

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116567.D
 Acq On : 26 Aug 2019 11:51
 Operator : HP/JU
 Sample : PB122528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Quant Time: Aug 27 02:34:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130355	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	548065	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	292161	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	513055	20.00	ng	0.00
76) Chrysene-d12	14.04	240	353544	20.00	ng	0.00
87) Perylene-d12	15.50	264	295591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	800107	89.68	ng	0.02
7) Phenol-d6	6.52	99	1012180	92.53	ng	0.01
23) Nitrobenzene-d5	7.45	82	599413	59.84	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	272909	108.78	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1112468	61.32	ng	0.00
79) Terphenyl-d14	12.98	244	1184623	62.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	132458	34.291	ng	99
3) Pyridine	3.53	79	320690	27.262	ng	98
4) n-Nitrosodimethylamine	3.47	42	150356	35.014	ng	99
6) Aniline	6.55	93	393931	26.600	ng	98
8) 2-Chlorophenol	6.67	128	356427	38.071	ng	96
9) Benzaldehyde	6.43	77	257697	35.258	ng	94
10) Phenol	6.53	94	449309	37.824	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	336180	37.169	ng	99
12) 1,3-Dichlorobenzene	6.83	146	366148	36.133	ng	94
13) 1,4-Dichlorobenzene	6.90	146	380516	39.016	ng	98
14) 1,2-Dichlorobenzene	7.06	146	352962	38.364	ng	99
15) Benzyl Alcohol	7.02	79	325246	36.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418255	33.446	ng	98
17) 2-Methylphenol	7.13	107	299054	38.553	ng	99
18) Hexachloroethane	7.40	117	138890	36.515	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	256199	34.323	ng	100
20) 3+4-Methylphenols	7.29	107	372484	39.200	ng	# 83
22) Acetophenone	7.29	105	499476	36.446	ng	# 96
24) Nitrobenzene	7.46	77	394301	38.007	ng	99
25) Isophorone	7.70	82	705781	35.751	ng	97
26) 2-Nitrophenol	7.78	139	191412	50.512	ng	91
27) 2,4-Dimethylphenol	7.82	122	328444	41.540	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	431971	35.432	ng	100
29) 2,4-Dichlorophenol	8.02	162	301223	40.060	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	328822	38.844	ng	99
31) Naphthalene	8.19	128	1037366	39.127	ng	99
32) Benzoic acid	7.93	122	224922	44.497	ng	94
33) 4-Chloroaniline	8.23	127	267994	23.025	ng	99
34) Hexachlorobutadiene	8.31	225	180783	39.159	ng	99
35) Caprolactam	8.59	113	59746	22.811	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	325231	38.334	ng	96
37) 2-Methylnaphthalene	8.87	142	705407	38.750	ng	100
38) 1-Methylnaphthalene	8.97	142	653783	38.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303883	38.660	ng	98

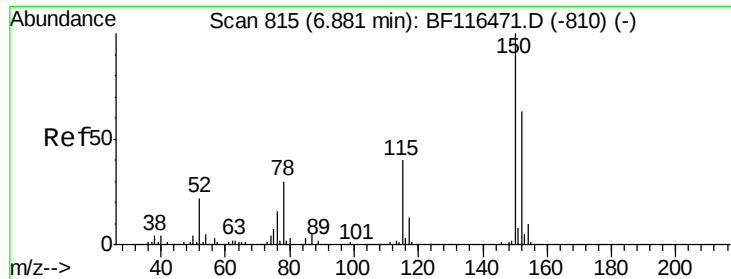
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116567.D
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 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	335250	79.272	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	218474	39.713	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	222495	39.748	ng	94
46) 1,1'-Biphenyl	9.34	154	869483	37.223	ng	100
47) 2-Chloronaphthalene	9.36	162	659792	36.435	ng	98
48) 2-Nitroaniline	9.45	65	209180	37.726	ng	97
49) Acenaphthylene	9.78	152	1023402	38.627	ng	98
50) Dimethylphthalate	9.64	163	770875	37.817	ng	99
51) 2,6-Dinitrotoluene	9.69	165	174559	41.837	ng	93
52) Acenaphthene	9.95	154	710203	41.775	ng	100
53) 3-Nitroaniline	9.86	138	133772	26.897	ng	90
54) 2,4-Dinitrophenol	9.97	184	154810	93.207	ng	# 1
55) Dibenzofuran	10.13	168	908649	38.342	ng	98
56) 4-Nitrophenol	10.02	139	298548	77.231	ng	97
57) 2,4-Dinitrotoluene	10.10	165	233188	43.922	ng	98
58) Fluorene	10.47	166	700675	38.055	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	192440	41.870	ng	95
60) Diethylphthalate	10.34	149	754986	37.683	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	339923	37.843	ng	97
62) 4-Nitroaniline	10.48	138	190960	39.259	ng	93
63) Azobenzene	10.62	77	760767	36.931	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	112314	52.601	ng	80
66) n-Nitrosodiphenylamine	10.57	169	631027	37.985	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	205612	38.226	ng	93
68) Hexachlorobenzene	11.02	284	219841	36.953	ng	# 91
69) Atrazine	11.10	200	189217	38.015	ng	98
70) Pentachlorophenol	11.21	266	270684	77.985	ng	99
71) Phenanthrene	11.43	178	1062407	38.012	ng	99
72) Anthracene	11.48	178	1073461	38.222	ng	100
73) Carbazole	11.63	167	951620	37.748	ng	100
74) Di-n-butylphthalate	11.96	149	1182355	37.849	ng	100
75) Fluoranthene	12.61	202	1082741	37.471	ng	98
77) Benzidine	12.73	184	374241	26.310	ng	98
78) Pyrene	12.84	202	1102476	38.994	ng	99
80) Butylbenzylphthalate	13.46	149	491931	40.288	ng	99
81) Benzo(a)anthracene	14.03	228	859407	37.532	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	271178	33.233	ng	98
83) Chrysene	14.06	228	867343	37.372	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	662981	40.719	ng	99
85) Di-n-octyl phthalate	14.63	149	1073051	38.820	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	668503	33.626	ng	98
88) Benzo(b)fluoranthene	15.07	252	821894	45.010	ng	98
89) Benzo(k)fluoranthene	15.10	252	697735	42.178	ng	99
90) Benzo(a)pyrene	15.44	252	698991	43.312	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	565986	42.680	ng	98
92) Benzo(g,h,i)perylene	17.42	276	551477	43.621	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

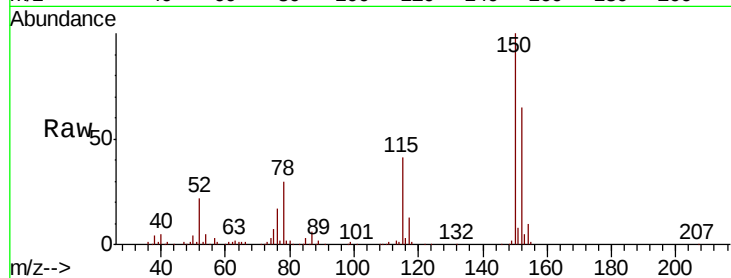


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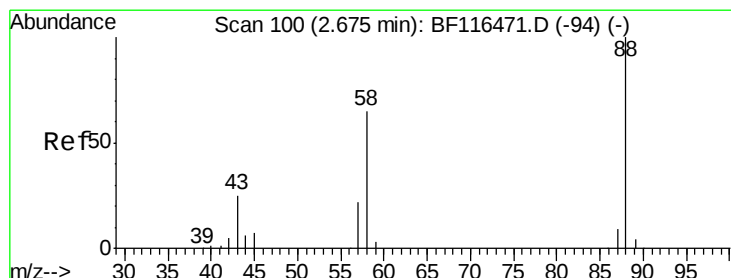
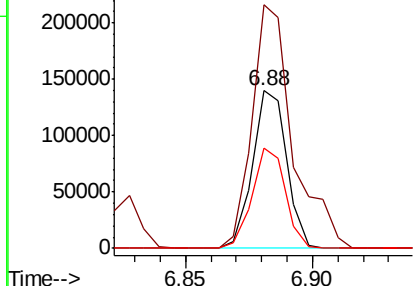
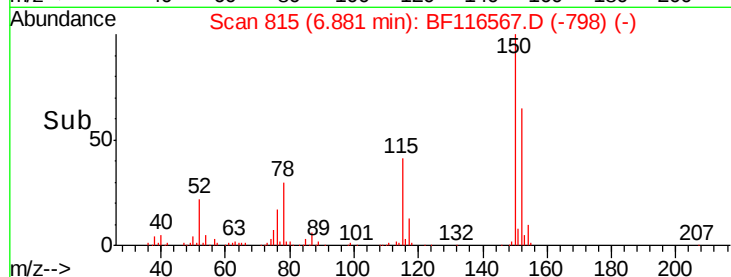
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion: 152 Resp: 130355
Ion Ratio Lower Upper
152 100
150 154.5 126.7 190.1
115 63.3 50.9 76.3



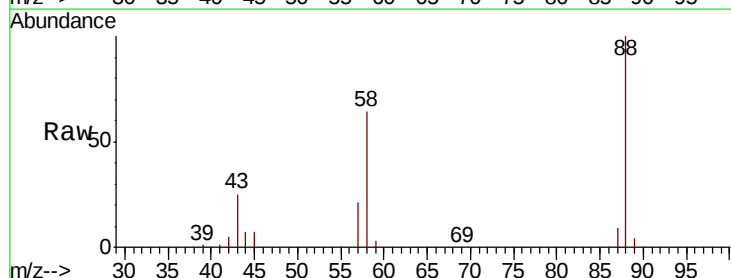
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



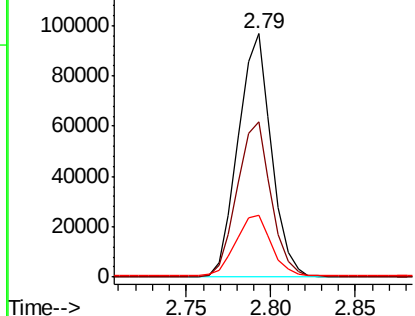
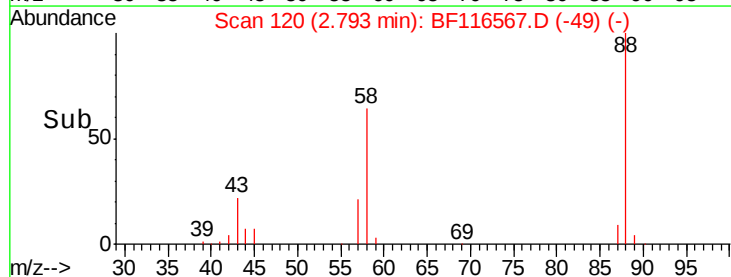
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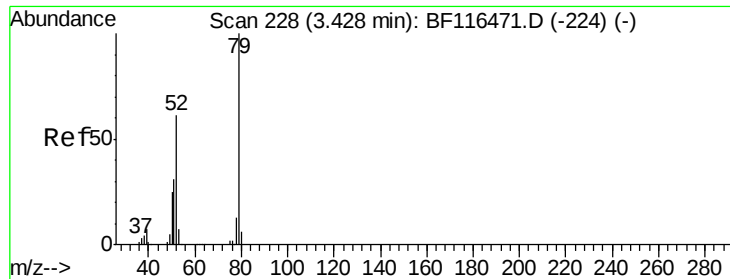
1,4-Dioxane
Concen: 34.291 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.12 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion: 88 Resp: 132458
Ion Ratio Lower Upper
88 100
58 65.3 53.4 80.0
43 26.7 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 27.262 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.10 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

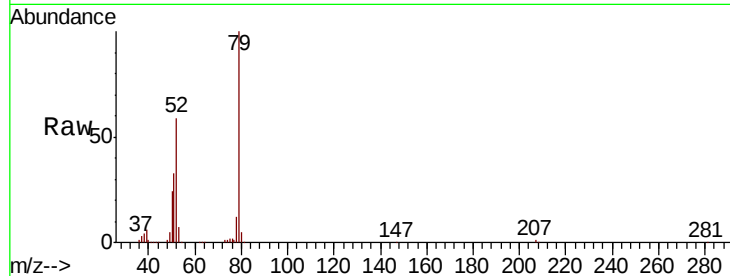
Tgt Ion: 79 Resp: 320690

Ion Ratio Lower Upper

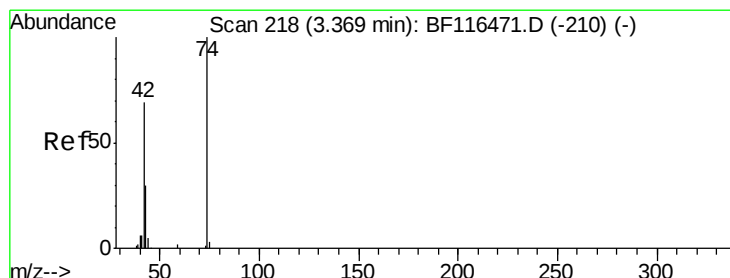
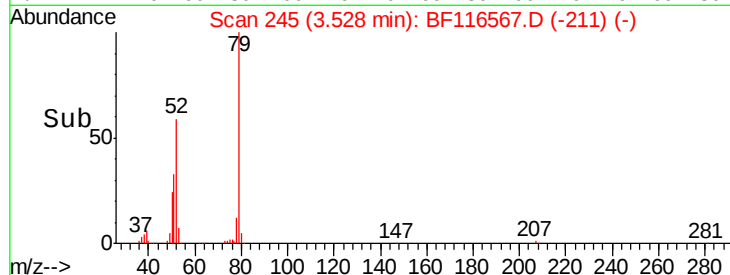
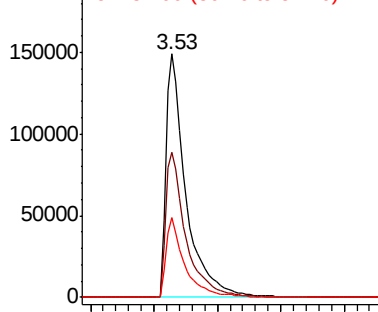
79 100

52 59.4 48.8 73.2

51 32.7 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.014 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.11 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

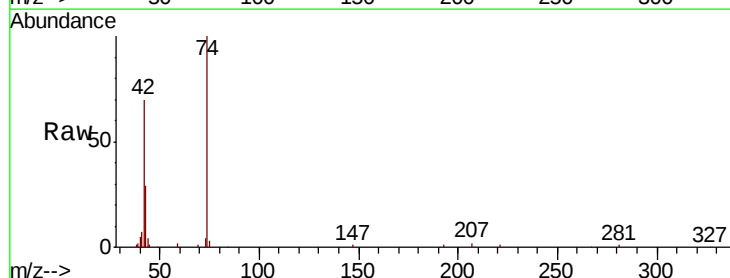
Tgt Ion: 42 Resp: 150356

Ion Ratio Lower Upper

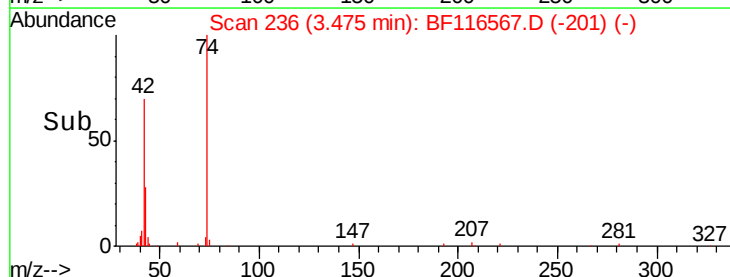
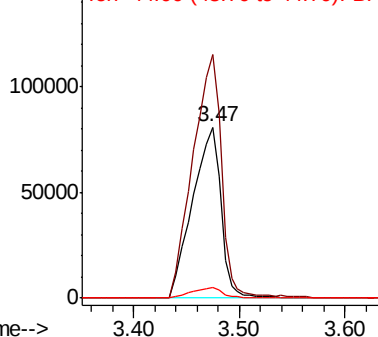
42 100

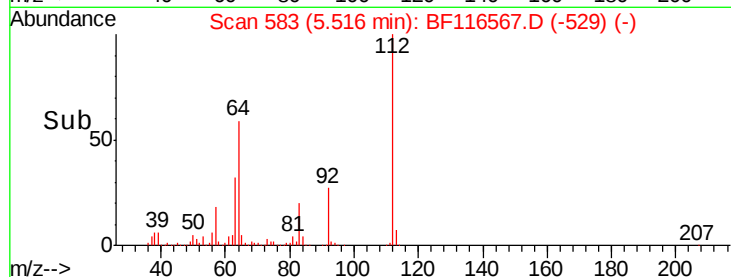
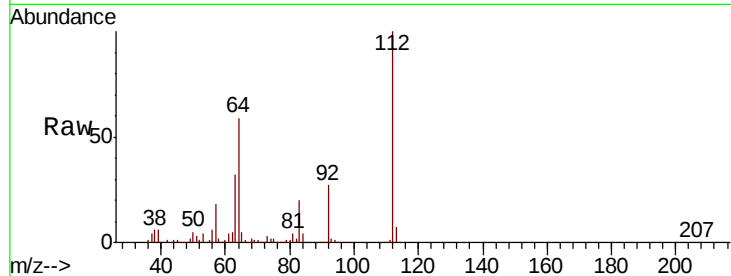
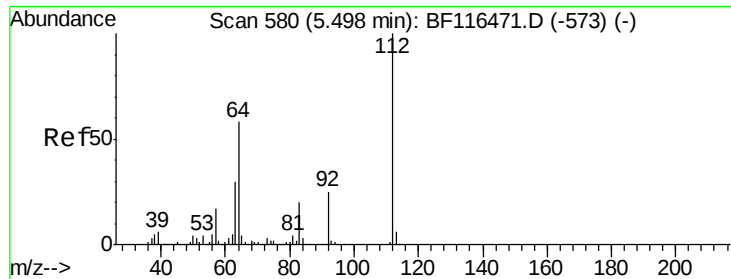
74 142.4 115.3 172.9

44 6.0 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.684 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

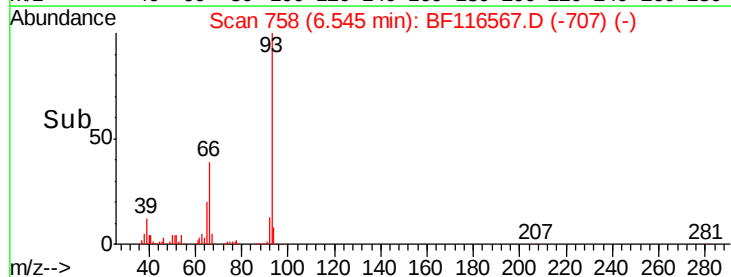
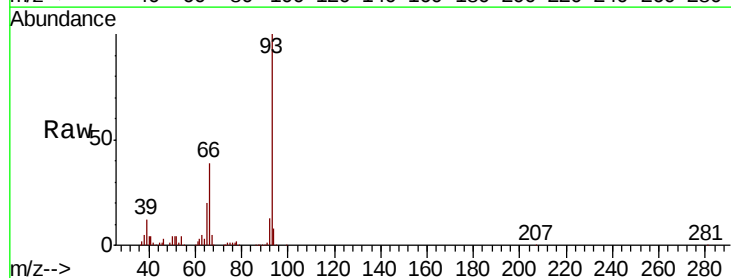
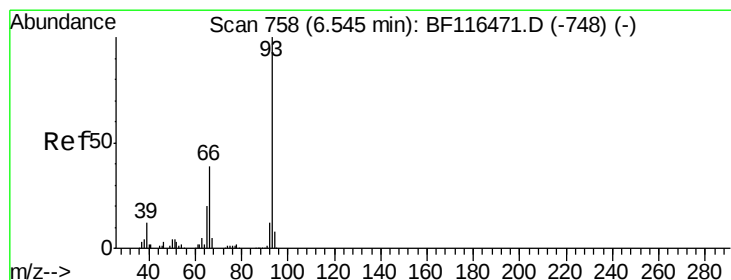
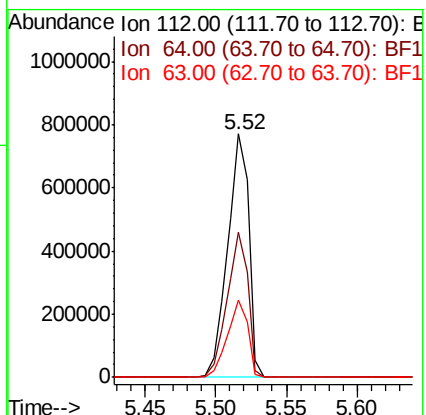
Tgt Ion: 112 Resp: 800107

Ion Ratio Lower Upper

112 100

64 59.5 46.3 69.5

63 31.7 24.2 36.4



#6

Aniline

Concen: 26.600 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

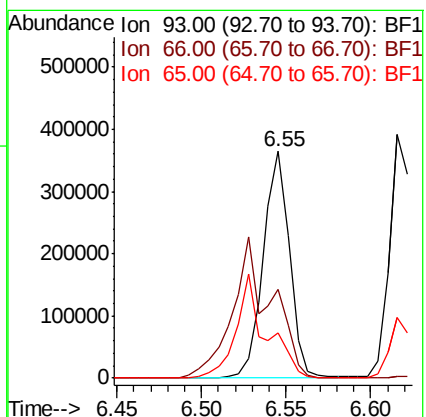
Tgt Ion: 93 Resp: 393931

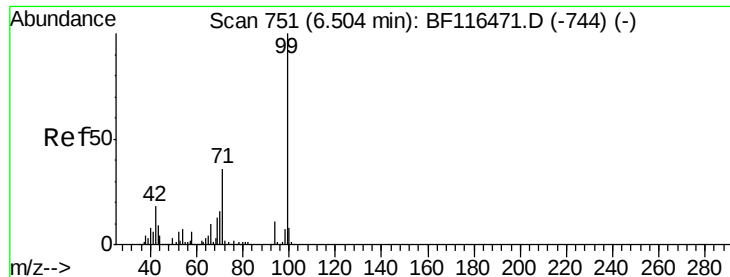
Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

65 20.2 16.3 24.5





#7

Phenol-d6

Concen: 92.530 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

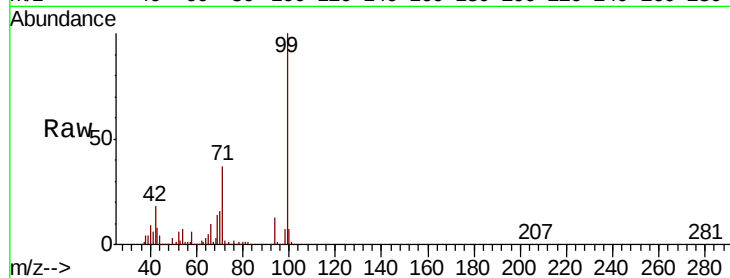
Tgt Ion: 99 Resp: 1012180

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

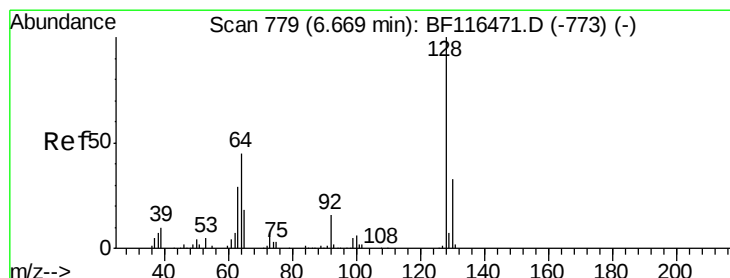
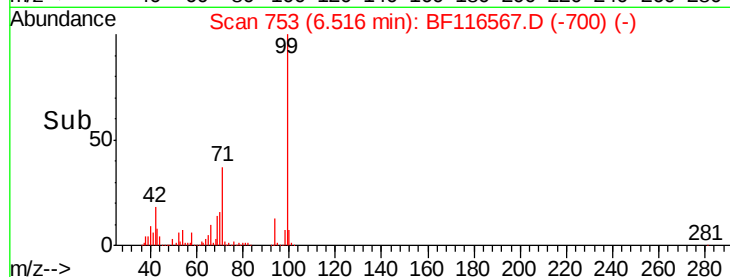
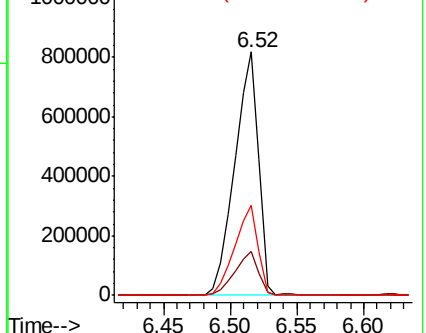
71 37.0 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.071 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

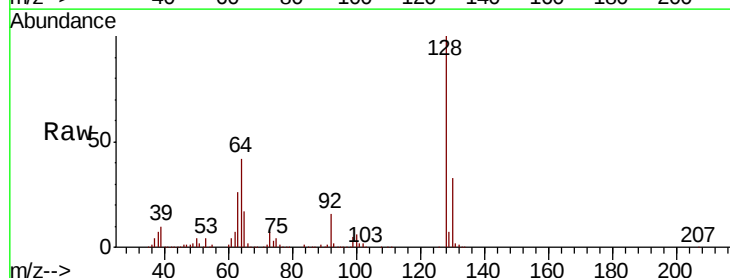
Tgt Ion: 128 Resp: 356427

Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

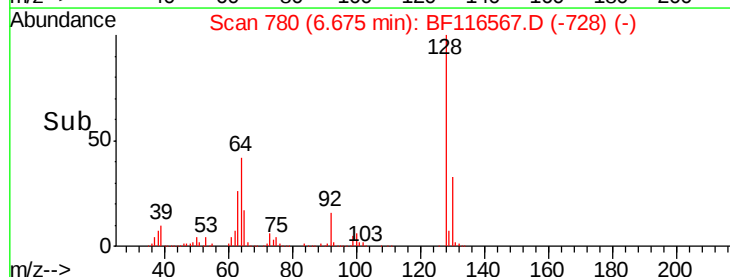
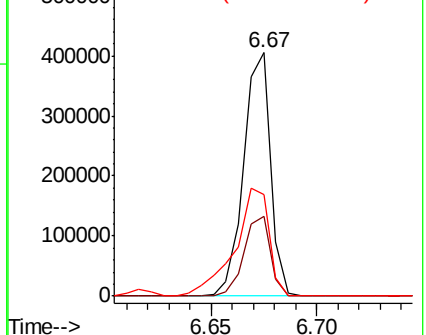
64 41.8 26.3 66.3

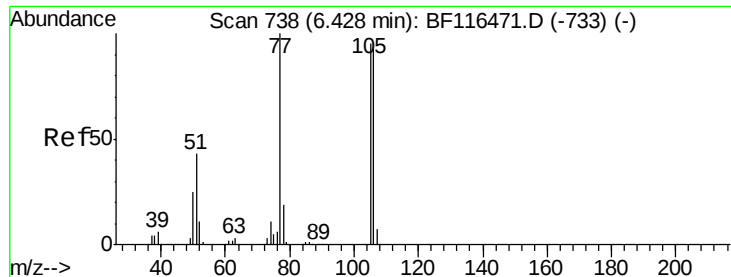


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.258 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

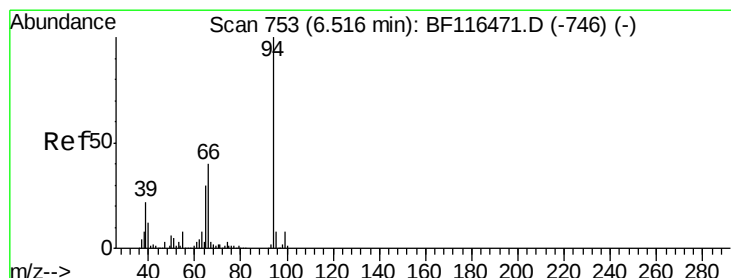
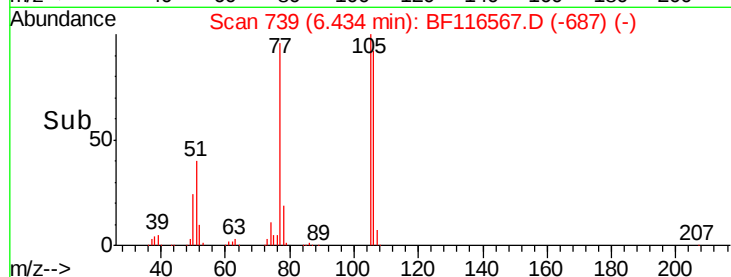
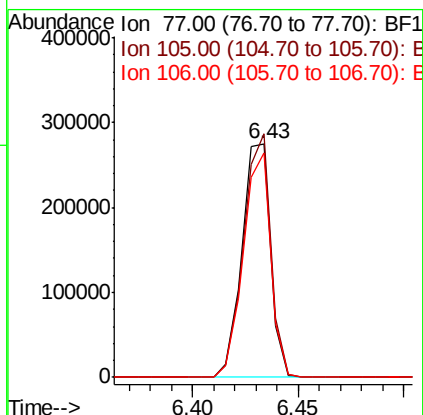
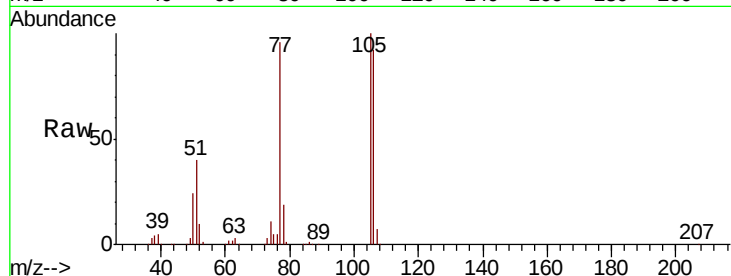
Tgt Ion: 77 Resp: 257697

Ion Ratio Lower Upper

77 100

105 104.3 75.5 115.5

106 96.3 73.2 113.2



#10

Phenol

Concen: 37.824 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

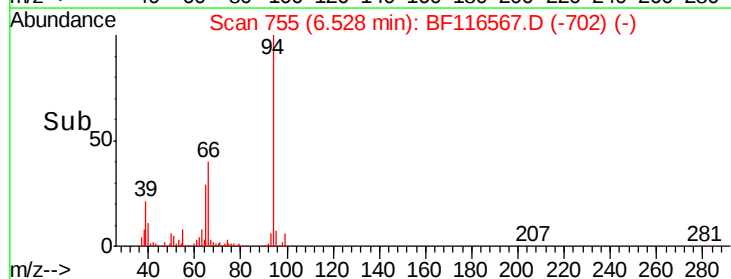
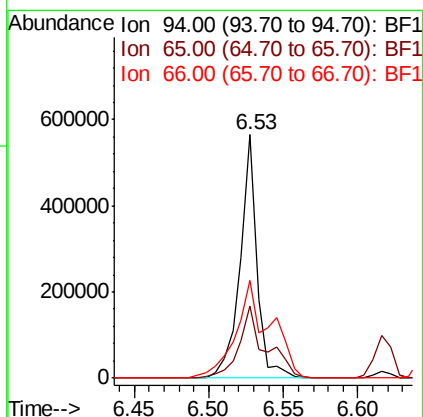
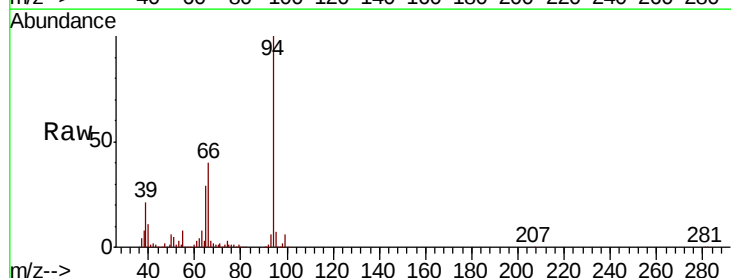
Tgt Ion: 94 Resp: 449309

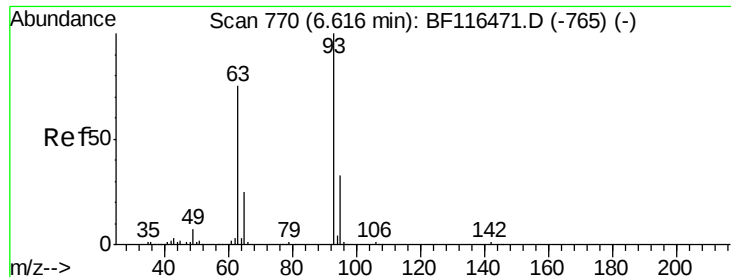
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 40.2 19.8 59.8

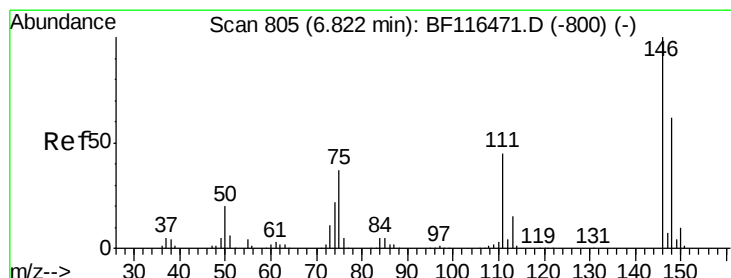
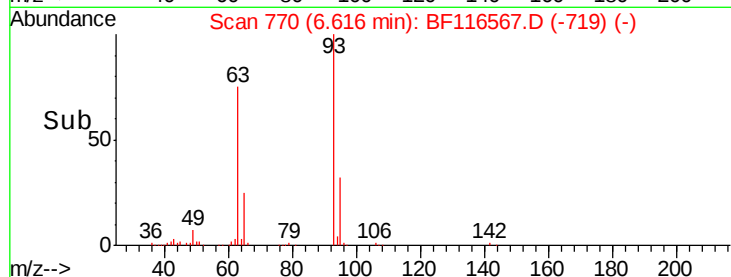
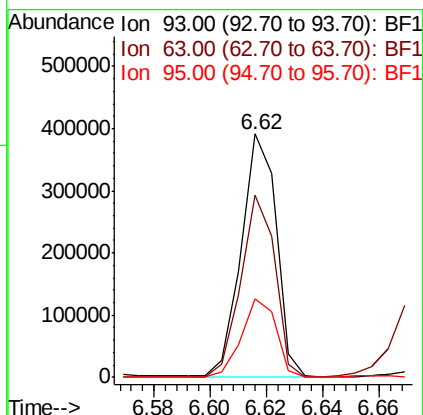
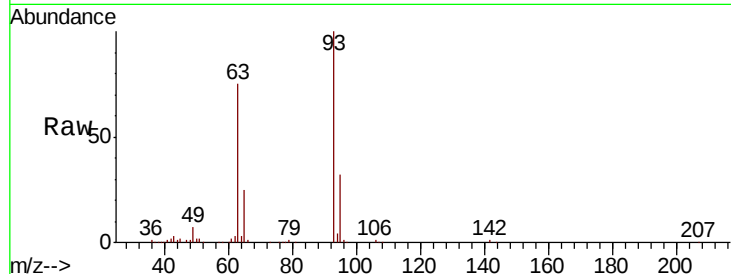




#11
bis(2-Chloroethyl)ether
Concen: 37.169 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

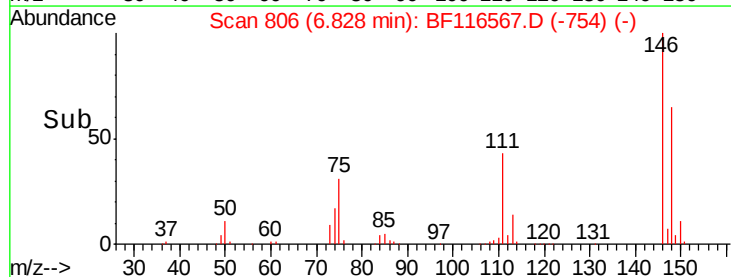
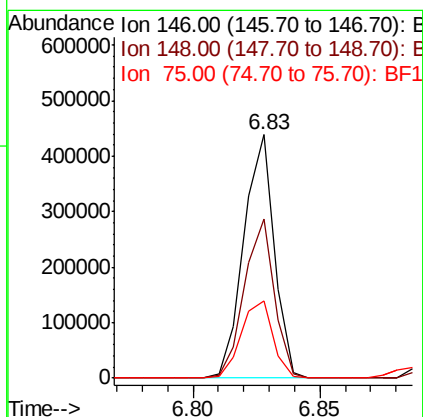
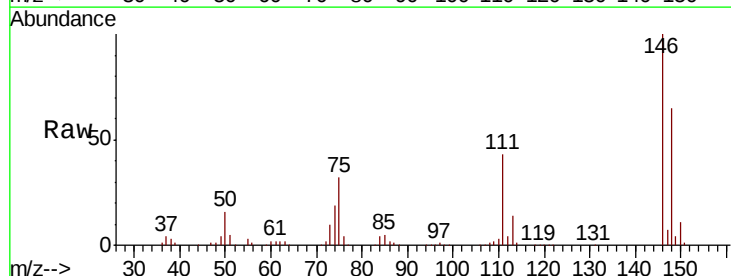
Instrument :
BNA_F
ClientSampleId :
PB122528BS

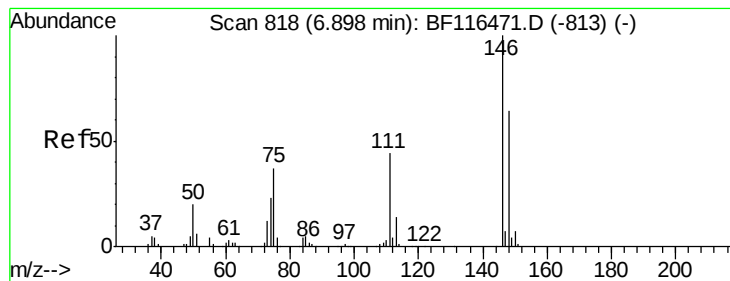
Tgt Ion: 93 Resp: 336180
Ion Ratio Lower Upper
93 100
63 74.6 54.3 94.3
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.133 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion: 146 Resp: 366148
Ion Ratio Lower Upper
146 100
148 65.3 49.8 74.8
75 31.6 29.3 43.9





#13

1,4-Dichlorobenzene

Concen: 39.016 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

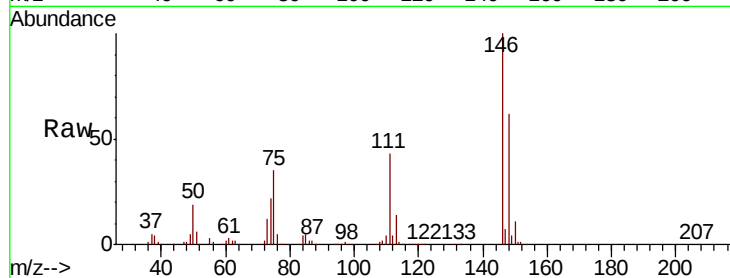
Tgt Ion:146 Resp: 380516

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.4

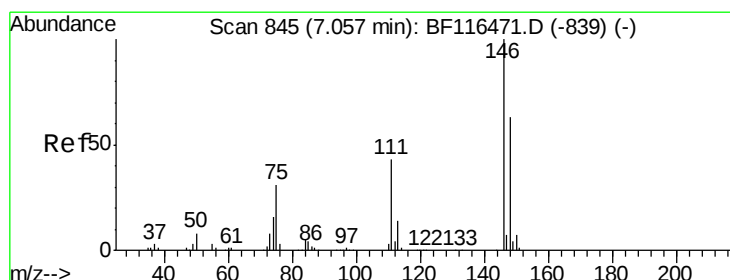
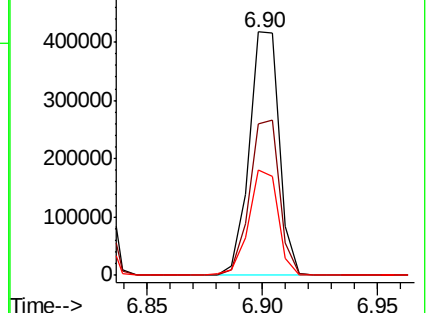
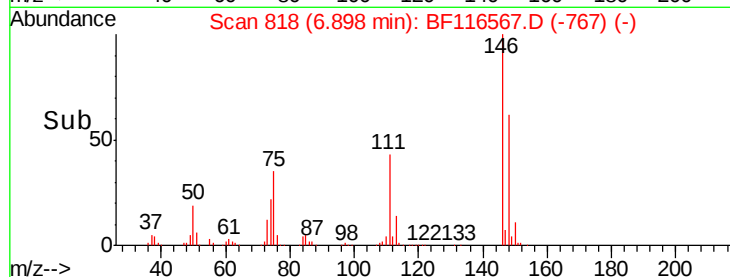
111 43.3 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.364 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

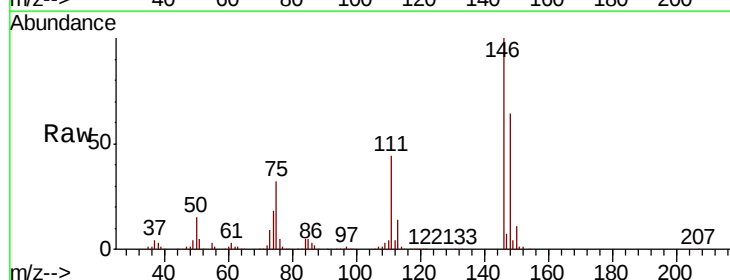
Tgt Ion:146 Resp: 352962

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

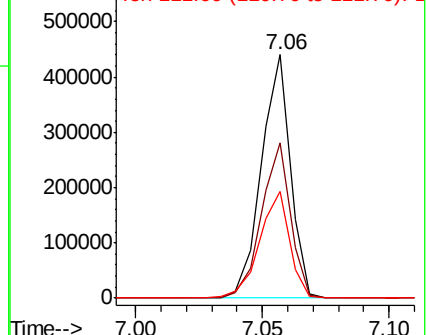
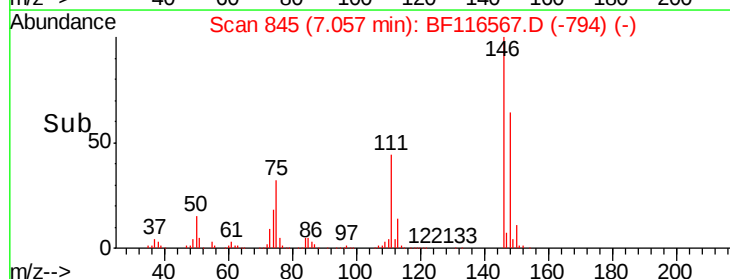
111 43.7 34.5 51.7

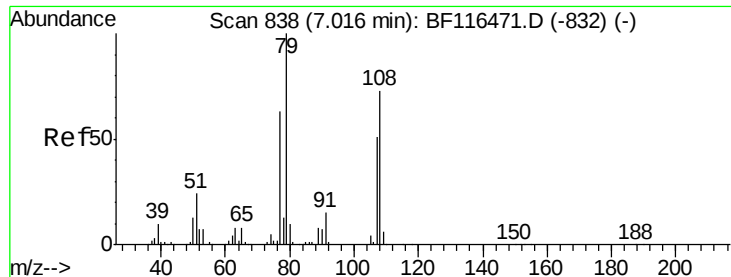


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.740 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

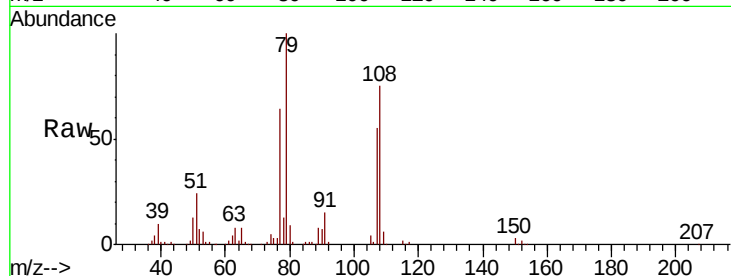
Tgt Ion: 79 Resp: 325246

Ion Ratio Lower Upper

79 100

108 75.3 58.1 87.1

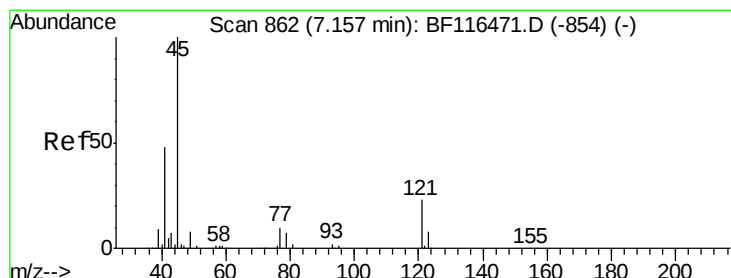
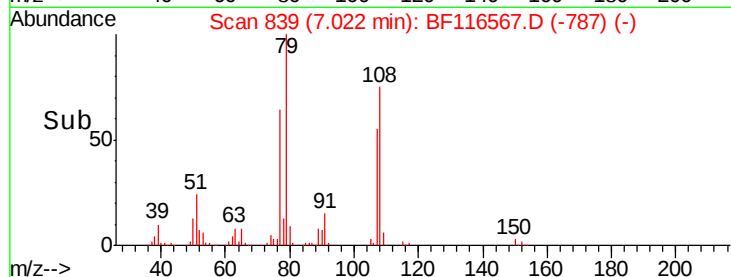
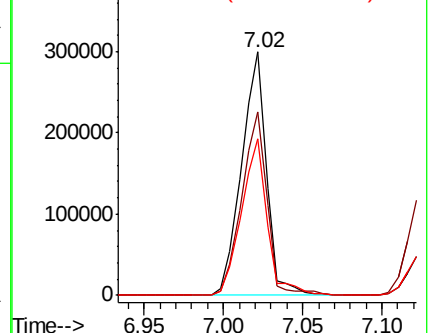
77 64.1 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.446 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

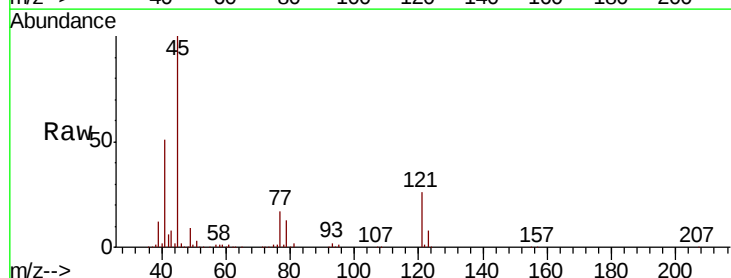
Tgt Ion: 45 Resp: 418255

Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.1

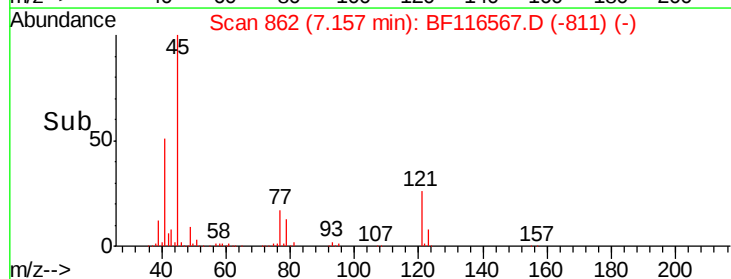
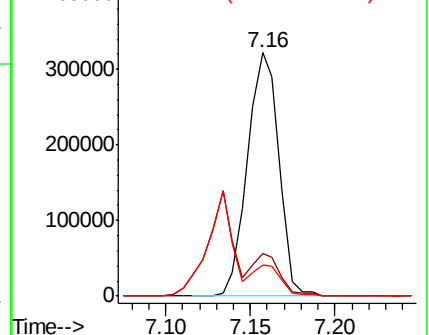
79 12.8 0.0 32.3

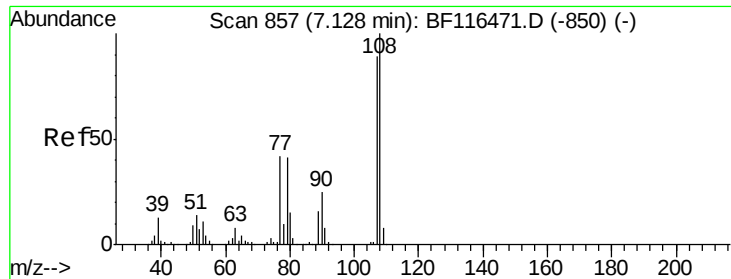


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.553 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

Tgt Ion:107 Resp: 299054

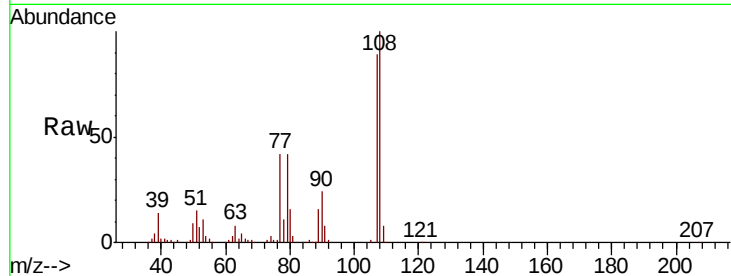
Ion Ratio Lower Upper

107 100

108 112.0 90.0 135.0

77 47.2 37.6 56.4

79 47.4 36.8 55.2



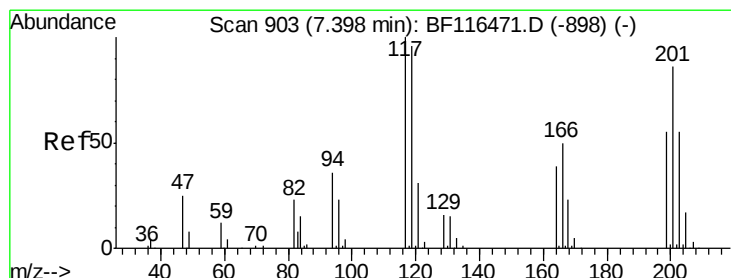
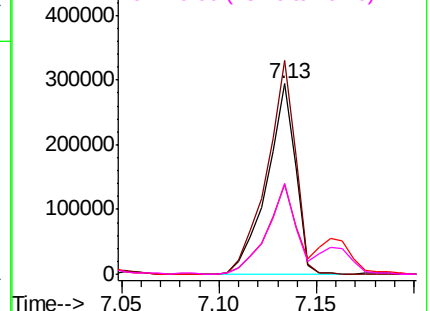
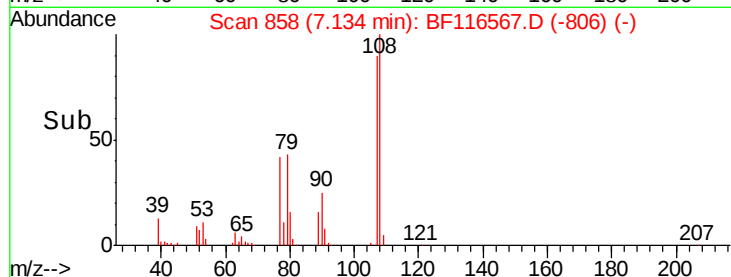
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.515 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

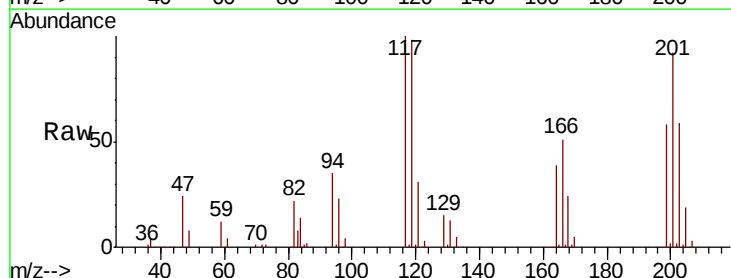
Tgt Ion:117 Resp: 138890

Ion Ratio Lower Upper

117 100

119 98.0 77.0 115.6

201 92.4 69.1 103.7

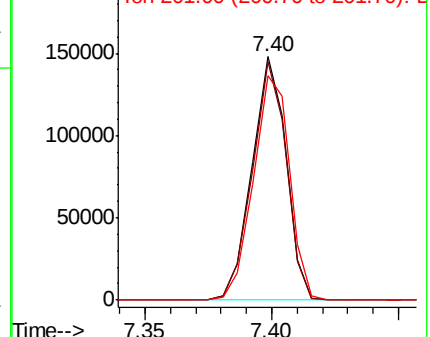
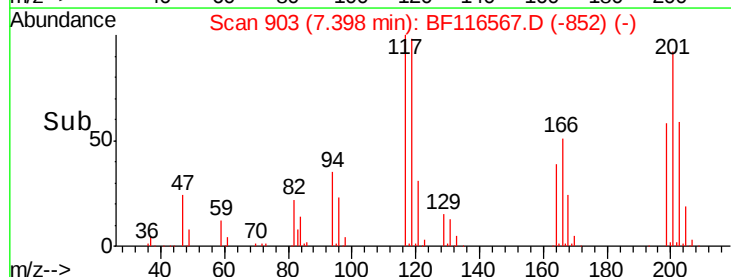


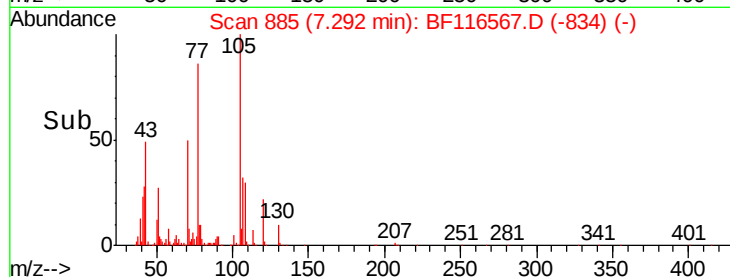
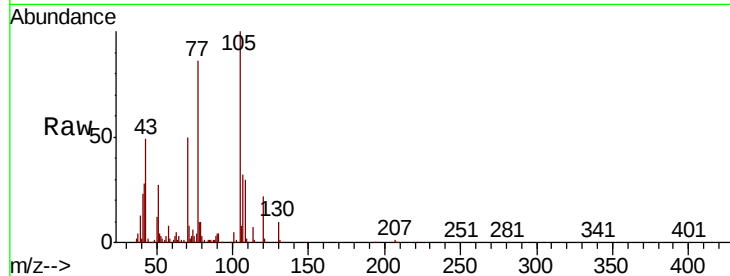
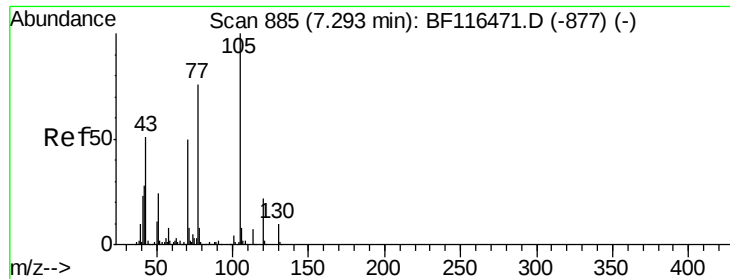
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

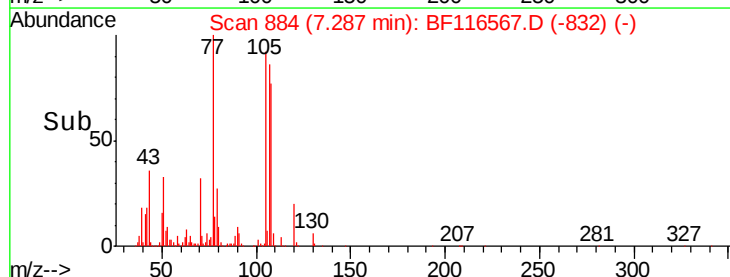
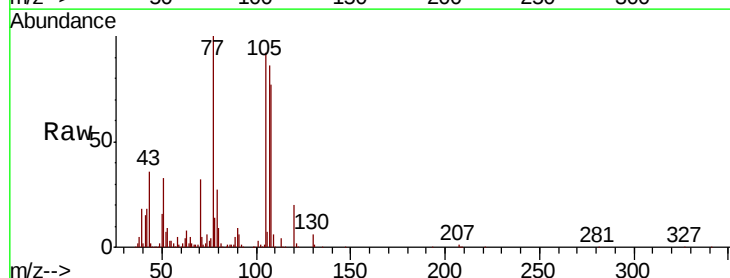
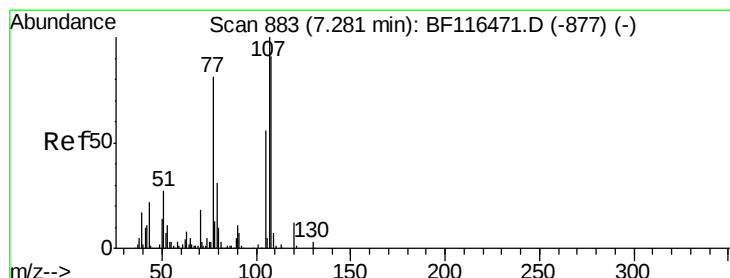
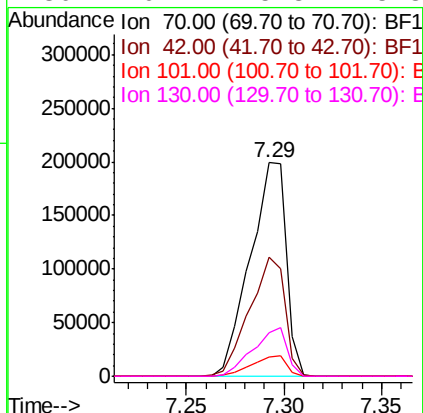




#19
n-Nitroso-di-n-propylamine
Concen: 34.323 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

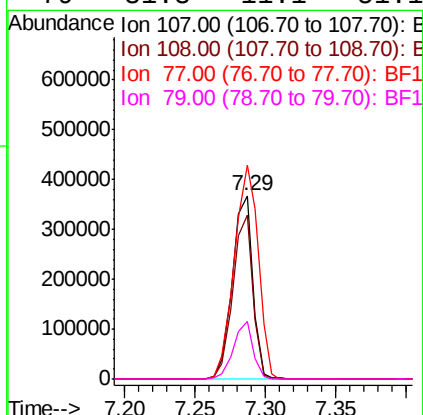
Instrument :
BNA_F
ClientSampleId :
PB122528BS

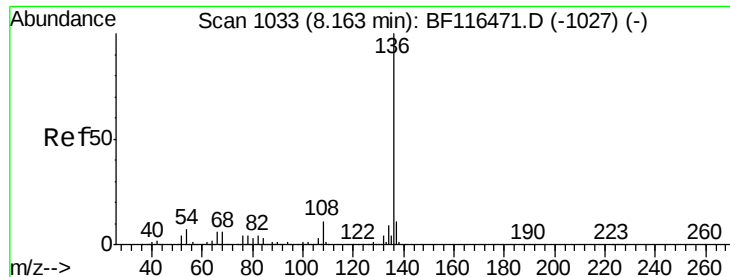
Tgt Ion:	70	Resp:	256199
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.4	66.6
101	9.1	7.1	10.7
130	20.1	15.8	23.8



#20
3+4-Methylphenols
Concen: 39.200 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	107	Resp:	372484
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.7	110.7
77	116.4	60.6	100.6#
79	31.3	11.1	51.1

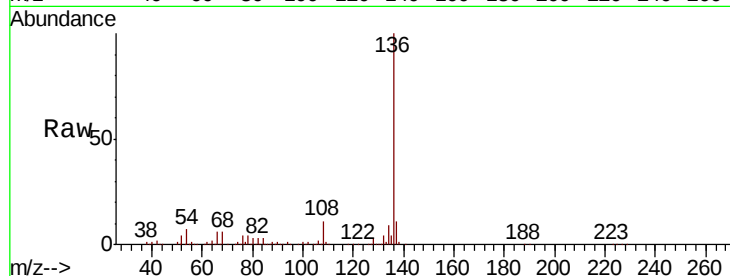




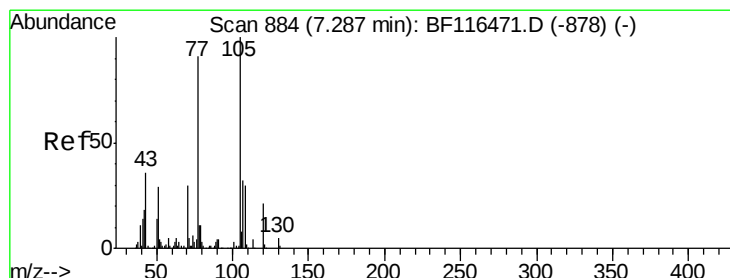
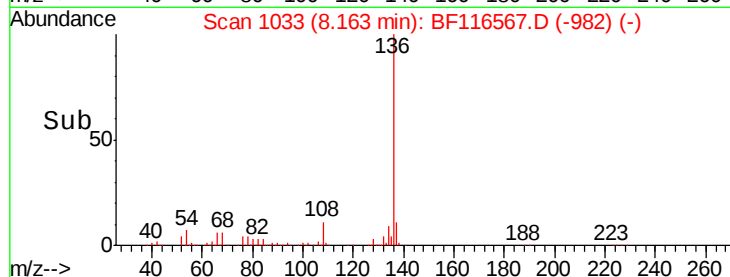
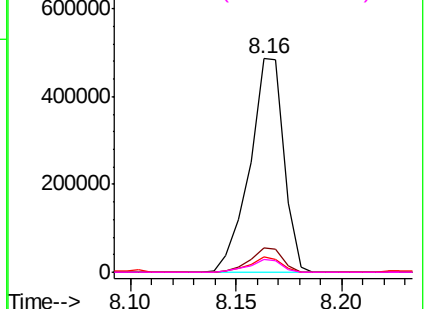
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion:	136	Resp:	548065
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.1	7.7

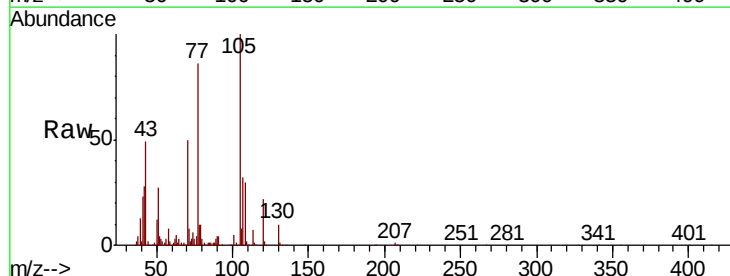


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

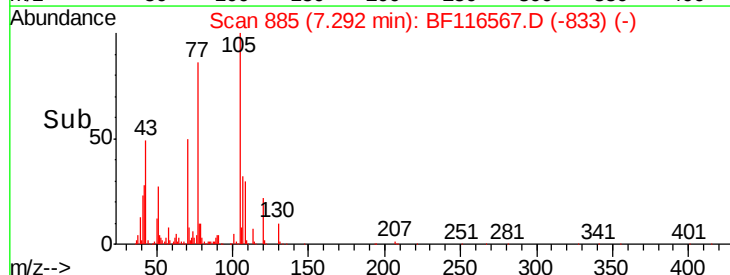
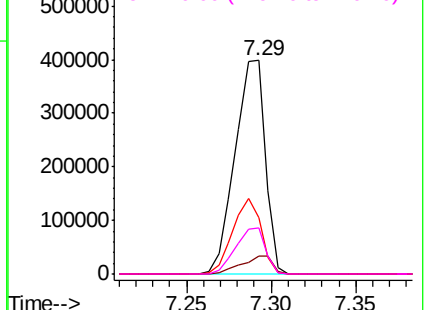


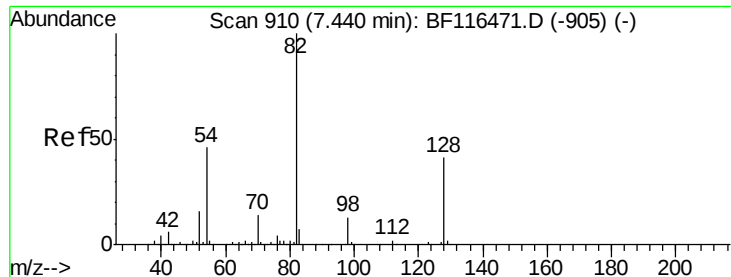
#22
Acetophenone
Concen: 36.446 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	105	Resp:	499476
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.2	6.2#
51	26.7	23.0	34.4
120	21.8	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

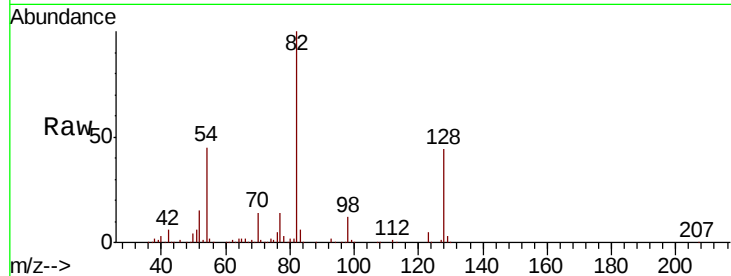




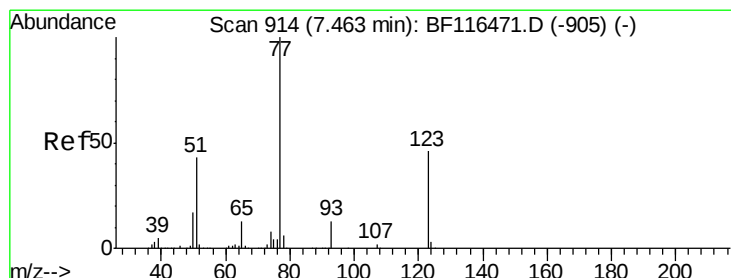
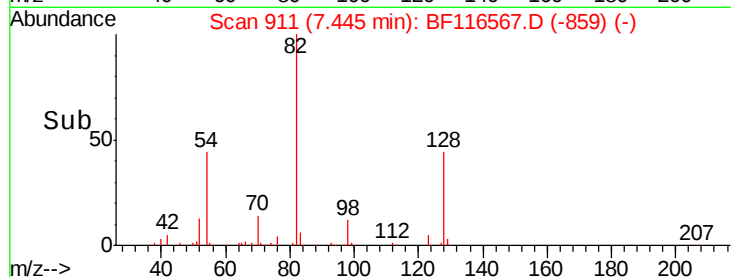
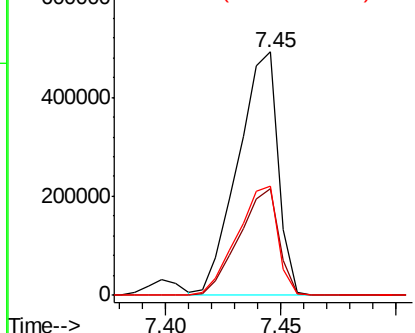
#23
 Nitrobenzene-d5
 Concen: 59.836 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.2	48.4
54	44.8	36.5	54.7

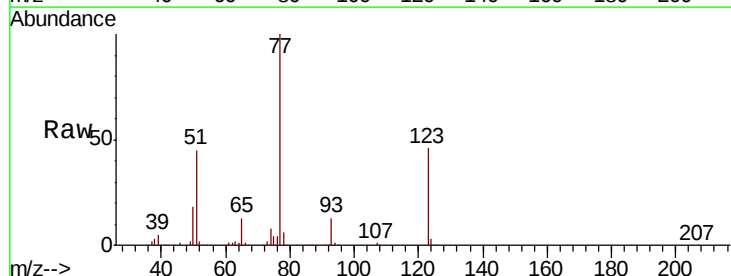


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

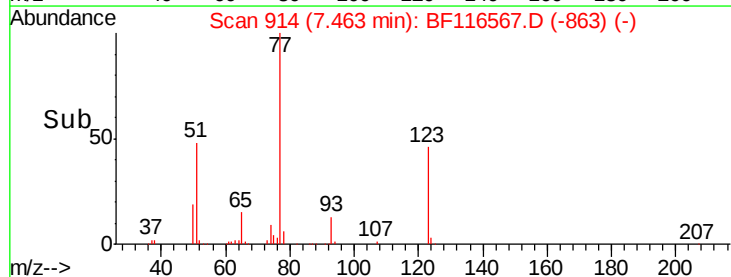
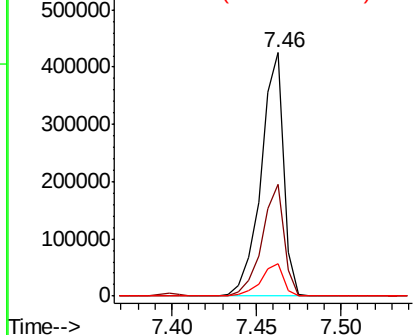


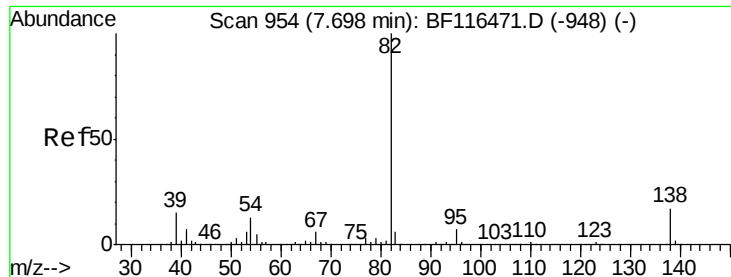
#24
 Nitrobenzene
 Concen: 38.007 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.0	55.4
65	13.2	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.751 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

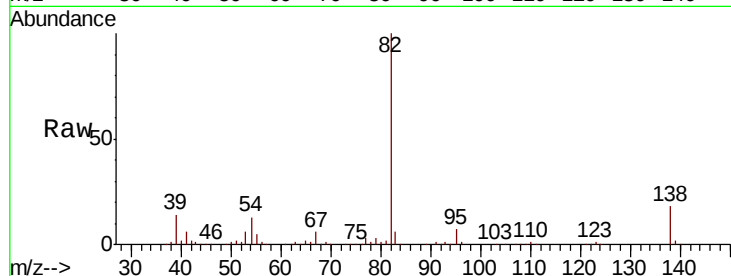
Tgt Ion: 82 Resp: 705781

Ion Ratio Lower Upper

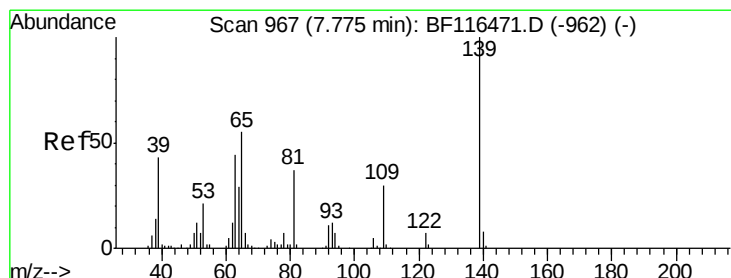
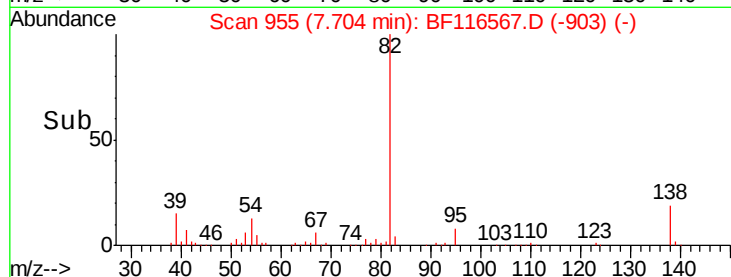
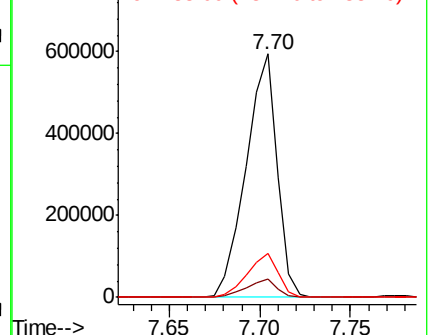
82 100

95 7.3 5.3 7.9

138 18.2 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.512 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

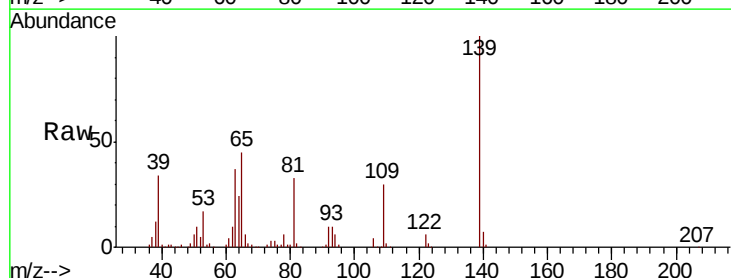
Tgt Ion: 139 Resp: 191412

Ion Ratio Lower Upper

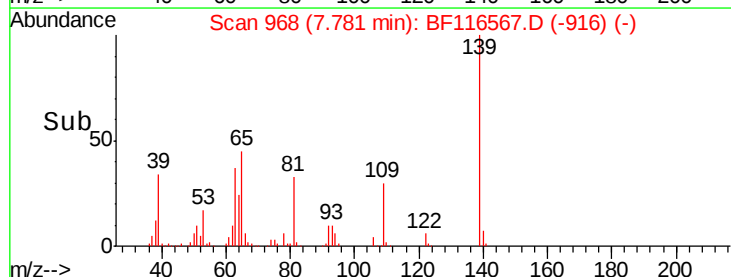
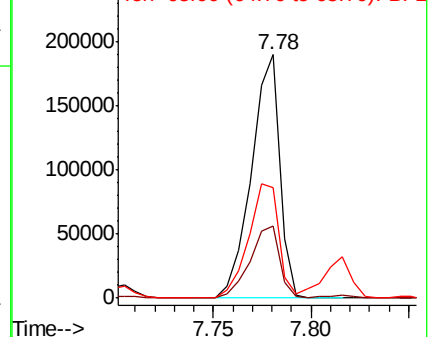
139 100

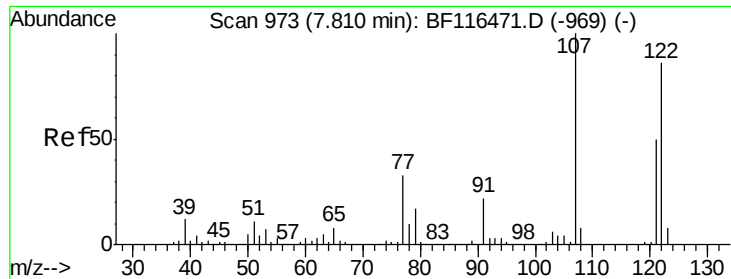
109 29.6 24.3 36.5

65 45.4 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

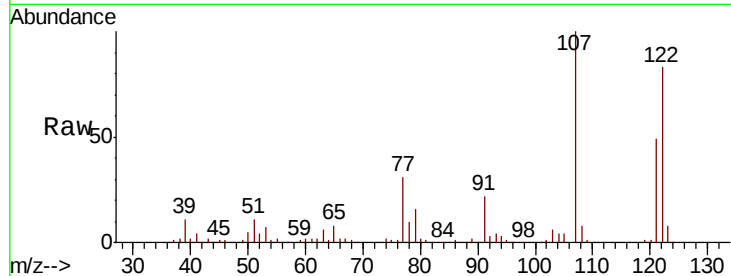




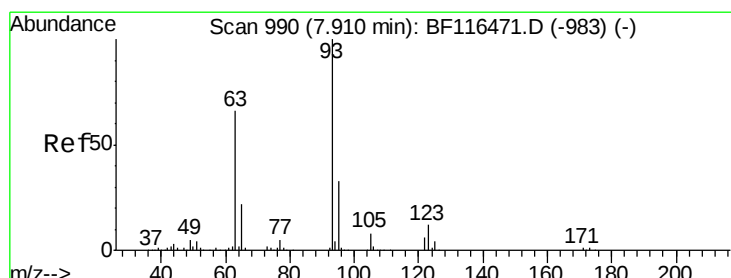
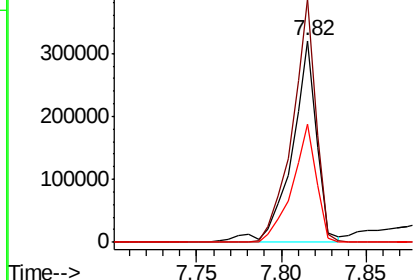
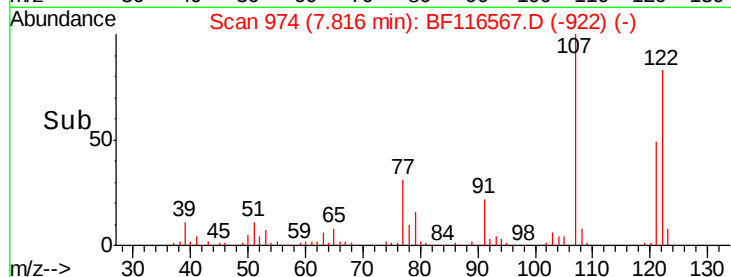
#27
 2,4-Dimethylphenol
 Concen: 41.540 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion: 122 Resp: 328444
 Ion Ratio Lower Upper
 122 100
 107 120.7 92.4 138.6
 121 58.9 46.2 69.4

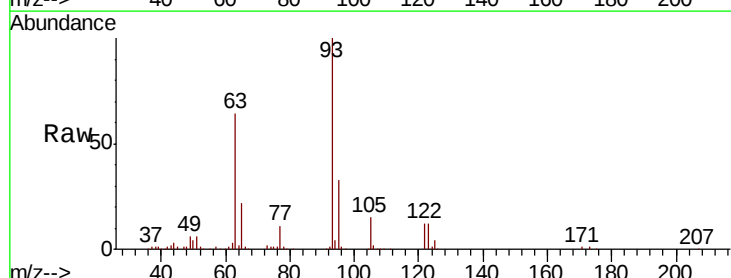


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

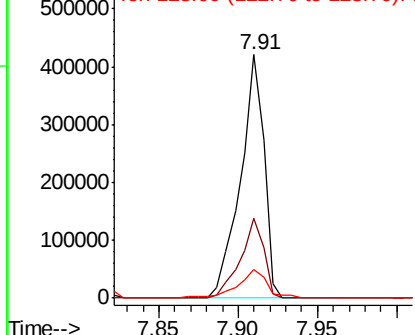
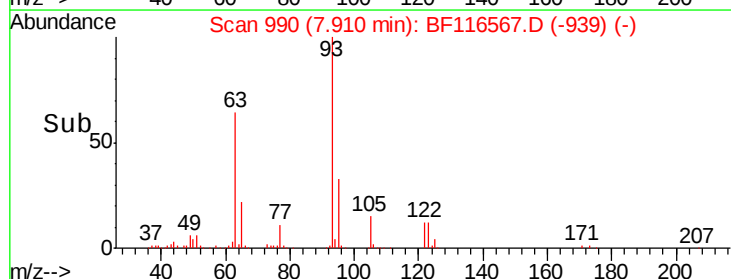


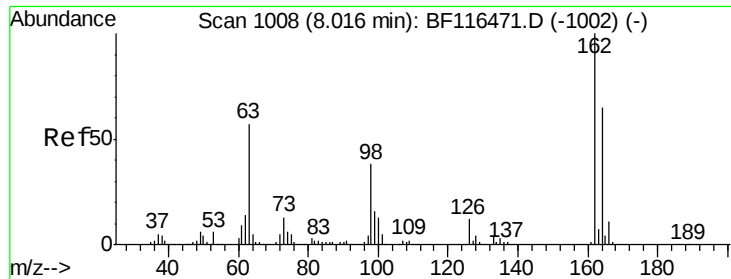
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.432 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion: 93 Resp: 431971
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

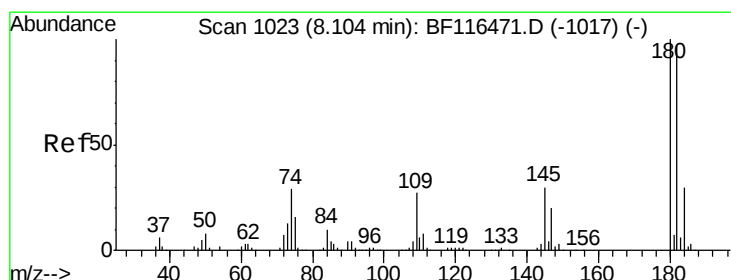
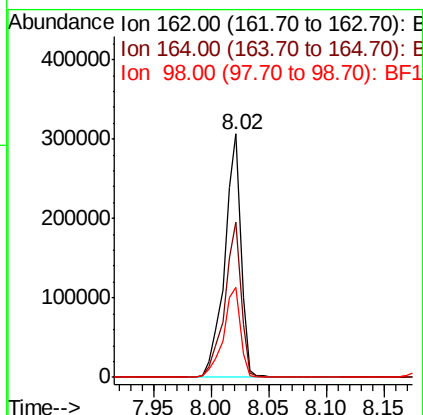
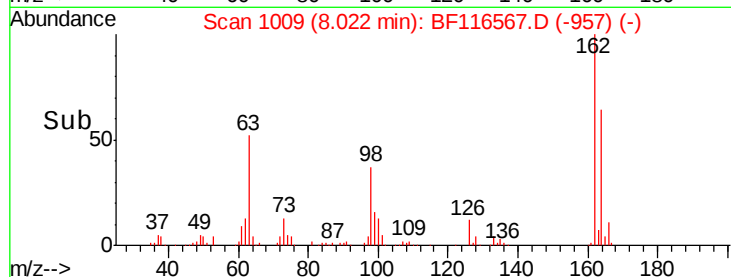
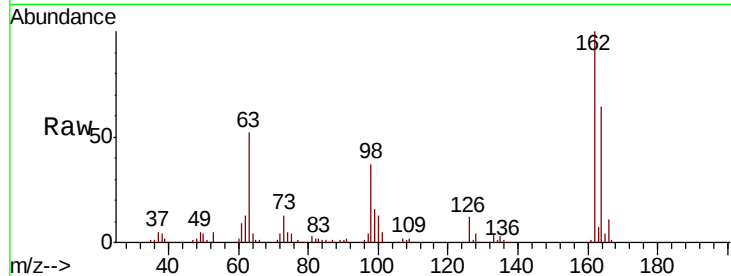




#29
2,4-Dichlorophenol
Concen: 40.060 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

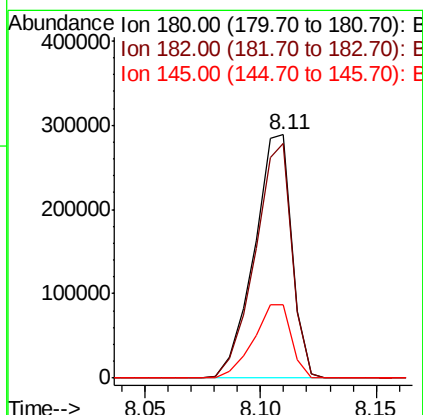
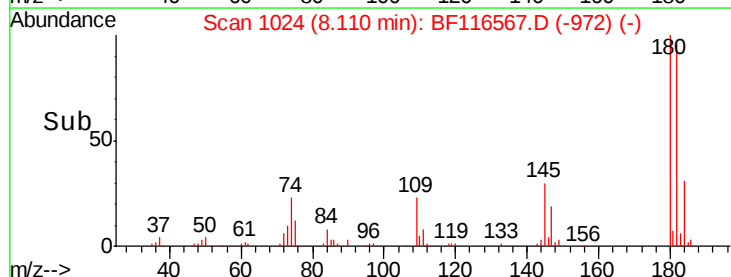
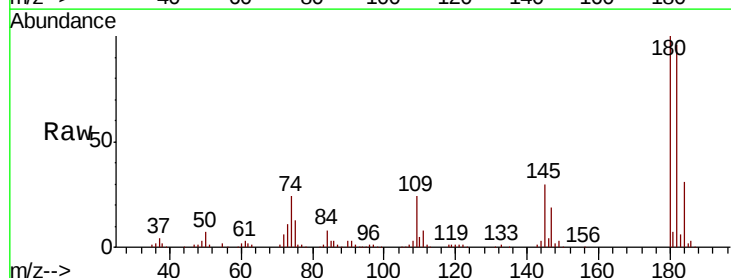
Instrument :
BNA_F
ClientSampleId :
PB122528BS

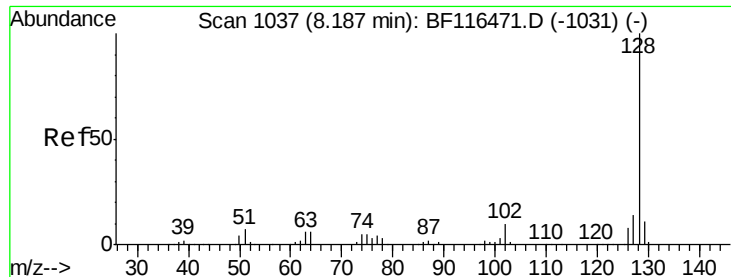
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	36.9	17.9	57.9



#30
1,2,4-Trichlorobenzene
Concen: 38.844 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.0
145	30.1	24.3	36.5

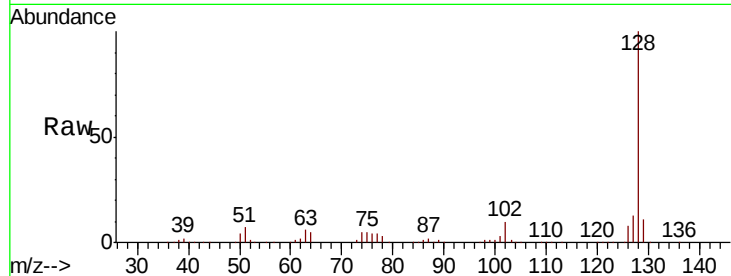




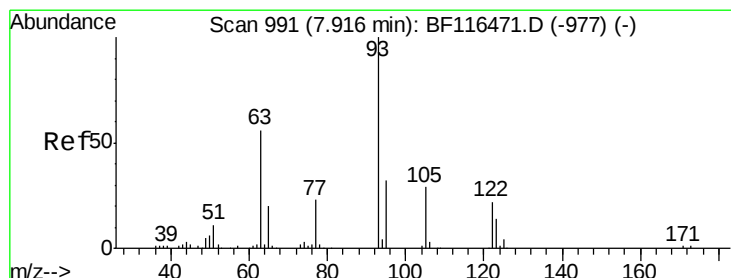
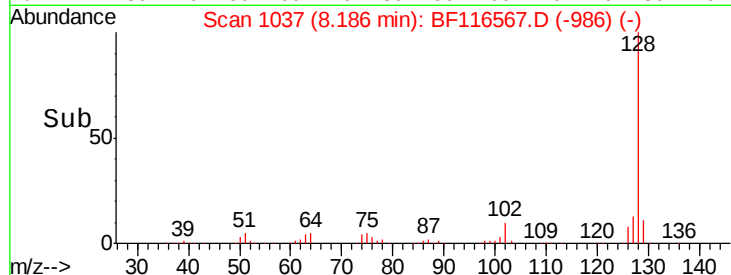
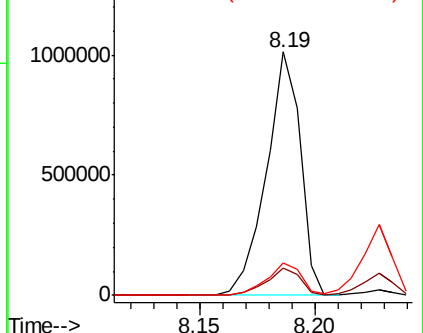
#31
Naphthalene
Concen: 39.127 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion:128 Resp: 1037366
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 10.9 16.3

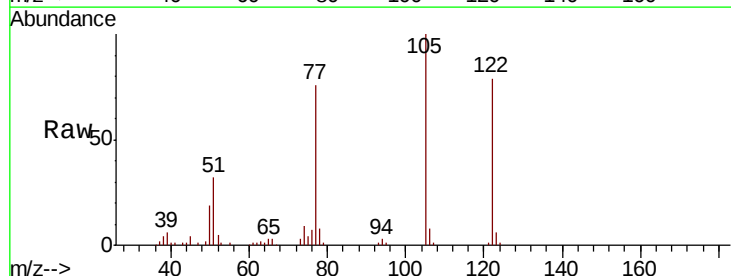


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

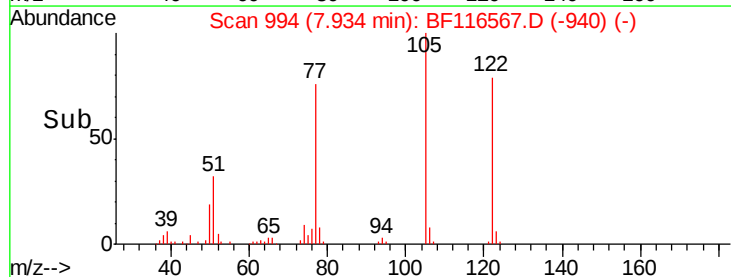
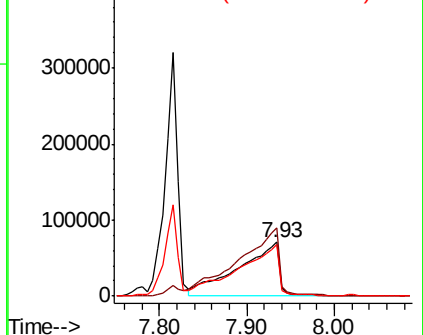


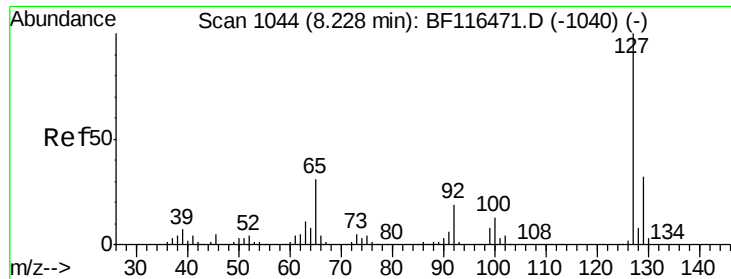
#32
Benzoic acid
Concen: 44.497 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:122 Resp: 224922
Ion Ratio Lower Upper
122 100
105 125.9 109.9 149.9
77 95.7 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

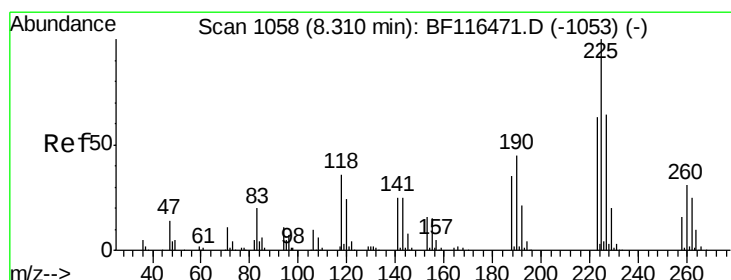
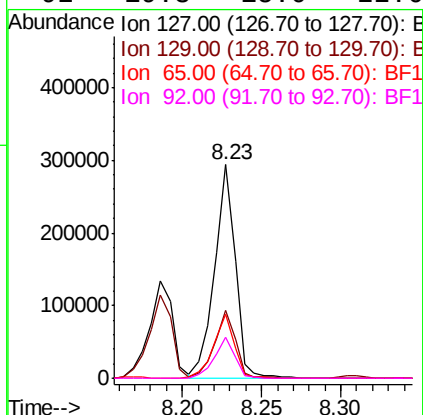
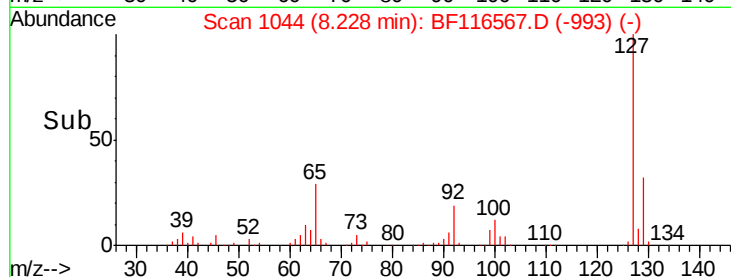
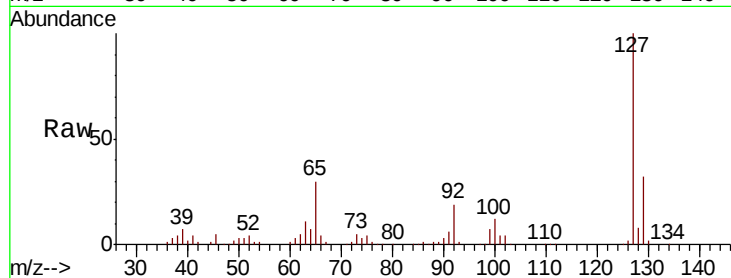




#33
4-Chloroaniline
Concen: 23.025 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

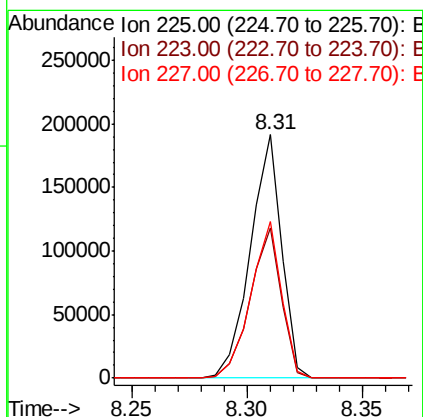
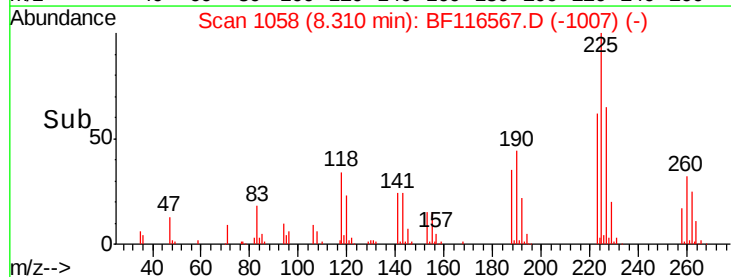
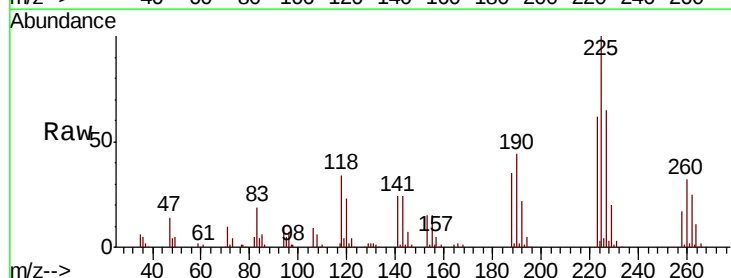
Instrument :
BNA_F
ClientSampleId :
PB122528BS

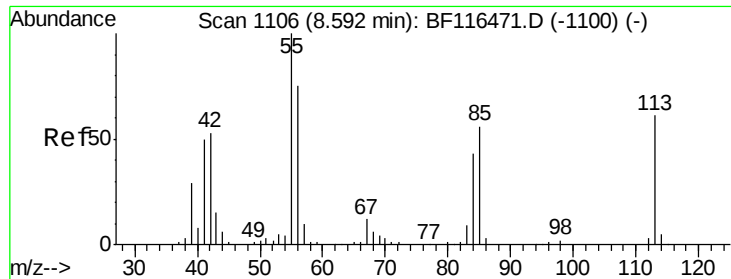
Tgt Ion:	127	Resp:	267994
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	30.3	25.0	37.6
92	19.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.159 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	225	Resp:	180783
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	64.6	51.0	76.4

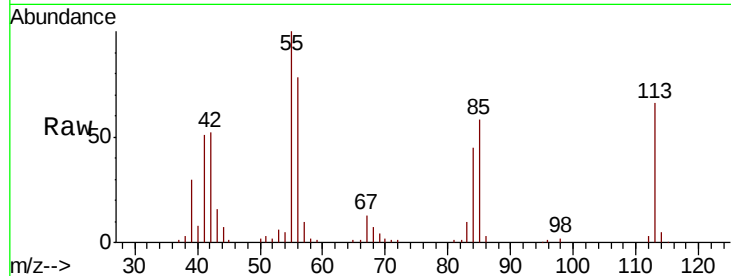




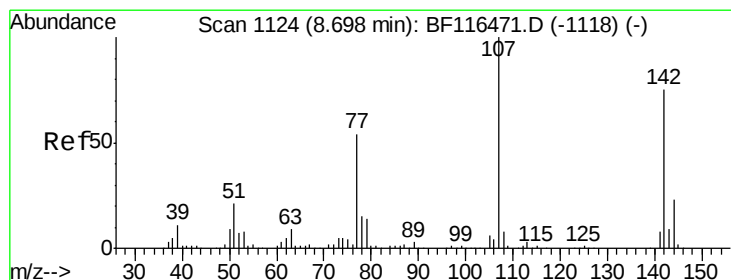
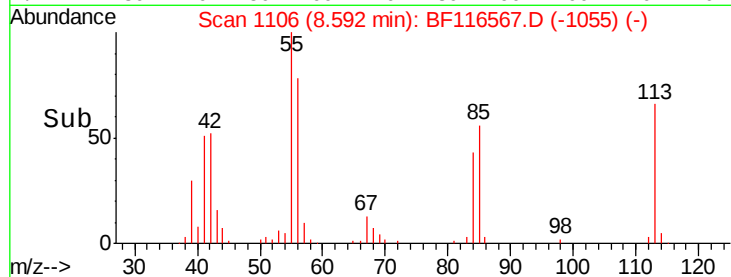
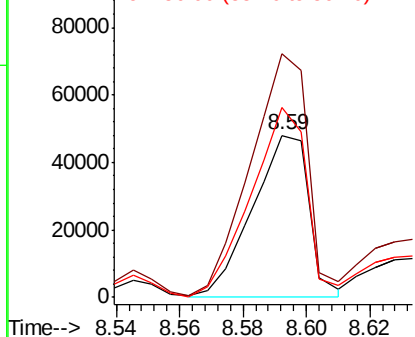
#35
 Caprolactam
 Concen: 22.811 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion:113 Resp: 59746
 Ion Ratio Lower Upper
 113 100
 55 150.4 143.6 183.6
 56 117.5 102.3 142.3

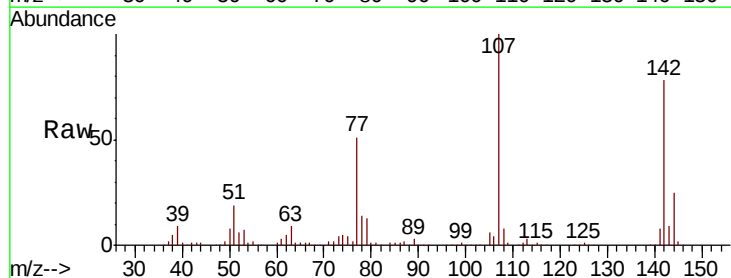


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

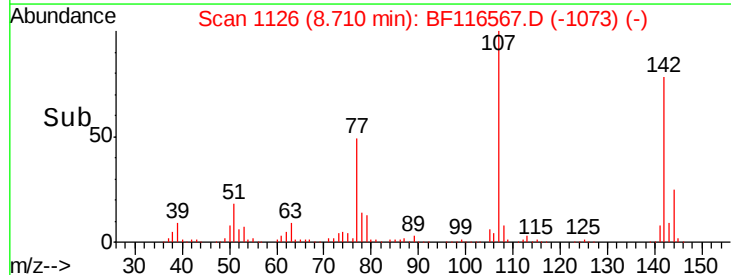
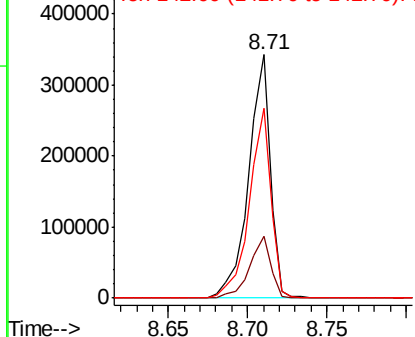


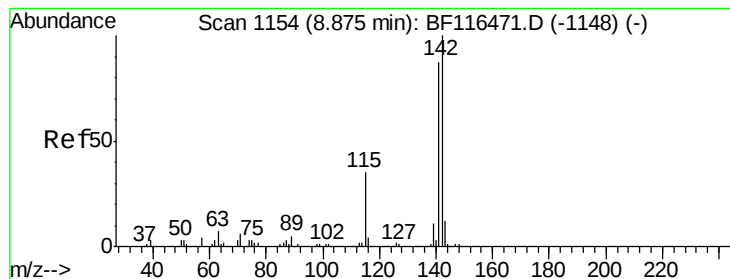
#36
 4-Chloro-3-methylphenol
 Concen: 38.334 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:107 Resp: 325231
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.8 28.2
 142 78.0 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.750 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

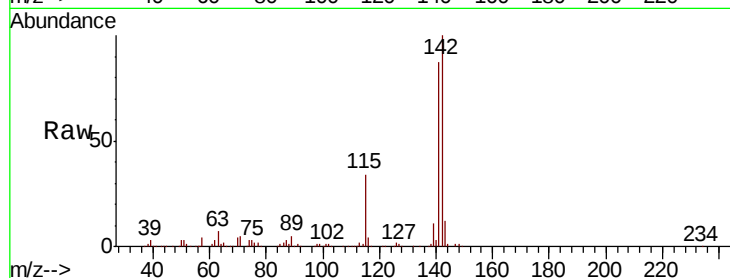
Tgt Ion:142 Resp: 705407

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

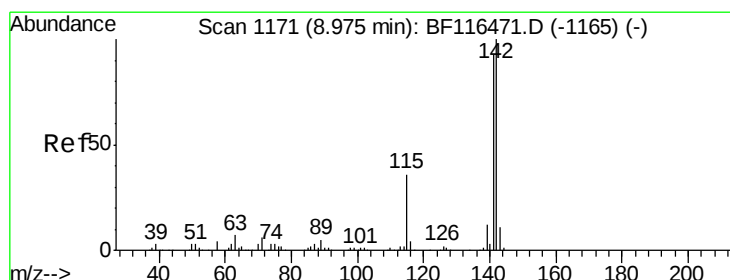
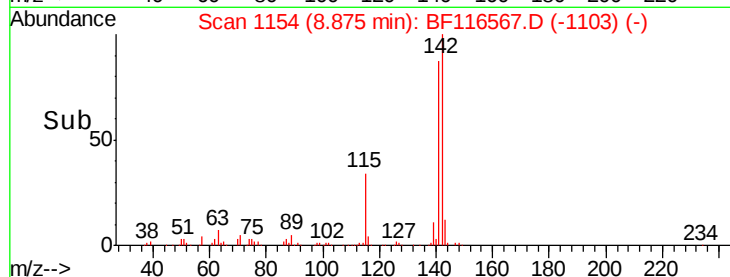
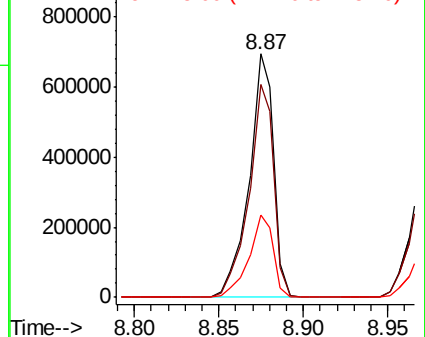
115 34.0 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.446 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

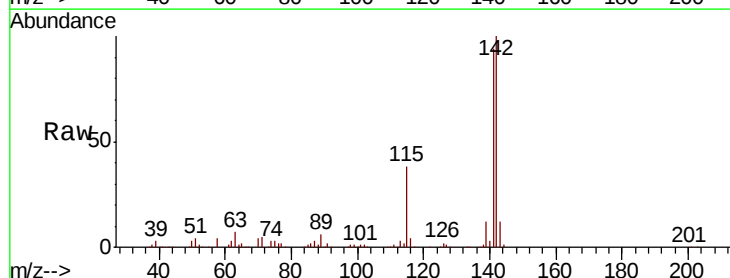
Tgt Ion:142 Resp: 653783

Ion Ratio Lower Upper

142 100

141 94.0 74.2 111.2

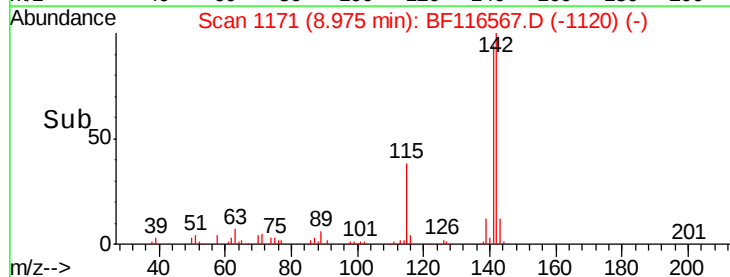
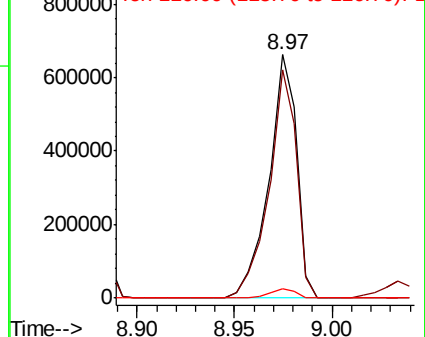
116 3.9 2.9 4.3

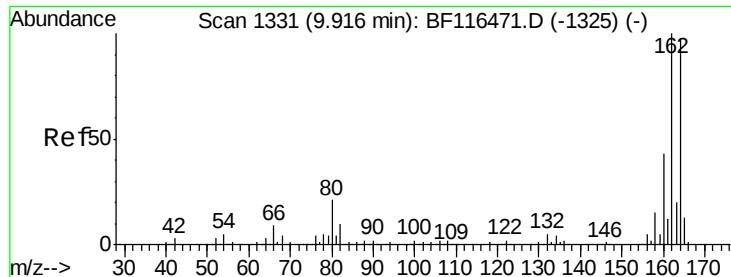


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

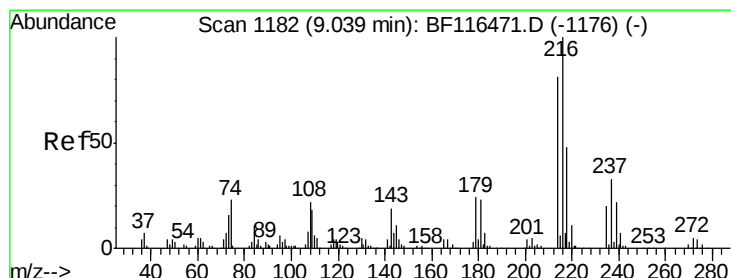
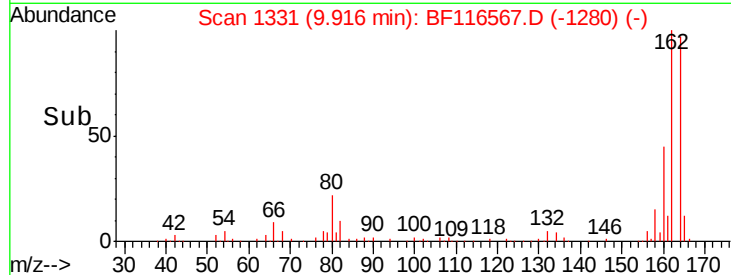
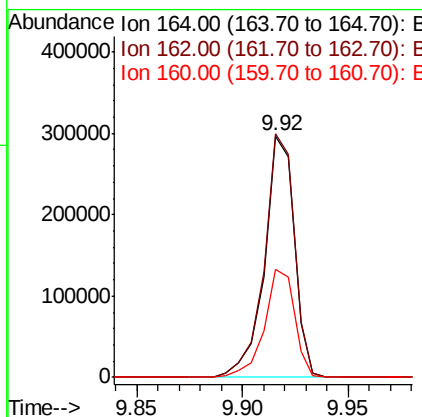
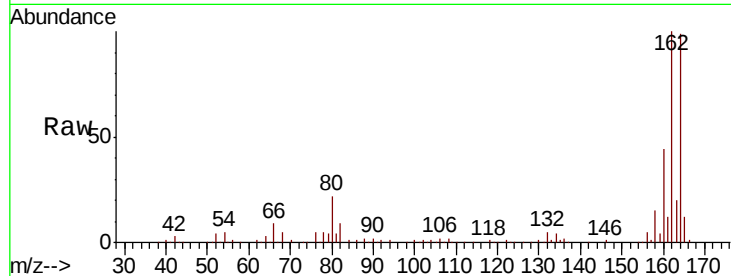




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

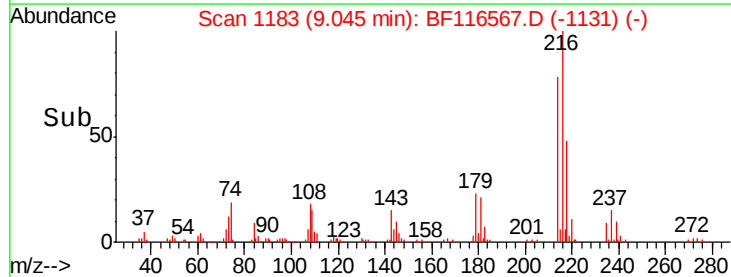
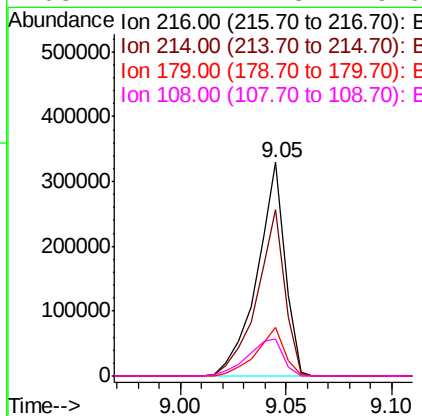
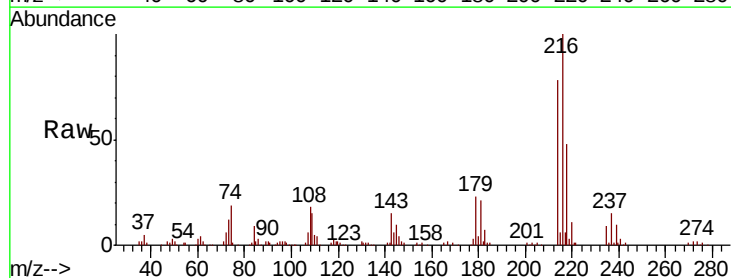
Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

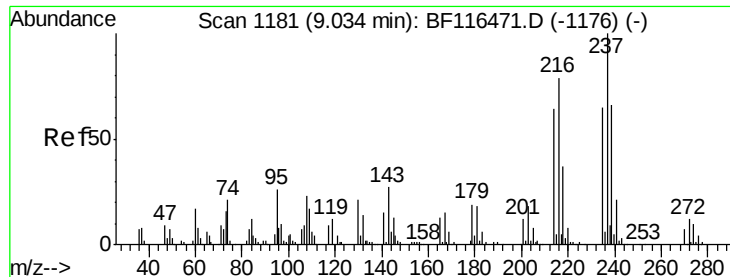
Tgt Ion:	164	Resp:	292161
Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.9	35.8	53.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.660 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:	216	Resp:	303883
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.8	95.8
179	22.7	18.5	27.7
108	22.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 79.272 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

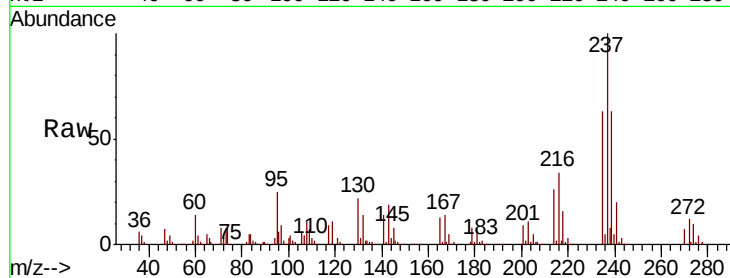
Tgt Ion: 237 Resp: 335250

Ion Ratio Lower Upper

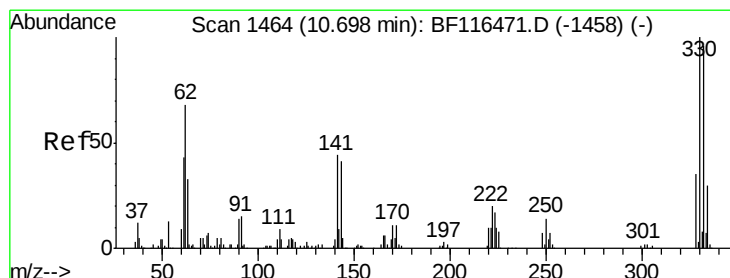
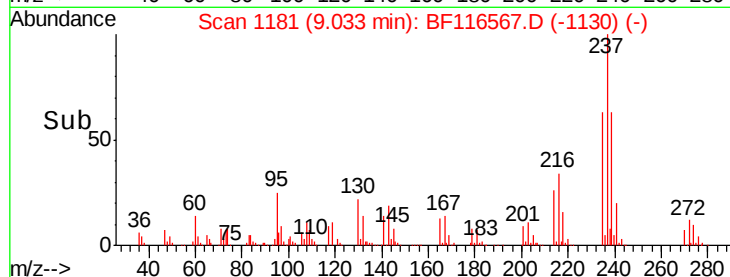
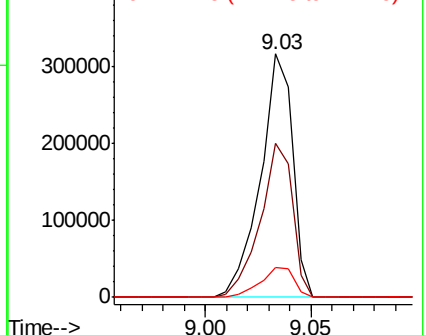
237 100

235 63.2 44.8 84.8

272 12.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.785 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

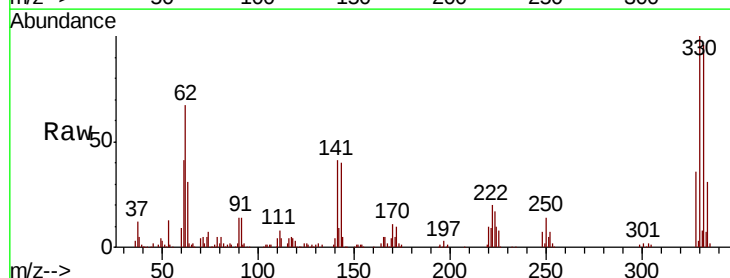
Tgt Ion: 330 Resp: 272909

Ion Ratio Lower Upper

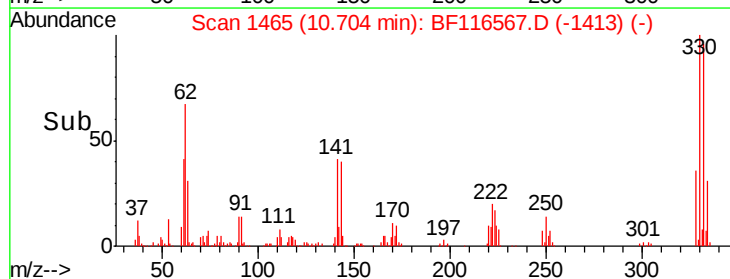
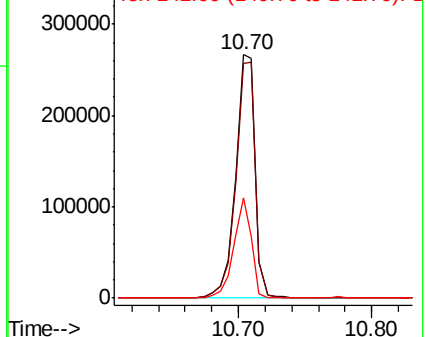
330 100

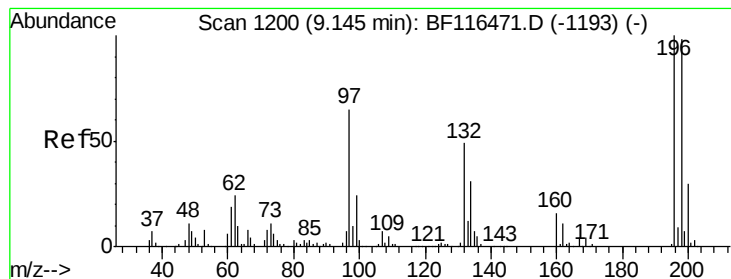
332 96.8 77.2 115.8

141 37.5 33.3 49.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.713 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

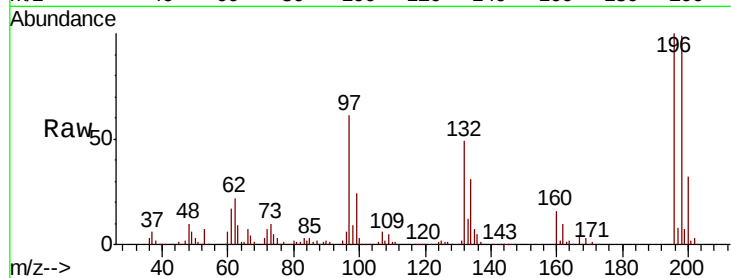
Tgt Ion:196 Resp: 218474

Ion Ratio Lower Upper

196 100

198 98.9 78.0 117.0

200 31.8 24.2 36.2

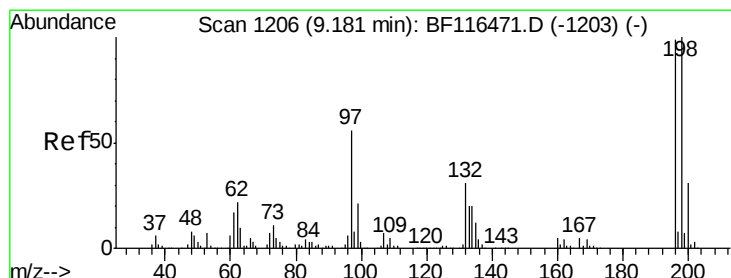
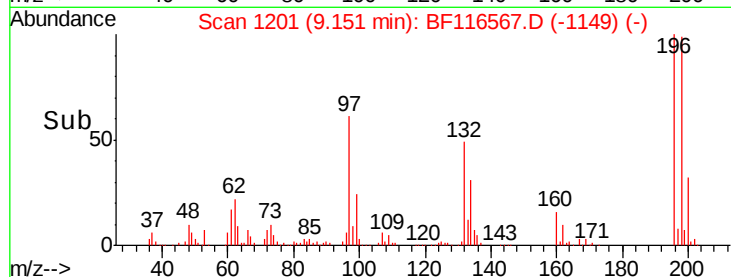
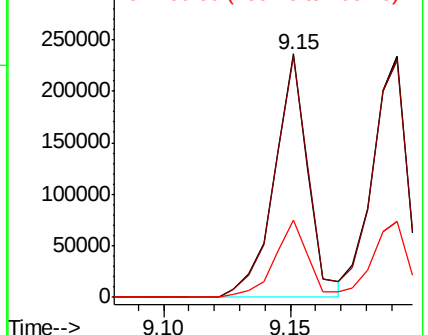


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.748 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:196 Resp: 222495

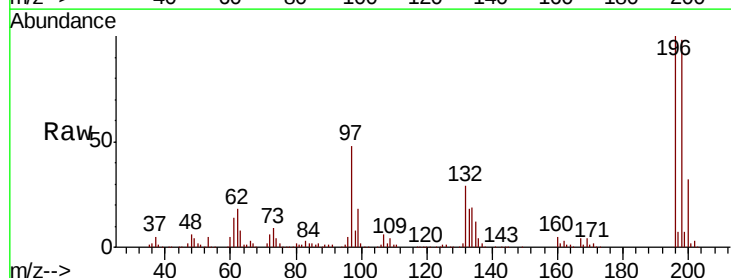
Ion Ratio Lower Upper

196 100

198 98.3 80.8 121.2

97 48.0 45.7 68.5

132 28.9 25.1 37.7



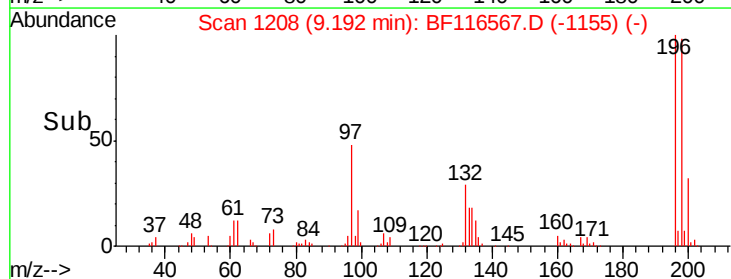
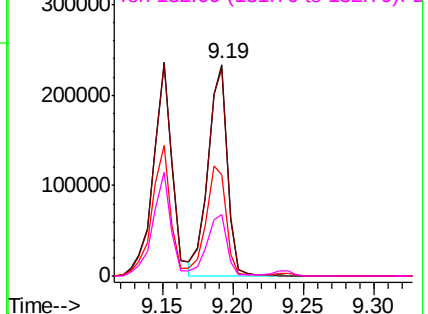
Abundance

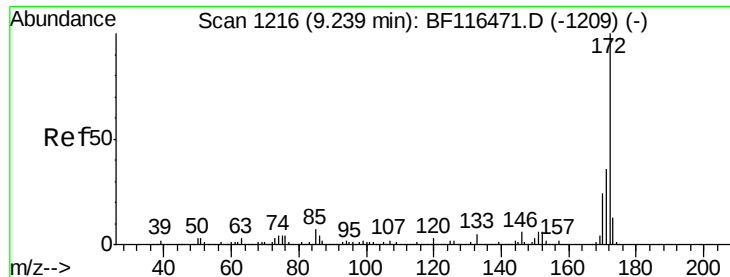
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

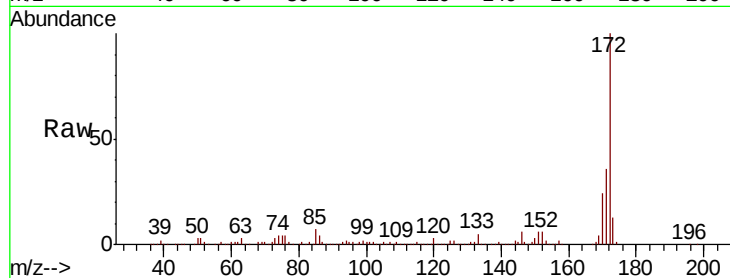




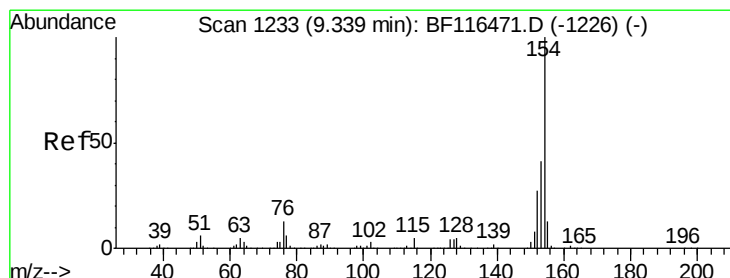
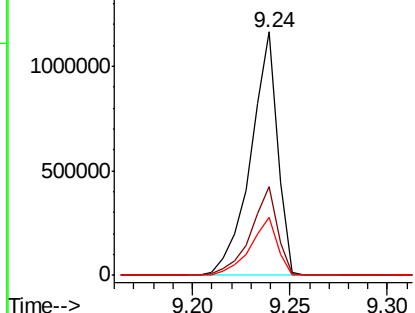
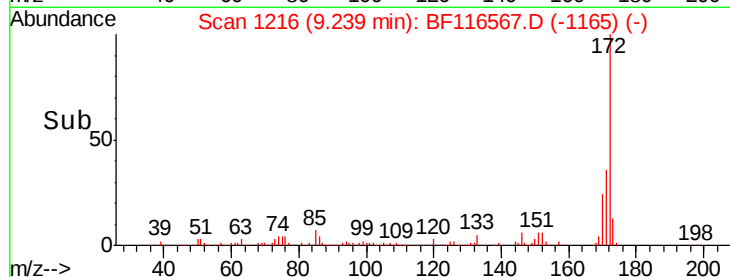
#45
2-Fluorobiphenyl
Concen: 61.320 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion:172 Resp: 1112468
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.9 19.4 29.0

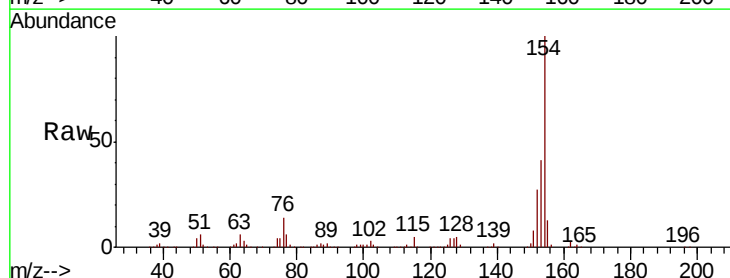


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

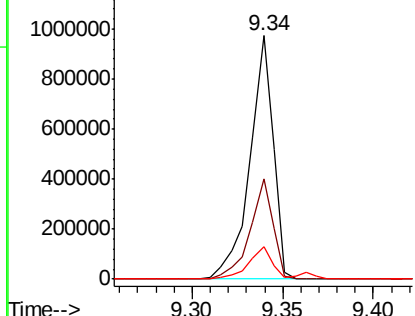
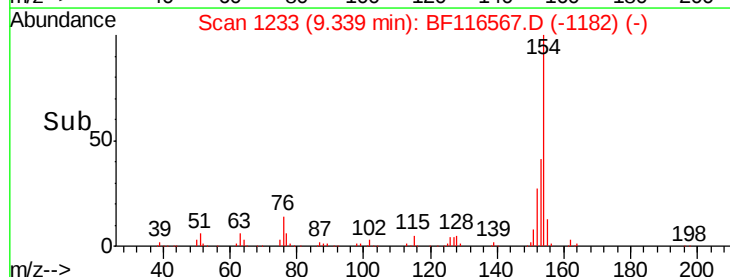


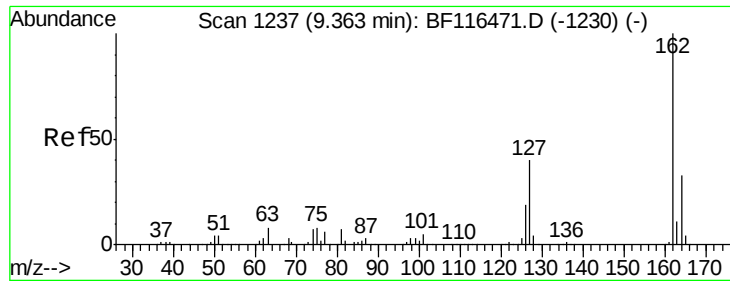
#46
1,1'-Biphenyl
Concen: 37.223 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:154 Resp: 869483
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 13.6 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

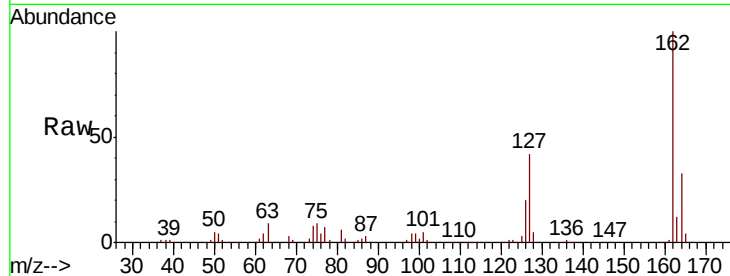




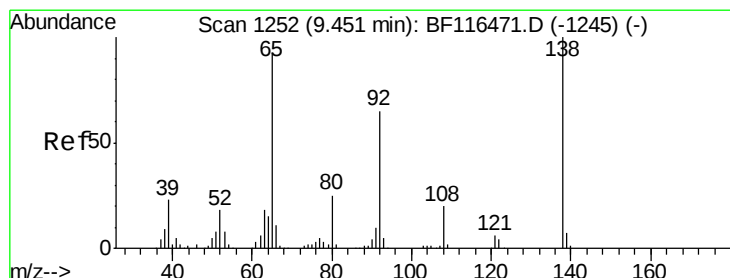
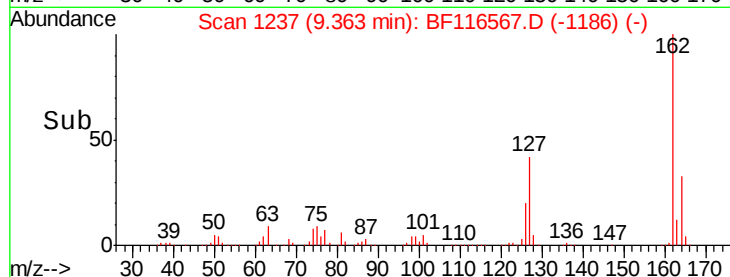
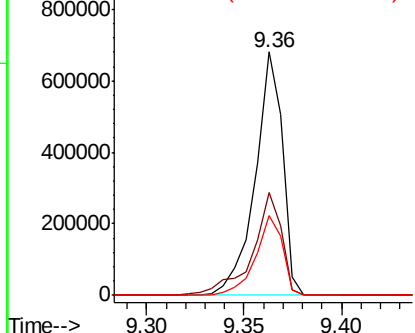
#47
 2-Chloronaphthalene
 Concen: 36.435 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion: 162 Resp: 659792
 Ion Ratio Lower Upper
 162 100
 127 42.1 32.5 48.7
 164 32.8 26.7 40.1

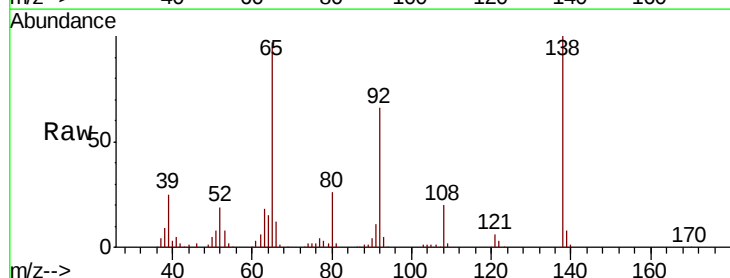


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

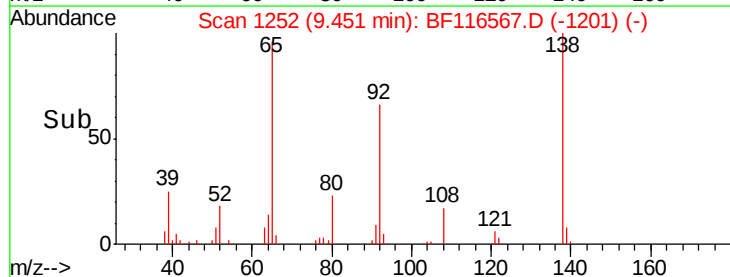
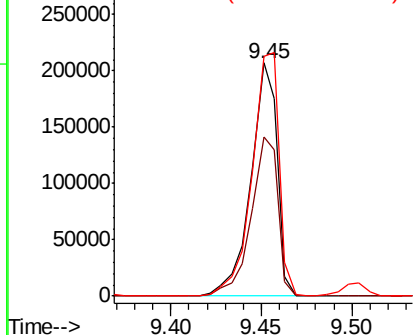


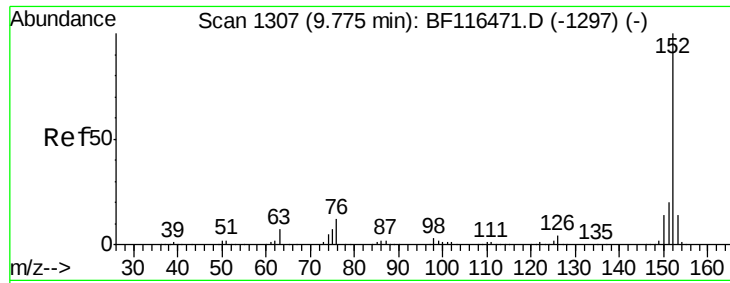
#48
 2-Nitroaniline
 Concen: 37.726 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion: 65 Resp: 209180
 Ion Ratio Lower Upper
 65 100
 92 68.5 56.2 84.2
 138 103.2 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.627 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

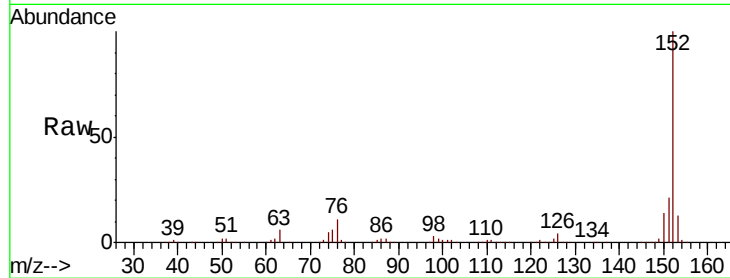
Tgt Ion:152 Resp: 1023402

Ion Ratio Lower Upper

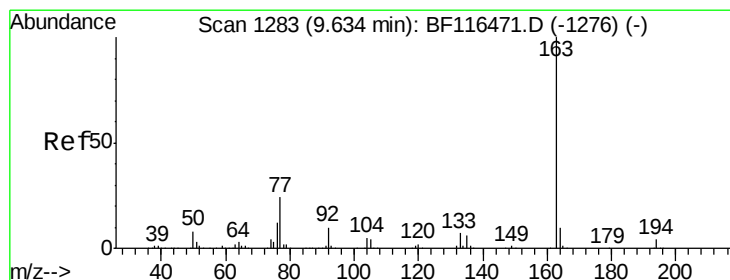
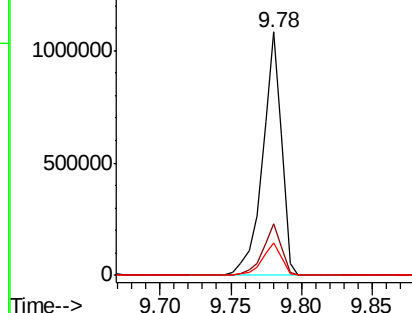
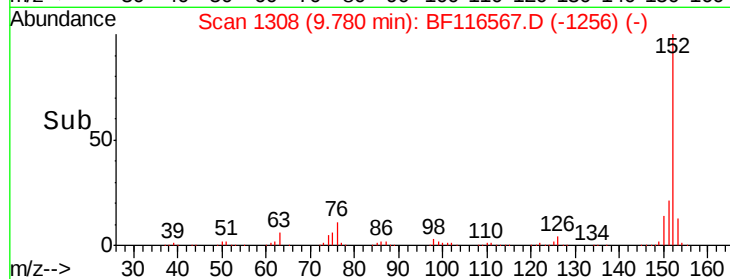
152 100

151 21.1 16.1 24.1

153 13.5 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.817 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

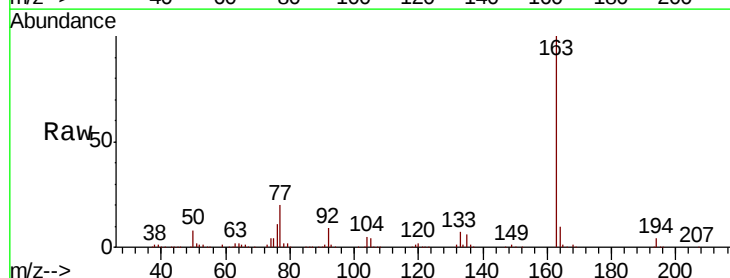
Tgt Ion:163 Resp: 770875

Ion Ratio Lower Upper

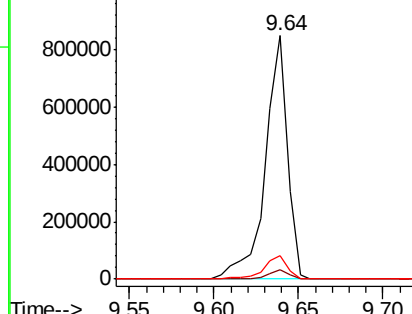
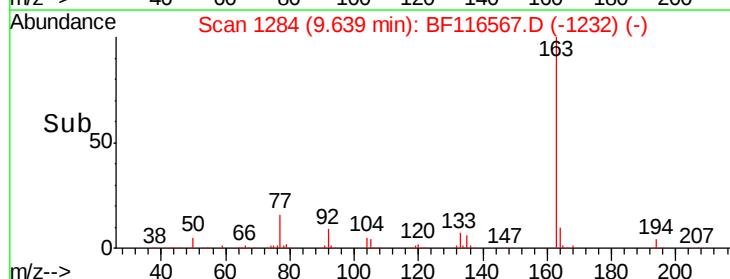
163 100

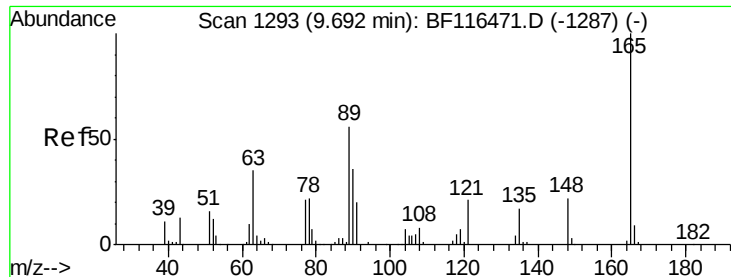
194 3.9 2.9 4.3

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

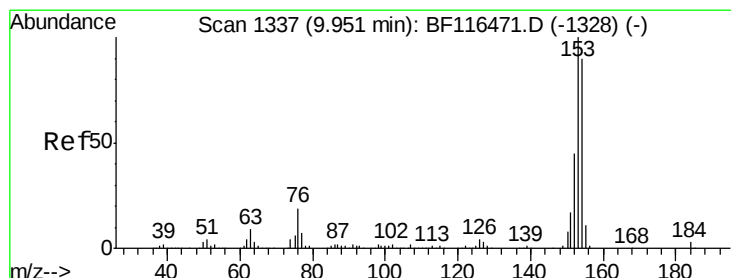
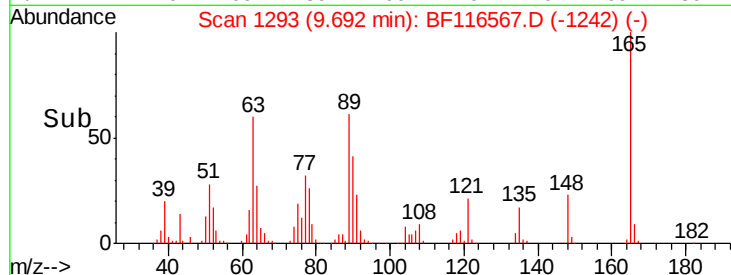
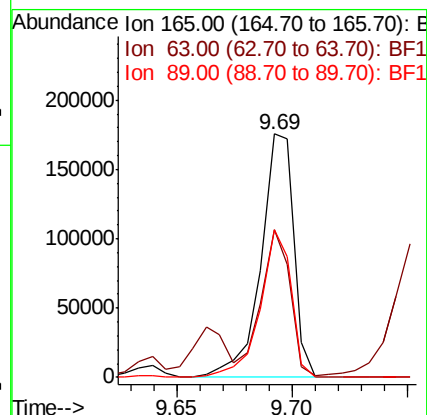
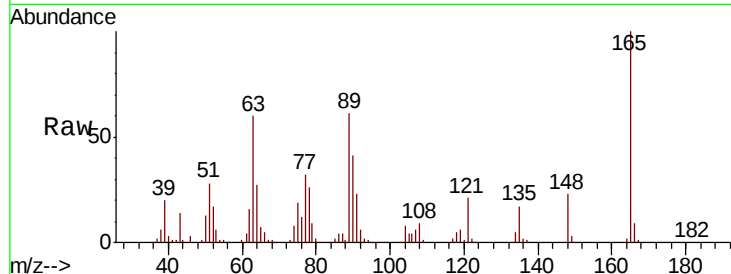




#51
 2,6-Dinitrotoluene
 Concen: 41.837 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

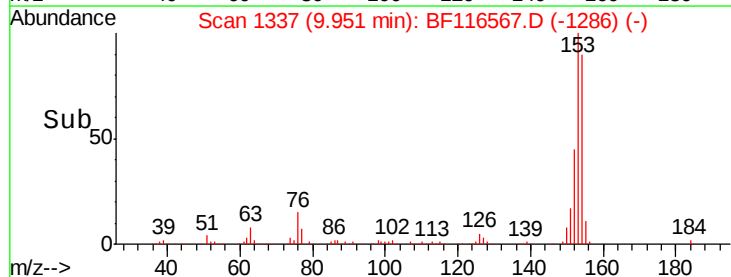
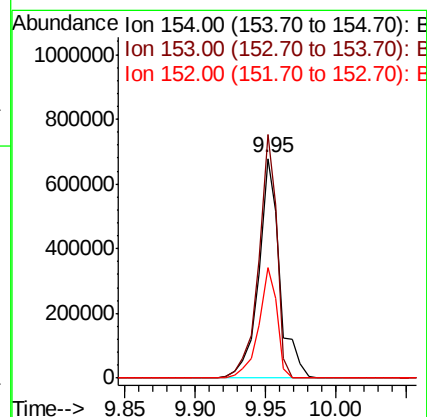
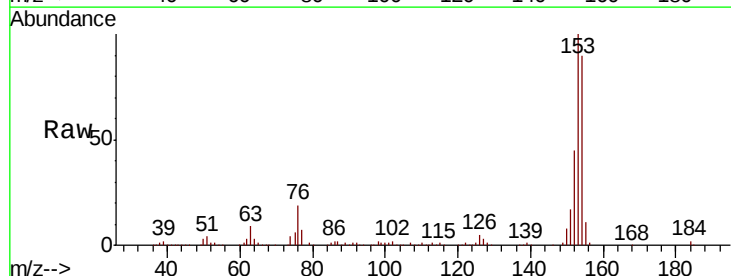
Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

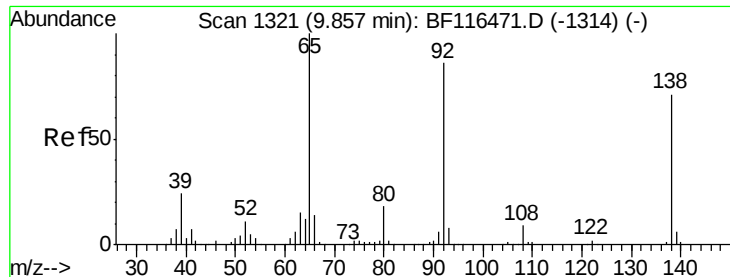
Tgt Ion:165 Resp: 174559
 Ion Ratio Lower Upper
 165 100
 63 60.4 43.7 65.5
 89 60.8 45.1 67.7



#52
 Acenaphthene
 Concen: 41.775 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:154 Resp: 710203
 Ion Ratio Lower Upper
 154 100
 153 111.0 89.3 133.9
 152 50.3 40.2 60.4

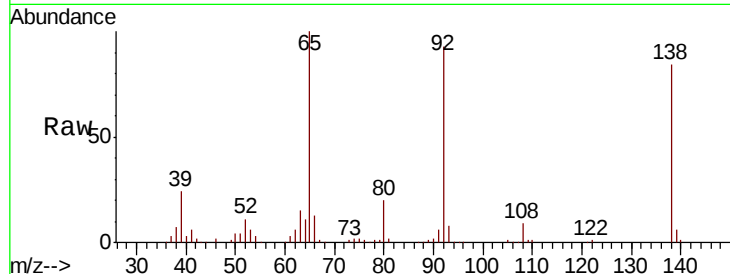




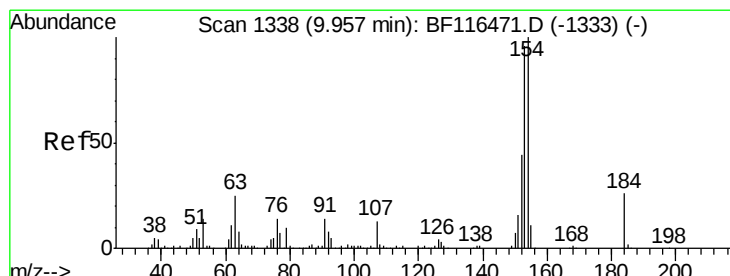
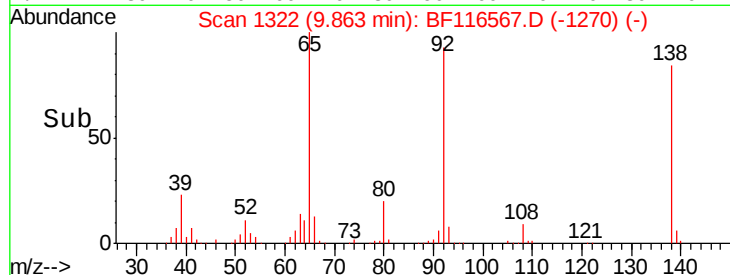
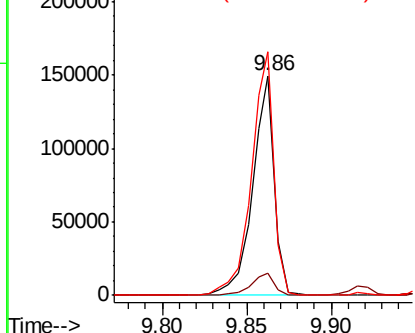
#53
3-Nitroaniline
Concen: 26.897 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion:138 Resp: 133772
Ion Ratio Lower Upper
138 100
108 10.2 10.0 15.0
92 110.9 97.7 146.5

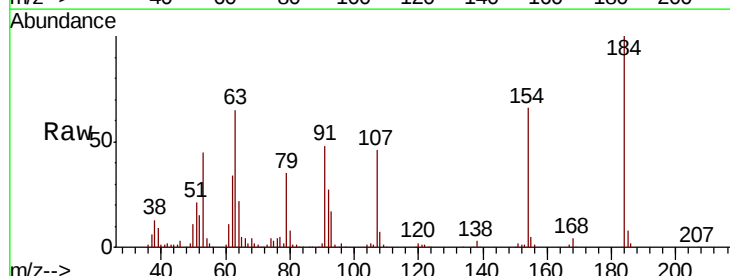


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

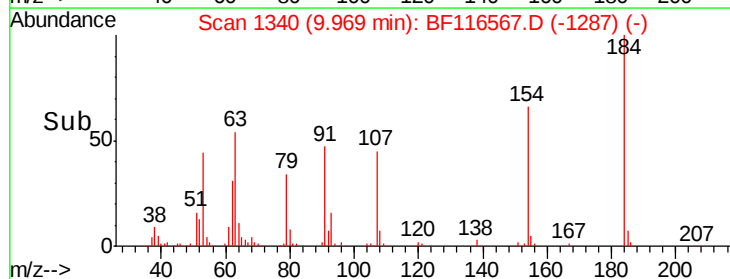
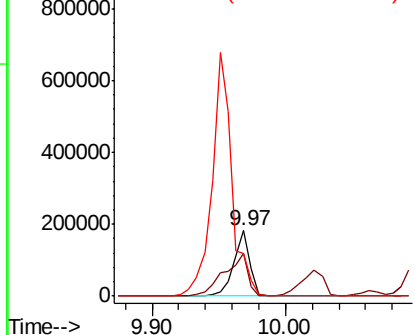


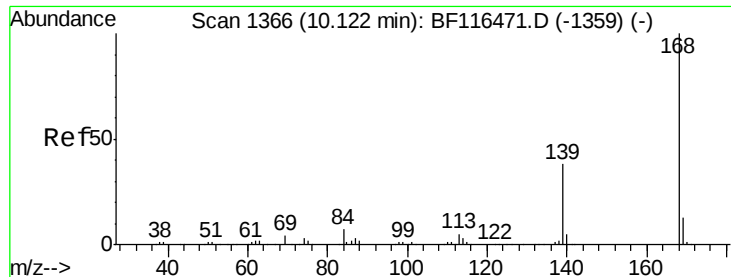
#54
2,4-Dinitrophenol
Concen: 93.207 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:184 Resp: 154810
Ion Ratio Lower Upper
184 100
63 65.1 78.2 117.4#
154 66.4 320.4 480.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

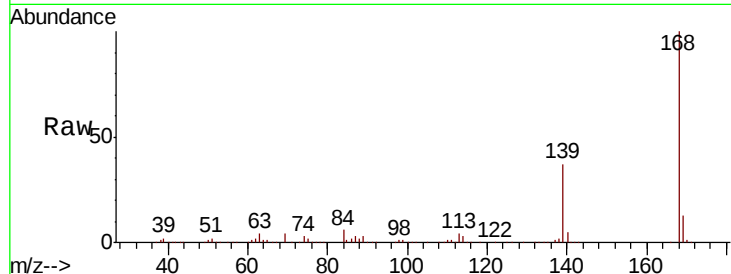




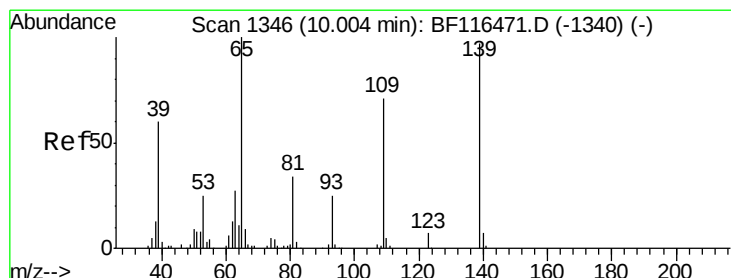
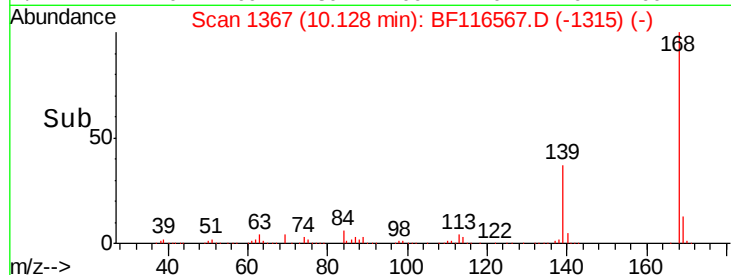
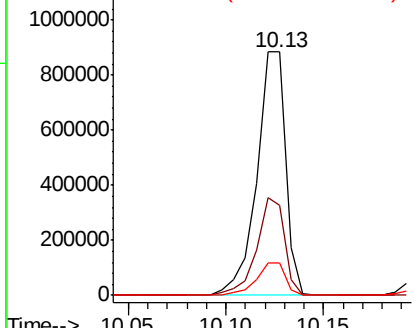
#55
Dibenzenofuran
Concen: 38.342 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tgt Ion:168 Resp: 908649
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1
169 13.3 10.7 16.1

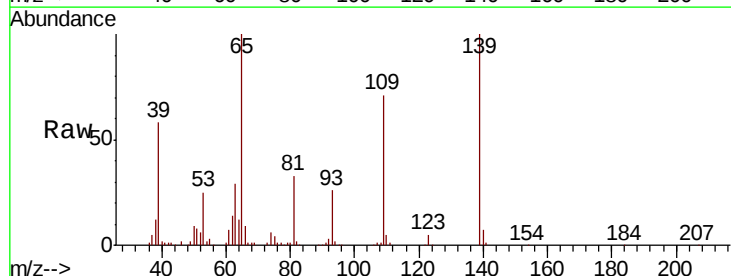


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

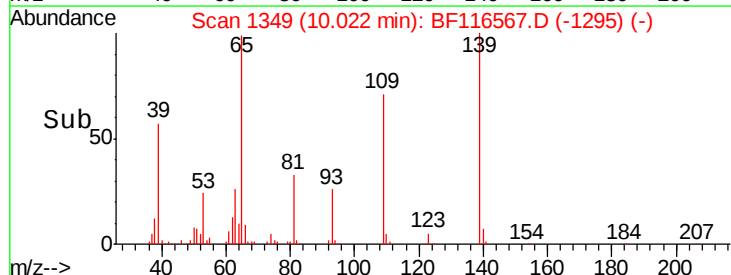
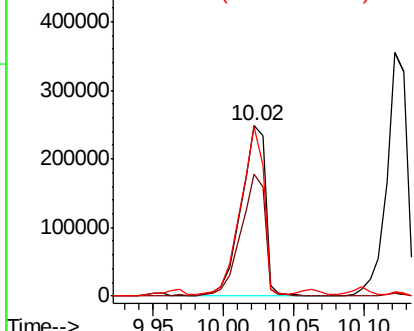


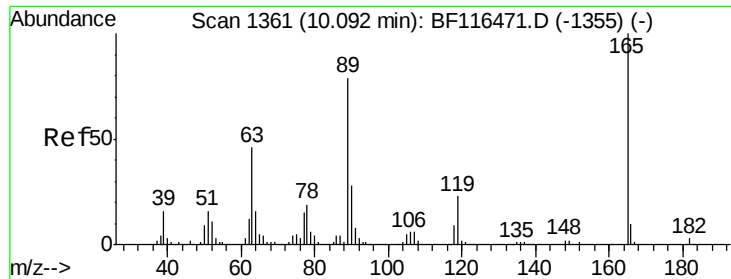
#56
4-Nitrophenol
Concen: 77.231 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:139 Resp: 298548
Ion Ratio Lower Upper
139 100
109 71.5 53.4 93.4
65 99.6 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

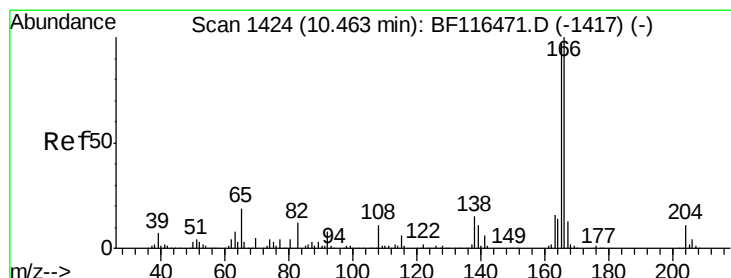
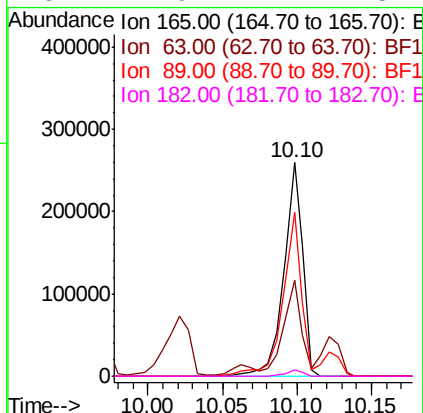
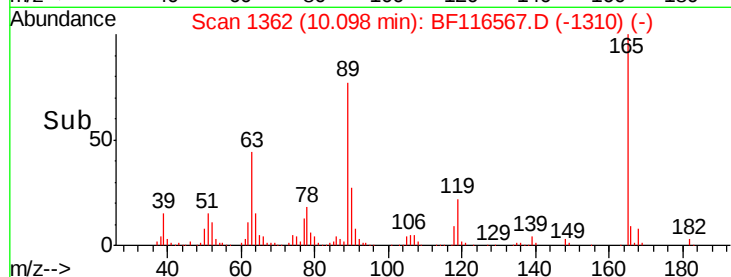
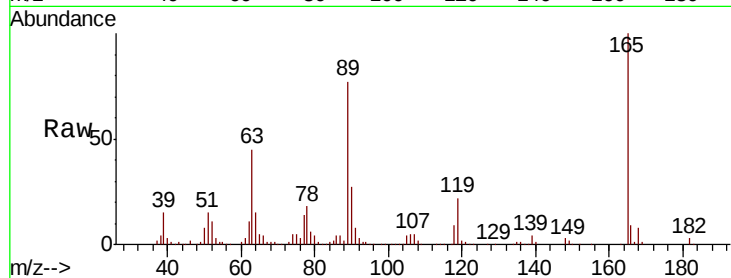




#57
2,4-Dinitrotoluene
Concen: 43.922 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

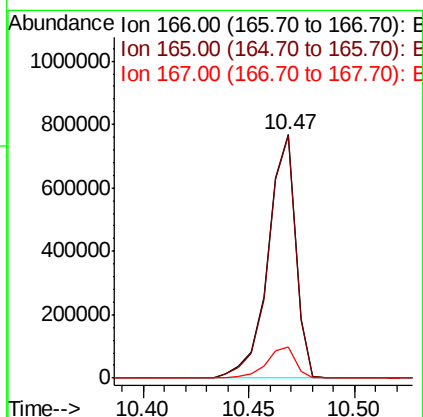
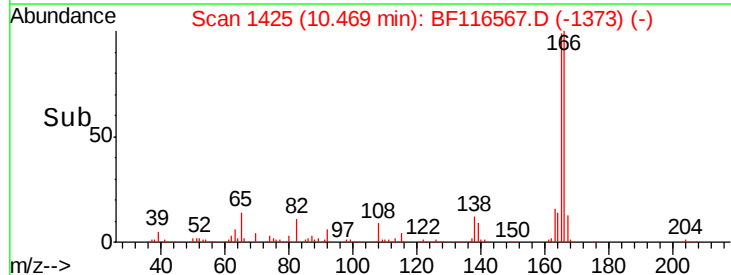
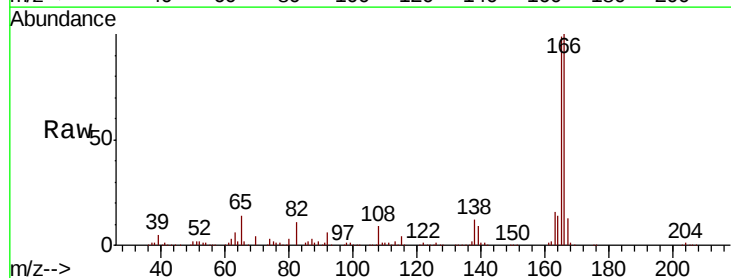
Instrument :
BNA_F
ClientSampleId :
PB122528BS

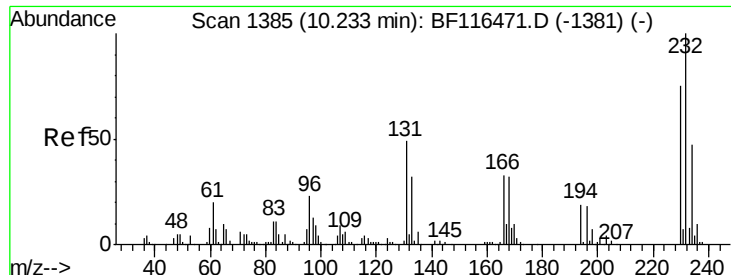
Tgt Ion:	165	Resp:	233188
Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.9	55.3
89	76.9	63.4	95.0
182	2.9	2.1	3.1



#58
Fluorene
Concen: 38.055 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	166	Resp:	700675
Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.4	116.0
167	12.9	10.8	16.2

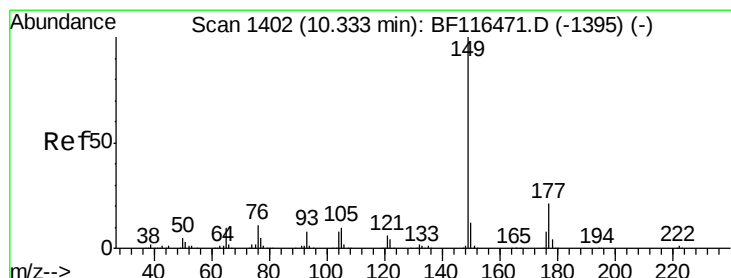
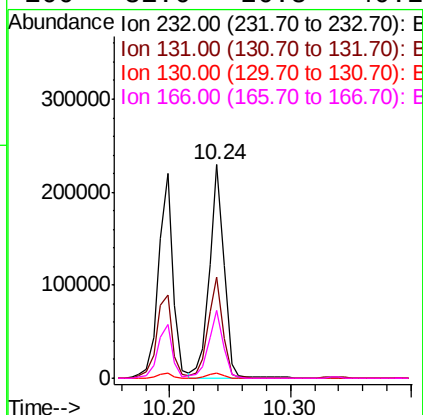
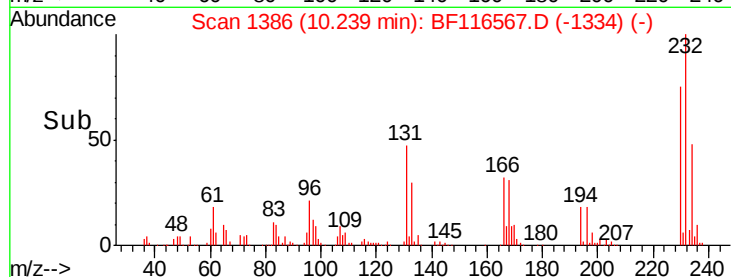
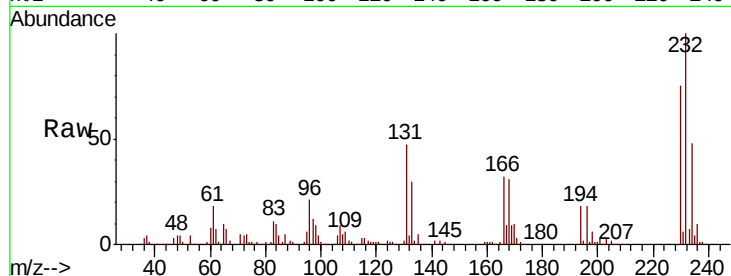




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.870 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

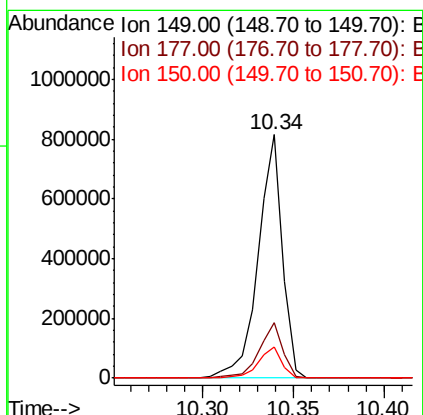
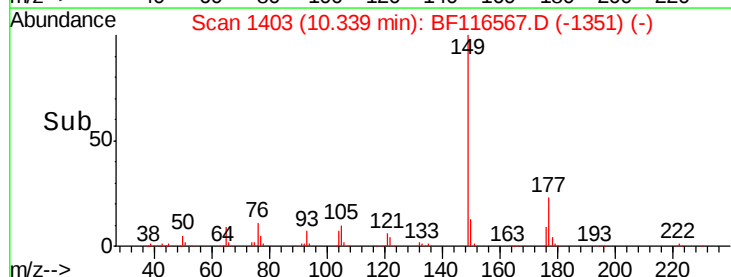
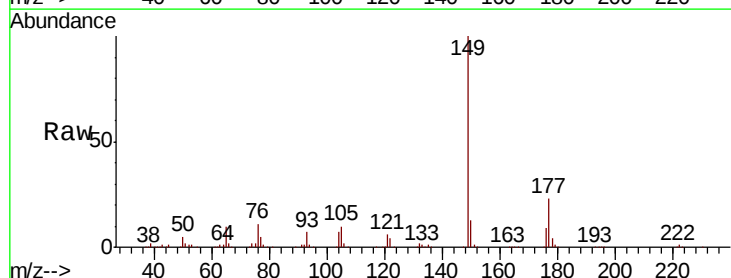
Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

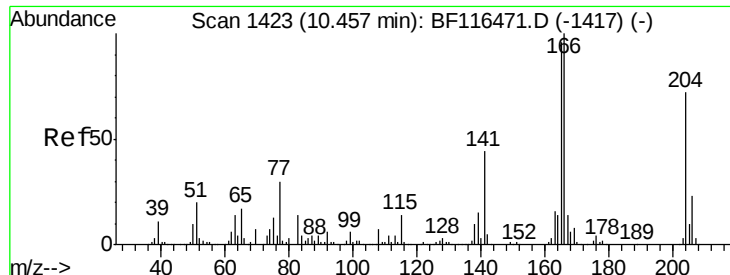
Tgt Ion:	232	Resp:	192440
Ion	Ratio	Lower	Upper
232	100		
131	46.7	40.8	61.2
130	2.4	1.8	2.8
166	31.6	26.8	40.2



#60
 Diethylphthalate
 Concen: 37.683 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:	149	Resp:	754986
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.1	25.7
150	12.6	9.8	14.6

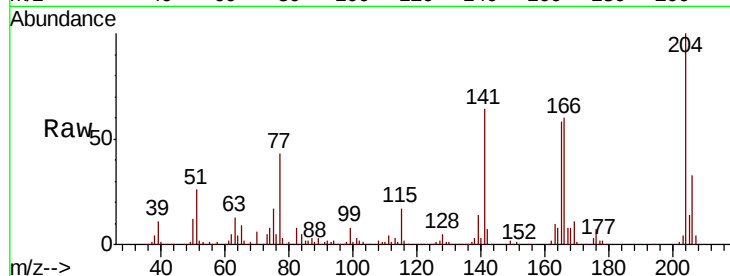




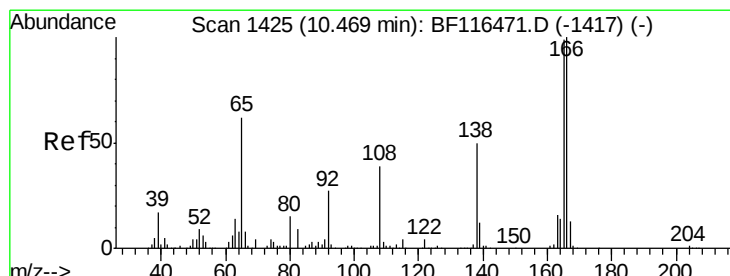
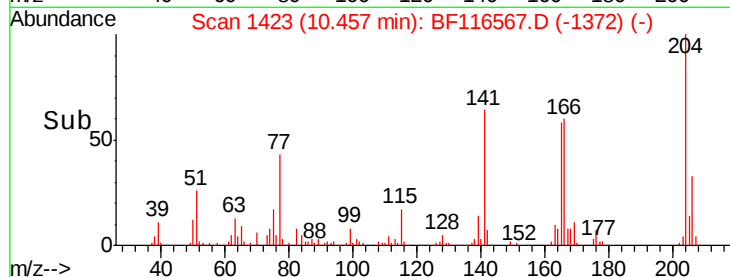
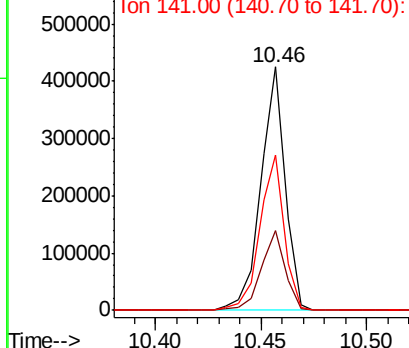
#61
 4-Chlorophenyl-phenylether
 Concen: 37.843 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion: 204 Resp: 339923
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.9 38.9
 141 64.0 48.6 73.0

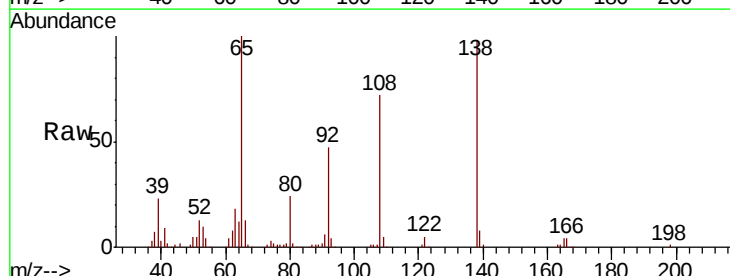


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

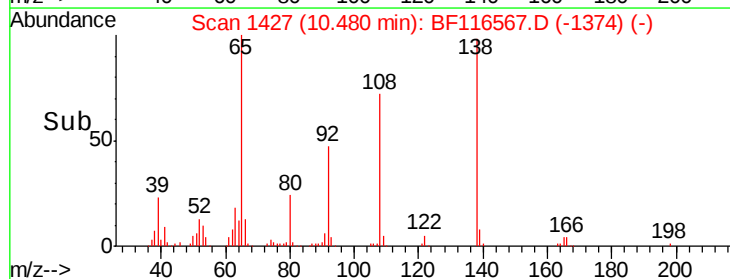
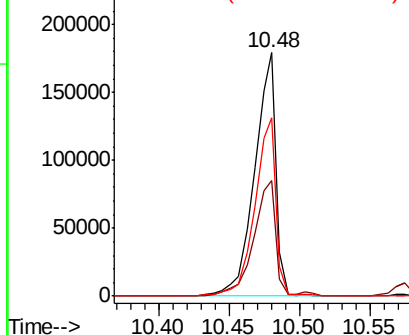


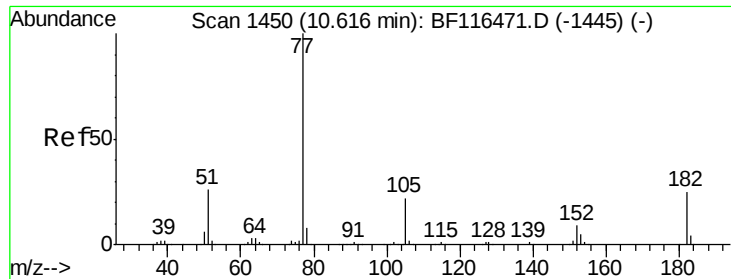
#62
 4-Nitroaniline
 Concen: 39.259 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion: 138 Resp: 190960
 Ion Ratio Lower Upper
 138 100
 92 47.7 34.9 74.9
 108 73.3 57.7 97.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.931 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

Tgt Ion: 77 Resp: 760767

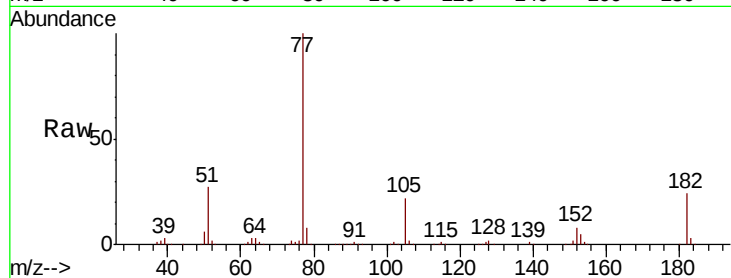
Ion Ratio Lower Upper

77 100

182 23.9 5.4 45.4

105 21.7 1.6 41.6

51 27.0 6.2 46.2

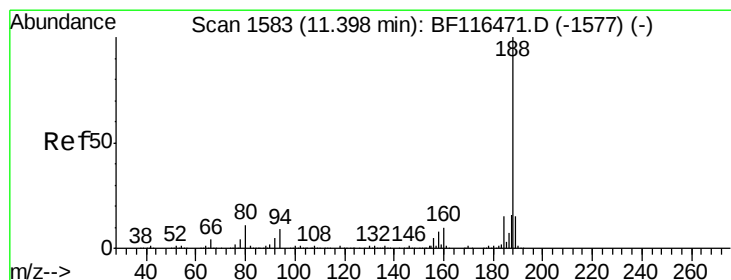
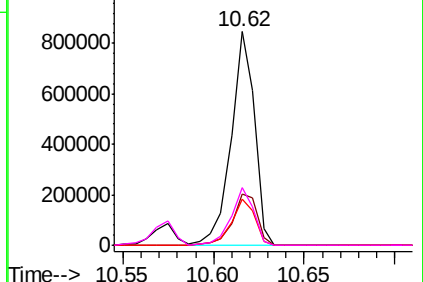
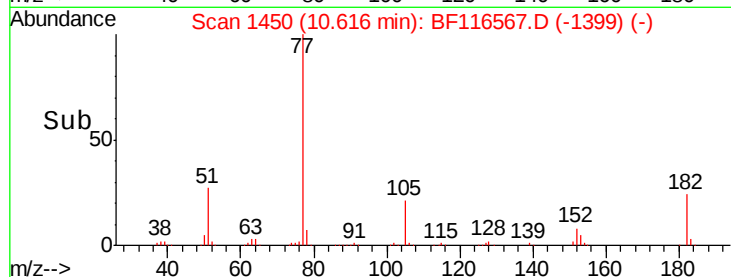


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

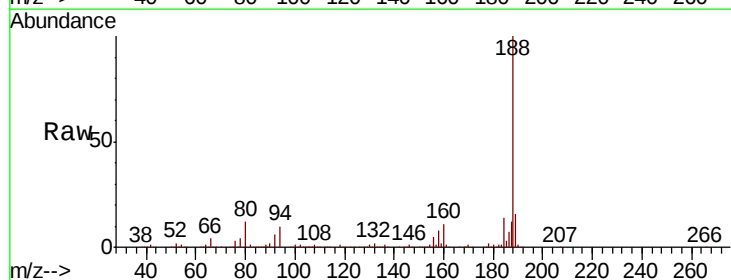
Tgt Ion: 188 Resp: 513055

Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

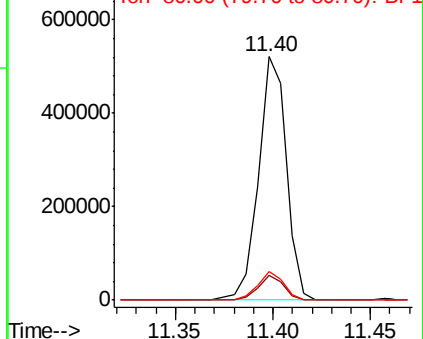
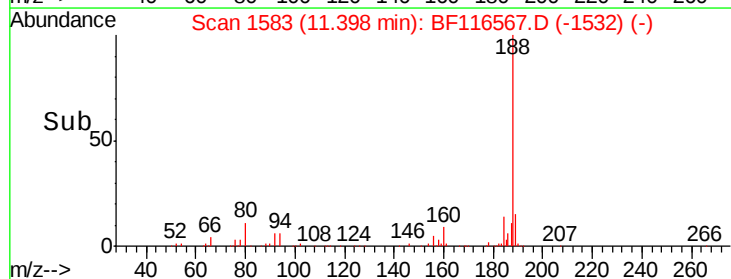
80 11.7 8.6 12.8

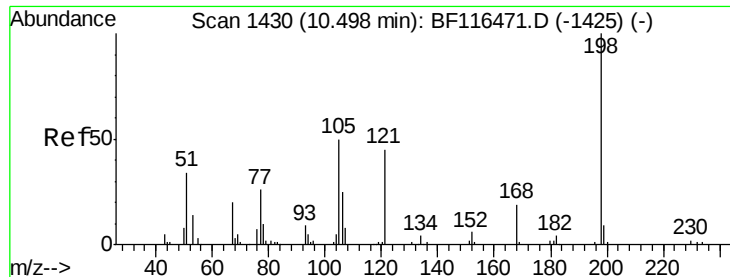


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

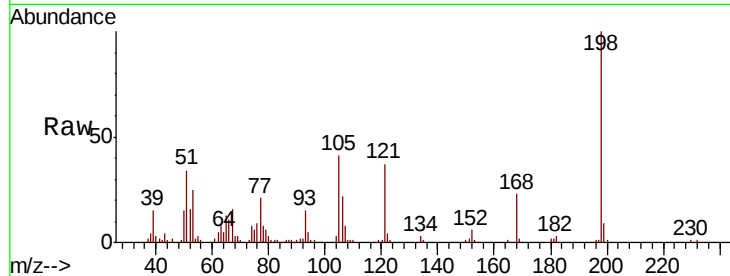




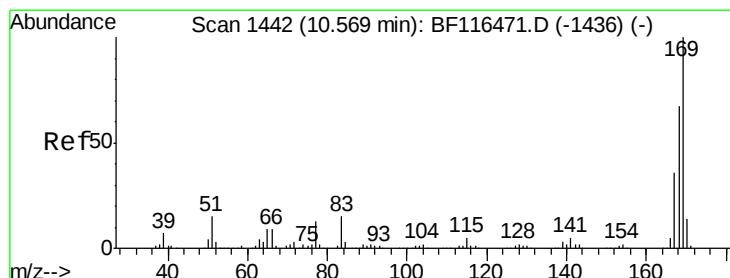
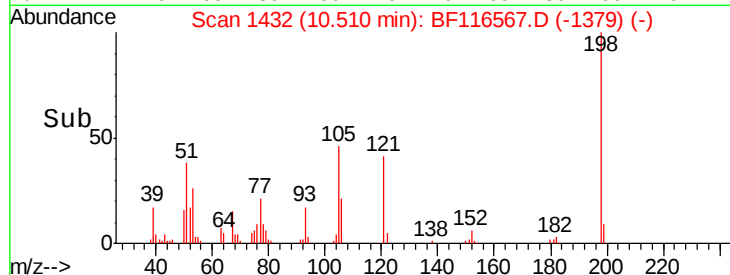
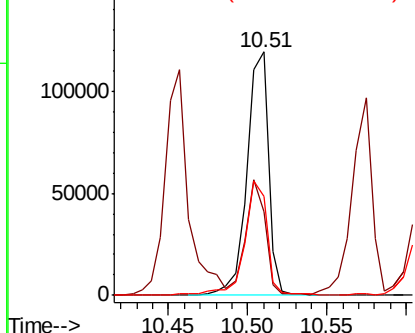
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.601 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion:198 Resp: 112314
 Ion Ratio Lower Upper
 198 100
 51 34.1 30.4 70.4
 105 40.6 32.8 72.8

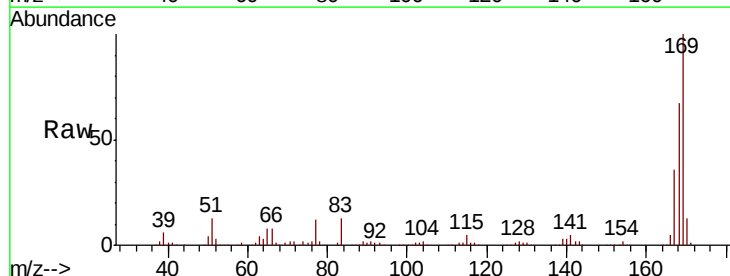


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

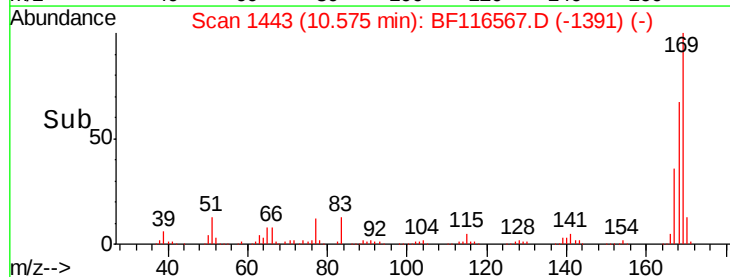
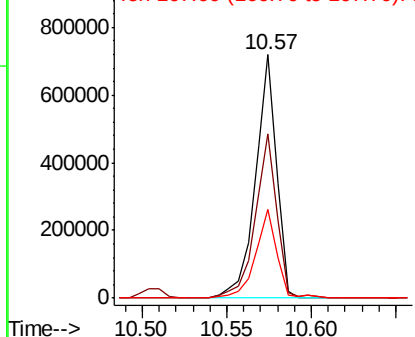


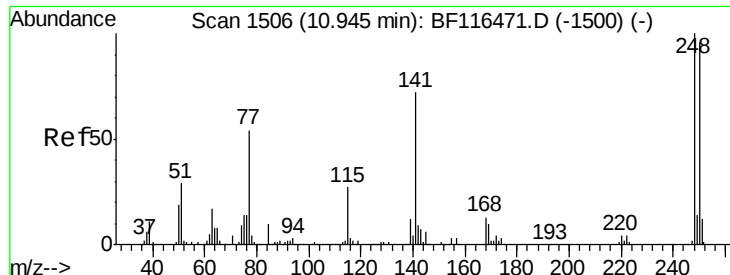
#66
 n-Nitrosodiphenylamine
 Concen: 37.985 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:169 Resp: 631027
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.6 80.4
 167 36.4 28.7 43.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

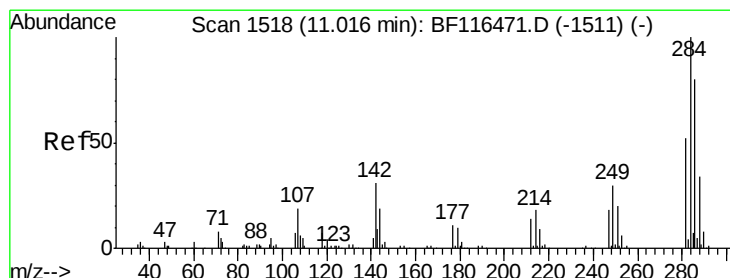
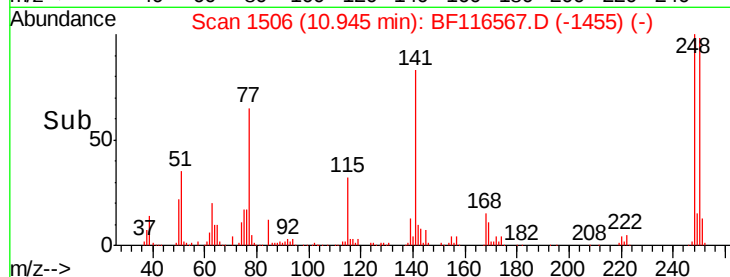
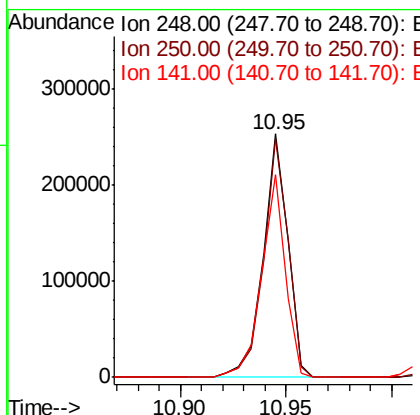
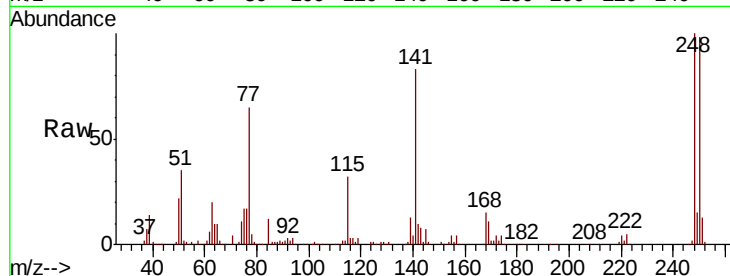




#67
 4-Bromophenyl-phenylether
 Concen: 38.226 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

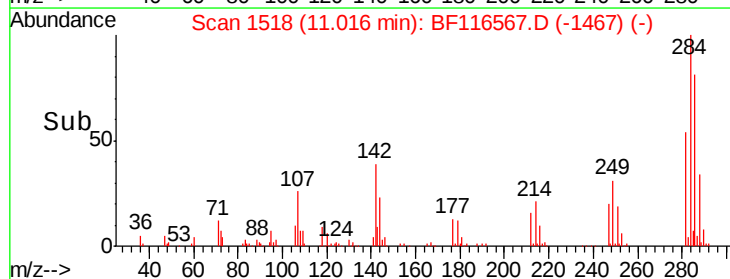
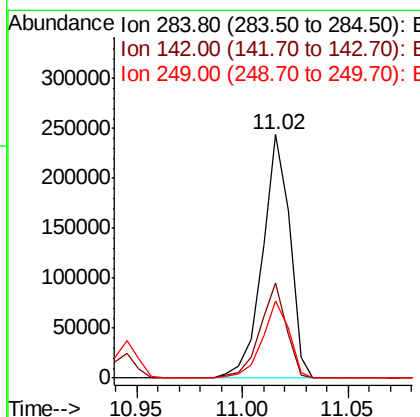
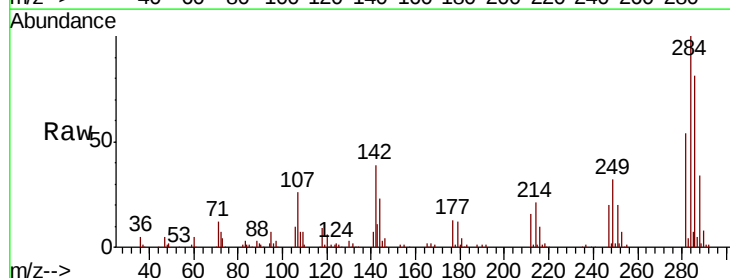
Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

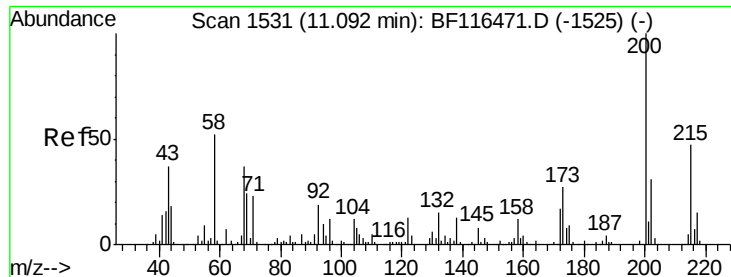
Tgt Ion: 248 Resp: 205612
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.0 115.6
 141 83.0 57.4 86.0



#68
 Hexachlorobenzene
 Concen: 36.953 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion: 284 Resp: 219841
 Ion Ratio Lower Upper
 284 100
 142 39.2 24.6 36.8#
 249 31.5 24.1 36.1

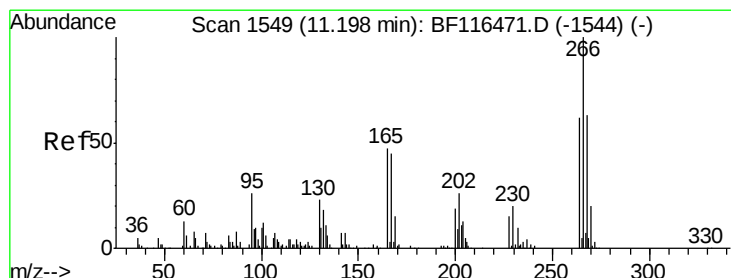
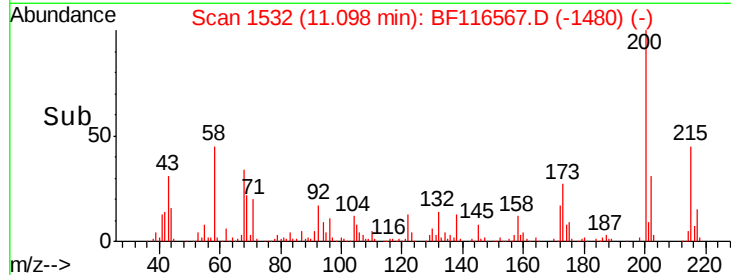
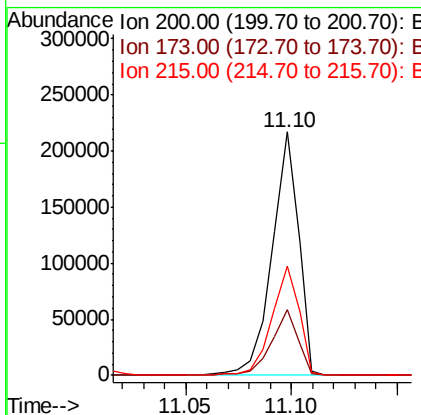
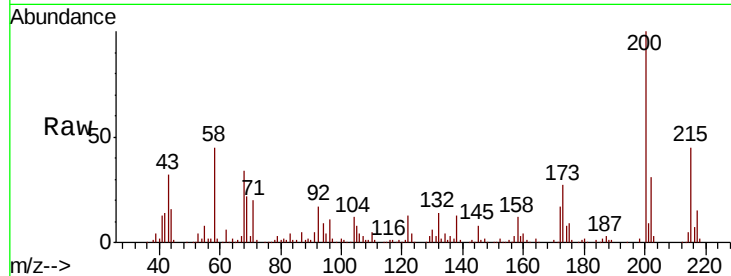




#69
 Atrazine
 Concen: 38.015 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

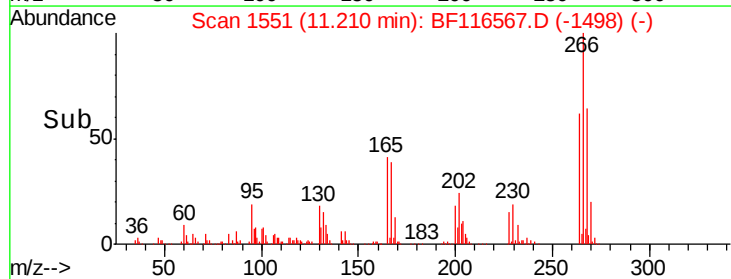
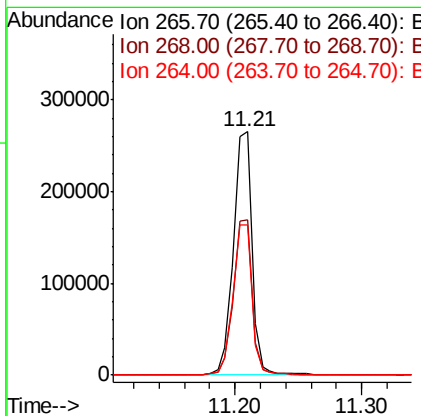
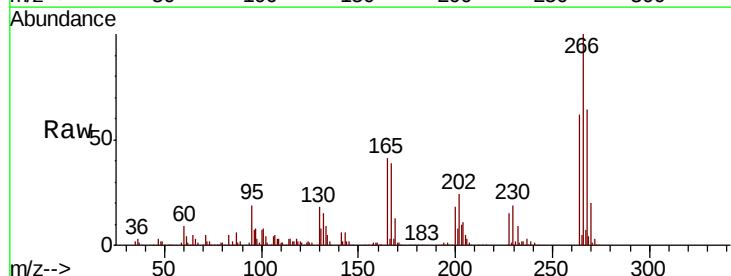
Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

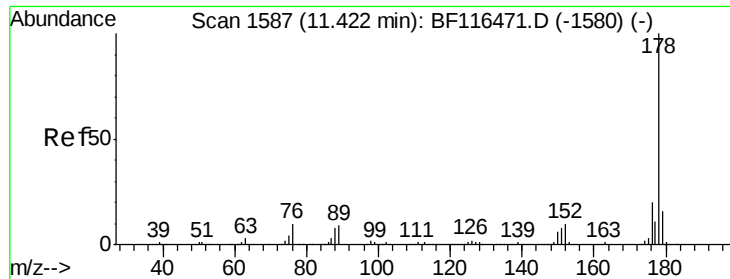
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.3	47.3
215	44.7	26.7	66.7



#70
 Pentachlorophenol
 Concen: 77.985 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.7	76.1
264	61.9	50.0	75.0

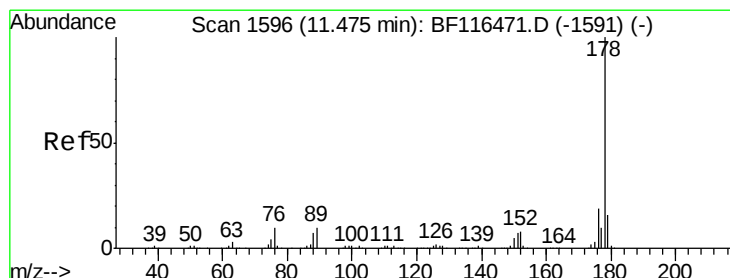
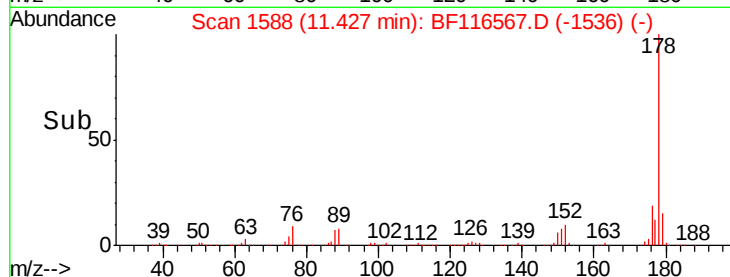
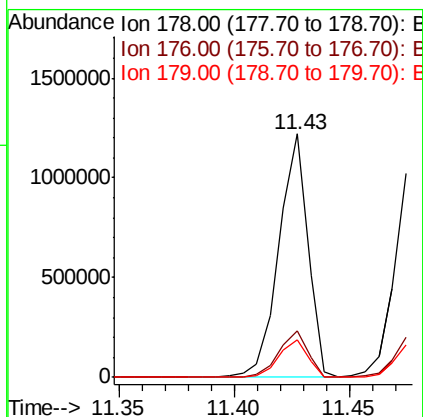
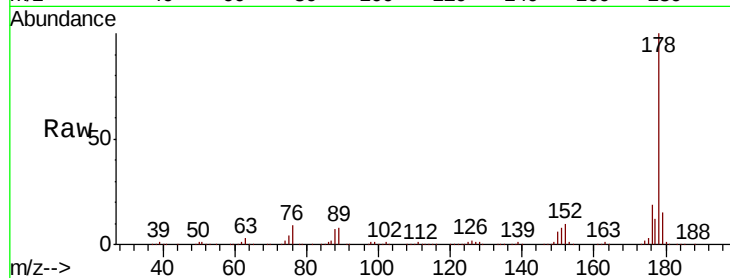




#71
Phenanthrene
Concen: 38.012 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

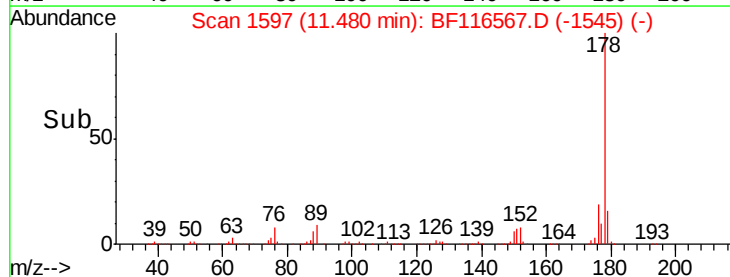
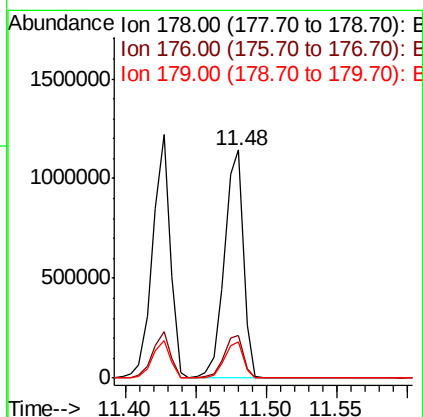
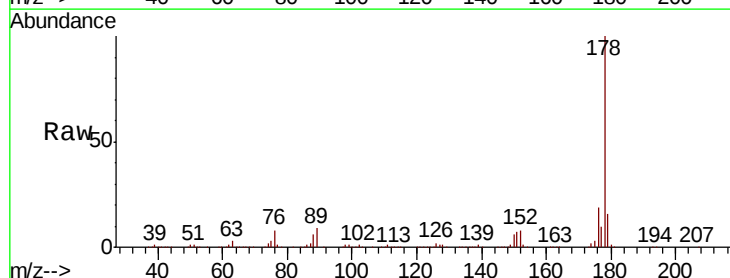
Instrument :
BNA_F
ClientSampleId :
PB122528BS

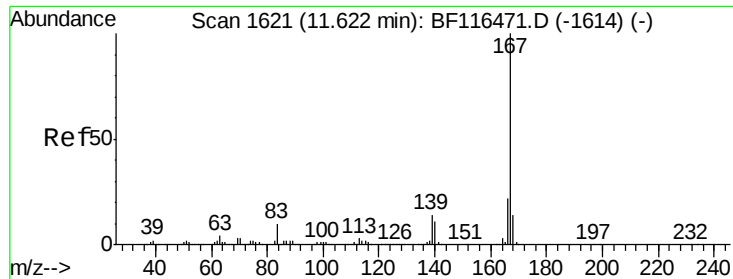
Tgt Ion:178 Resp: 1062407
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.4 12.8 19.2



#72
Anthracene
Concen: 38.222 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:178 Resp: 1073461
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.5 18.7

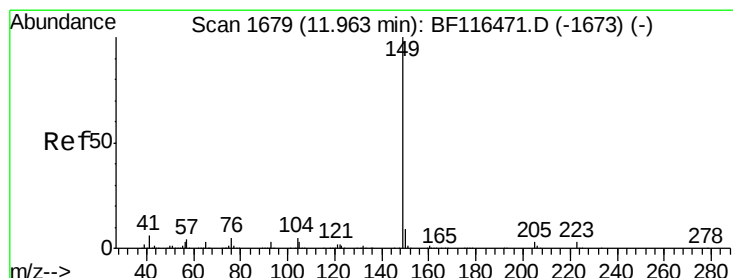
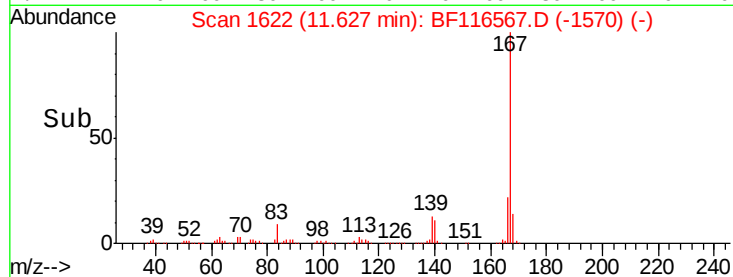
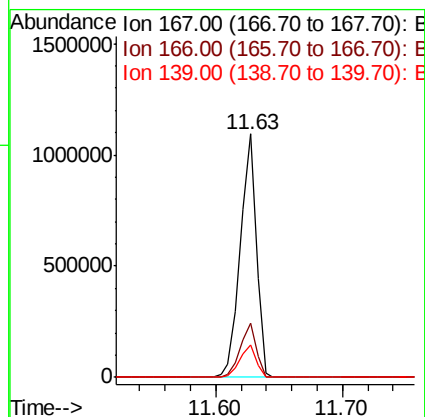
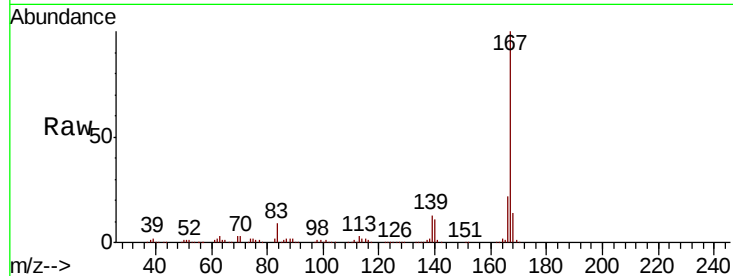




#73
 Carbazole
 Concen: 37.748 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

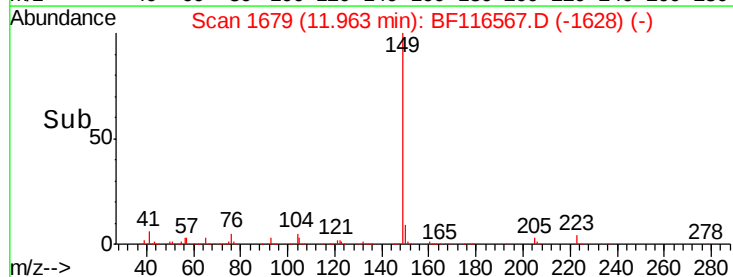
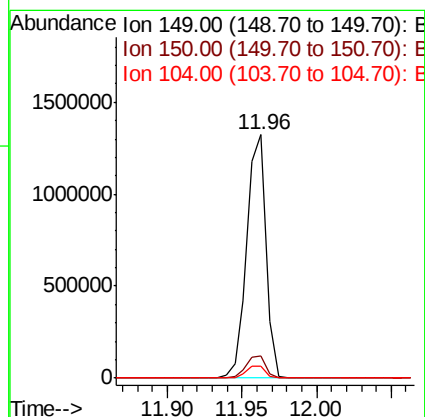
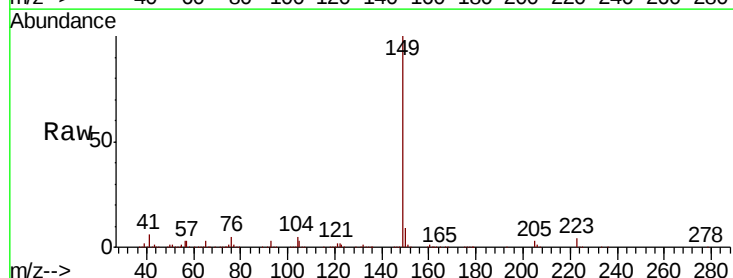
Instrument :
 BNA_F
 ClientSampled :
 PB122528BS

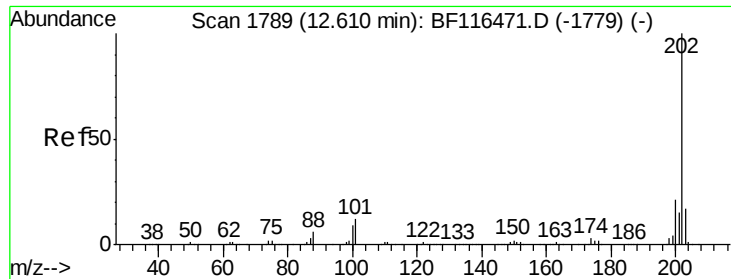
Tgt Ion:167 Resp: 951620
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.849 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:149 Resp: 1182355
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.1 6.1

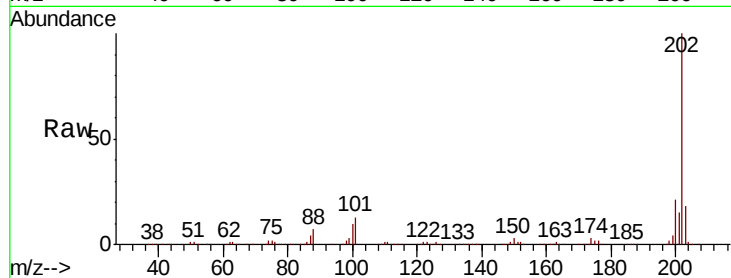




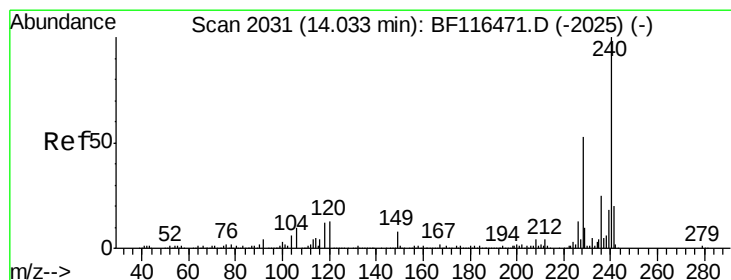
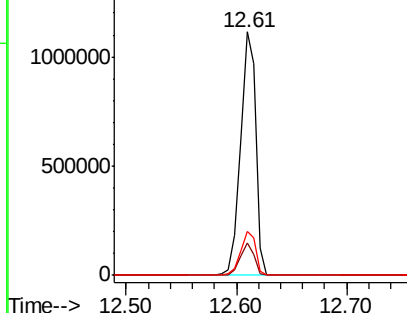
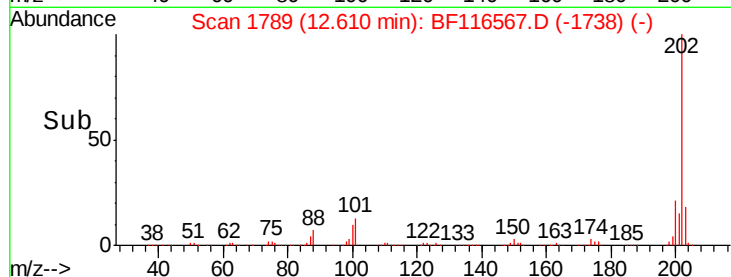
#75
 Fluoranthene
 Concen: 37.471 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tgt Ion: 202 Resp: 1082741
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 31.5
 203 18.1 0.0 37.5

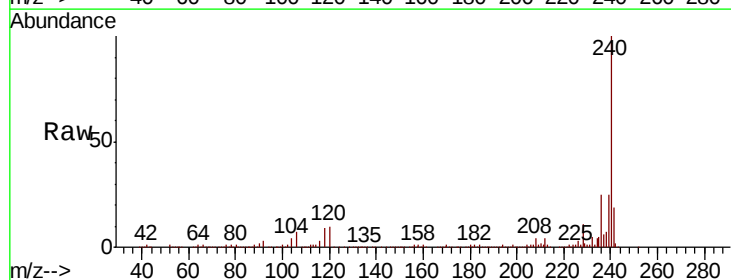


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

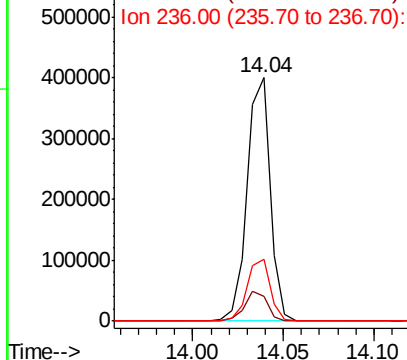
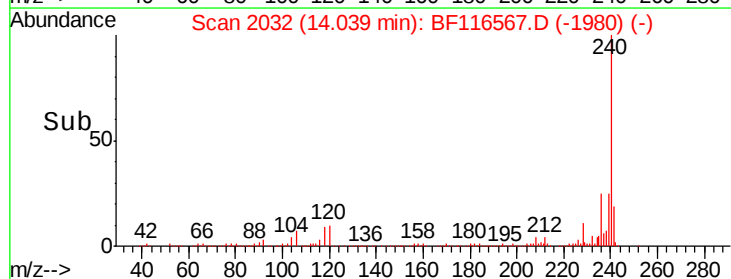


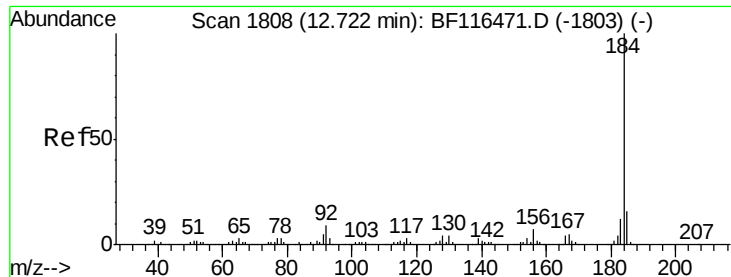
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion: 240 Resp: 353544
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.5 15.7#
 236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.310 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

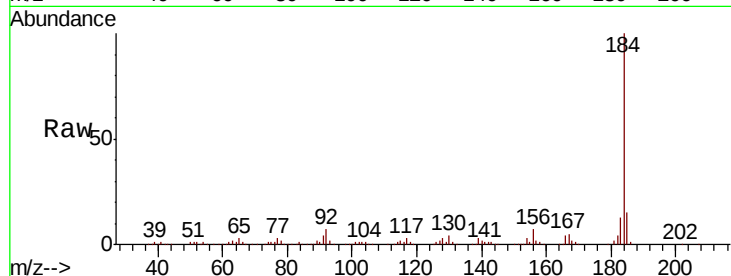
Tgt Ion:184 Resp: 374241

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.4

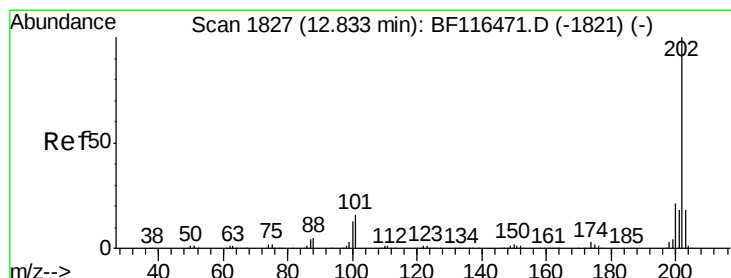
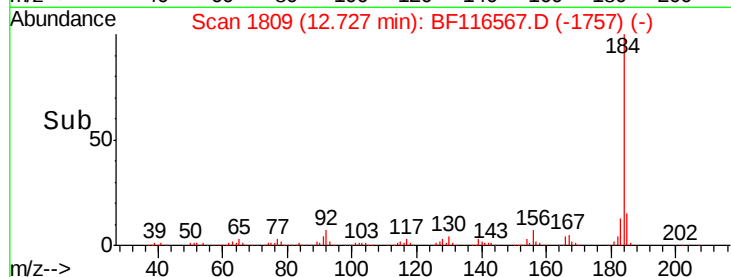
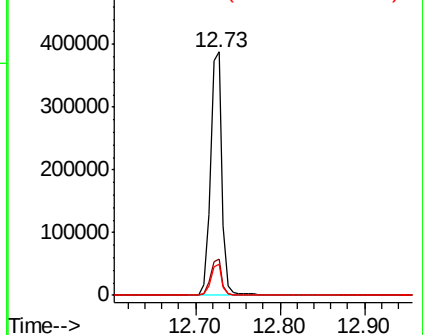
183 12.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.994 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

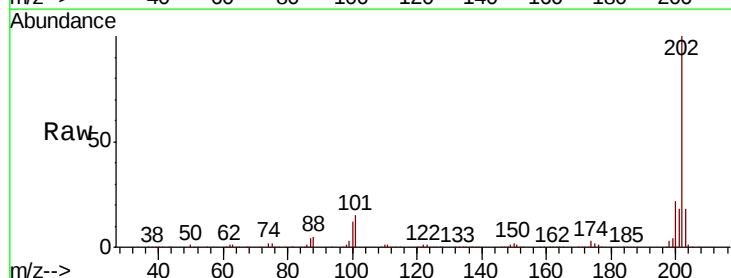
Tgt Ion:202 Resp: 1102476

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

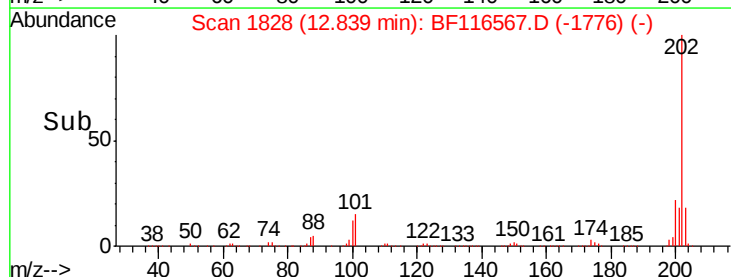
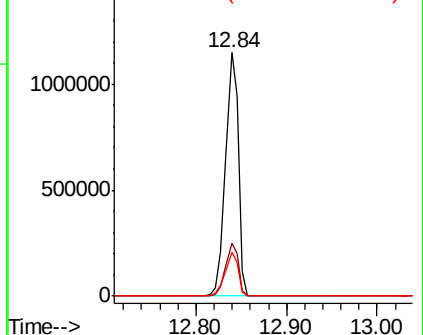
203 18.2 14.2 21.4

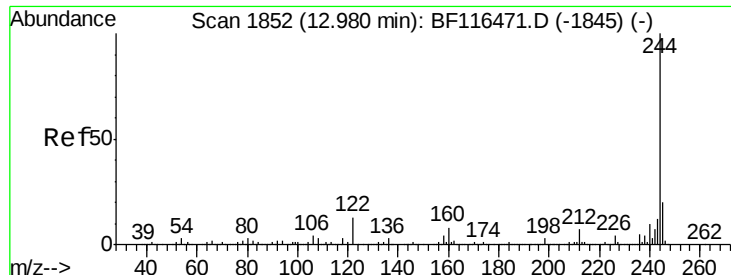


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.588 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

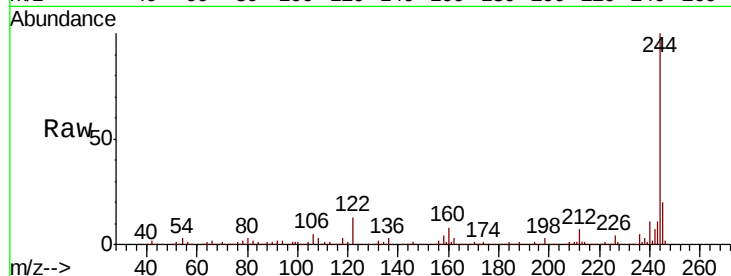
Tgt Ion:244 Resp: 1184623

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

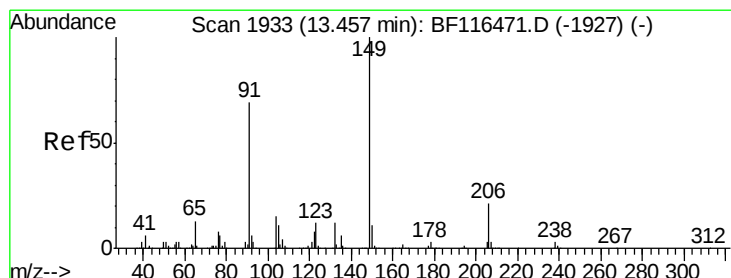
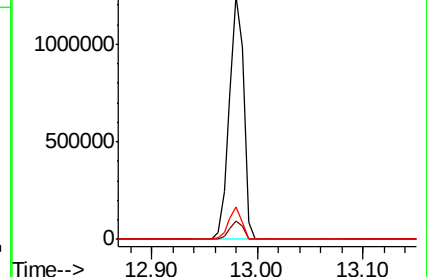
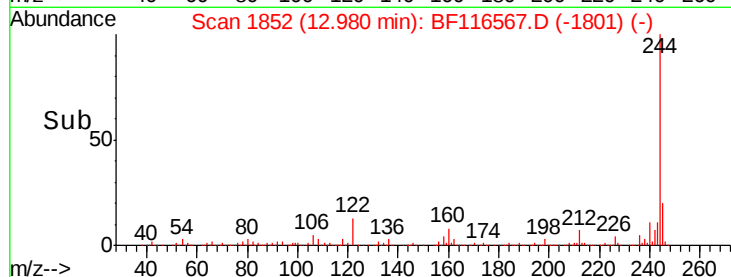
122 13.2 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.288 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

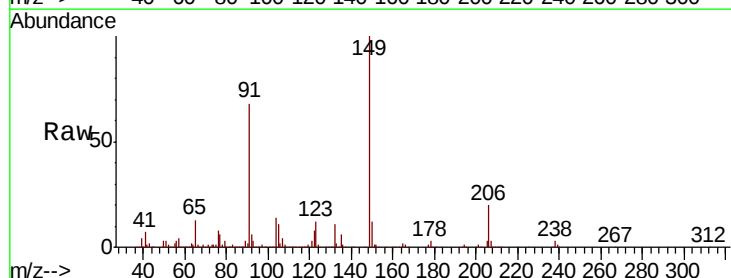
Tgt Ion:149 Resp: 491931

Ion Ratio Lower Upper

149 100

91 68.1 54.9 82.3

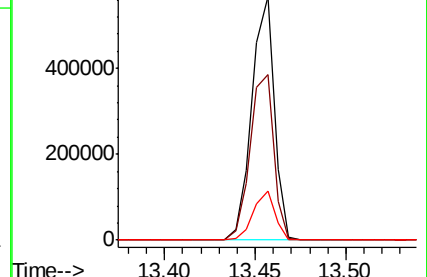
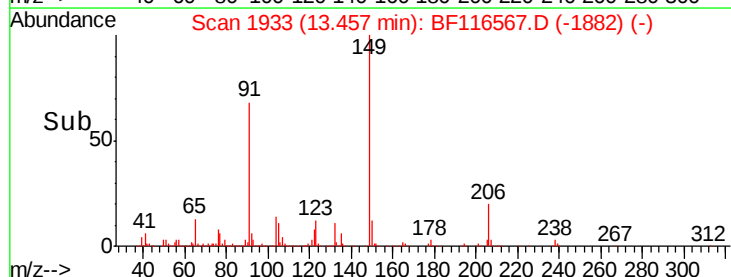
206 20.2 16.6 24.8

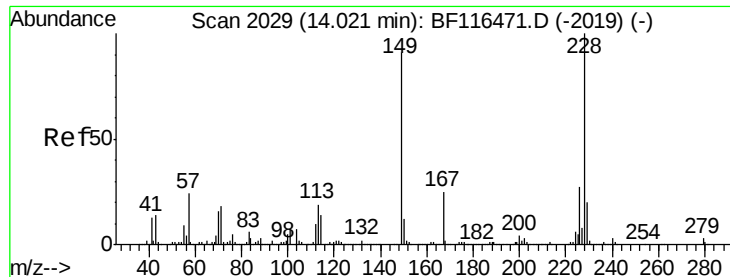


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.532 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

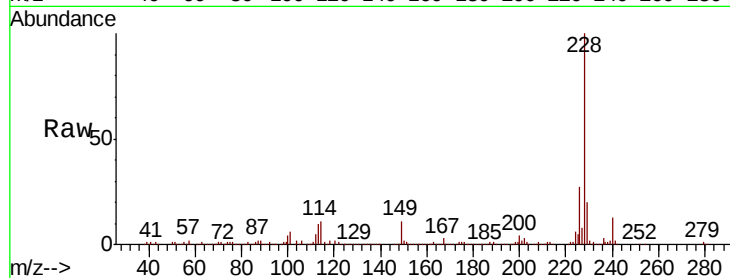
Tgt Ion:228 Resp: 859407

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

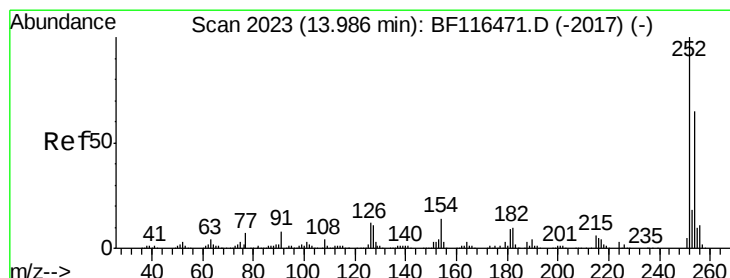
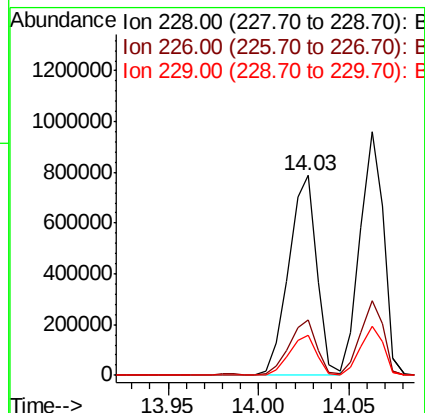
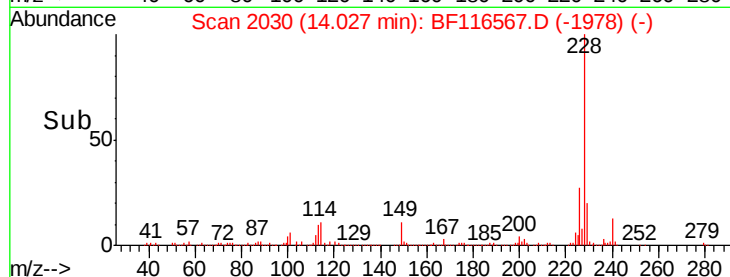
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.233 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

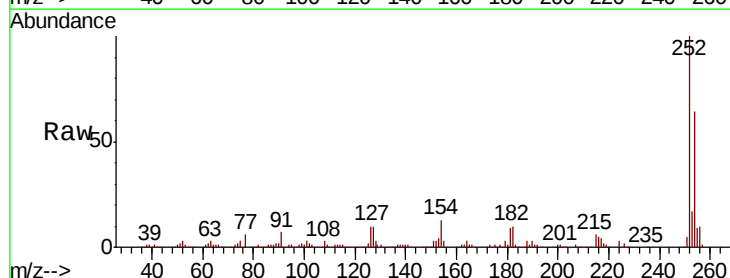
Tgt Ion:252 Resp: 271178

Ion Ratio Lower Upper

252 100

254 63.6 51.9 77.9

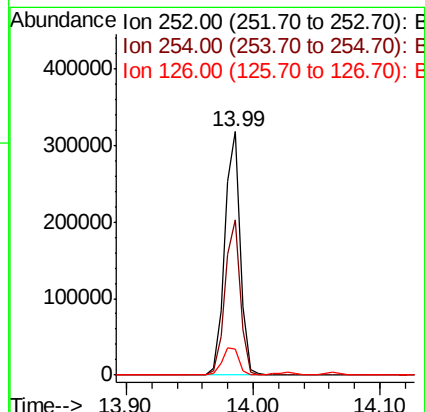
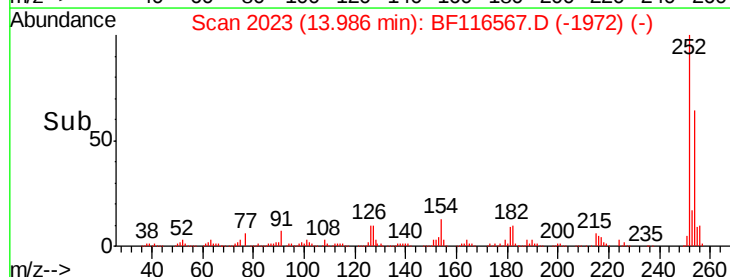
126 10.5 9.4 14.0

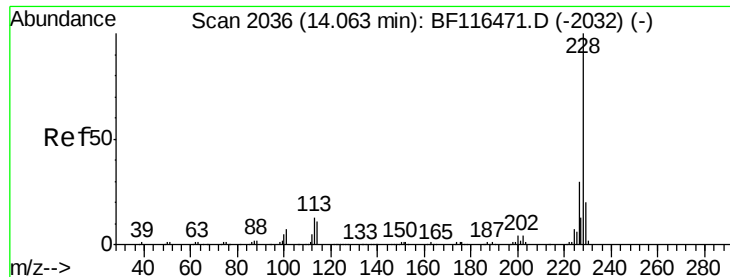


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.372 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

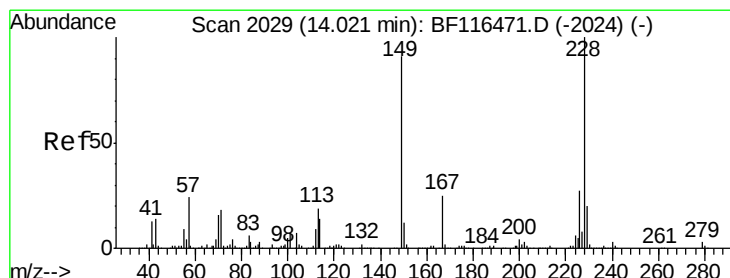
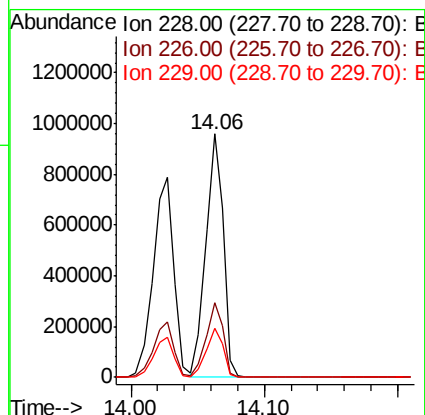
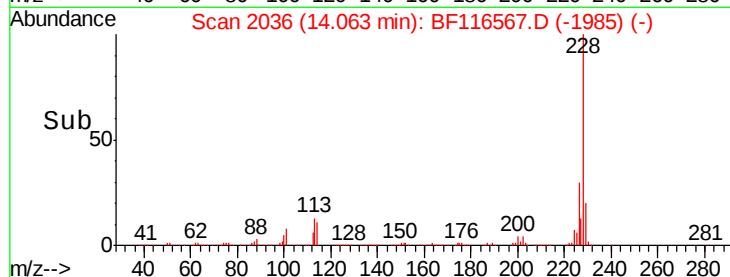
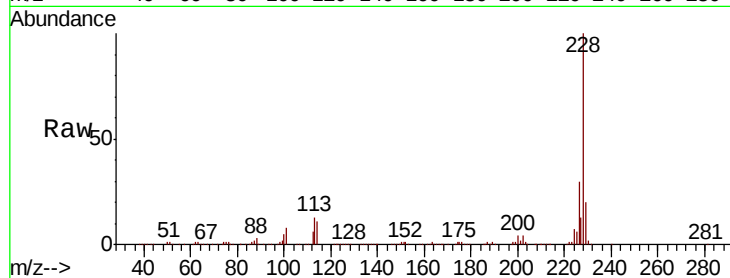
Tgt Ion:228 Resp: 867343

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.719 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

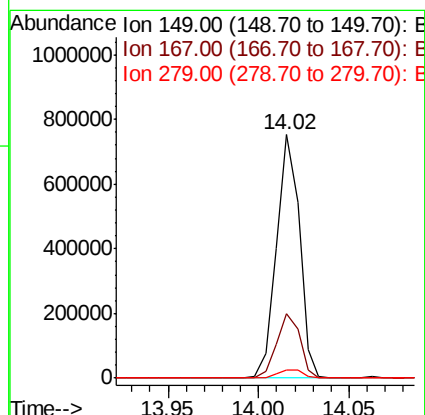
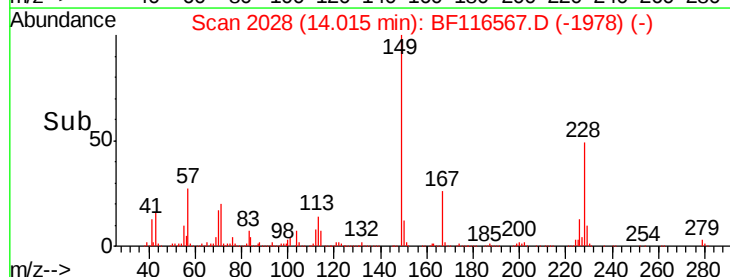
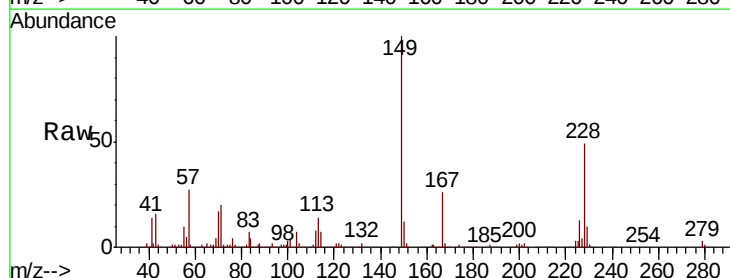
Tgt Ion:149 Resp: 662981

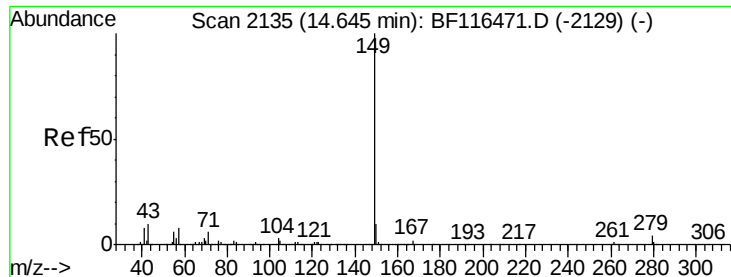
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

279 3.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.820 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

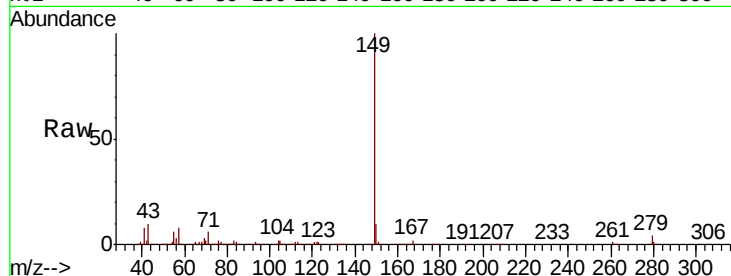
Tgt Ion:149 Resp: 1073051

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

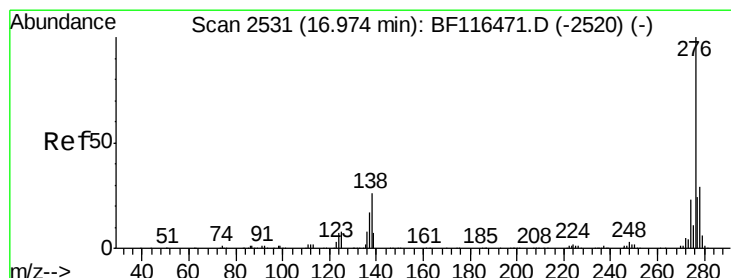
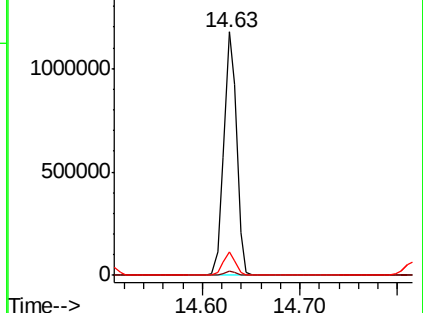
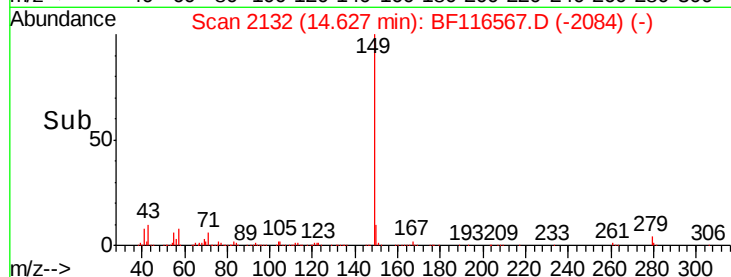
43 9.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.626 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

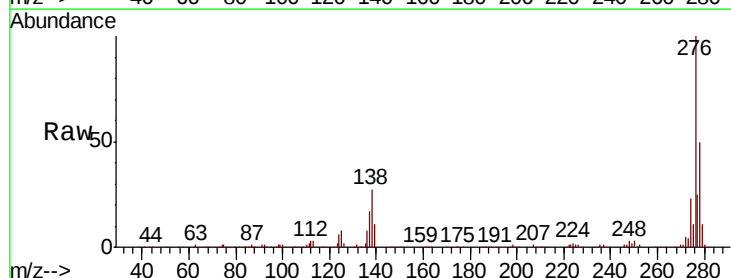
Tgt Ion:276 Resp: 668503

Ion Ratio Lower Upper

276 100

138 27.5 22.9 34.3

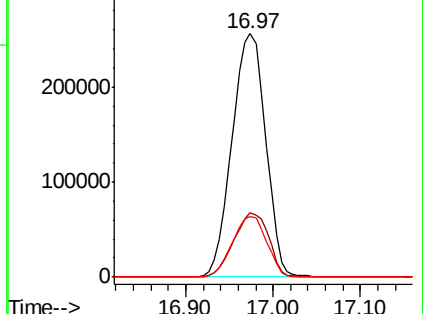
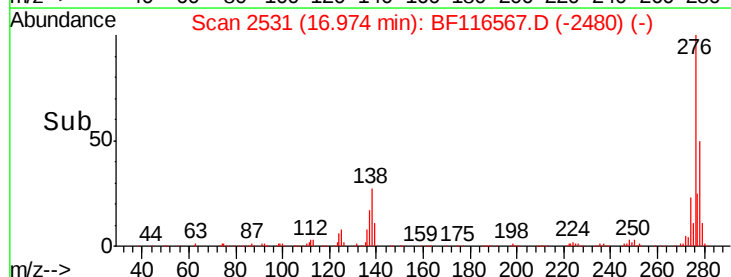
277 25.5 19.9 29.9

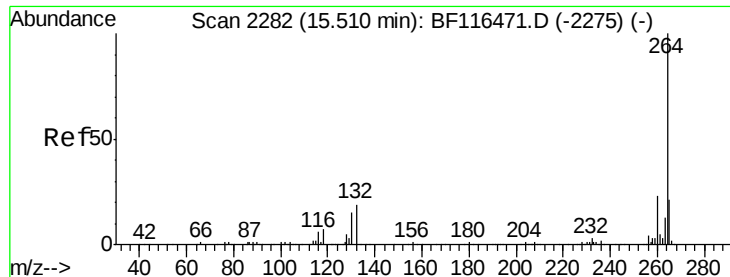


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

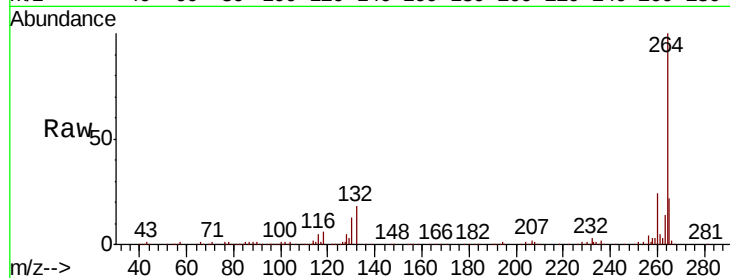
Tgt Ion:264 Resp: 295591

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

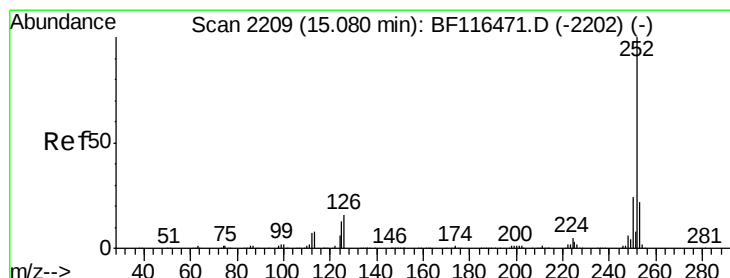
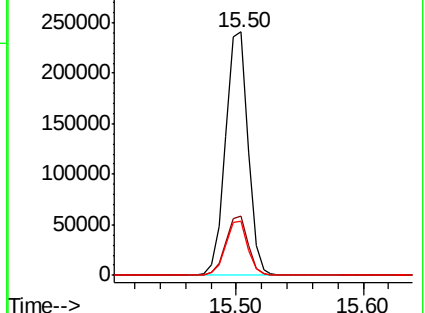
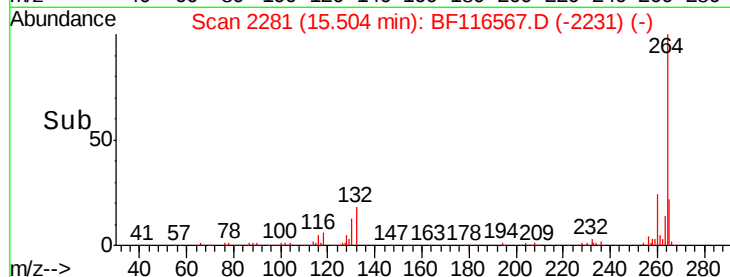
265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.010 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

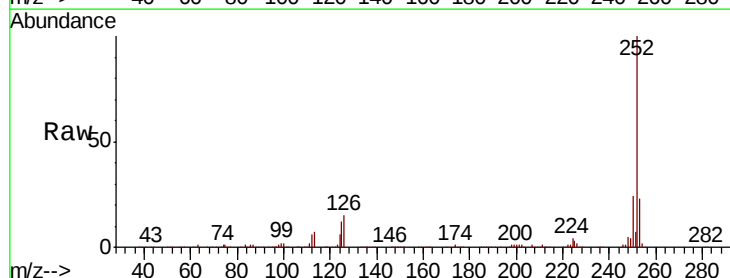
Tgt Ion:252 Resp: 821894

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

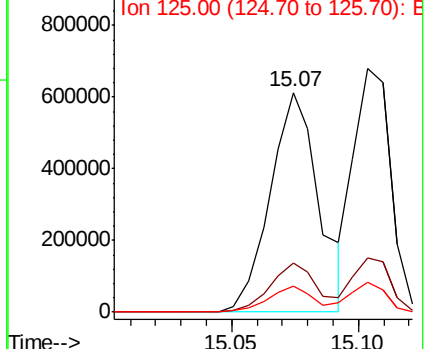
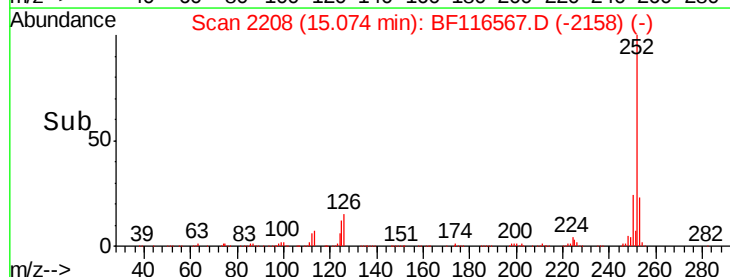
125 11.6 10.1 15.1

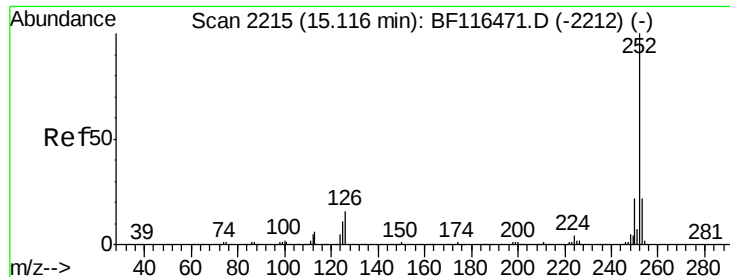


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

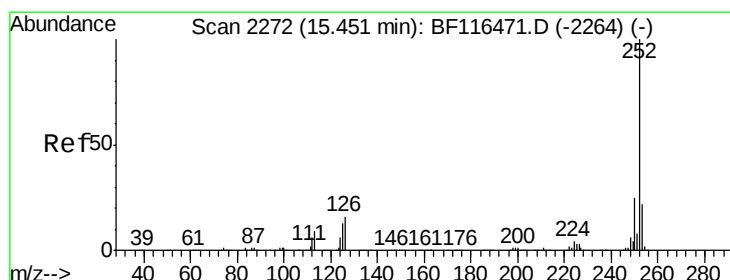
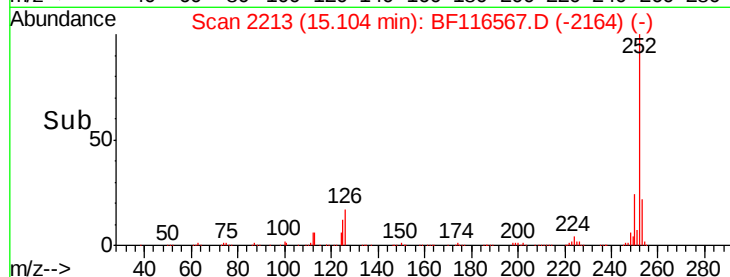
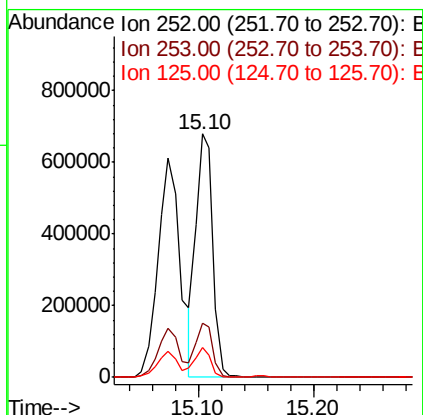
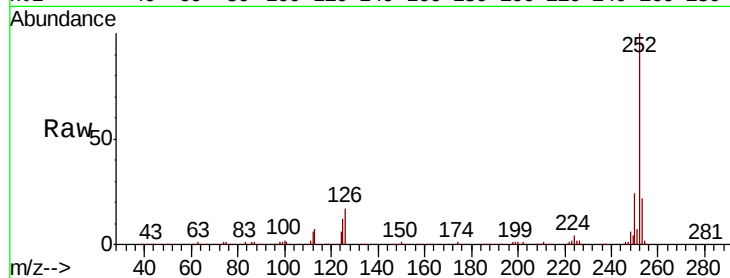




#89
Benzo(k)fluoranthene
Concen: 42.178 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

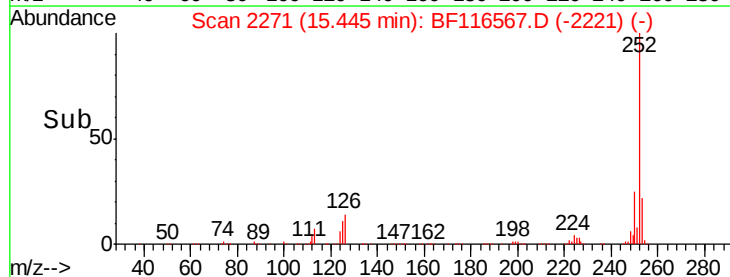
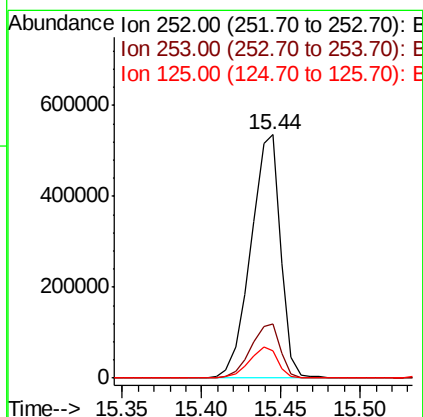
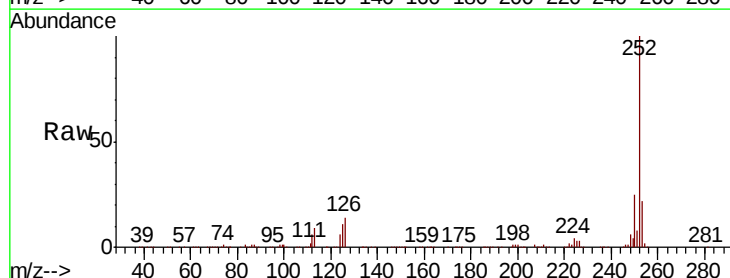
Instrument :
BNA_F
ClientSampleId :
PB122528BS

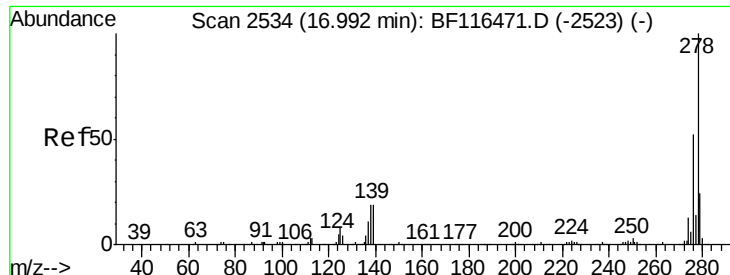
Tgt Ion:252 Resp: 697735
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 43.312 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:252 Resp: 698991
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.4 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 42.680 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

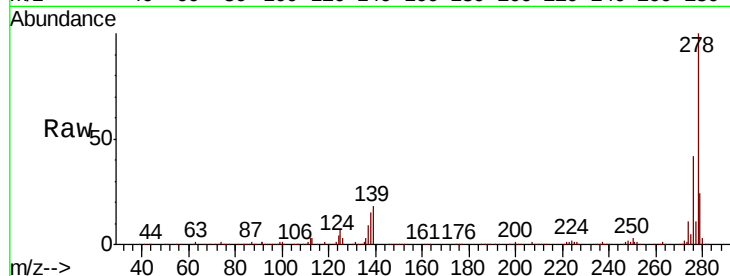
Tgt Ion:278 Resp: 565986

Ion Ratio Lower Upper

278 100

139 17.6 15.3 22.9

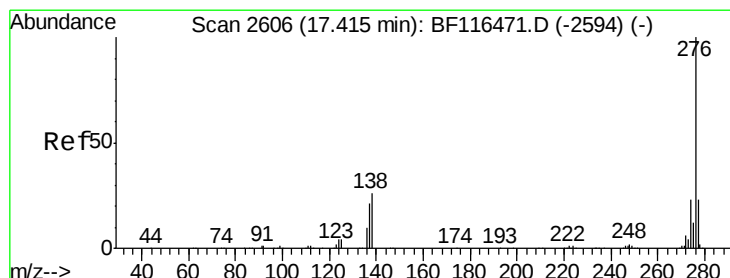
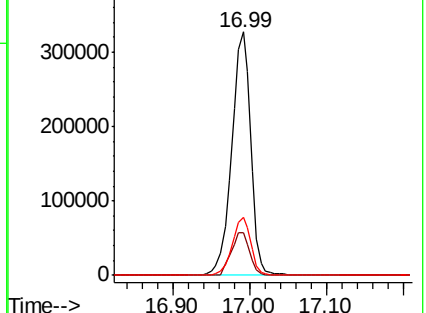
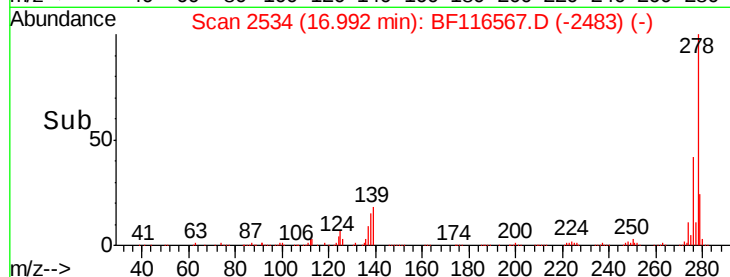
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.621 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

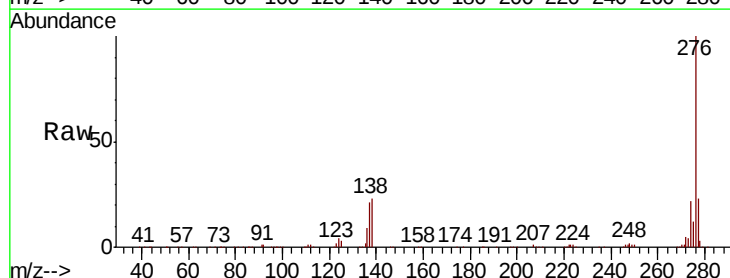
Tgt Ion:276 Resp: 551477

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 22.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

