

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116571.D
 Acq On : 26 Aug 2019 13:39
 Operator : HP/JU
 Sample : PB122482BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Quant Time: Aug 27 04:08:17 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	128958	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	549676	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	299775	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	541814	20.00	ng	0.00
76) Chrysene-d12	14.04	240	379346	20.00	ng	0.00
87) Perylene-d12	15.50	264	326354	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	802799	90.96	ng	0.02
7) Phenol-d6	6.52	99	1020865	94.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	604600	60.18	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	286036	111.12	ng	0.01
45) 2-Fluorobiphenyl	9.24	172	1136641	61.06	ng	0.00
79) Terphenyl-d14	12.98	244	1260060	62.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	130712	34.206	ng	100
3) Pyridine	3.52	79	314900	27.060	ng	99
4) n-Nitrosodimethylamine	3.47	42	148903	35.051	ng	99
6) Aniline	6.55	93	410420	28.013	ng	98
8) 2-Chlorophenol	6.67	128	353148	38.130	ng	96
9) Benzaldehyde	6.43	77	260217	35.988	ng	99
10) Phenol	6.53	94	451660	38.434	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	333519	37.275	ng	99
12) 1,3-Dichlorobenzene	6.83	146	365411	36.451	ng	95
13) 1,4-Dichlorobenzene	6.90	146	378763	39.257	ng	99
14) 1,2-Dichlorobenzene	7.06	146	352715	38.752	ng	100
15) Benzyl Alcohol	7.02	79	327915	37.443	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418350	33.816	ng	98
17) 2-Methylphenol	7.13	107	298903	38.951	ng	100
18) Hexachloroethane	7.40	117	139384	37.042	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	259048	35.081	ng	93
20) 3+4-Methylphenols	7.29	107	373593	39.742	ng	# 86
22) Acetophenone	7.29	105	500888	36.442	ng	# 95
24) Nitrobenzene	7.46	77	395946	38.054	ng	98
25) Isophorone	7.70	82	713445	36.034	ng	96
26) 2-Nitrophenol	7.78	139	190324	50.078	ng	89
27) 2,4-Dimethylphenol	7.82	122	335715	42.335	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	434543	35.539	ng	99
29) 2,4-Dichlorophenol	8.02	162	303503	40.244	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	328327	38.672	ng	97
31) Naphthalene	8.19	128	1041334	39.161	ng	99
32) Benzoic acid	7.93	122	231854	45.734	ng	92
33) 4-Chloroaniline	8.23	127	271475	23.256	ng	100
34) Hexachlorobutadiene	8.31	225	180068	38.890	ng	99
35) Caprolactam	8.65	113	34040	12.958	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	333538	39.198	ng	96
37) 2-Methylnaphthalene	8.87	142	708152	38.787	ng	98
38) 1-Methylnaphthalene	8.97	142	660992	38.756	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	300487	37.257	ng	99

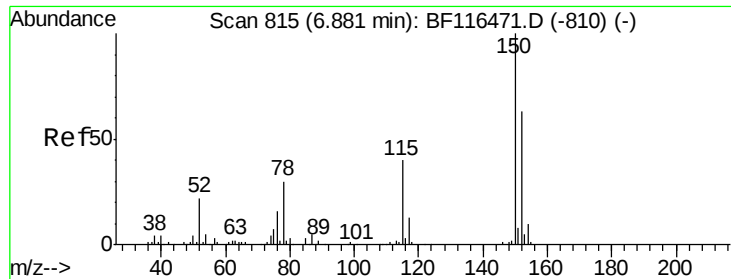
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	335388	77.290	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	224886	39.840	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	225849	39.323	ng	95
46) 1,1'-Biphenyl	9.34	154	878500	36.654	ng	99
47) 2-Chloronaphthalene	9.36	162	674963	36.326	ng	99
48) 2-Nitroaniline	9.45	65	214706	37.739	ng	97
49) Acenaphthylene	9.78	152	1049381	38.602	ng	98
50) Dimethylphthalate	9.64	163	788281	37.689	ng	100
51) 2,6-Dinitrotoluene	9.69	165	183228	42.800	ng	94
52) Acenaphthene	9.95	154	727609	41.712	ng	99
53) 3-Nitroaniline	9.86	138	140023	27.439	ng	90
54) 2,4-Dinitrophenol	9.97	184	162203	95.000	ng	# 1
55) Dibenzofuran	10.12	168	935401	38.469	ng	97
56) 4-Nitrophenol	10.02	139	309965	78.148	ng	98
57) 2,4-Dinitrotoluene	10.10	165	243459	44.692	ng	98
58) Fluorene	10.47	166	720885	38.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	193660	41.065	ng	97
60) Diethylphthalate	10.34	149	789744	38.417	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	352428	38.239	ng	98
62) 4-Nitroaniline	10.48	138	200859	40.245	ng	94
63) Azobenzene	10.62	77	786538	37.212	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	118446	52.538	ng	79
66) n-Nitrosodiphenylamine	10.57	169	659398	37.586	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	216628	38.137	ng	96
68) Hexachlorobenzene	11.02	284	229585	36.543	ng	# 92
69) Atrazine	11.10	200	201505	38.335	ng	100
70) Pentachlorophenol	11.21	266	280683	76.574	ng	99
71) Phenanthrene	11.43	178	1105172	37.443	ng	100
72) Anthracene	11.48	178	1132147	38.172	ng	99
73) Carbazole	11.63	167	1008023	37.863	ng	100
74) Di-n-butylphthalate	11.96	149	1243332	37.688	ng	100
75) Fluoranthene	12.61	202	1157581	37.934	ng	97
77) Benzidine	12.73	184	427628	28.018	ng	98
78) Pyrene	12.84	202	1164977	38.402	ng	100
80) Butylbenzylphthalate	13.46	149	526193	40.163	ng	100
81) Benzo(a)anthracene	14.03	228	925773	37.681	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	282784	32.298	ng	100
83) Chrysene	14.06	228	921595	37.009	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	702403	40.206	ng	99
85) Di-n-octyl phthalate	14.63	149	1184551	39.939	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	735571	34.483	ng	98
88) Benzo(b)fluoranthene	15.07	252	839263	41.629	ng	98
89) Benzo(k)fluoranthene	15.10	252	821291	44.967	ng	100
90) Benzo(a)pyrene	15.44	252	760032	42.655	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	616522	42.108	ng	96
92) Benzo(g,h,i)perylene	17.42	276	595291	42.648	ng	97

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

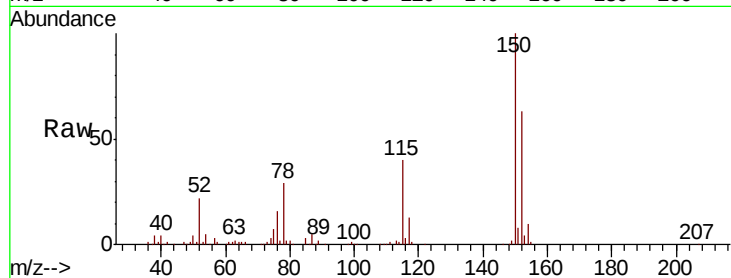


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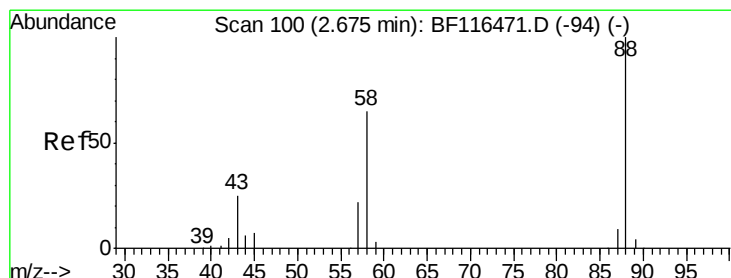
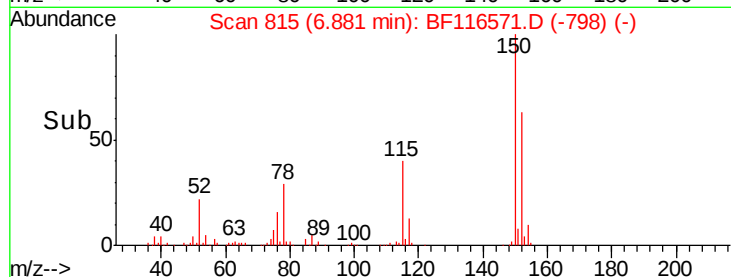
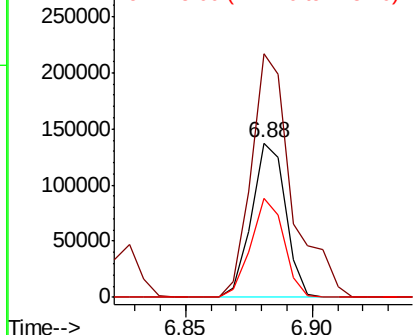
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion:152 Resp: 128958
Ion Ratio Lower Upper
152 100
150 157.5 126.7 190.1
115 63.7 50.9 76.3



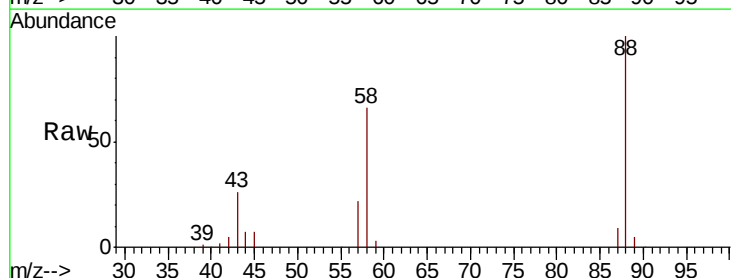
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



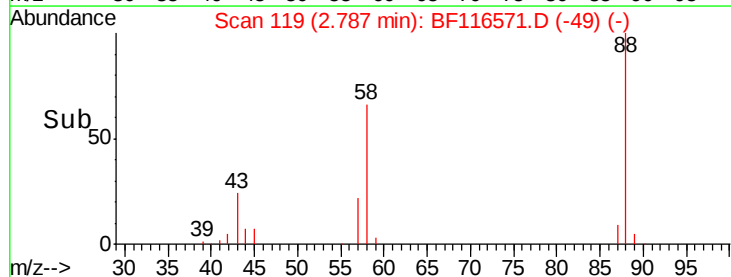
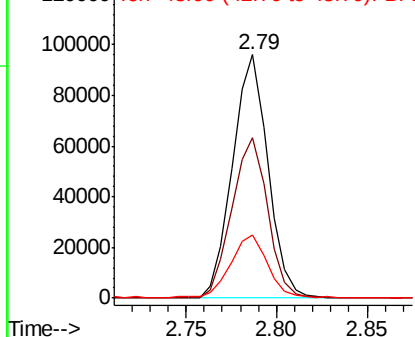
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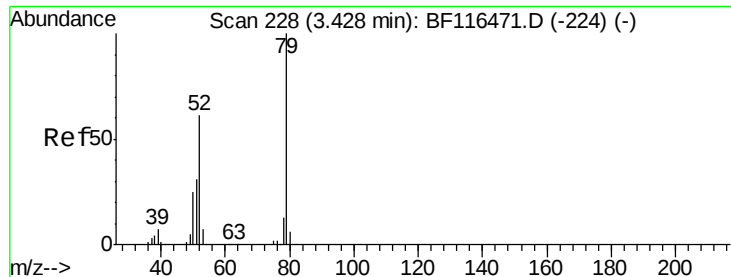
1,4-Dioxane
Concen: 34.206 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.11 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion: 88 Resp: 130712
Ion Ratio Lower Upper
88 100
58 66.6 53.4 80.0
43 26.3 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: 27.060 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

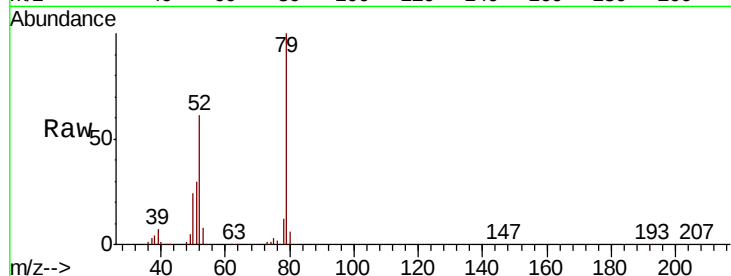
Tgt Ion: 79 Resp: 314900

Ion Ratio Lower Upper

79 100

52 60.6 48.8 73.2

51 30.4 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

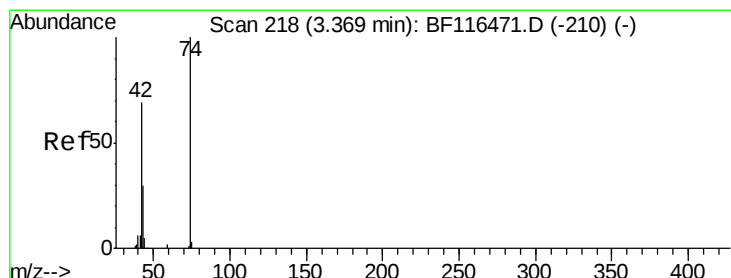
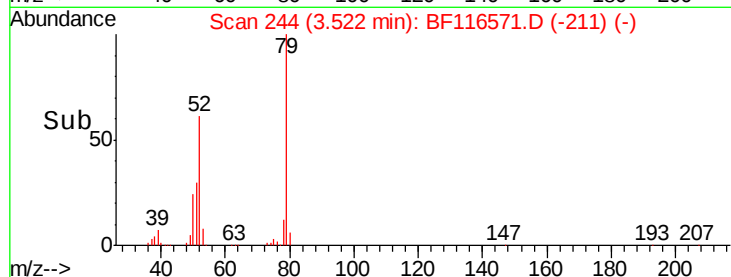
150000

100000

50000

0

Time--> 3.40 3.50 3.60 3.70



#4

n-Nitrosodimethylamine

Concen: 35.051 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.10 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

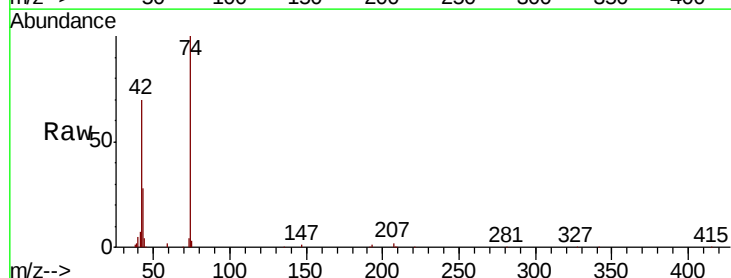
Tgt Ion: 42 Resp: 148903

Ion Ratio Lower Upper

42 100

74 142.6 115.3 172.9

44 6.1 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

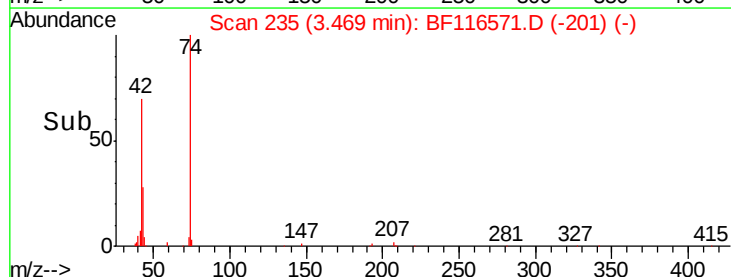
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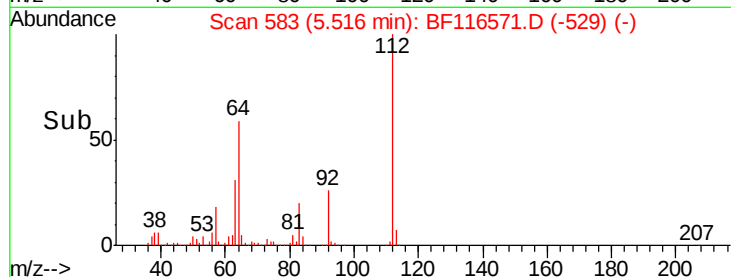
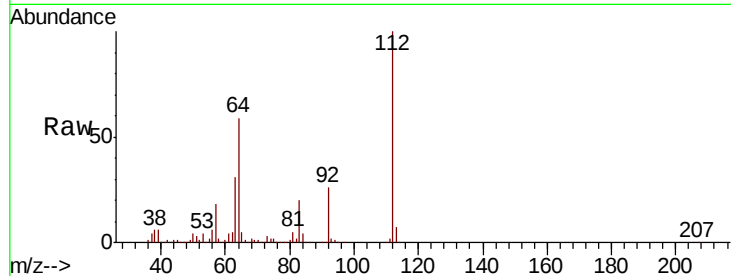
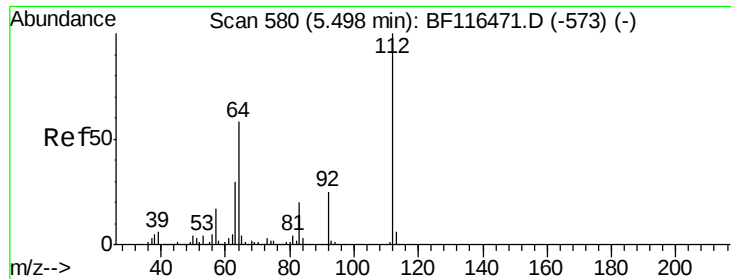
100000

50000

0

Time--> 3.40 3.45 3.50 3.55

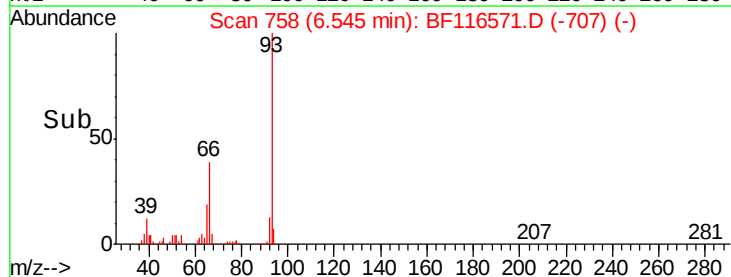
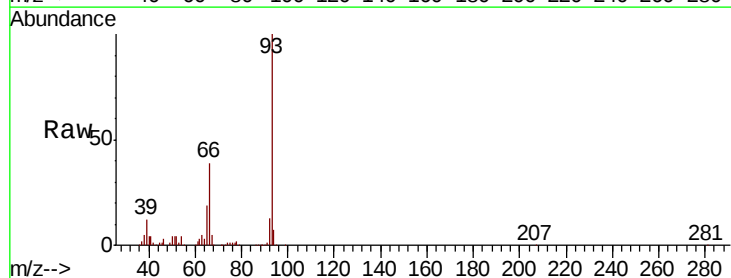
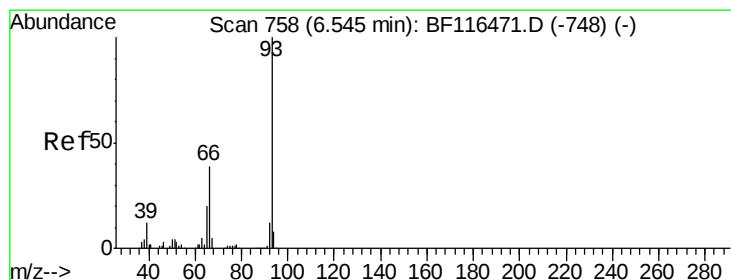
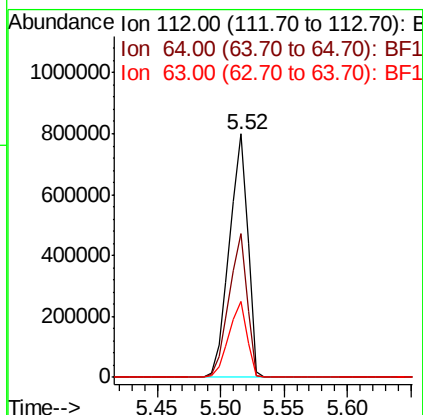




#5
2-Fluorophenol
Concen: 90.960 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

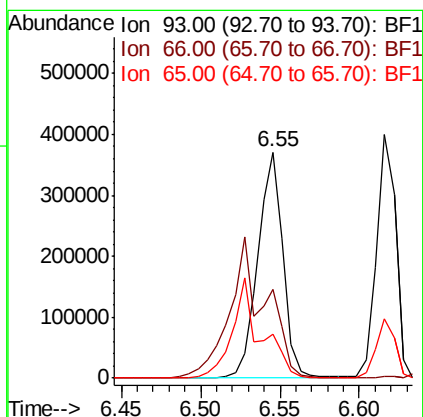
Instrument :
BNA_F
ClientSampleId :
PB122482BS

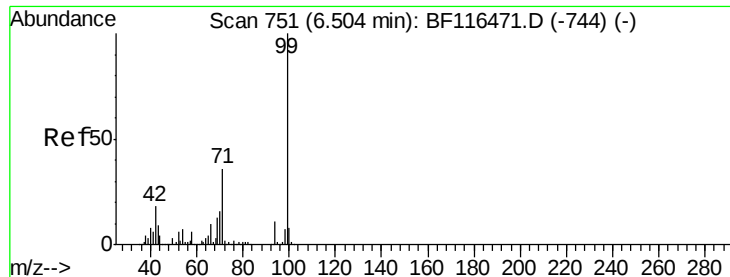
Tgt Ion:112 Resp: 802799
Ion Ratio Lower Upper
112 100
64 59.0 46.3 69.5
63 31.1 24.2 36.4



#6
Aniline
Concen: 28.013 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion: 93 Resp: 410420
Ion Ratio Lower Upper
93 100
66 39.4 32.2 48.2
65 19.5 16.3 24.5





#7

Phenol-d6

Concen: 94.335 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

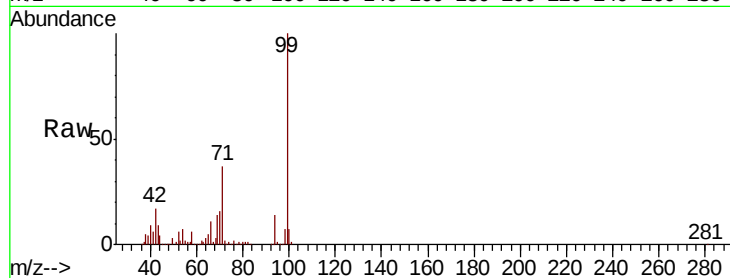
Tgt Ion: 99 Resp: 1020865

Ion Ratio Lower Upper

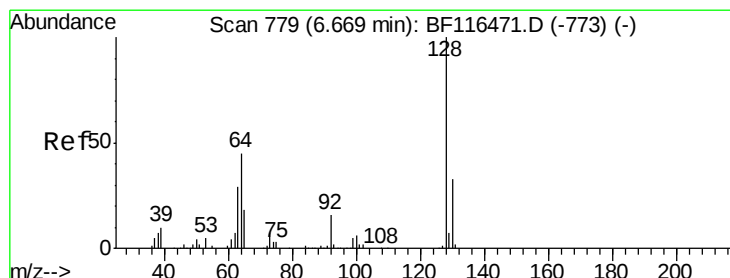
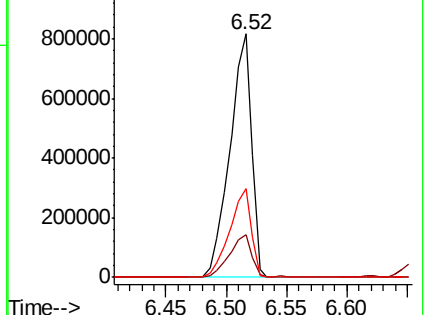
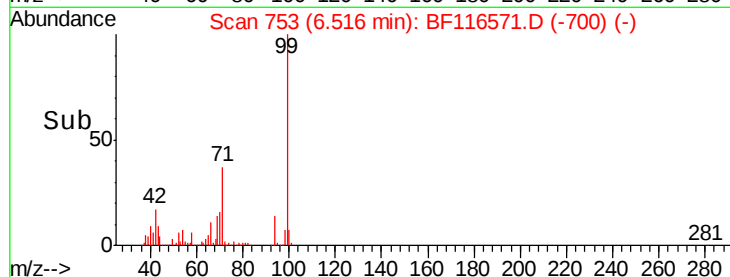
99 100

42 17.4 14.6 21.8

71 36.5 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: 38.130 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

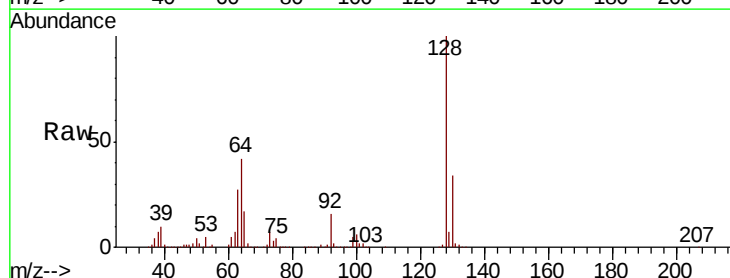
Tgt Ion: 128 Resp: 353148

Ion Ratio Lower Upper

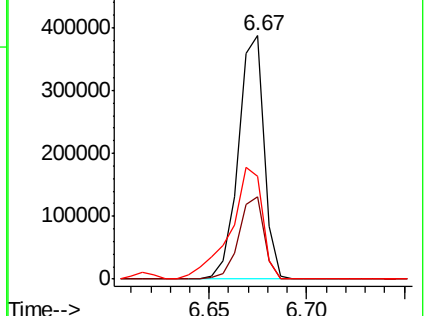
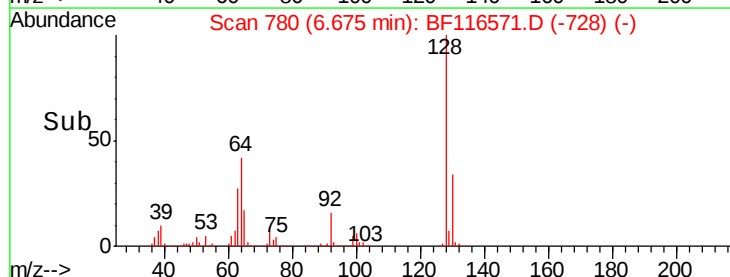
128 100

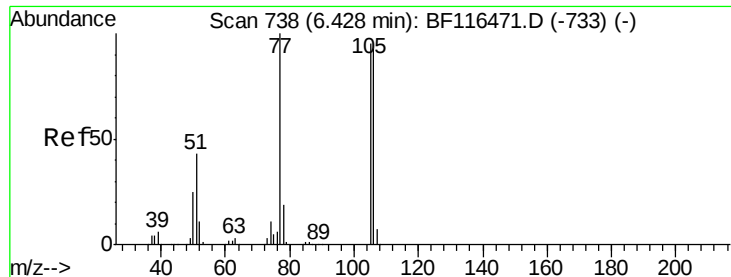
130 33.8 13.4 53.4

64 42.4 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: 35.988 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

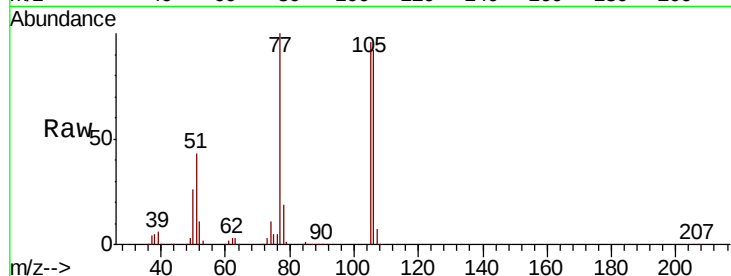
Tgt Ion: 77 Resp: 260217

Ion Ratio Lower Upper

77 100

105 95.8 75.5 115.5

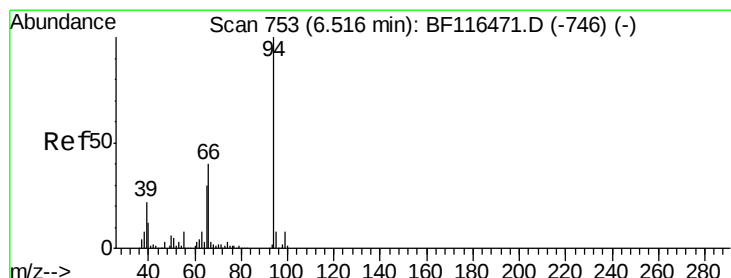
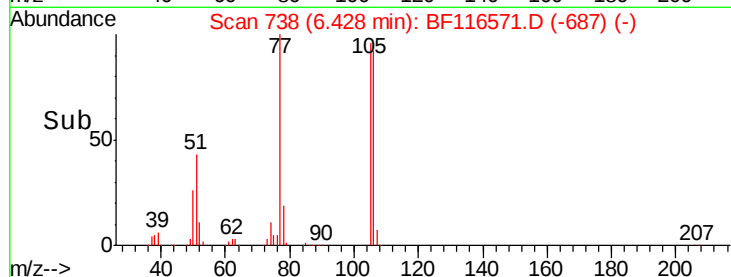
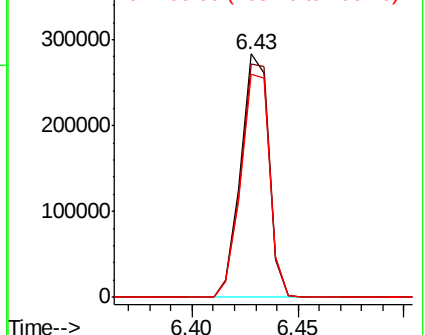
106 91.5 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.434 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

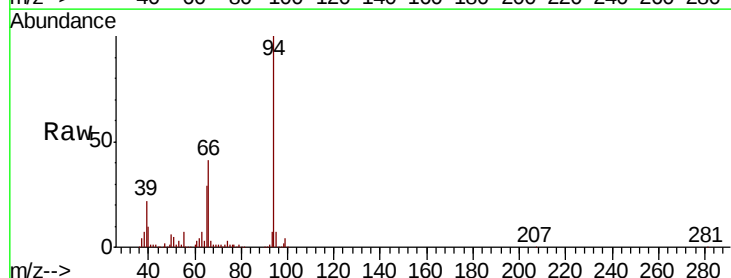
Tgt Ion: 94 Resp: 451660

Ion Ratio Lower Upper

94 100

65 29.1 10.0 50.0

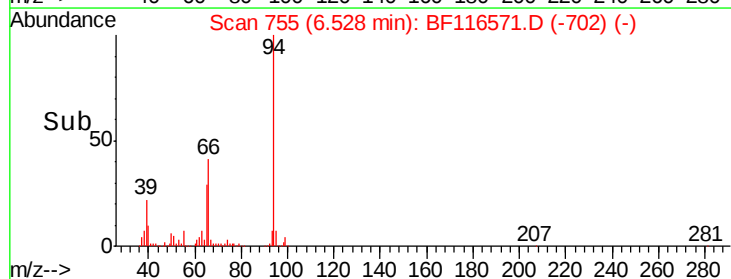
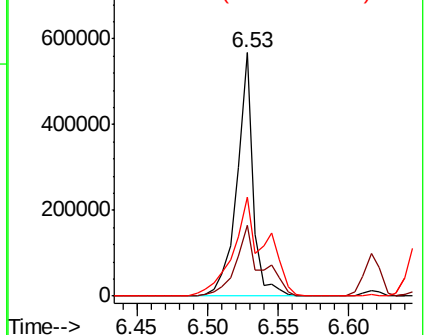
66 40.7 19.8 59.8

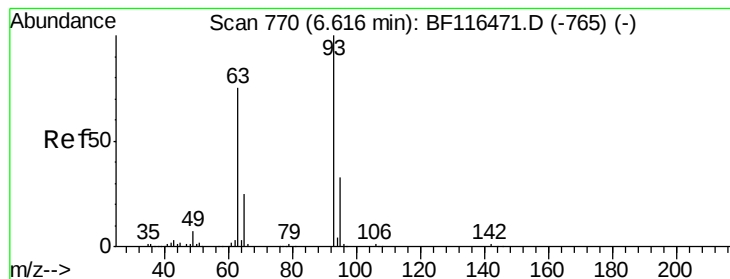


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.275 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

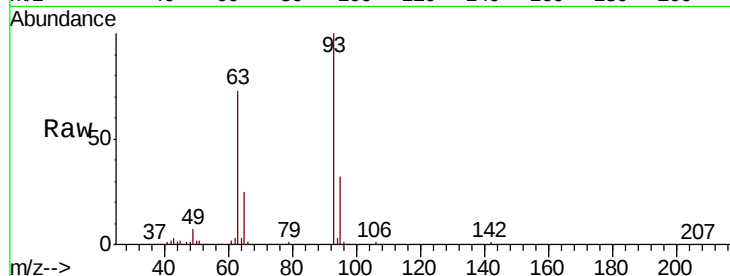
Tgt Ion: 93 Resp: 333519

Ion Ratio Lower Upper

93 100

63 73.3 54.3 94.3

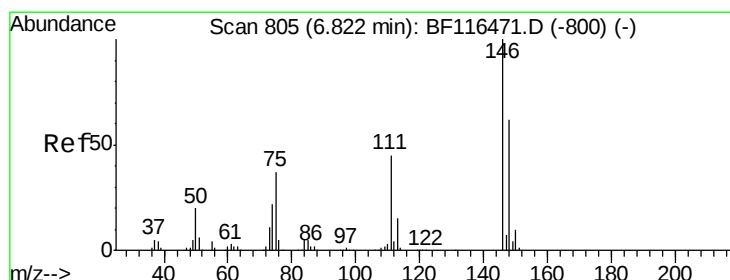
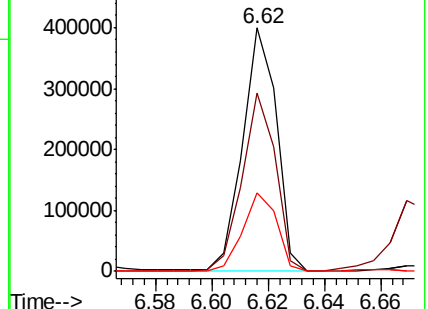
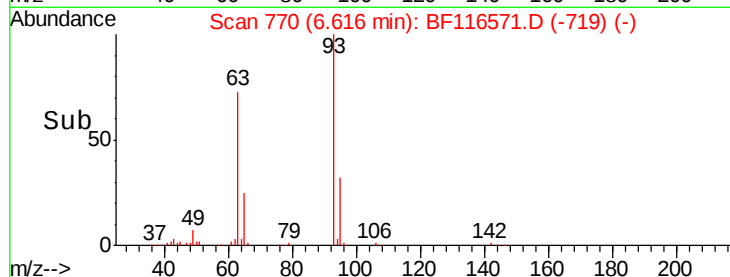
95 32.3 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.451 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

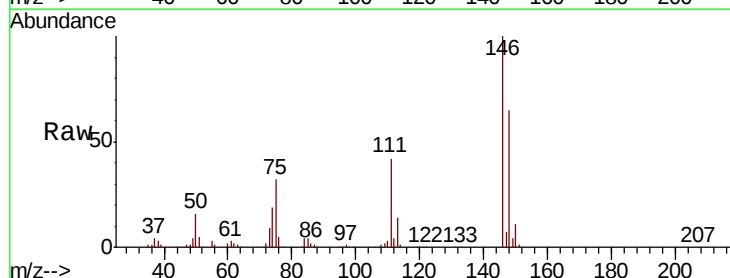
Tgt Ion: 146 Resp: 365411

Ion Ratio Lower Upper

146 100

148 65.4 49.8 74.8

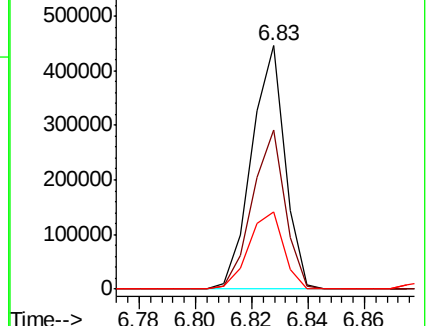
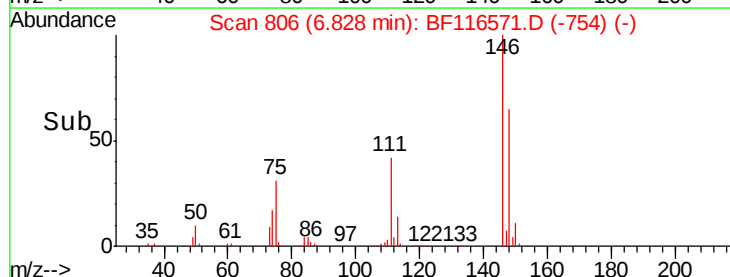
75 31.9 29.3 43.9

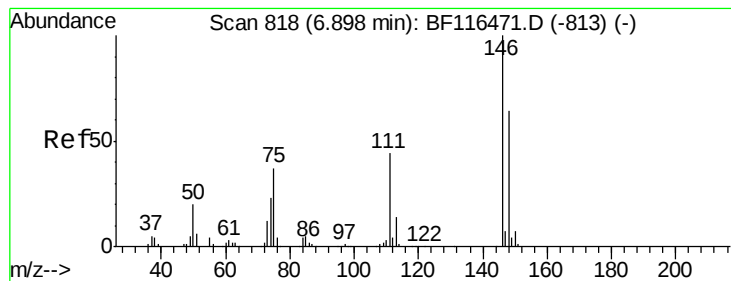


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.257 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

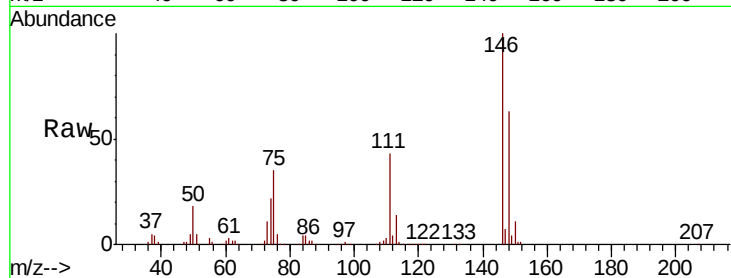
Tgt Ion:146 Resp: 378763

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

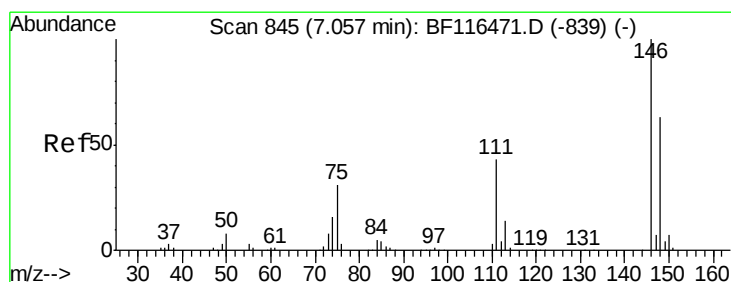
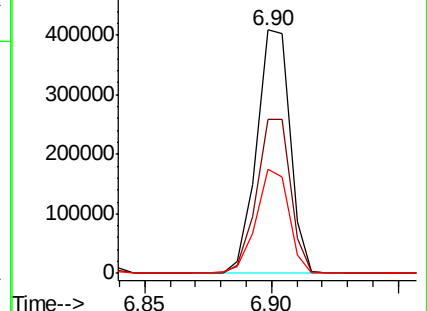
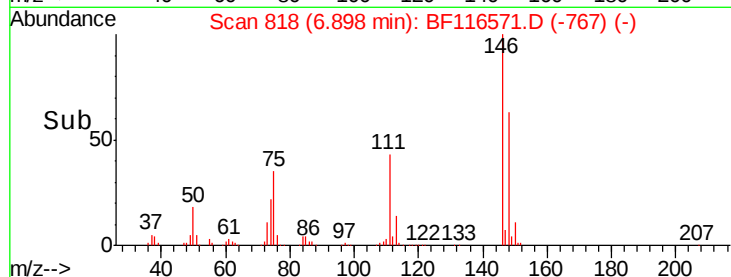
111 43.0 35.4 53.2



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: 38.752 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

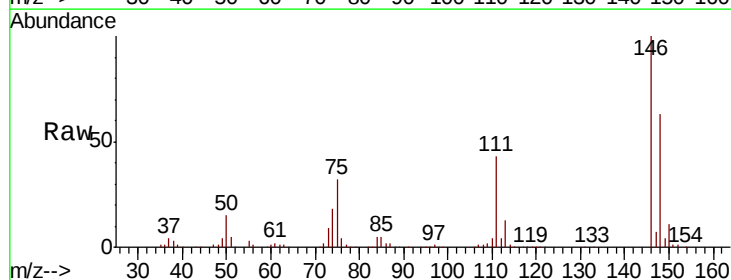
Tgt Ion:146 Resp: 352715

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

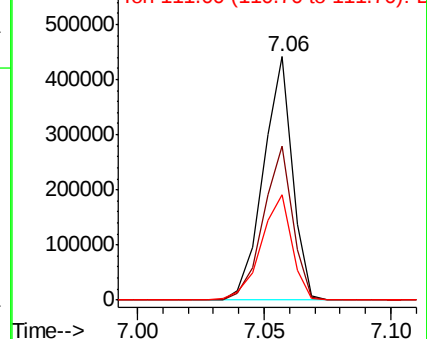
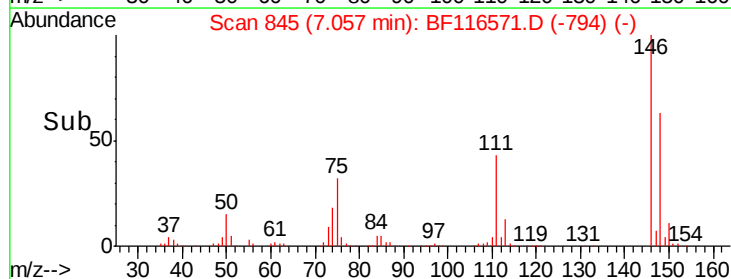
111 43.2 34.5 51.7

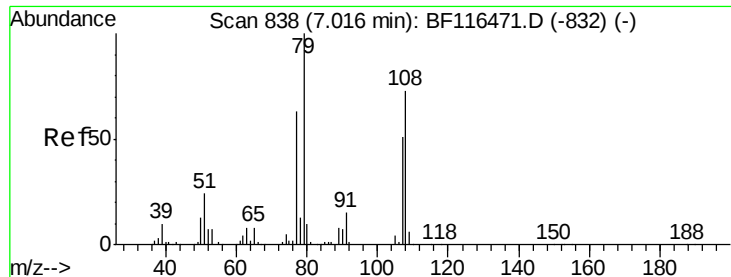


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.443 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

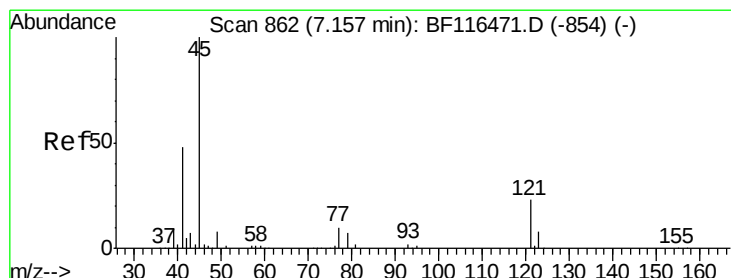
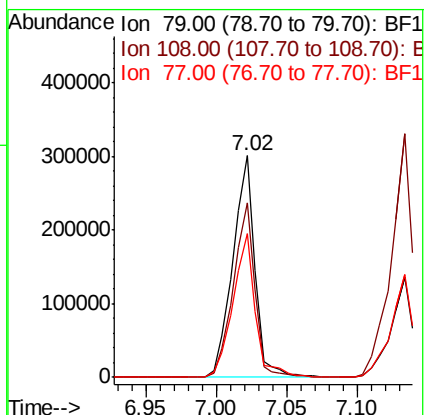
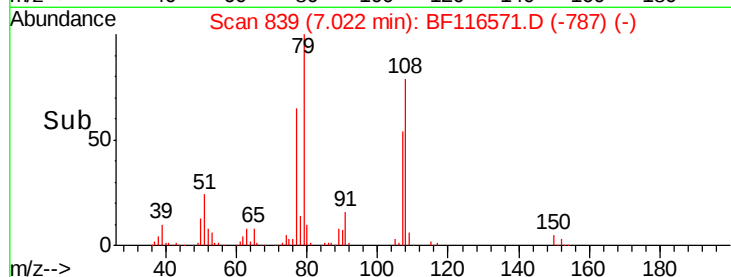
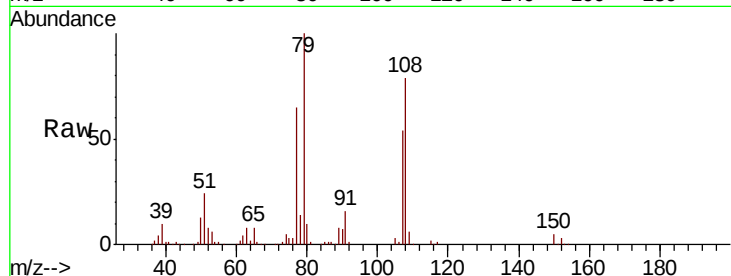
Tgt Ion: 79 Resp: 327915

Ion Ratio Lower Upper

79 100

108 78.9 58.1 87.1

77 65.1 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.816 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

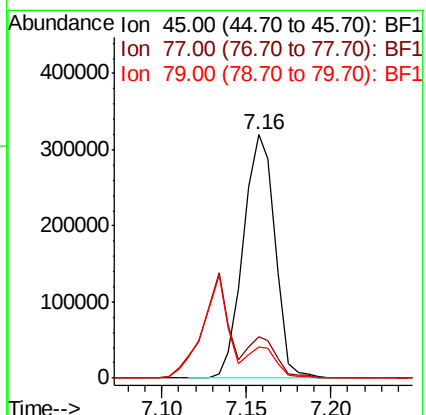
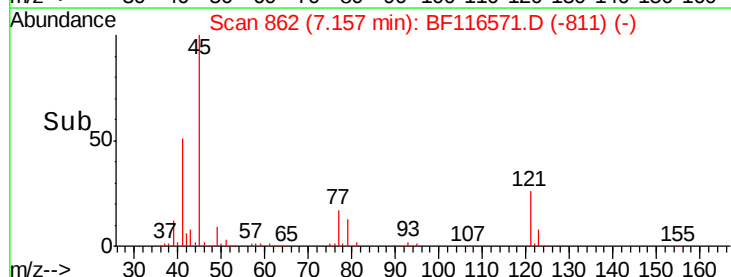
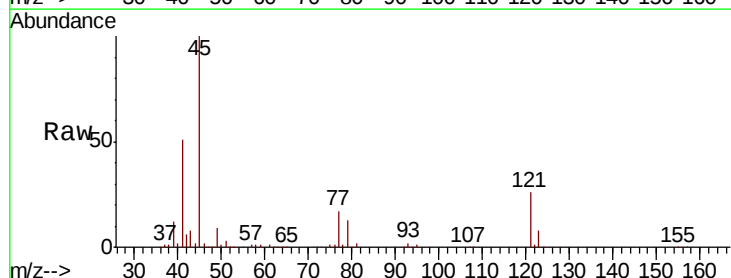
Tgt Ion: 45 Resp: 418350

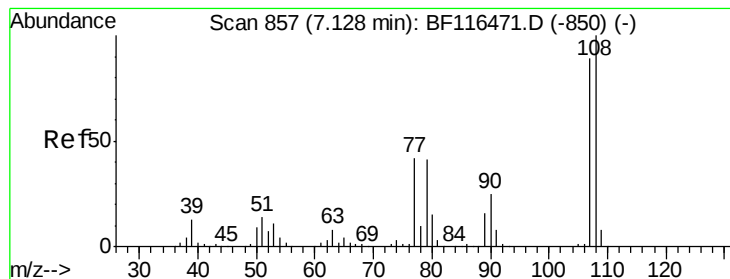
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.1

79 13.0 0.0 32.3





#17

2-Methylphenol

Concen: 38.951 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

Tgt Ion:107 Resp: 298903

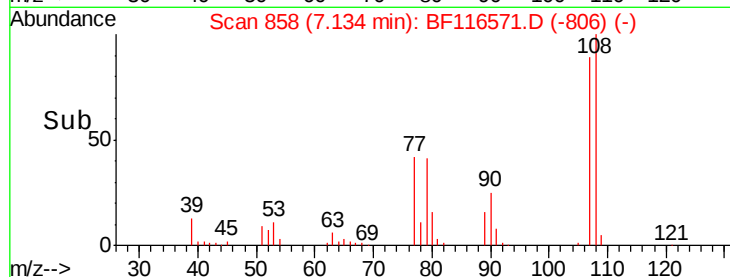
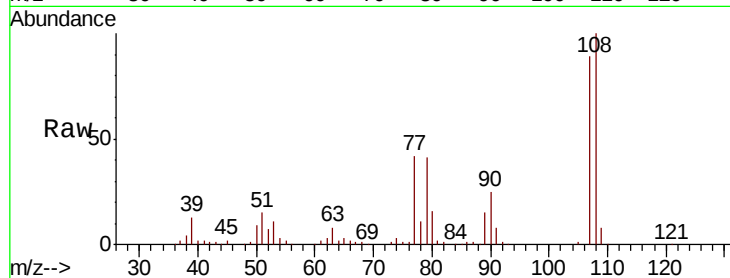
Ion Ratio Lower Upper

107 100

108 112.2 90.0 135.0

77 47.2 37.6 56.4

79 46.0 36.8 55.2

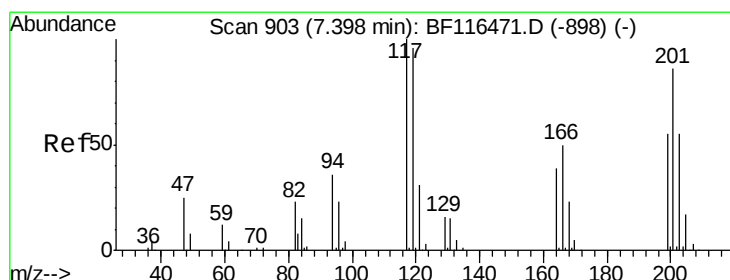
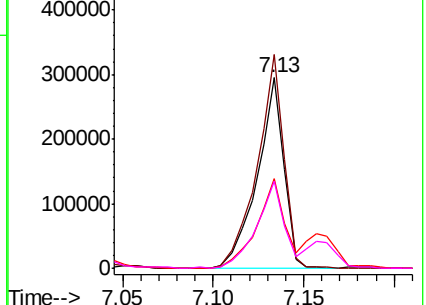


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.042 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

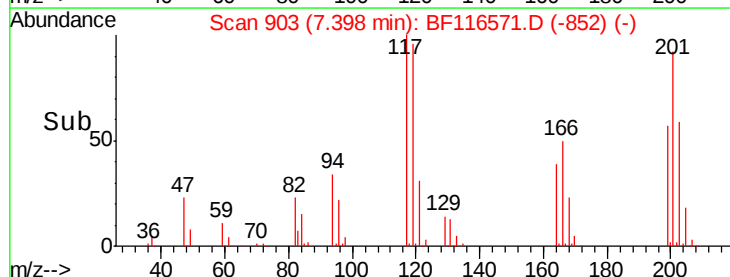
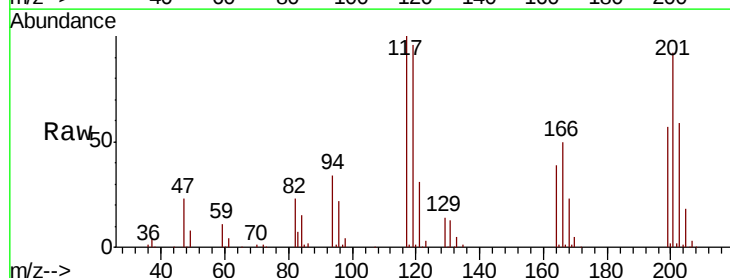
Tgt Ion:117 Resp: 139384

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6

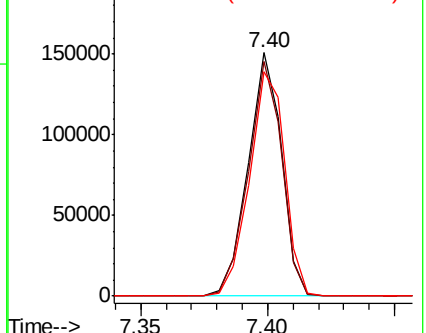
201 92.0 69.1 103.7

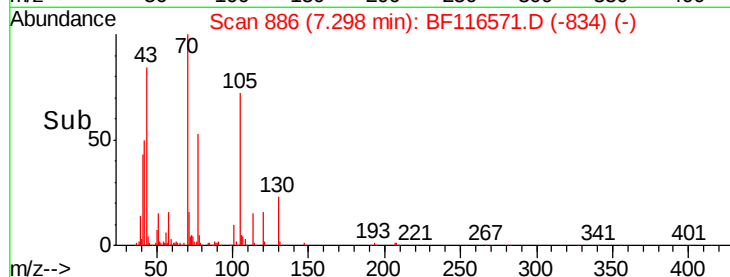
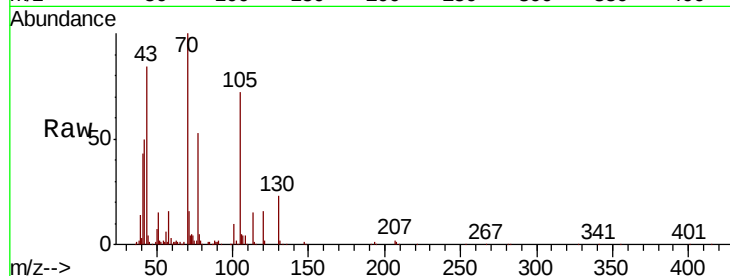
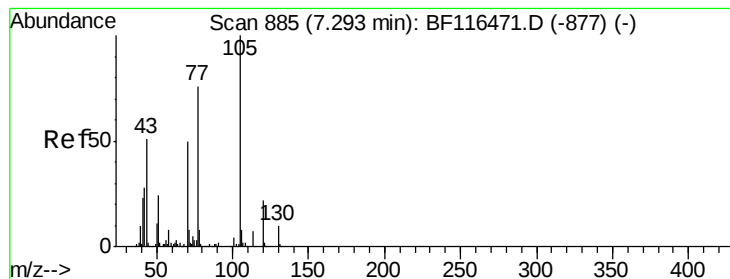


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.081 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

Tgt Ion: 70 Resp: 259048

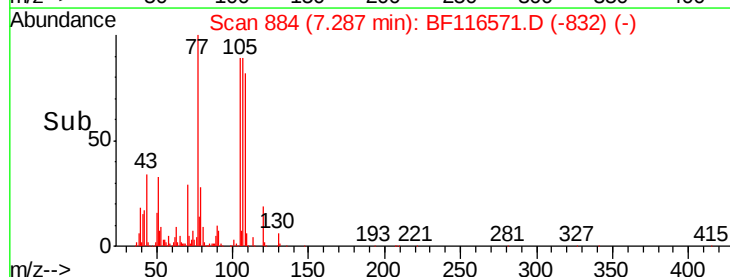
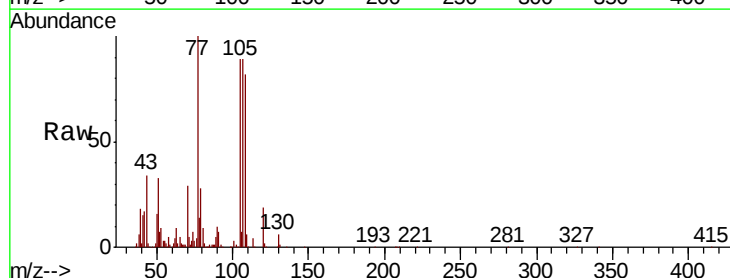
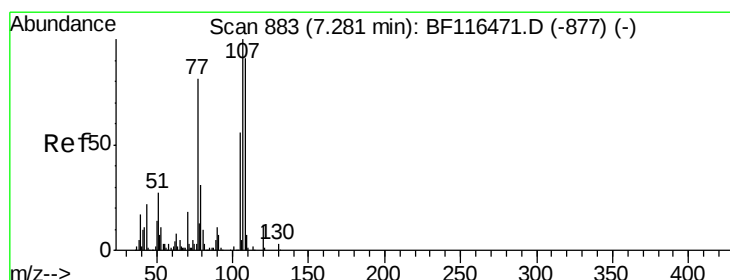
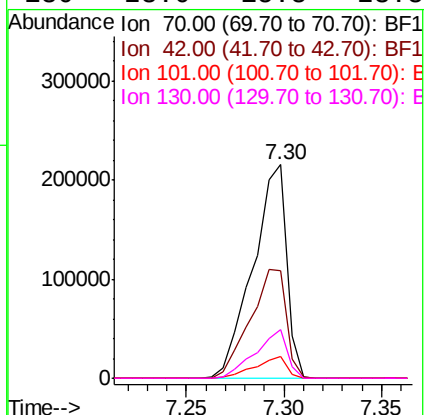
Ion Ratio Lower Upper

70 100

42 50.4 44.4 66.6

101 10.2 7.1 10.7

130 23.0 15.8 23.8



#20

3+4-Methylphenols

Concen: 39.742 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion: 107 Resp: 373593

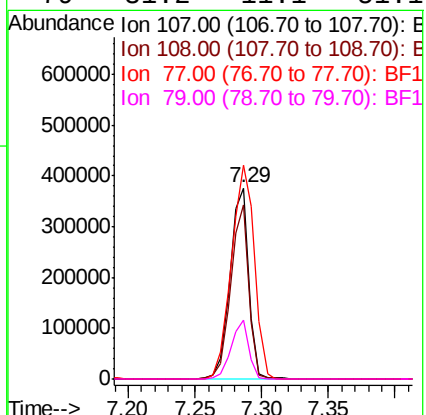
Ion Ratio Lower Upper

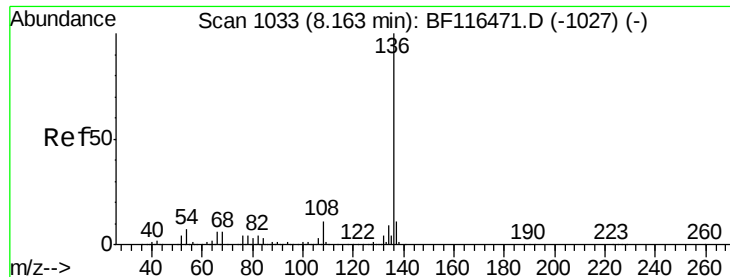
107 100

108 91.5 70.7 110.7

77 111.9 60.6 100.6#

79 31.2 11.1 51.1

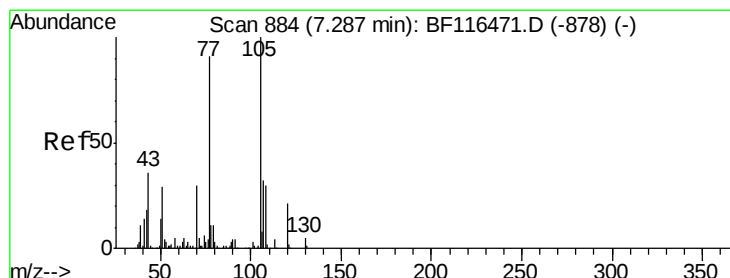
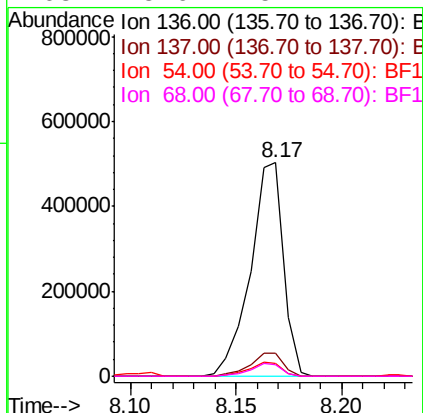
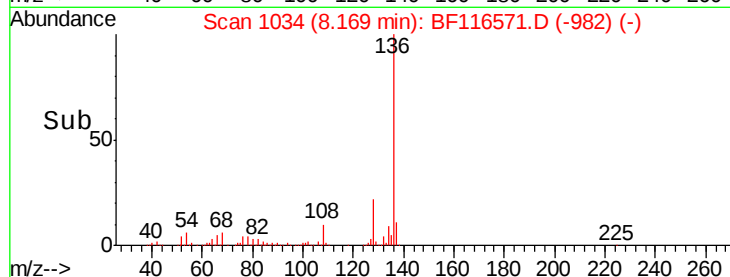
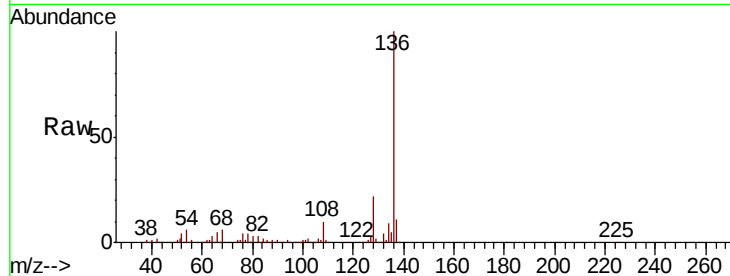




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

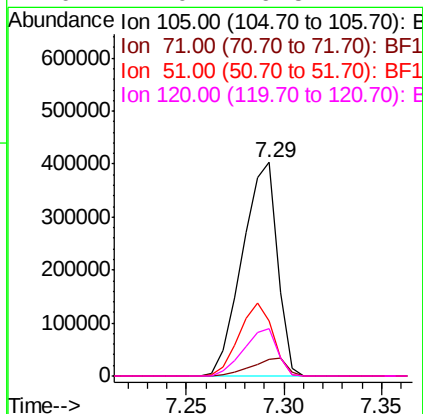
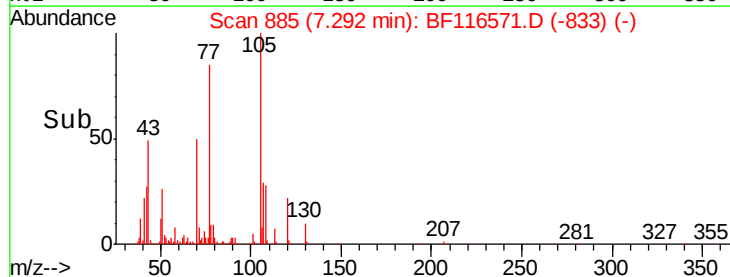
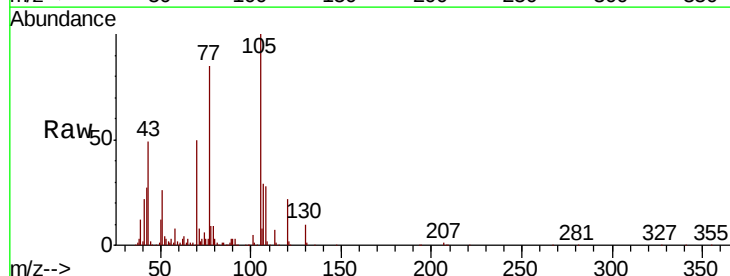
Instrument :
BNA_F
ClientSampleId :
PB122482BS

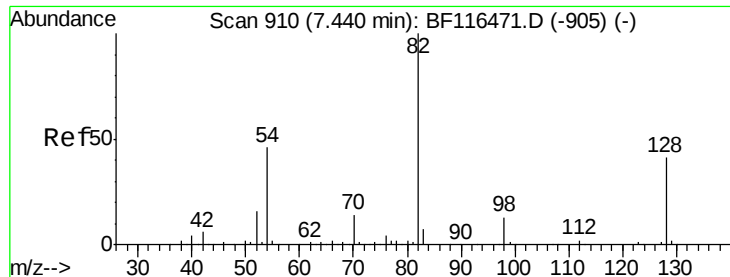
Tgt Ion:	136	Resp:	549676
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.0	5.8	8.6
68	5.6	5.1	7.7



#22
Acetophenone
Concen: 36.442 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:	105	Resp:	500888
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.2	6.2#
51	25.7	23.0	34.4
120	22.0	16.5	24.7

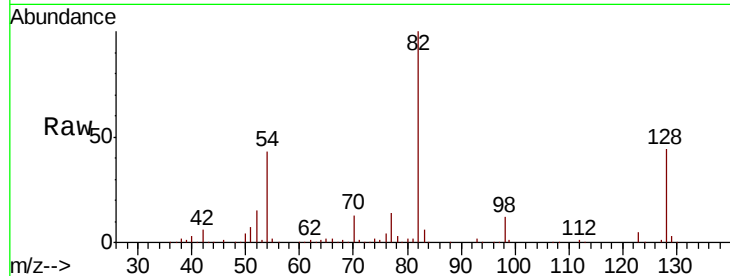




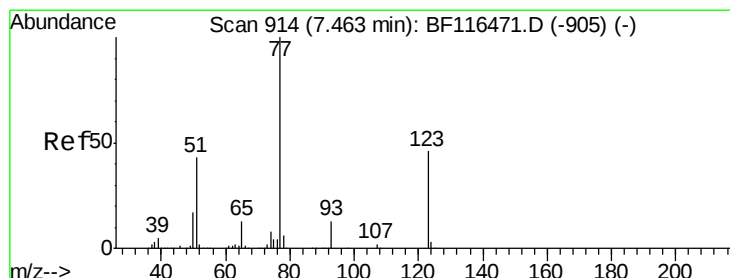
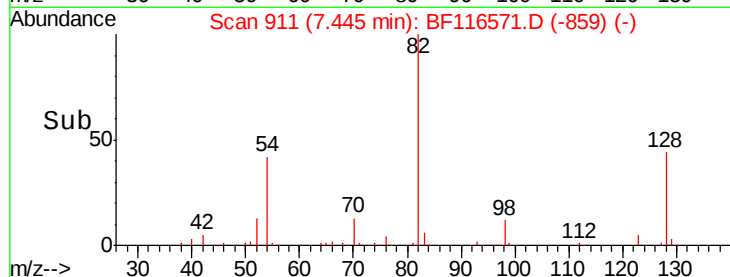
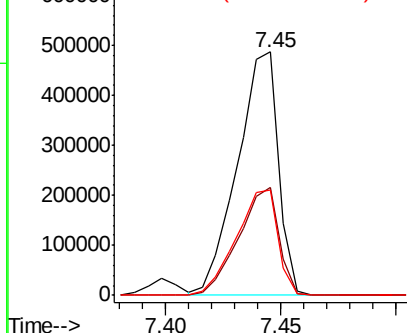
#23
 Nitrobenzene-d5
 Concen: 60.177 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion: 82 Resp: 604600
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.2 48.4
 54 43.2 36.5 54.7

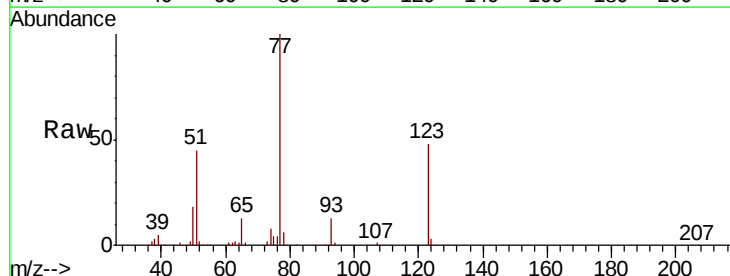


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

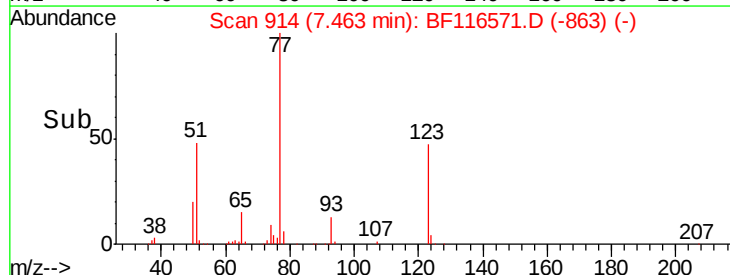
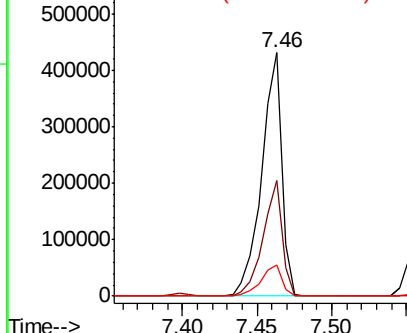


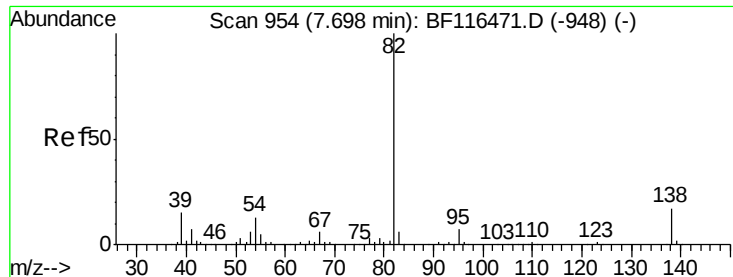
#24
 Nitrobenzene
 Concen: 38.054 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion: 77 Resp: 395946
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.0 55.4
 65 13.0 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

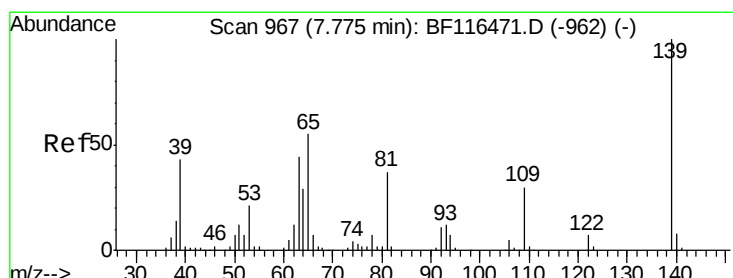
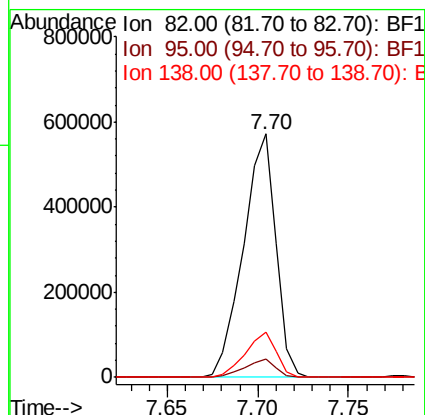
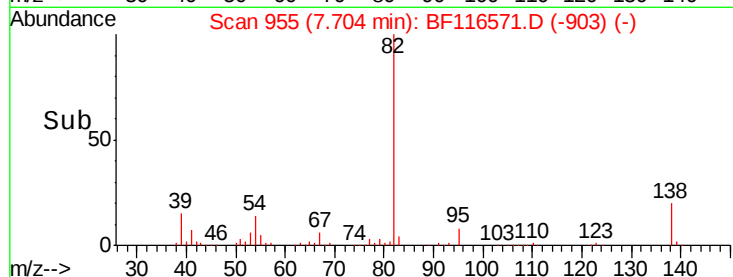
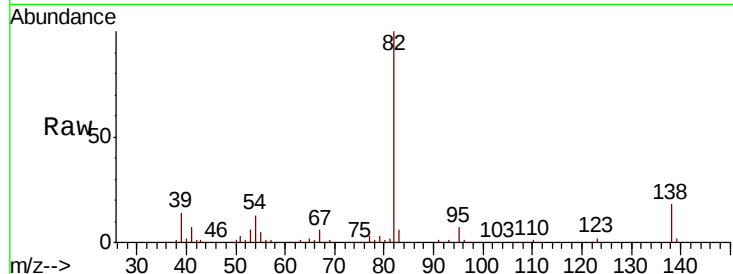




#25
Isophorone
Concen: 36.034 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

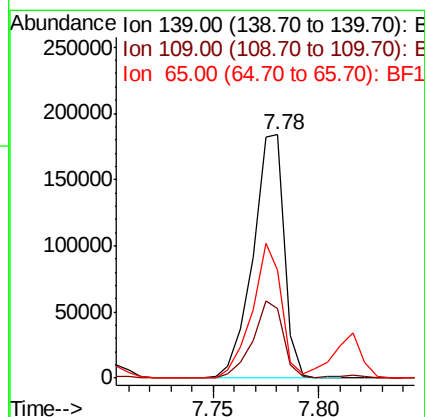
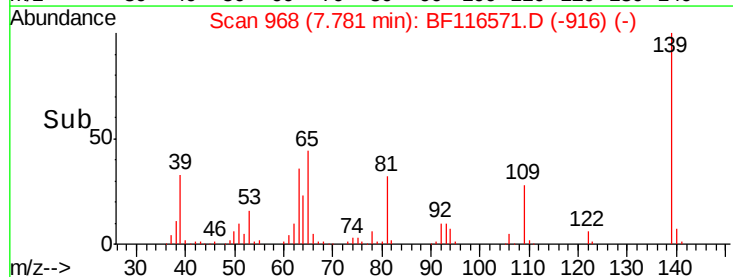
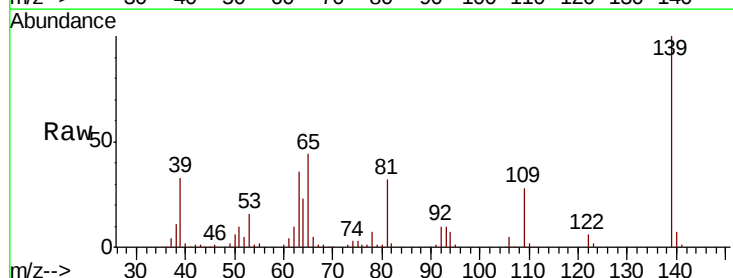
Instrument :
BNA_F
ClientSampleId :
PB122482BS

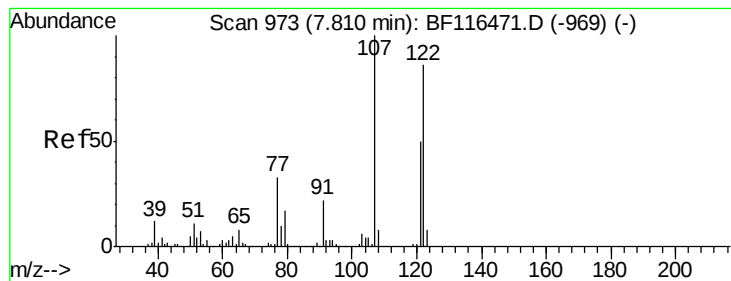
Tgt Ion: 82 Resp: 713445
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 18.4 13.3 19.9



#26
2-Nitrophenol
Concen: 50.078 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion: 139 Resp: 190324
Ion Ratio Lower Upper
139 100
109 28.4 24.3 36.5
65 44.3 44.0 66.0

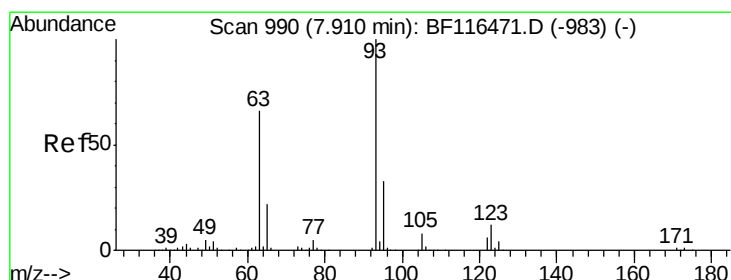
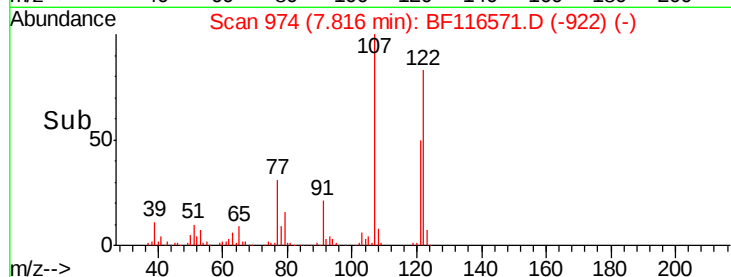
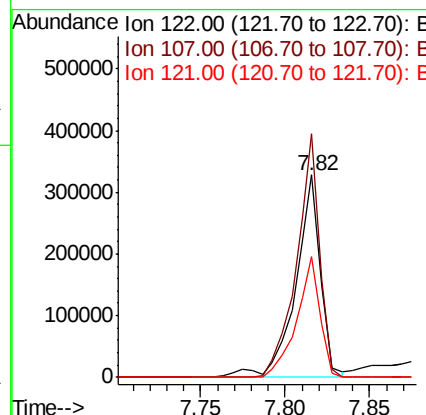
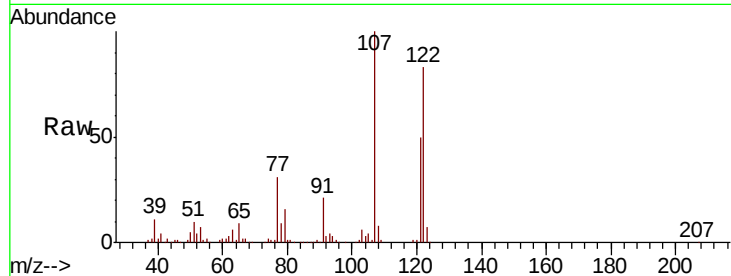




#27
 2,4-Dimethylphenol
 Concen: 42.335 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

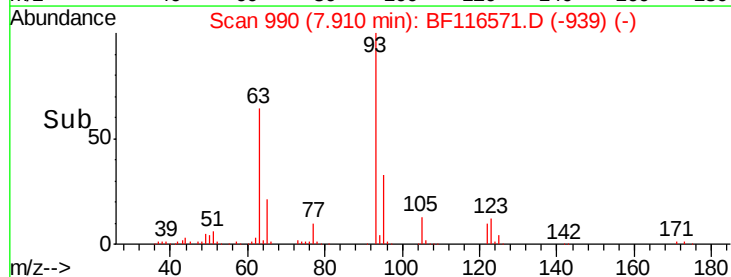
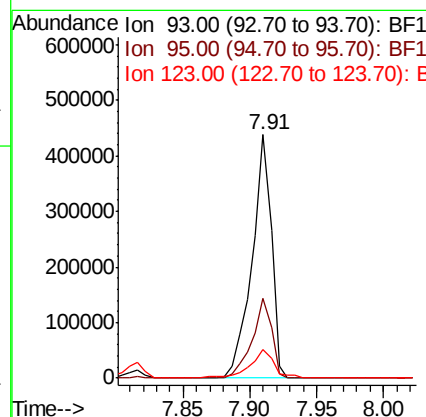
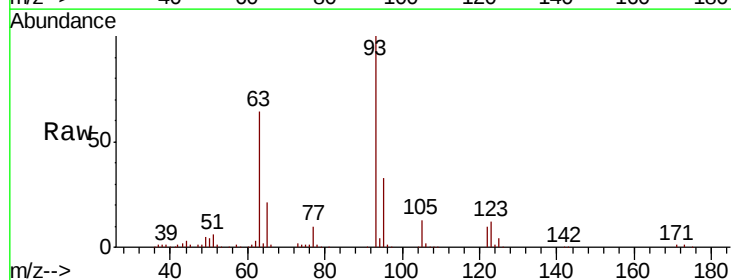
Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

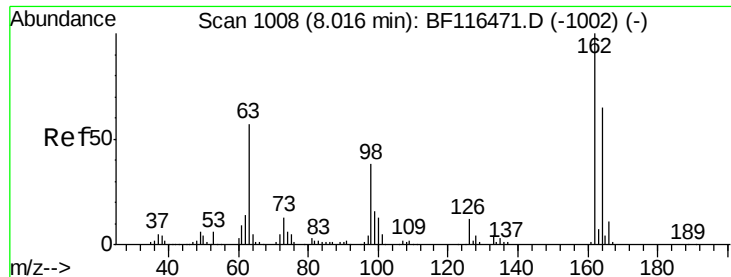
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.3	92.4	138.6
121	59.6	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.539 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.8	14.6

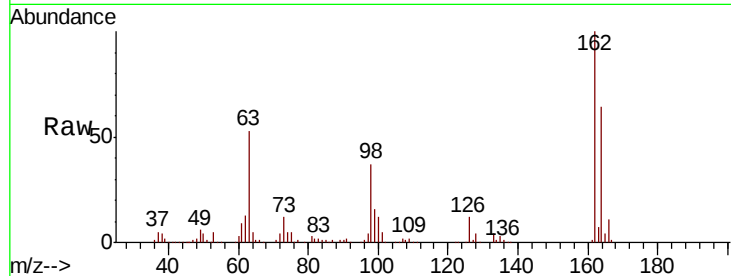




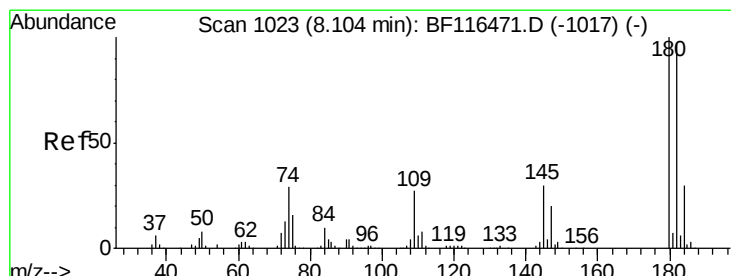
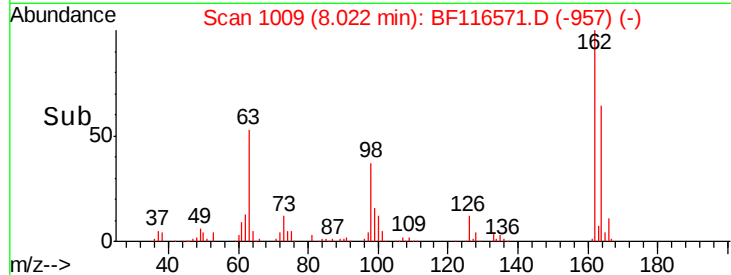
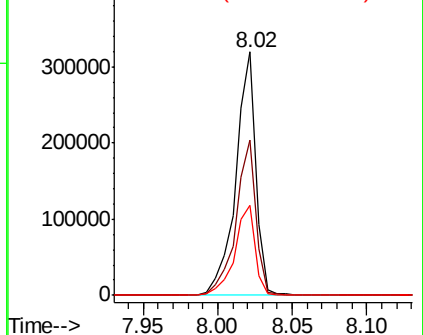
#29
2,4-Dichlorophenol
Concen: 40.244 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion:162 Resp: 303503
Ion Ratio Lower Upper
162 100
164 63.5 44.9 84.9
98 37.1 17.9 57.9

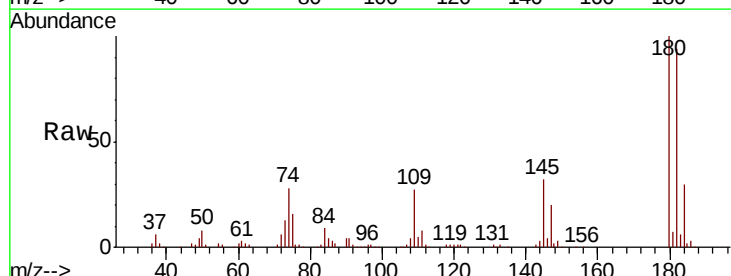


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

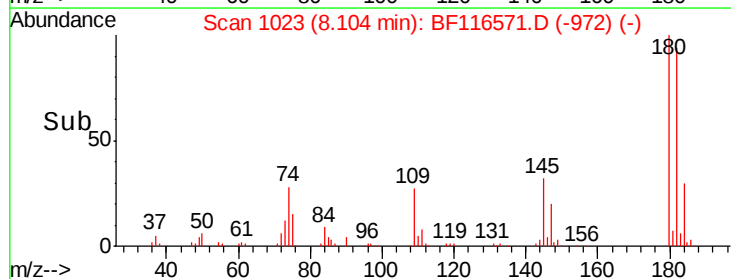
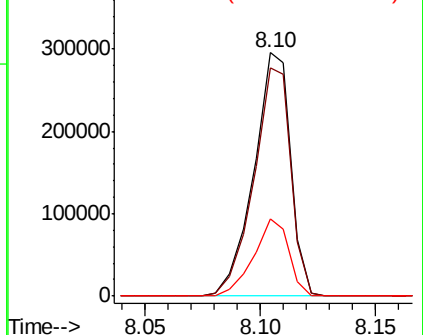


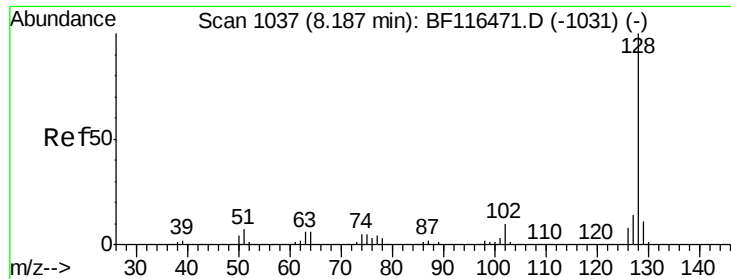
#30
1,2,4-Trichlorobenzene
Concen: 38.672 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:180 Resp: 328327
Ion Ratio Lower Upper
180 100
182 93.7 77.4 116.0
145 31.6 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

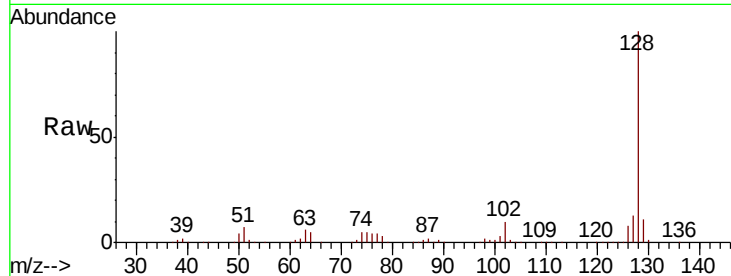




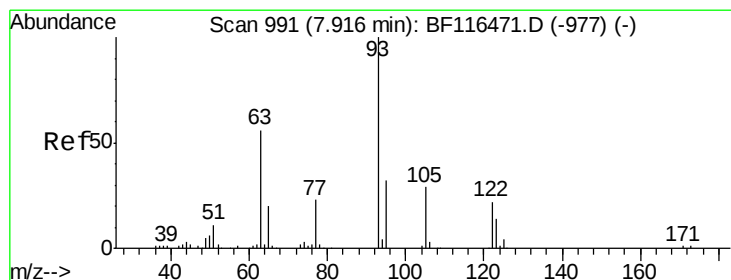
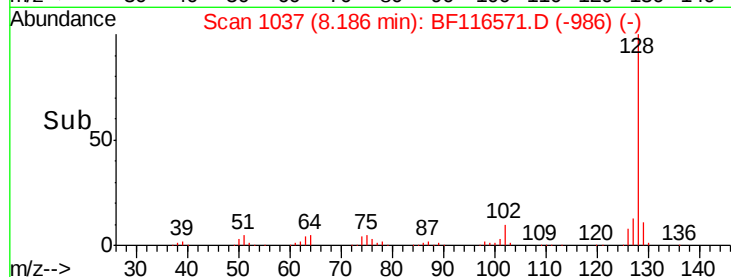
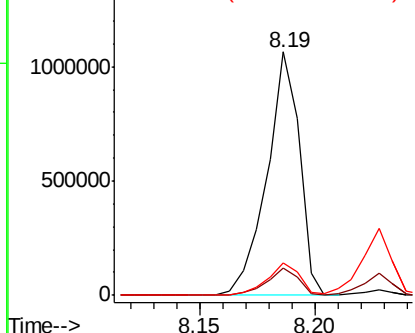
#31
Naphthalene
Concen: 39.161 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion:128 Resp: 1041334
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.9 16.3

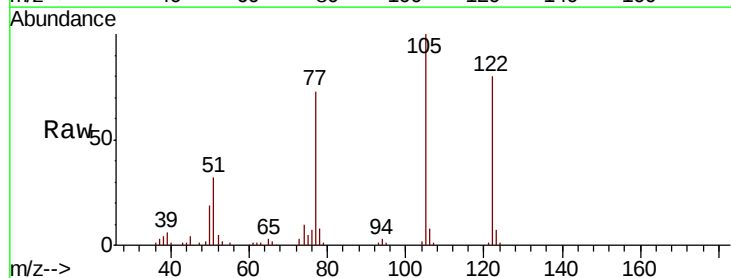


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

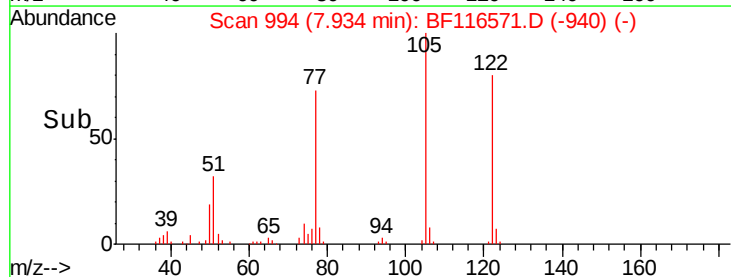
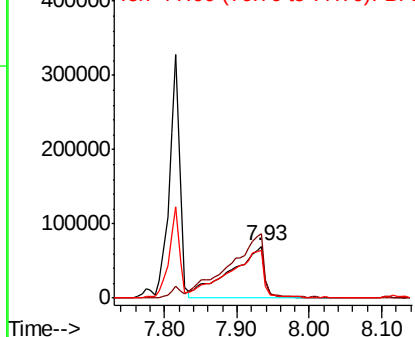


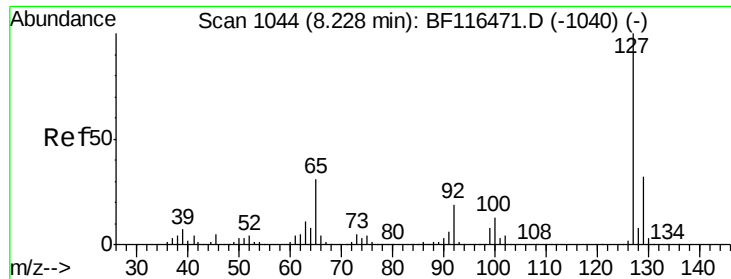
#32
Benzoic acid
Concen: 45.734 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:122 Resp: 231854
Ion Ratio Lower Upper
122 100
105 124.7 109.9 149.9
77 91.3 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

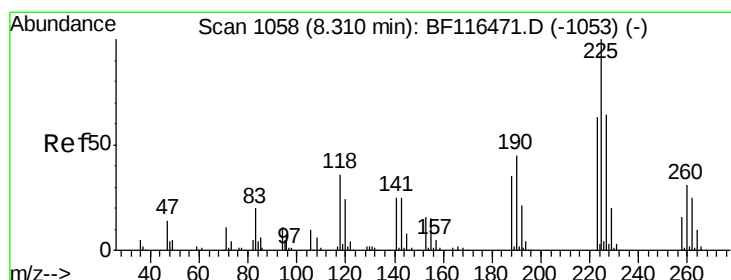
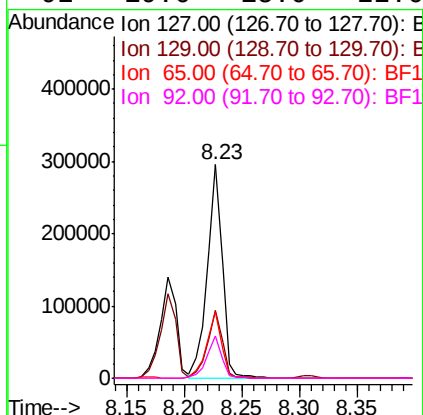
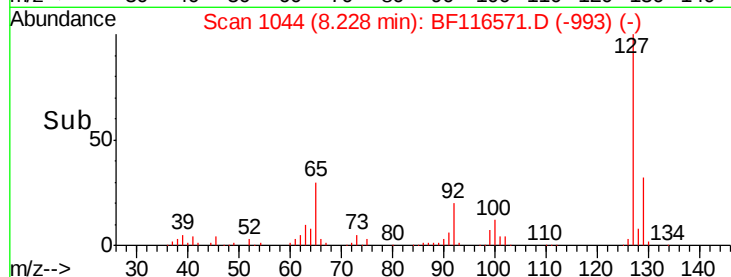
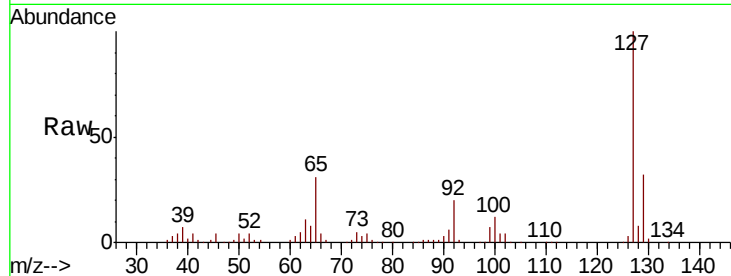




#33
4-Chloroaniline
Concen: 23.256 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

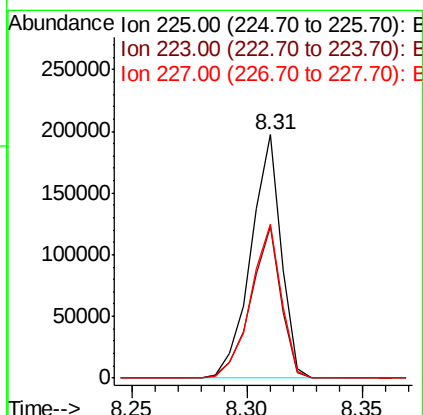
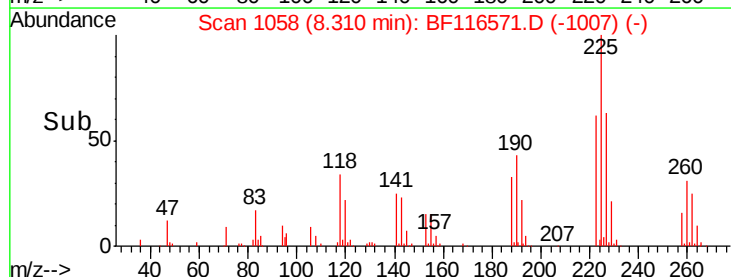
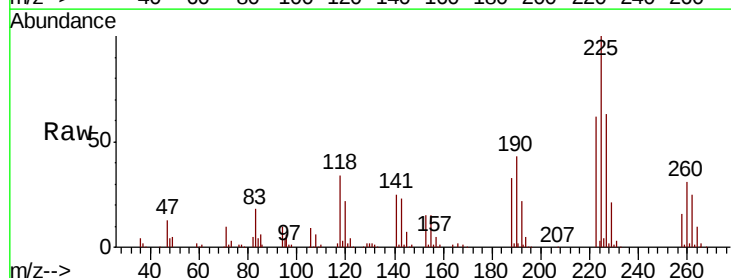
Instrument :
BNA_F
ClientSampleId :
PB122482BS

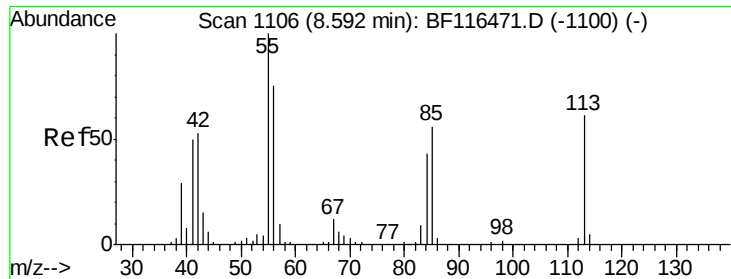
Tgt Ion:	127	Resp:	271475
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.3	25.0	37.6
92	19.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.890 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:	225	Resp:	180068
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.2	51.0	76.4

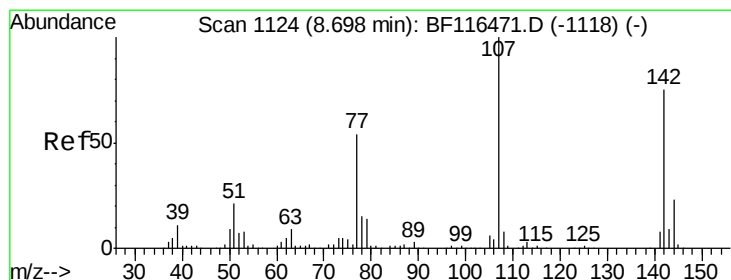
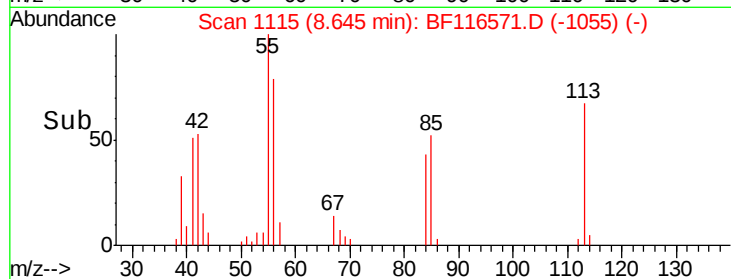
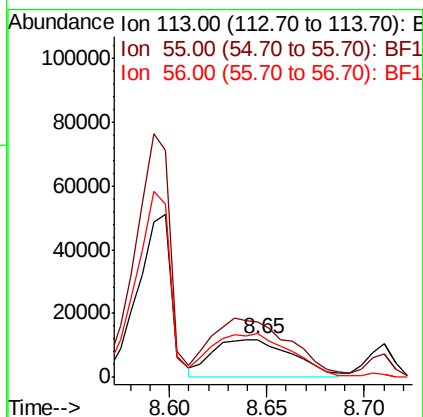
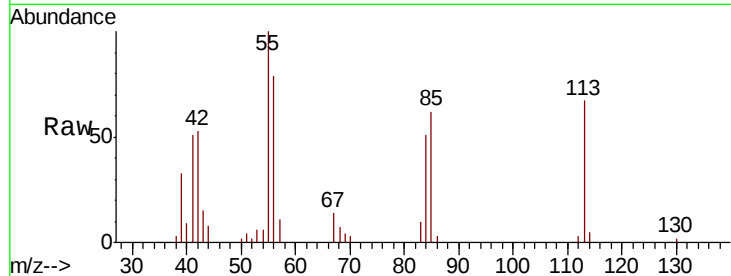




#35
 Caprolactam
 Concen: 12.958 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.05 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

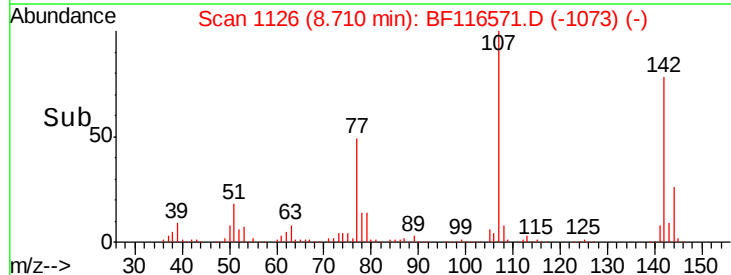
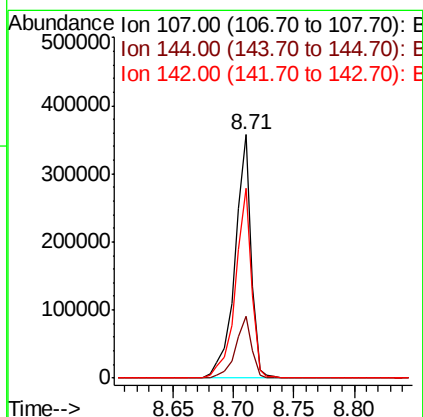
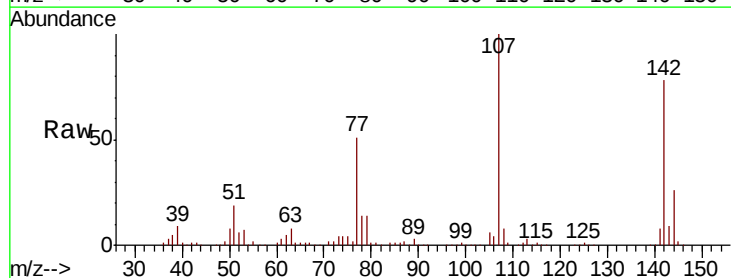
Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

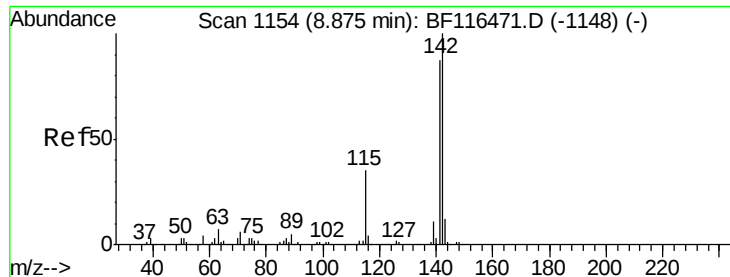
Tgt Ion:113 Resp: 34040
 Ion Ratio Lower Upper
 113 100
 55 148.2 143.6 183.6
 56 117.2 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.198 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:107 Resp: 333538
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.8 28.2
 142 78.2 59.8 89.6

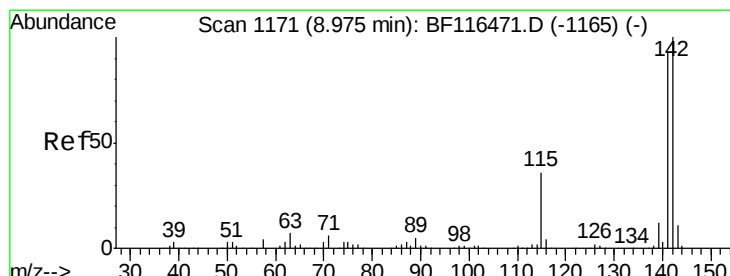
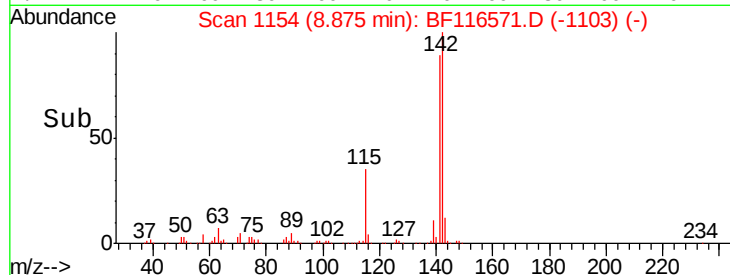
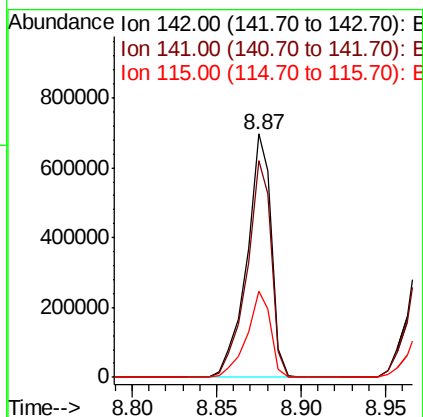
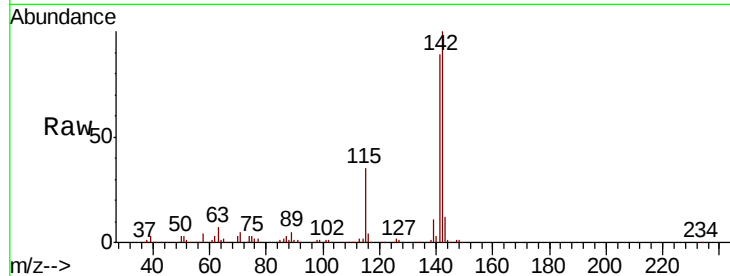




#37
2-Methylnaphthalene
Concen: 38.787 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

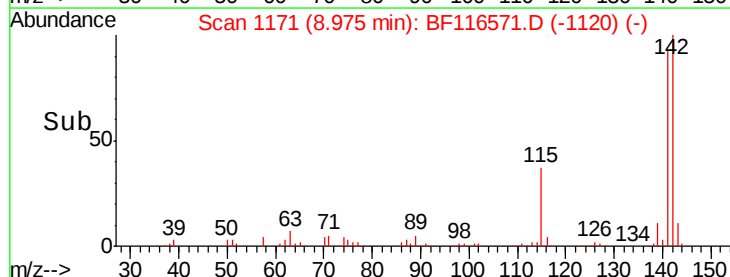
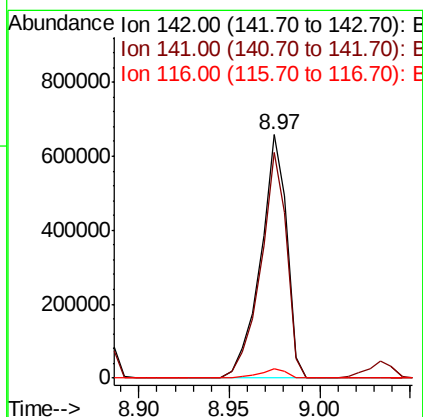
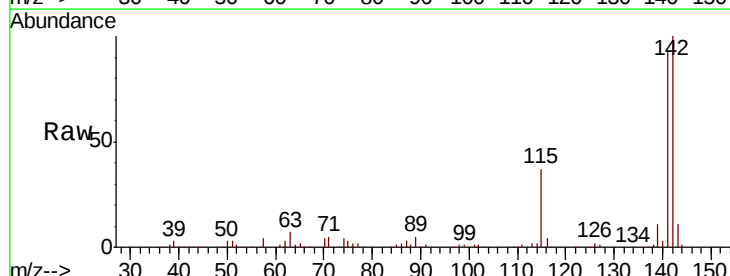
Instrument :
BNA_F
ClientSampleId :
PB122482BS

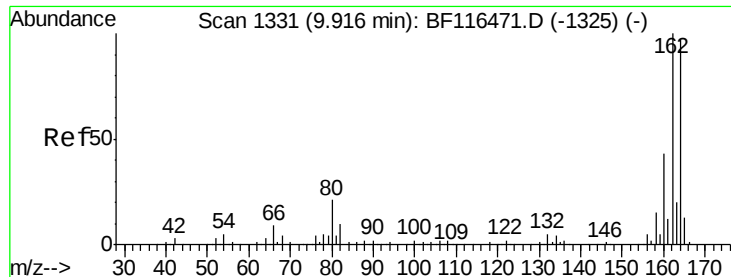
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	35.3	27.7	41.5



#38
1-Methylnaphthalene
Concen: 38.756 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.2
116	3.8	2.9	4.3

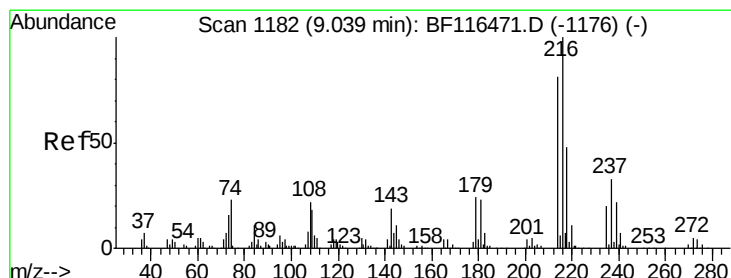
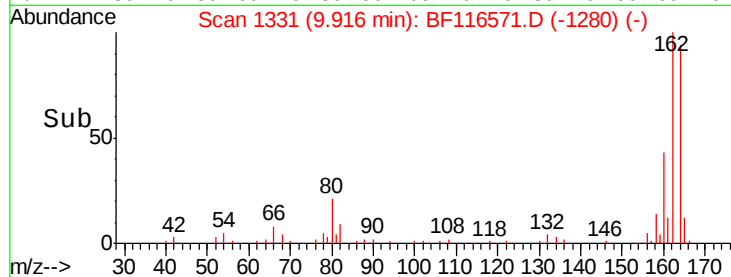
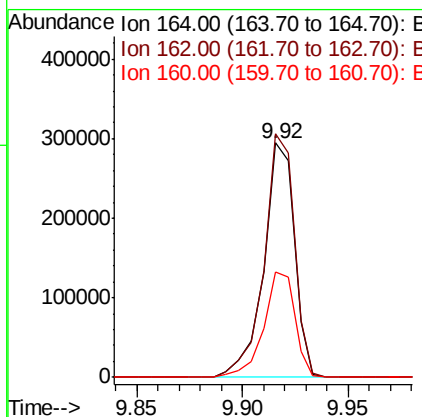
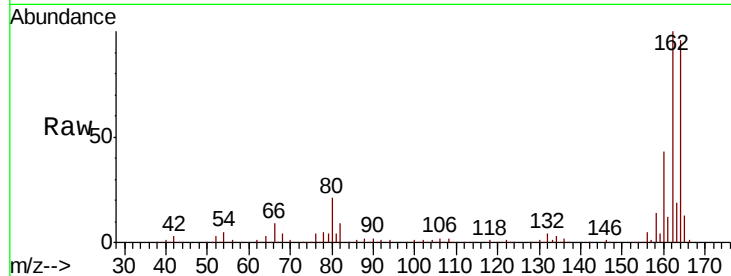




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

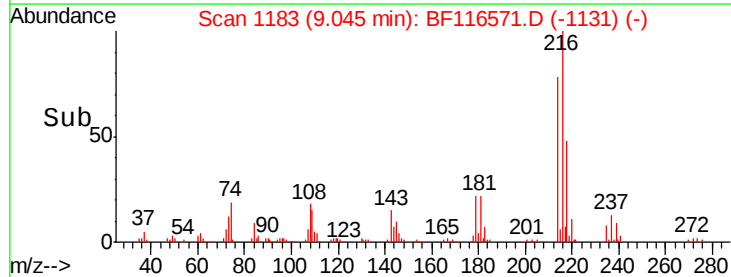
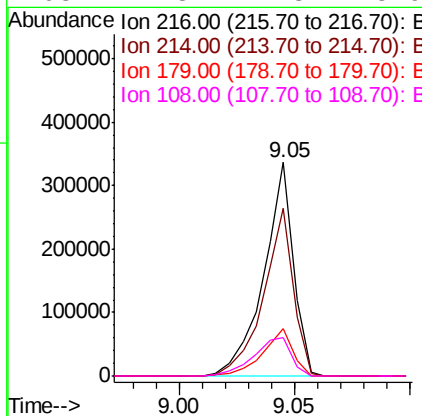
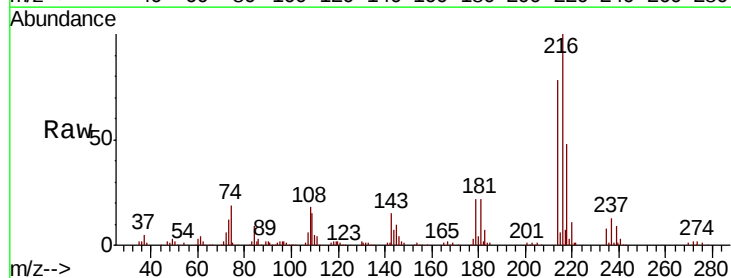
Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

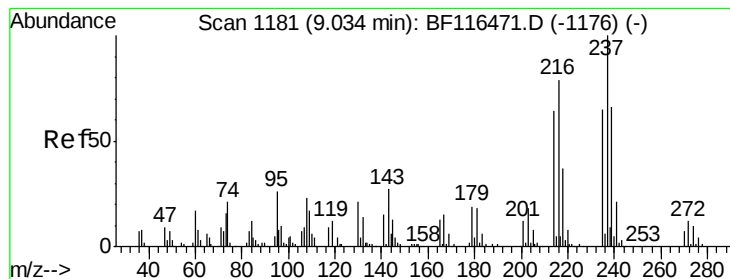
Tgt Ion:164 Resp: 299775
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.1 35.8 53.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.257 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:216 Resp: 300487
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.8 95.8
 179 22.8 18.5 27.7
 108 22.8 17.3 25.9





#41

Hexachlorocyclopentadiene

Concen: 77.290 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

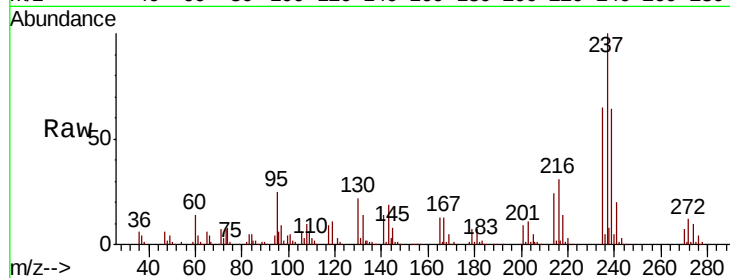
Tgt Ion: 237 Resp: 335388

Ion Ratio Lower Upper

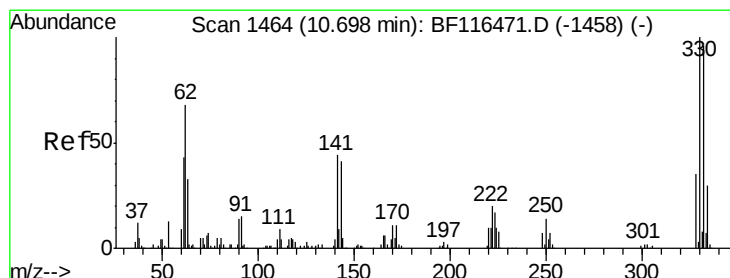
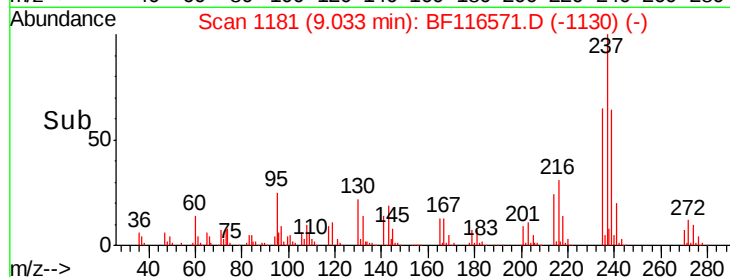
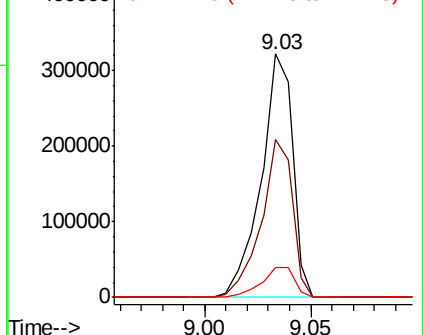
237 100

235 64.9 44.8 84.8

272 12.4 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: 111.121 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

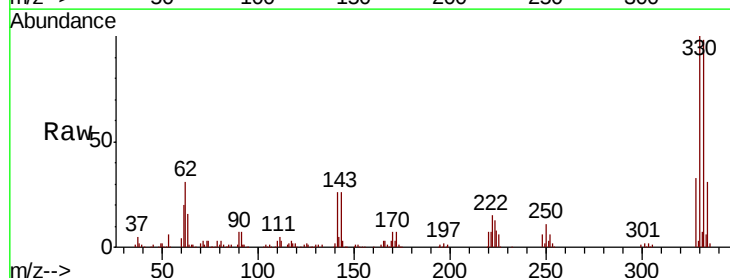
Tgt Ion: 330 Resp: 286036

Ion Ratio Lower Upper

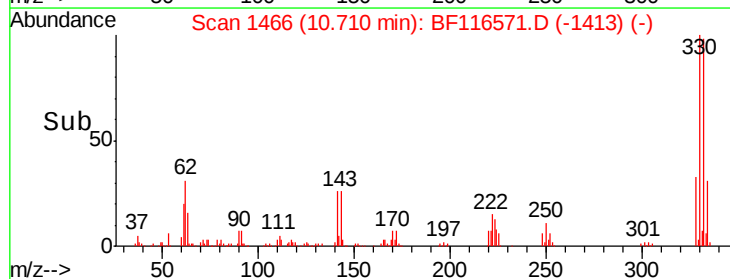
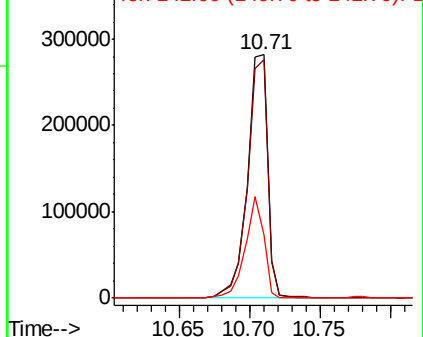
330 100

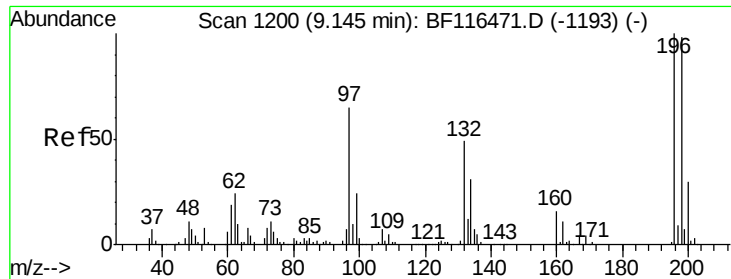
332 96.9 77.2 115.8

141 38.1 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

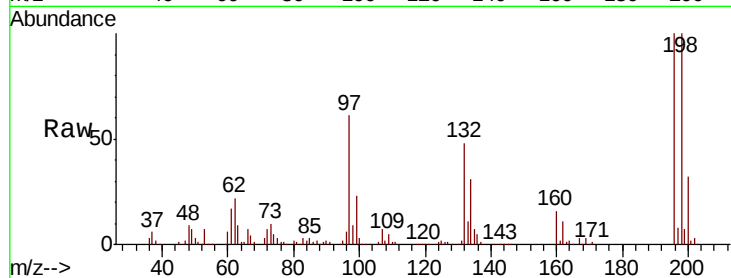




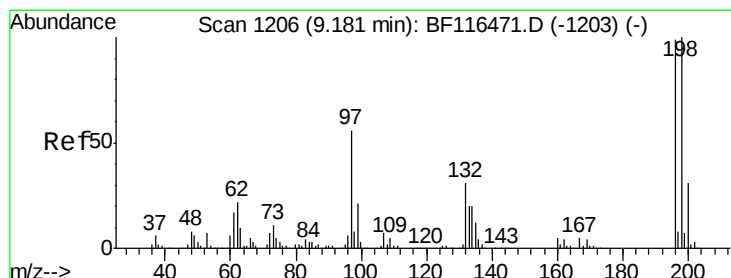
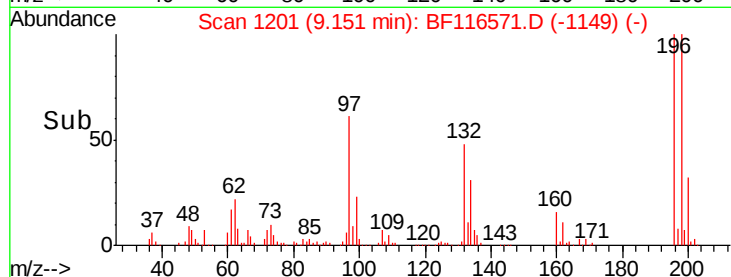
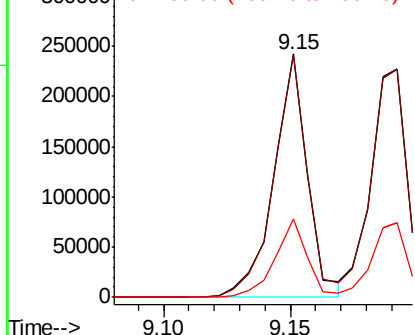
#43
 2,4,6-Trichlorophenol
 Concen: 39.840 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion:196 Resp: 224886
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.0 117.0
 200 32.4 24.2 36.2



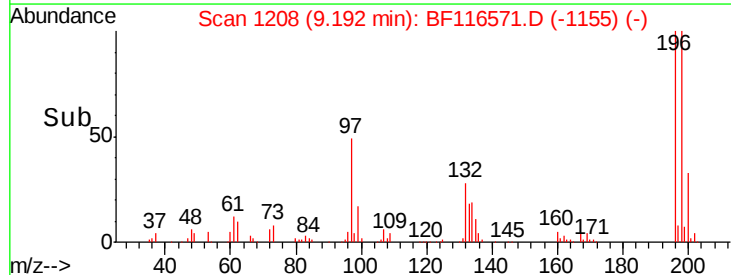
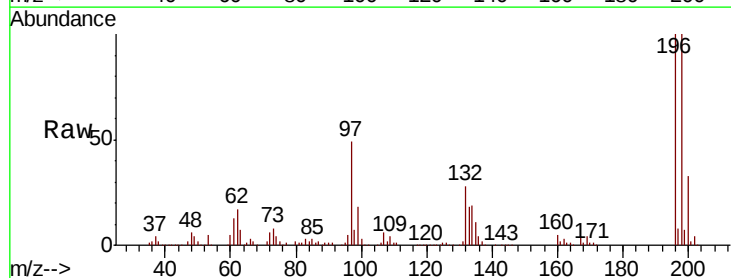
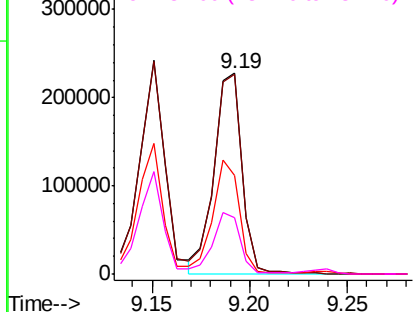
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

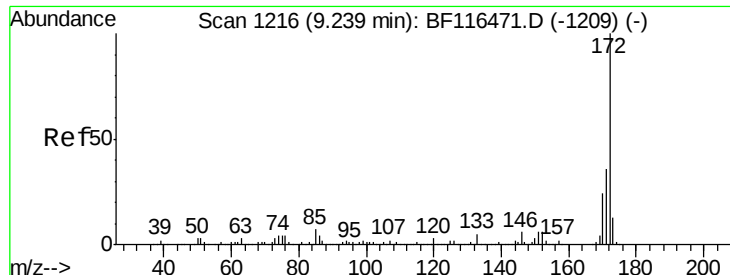


#44
 2,4,5-Trichlorophenol
 Concen: 39.323 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:196 Resp: 225849
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.8 121.2
 97 48.9 45.7 68.5
 132 28.3 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

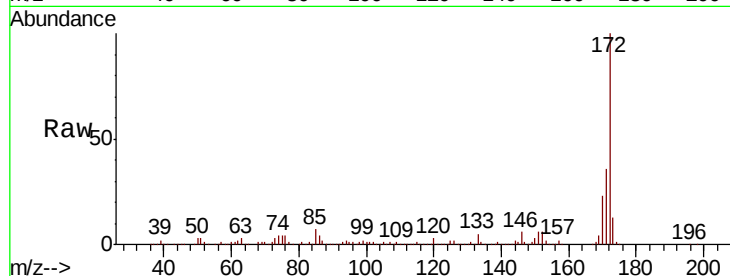




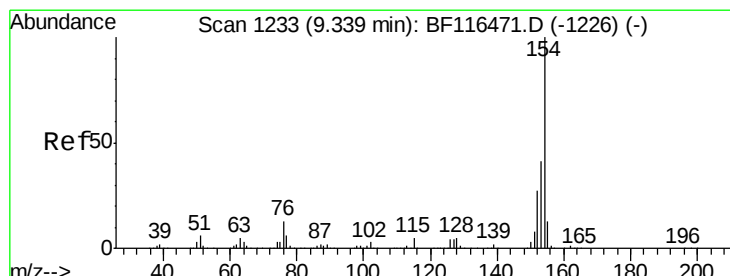
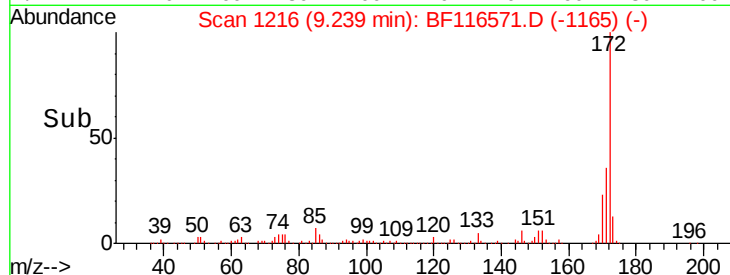
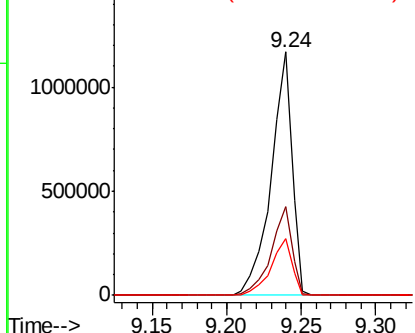
#45
 2-Fluorobiphenyl
 Concen: 61.061 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion:172 Resp: 1136641
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.5 19.4 29.0

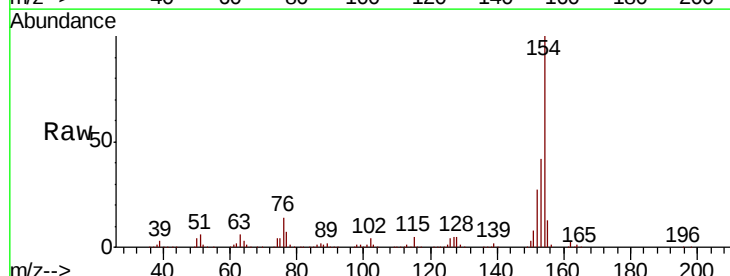


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

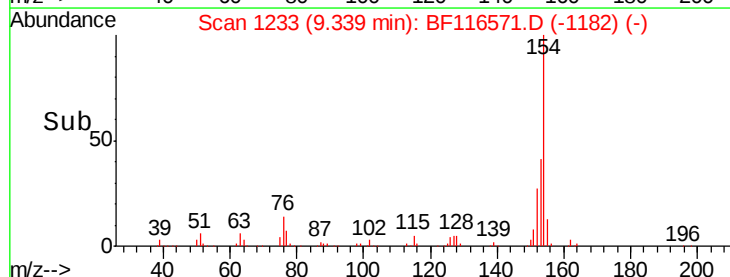
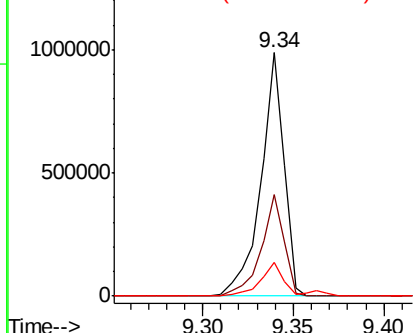


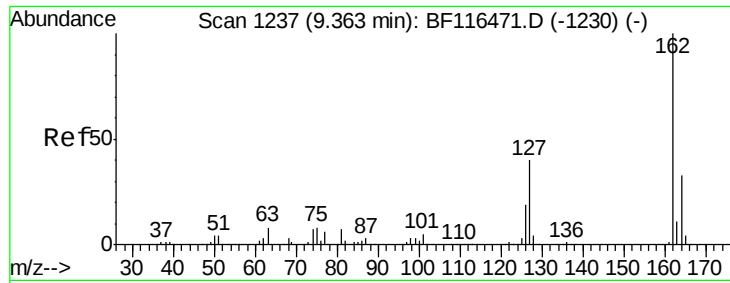
#46
 1,1'-Biphenyl
 Concen: 36.654 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:154 Resp: 878500
 Ion Ratio Lower Upper
 154 100
 153 41.5 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

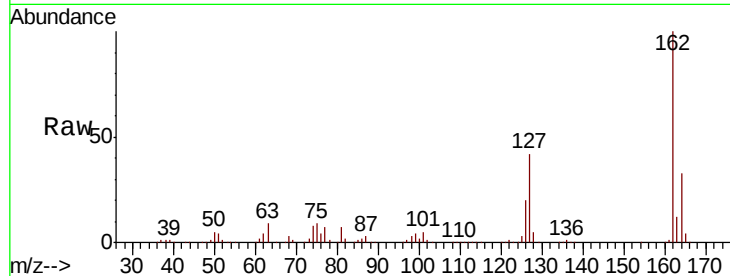




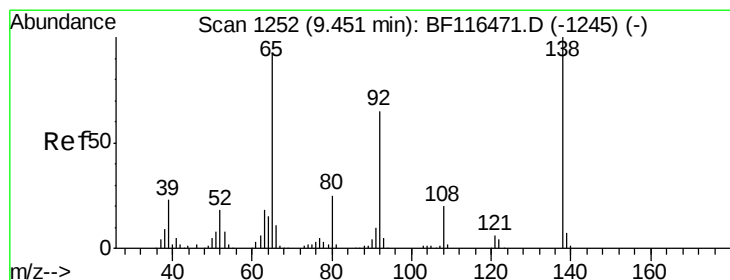
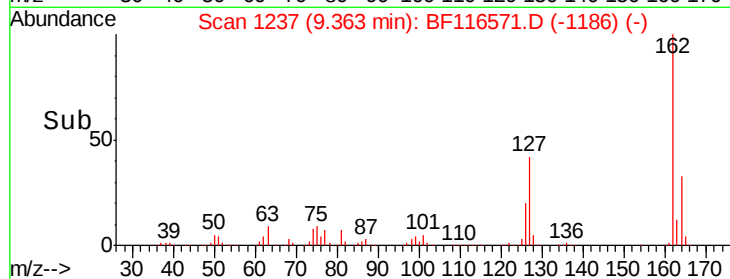
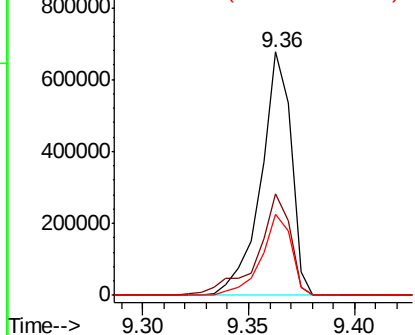
#47
 2-Chloronaphthalene
 Concen: 36.326 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.5	48.7
164	33.2	26.7	40.1

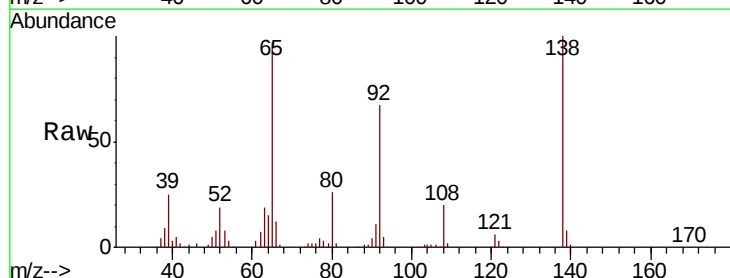


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

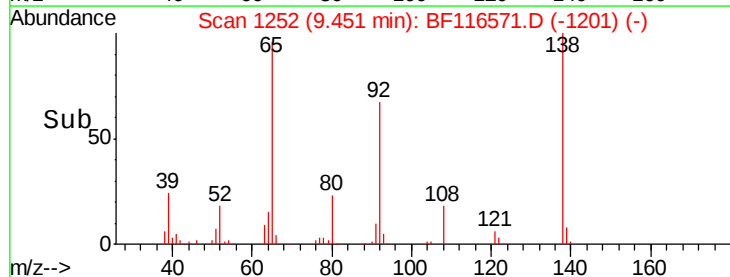
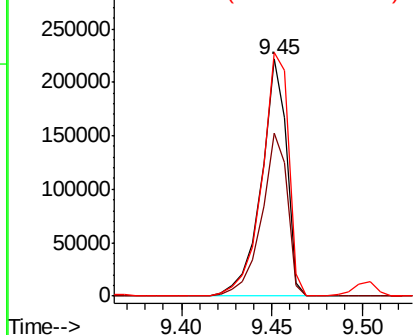


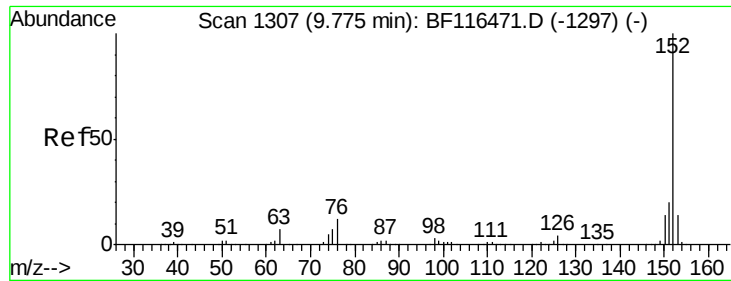
#48
 2-Nitroaniline
 Concen: 37.739 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	56.2	84.2
138	102.8	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: 38.602 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

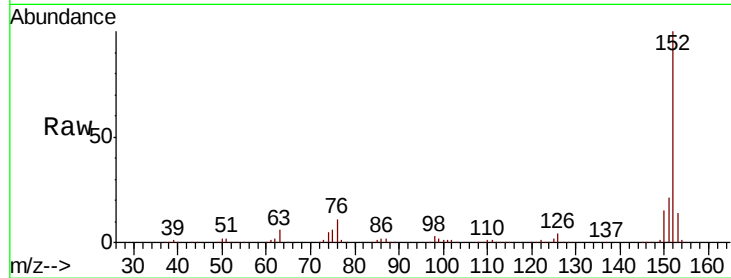
Tgt Ion:152 Resp: 1049381

Ion Ratio Lower Upper

152 100

151 21.2 16.1 24.1

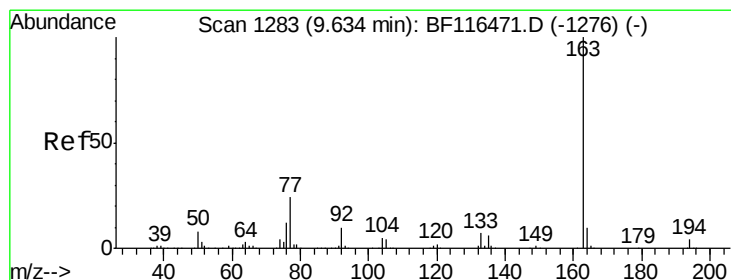
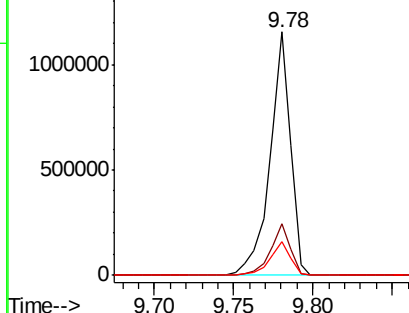
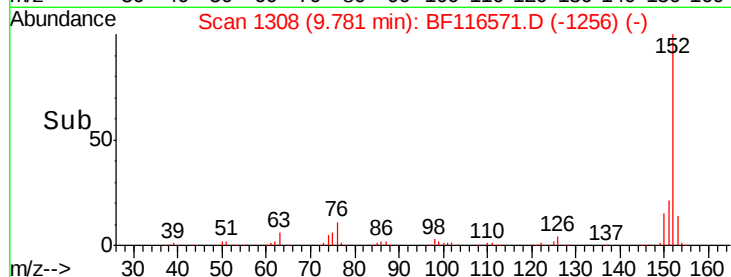
153 13.8 11.4 17.0



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: 37.689 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

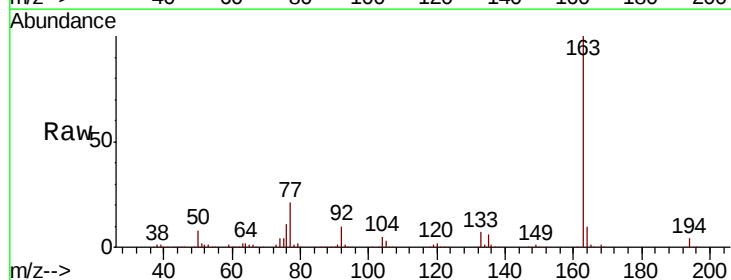
Tgt Ion:163 Resp: 788281

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

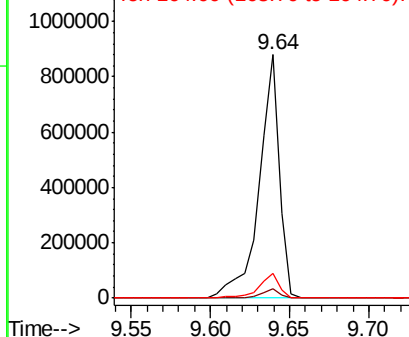
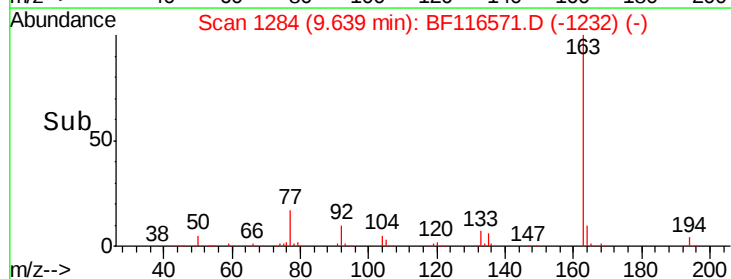
164 10.2 8.2 12.2

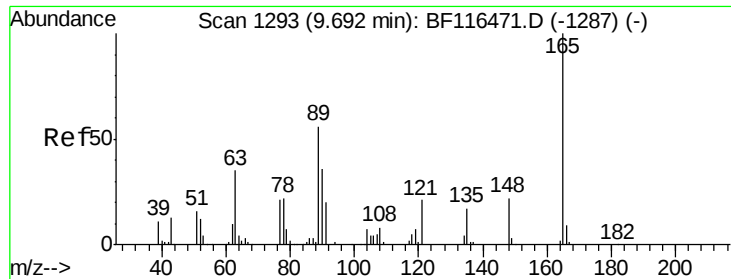


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

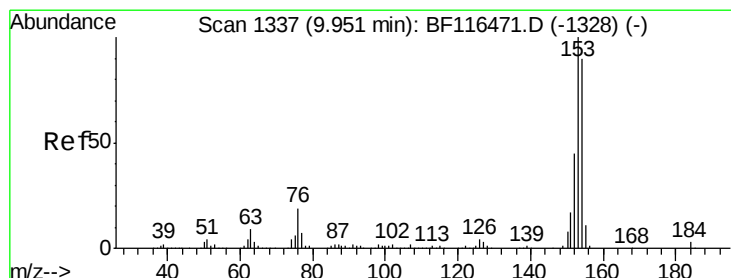
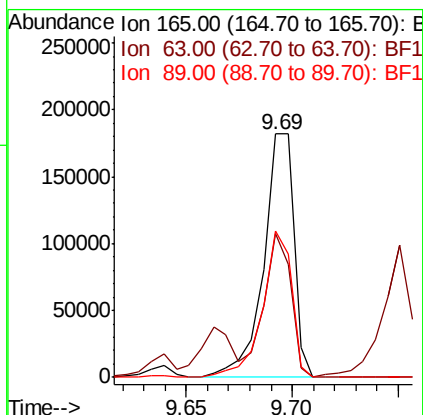
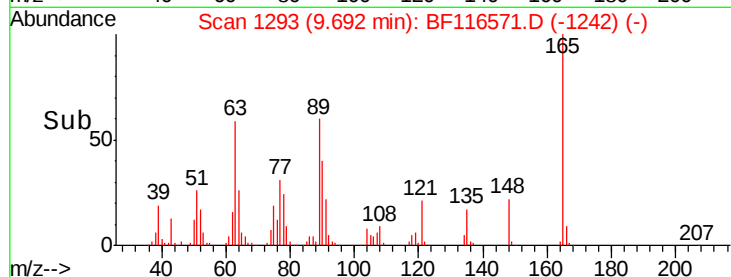
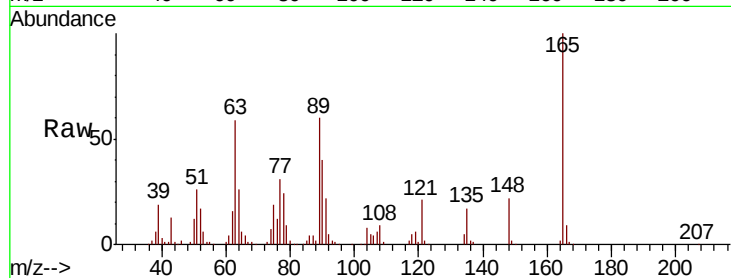




#51
2,6-Dinitrotoluene
Concen: 42.800 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

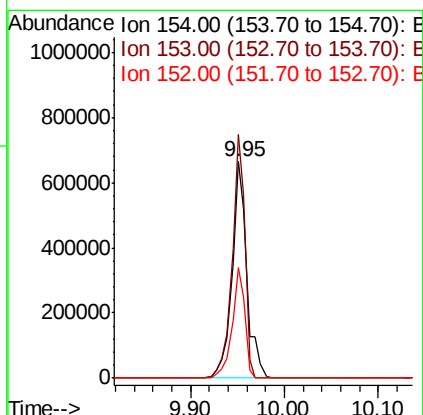
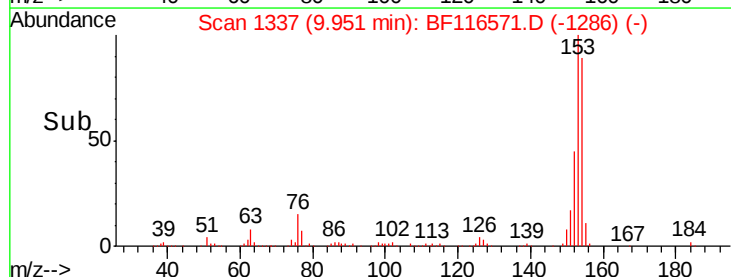
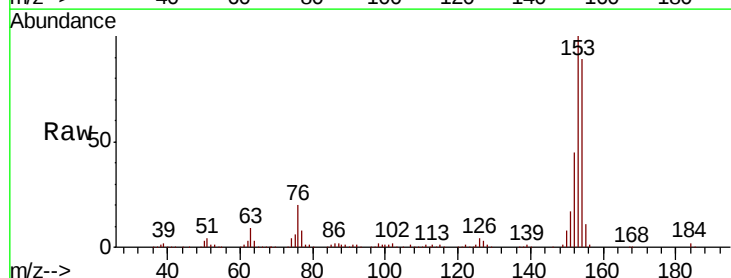
Instrument :
BNA_F
ClientSampleId :
PB122482BS

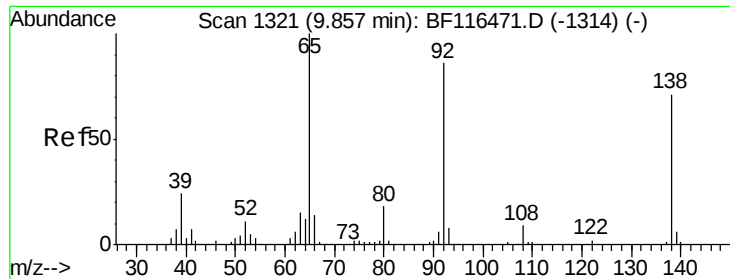
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	43.7	65.5
89	60.3	45.1	67.7



#52
Acenaphthene
Concen: 41.712 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.3	133.9
152	50.9	40.2	60.4

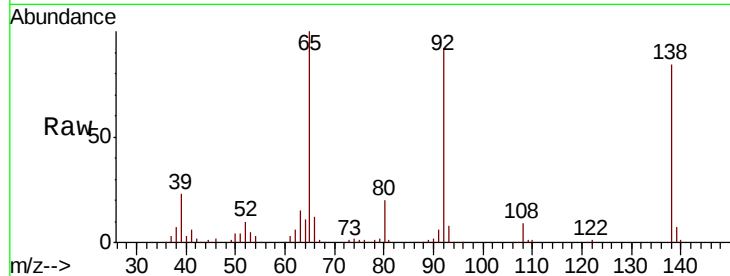




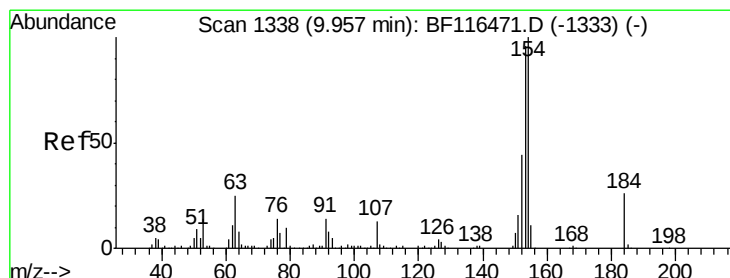
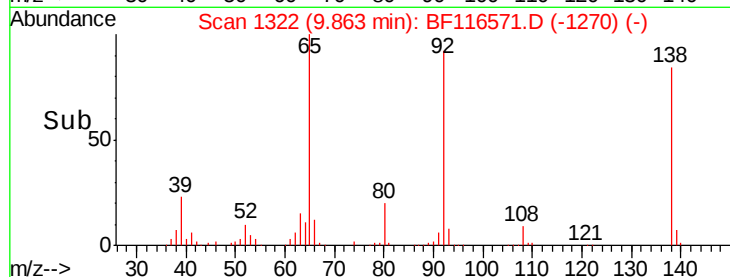
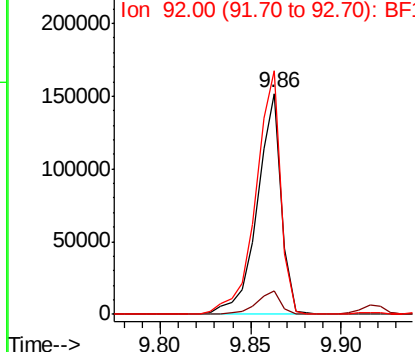
#53
3-Nitroaniline
Concen: 27.439 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion:138 Resp: 140023
Ion Ratio Lower Upper
138 100
108 10.6 10.0 15.0
92 110.2 97.7 146.5

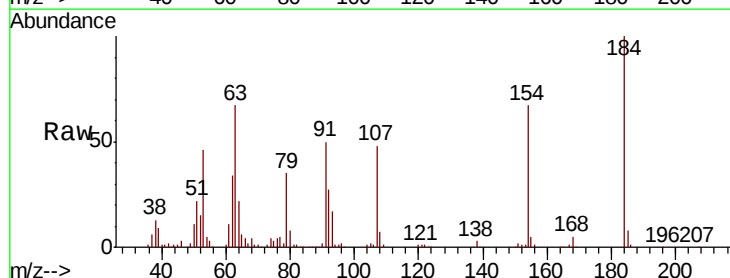


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

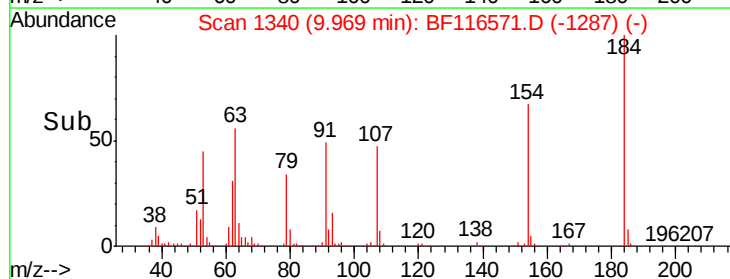
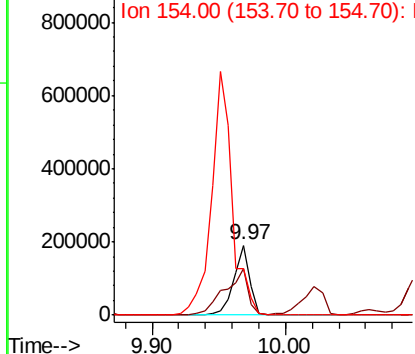


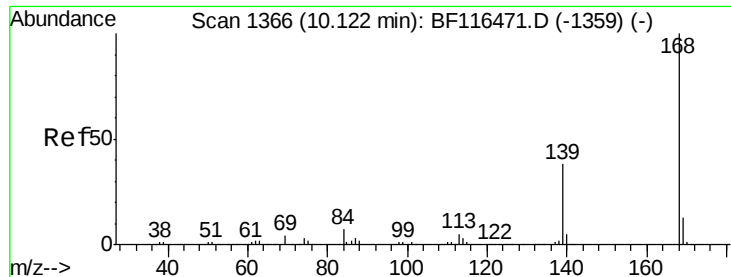
#54
2,4-Dinitrophenol
Concen: 95.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:184 Resp: 162203
Ion Ratio Lower Upper
184 100
63 67.0 78.2 117.4#
154 67.3 320.4 480.6#



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

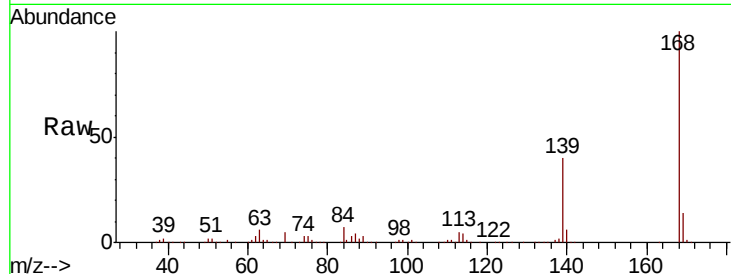




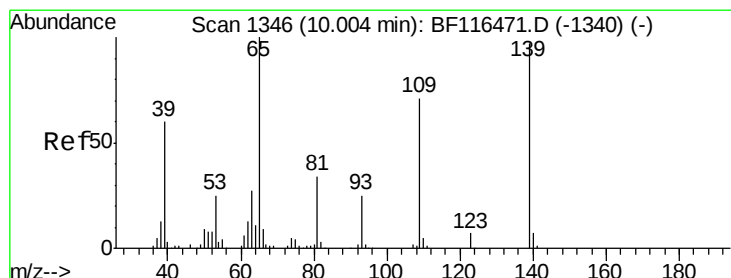
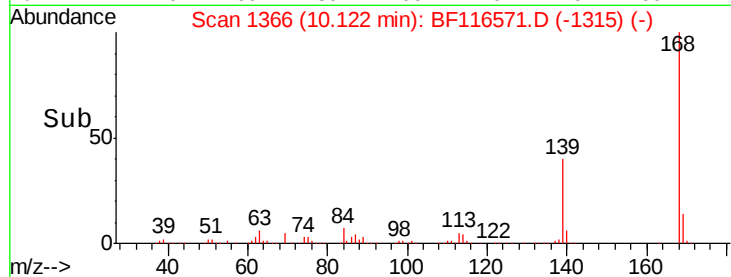
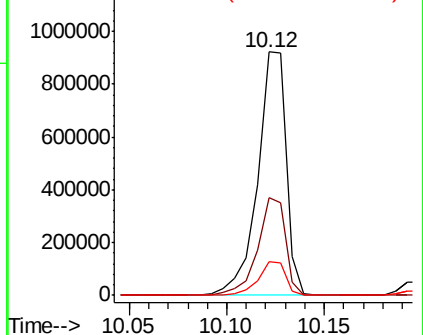
#55
Dibenzenofuran
Concen: 38.469 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion:168 Resp: 935401
Ion Ratio Lower Upper
168 100
139 40.3 30.7 46.1
169 13.8 10.7 16.1

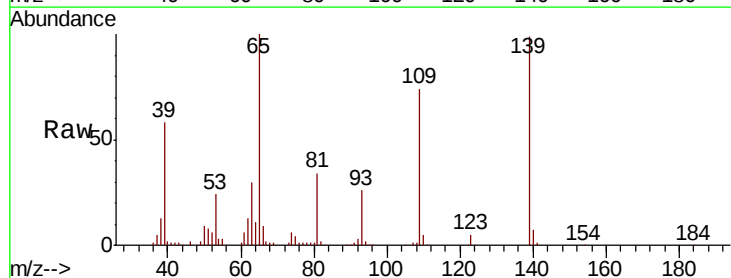


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

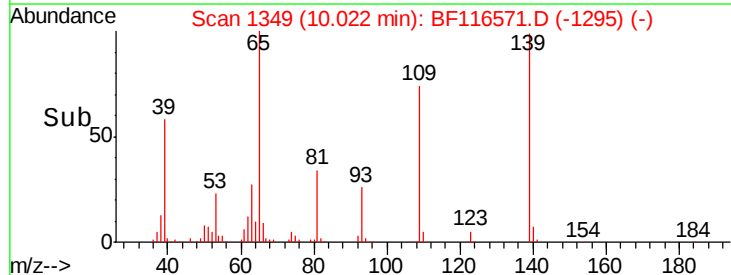
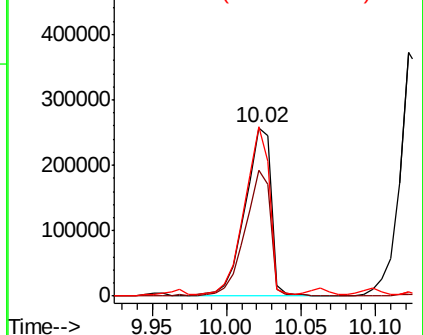


#56
4-Nitrophenol
Concen: 78.148 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:139 Resp: 309965
Ion Ratio Lower Upper
139 100
109 74.8 53.4 93.4
65 101.1 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

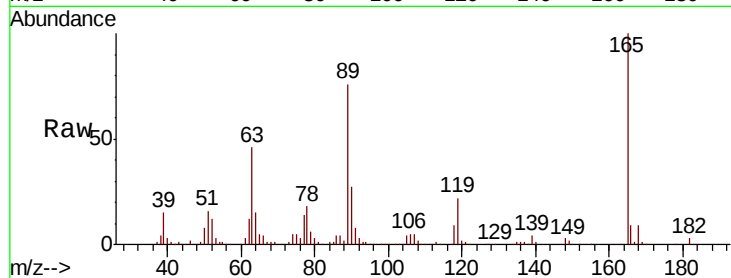




#57
2,4-Dinitrotoluene
Concen: 44.692 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	36.9	55.3
89	76.3	63.4	95.0
182	2.8	2.1	3.1



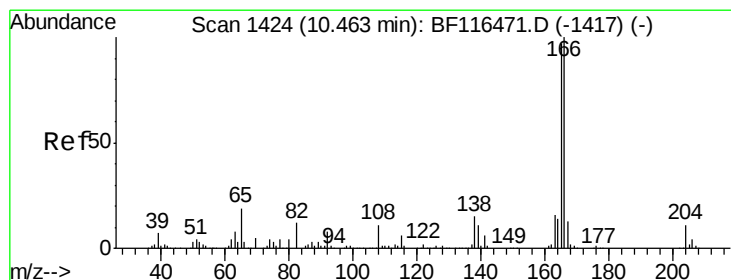
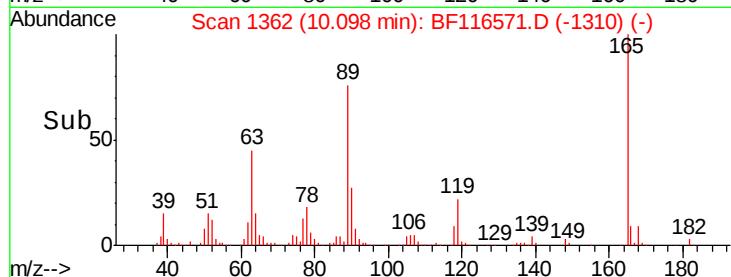
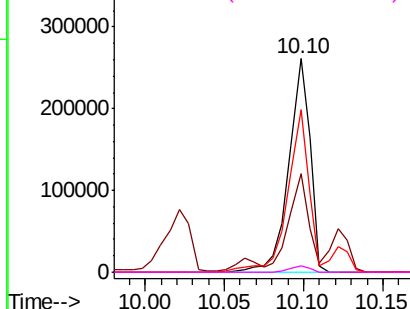
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

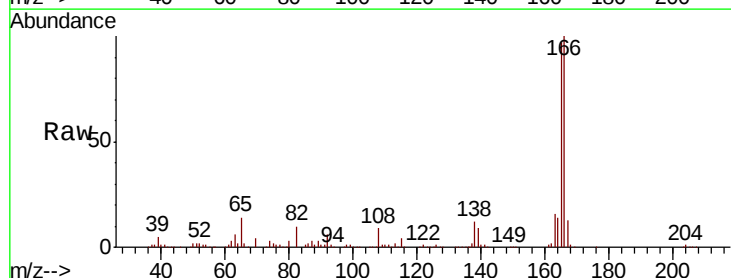
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.158 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.4	116.0
167	13.1	10.8	16.2

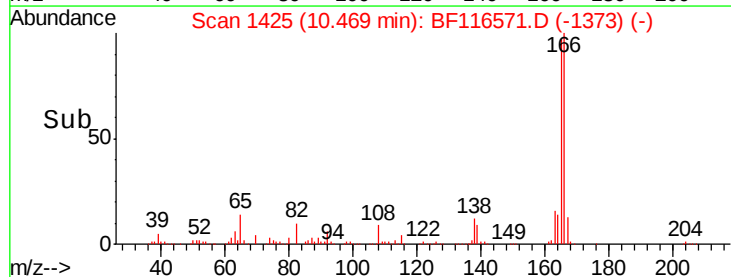
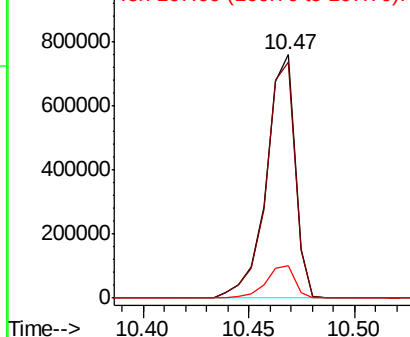


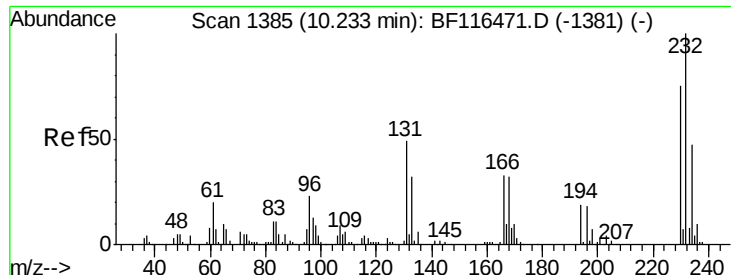
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

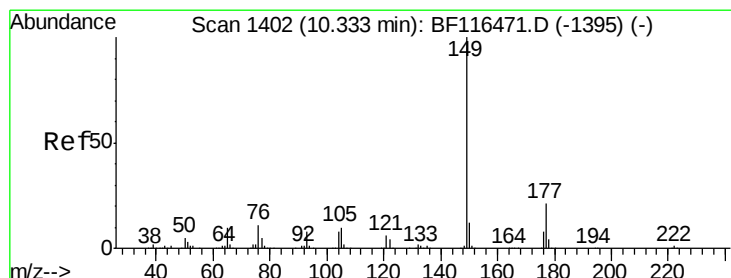
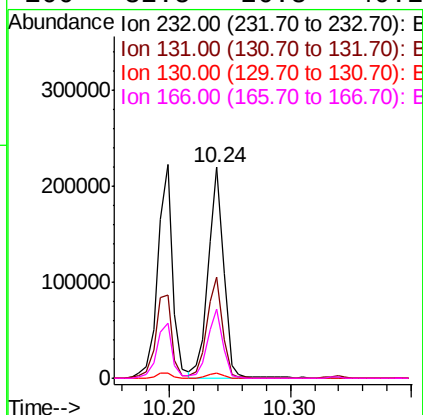
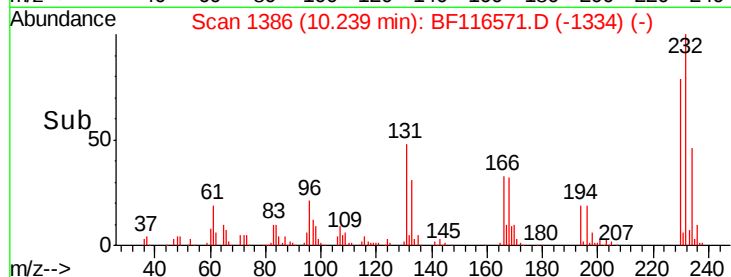
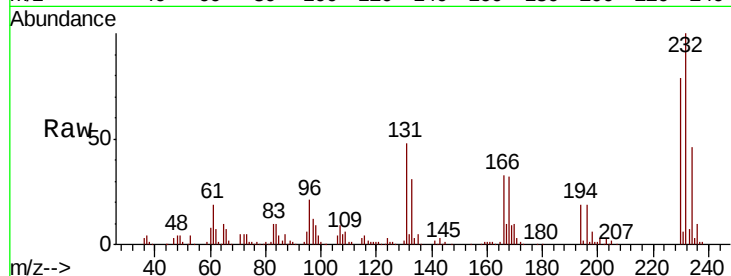




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.065 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

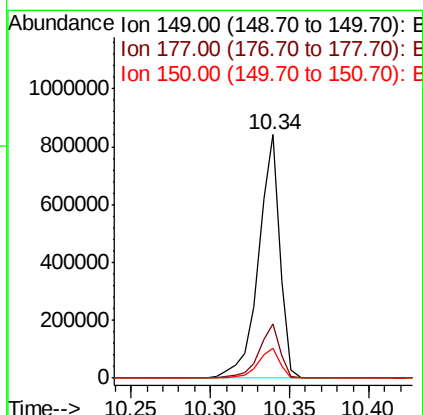
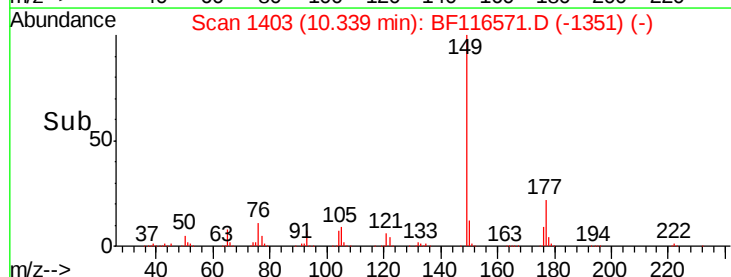
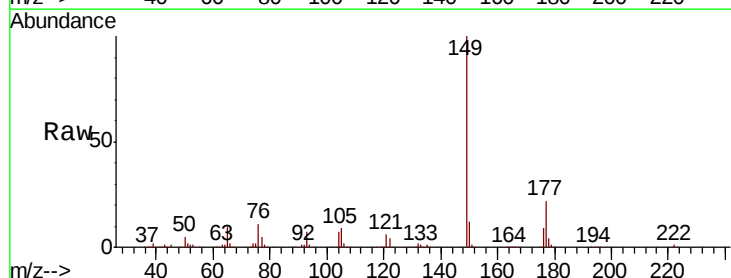
Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion:	232	Resp:	193660
Ion	Ratio	Lower	Upper
232	100		
131	48.0	40.8	61.2
130	2.4	1.8	2.8
166	32.5	26.8	40.2



#60
 Diethylphthalate
 Concen: 38.417 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:	149	Resp:	789744
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.2	9.8	14.6

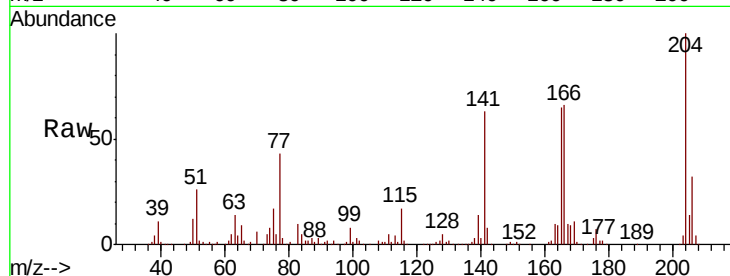




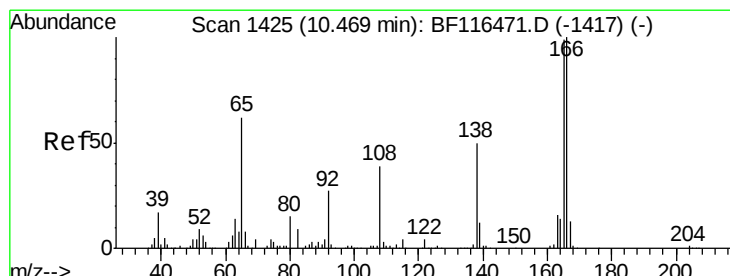
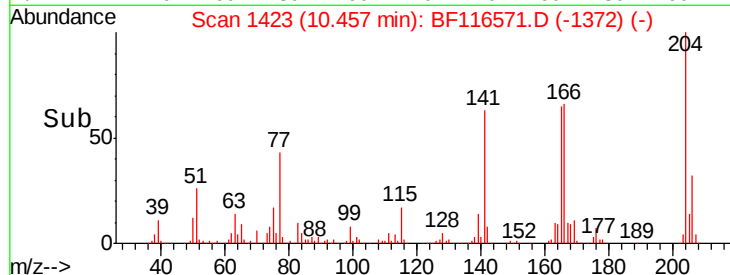
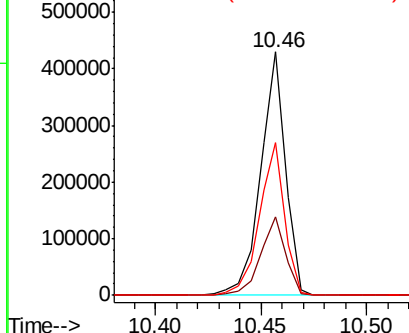
#61
 4-Chlorophenyl-phenylether
 Concen: 38.239 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion: 204 Resp: 352428
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 62.6 48.6 73.0

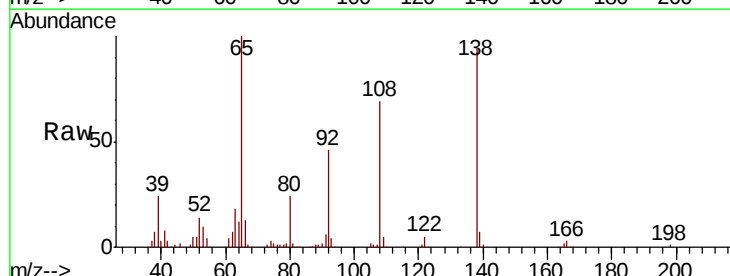


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

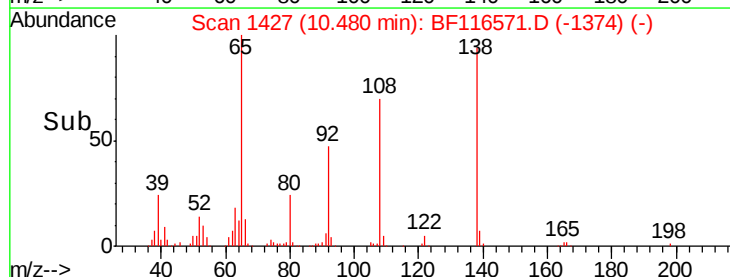
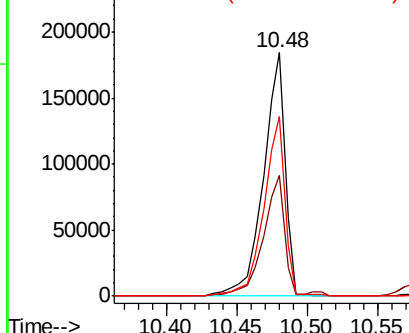


#62
 4-Nitroaniline
 Concen: 40.245 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion: 138 Resp: 200859
 Ion Ratio Lower Upper
 138 100
 92 49.5 34.9 74.9
 108 74.0 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: 37.212 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

Tgt Ion: 77 Resp: 786538

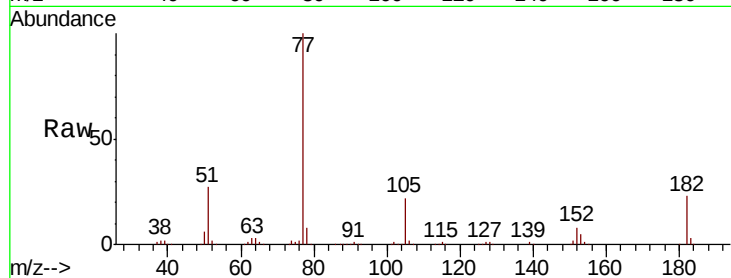
Ion Ratio Lower Upper

77 100

182 23.5 5.4 45.4

105 21.6 1.6 41.6

51 27.2 6.2 46.2

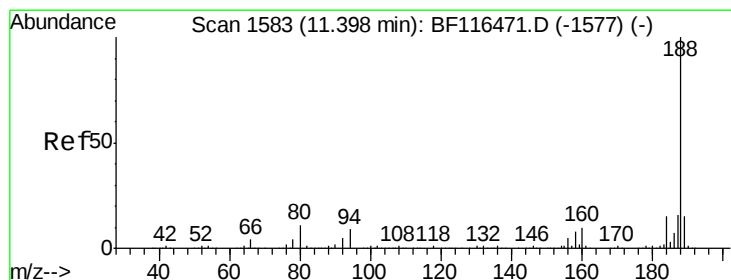
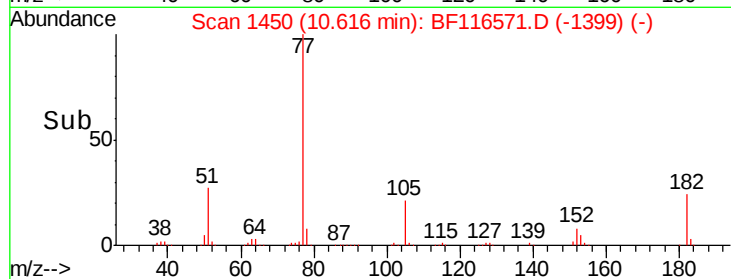
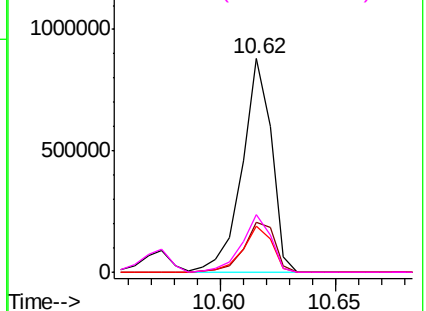


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116571.D

Acq: 26 Aug 2019 13:39

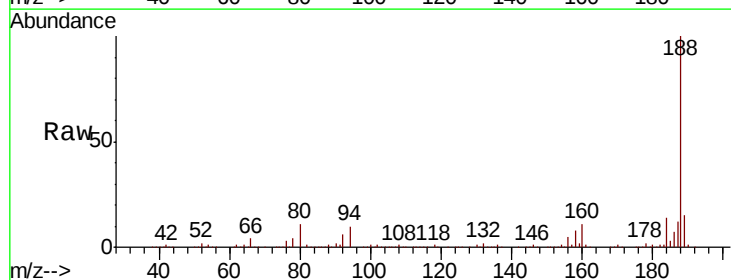
Tgt Ion: 188 Resp: 541814

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

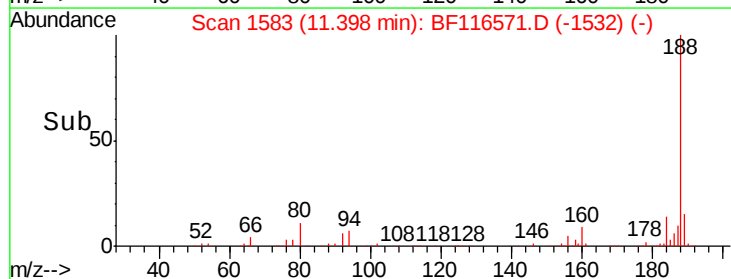
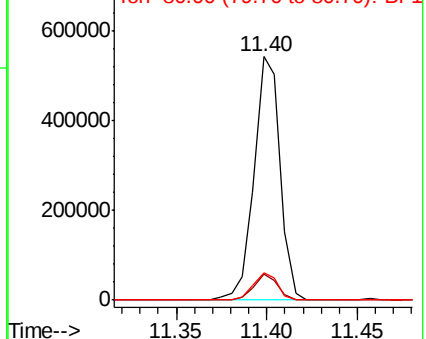
80 11.4 8.6 12.8

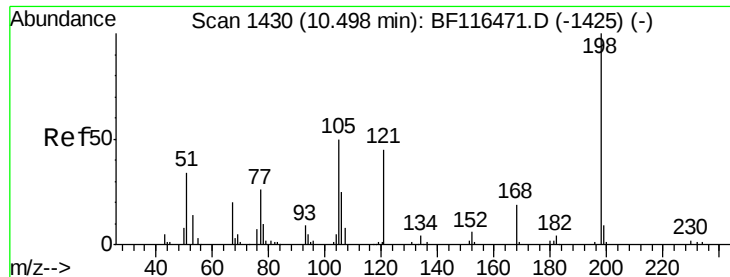


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

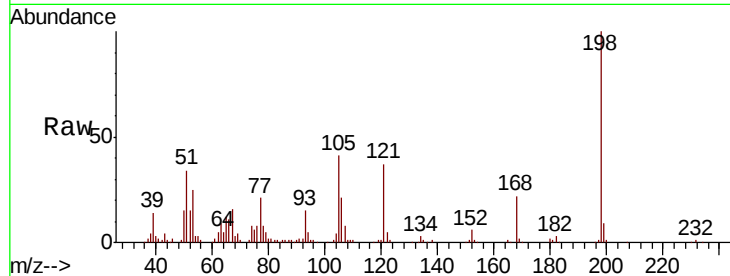




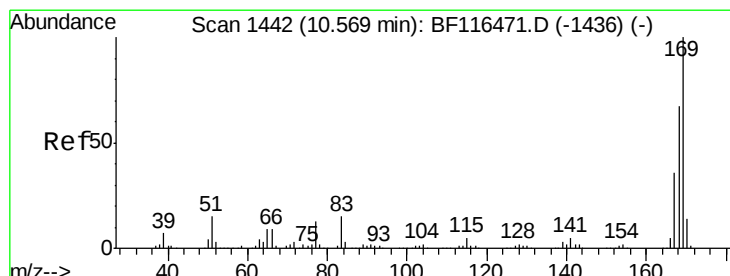
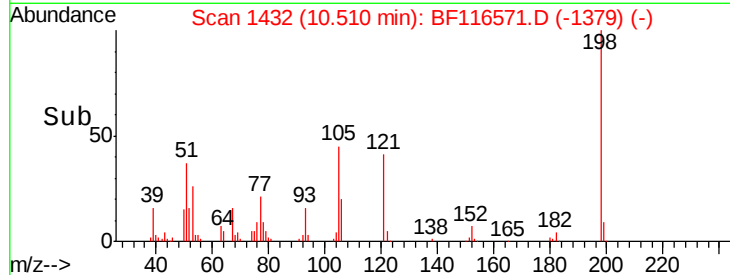
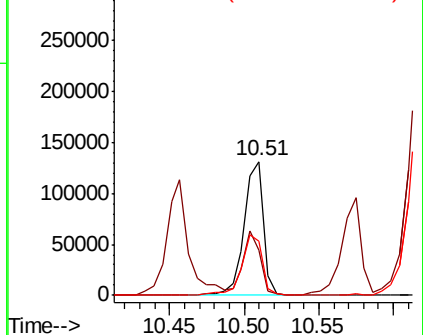
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.538 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion:198 Resp: 118446
 Ion Ratio Lower Upper
 198 100
 51 33.6 30.4 70.4
 105 40.5 32.8 72.8

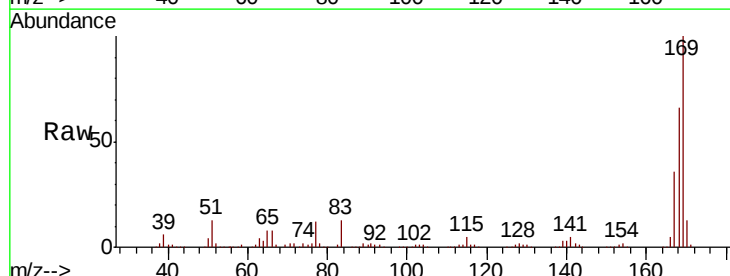


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

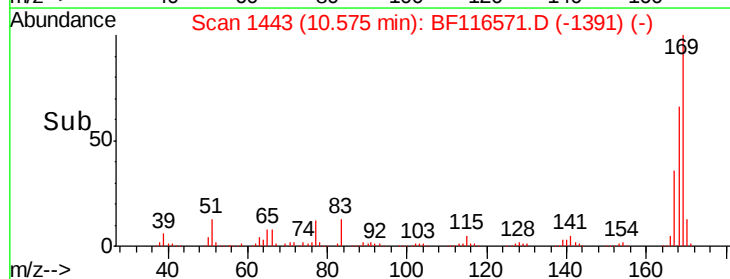
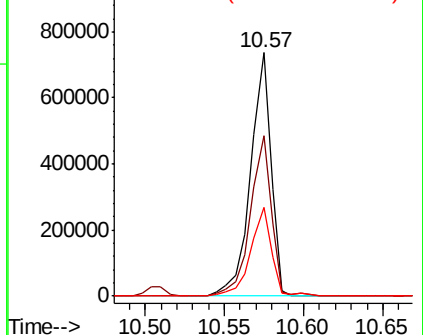


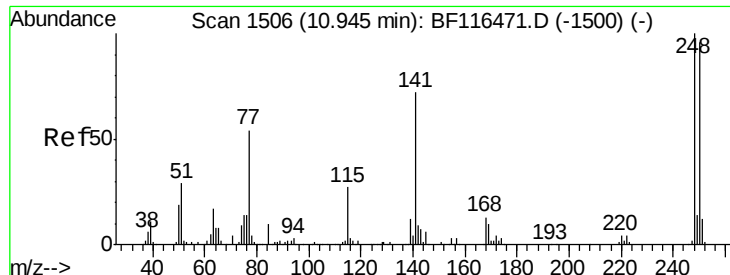
#66
 n-Nitrosodiphenylamine
 Concen: 37.586 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:169 Resp: 659398
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.6 80.4
 167 36.3 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

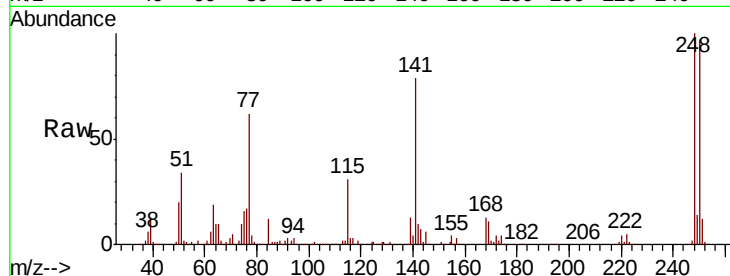




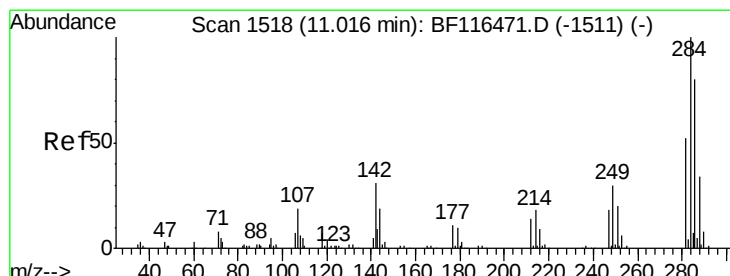
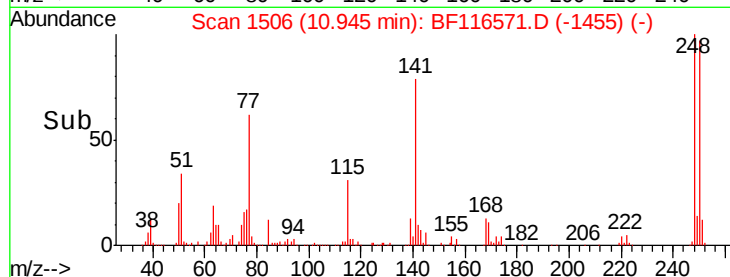
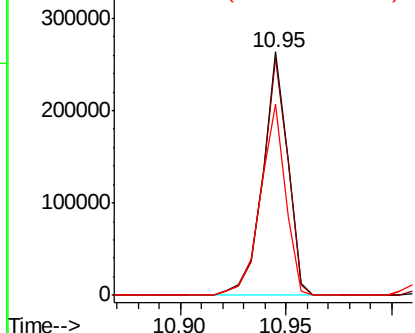
#67
 4-Bromophenyl-phenylether
 Concen: 38.137 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion: 248 Resp: 216628
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.0 115.6
 141 78.5 57.4 86.0

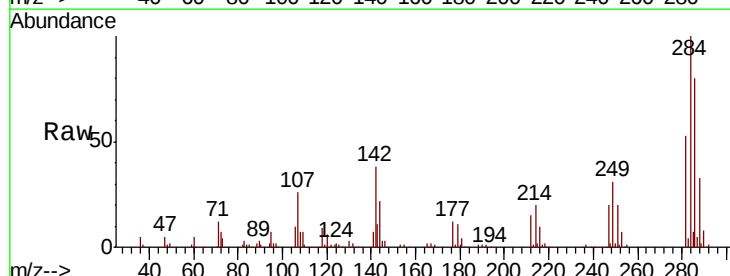


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

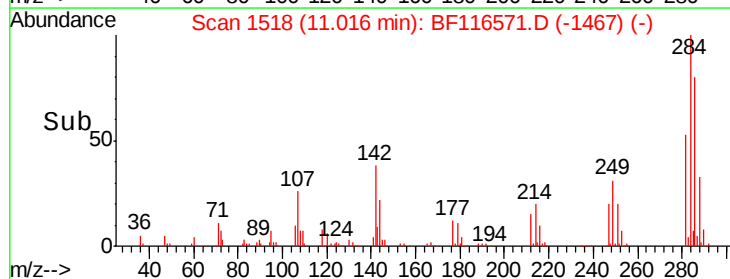
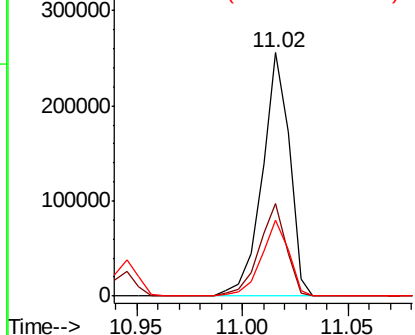


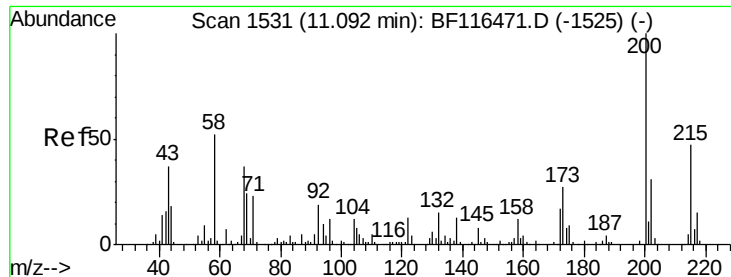
#68
 Hexachlorobenzene
 Concen: 36.543 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion: 284 Resp: 229585
 Ion Ratio Lower Upper
 284 100
 142 38.2 24.6 36.8#
 249 31.2 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

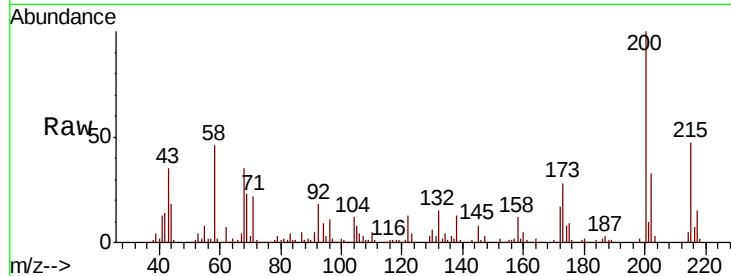




#69
 Atrazine
 Concen: 38.335 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.3	47.3
215	46.7	26.7	66.7

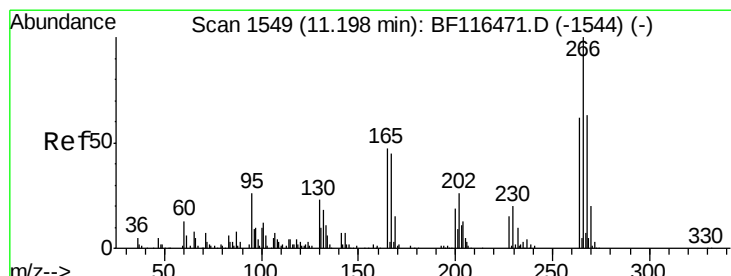
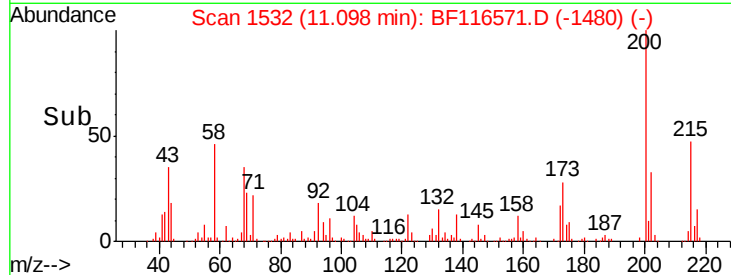
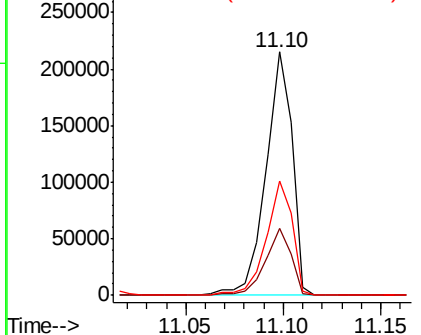


Abundance

Ion 200.00 (199.70 to 200.70): E

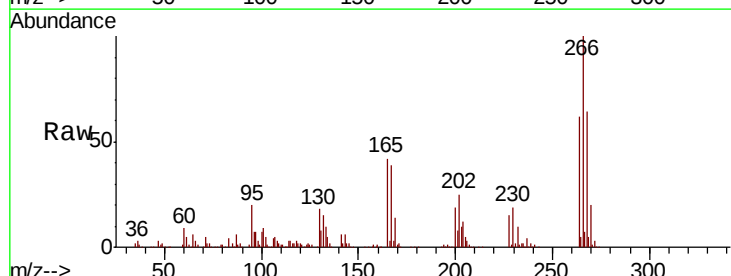
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 76.574 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.7	76.1
264	62.1	50.0	75.0

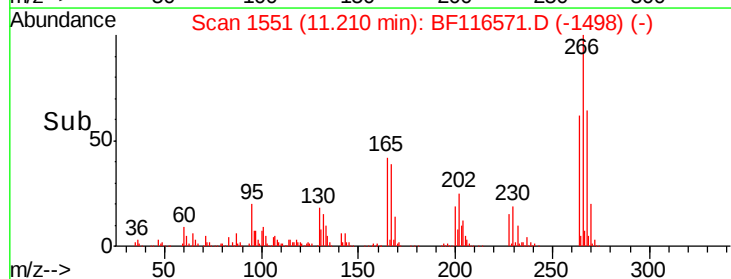
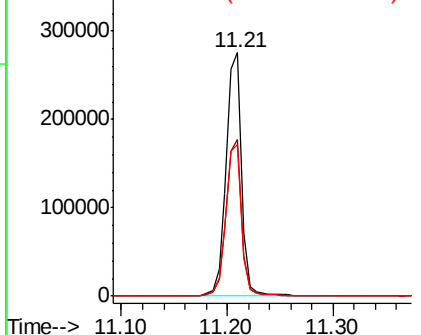


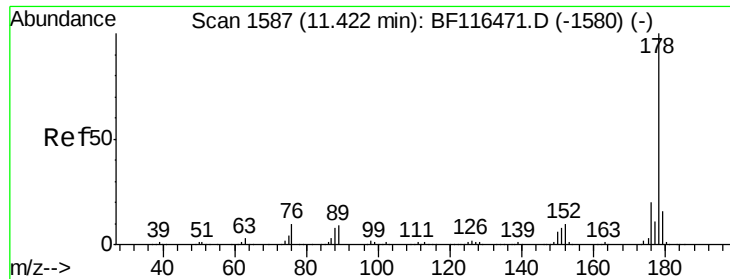
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.443 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

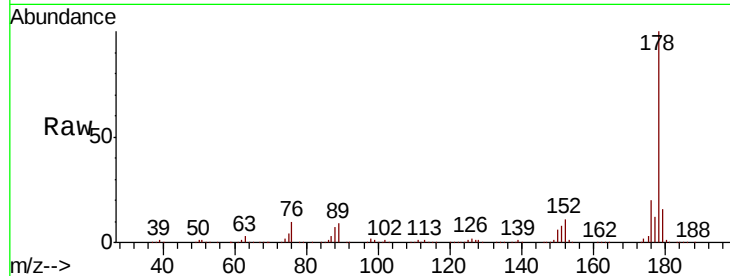
Tgt Ion:178 Resp: 1105172

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

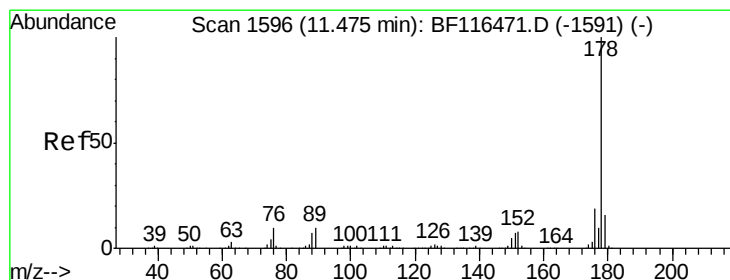
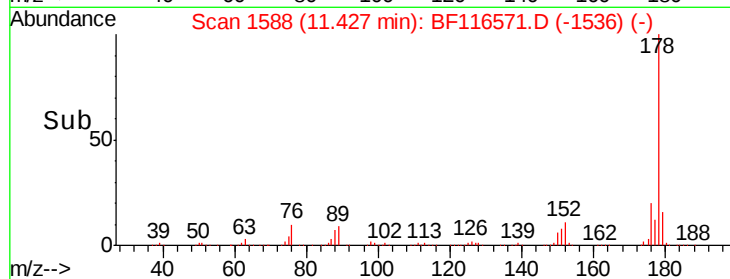
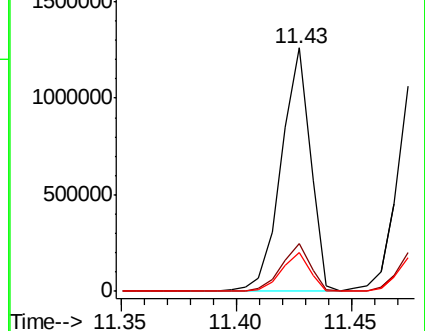
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.172 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

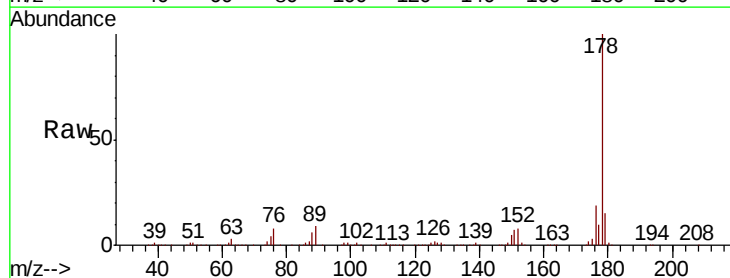
Tgt Ion:178 Resp: 1132147

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

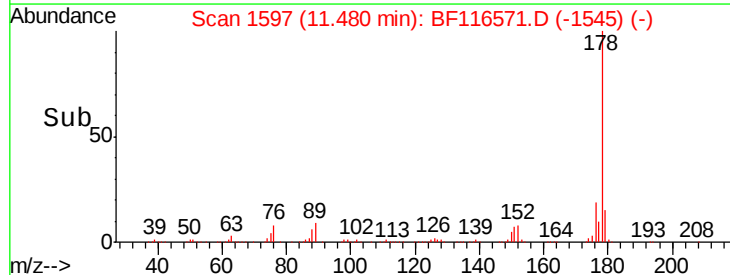
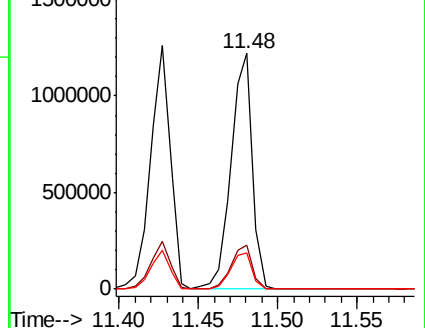
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

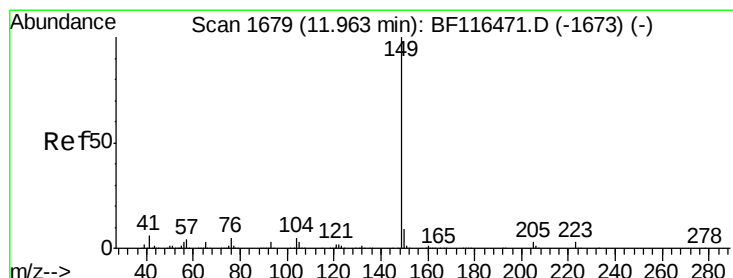
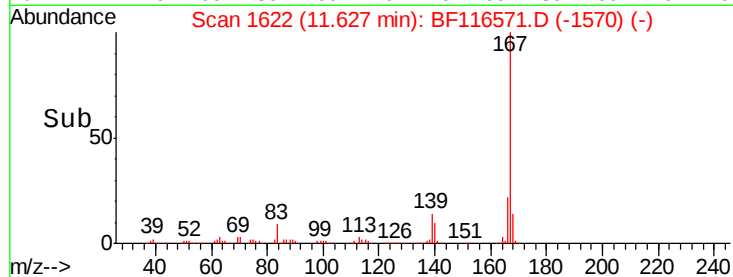
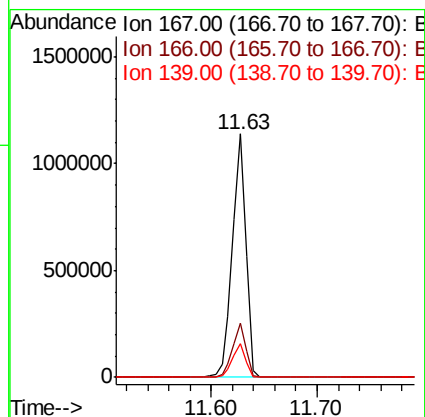
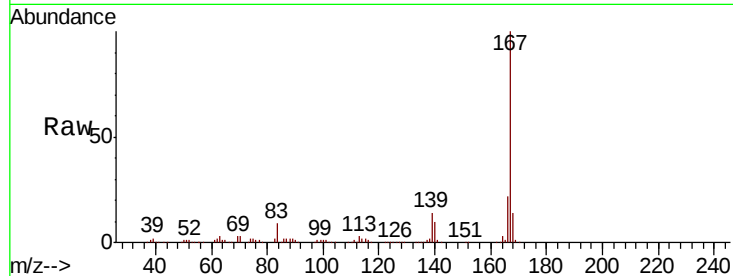




#73
 Carbazole
 Concen: 37.863 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

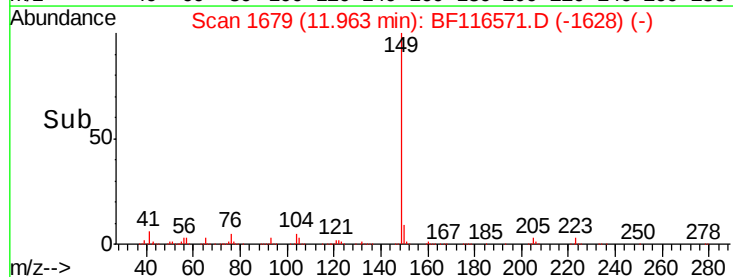
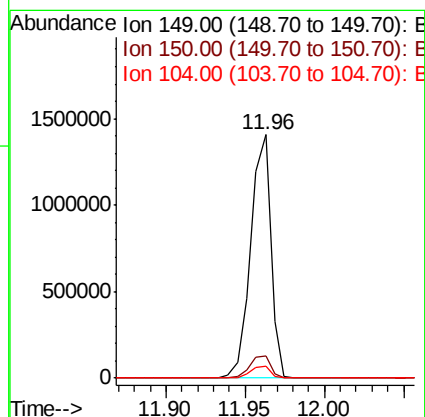
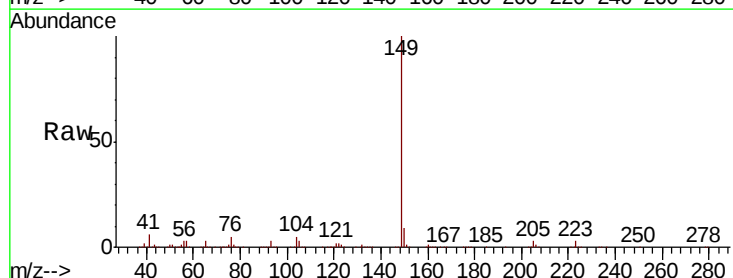
Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

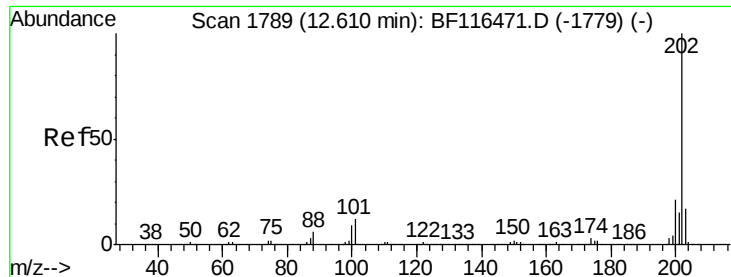
Tgt Ion:167 Resp: 1008023
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.688 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:149 Resp: 1243332
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1

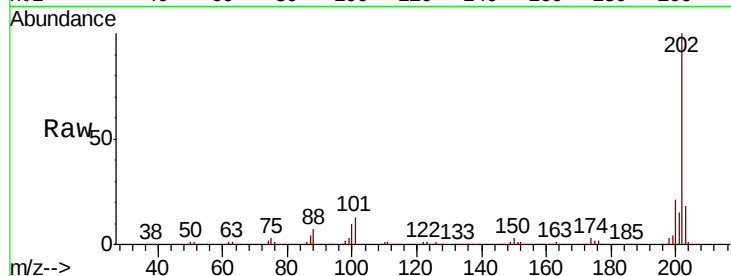




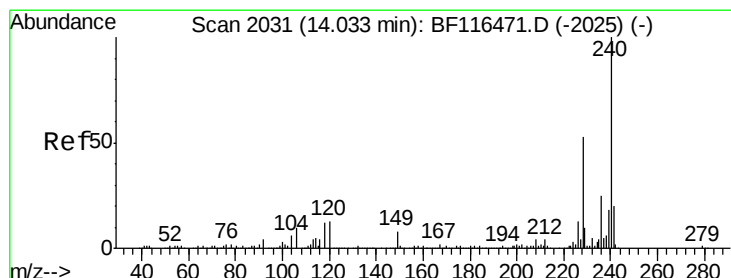
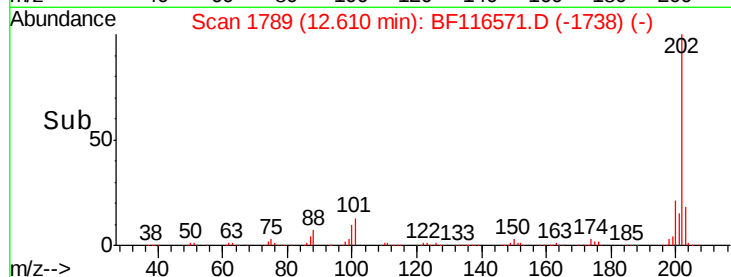
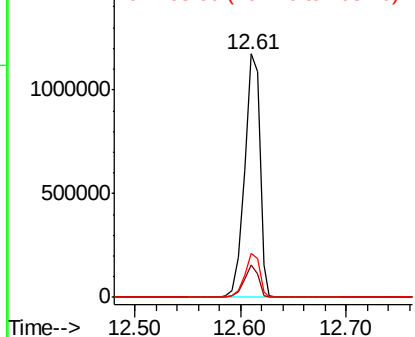
#75
 Fluoranthene
 Concen: 37.934 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tgt Ion: 202 Resp: 1157581
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.5
 203 18.1 0.0 37.5

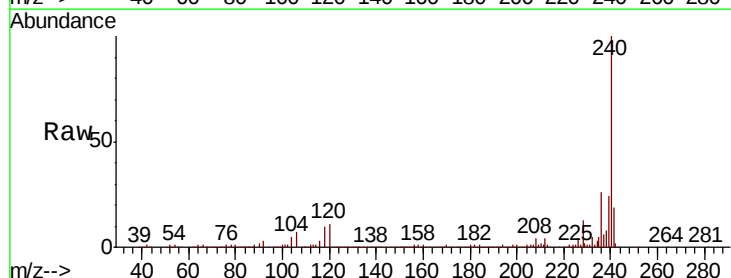


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

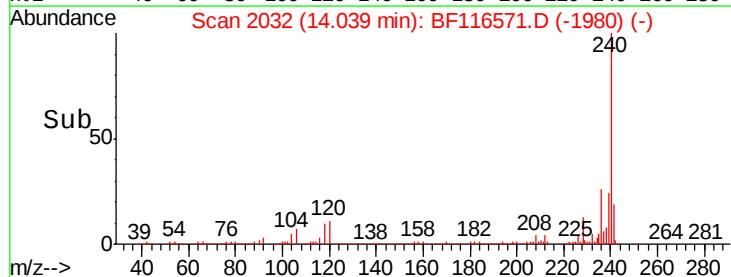
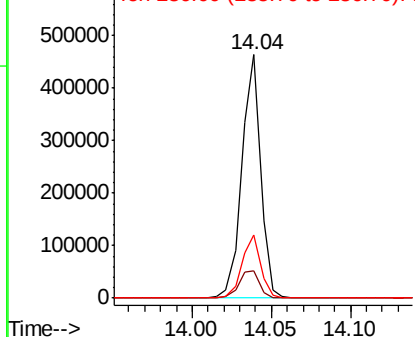


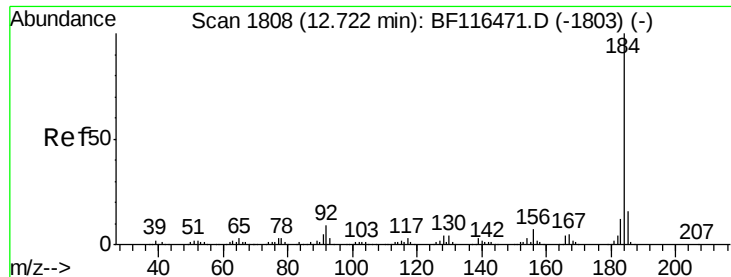
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion: 240 Resp: 379346
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.5 15.7
 236 25.9 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: 28.018 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

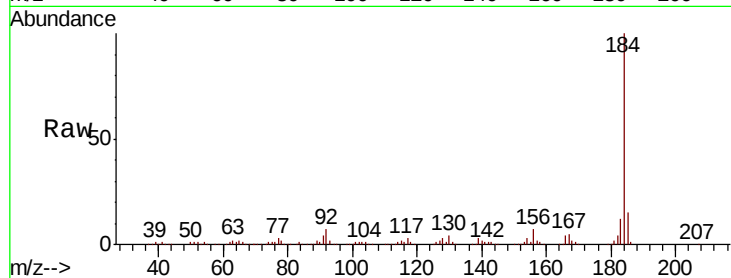
Tgt Ion:184 Resp: 427628

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.4

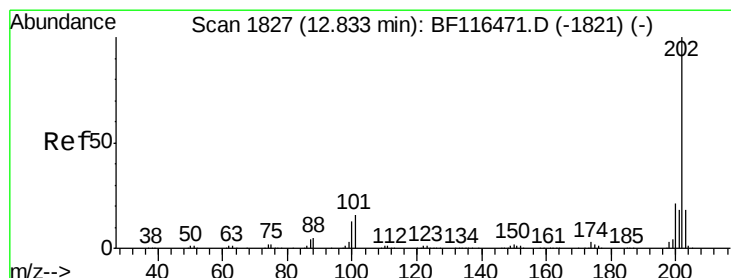
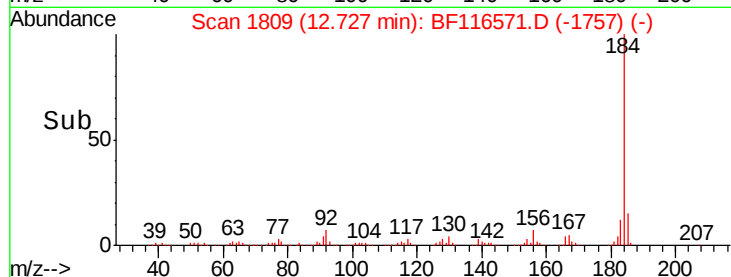
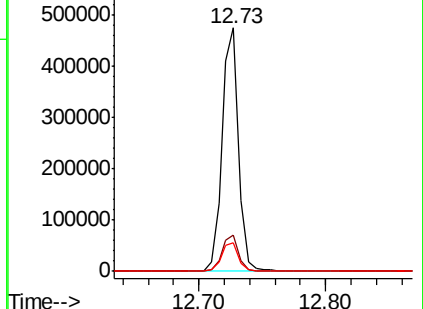
183 11.7 9.8 14.6



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: 38.402 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

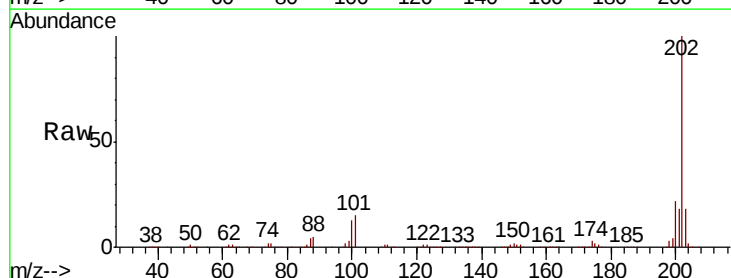
Tgt Ion:202 Resp: 1164977

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

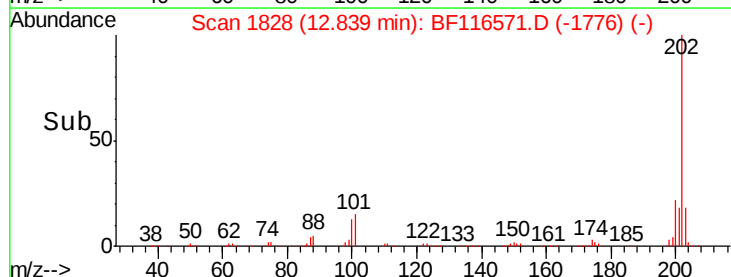
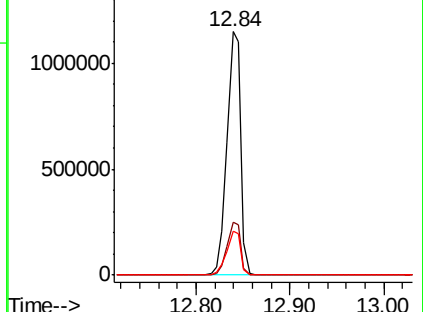
203 17.8 14.2 21.4

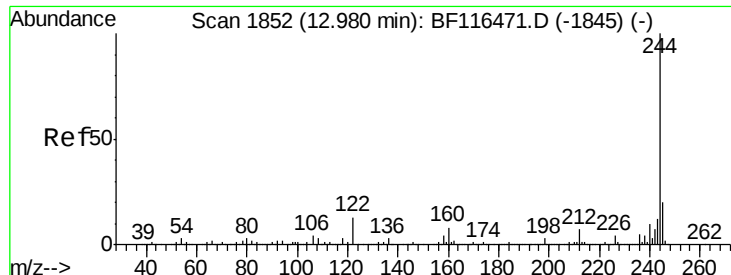


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.045 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

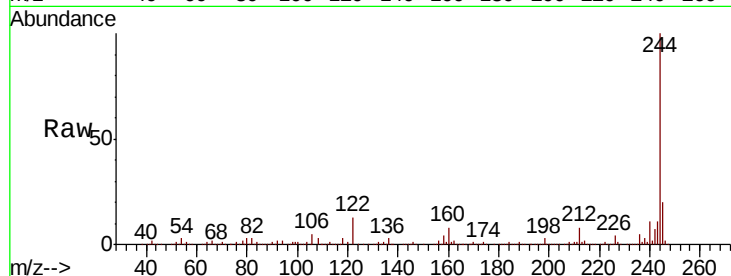
Tgt Ion:244 Resp: 1260060

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

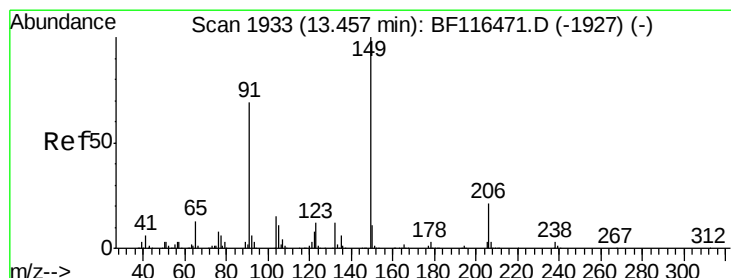
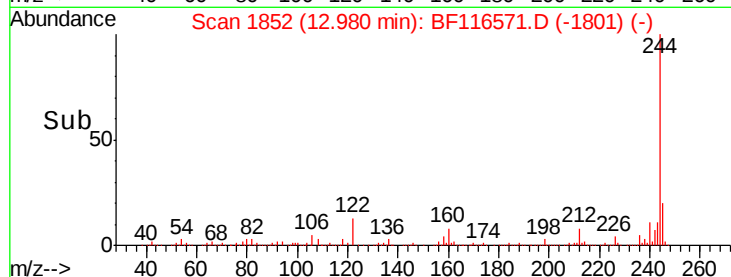
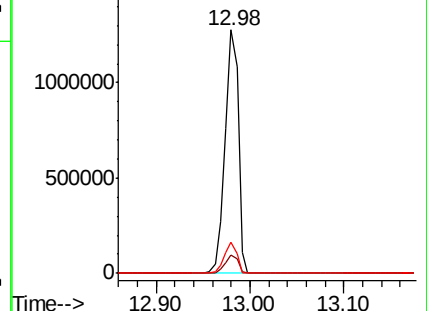
122 12.9 10.2 15.4



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: 40.163 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

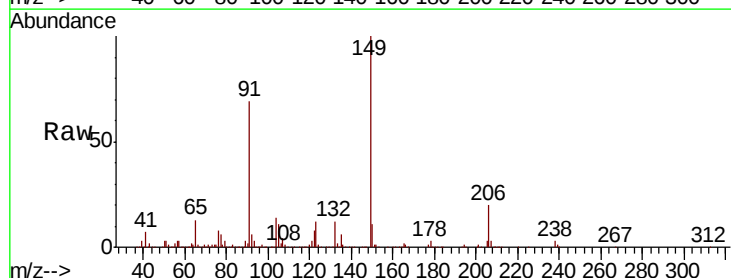
Tgt Ion:149 Resp: 526193

Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

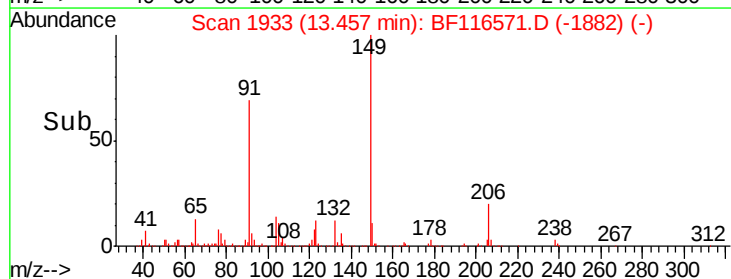
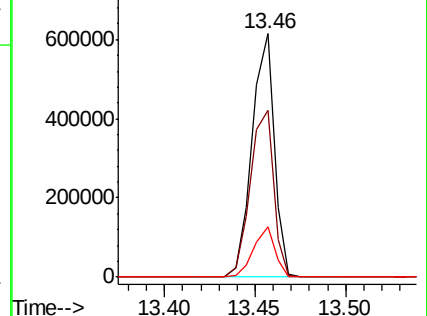
206 20.5 16.6 24.8

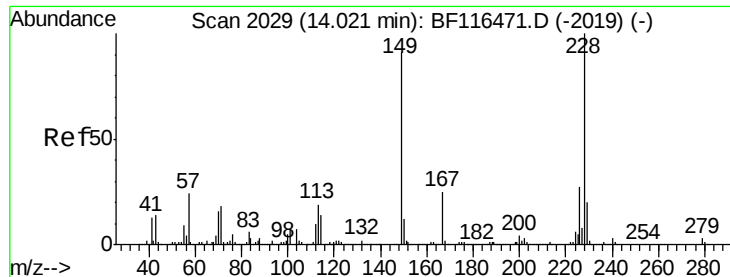


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.681 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

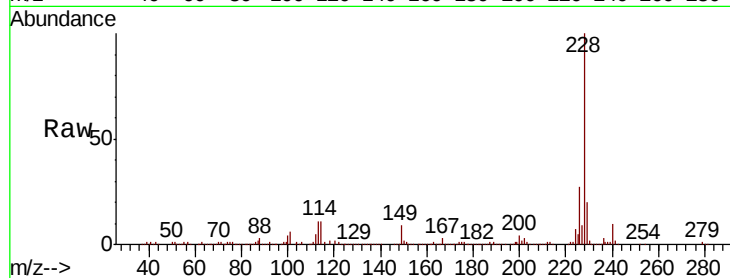
Tgt Ion:228 Resp: 925773

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

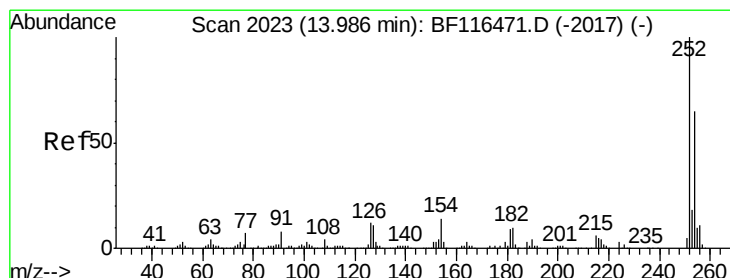
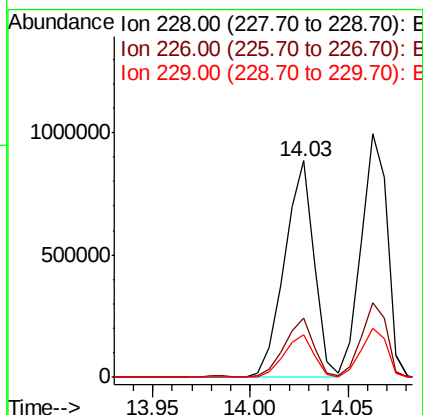
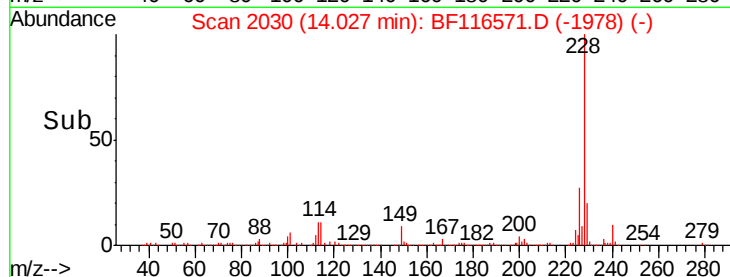
229 19.7 15.9 23.9



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: 32.298 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

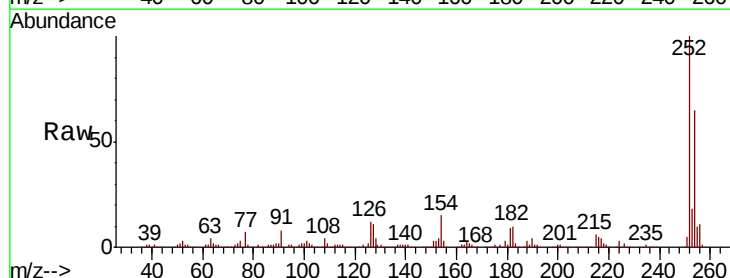
Tgt Ion:252 Resp: 282784

Ion Ratio Lower Upper

252 100

254 65.2 51.9 77.9

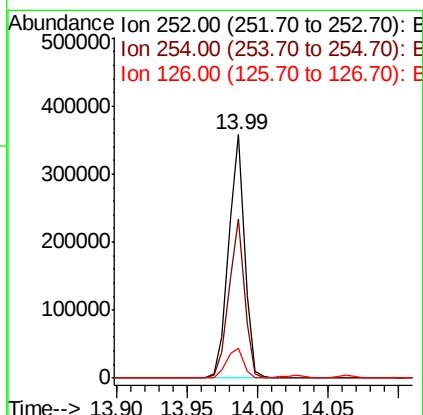
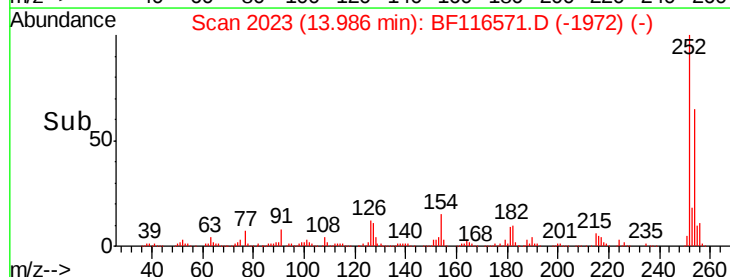
126 12.1 9.4 14.0

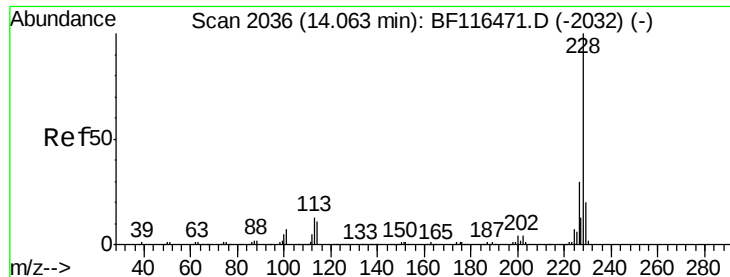


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.009 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

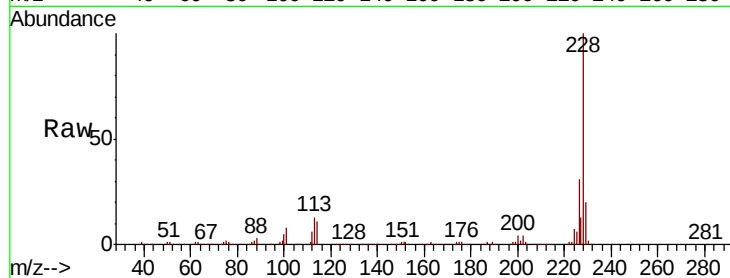
Tgt Ion:228 Resp: 921595

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

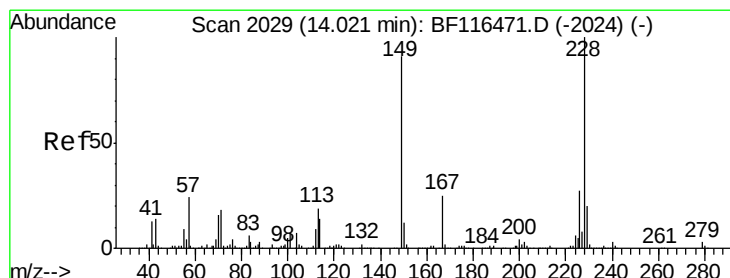
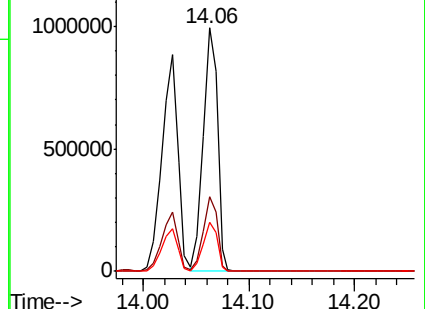
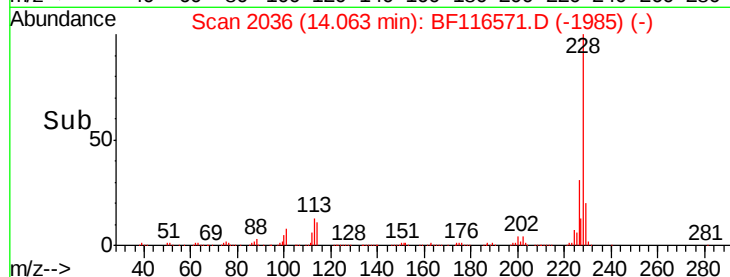
229 20.0 15.8 23.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.206 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

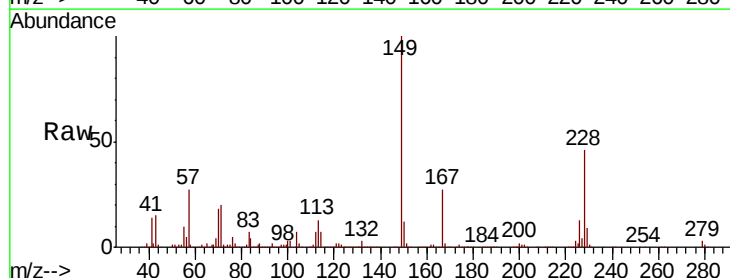
Tgt Ion:149 Resp: 702403

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

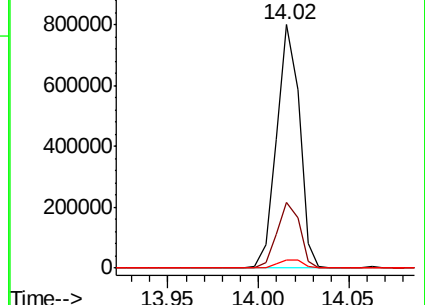
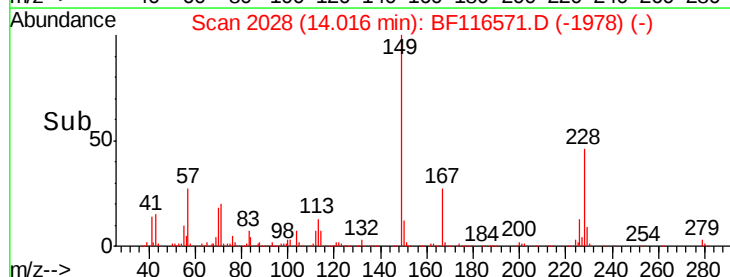
279 3.5 3.0 4.4

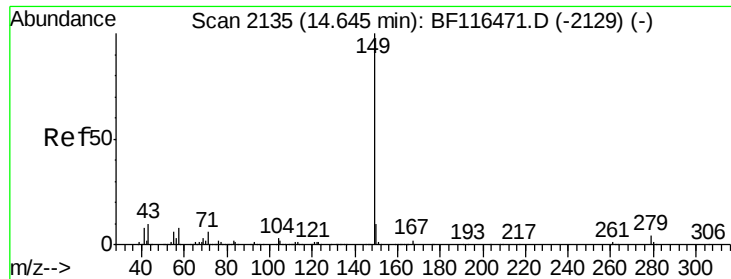


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

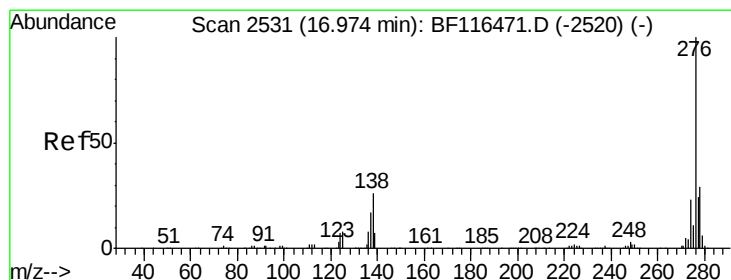
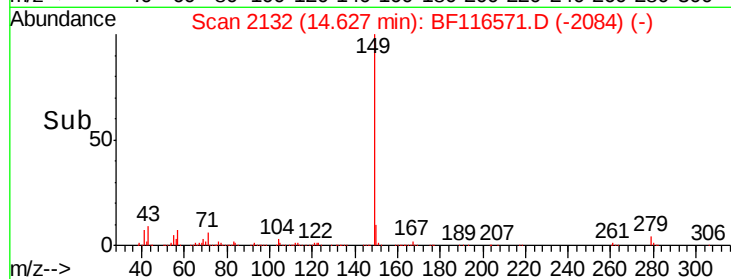
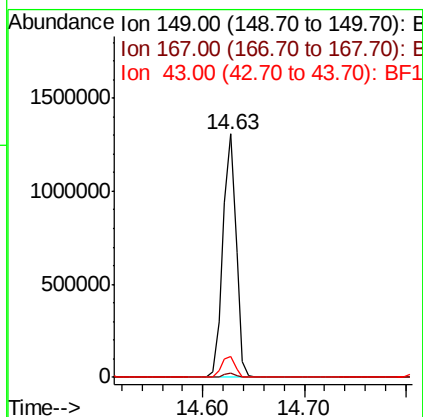
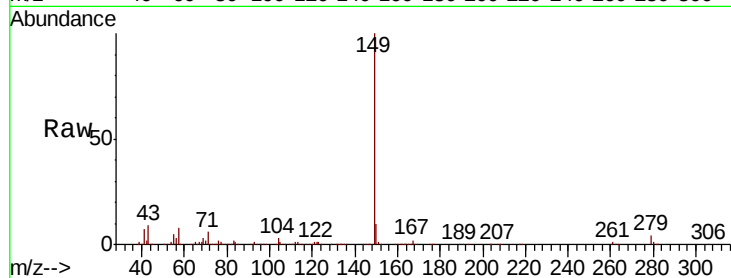




#85
Di-n-octyl phthalate
Concen: 39.939 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

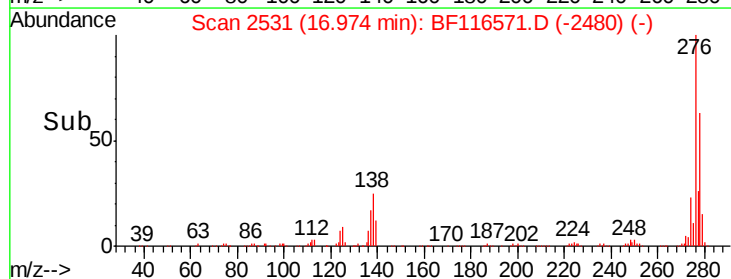
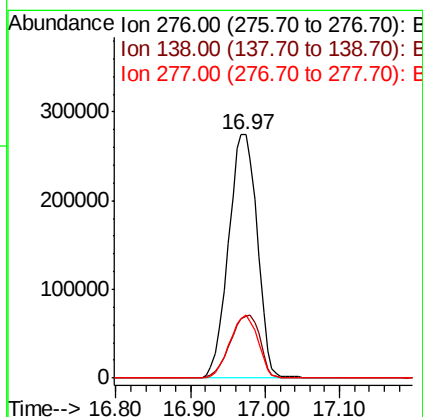
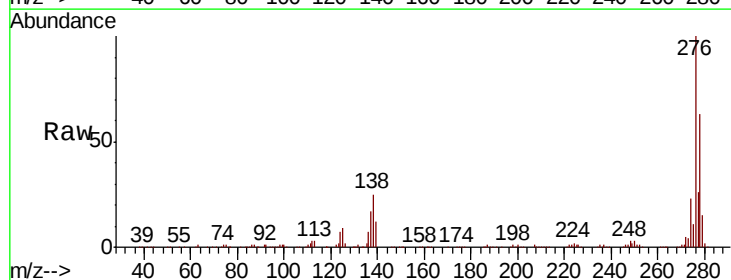
Instrument :
BNA_F
ClientSampleId :
PB122482BS

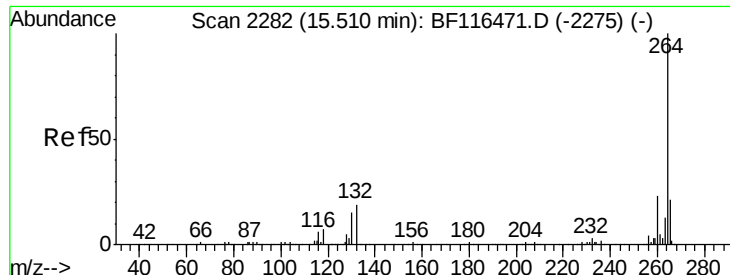
Tgt Ion:149 Resp: 1184551
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.483 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:276 Resp: 735571
Ion Ratio Lower Upper
276 100
138 26.8 22.9 34.3
277 25.3 19.9 29.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

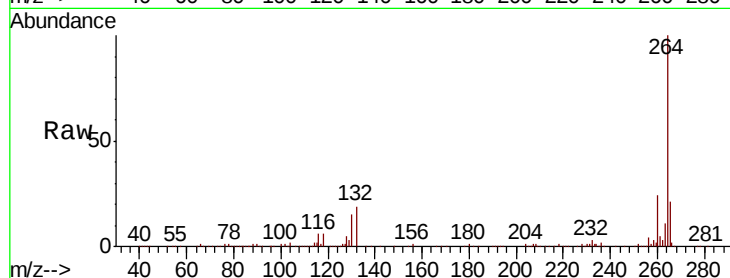
Tgt Ion:264 Resp: 326354

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

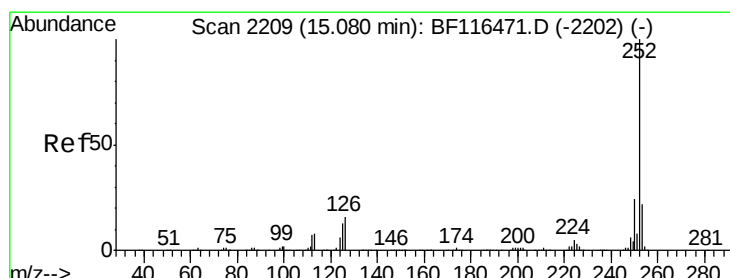
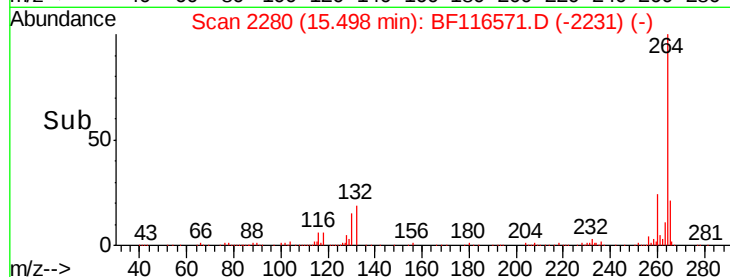
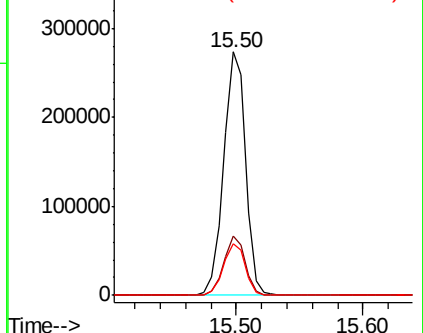
265 21.4 17.1 25.7



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: 41.629 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

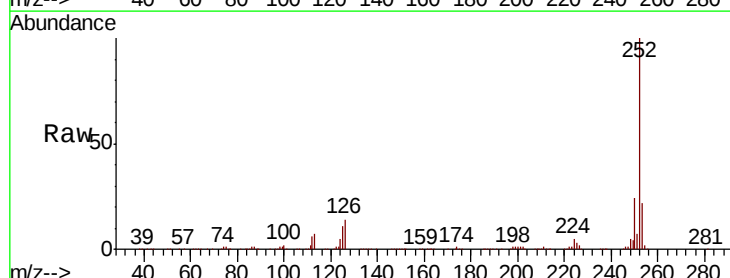
Tgt Ion:252 Resp: 839263

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

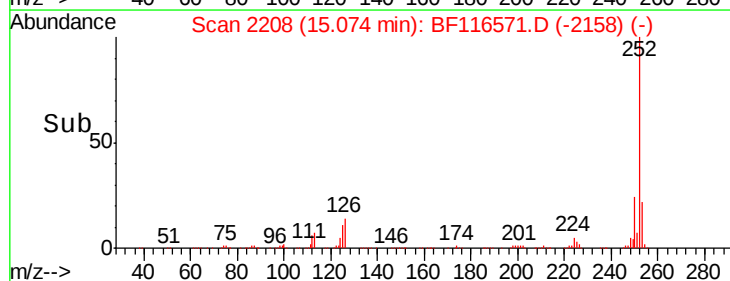
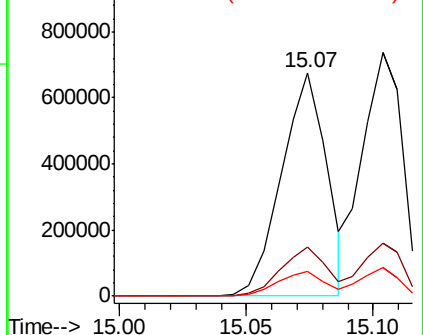
125 11.0 10.1 15.1



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

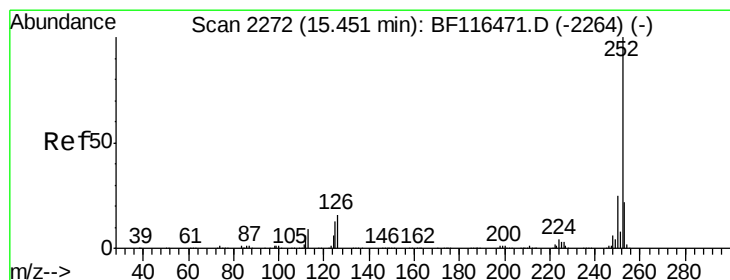
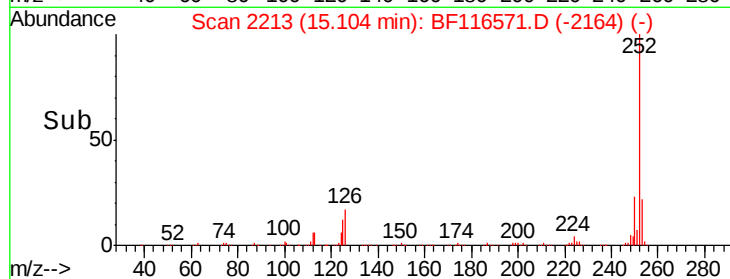
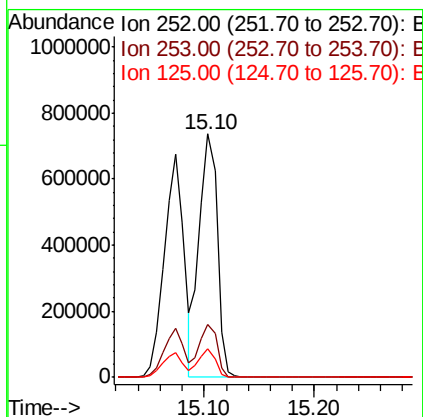
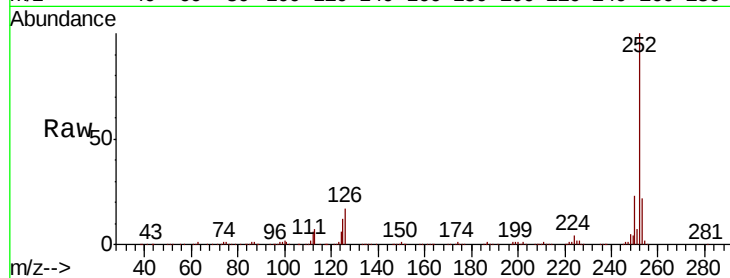




#89
Benzo(k)fluoranthene
Concen: 44.967 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

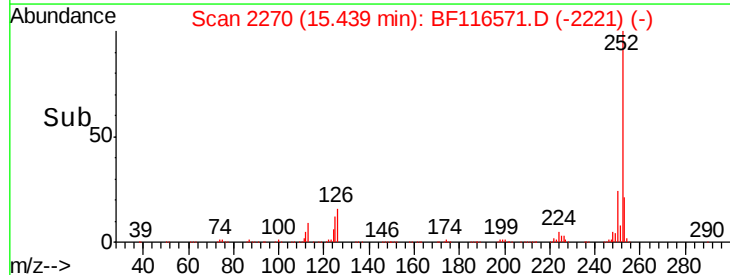
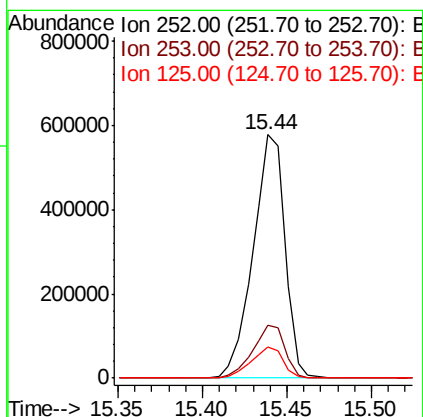
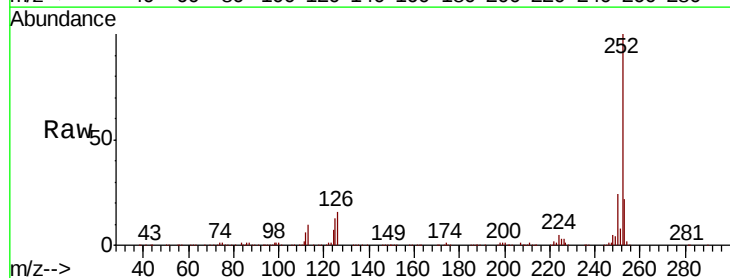
Instrument :
BNA_F
ClientSampleId :
PB122482BS

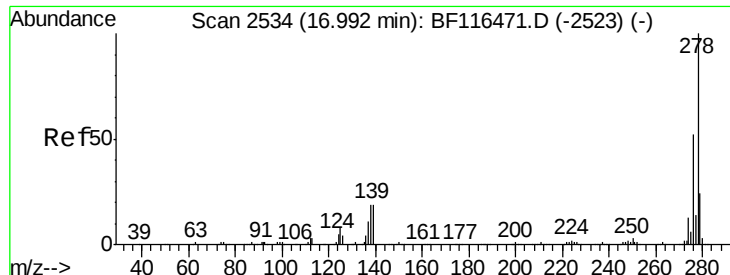
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.8	9.1	13.7



#90
Benzo(a)pyrene
Concen: 42.655 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.8	10.2	15.4





#91

Dibenzo(a,h)anthracene

Concen: 42.108 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

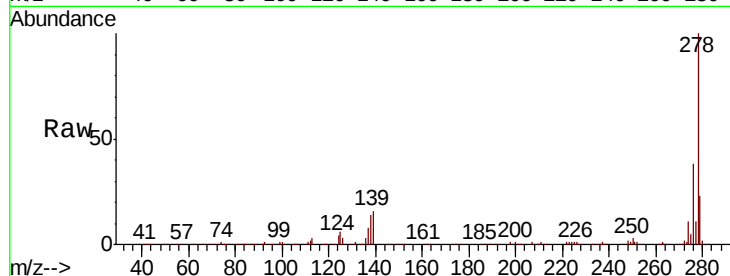
Tgt Ion:278 Resp: 616522

Ion Ratio Lower Upper

278 100

139 15.8 15.3 22.9

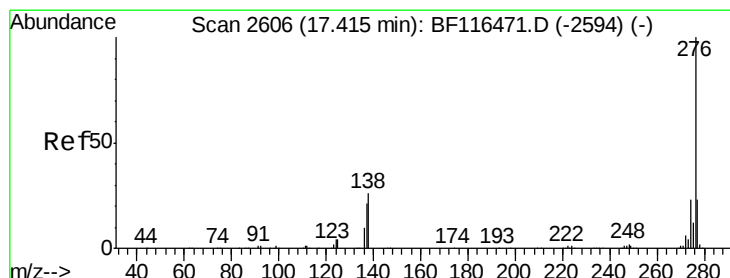
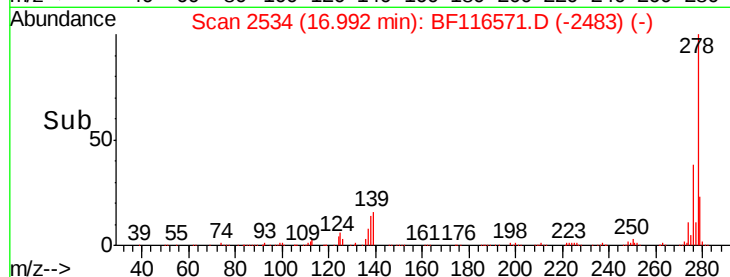
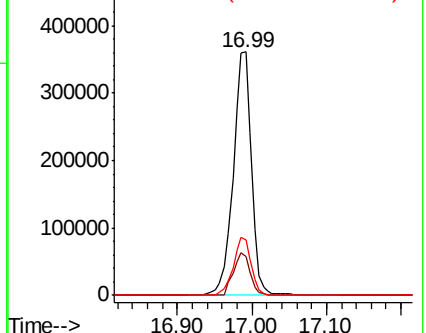
279 22.9 19.0 28.6



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: 42.648 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

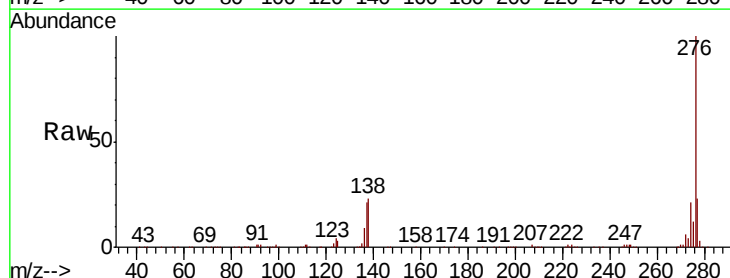
Tgt Ion:276 Resp: 595291

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 23.0 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

