

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116546.D
 Acq On : 26 Aug 2019 00:27
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:31:08 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	6.89	152	119116	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	467880	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	210532	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	288555	20.00	ng	0.00
76) Chrysene-d12	14.03	240	201992	20.00	ng	0.00
87) Perylene-d12	15.50	264	176039	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	520969	63.91	ng	0.00
7) Phenol-d6	6.52	99	653958	65.42	ng	0.01
23) Nitrobenzene-d5	7.45	82	651449	76.17	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	71423	39.51	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1132870	86.66	ng	0.00
79) Terphenyl-d14	12.98	244	862567	79.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	125841	35.652	ng	99
3) Pyridine	3.43	79	337445	31.393	ng	98
4) n-Nitrosodimethylamine	3.38	42	144378	36.794	ng	98
6) Aniline	6.55	93	487854	36.050	ng	98
8) 2-Chlorophenol	6.67	128	275244	32.174	ng	97
9) Benzaldehyde	6.43	77	257678	38.582	ng	98
10) Phenol	6.53	94	366254	33.742	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	311667	37.710	ng	97
12) 1,3-Dichlorobenzene	6.83	146	356697	38.522	ng	97
13) 1,4-Dichlorobenzene	6.90	146	358558	40.234	ng	99
14) 1,2-Dichlorobenzene	7.06	146	332895	39.597	ng	98
15) Benzyl Alcohol	7.02	79	263565	32.582	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	398757	34.895	ng	98
17) 2-Methylphenol	7.13	107	237534	33.512	ng	99
18) Hexachloroethane	7.40	117	91770	26.404	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	232298	34.057	ng	96
20) 3+4-Methylphenols	7.29	107	272599	31.395	ng	# 86
22) Acetophenone	7.29	105	450987	38.547	ng	99
24) Nitrobenzene	7.46	77	324070	36.591	ng	97
25) Isophorone	7.70	82	593420	35.211	ng	97
26) 2-Nitrophenol	7.78	139	39034	12.066	ng	89
27) 2,4-Dimethylphenol	7.82	122	209123	30.981	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	390672	37.537	ng	99
29) 2,4-Dichlorophenol	8.02	162	176744	27.533	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	290790	40.239	ng	99
31) Naphthalene	8.19	128	864384	38.190	ng	100
32) Benzoic acid	7.91	122	9662	2.239	ng	92
33) 4-Chloroaniline	8.23	127	364663	36.700	ng	98
34) Hexachlorobutadiene	8.31	225	164343	41.699	ng	98
35) Caprolactam	8.59	113	56358	25.205	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	177480	24.504	ng	97
37) 2-Methylnaphthalene	8.88	142	559865	36.026	ng	98
38) 1-Methylnaphthalene	8.98	142	524594	36.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	253914	44.827	ng	99

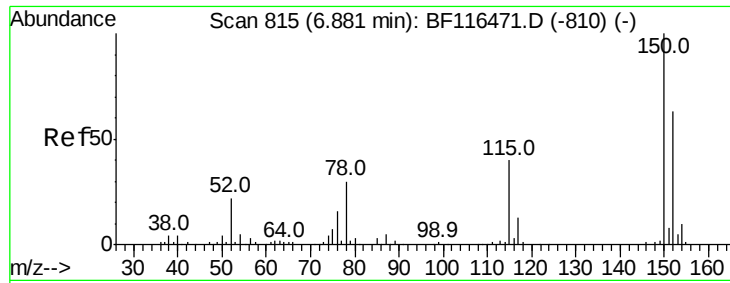
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	16361	5.369	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	97530	24.602	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	91257	22.624	ng	98
46) 1,1'-Biphenyl	9.34	154	703552	41.798	ng	99
47) 2-Chloronaphthalene	9.37	162	521257	39.945	ng	98
48) 2-Nitroaniline	9.45	65	145394	36.389	ng	96
49) Acenaphthylene	9.78	152	720655	37.747	ng	99
50) Dimethylphthalate	9.63	163	620749	42.260	ng	100
51) 2,6-Dinitrotoluene	9.69	165	76347	25.393	ng	97
52) Acenaphthene	9.95	154	451978	36.894	ng	99
53) 3-Nitroaniline	9.86	138	149012	41.578	ng	93
54) 2,4-Dinitrophenol	9.96	184	550	8.839	ng	# 1
55) Dibenzofuran	10.12	168	644629	37.748	ng	98
56) 4-Nitrophenol	10.01	139	20748	7.448	ng	97
57) 2,4-Dinitrotoluene	10.09	165	81781	21.376	ng	# 95
58) Fluorene	10.46	166	470214	35.440	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	57401	17.331	ng	97
60) Diethylphthalate	10.33	149	594400	41.171	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	252682	39.038	ng	98
62) 4-Nitroaniline	10.47	138	127345	36.331	ng	96
63) Azobenzene	10.62	77	523892	35.292	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	1527	8.107	ng	93
66) n-Nitrosodiphenylamine	10.57	169	426219	45.617	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	139296	46.046	ng	94
68) Hexachlorobenzene	11.02	284	144184	43.092	ng	# 92
69) Atrazine	11.09	200	105316	37.621	ng	99
70) Pentachlorophenol	11.20	266	21979	11.259	ng	99
71) Phenanthrene	11.43	178	628078	39.956	ng	99
72) Anthracene	11.47	178	619343	39.210	ng	99
73) Carbazole	11.63	167	532676	37.569	ng	99
74) Di-n-butylphthalate	11.96	149	791436	45.046	ng	99
75) Fluoranthene	12.61	202	596183	36.685	ng	98
77) Benzidine	12.73	184	157279	19.353	ng	99
78) Pyrene	12.84	202	591404	36.611	ng	100
80) Butylbenzylphthalate	13.46	149	284797	40.824	ng	97
81) Benzo(a)anthracene	14.03	228	510193	38.999	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	151059	32.402	ng	97
83) Chrysene	14.06	228	500233	37.726	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	404556	43.490	ng	98
85) Di-n-octyl phthalate	14.63	149	683161	43.258	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	365466	32.175	ng	97
88) Benzo(b)fluoranthene	15.07	252	434860	39.988	ng	98
89) Benzo(k)fluoranthene	15.10	252	420111	42.642	ng	99
90) Benzo(a)pyrene	15.44	252	365084	37.985	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	301569	38.184	ng	97
92) Benzo(g,h,i)perylene	17.41	276	288680	38.341	ng	98

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

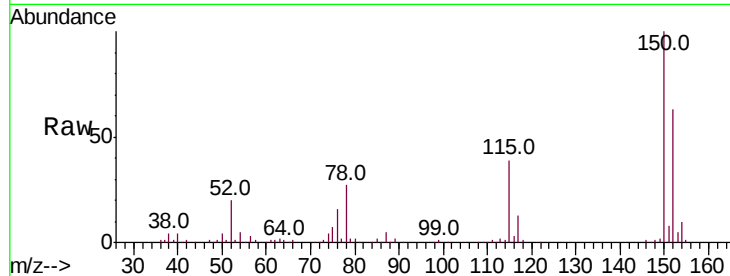


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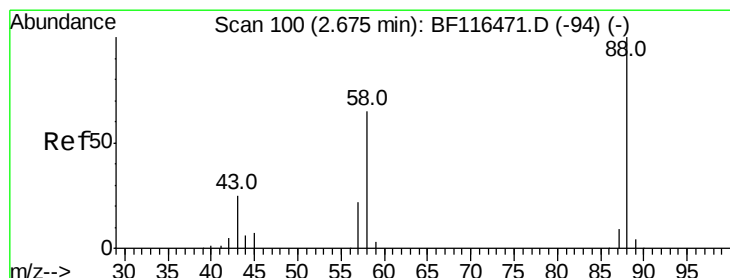
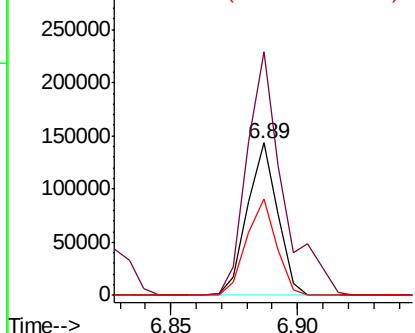
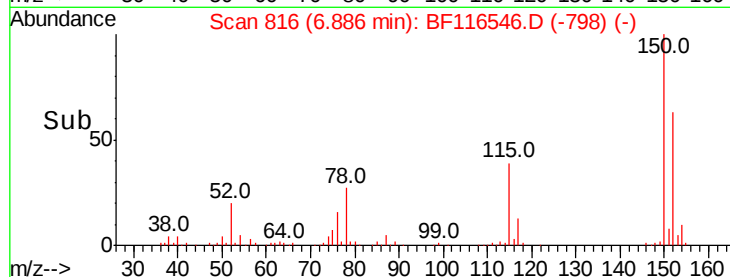
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119116
Ion Ratio Lower Upper
152 100
150 159.6 126.7 190.1
115 63.0 50.9 76.3



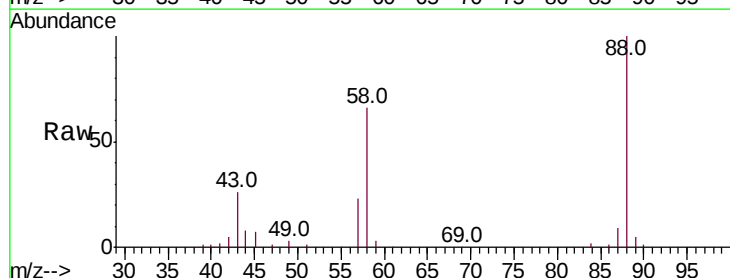
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



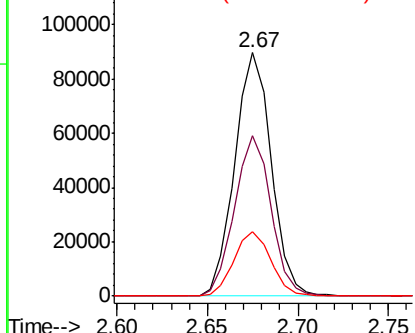
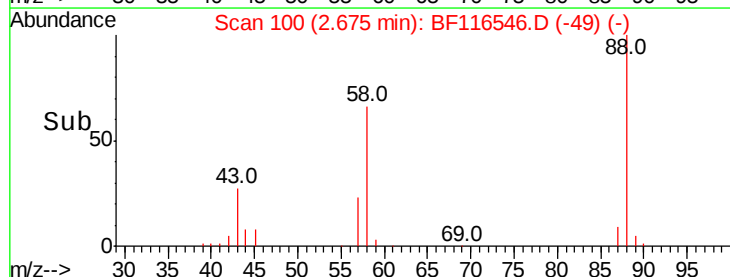
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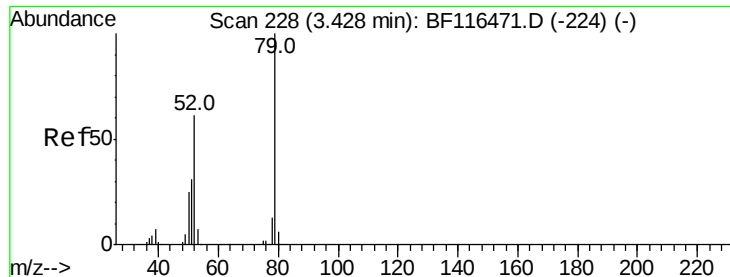
1,4-Dioxane
Concen: 35.652 ng
RT: 2.67 min Scan# 100
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion: 88 Resp: 125841
Ion Ratio Lower Upper
88 100
58 65.5 53.4 80.0
43 26.9 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

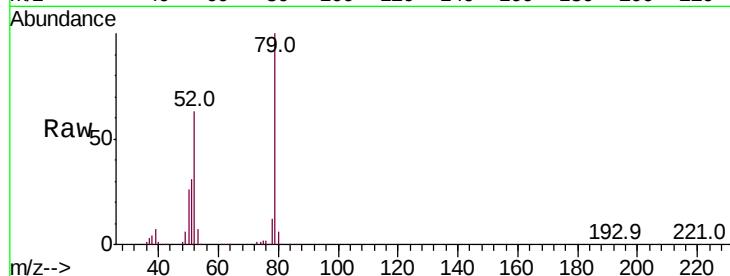




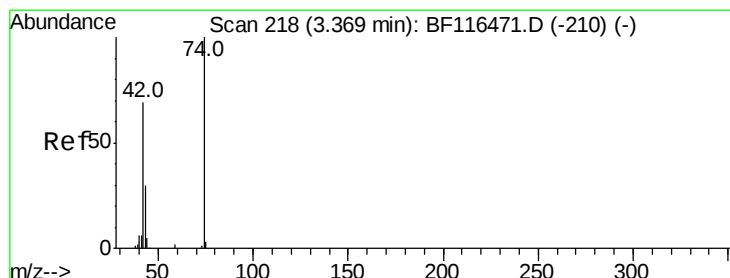
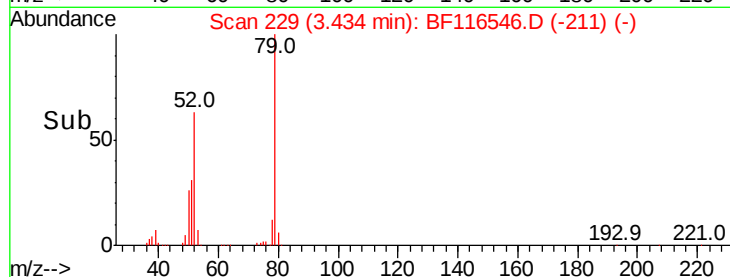
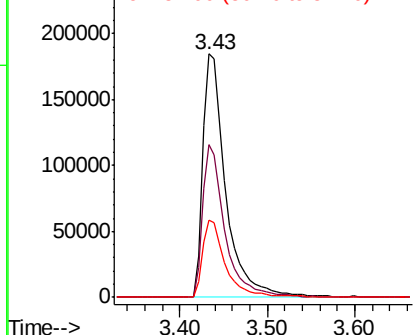
#3
 Pvridine
 Concen: 31.393 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 337445
 Ion Ratio Lower Upper
 79 100
 52 62.7 48.8 73.2
 51 31.5 25.2 37.8

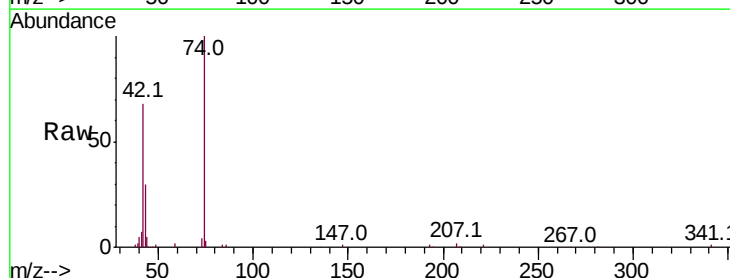


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

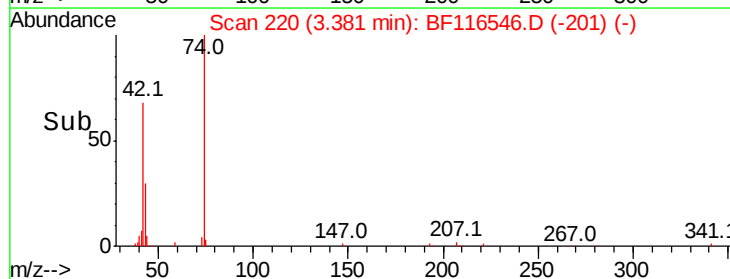
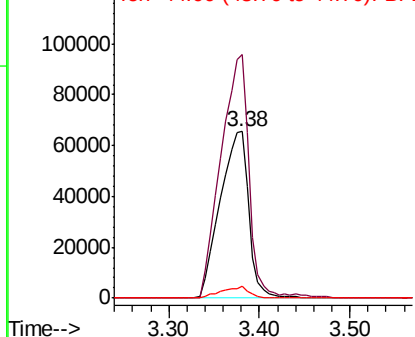


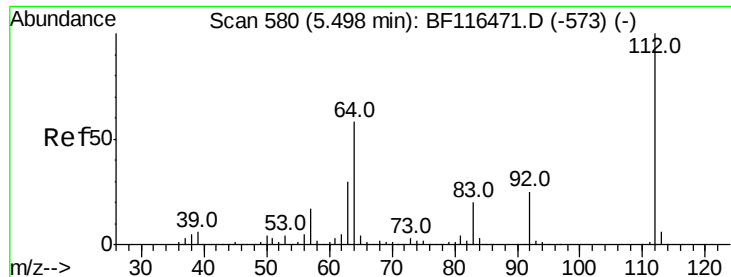
#4
 n-Nitrosodimethylamine
 Concen: 36.794 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion: 42 Resp: 144378
 Ion Ratio Lower Upper
 42 100
 74 146.0 115.3 172.9
 44 7.0 5.8 8.8



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





#5

2-Fluorophenol

Concen: 63.905 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampled :

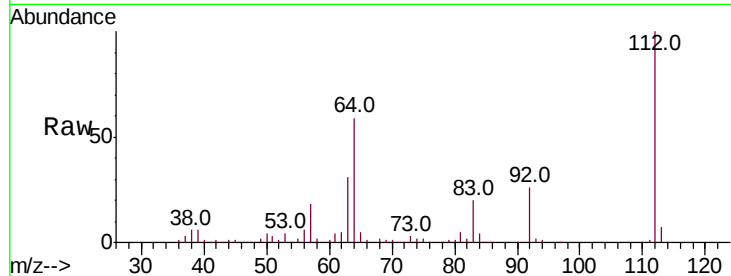
Tot Ion: 112 Resp: 520969

Ion Ratio Lower Upper

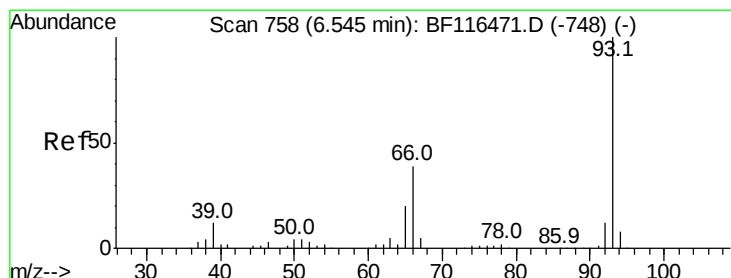
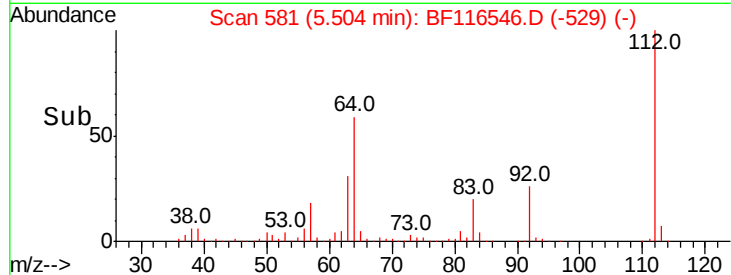
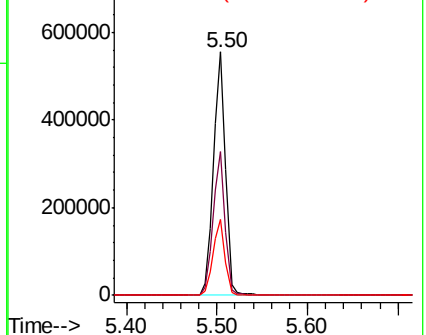
112 100

64 59.2 46.3 69.5

63 31.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.050 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

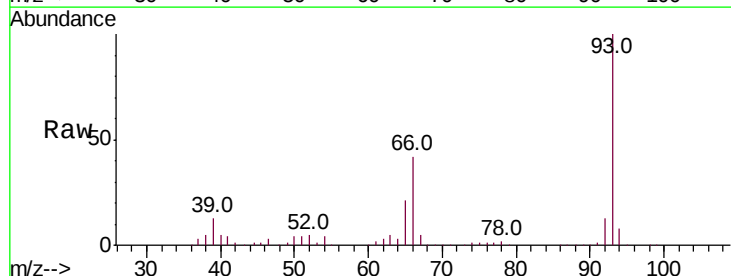
Tgt Ion: 93 Resp: 487854

Ion Ratio Lower Upper

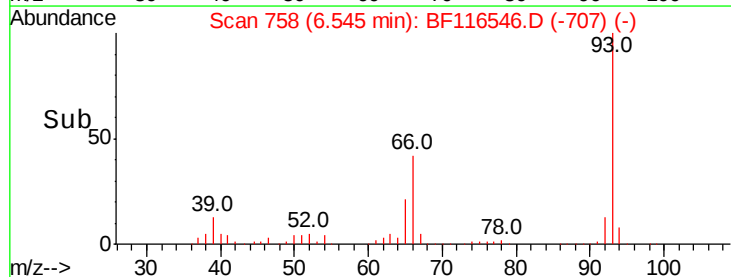
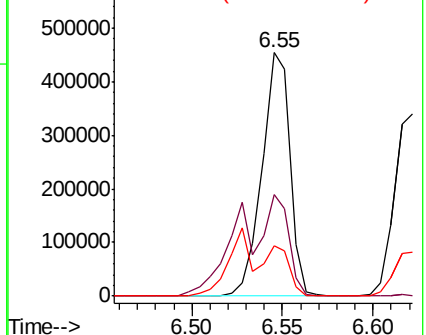
93 100

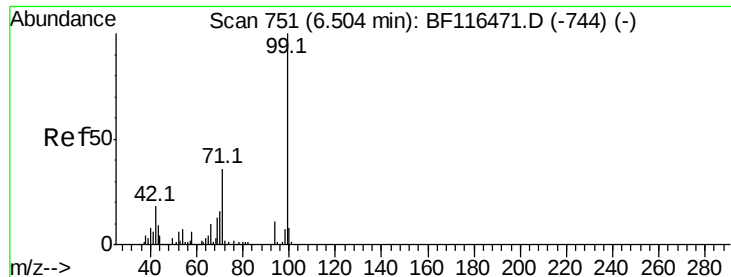
66 41.5 32.2 48.2

65 20.8 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 65.423 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

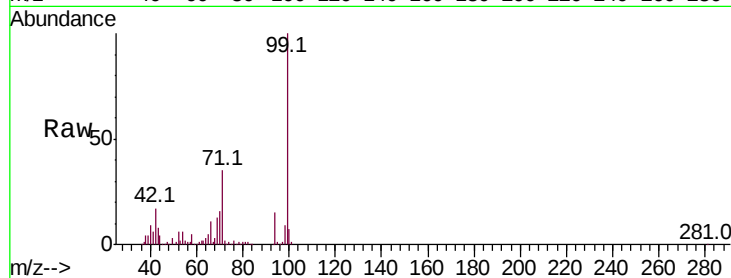
Tot Ion: 99 Resp: 653958

Ion Ratio Lower Upper

99 100

42 16.7 14.6 21.8

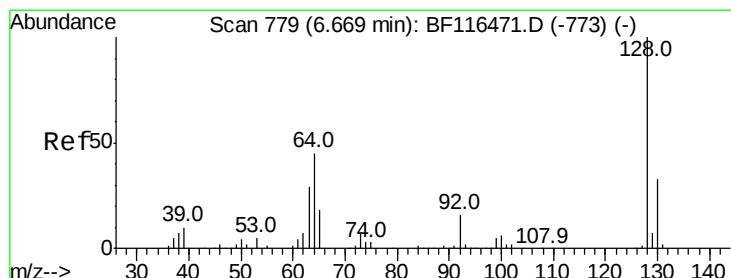
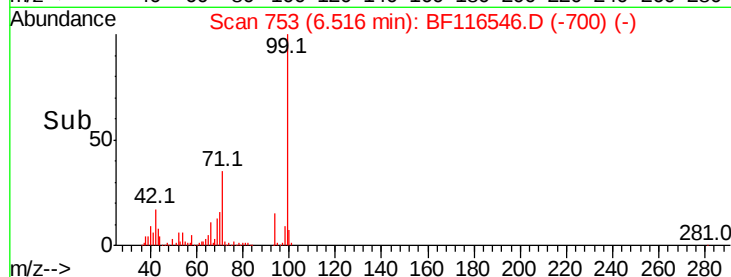
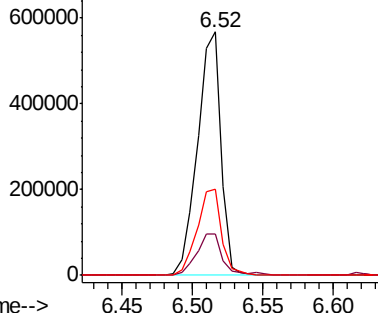
71 35.2 28.5 42.7



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: 32.174 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

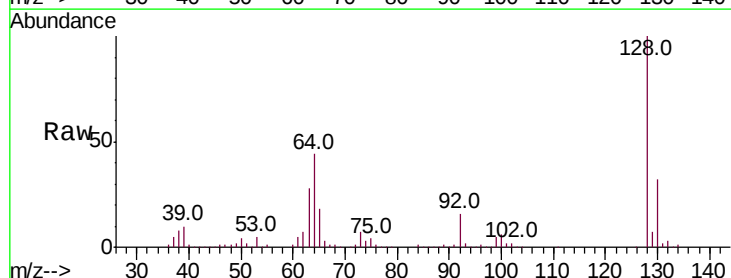
Tgt Ion: 128 Resp: 275244

Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

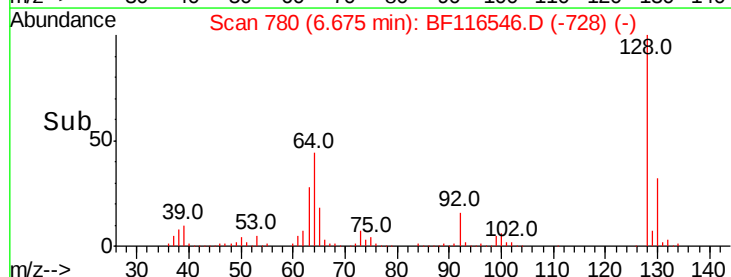
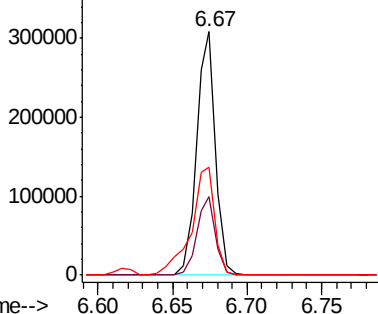
64 44.1 26.3 66.3

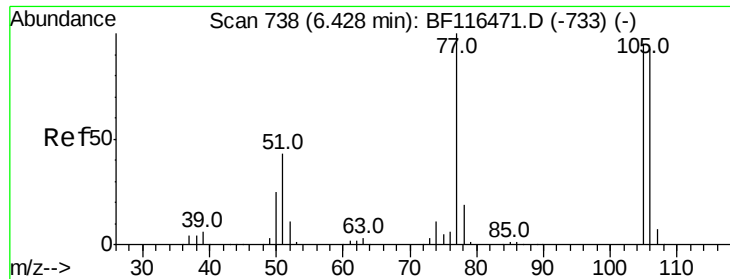


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.582 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

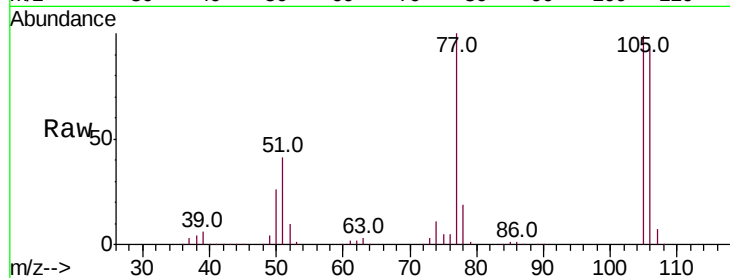
Tot Ion: 77 Resp: 257678

Ion Ratio Lower Upper

77 100

105 98.8 75.5 115.5

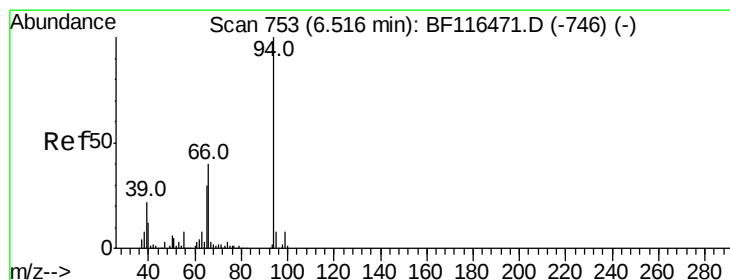
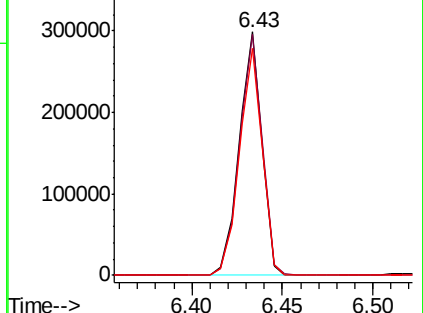
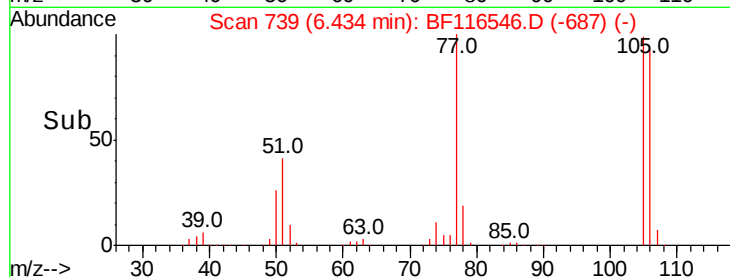
106 93.4 73.2 113.2



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: 33.742 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

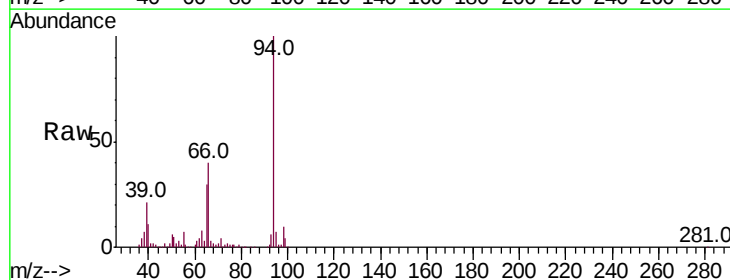
Tgt Ion: 94 Resp: 366254

Ion Ratio Lower Upper

94 100

65 29.5 10.0 50.0

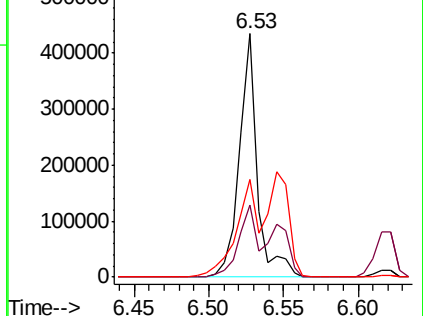
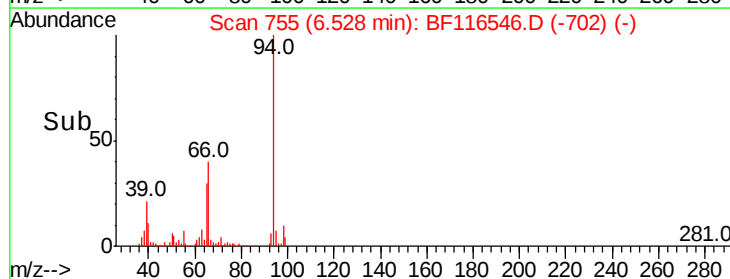
66 40.4 19.8 59.8

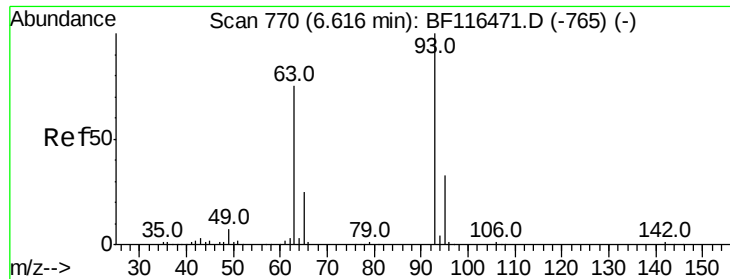


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

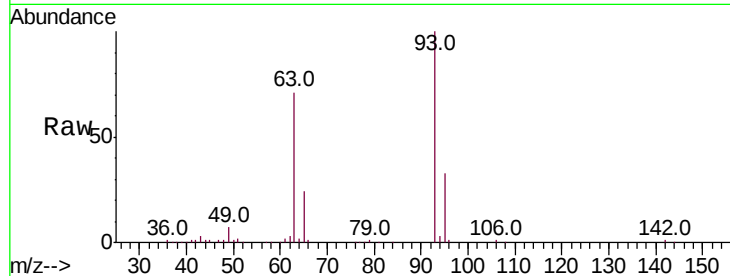




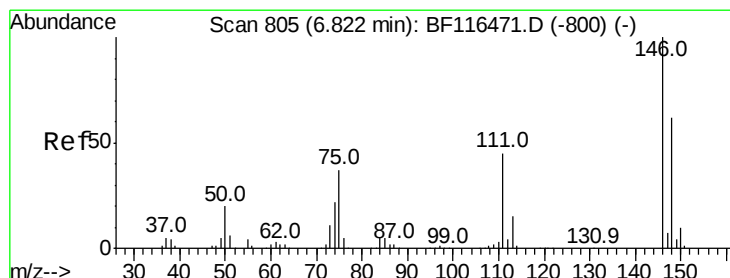
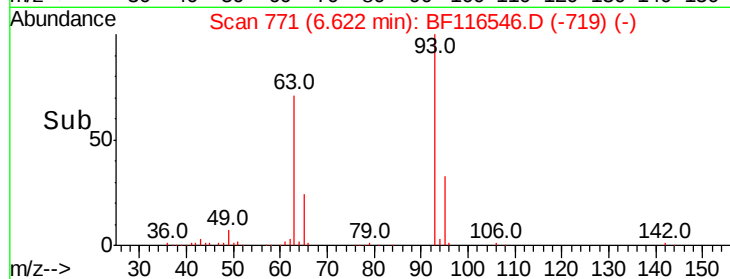
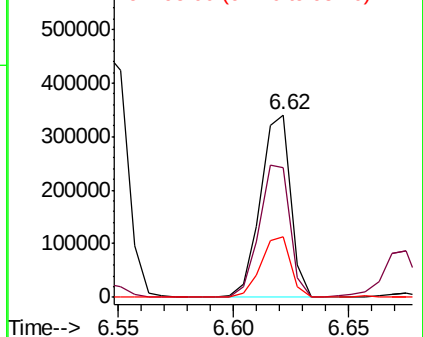
#11
bis(2-Chloroethyl)ether
Concen: 37.710 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	54.3	94.3
95	32.9	13.3	53.3

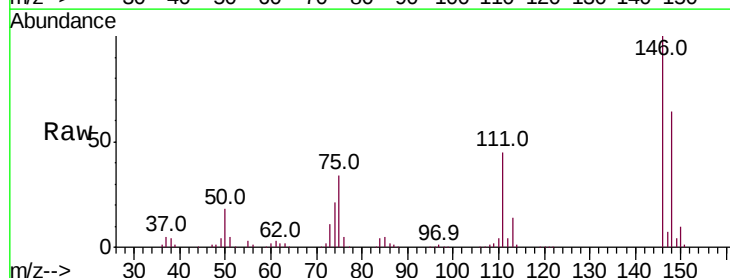


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

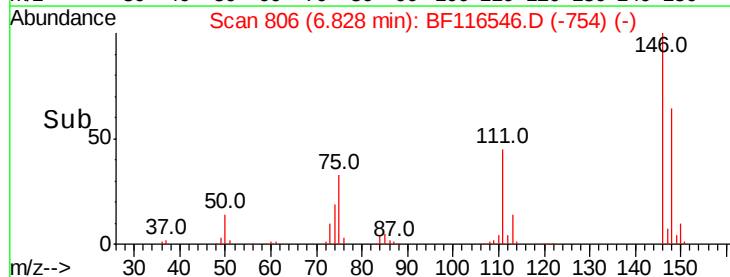
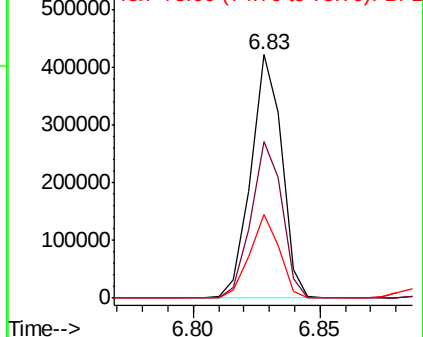


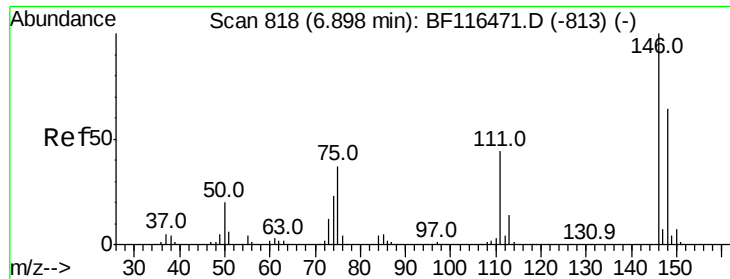
#12
1,3-Dichlorobenzene
Concen: 38.522 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.8
75	34.2	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

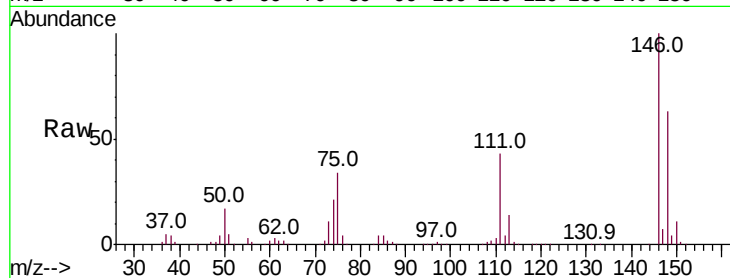




#13
 1,4-Dichlorobenzene
 Concen: 40.234 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	43.0	35.4	53.2

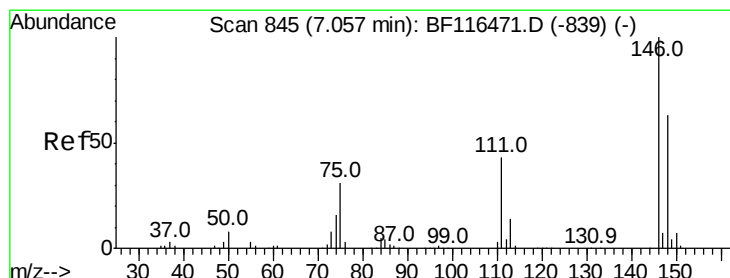
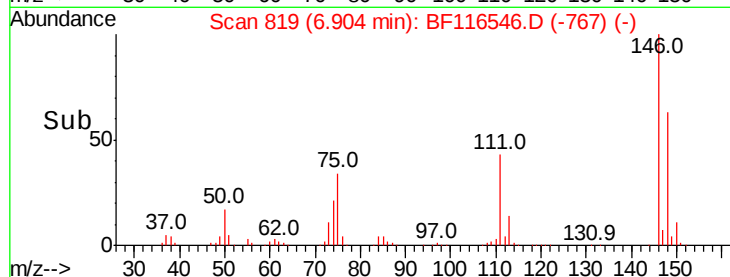
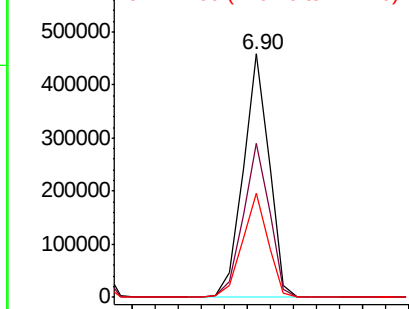


Abundance

Ion 146.00 (145.70 to 146.70): E

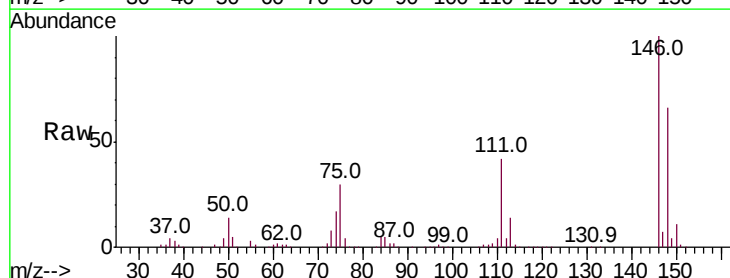
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.597 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	42.5	34.5	51.7

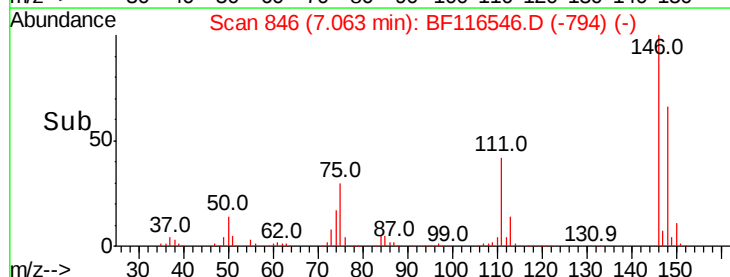
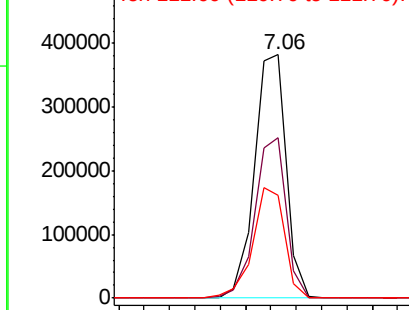


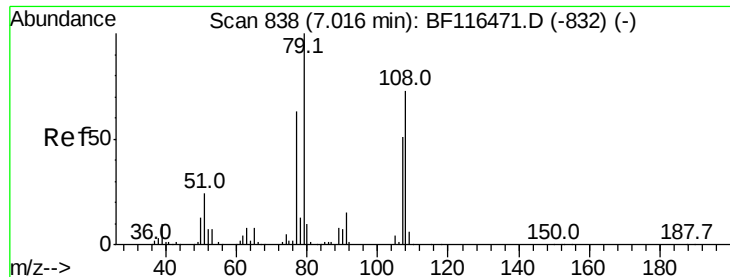
Abundance

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: 32.582 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

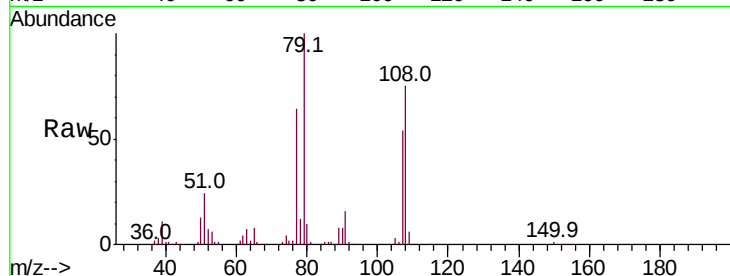
Tot Ion: 79 Resp: 263565

Ion Ratio Lower Upper

79 100

108 75.5 58.1 87.1

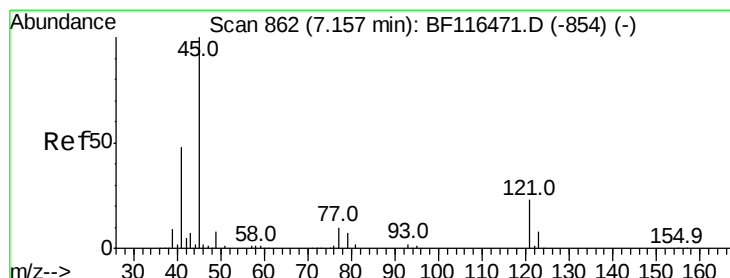
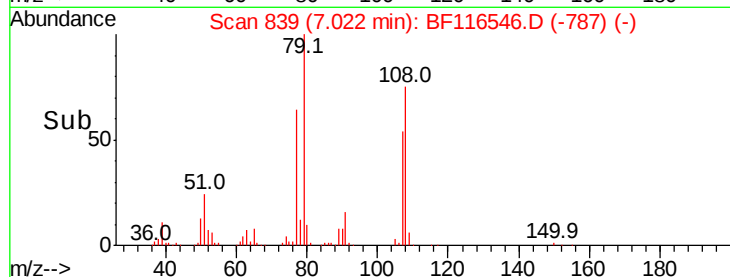
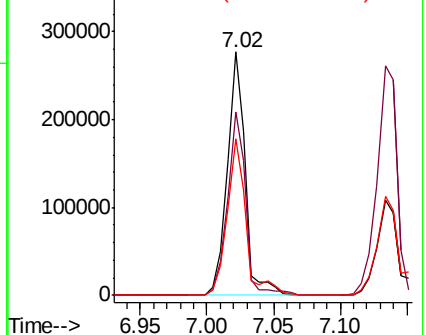
77 64.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.895 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

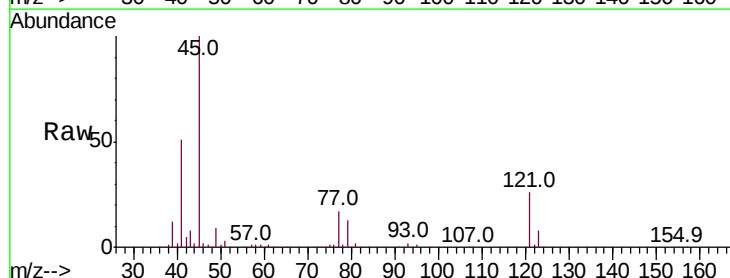
Tgt Ion: 45 Resp: 398757

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.1

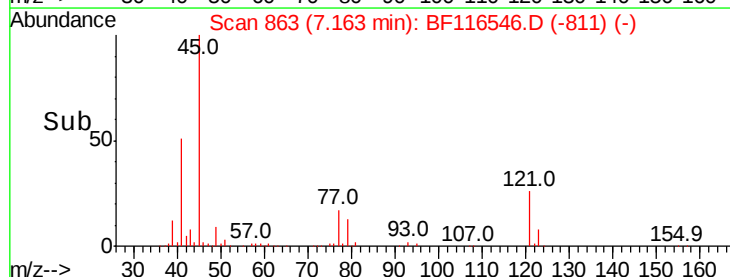
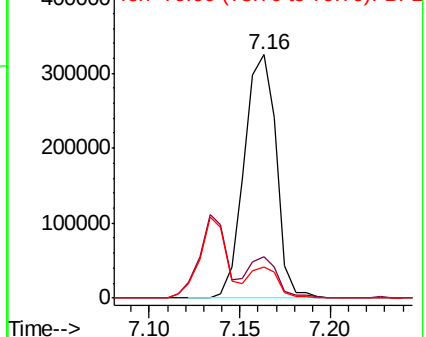
79 12.8 0.0 32.3

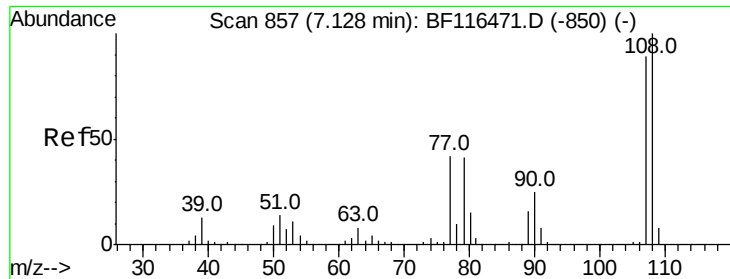


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

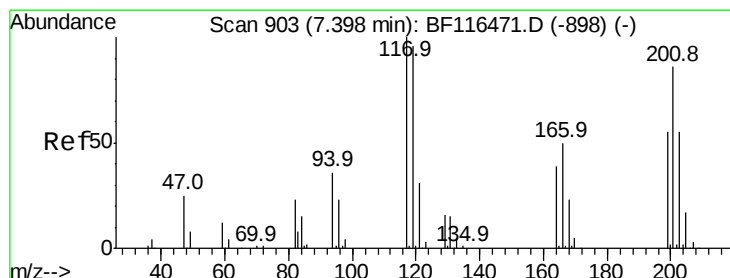
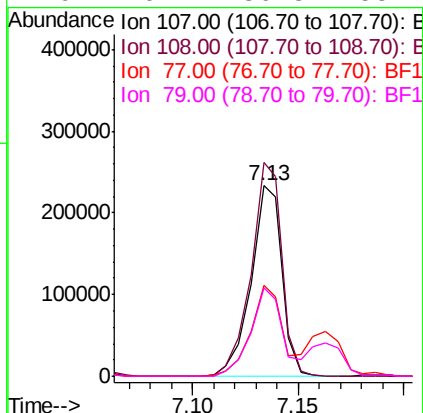
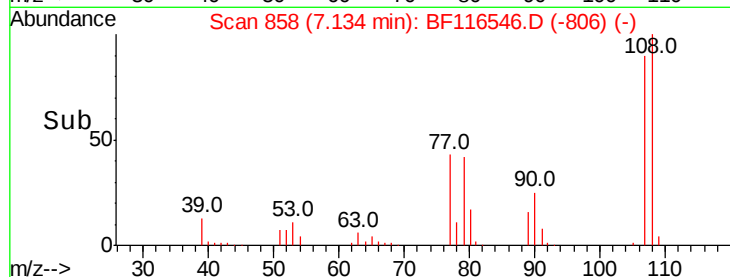
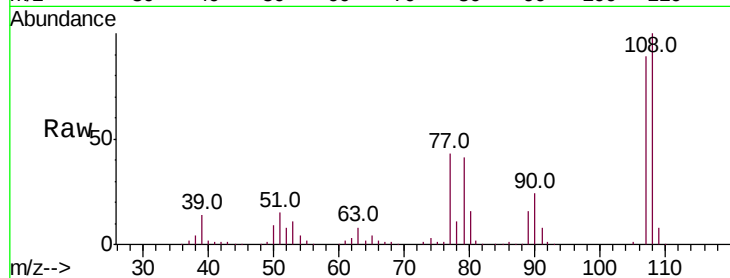




#17
2-Methylphenol
Concen: 33.512 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

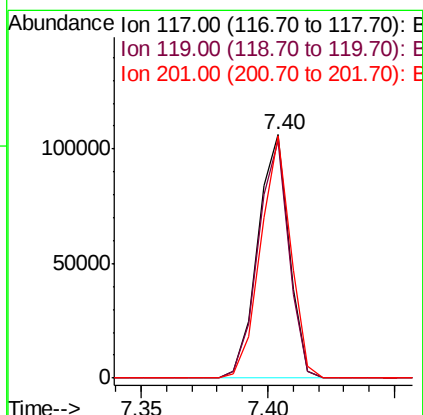
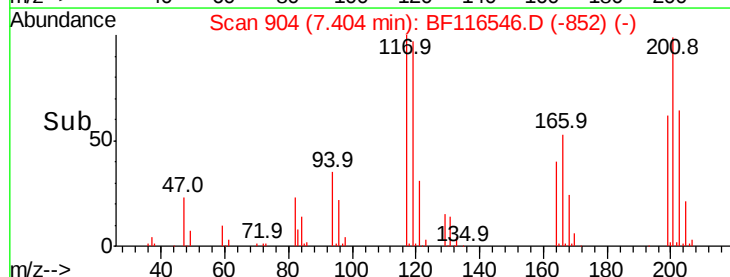
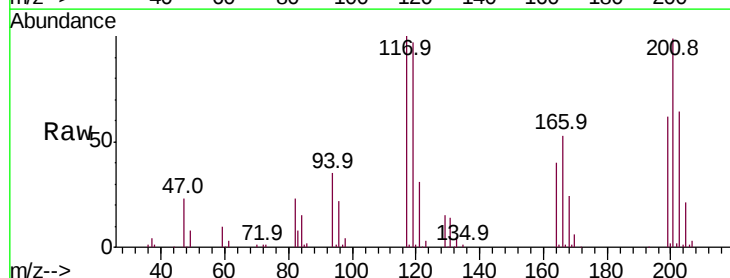
Instrument :
BNA_F
ClientSampled :

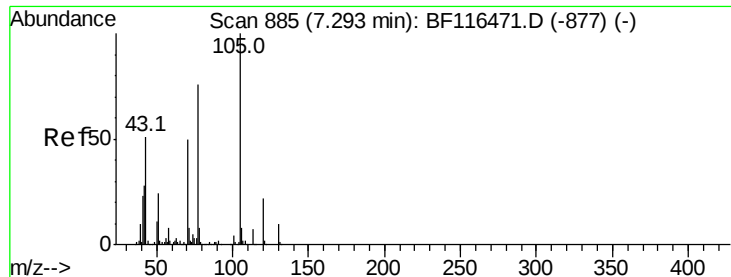
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.0	135.0
77	48.0	37.6	56.4
79	46.4	36.8	55.2



#18
Hexachloroethane
Concen: 26.404 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	99.3	69.1	103.7

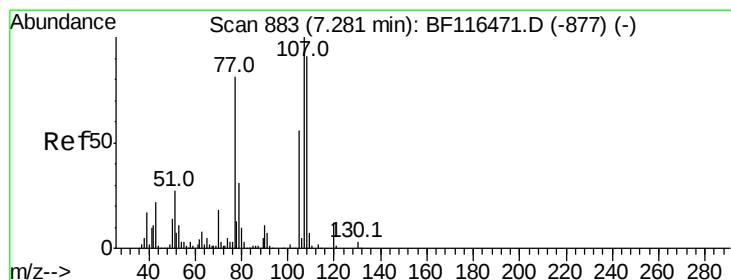
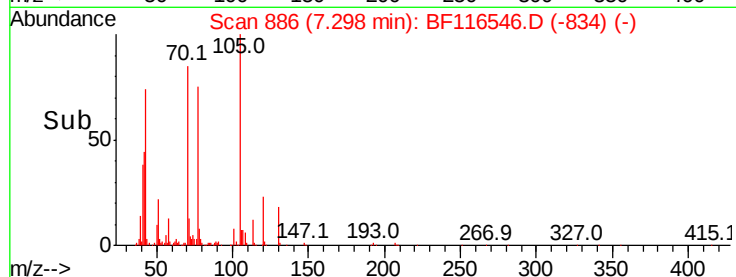
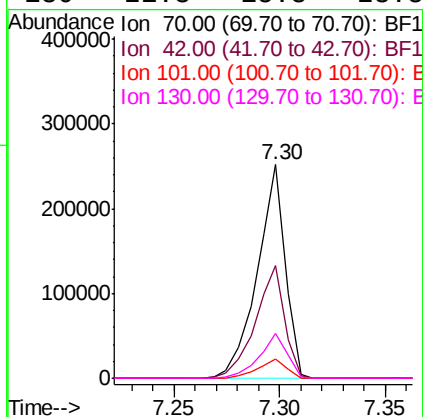
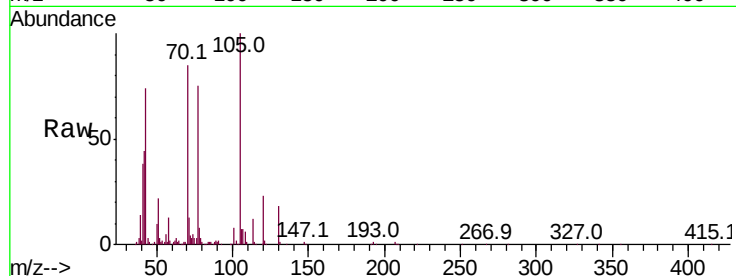




#19
n-Nitroso-di-n-propylamine
Concen: 34.057 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

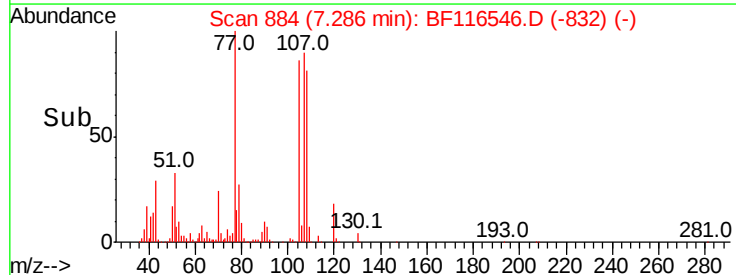
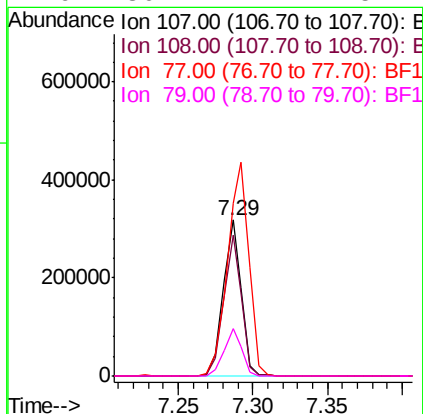
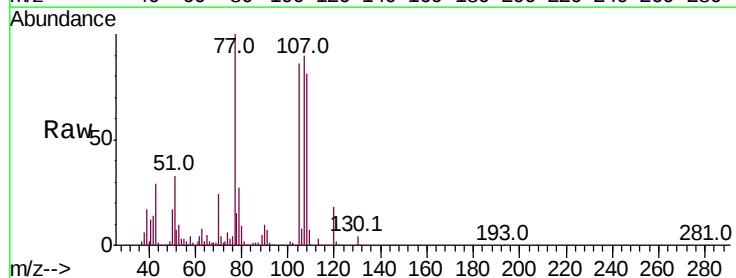
Instrument :
BNA_F
ClientSampleId :

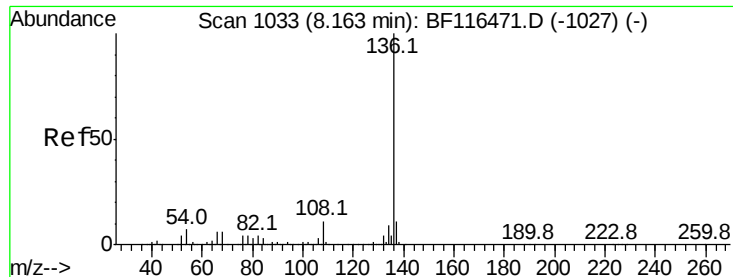
Tot Ion:	70	Resp:	232298
Ion	Ratio	Lower	Upper
70	100		
42	52.5	44.4	66.6
101	9.3	7.1	10.7
130	21.3	15.8	23.8



#20
3+4-Methylphenols
Concen: 31.395 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:	107	Resp:	272599
Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.7	110.7
77	111.2	60.6	100.6
79	30.4	11.1	51.1

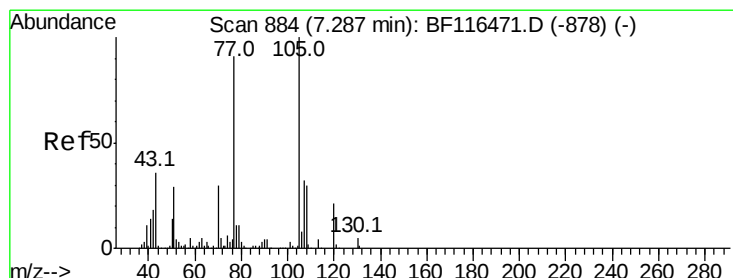
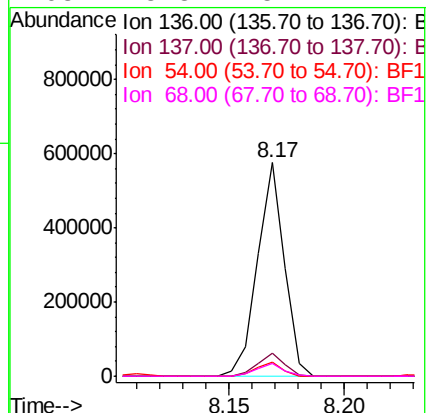
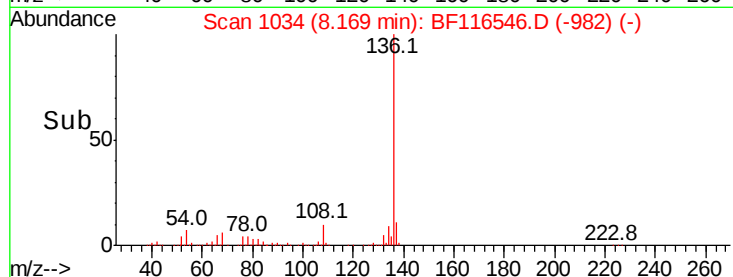
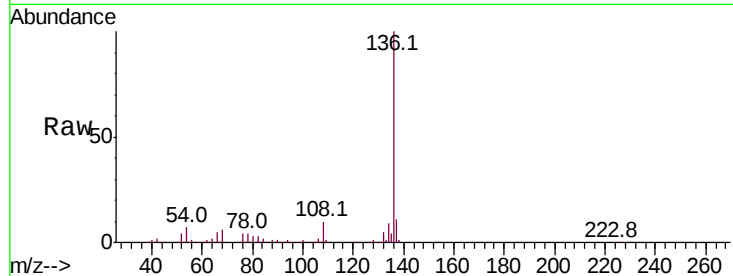




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

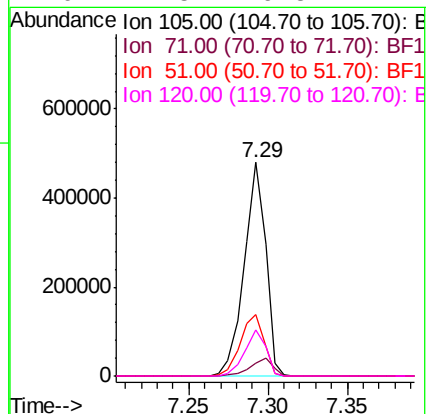
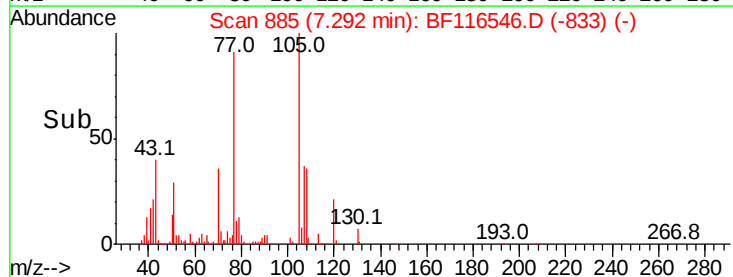
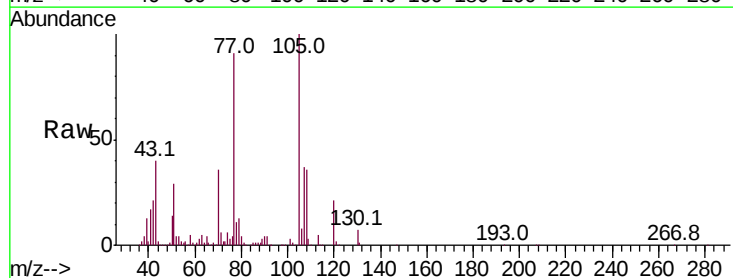
Instrument :
BNA_F
ClientSampleId :

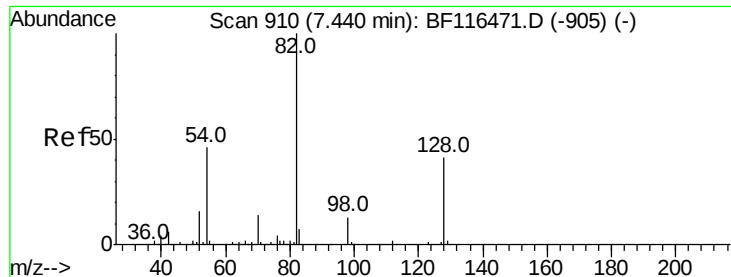
Tot Ion:136	Resp:	467880	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.4	
54 6.5	5.8	8.6	
68 5.8	5.1	7.7	



#22
Acetophenone
Concen: 38.547 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt	Ion:105	Resp:	450987
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.2	6.2
51	28.9	23.0	34.4
120	21.5	16.5	24.7





#23

Nitrobenzene-d5

Concen: 76.175 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

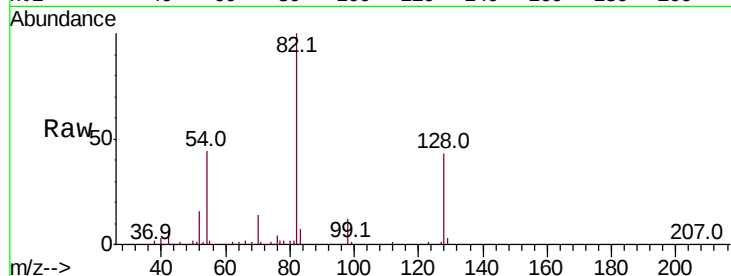
Tot Ion: 82 Resp: 651449

Ion Ratio Lower Upper

82 100

128 42.7 32.2 48.4

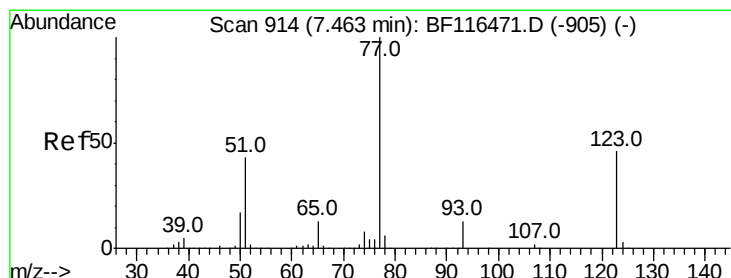
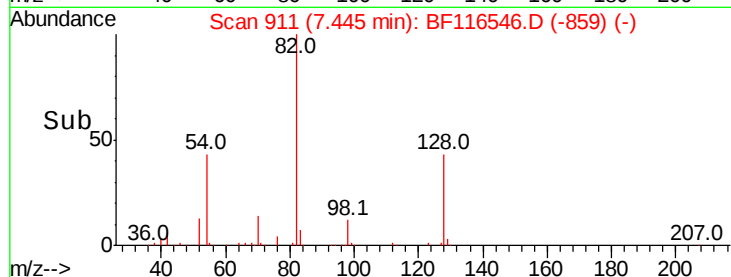
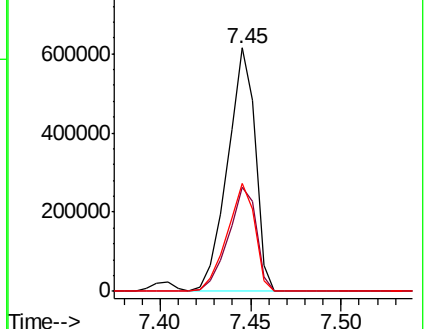
54 44.4 36.5 54.7



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: 36.591 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

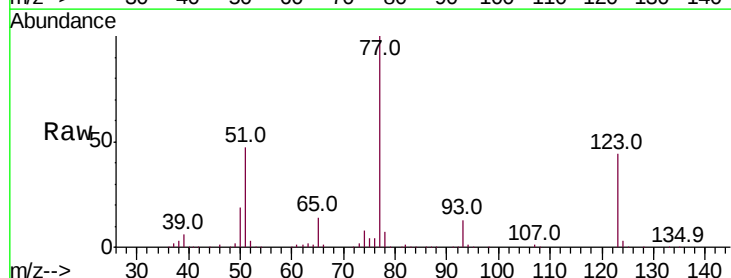
Tgt Ion: 77 Resp: 324070

Ion Ratio Lower Upper

77 100

123 44.0 37.0 55.4

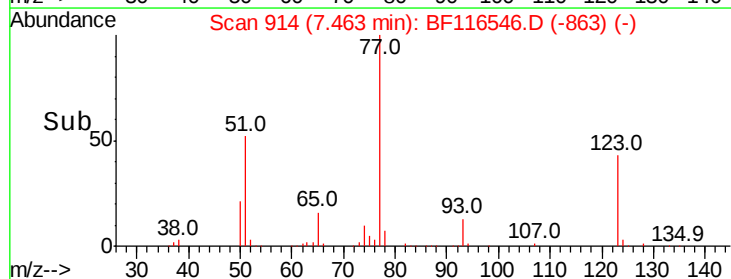
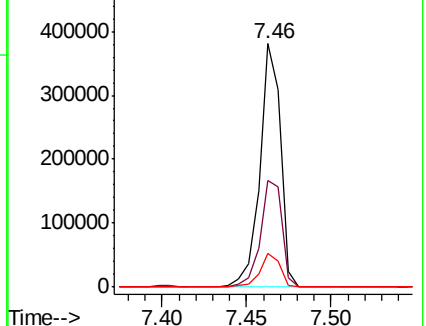
65 13.9 10.5 15.7

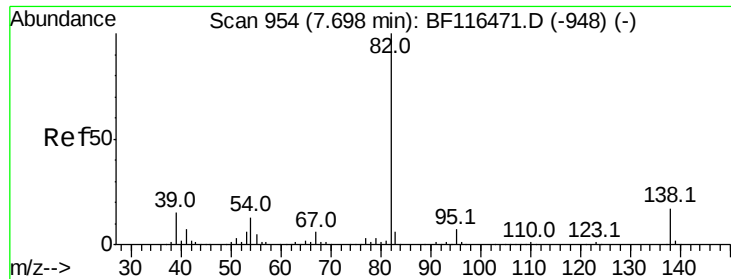


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.211 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

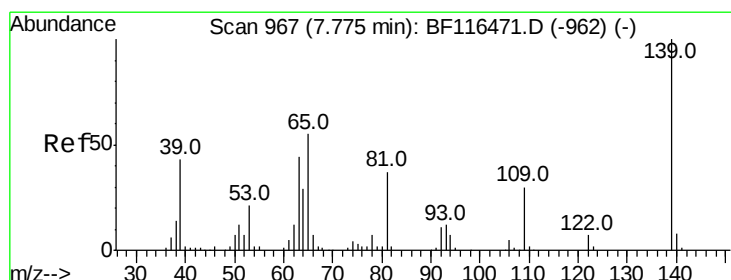
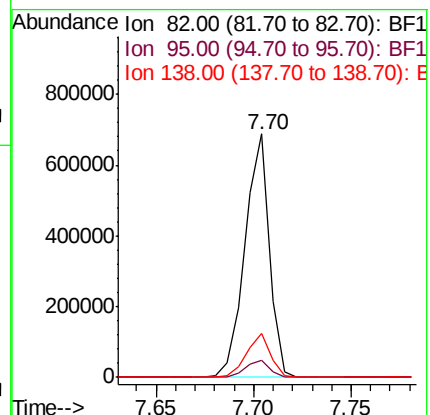
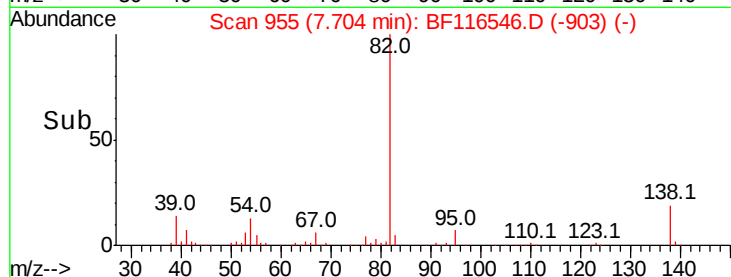
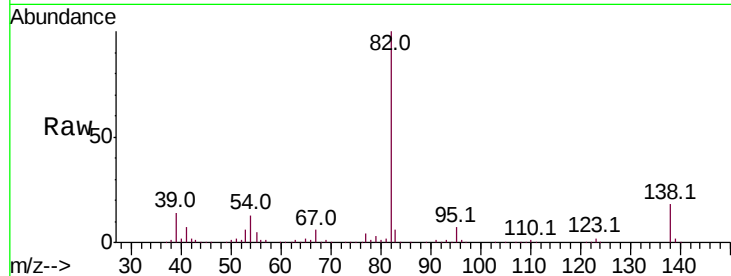
Tot Ion: 82 Resp: 593420

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.3 13.3 19.9



#26

2-Nitrophenol

Concen: 12.066 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

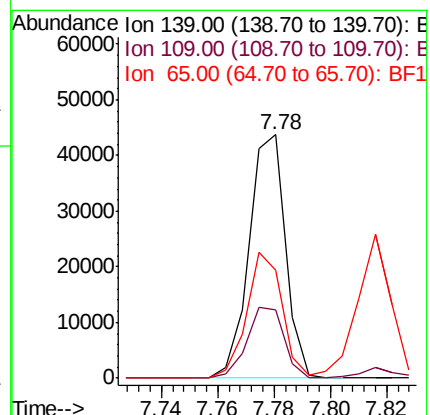
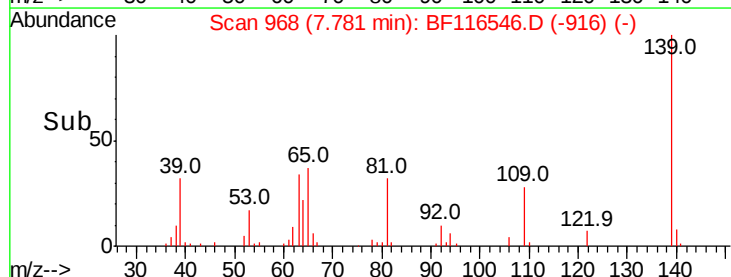
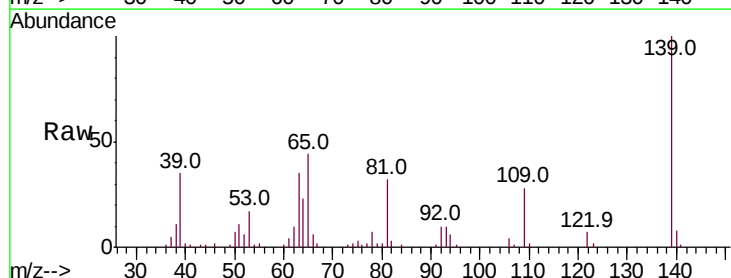
Tgt Ion: 139 Resp: 39034

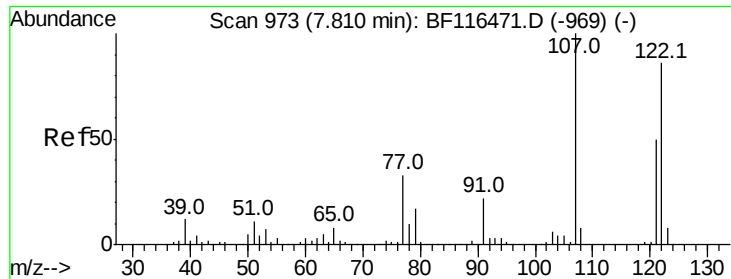
Ion Ratio Lower Upper

139 100

109 28.3 24.3 36.5

65 44.4 44.0 66.0

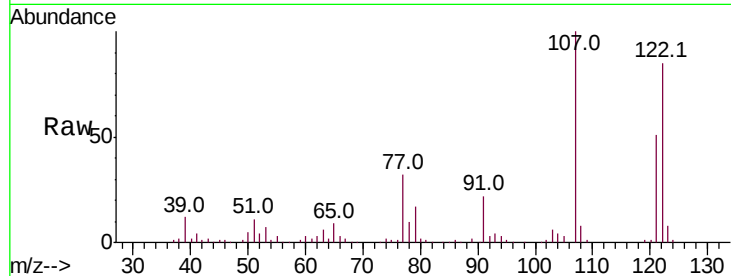




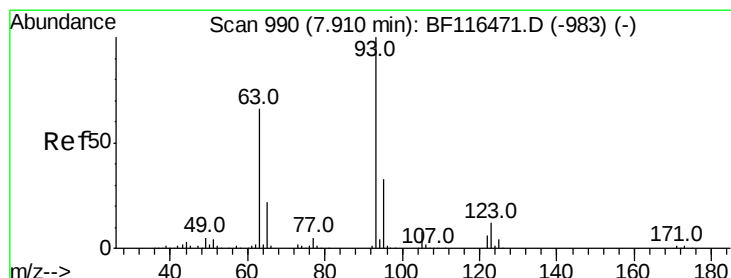
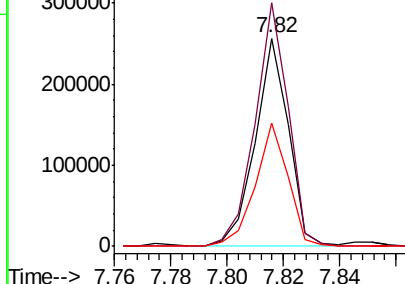
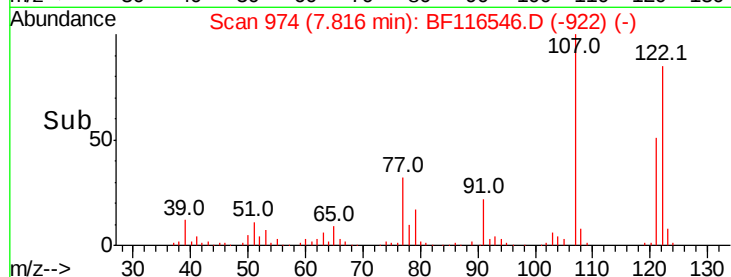
#27
 2,4-Dimethylphenol
 Concen: 30.981 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	92.4	138.6
121	59.2	46.2	69.4

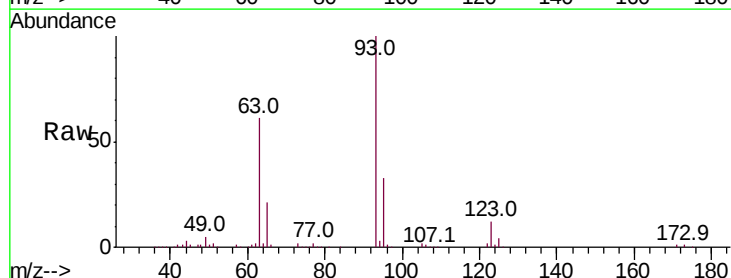


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

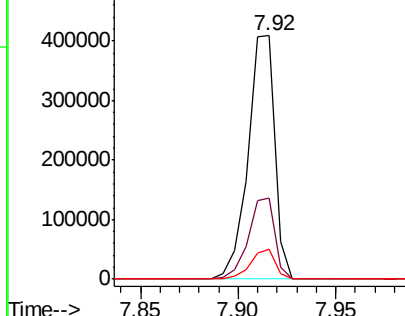
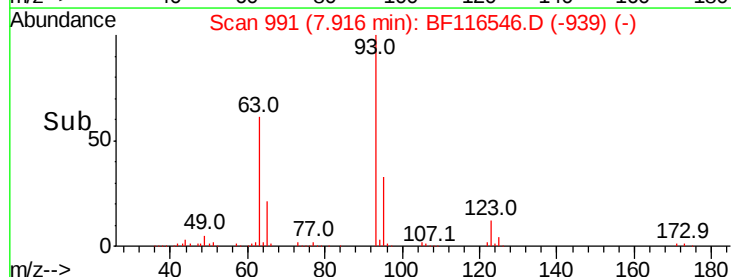


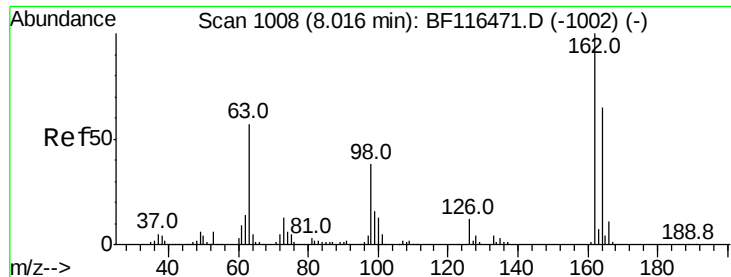
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.537 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	12.1	9.8	14.6



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

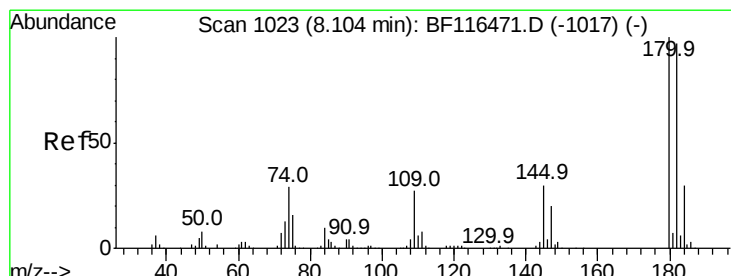
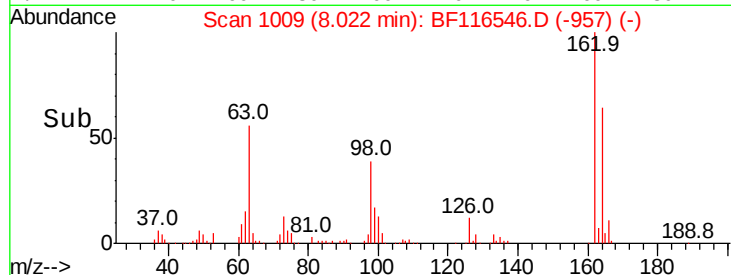
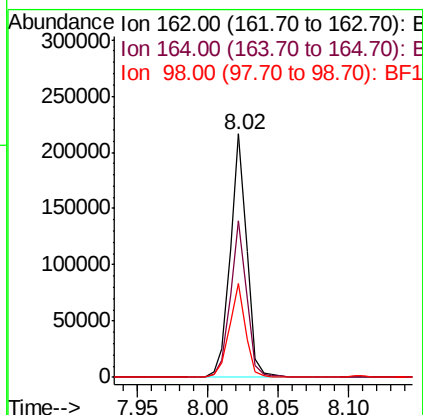
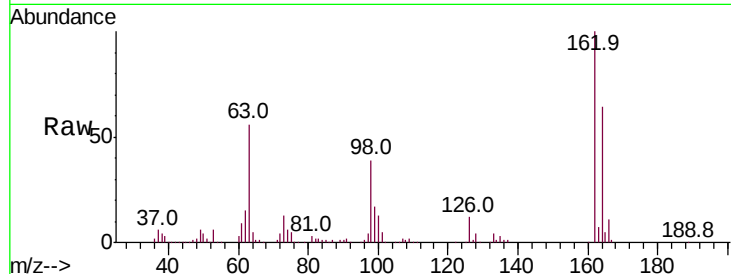




#29
 2,4-Dichlorophenol
 Concen: 27.533 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

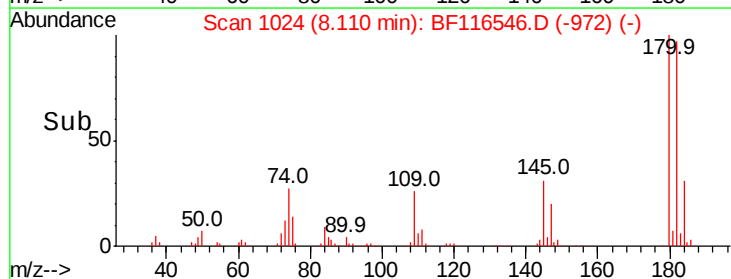
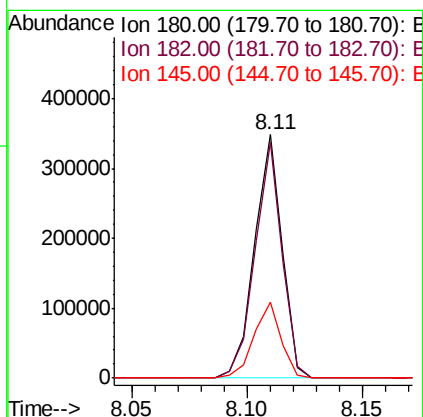
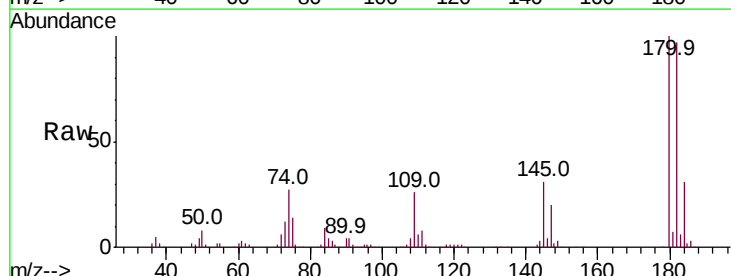
Instrument :
 BNA_F
 ClientSampled :

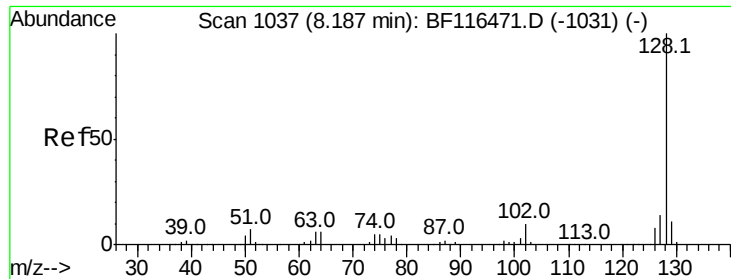
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	38.6	17.9	57.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.239 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.4	116.0
145	31.2	24.3	36.5

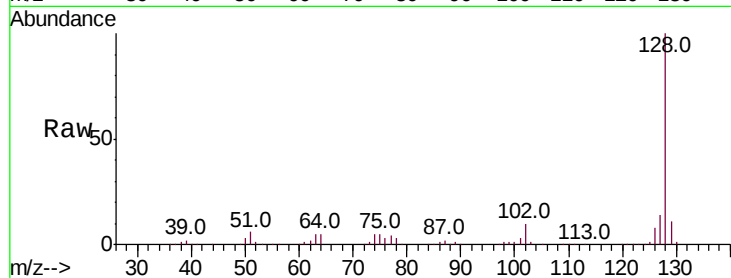




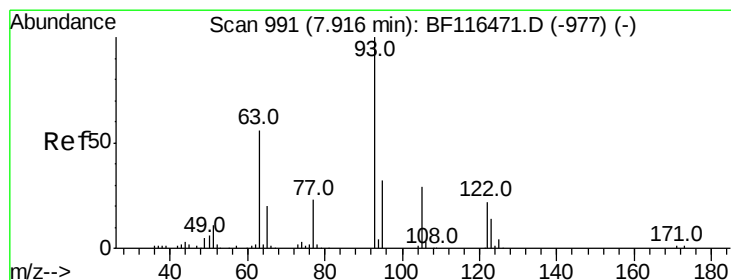
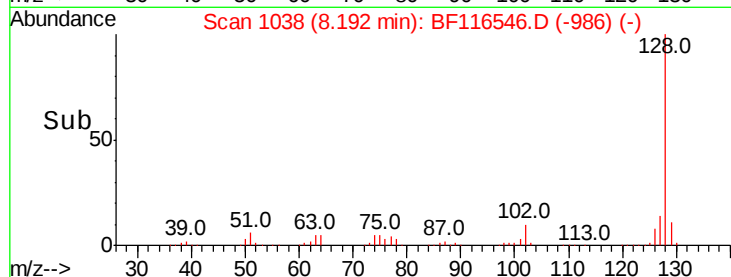
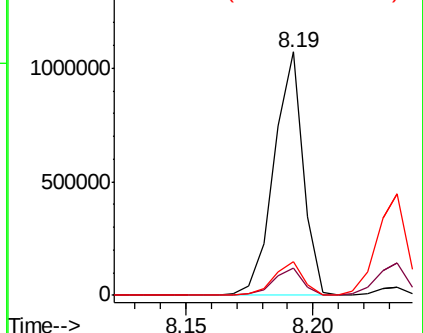
#31
Naphthalene
Concen: 38.190 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 864384
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.9 16.3

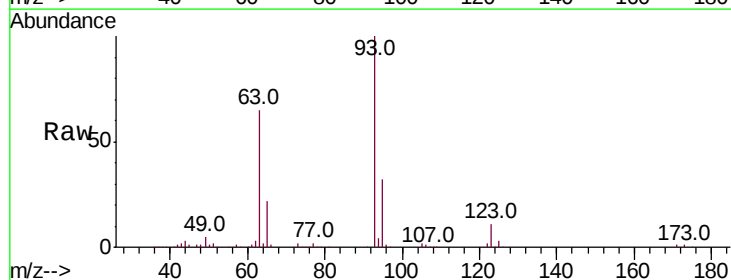


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

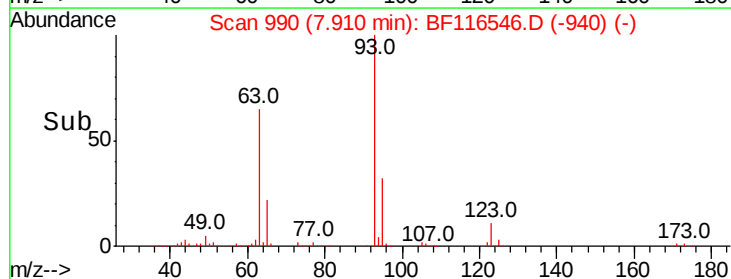
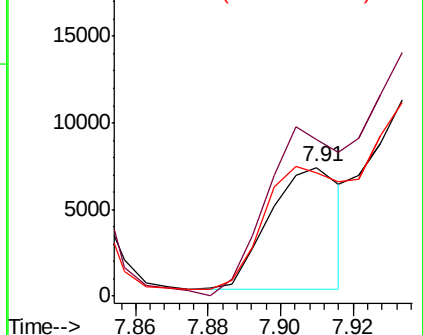


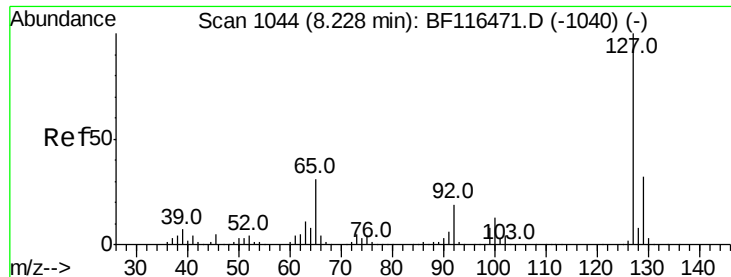
#32
Benzoic acid
Concen: 2.239 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:122 Resp: 9662
Ion Ratio Lower Upper
122 100
105 122.0 109.9 149.9
77 96.0 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

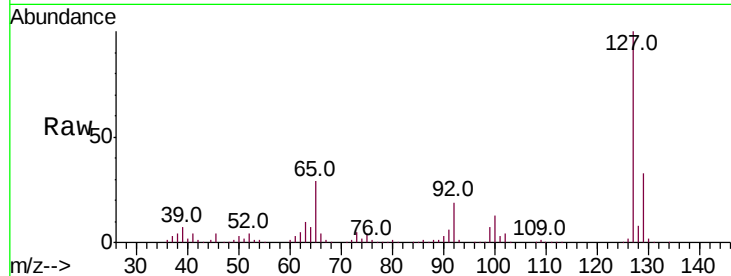




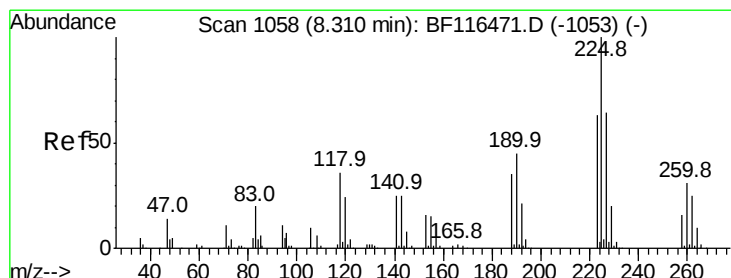
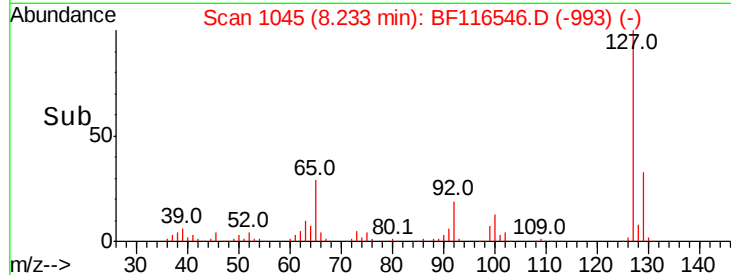
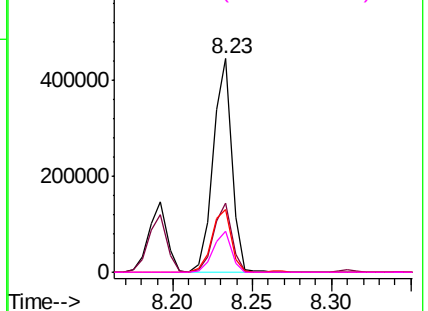
#33
4-Chloroaniline
Concen: 36.700 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	364663
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	29.4	25.0	37.6
92	19.0	15.0	22.6

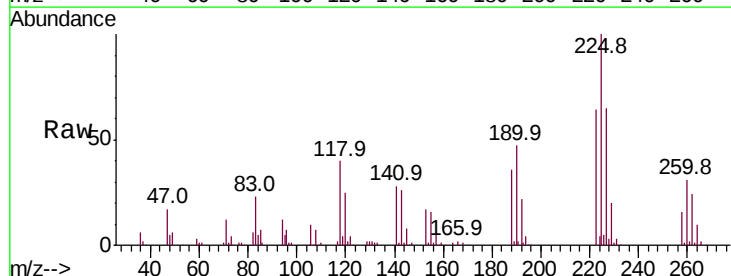


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

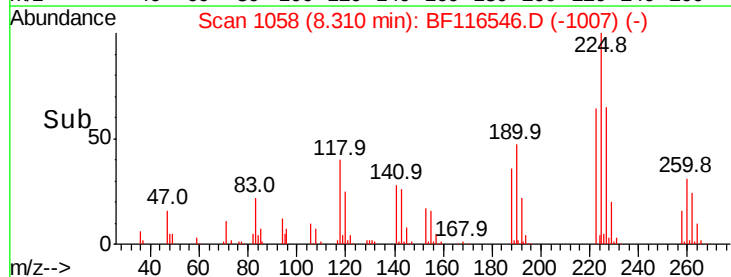
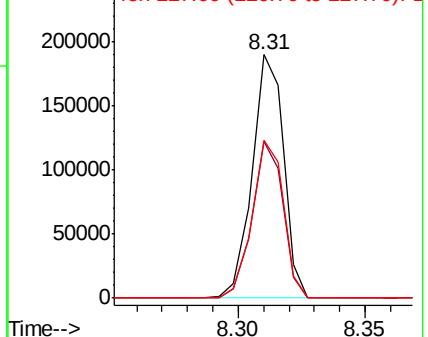


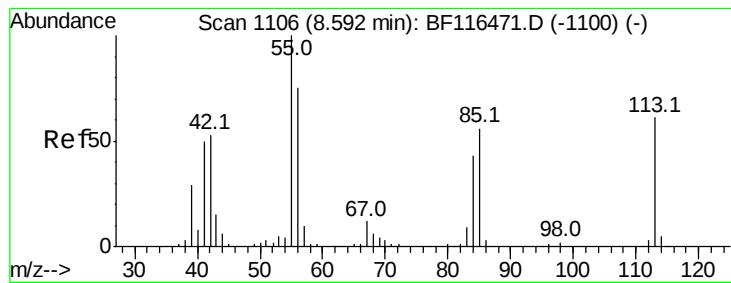
#34
Hexachlorobutadiene
Concen: 41.699 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:	225	Resp:	164343
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.3	75.5
227	64.9	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.205 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampled :

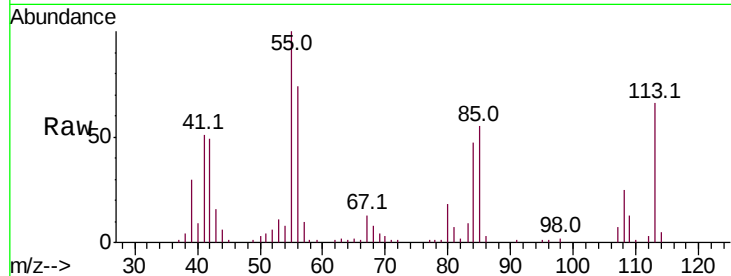
Tot Ion:113 Resp: 56358

Ion Ratio Lower Upper

113 100

55 151.9 143.6 183.6

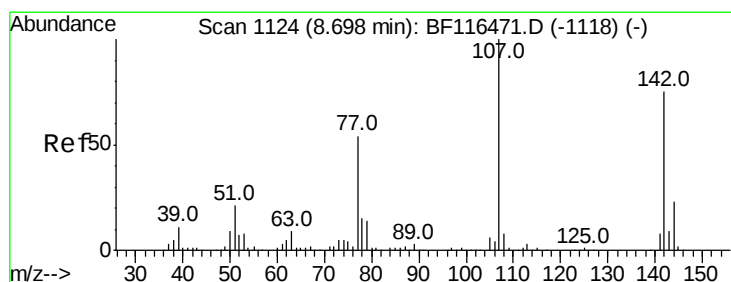
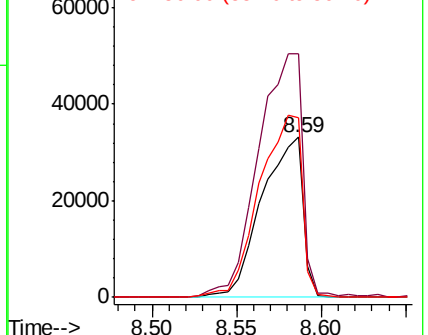
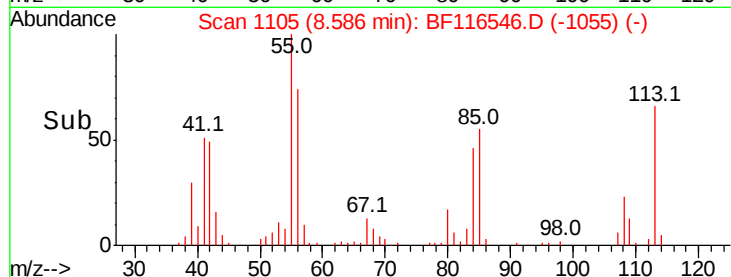
56 111.8 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 24.504 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

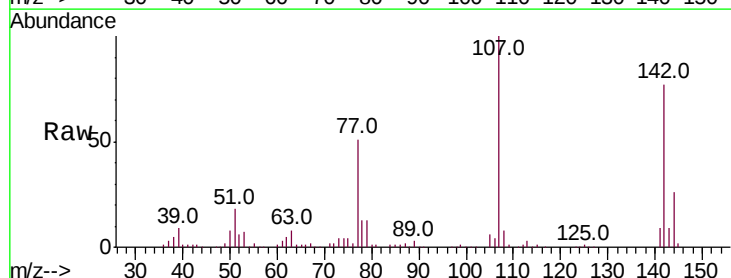
Tgt Ion:107 Resp: 177480

Ion Ratio Lower Upper

107 100

144 25.8 18.8 28.2

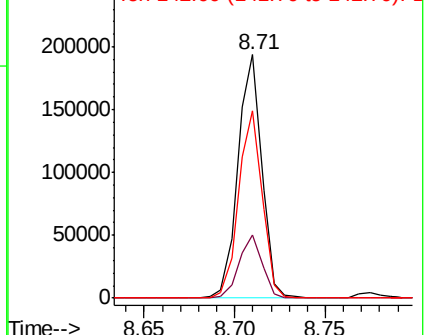
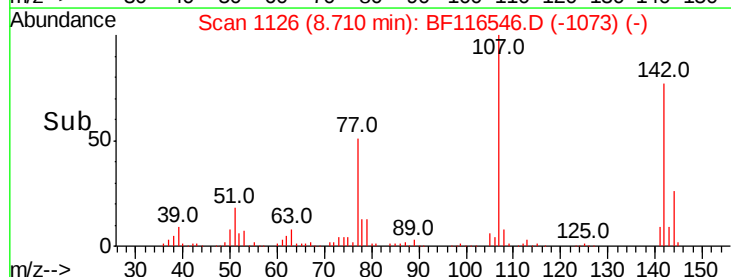
142 76.9 59.8 89.6

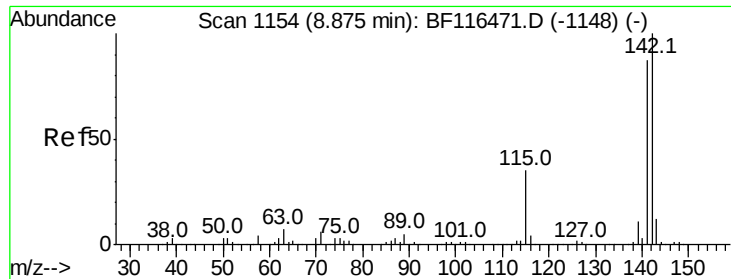


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

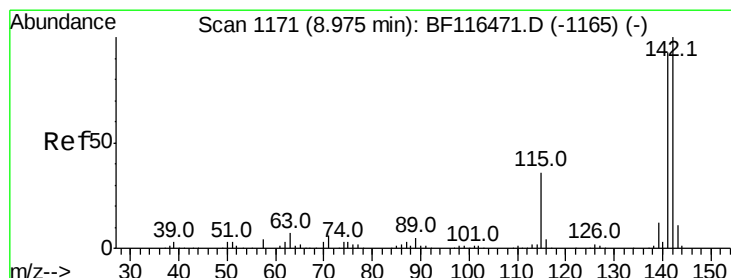
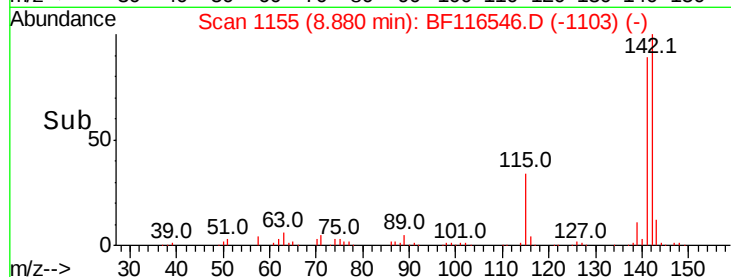
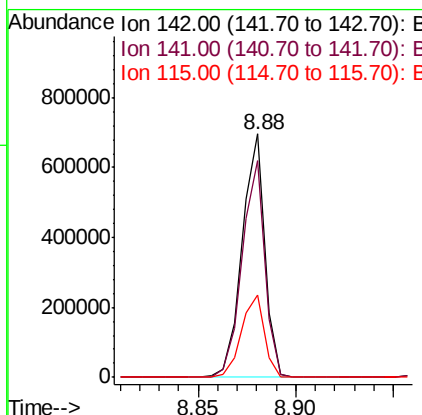
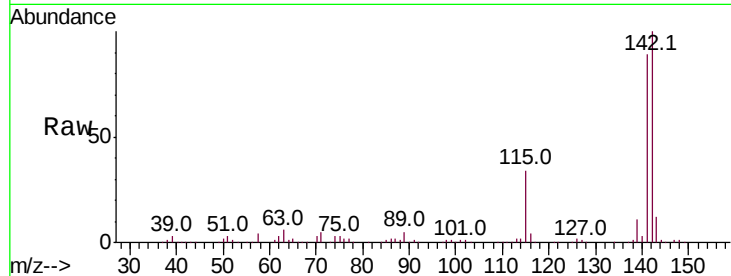




#37
 2-Methylnaphthalene
 Concen: 36.026 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

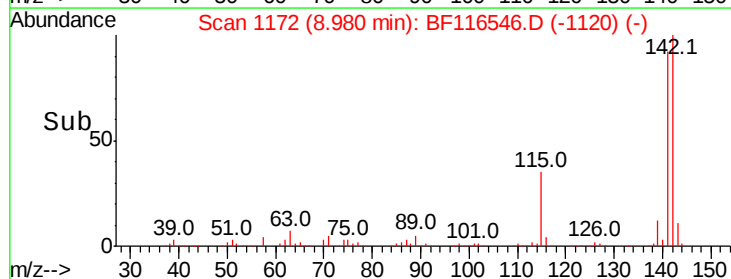
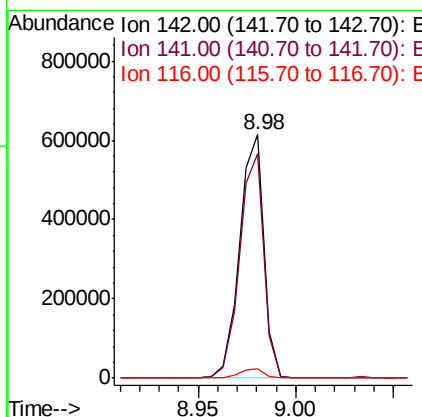
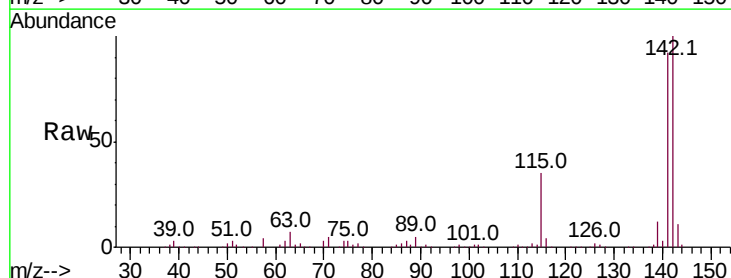
Instrument :
 BNA_F
 ClientSampleId :

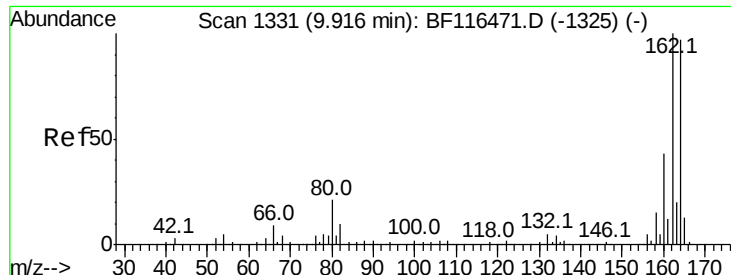
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.6
115	33.8	27.7	41.5



#38
 1-Methylnaphthalene
 Concen: 36.136 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.2
116	3.8	2.9	4.3

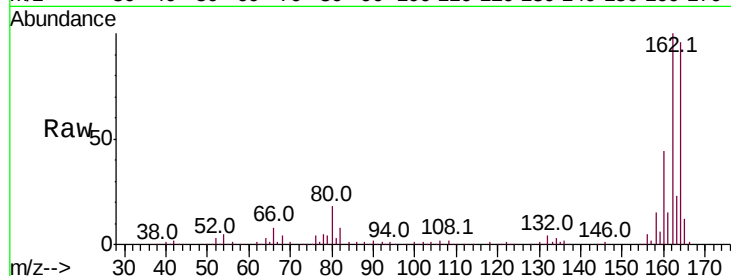




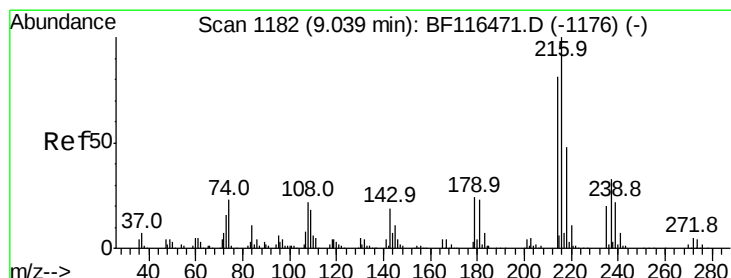
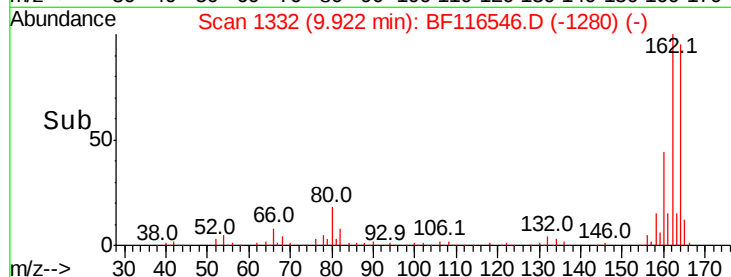
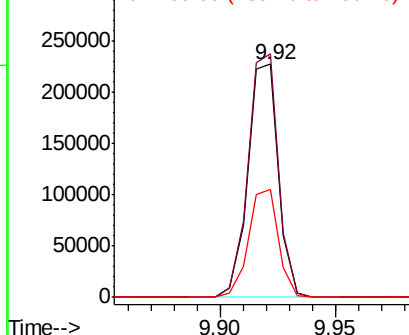
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 210532
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 46.1 35.8 53.8

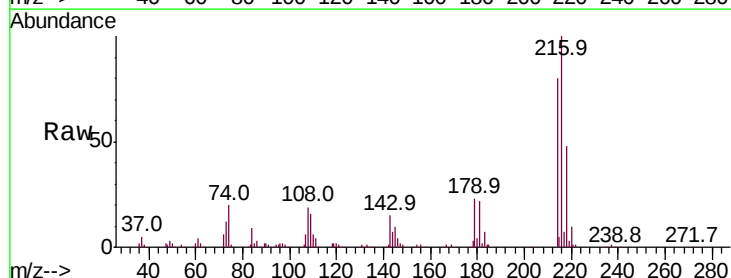


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

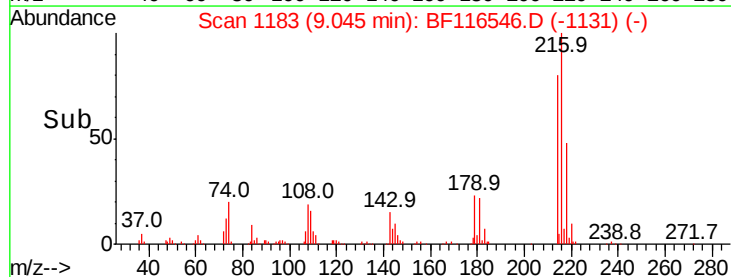
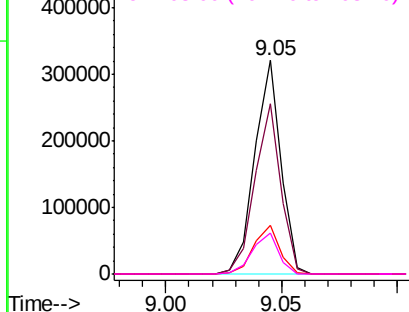


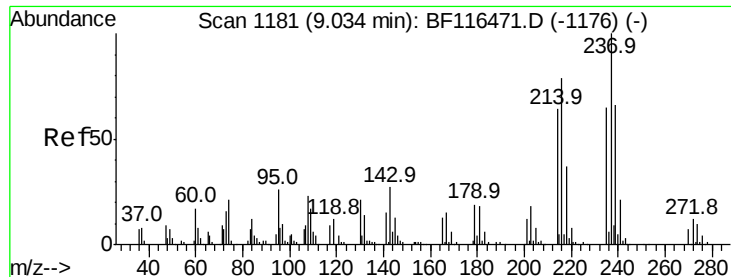
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.827 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:216 Resp: 253914
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.8
179 22.9 18.5 27.7
108 19.4 17.3 25.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 5.369 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

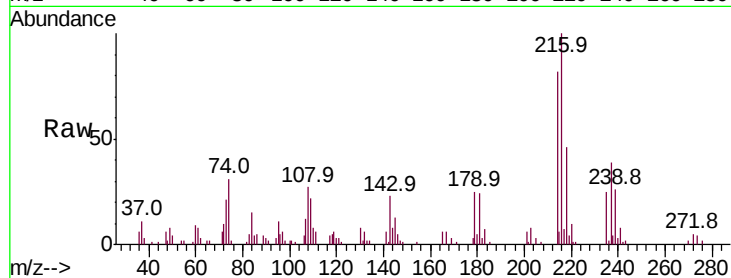
Tot Ion:237 Resp: 16361

Ion Ratio Lower Upper

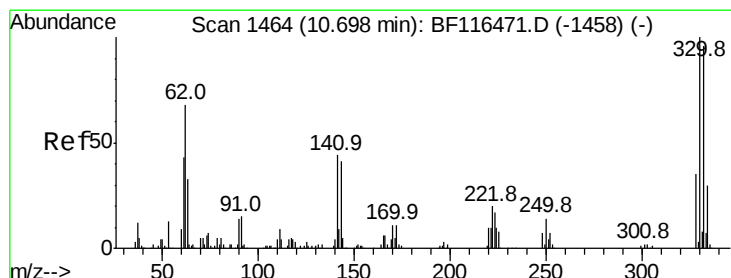
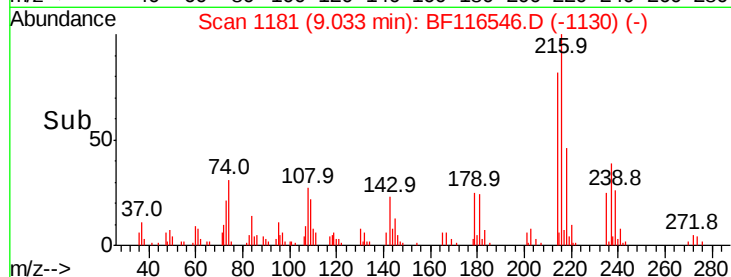
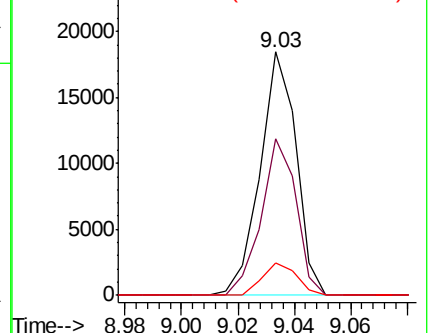
237 100

235 64.1 44.8 84.8

272 13.1 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: 39.509 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

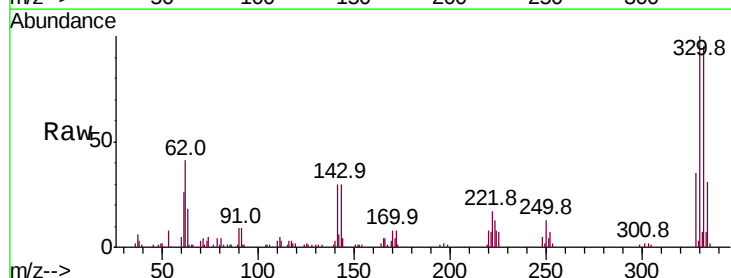
Tgt Ion:330 Resp: 71423

Ion Ratio Lower Upper

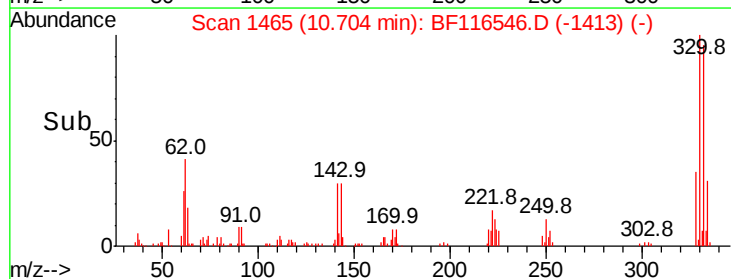
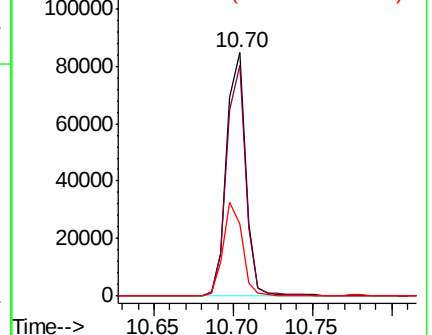
330 100

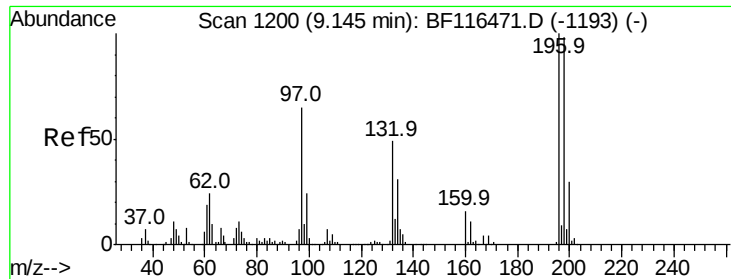
332 94.5 77.2 115.8

141 38.5 33.3 49.9



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

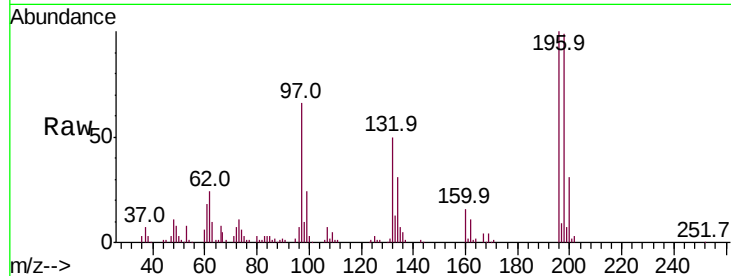




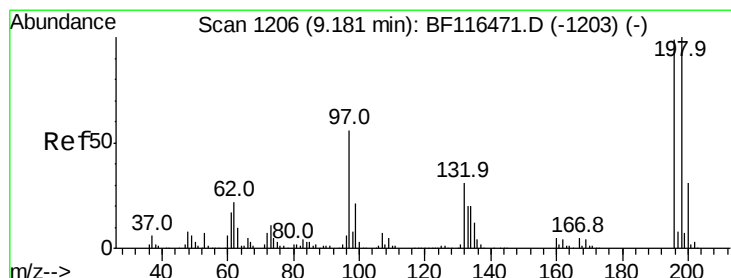
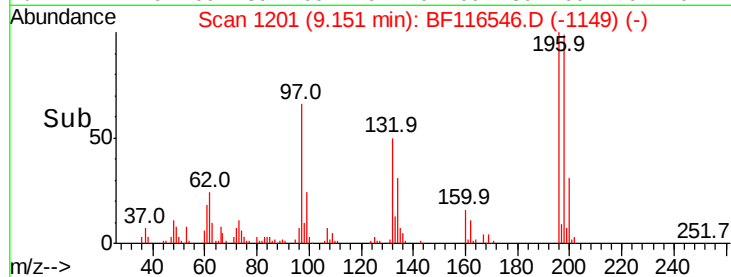
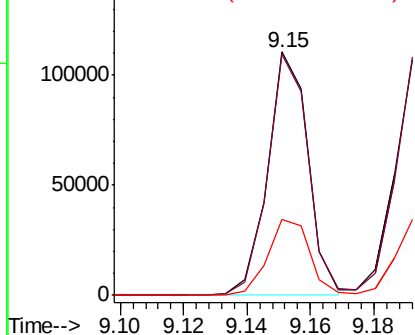
#43
 2,4,6-Trichlorophenol
 Concen: 24.602 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	97530	
Ion Ratio	Lower	Upper	
196	100		
198	98.8	78.0	117.0
200	31.2	24.2	36.2

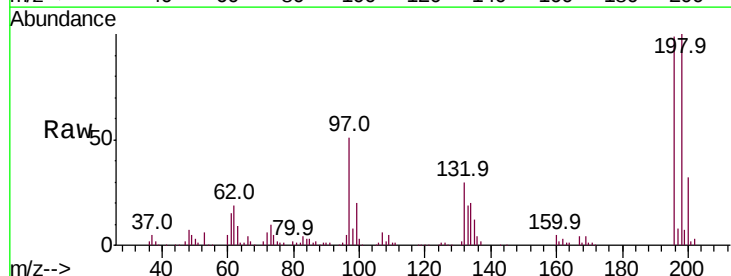


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

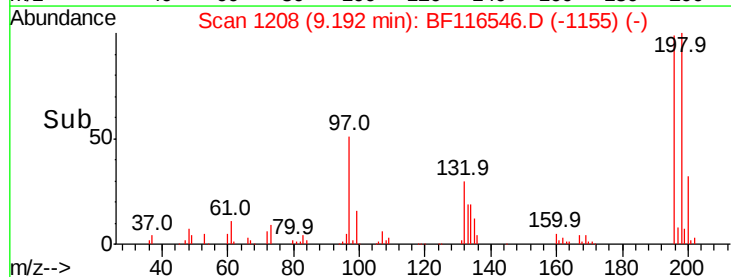
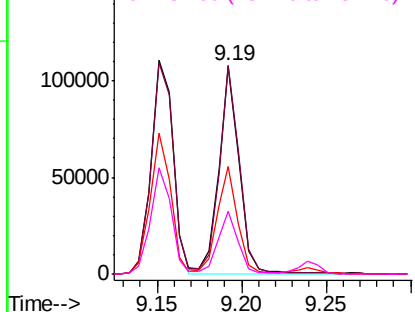


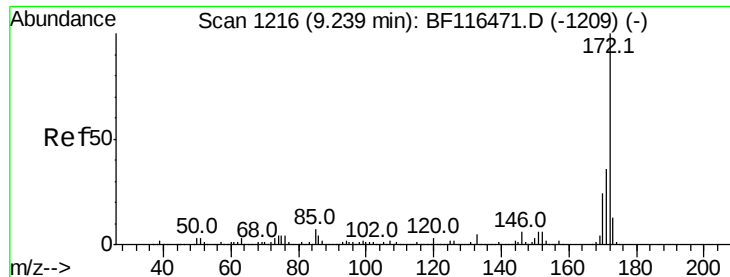
#44
 2,4,5-Trichlorophenol
 Concen: 22.624 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt	Ion:196	Resp:	91257
Ion	Ratio	Lower	Upper
196	100		
198	100.9	80.8	121.2
97	51.9	45.7	68.5
132	30.6	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

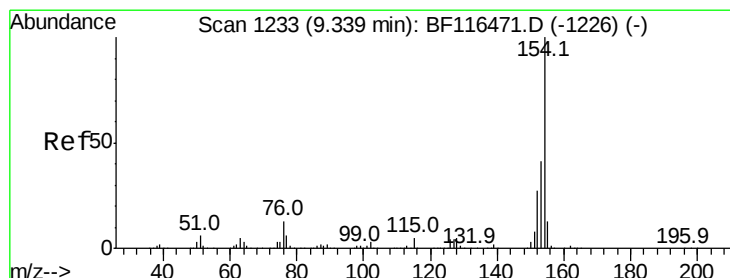
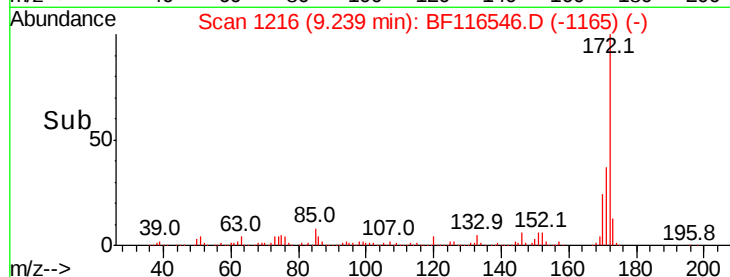
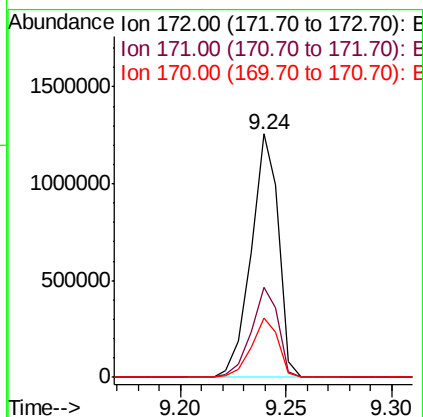
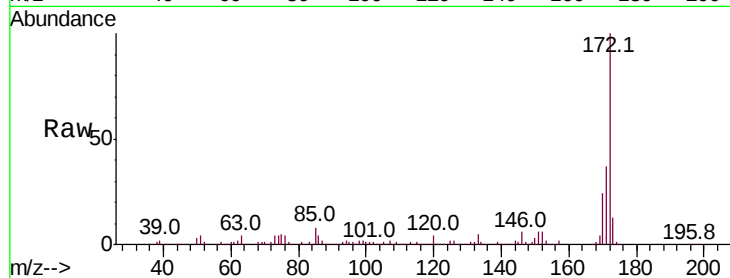




#45
2-Fluorobiphenyl
Concen: 86.656 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

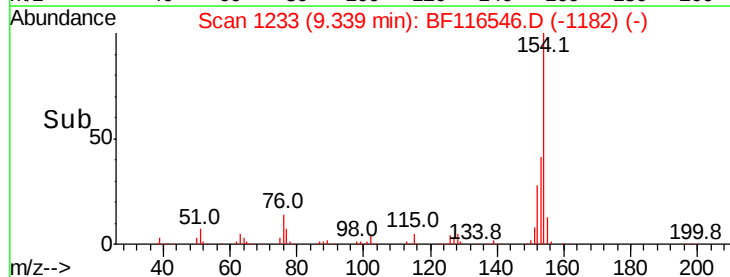
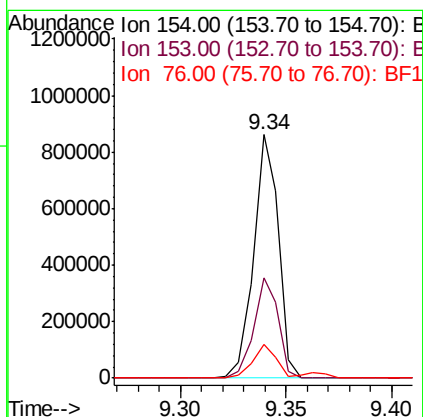
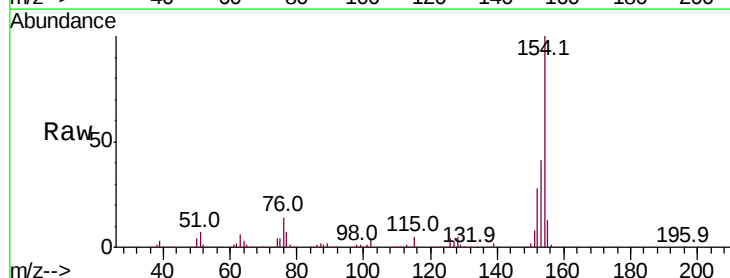
Instrument :
BNA_F
ClientSampleId :

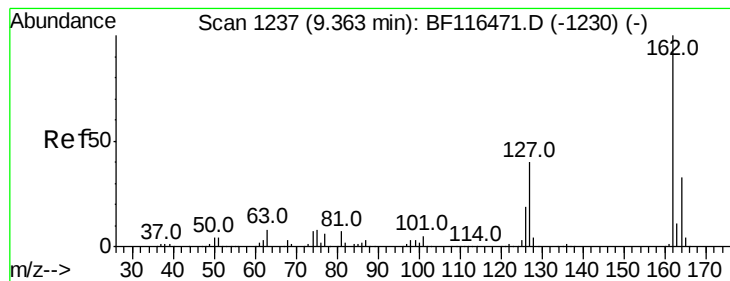
Tot Ion:172 Resp: 1132870
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 41.798 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:154 Resp: 703552
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 13.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.945 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

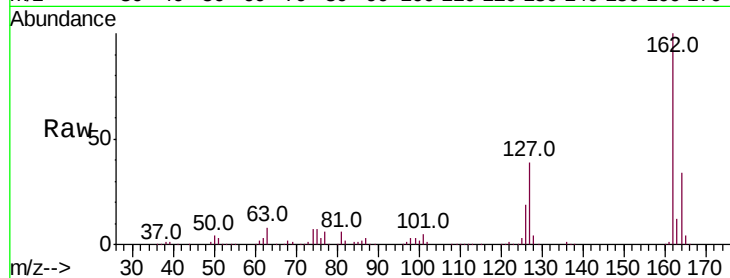
Tot Ion:162 Resp: 521257

Ion Ratio Lower Upper

162 100

127 39.0 32.5 48.7

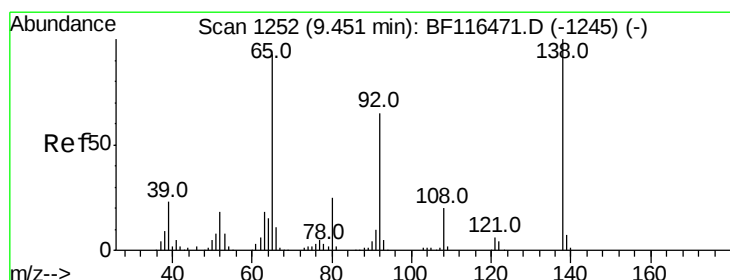
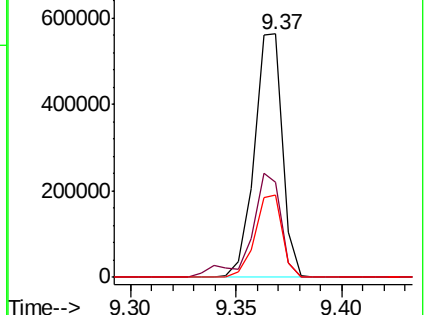
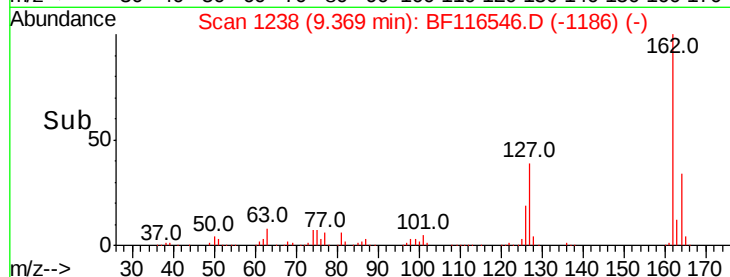
164 33.7 26.7 40.1



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: 36.389 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

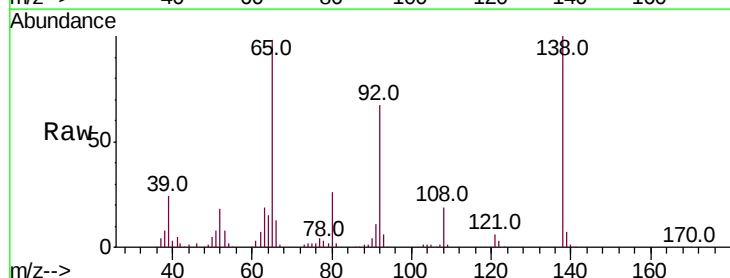
Tgt Ion: 65 Resp: 145394

Ion Ratio Lower Upper

65 100

92 68.0 56.2 84.2

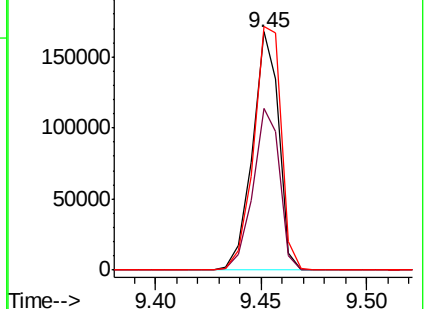
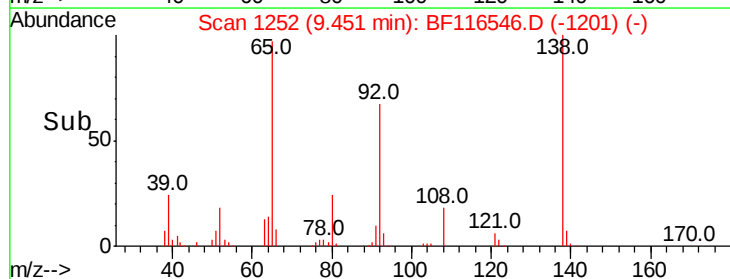
138 102.1 86.0 129.0

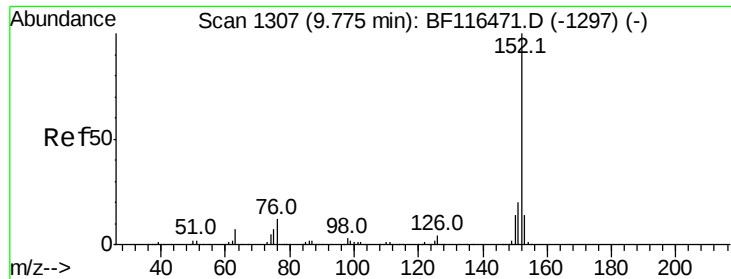


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.747 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

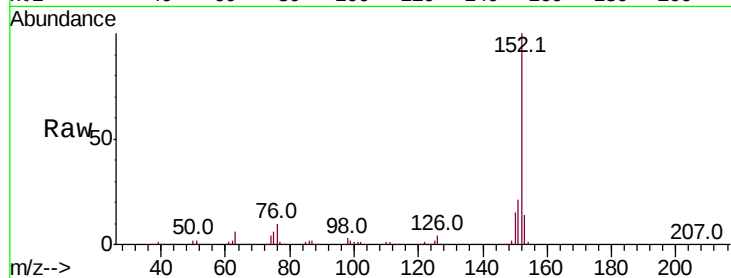
Tot Ion:152 Resp: 720655

Ion Ratio Lower Upper

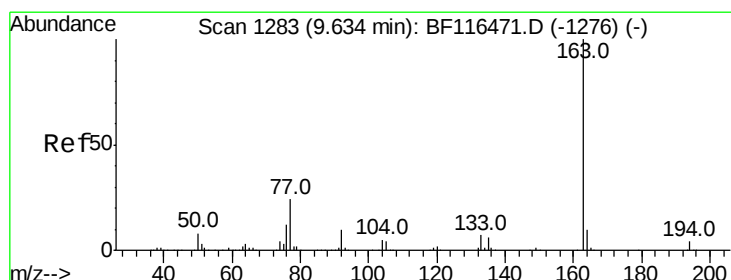
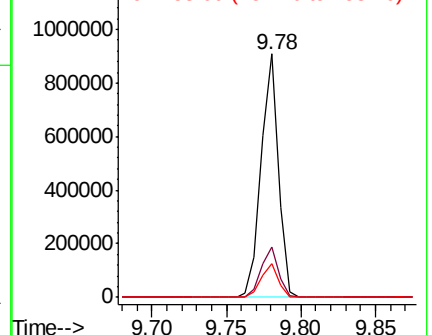
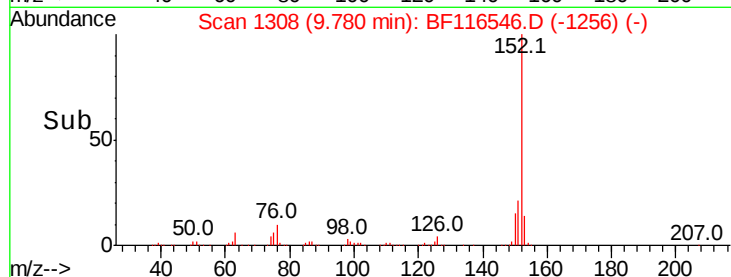
152 100

151 20.7 16.1 24.1

153 13.7 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: 42.260 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

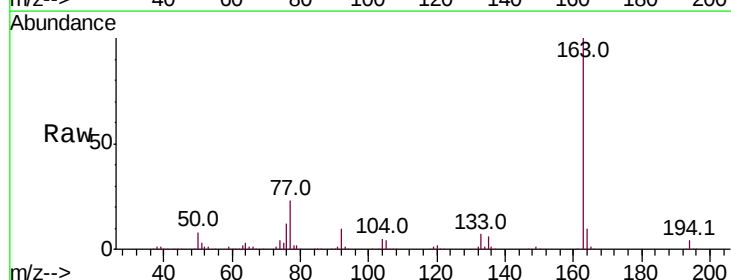
Tgt Ion:163 Resp: 620749

Ion Ratio Lower Upper

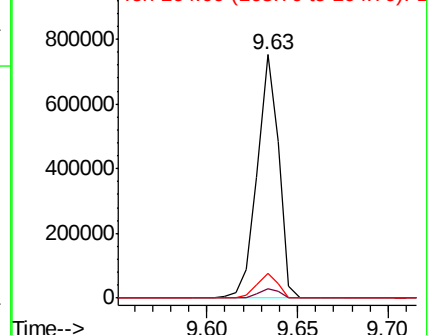
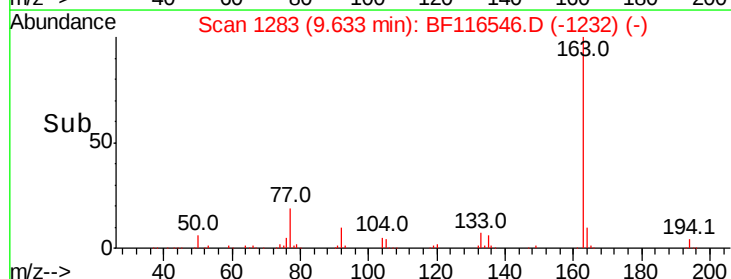
163 100

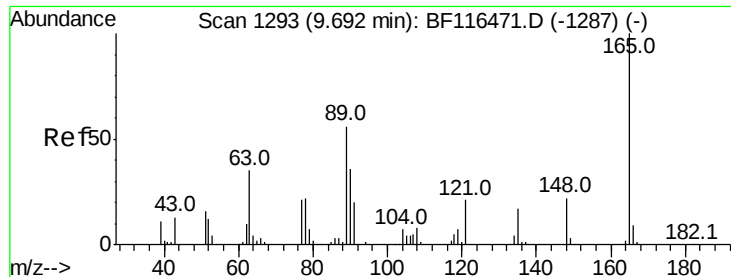
194 3.7 2.9 4.3

164 10.4 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: 25.393 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampled :

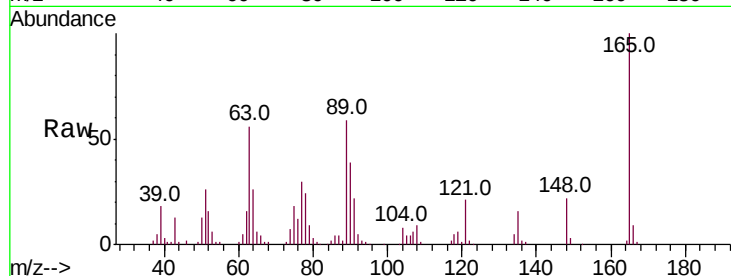
Tot Ion:165 Resp: 76347

Ion Ratio Lower Upper

165 100

63 55.5 43.7 65.5

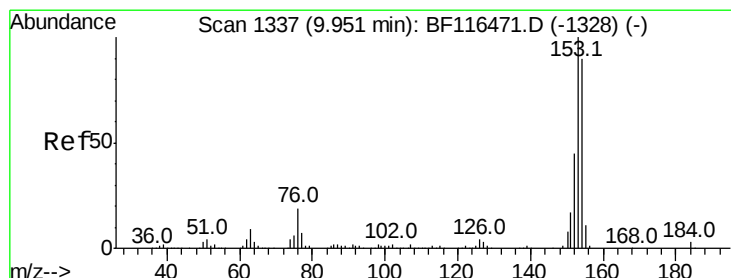
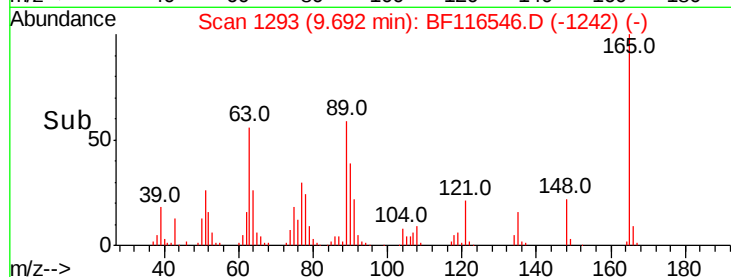
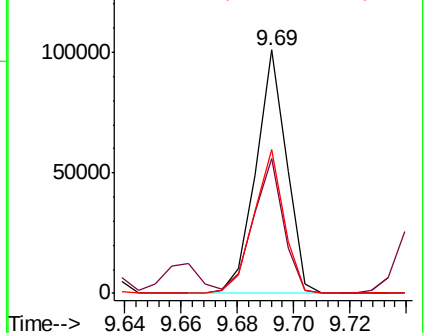
89 59.2 45.1 67.7



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



#52

Acenaphthene

Concen: 36.894 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

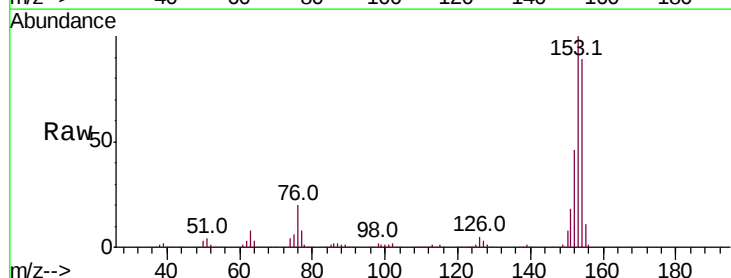
Tgt Ion:154 Resp: 451978

Ion Ratio Lower Upper

154 100

153 112.3 89.3 133.9

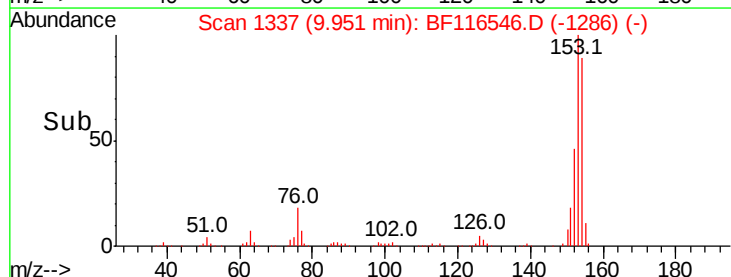
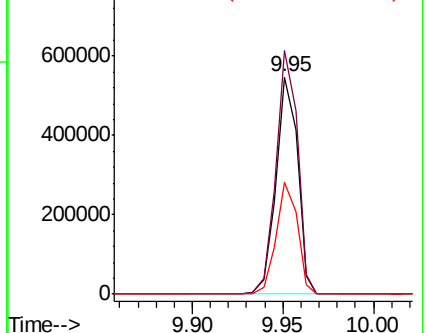
152 51.7 40.2 60.4

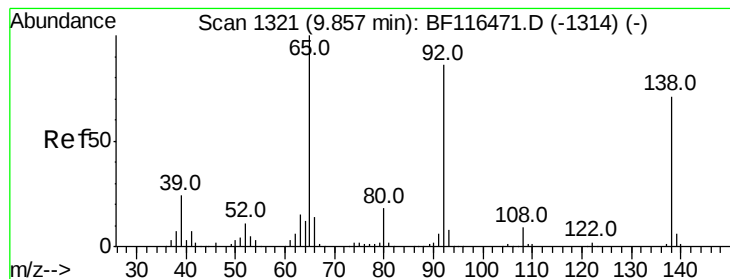


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.578 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

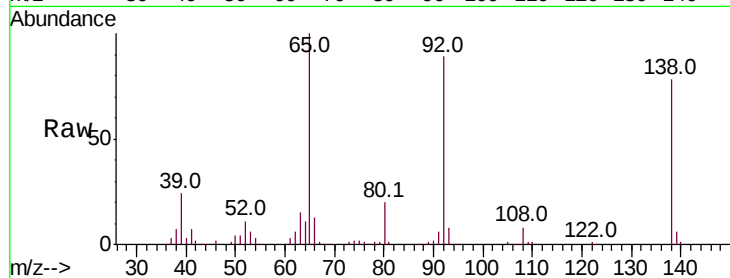
Tot Ion:138 Resp: 149012

Ion Ratio Lower Upper

138 100

108 10.9 10.0 15.0

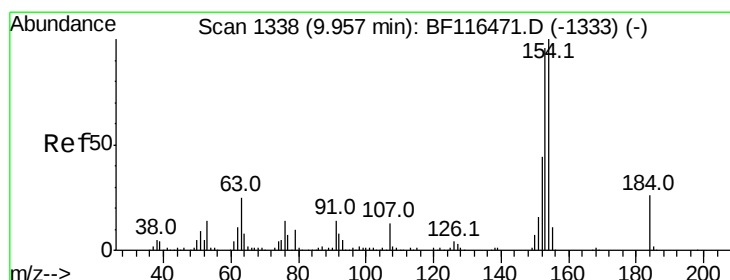
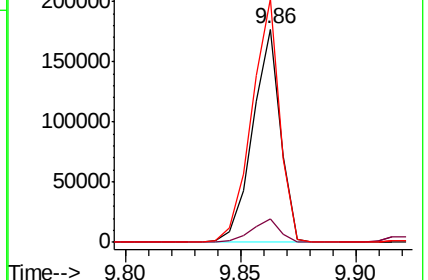
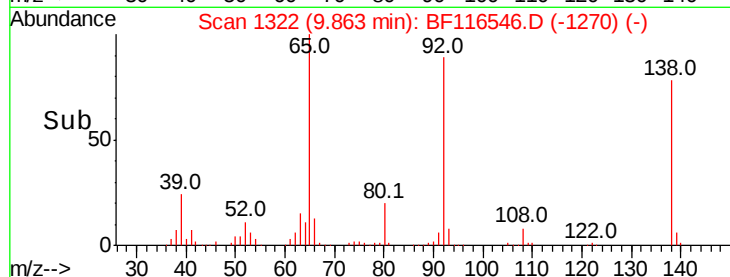
92 114.3 97.7 146.5



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: 8.839 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

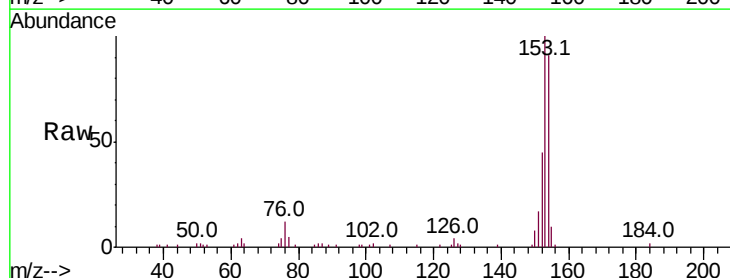
Tgt Ion:184 Resp: 550

Ion Ratio Lower Upper

184 100

63 279.2 78.2 117.4#

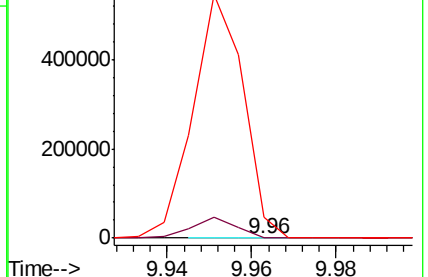
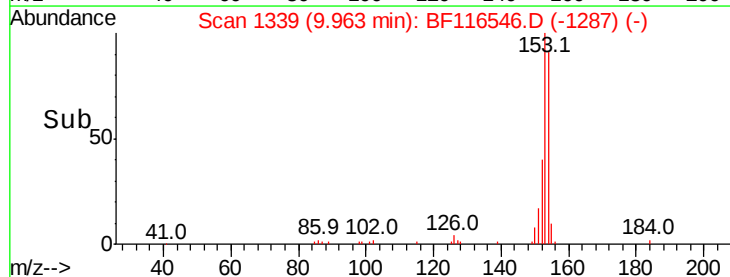
154 5709.6 320.4 480.6#

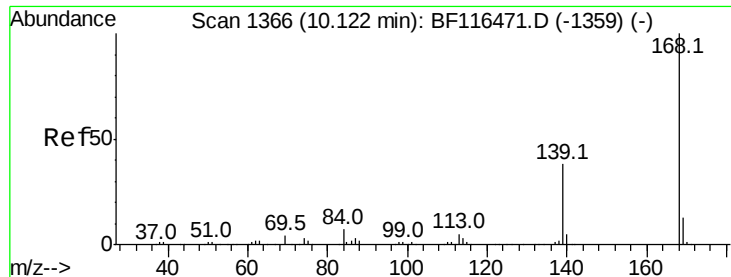


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

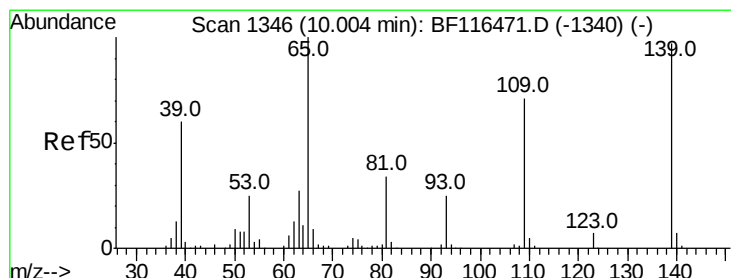
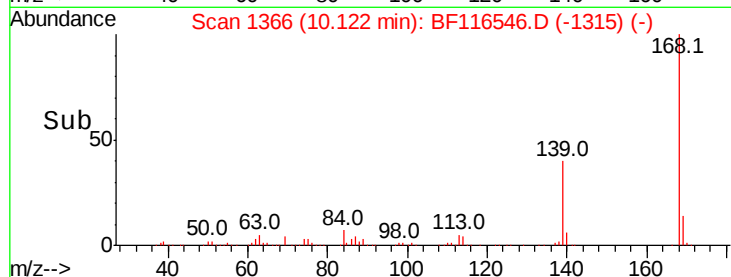
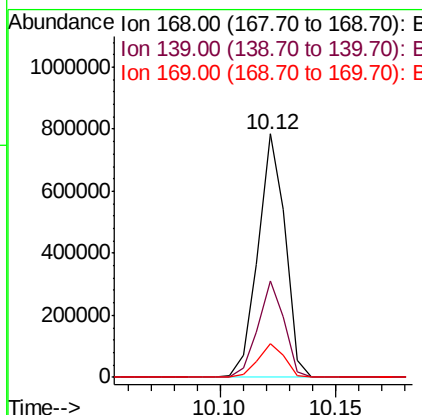
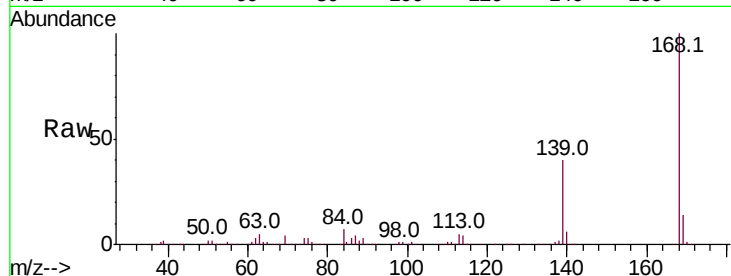




#55
Dibenzenofuran
Concen: 37.748 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

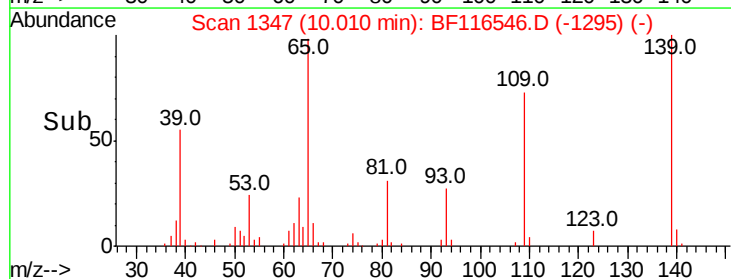
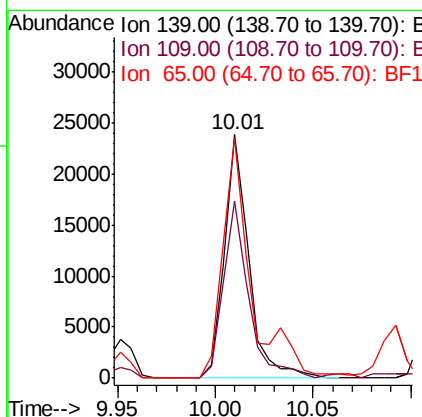
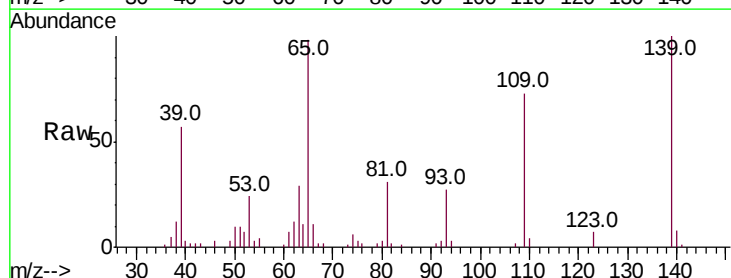
Instrument :
BNA_F
ClientSampled :

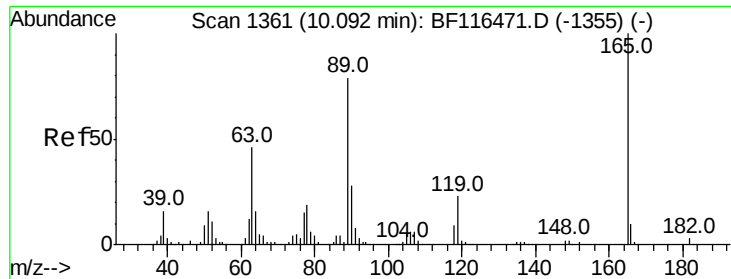
Tot Ion:168 Resp: 644629
Ion Ratio Lower Upper
168 100
139 39.8 30.7 46.1
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 7.448 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:139 Resp: 20748
Ion Ratio Lower Upper
139 100
109 72.6 53.4 93.4
65 98.3 83.0 123.0

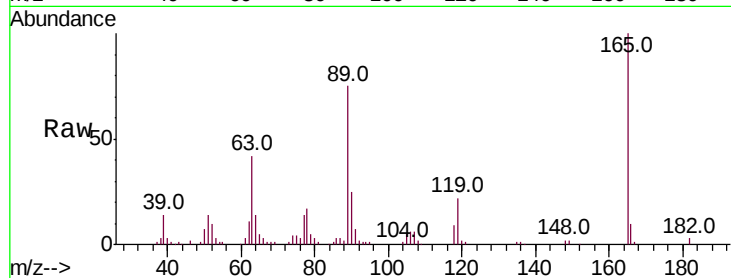




#57
2,4-Dinitrotoluene
Concen: 21.376 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	36.9	55.3
89	74.8	63.4	95.0
182	3.2	2.1	3.1



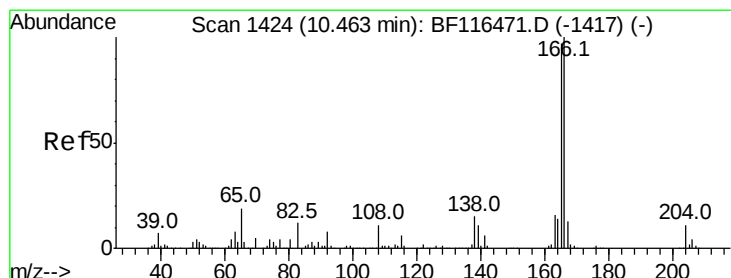
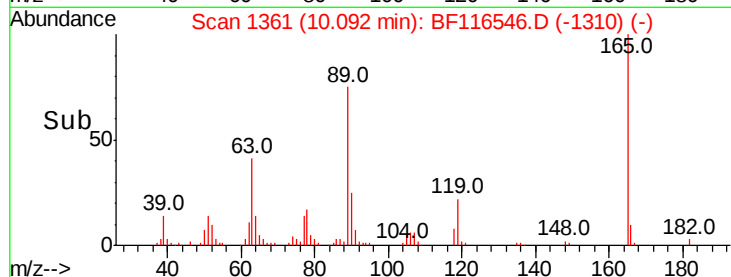
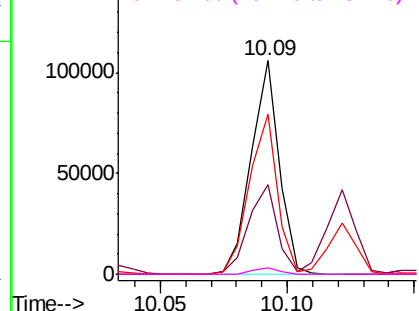
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

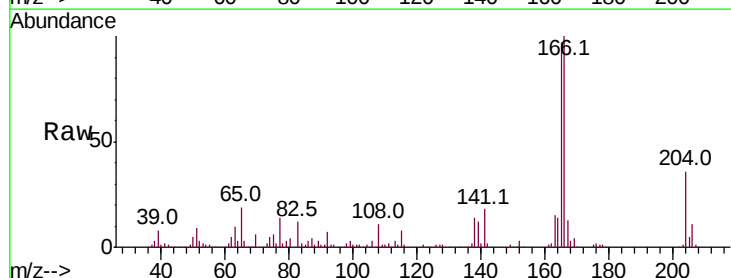
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.440 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.4	116.0
167	13.4	10.8	16.2

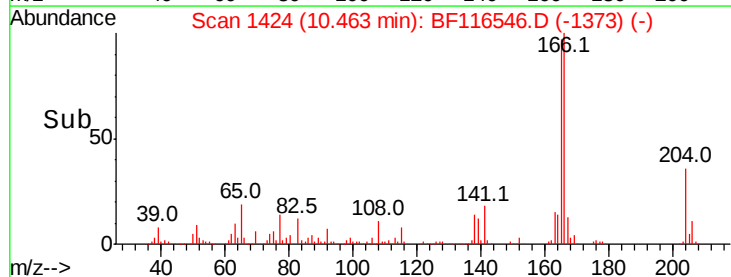
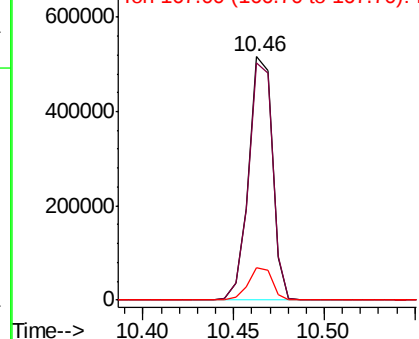


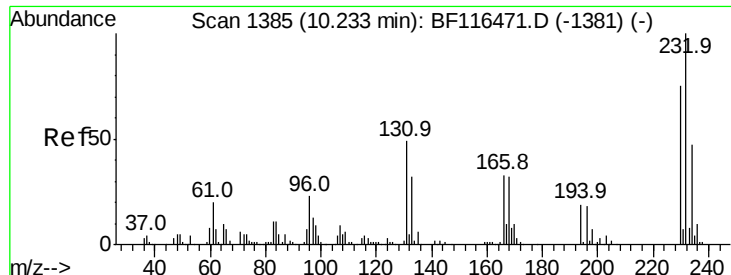
Abundance

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

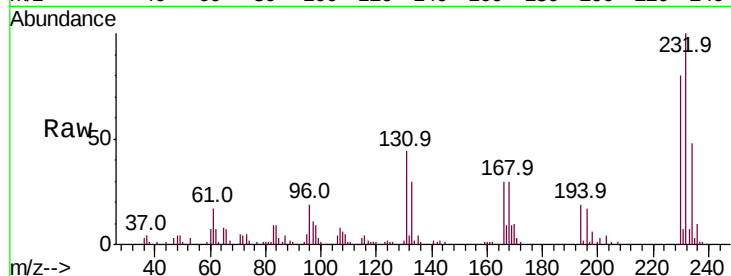




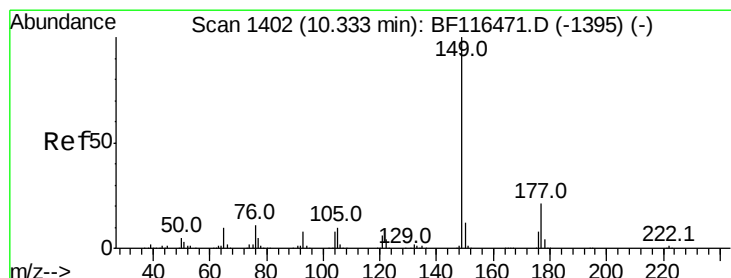
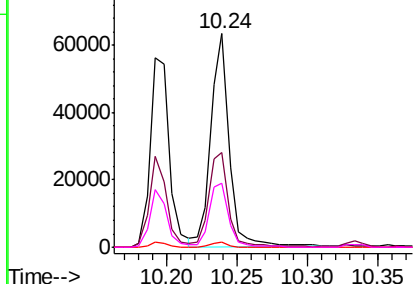
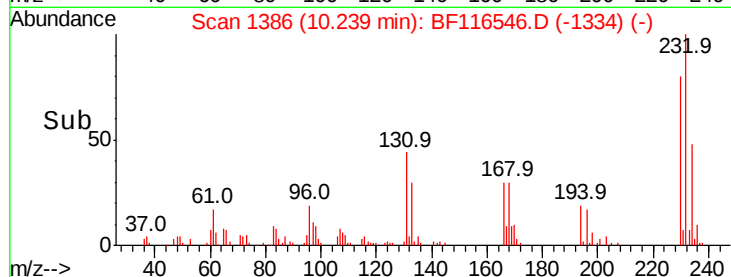
#59
2,3,4,6-Tetrachlorophenol
Concen: 17.331 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 57401
Ion Ratio Lower Upper
232 100
131 48.9 40.8 61.2
130 2.3 1.8 2.8
166 32.1 26.8 40.2

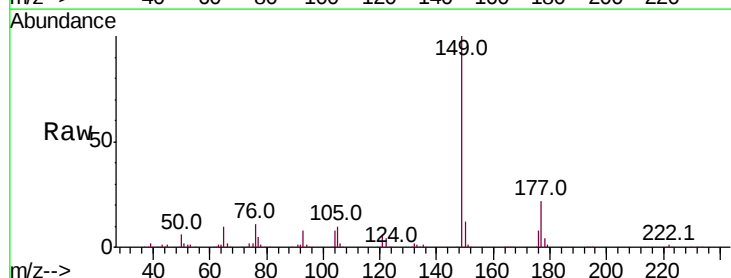


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

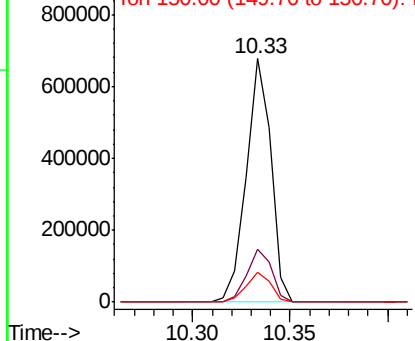
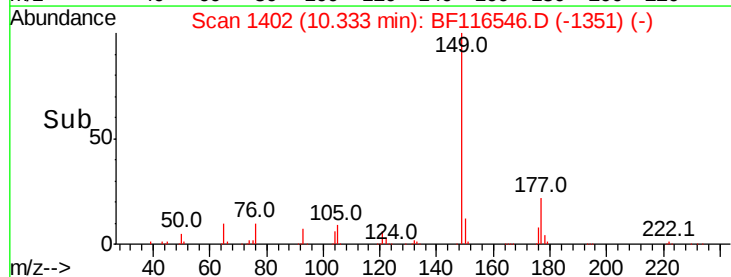


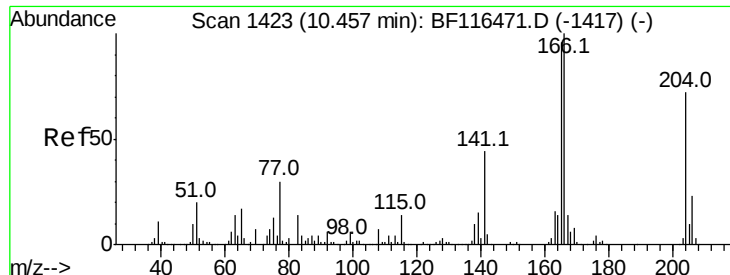
#60
Diethylphthalate
Concen: 41.171 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:149 Resp: 594400
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.2 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

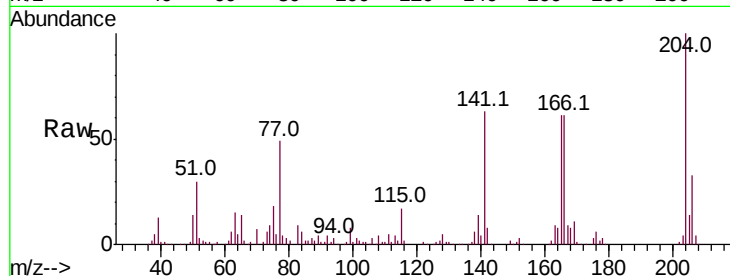




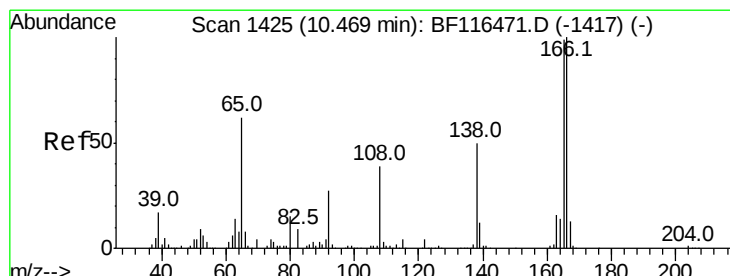
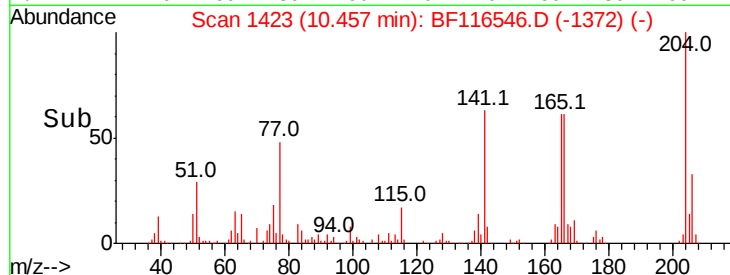
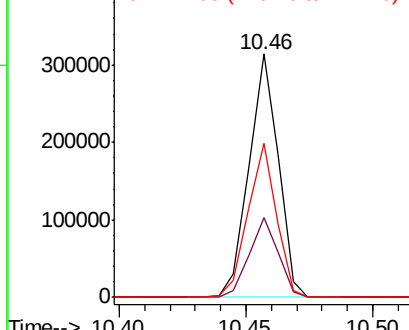
#61
 4-Chlorophenyl-phenylether
 Concen: 39.038 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 252682
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.9 38.9
 141 63.1 48.6 73.0

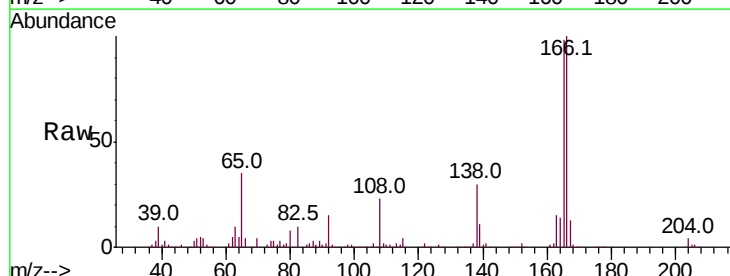


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

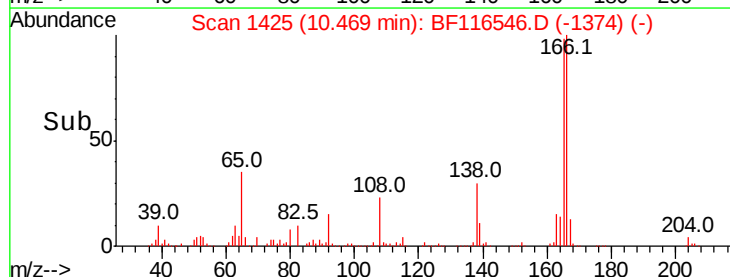
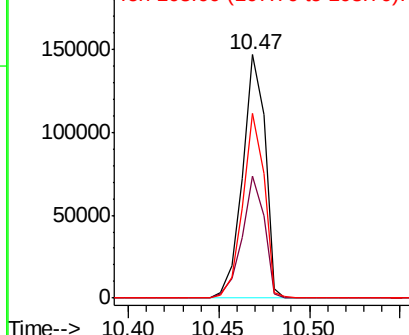


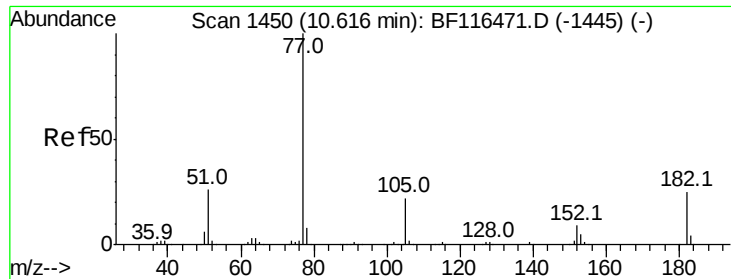
#62
 4-Nitroaniline
 Concen: 36.331 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion:138 Resp: 127345
 Ion Ratio Lower Upper
 138 100
 92 50.2 34.9 74.9
 108 76.1 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

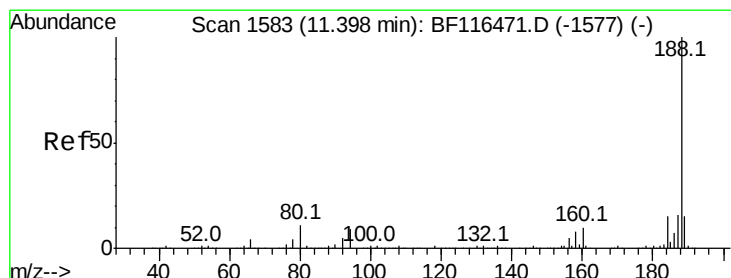
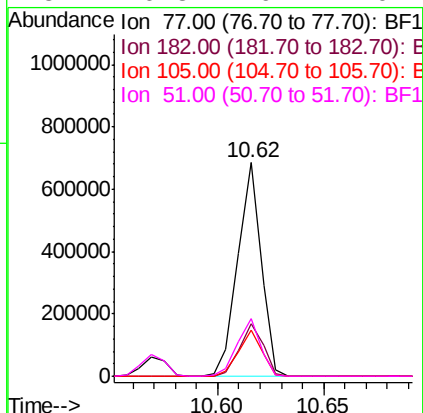
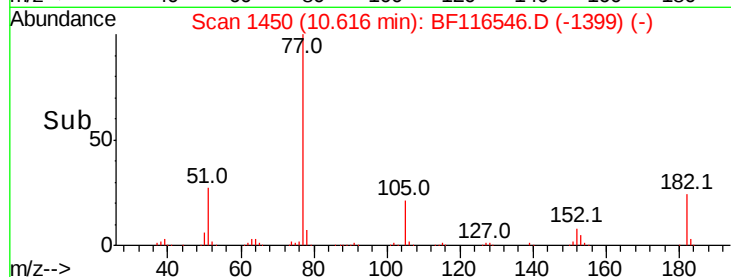
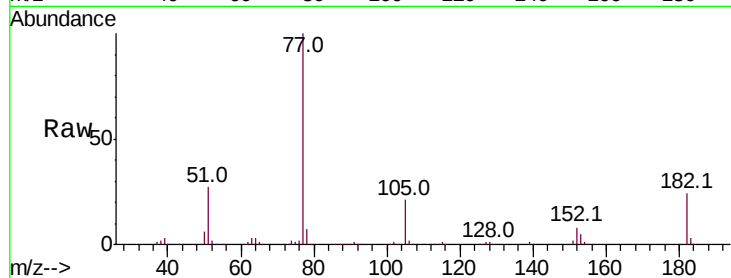




#63
Azobenzene
Concen: 35.292 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

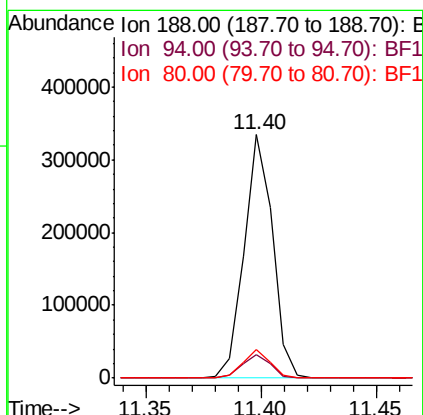
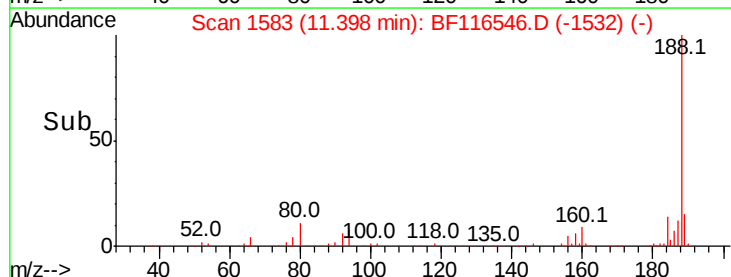
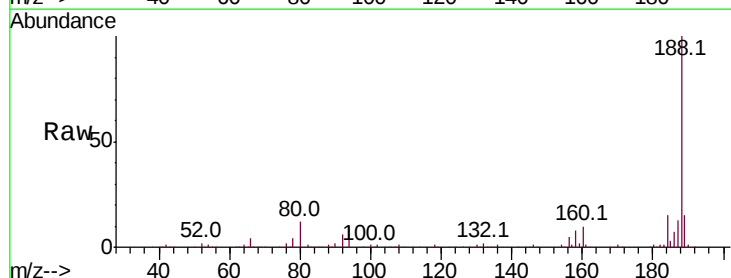
Instrument :
BNA_F
ClientSampled :

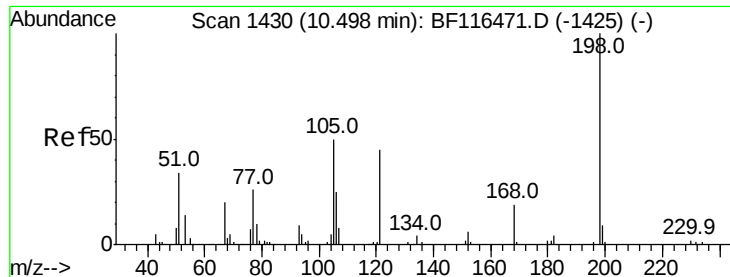
Tot Ion:	77	Resp:	523892
Ion	Ratio	Lower	Upper
77	100		
182	24.4	5.4	45.4
105	21.4	1.6	41.6
51	26.8	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:	188	Resp:	288555
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	11.7	8.6	12.8

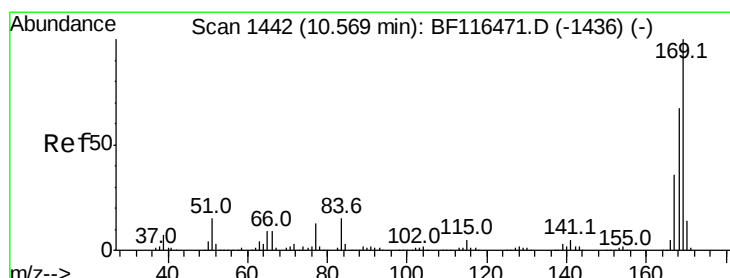
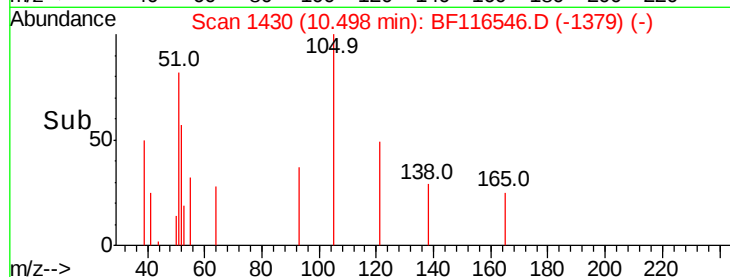
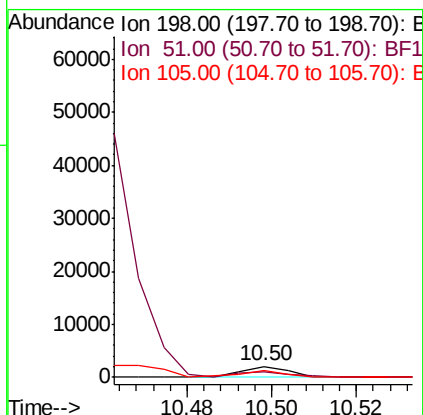
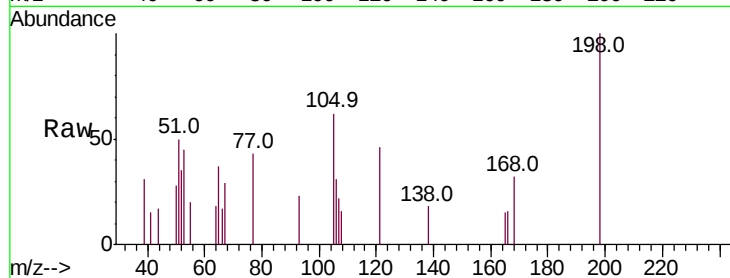




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.107 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

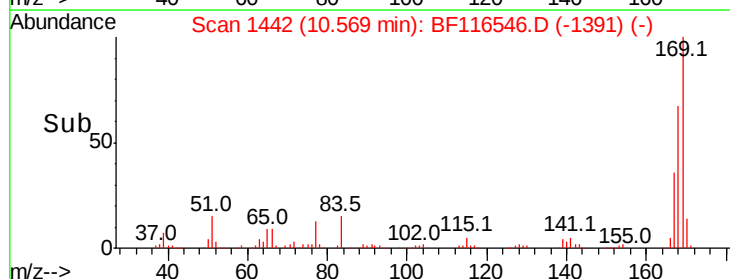
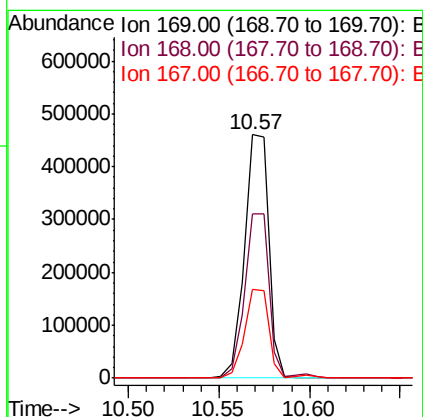
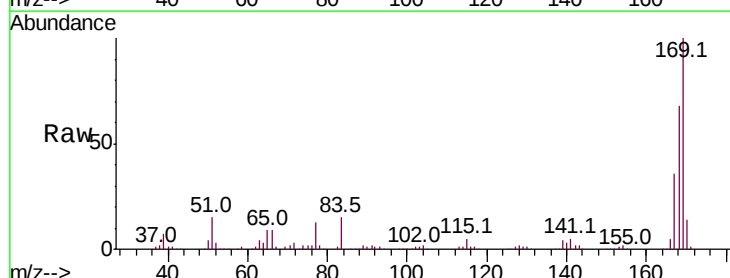
Instrument :
 BNA_F
 ClientSampleId :

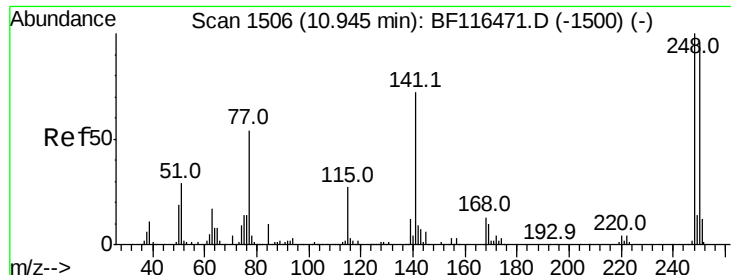
Tot Ion:198 Resp: 1527
 Ion Ratio Lower Upper
 198 100
 51 50.4 30.4 70.4
 105 61.8 32.8 72.8



#66
 n-Nitrosodiphenylamine
 Concen: 45.617 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion:169 Resp: 426219
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.6 80.4
 167 36.4 28.7 43.1

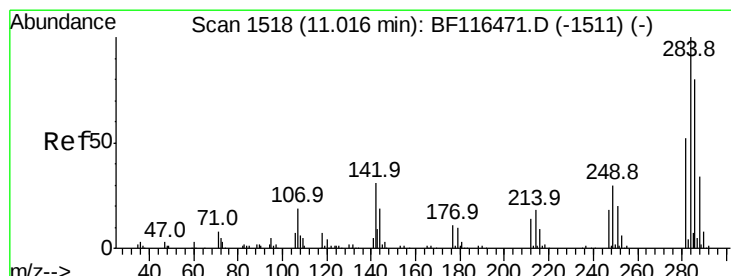
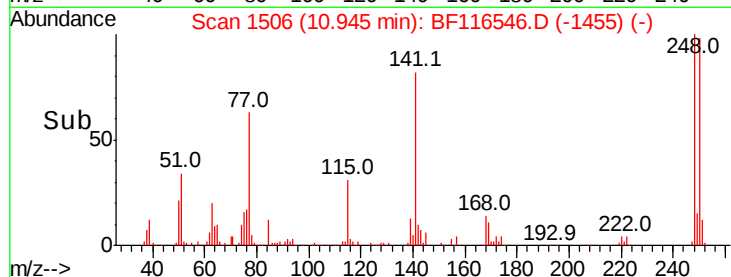
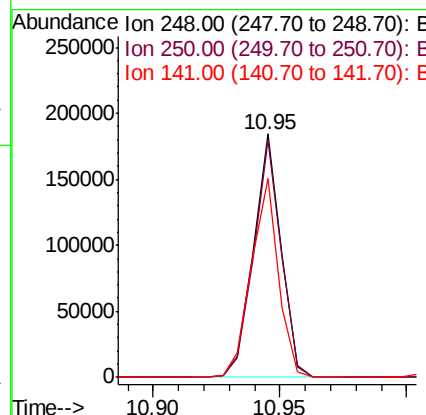
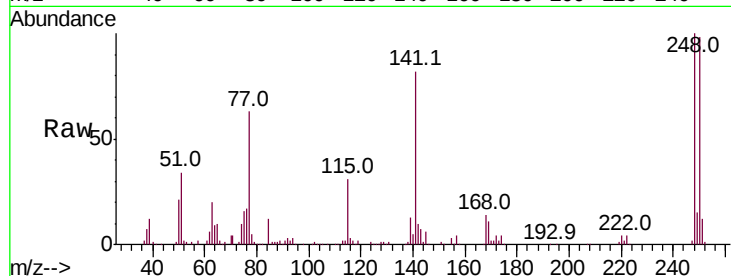




#67
 4-Bromophenyl-phenylether
 Concen: 46.046 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

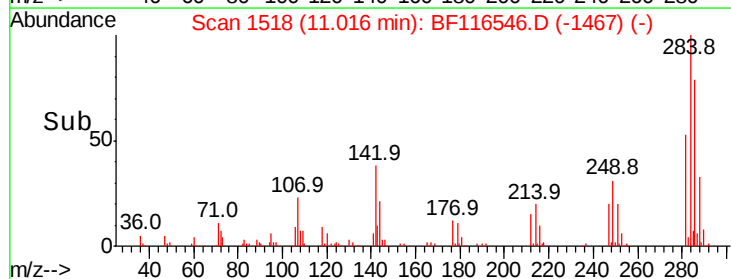
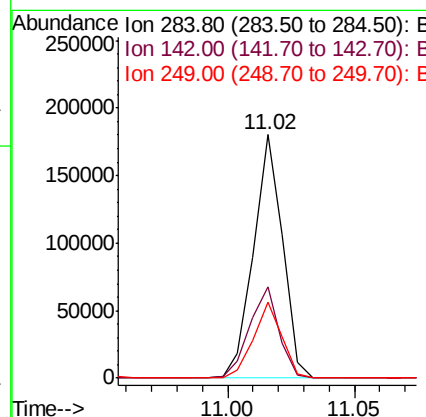
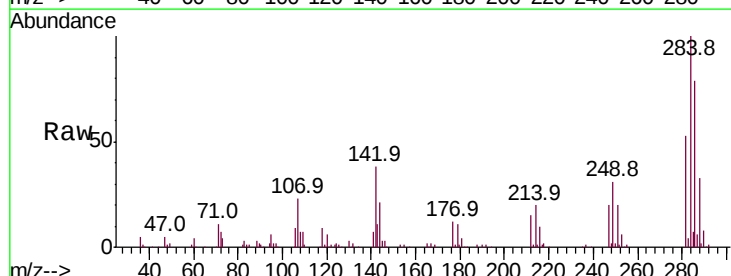
Instrument :
 BNA_F
 ClientSampleId :

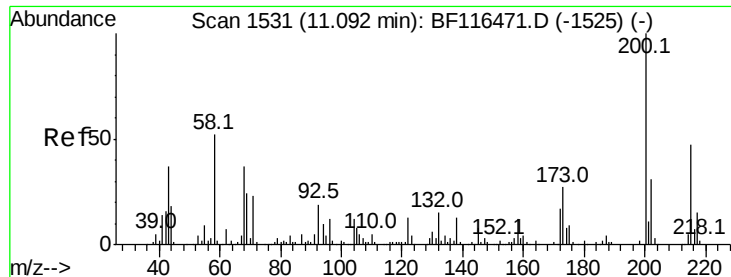
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	81.9	57.4	86.0



#68
 Hexachlorobenzene
 Concen: 43.092 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	24.6	36.8#
249	31.4	24.1	36.1

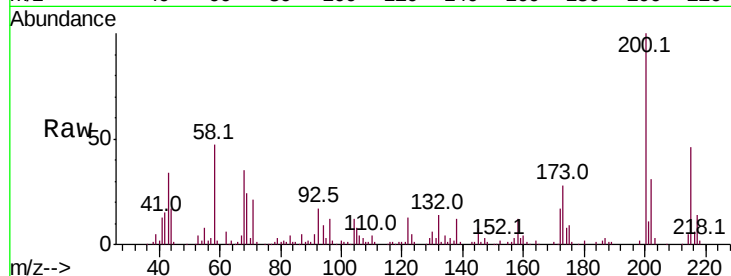




#69
 Atrazine
 Concen: 37.621 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.3	47.3
215	45.9	26.7	66.7

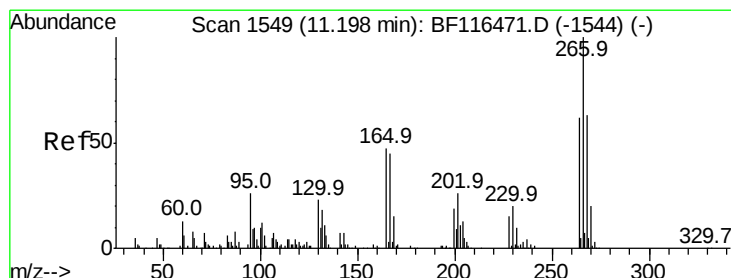
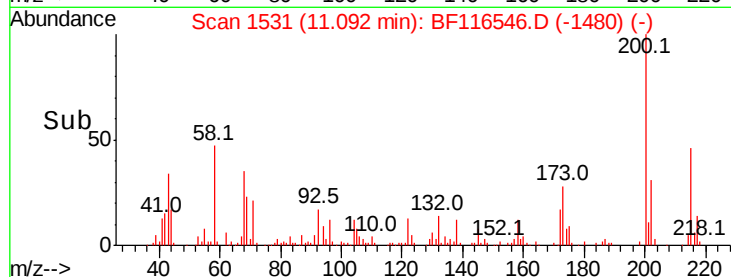
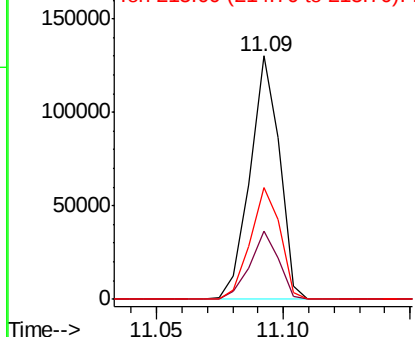


Abundance

Ion 200.00 (199.70 to 200.70): E

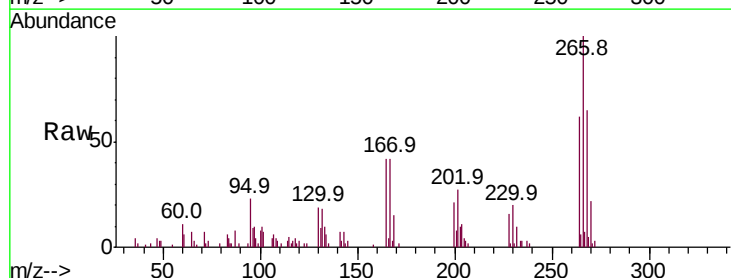
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 11.259 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.7	76.1
264	62.3	50.0	75.0

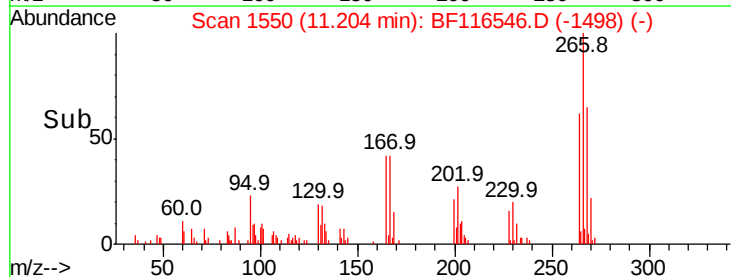
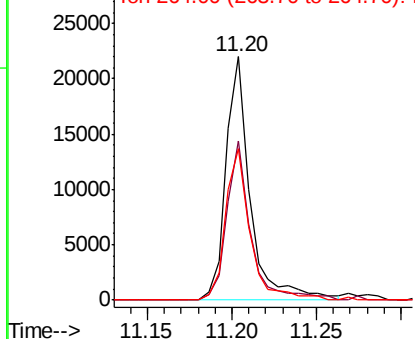


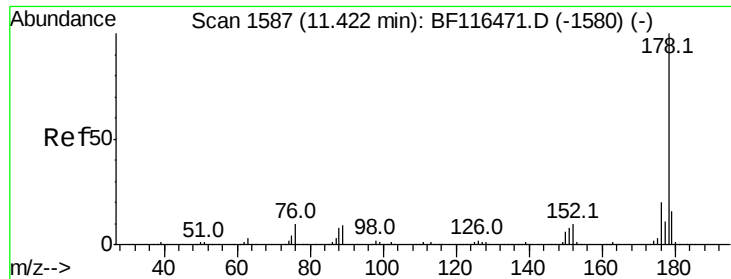
Abundance

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

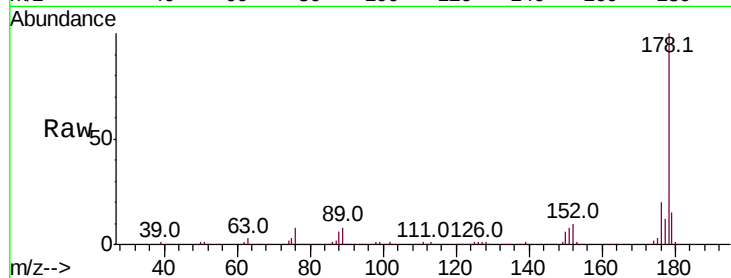




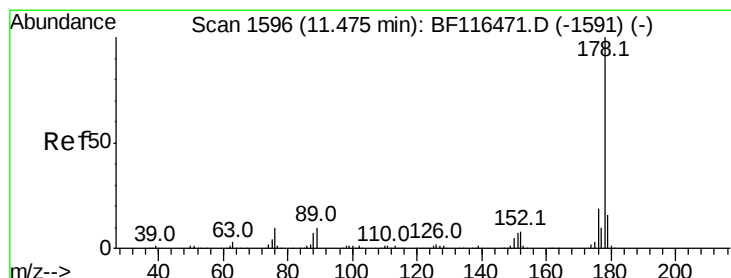
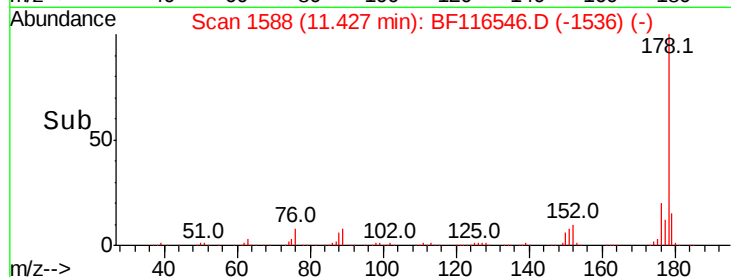
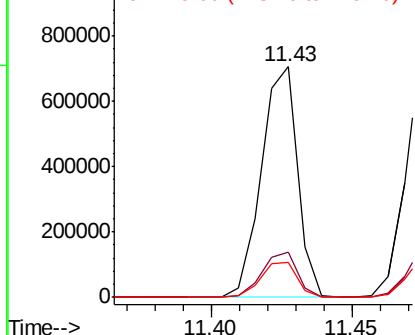
#71
Phenanthrene
Concen: 39.956 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 628078
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.8 19.2

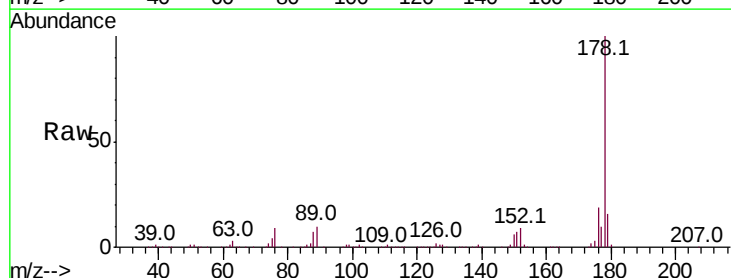


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

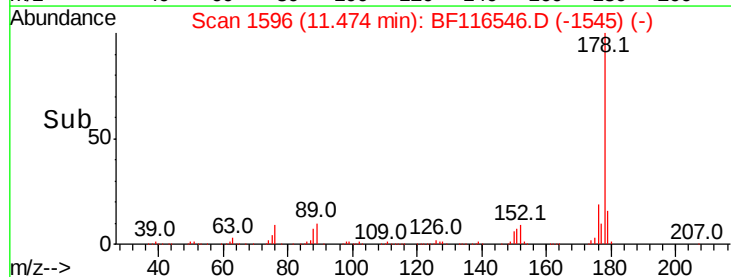
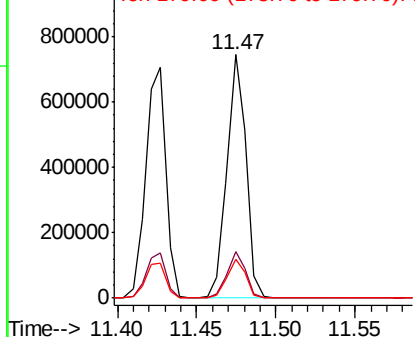


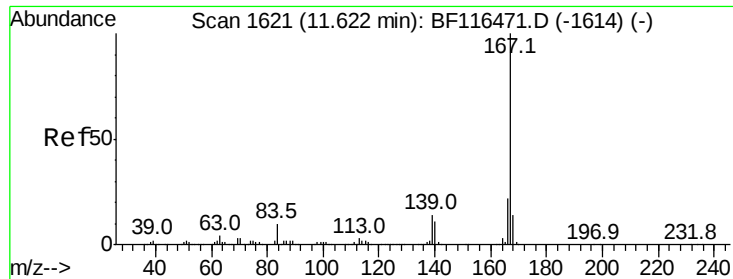
#72
Anthracene
Concen: 39.210 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:178 Resp: 619343
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.8 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

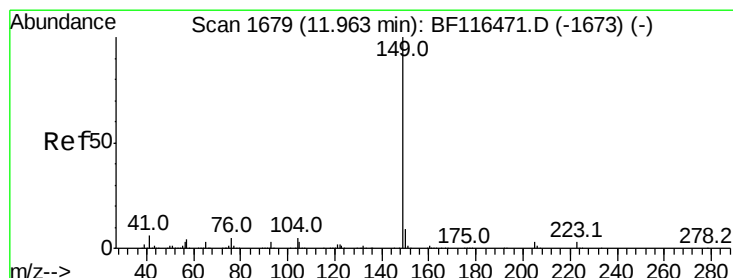
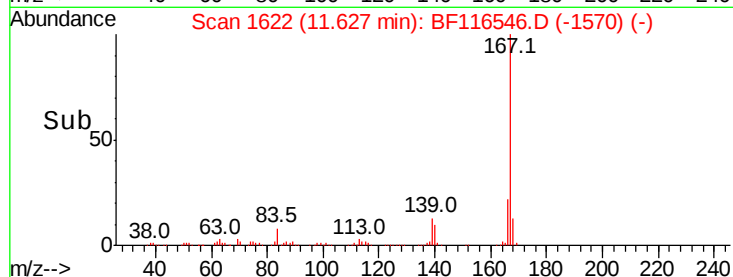
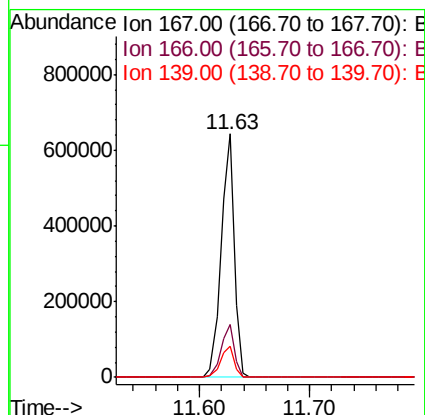
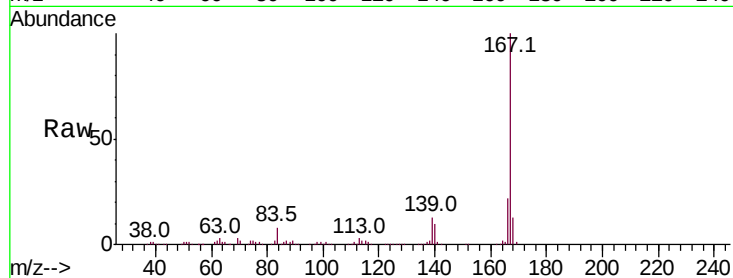




#73
 Carbazole
 Concen: 37.569 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

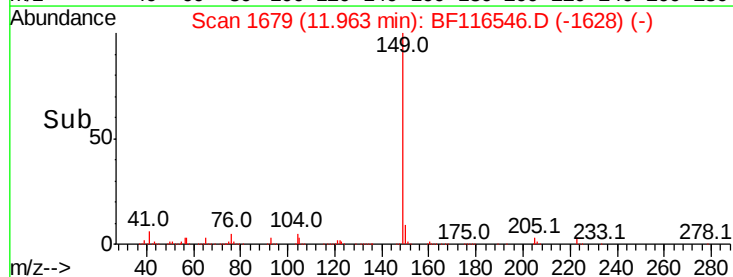
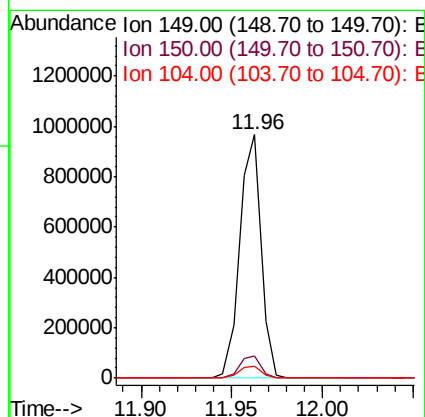
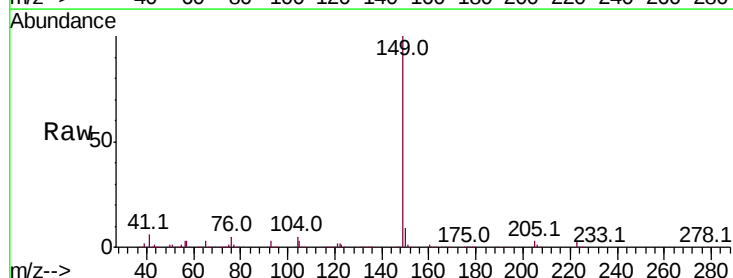
Instrument :
 BNA_F
 ClientSampleId :

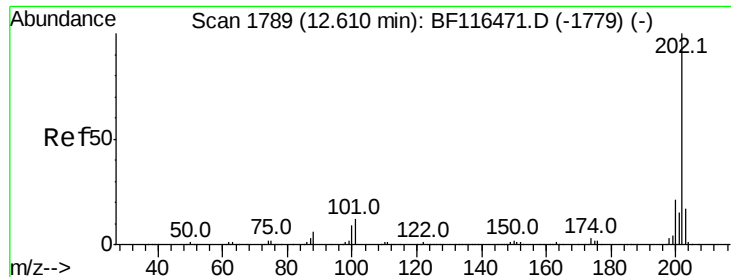
Tot Ion:167 Resp: 532676
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.046 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion:149 Resp: 791436
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1

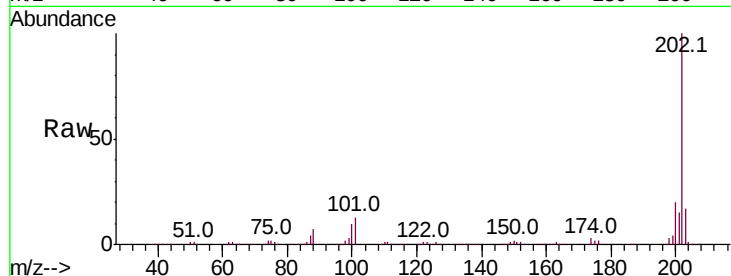




#75
 Fluoranthene
 Concen: 36.685 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	596183		
101	12.7		0.0	31.5
203	17.1		0.0	37.5

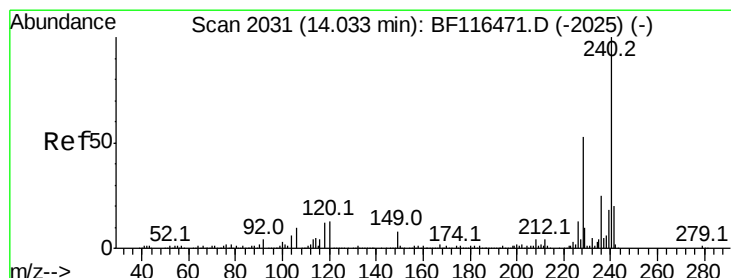
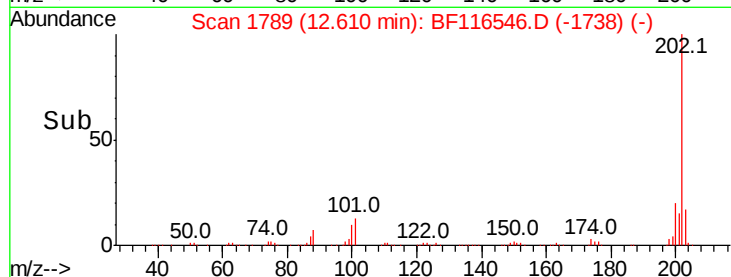
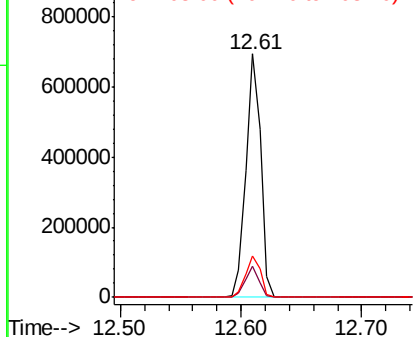


Abundance

Ion 202.00 (201.70 to 202.70): E

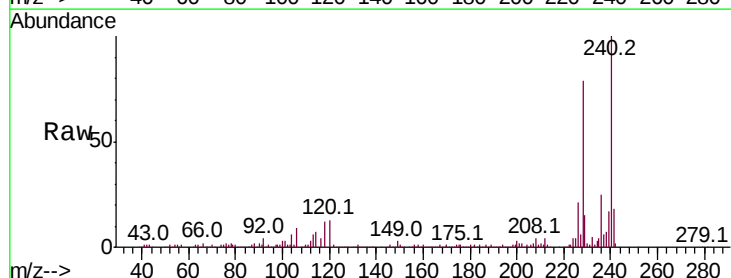
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116546.D
 Acq: 26 Aug 2019 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	201992		
120	13.4		10.5	15.7
236	24.8		20.2	30.2

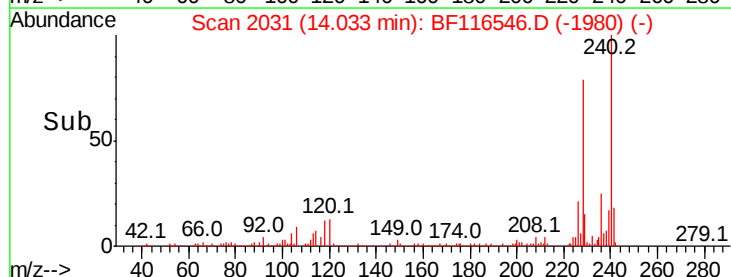
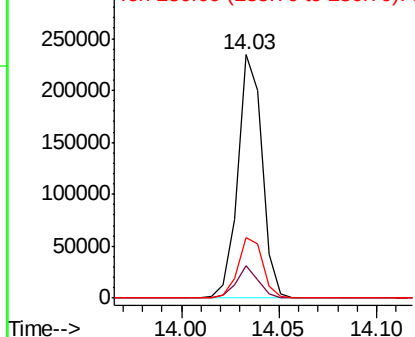


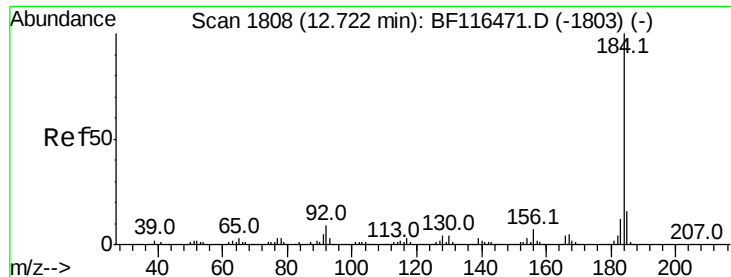
Abundance

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: 19.353 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

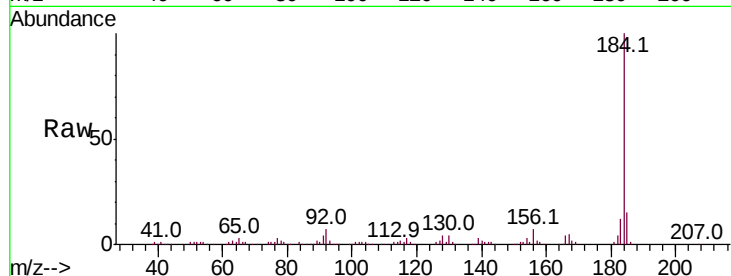
Tot Ion:184 Resp: 157279

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.4

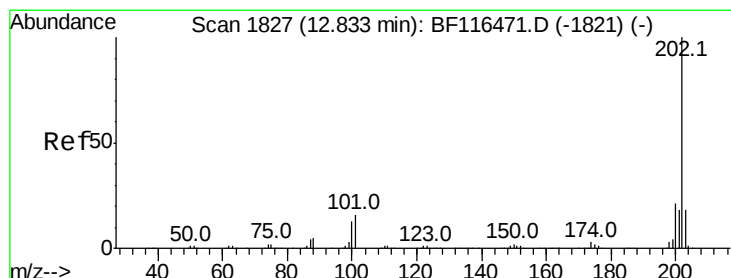
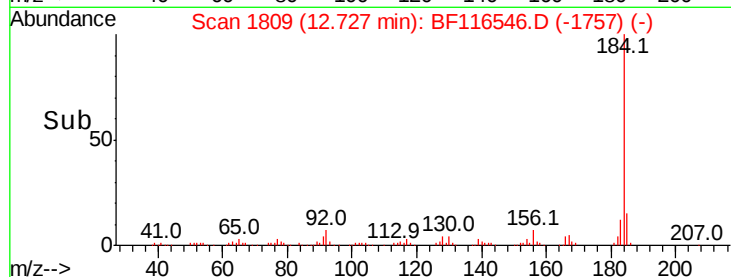
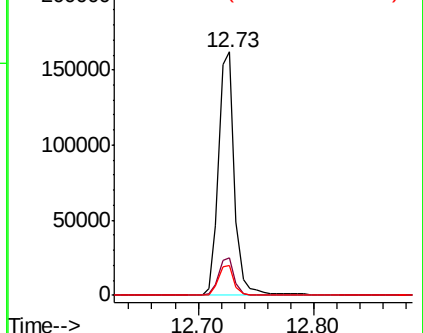
183 12.5 9.8 14.6



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: 36.611 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

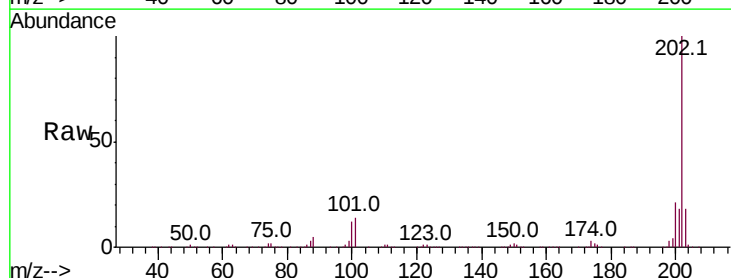
Tgt Ion:202 Resp: 591404

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

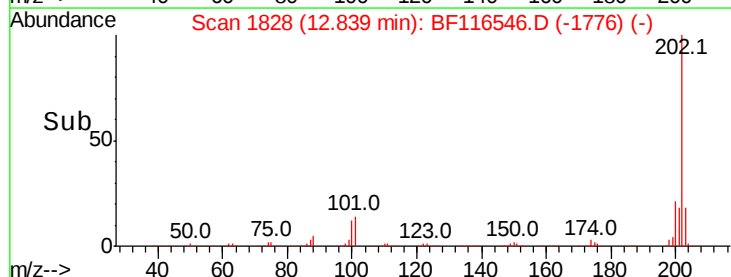
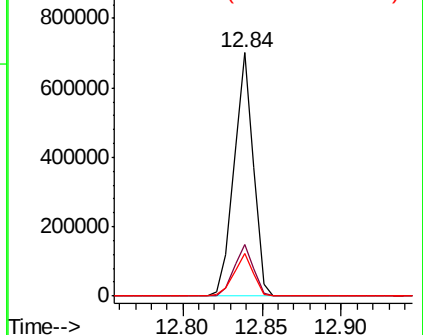
203 17.8 14.2 21.4

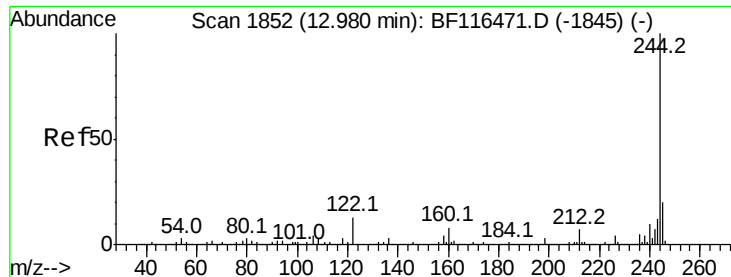


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.765 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

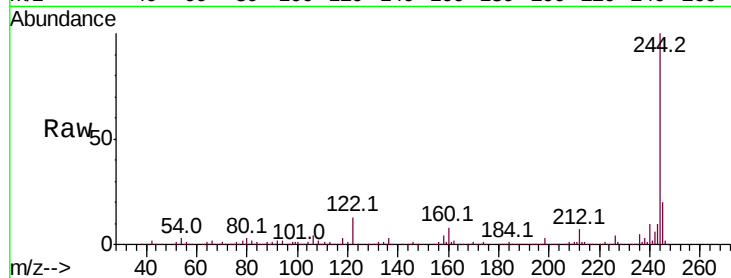
Tot Ion:244 Resp: 862567

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

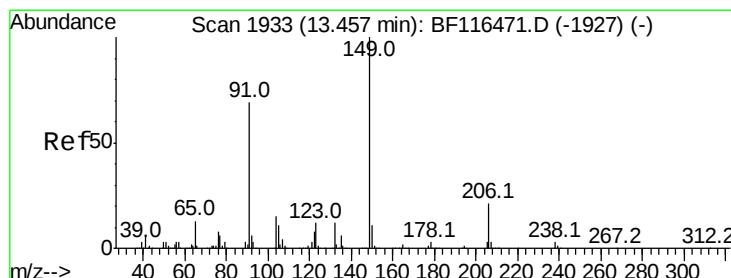
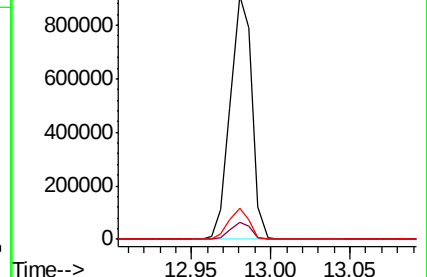
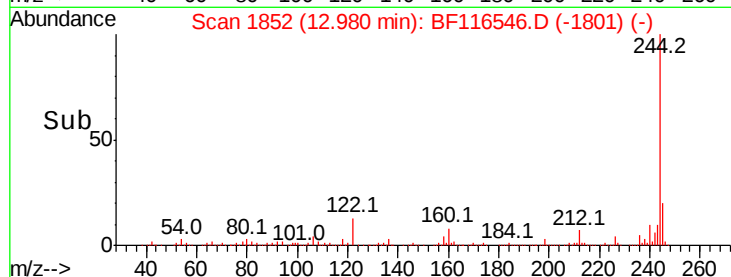
122 12.7 10.2 15.4



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: 40.824 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

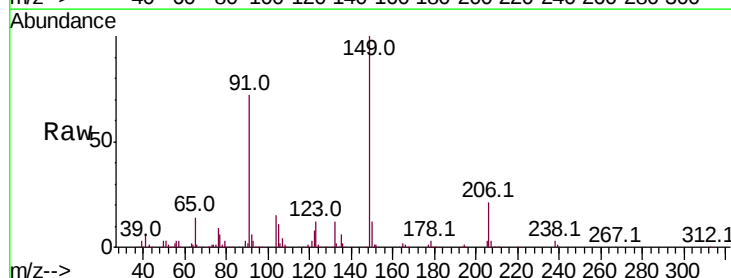
Tgt Ion:149 Resp: 284797

Ion Ratio Lower Upper

149 100

91 71.8 54.9 82.3

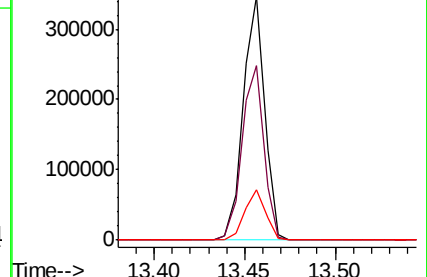
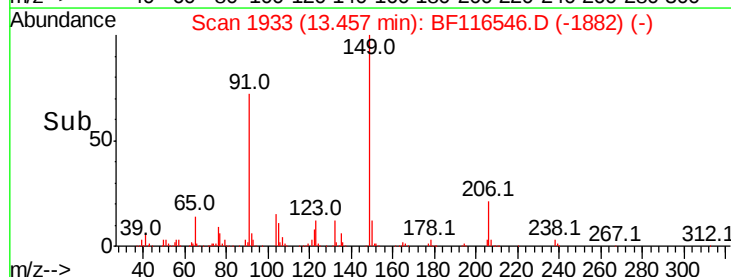
206 20.9 16.6 24.8

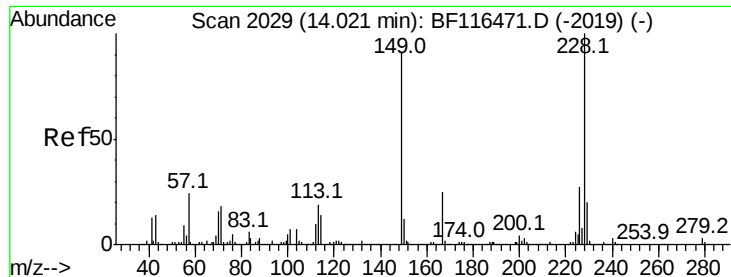


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

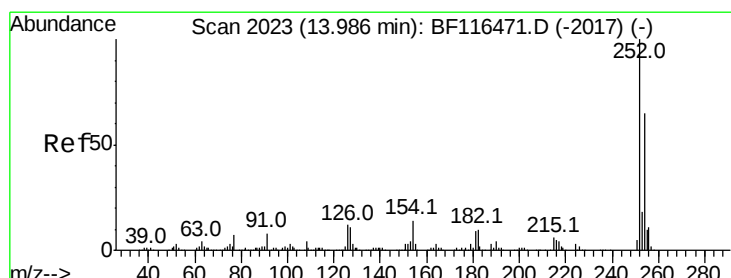
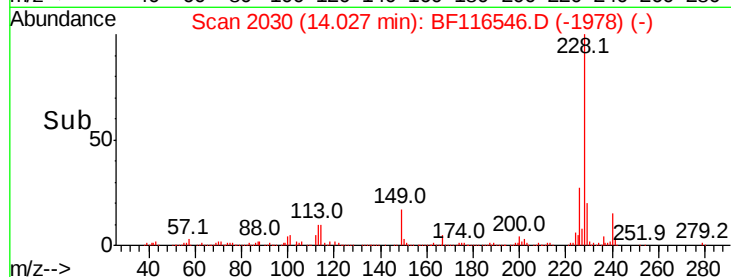
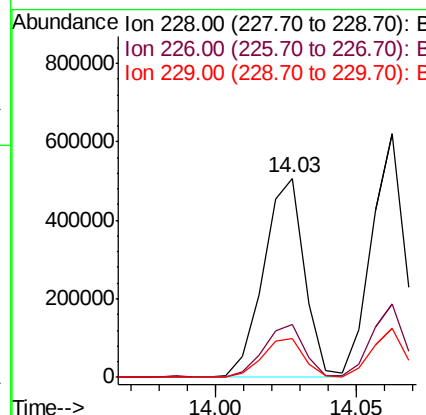
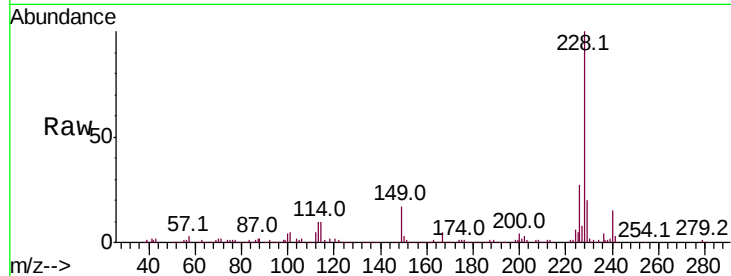




#81
Benzo(a)anthracene
Concen: 38.999 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

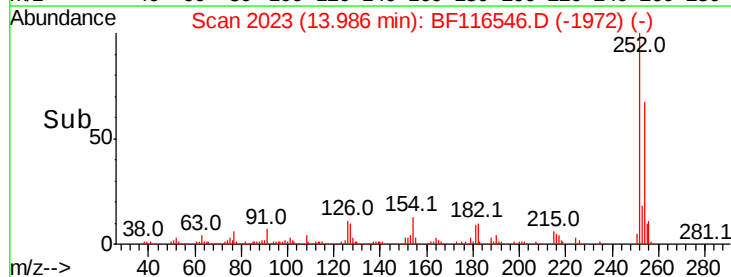
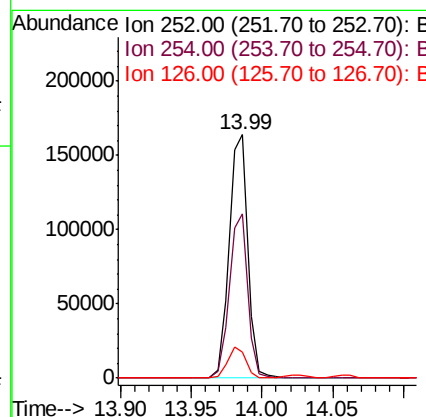
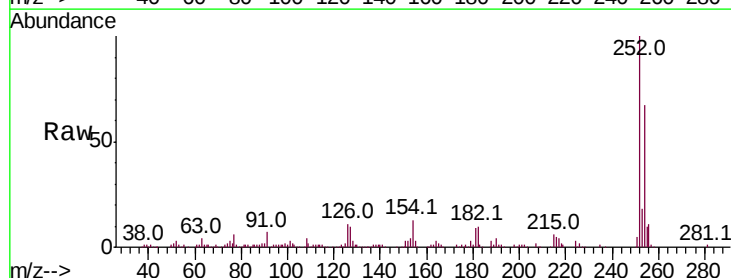
Instrument :
BNA_F
ClientSampleId :

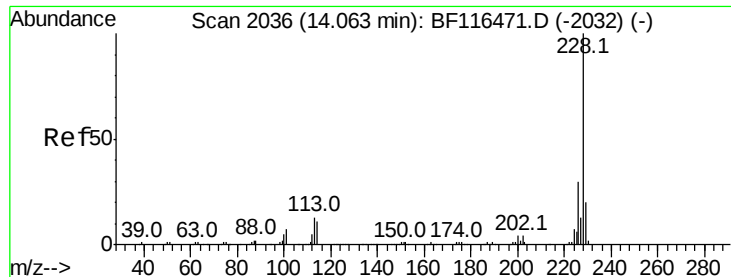
Tot Ion:228 Resp: 510193
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.6
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 32.402 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:252 Resp: 151059
Ion Ratio Lower Upper
252 100
254 67.4 51.9 77.9
126 10.6 9.4 14.0





#83

Chrvsene

Concen: 37.726 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

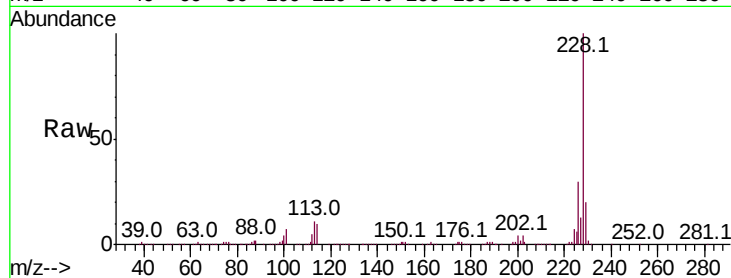
Tot Ion:228 Resp: 500233

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

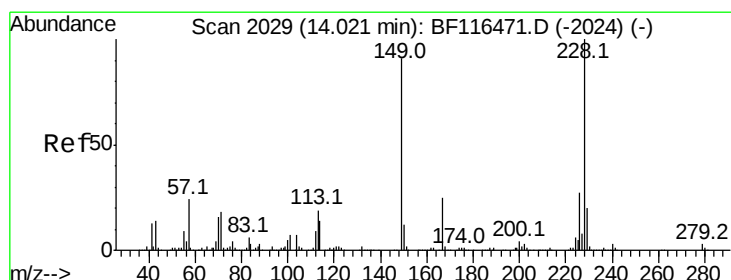
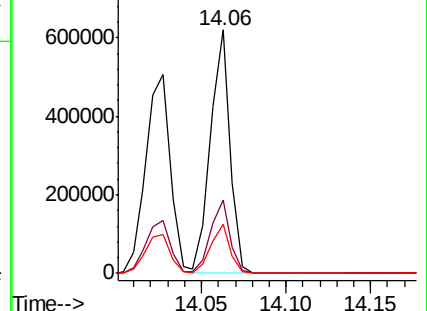
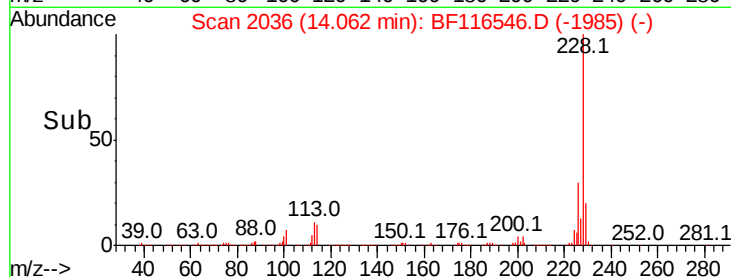
229 20.0 15.8 23.6



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: 43.490 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

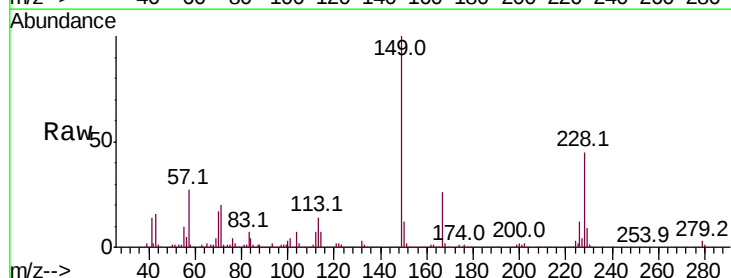
Tgt Ion:149 Resp: 404556

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

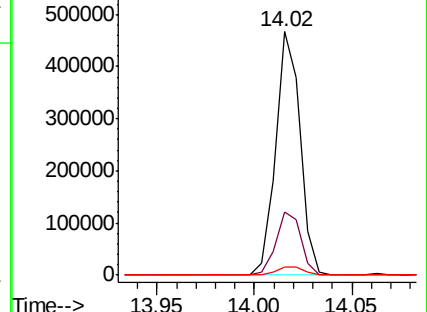
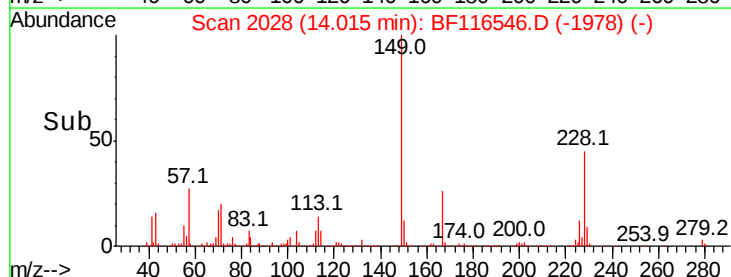
279 3.3 3.0 4.4

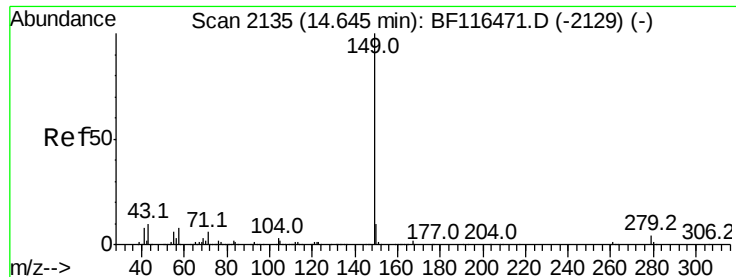


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

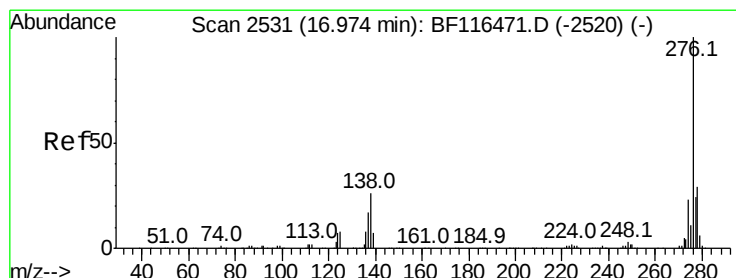
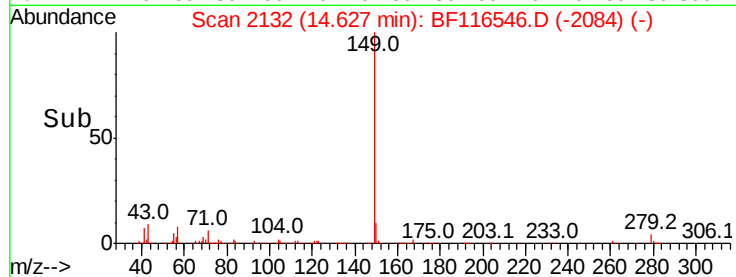
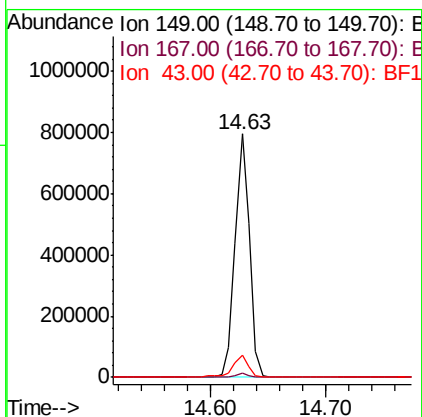
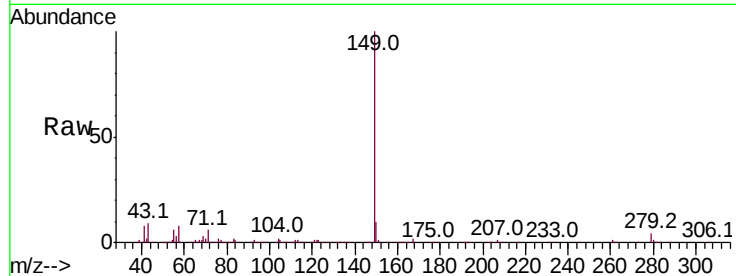




#85
Di-n-octyl phthalate
Concen: 43.258 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

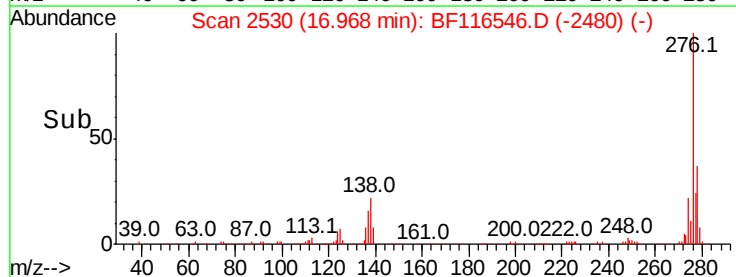
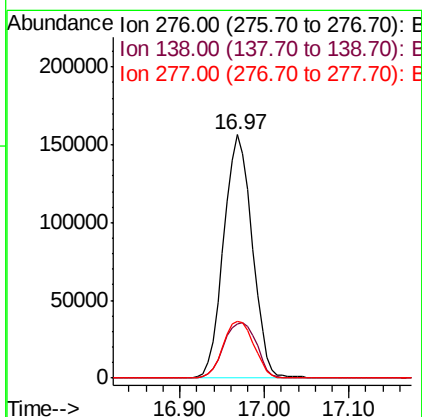
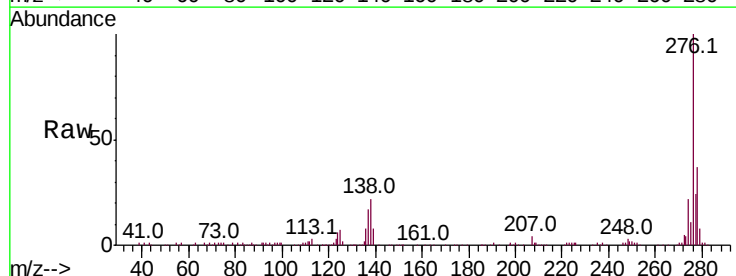
Instrument :
BNA_F
ClientSampleId :

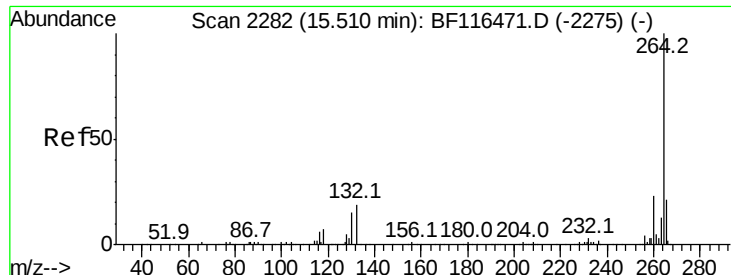
Tot Ion:149 Resp: 683161
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.175 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:276 Resp: 365466
Ion Ratio Lower Upper
276 100
138 26.4 22.9 34.3
277 25.4 19.9 29.9

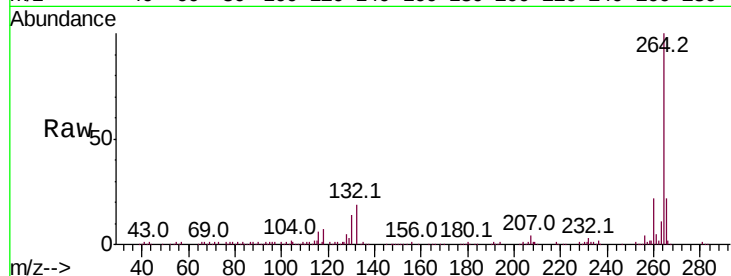




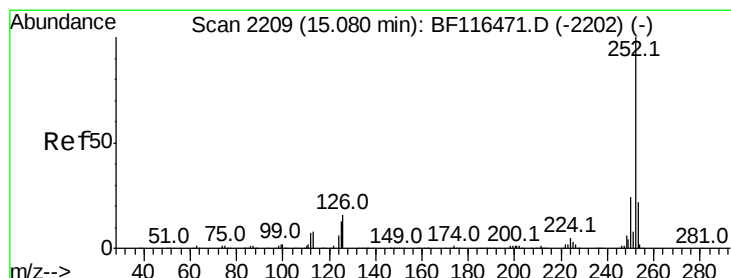
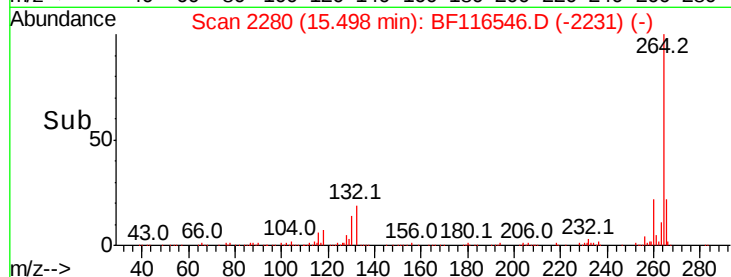
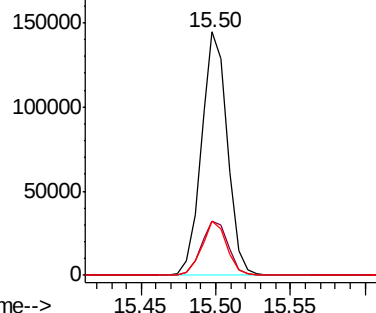
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 176039
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 22.0 17.1 25.7

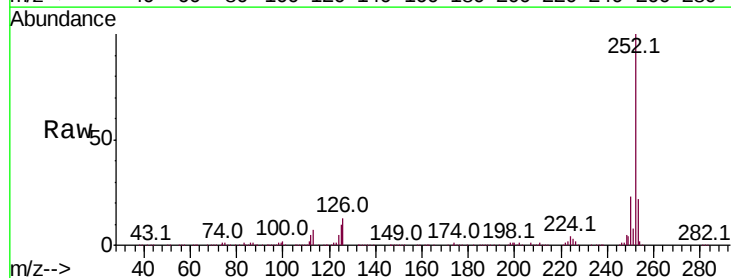


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

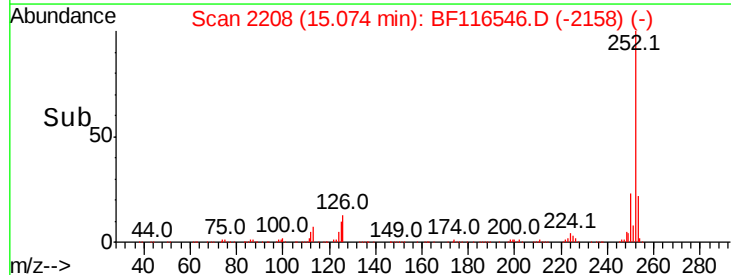
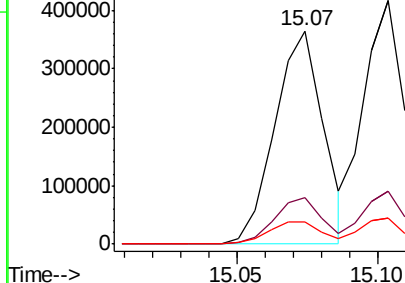


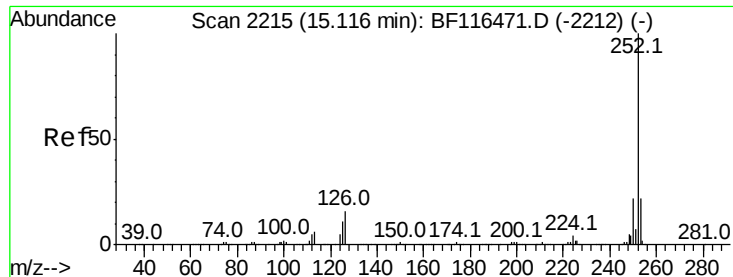
#88
Benzo(b)fluoranthene
Concen: 39.988 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:252 Resp: 434860
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

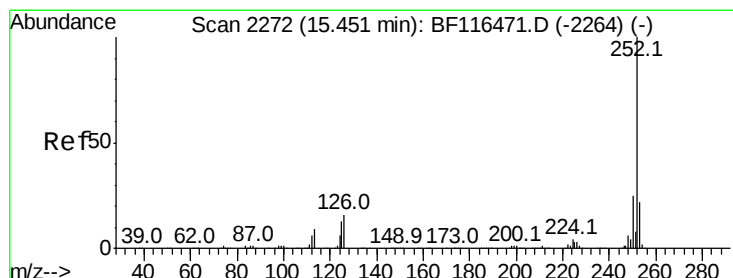
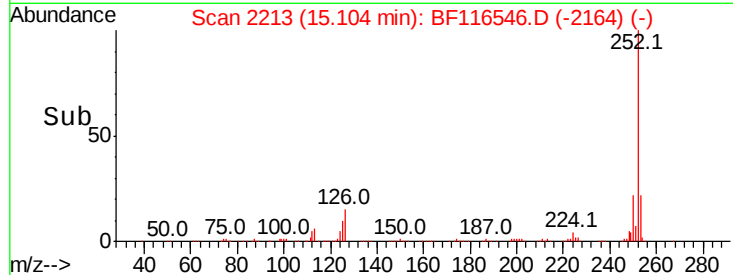
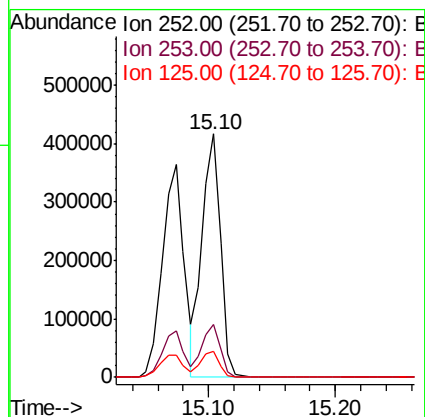
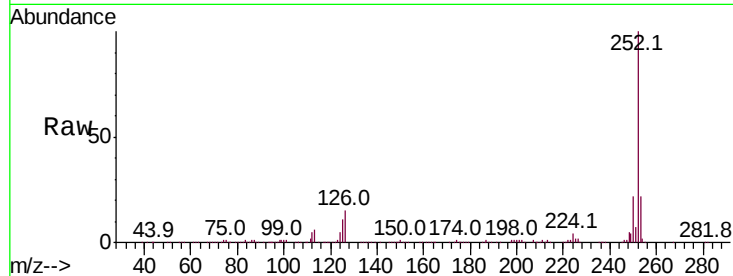




#89
Benzo(k)fluoranthene
Concen: 42.642 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

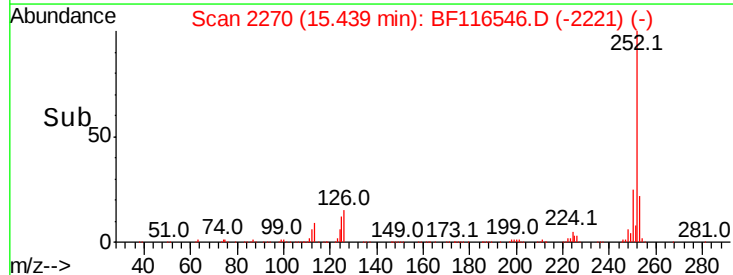
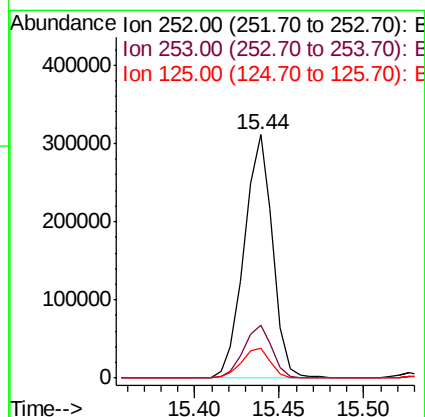
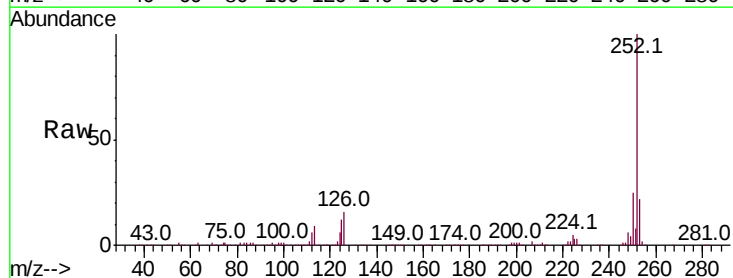
Instrument :
BNA_F
ClientSampleId :

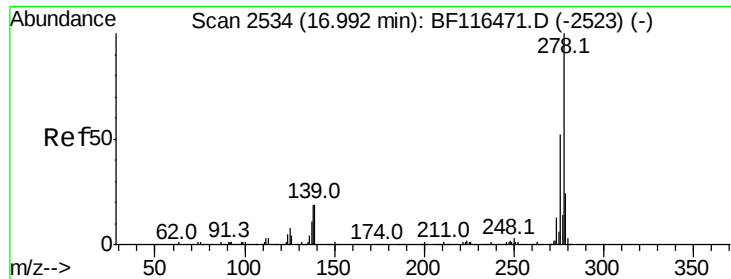
Tot Ion:252 Resp: 420111
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 37.985 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116546.D
Acq: 26 Aug 2019 00:27

Tgt Ion:252 Resp: 365084
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.2 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 38.184 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

Instrument :

BNA_F

ClientSampleId :

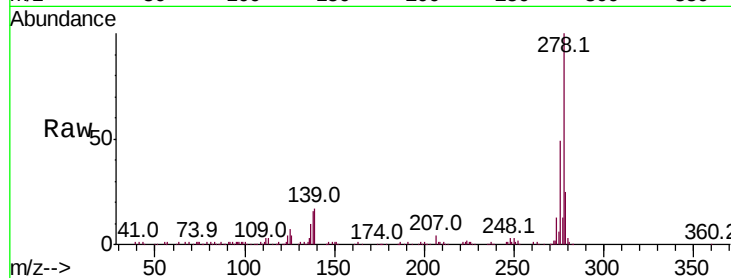
Tot Ion:278 Resp: 301569

Ion Ratio Lower Upper

278 100

139 16.8 15.3 22.9

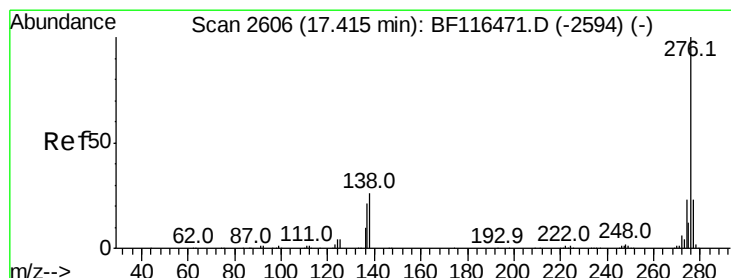
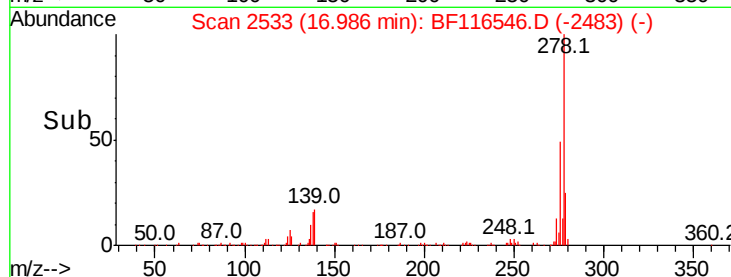
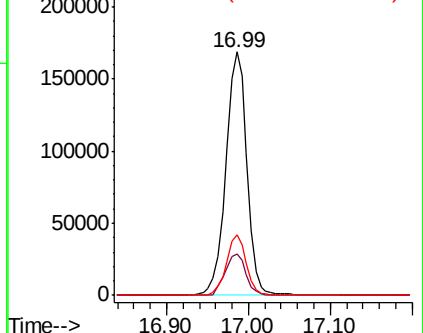
279 24.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.341 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF116546.D

Acq: 26 Aug 2019 00:27

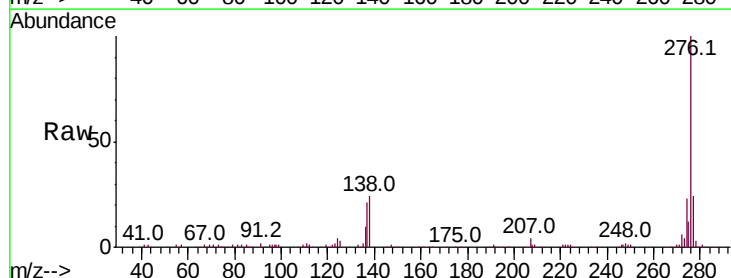
Tgt Ion:276 Resp: 288680

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 24.4 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

