

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112135.D
 Acq On : 18 Jan 2019 20:09
 Operator : JU/SJ
 Sample : PB116493BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Quant Time: Jan 18 23:38:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264869	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1028605	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	518486	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	975279	20.00	ng	0.00
76) Chrysene-d12	14.03	240	604241	20.00	ng	0.00
87) Perylene-d12	15.49	264	563740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1745064	119.58	ng	0.00
7) Phenol-d6	6.51	99	2165919	118.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1348894	90.60	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	717627	128.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2729412	77.18	ng	0.00
79) Terphenyl-d14	12.97	244	2600875	91.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	233140	34.064	ng	98
3) Pyridine	3.45	79	636382	37.125	ng	98
4) n-Nitrosodimethylamine	3.39	42	290769	41.778	ng	99
6) Aniline	6.52	93	644217	29.010	ng	# 41
8) 2-Chlorophenol	6.65	128	702347	41.440	ng	98
9) Benzaldehyde	6.40	77	196473	15.892	ng	96
10) Phenol	6.52	94	784090	39.294	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	623858	39.321	ng	99
12) 1,3-Dichlorobenzene	6.80	146	771309	39.878	ng	99
13) 1,4-Dichlorobenzene	6.87	146	782265	39.539	ng	99
14) 1,2-Dichlorobenzene	7.03	146	733570	40.253	ng	97
15) Benzyl Alcohol	7.00	79	576825	42.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	834599	36.478	ng	95
17) 2-Methylphenol	7.12	107	555229	43.622	ng	95
18) Hexachloroethane	7.37	117	267107	40.450	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	462537	41.584	ng	98
20) 3+4-Methylphenols	7.27	107	687827	44.570	ng	# 68
22) Acetophenone	7.26	105	907481	38.081	ng	98
24) Nitrobenzene	7.44	77	701204	44.440	ng	97
25) Isophorone	7.68	82	1261952	43.884	ng	97
26) 2-Nitrophenol	7.76	139	380939	47.122	ng	99
27) 2,4-Dimethylphenol	7.80	122	616697	46.200	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	808140	40.969	ng	100
29) 2,4-Dichlorophenol	8.00	162	622359	42.680	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	674749	39.873	ng	99
31) Naphthalene	8.16	128	2011440	42.994	ng	99
32) Benzoic acid	7.93	122	300192	48.525	ng	95
33) 4-Chloroaniline	8.21	127	431132	20.505	ng	99
34) Hexachlorobutadiene	8.28	225	369340	39.219	ng	99
35) Caprolactam	8.61	113	67379	13.202	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	616066	43.257	ng	99
37) 2-Methylnaphthalene	8.86	142	1430903	45.041	ng	99
38) 1-Methylnaphthalene	8.96	142	1340742	43.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	667816	40.111	ng	99

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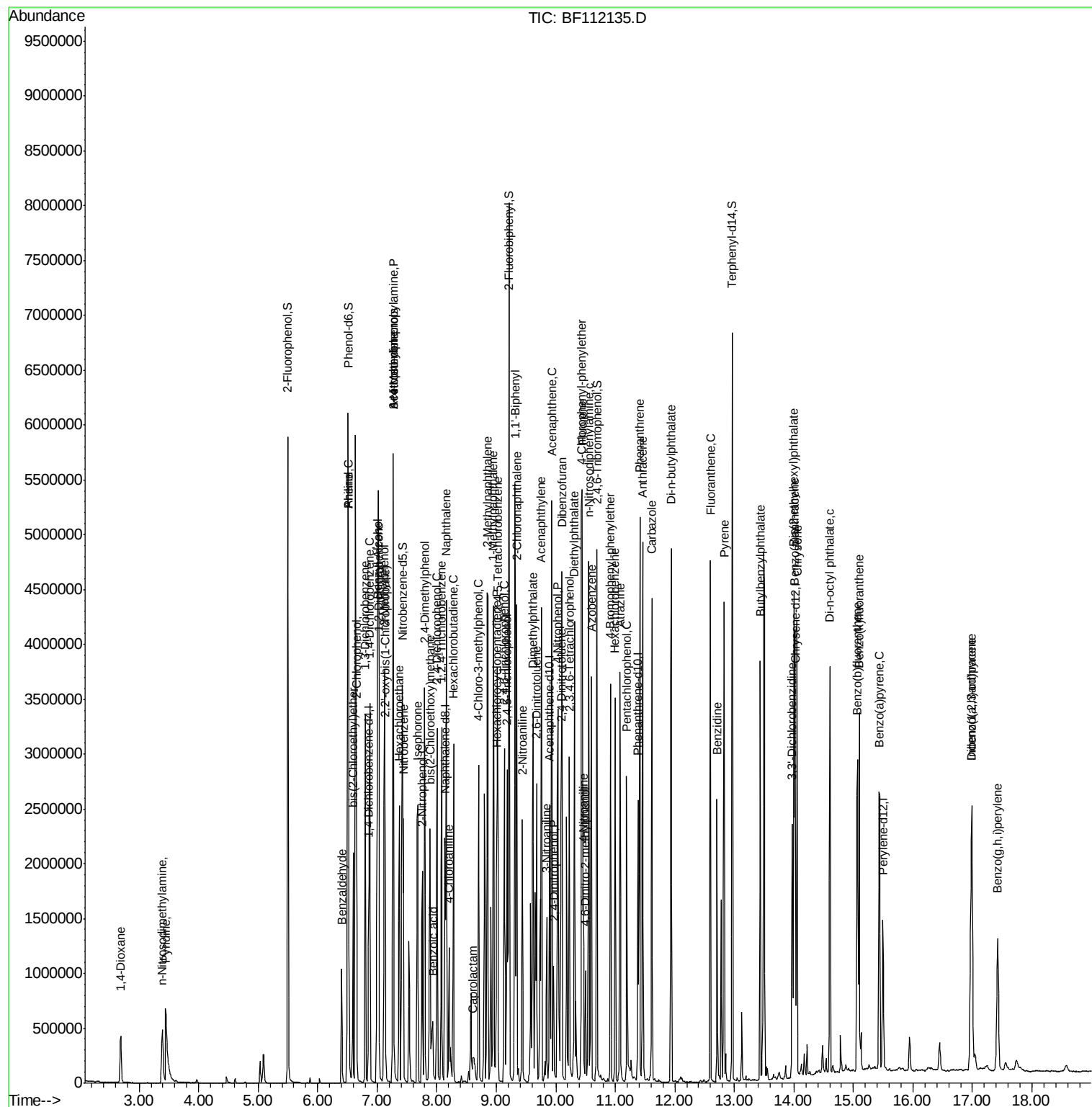
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	304088	49.080	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	438151	43.991	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	470779	44.380	ng	98
46) 1,1'-Biphenyl	9.32	154	1728715	39.874	ng	99
47) 2-Chloronaphthalene	9.35	162	1335767	39.361	ng	98
48) 2-Nitroaniline	9.44	65	373313	48.838	ng	95
49) Acenaphthylene	9.76	152	2124662	42.903	ng	99
50) Dimethylphthalate	9.62	163	1634637	43.230	ng	100
51) 2,6-Dinitrotoluene	9.68	165	369917	48.987	ng	97
52) Acenaphthene	9.93	154	1217922	40.195	ng	99
53) 3-Nitroaniline	9.85	138	245270	29.046	ng	93
54) 2,4-Dinitrophenol	9.96	184	167252	72.209	ng	92
55) Dibenzofuran	10.10	168	1867608	40.758	ng	97
56) 4-Nitrophenol	10.03	139	499074	82.502	ng	97
57) 2,4-Dinitrotoluene	10.09	165	476897	49.084	ng	89
58) Fluorene	10.45	166	1456761	42.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	391166	48.866	ng	99
60) Diethylphthalate	10.32	149	1603815	43.452	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	722691	39.119	ng	94
62) 4-Nitroaniline	10.46	138	340208	40.574	ng	99
63) Azobenzene	10.60	77	1391306	39.362	ng	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	139374	37.145	ng	94
66) n-Nitrosodiphenylamine	10.56	169	1331479	41.297	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	458824	40.503	ng	97
68) Hexachlorobenzene	11.00	284	472645	38.732	ng	97
69) Atrazine	11.08	200	455673	43.797	ng	97
70) Pentachlorophenol	11.20	266	411114	70.827	ng	98
71) Phenanthrene	11.41	178	2027949	41.318	ng	100
72) Anthracene	11.46	178	2079542	41.825	ng	100
73) Carbazole	11.62	167	1833362	36.809	ng	99
74) Di-n-butylphthalate	11.94	149	2414937	43.104	ng	100
75) Fluoranthene	12.60	202	1884795	36.371	ng	99
77) Benzidine	12.71	184	1009514	50.074	ng	97
78) Pyrene	12.83	202	1819632	45.644	ng	99
80) Butylbenzylphthalate	13.43	149	903660	51.670	ng	92
81) Benzo(a)anthracene	14.02	228	1470548	42.446	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	517495	39.885	ng	99
83) Chrysene	14.05	228	1388907	42.368	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1261521	50.330	ng	98
85) Di-n-octyl phthalate	14.60	149	1889334	48.922	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1285128	42.491	ng	98
88) Benzo(b)fluoranthene	15.07	252	1411998	44.125	ng	99
89) Benzo(k)fluoranthene	15.10	252	1367344	44.148	ng	99
90) Benzo(a)pyrene	15.44	252	1323162	45.088	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1095377	42.025	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1010354	39.347	ng	98

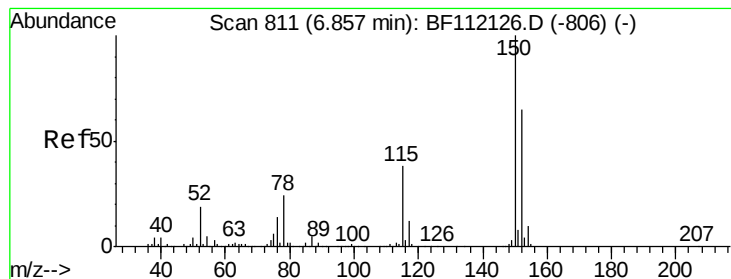
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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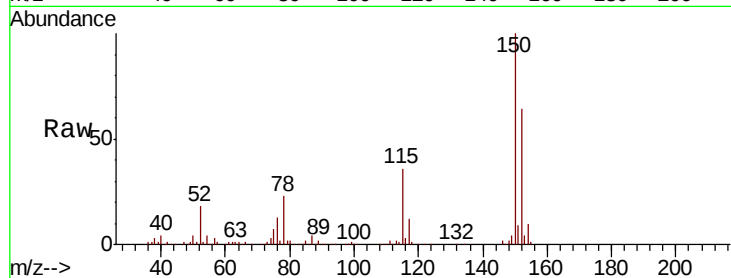


#1

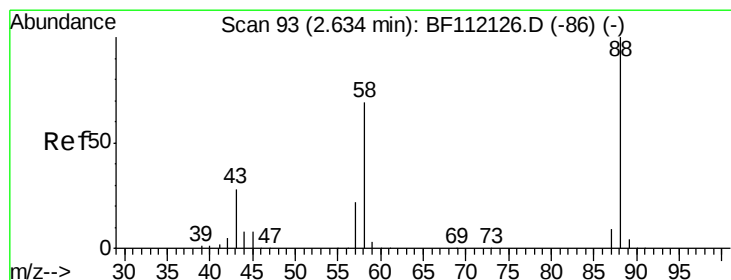
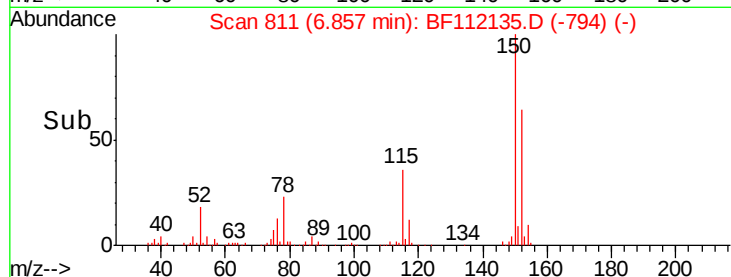
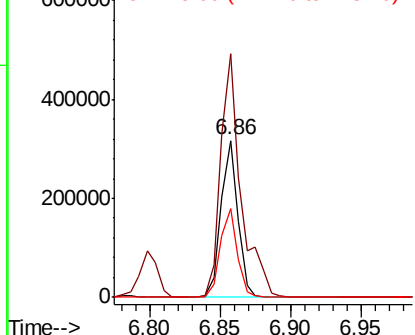
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion: 152 Resp: 264869
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 56.4 45.5 68.3



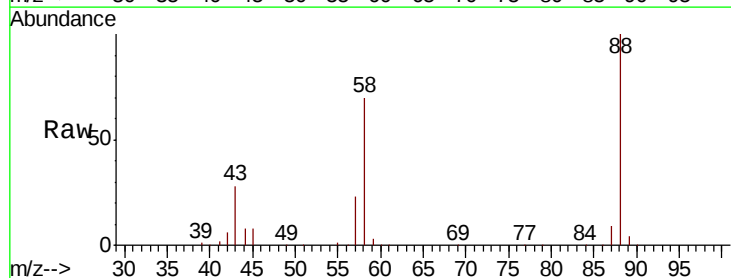
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



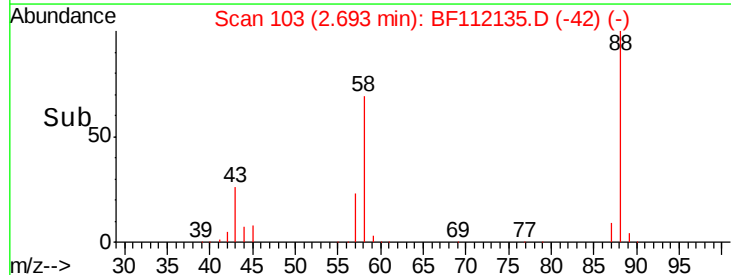
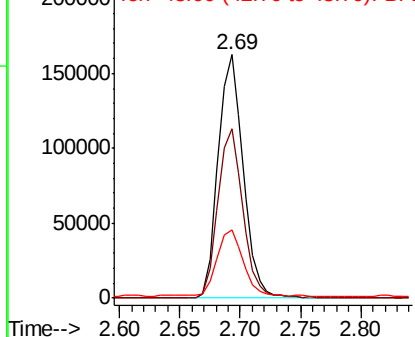
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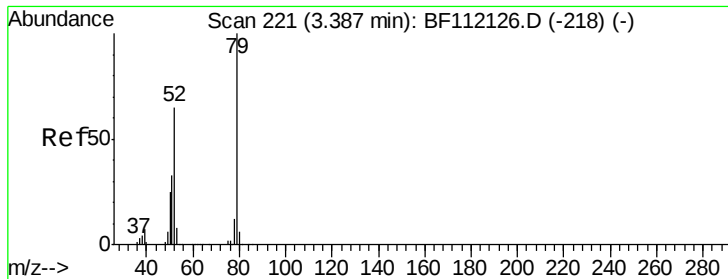
1,4-Dioxane
Concen: 34.064 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion: 88 Resp: 233140
Ion Ratio Lower Upper
88 100
58 70.1 57.4 86.2
43 28.1 22.2 33.4



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





#3

Pyridine

Concen: 37.125 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

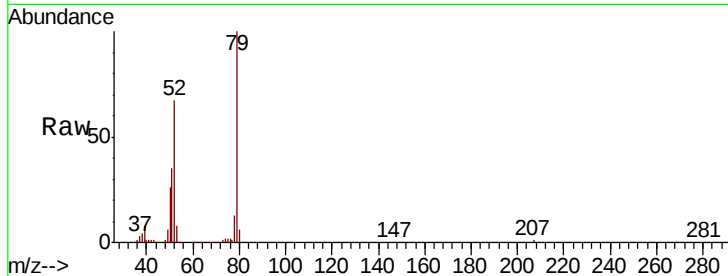
Tgt Ion: 79 Resp: 636382

Ion Ratio Lower Upper

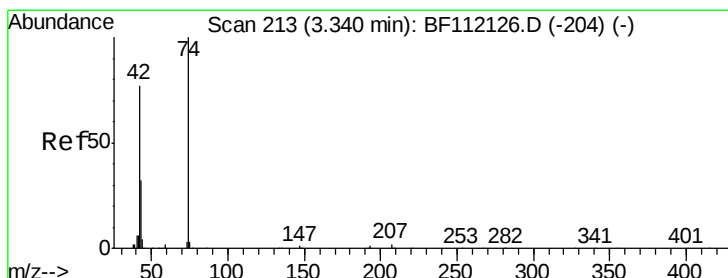
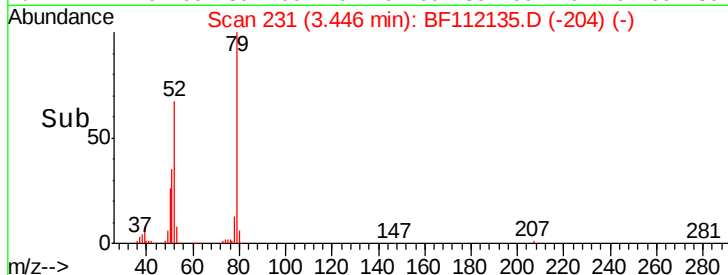
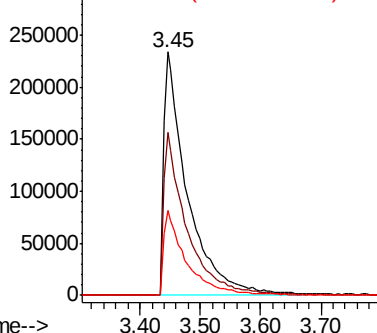
79 100

52 66.7 52.4 78.6

51 34.9 26.1 39.1



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: 41.778 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.05 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

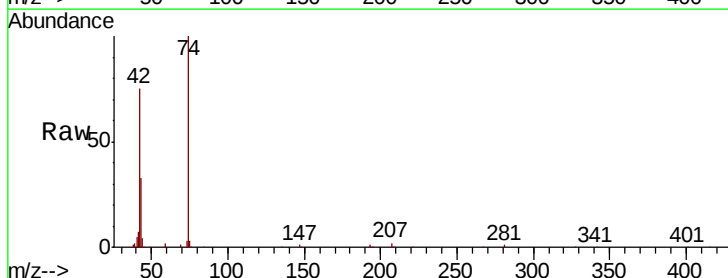
Tgt Ion: 42 Resp: 290769

Ion Ratio Lower Upper

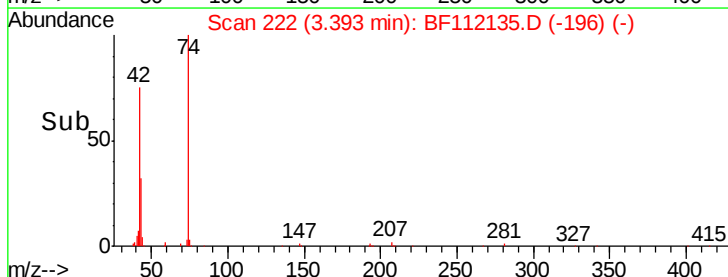
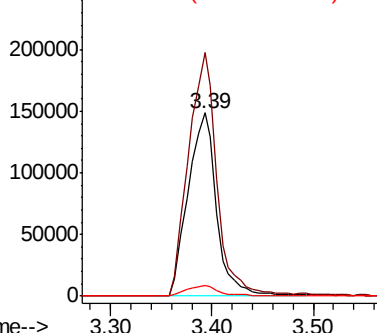
42 100

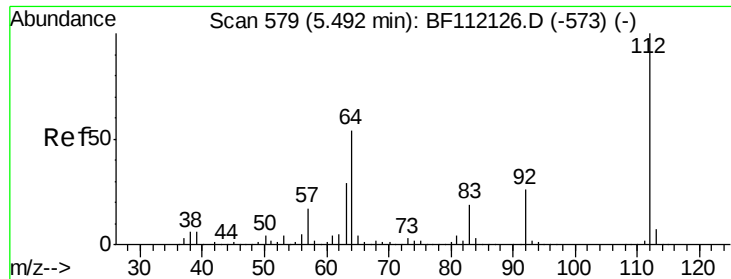
74 133.1 105.6 158.4

44 5.8 5.4 8.2



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: 119.582 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112135.D

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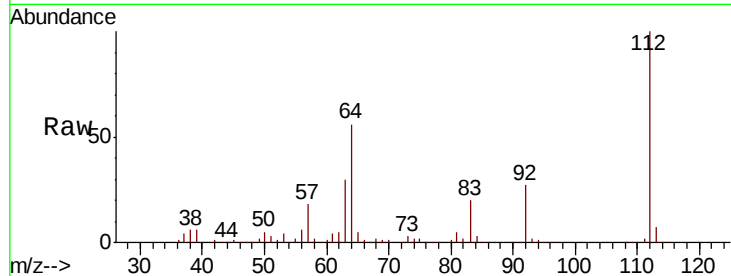
Tgt Ion: 112 Resp: 1745064

Ion Ratio Lower Upper

112 100

64 56.1 45.7 68.5

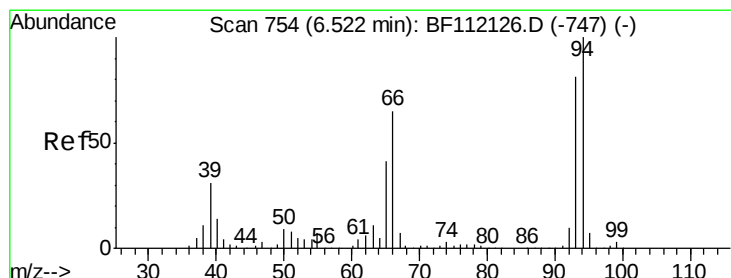
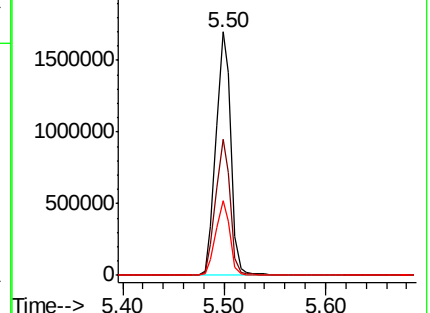
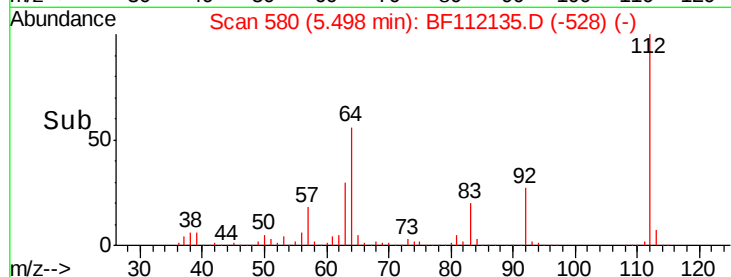
63 30.5 23.6 35.4



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: 29.010 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

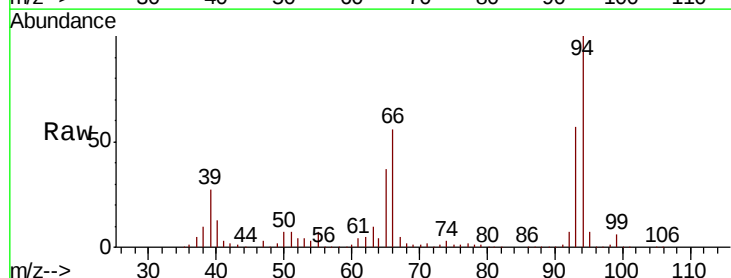
Tgt Ion: 93 Resp: 644217

Ion Ratio Lower Upper

93 100

66 96.7 43.4 65.2#

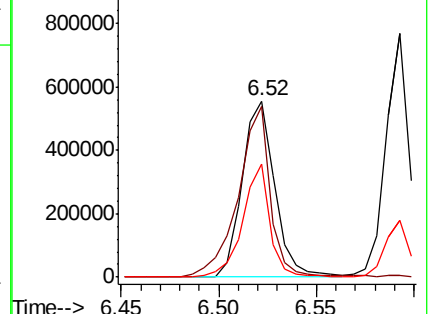
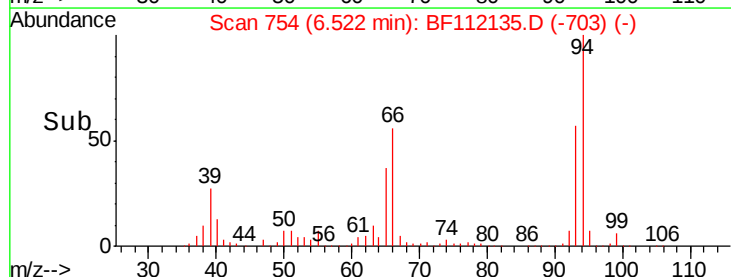
65 64.2 25.3 37.9#

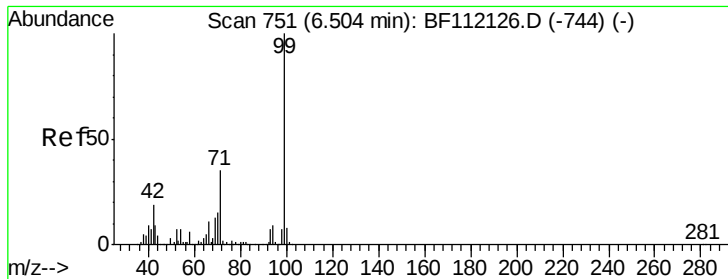


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.628 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

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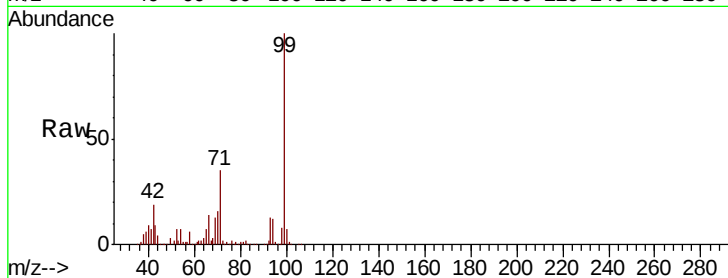
Tgt Ion: 99 Resp: 2165919

Ion Ratio Lower Upper

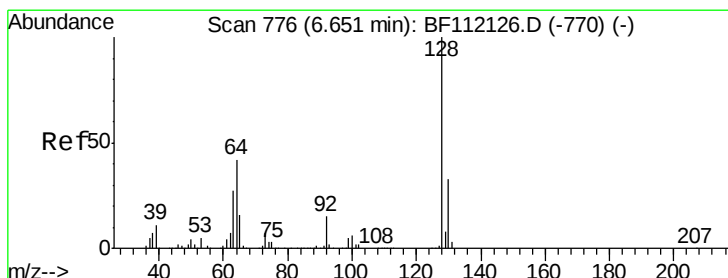
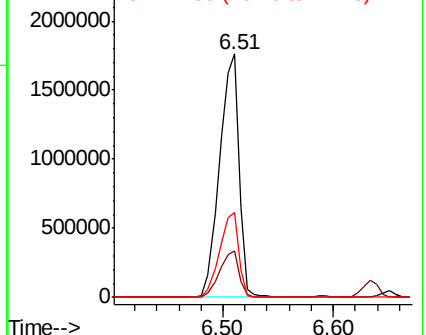
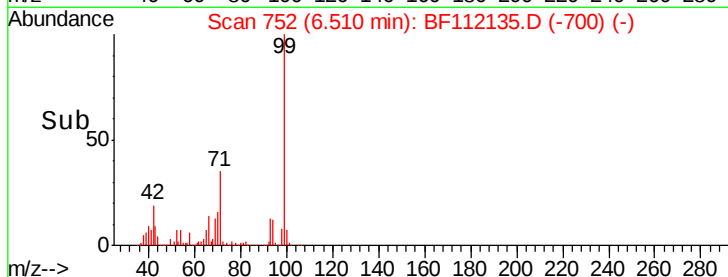
99 100

42 18.8 15.1 22.7

71 35.1 26.9 40.3



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: 41.440 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

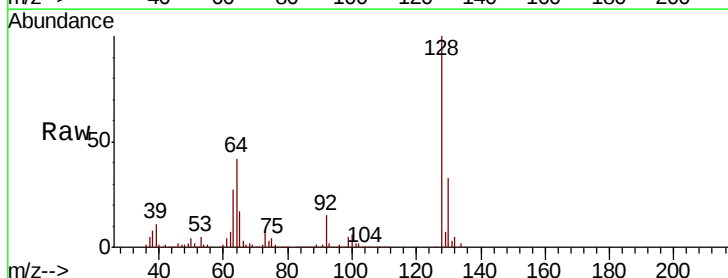
Tgt Ion: 128 Resp: 702347

Ion Ratio Lower Upper

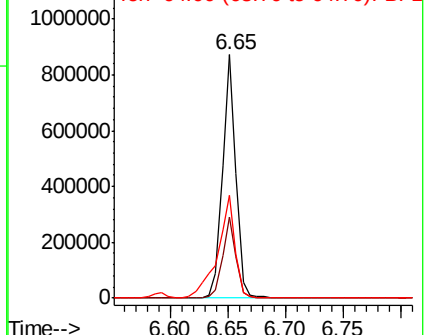
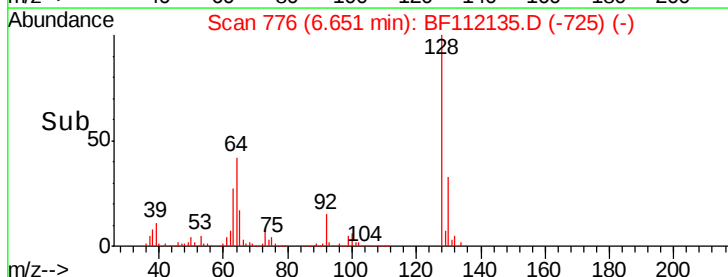
128 100

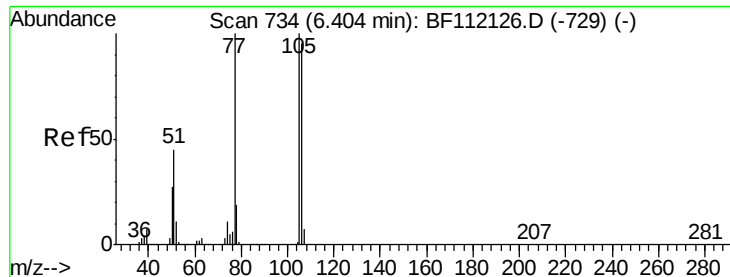
130 33.4 13.4 53.4

64 42.3 20.5 60.5



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: 15.892 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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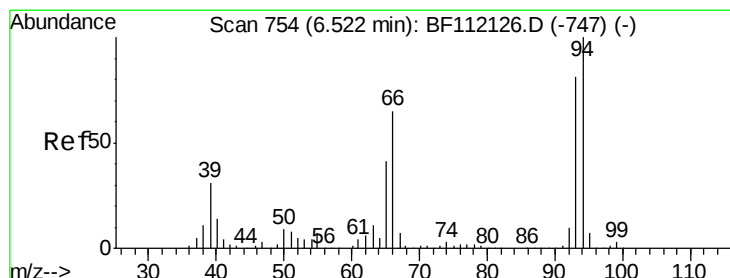
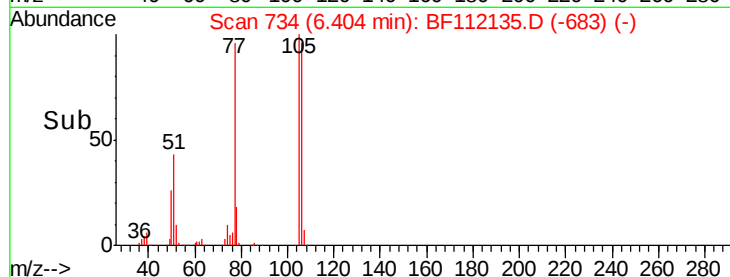
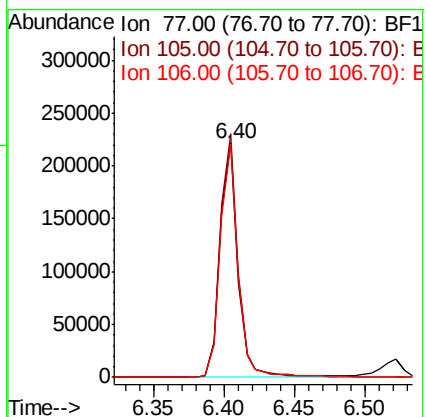
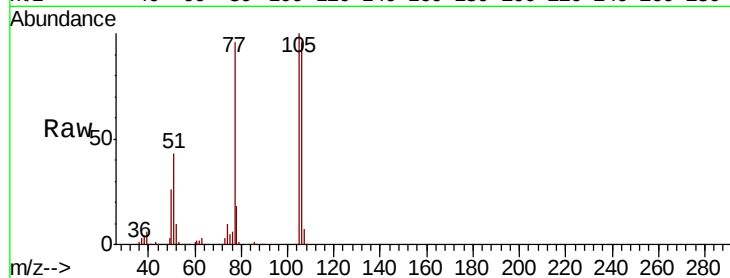
Tgt Ion: 77 Resp: 196473

Ion Ratio Lower Upper

77 100

105 103.8 80.8 120.8

106 99.7 75.7 115.7



#10

Phenol

Concen: 39.294 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

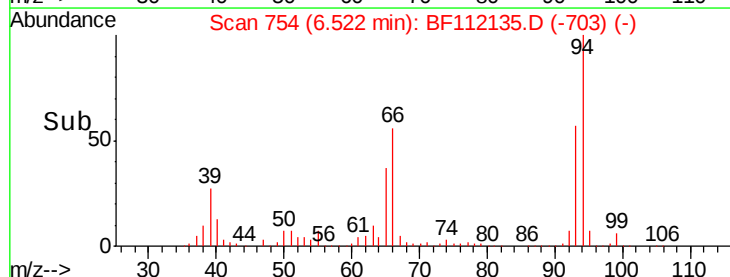
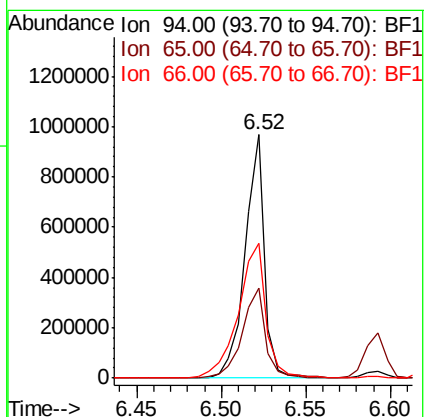
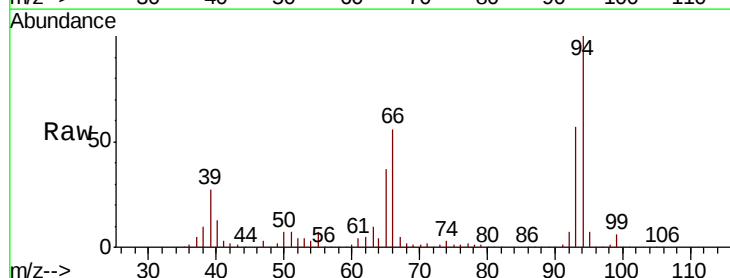
Tgt Ion: 94 Resp: 784090

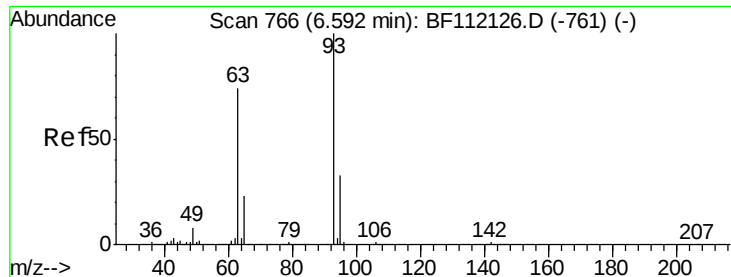
Ion Ratio Lower Upper

94 100

65 36.9 20.3 60.3

66 55.6 42.4 82.4

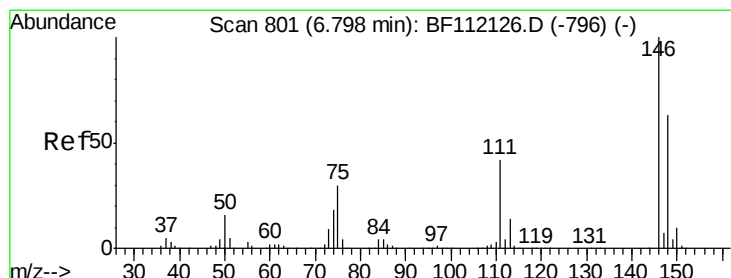
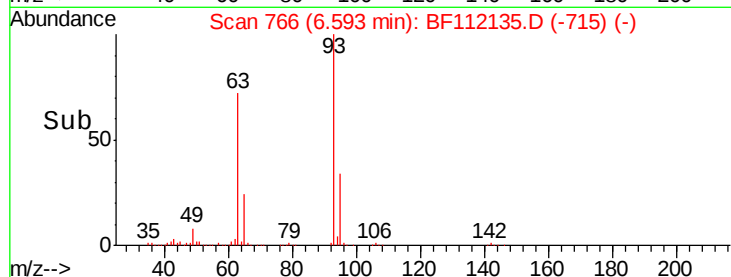
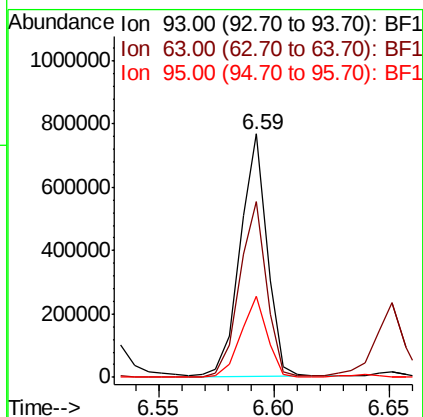
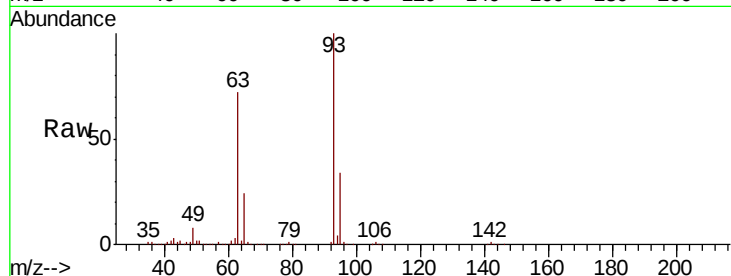




#11
bis(2-Chloroethyl)ether
Concen: 39.321 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

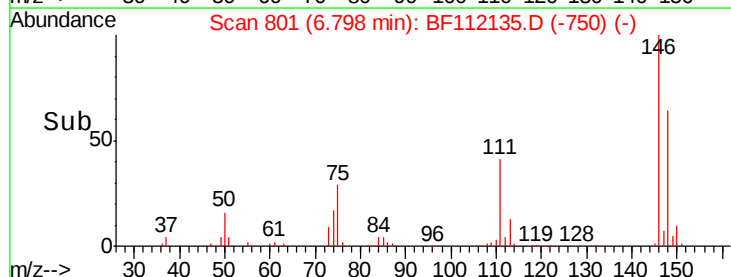
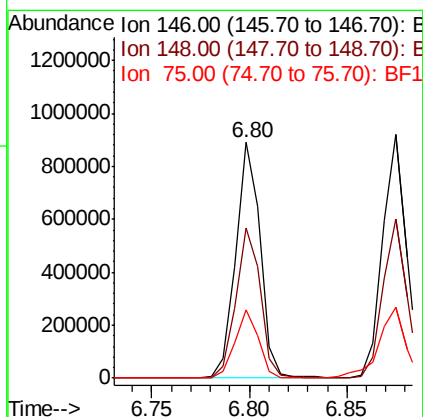
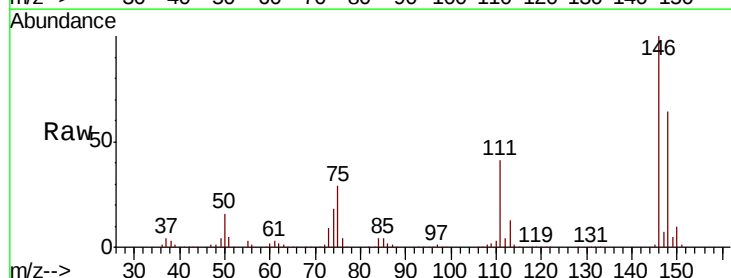
Instrument :
BNA_F
ClientSampleId :
PB116493BS

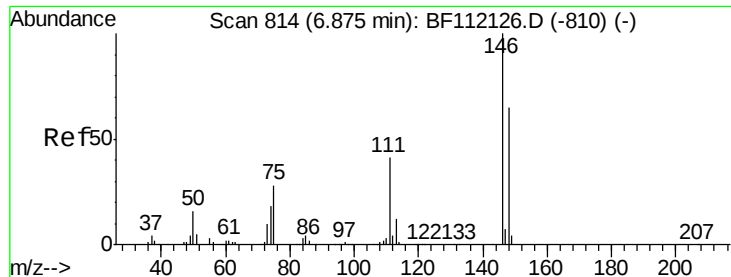
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.4	53.3	93.3
95	33.5	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.878 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.8	23.1	34.7

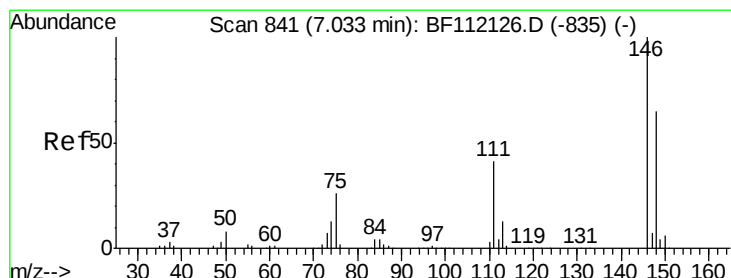
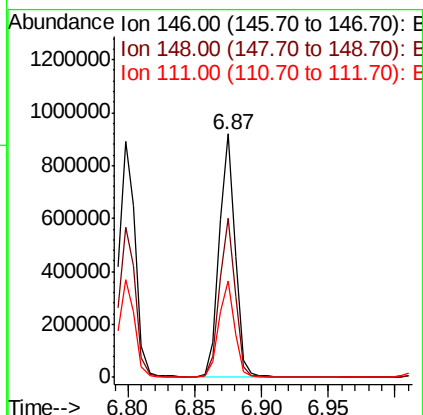
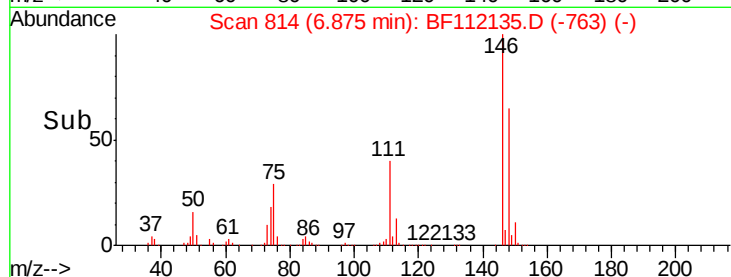
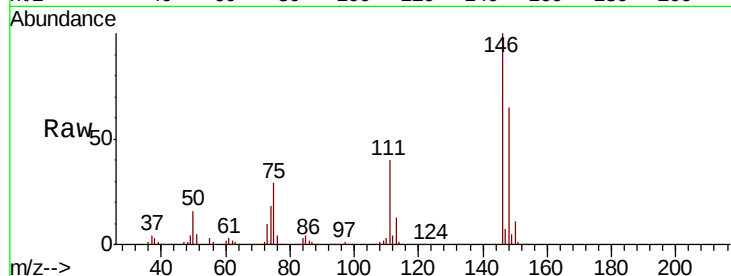




#13
 1,4-Dichlorobenzene
 Concen: 39.539 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

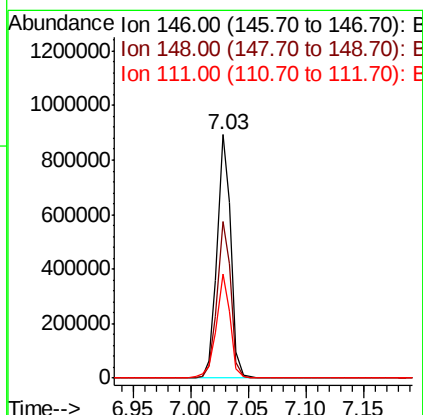
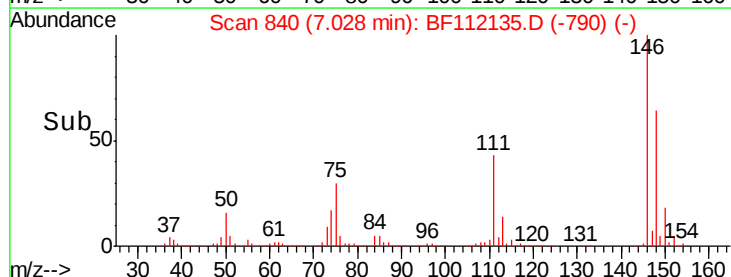
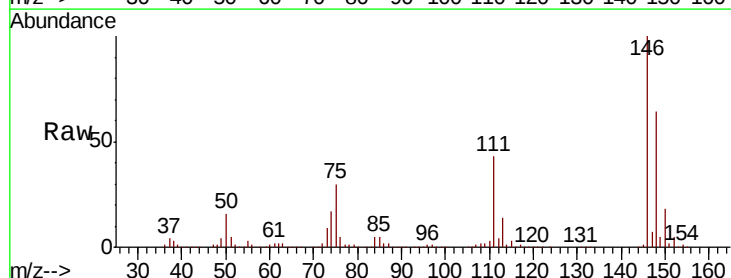
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

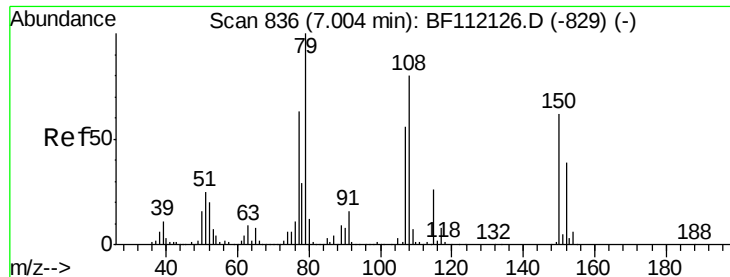
Tgt Ion:146 Resp: 782265
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 39.8 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.253 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:146 Resp: 733570
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 42.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 42.405 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

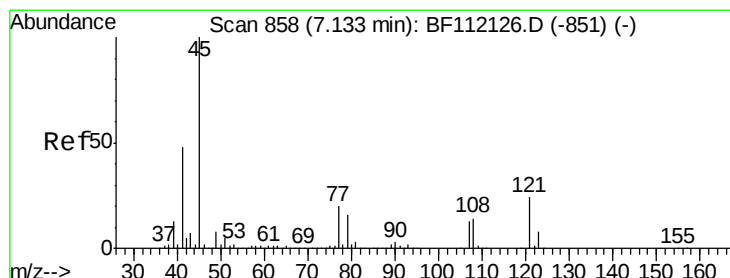
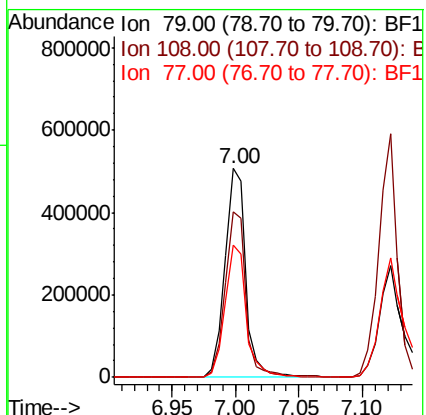
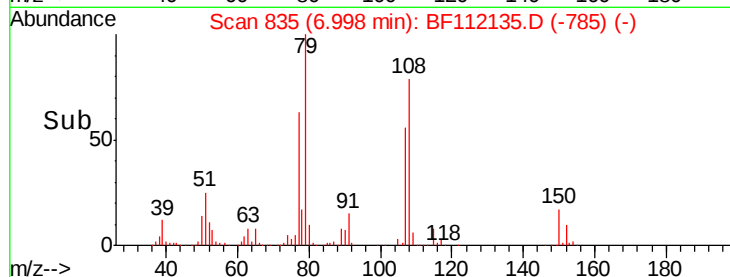
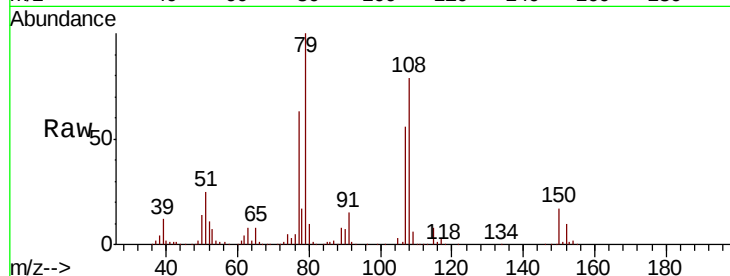
Tgt Ion: 79 Resp: 576825

Ion Ratio Lower Upper

79 100

108 79.2 64.2 96.2

77 63.2 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.478 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

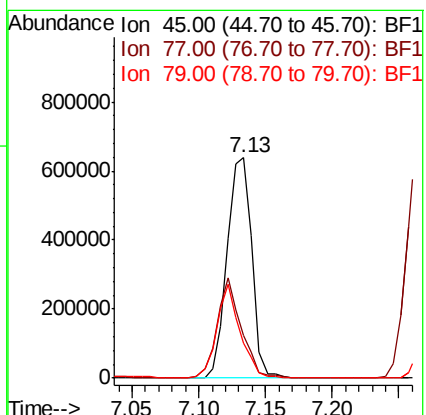
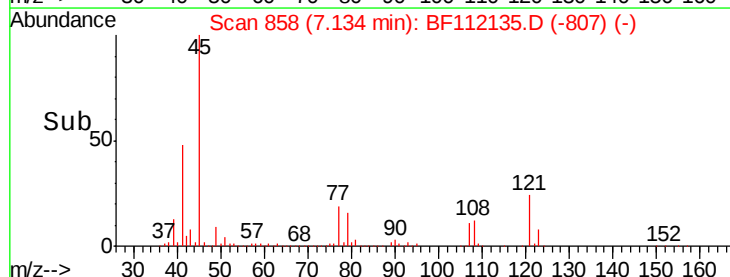
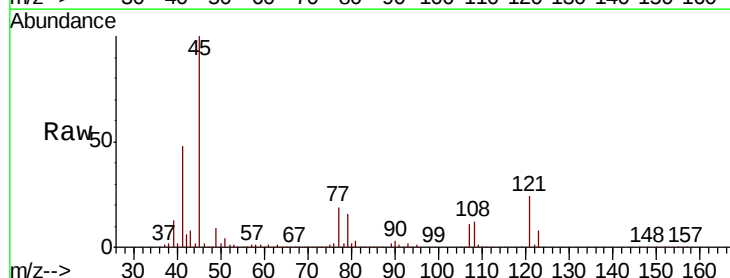
Tgt Ion: 45 Resp: 834599

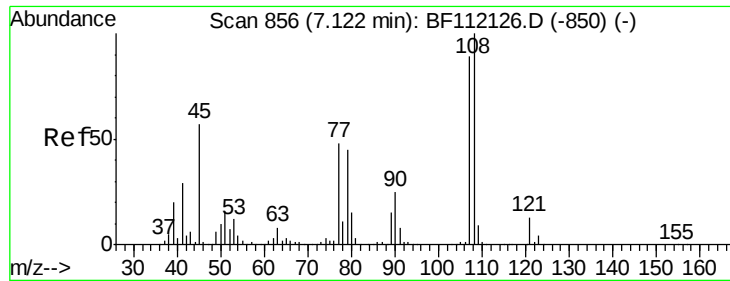
Ion Ratio Lower Upper

45 100

77 19.2 0.0 36.9

79 16.0 0.0 34.0

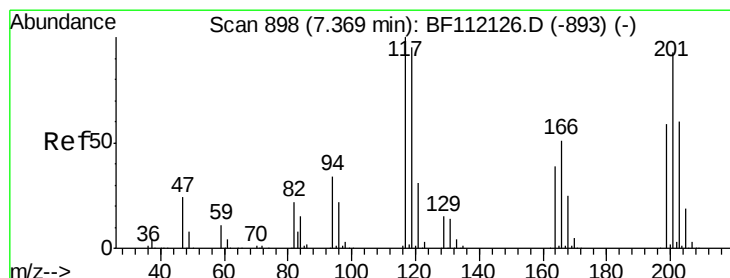
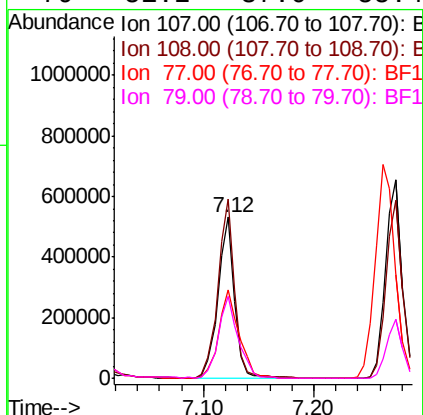
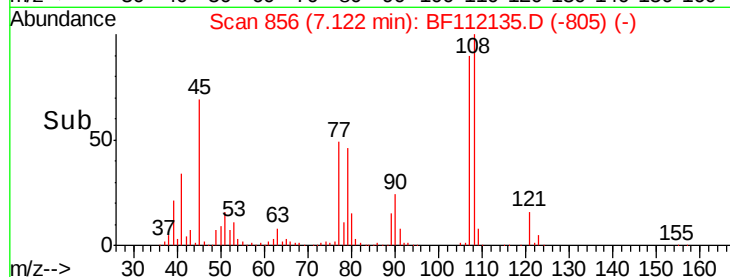
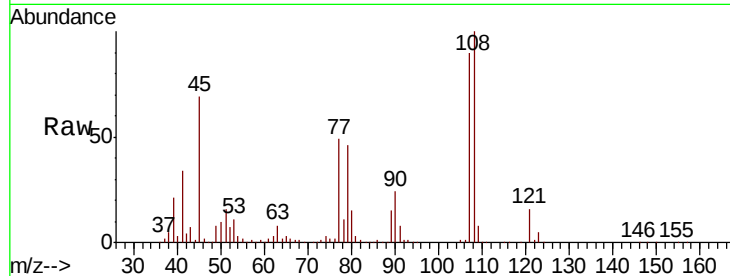




#17
2-Methylphenol
Concen: 43.622 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

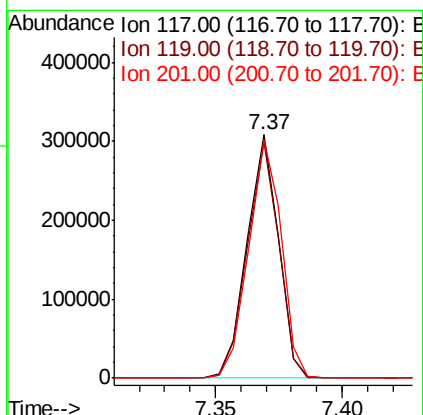
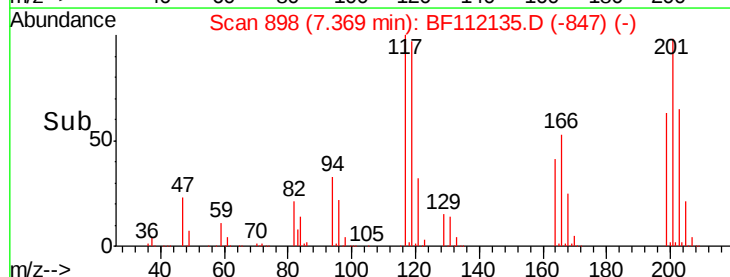
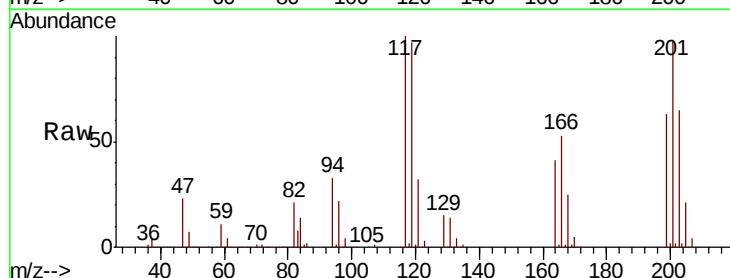
Instrument :
BNA_F
ClientSampleId :
PB116493BS

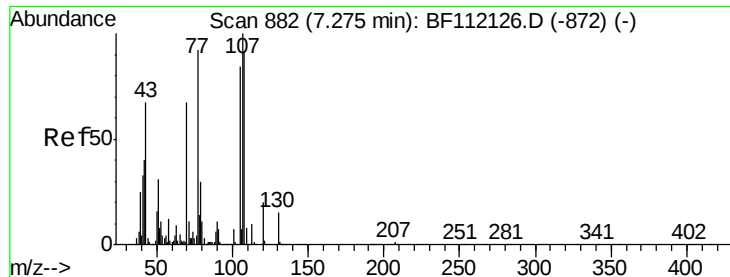
Tgt Ion:107 Resp: 555229
Ion Ratio Lower Upper
107 100
108 111.0 91.3 136.9
77 54.6 39.0 58.6
79 51.2 37.0 55.4



#18
Hexachloroethane
Concen: 40.450 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:117 Resp: 267107
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
201 98.0 74.1 111.1

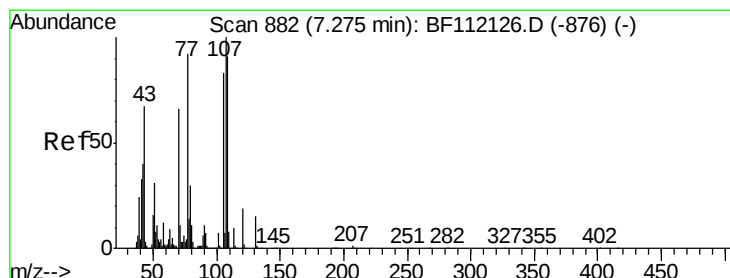
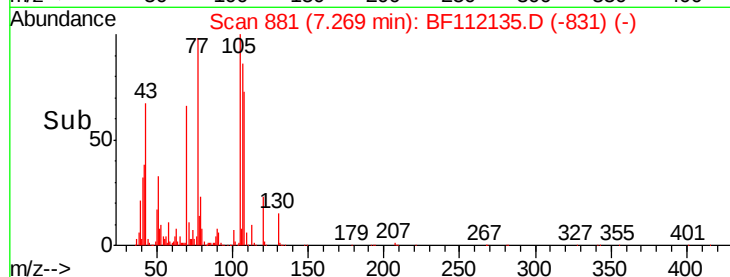
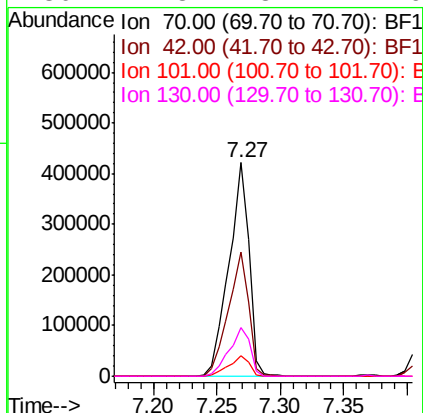
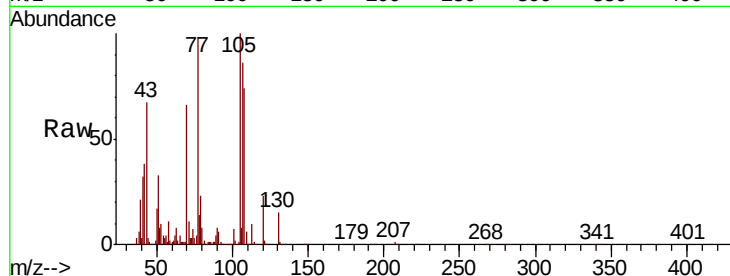




#19
n-Nitroso-di-n-propylamine
Concen: 41.584 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

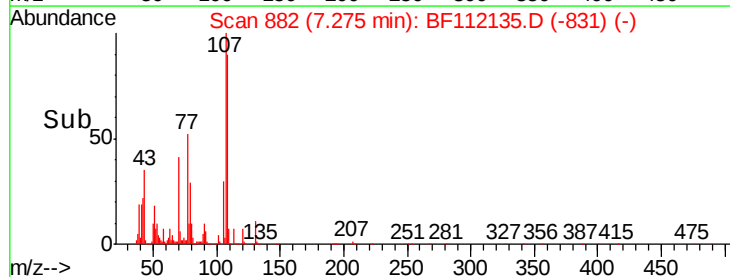
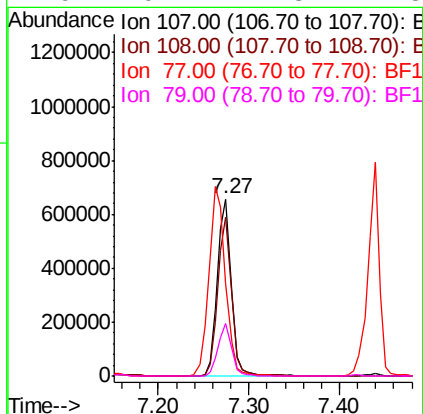
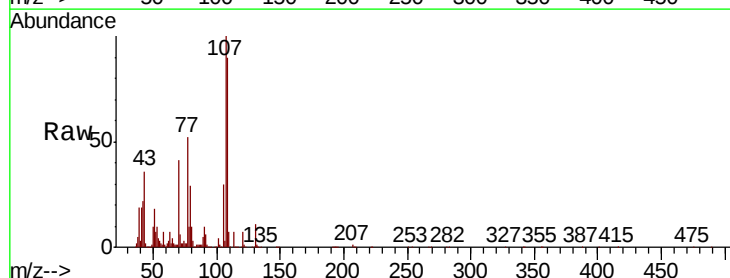
Instrument :
BNA_F
ClientSampleId :
PB116493BS

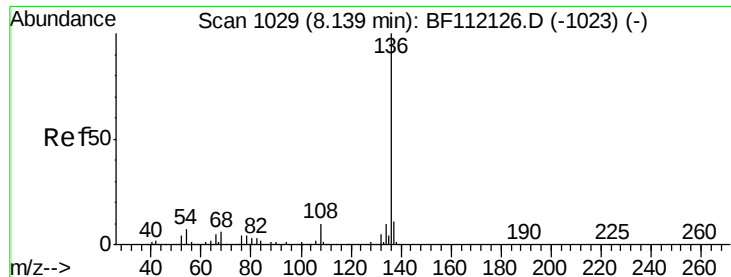
Tgt Ion:	70	Resp:	462537
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.6	71.4
101	9.9	7.9	11.9
130	22.8	18.4	27.6



#20
3+4-Methylphenols
Concen: 44.570 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:	107	Resp:	687827
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	52.4	100.7	140.7#
79	29.4	7.3	47.3

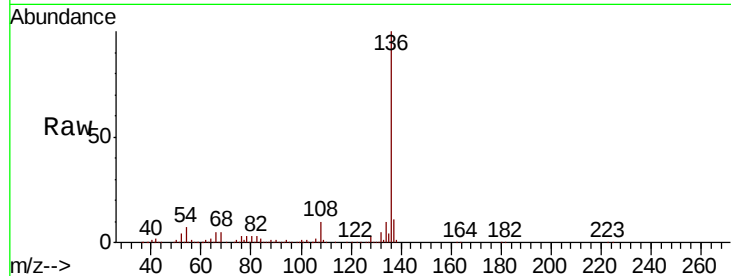




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:	136	Resp:	1028605
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	5.9	8.9
68	5.3	5.1	7.7



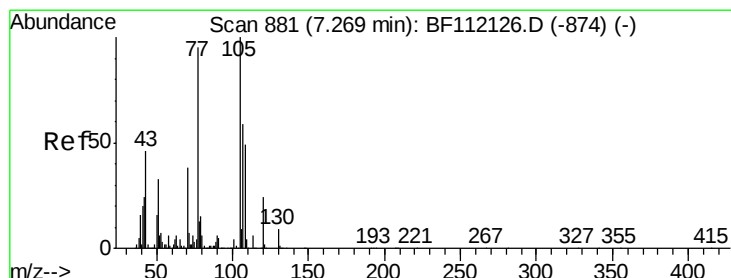
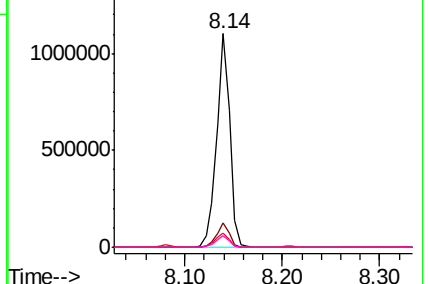
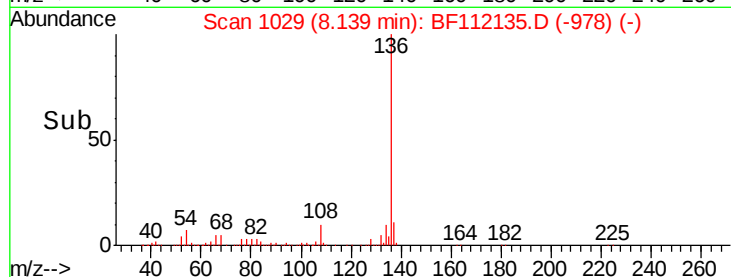
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

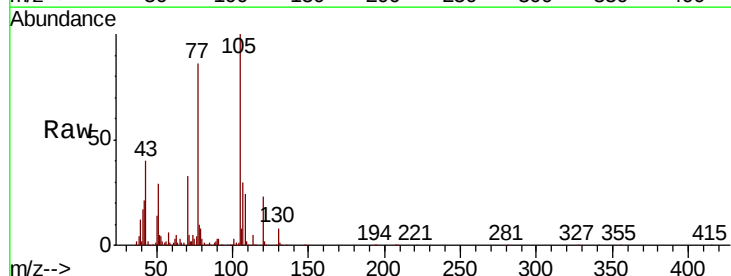
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.081 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:	105	Resp:	907481
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.6	6.8
51	29.4	25.0	37.6
120	23.1	19.0	28.4



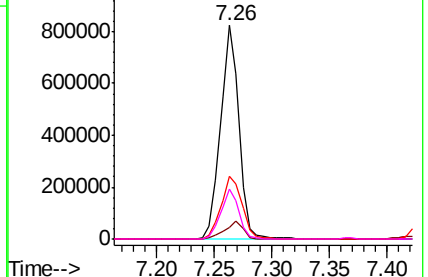
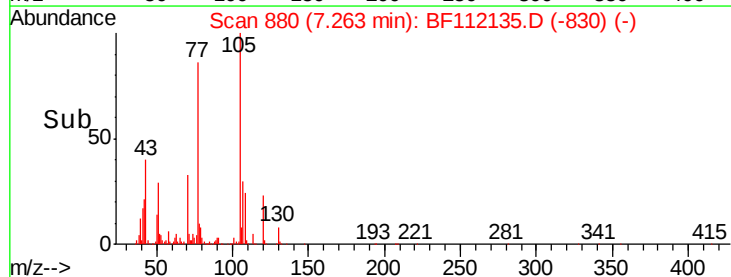
Abundance

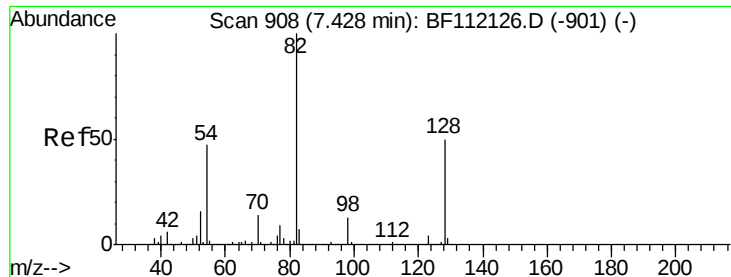
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

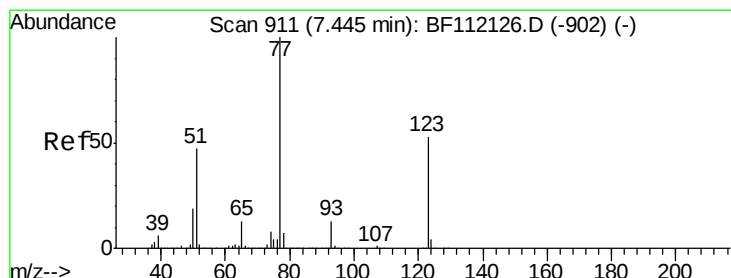
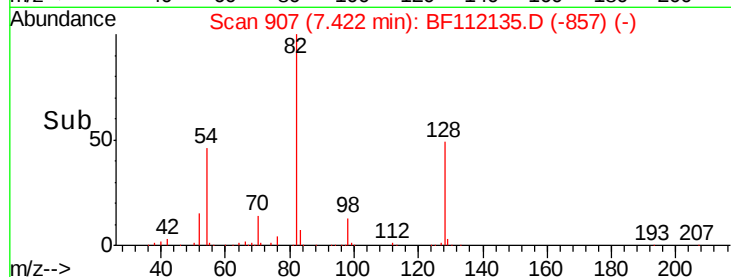
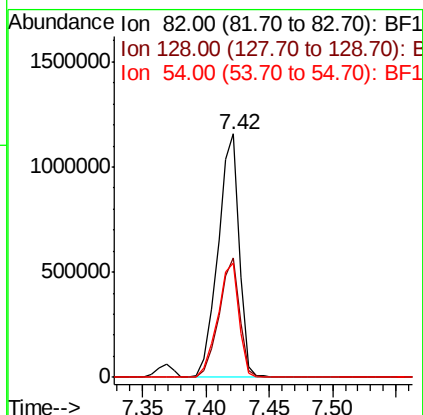
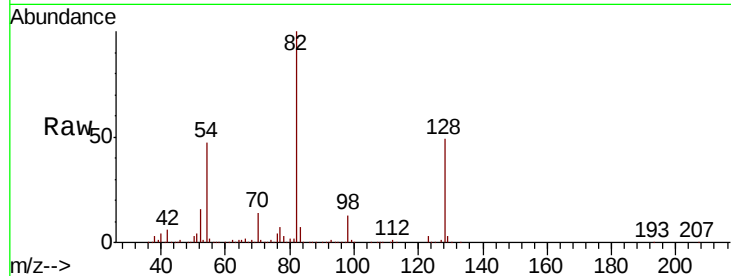




#23
 Nitrobenzene-d5
 Concen: 90.602 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

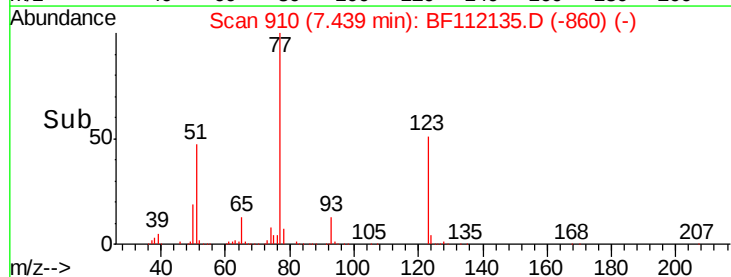
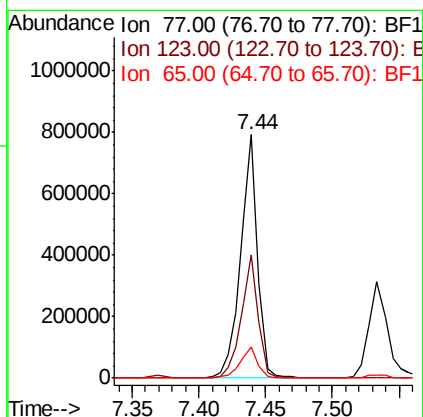
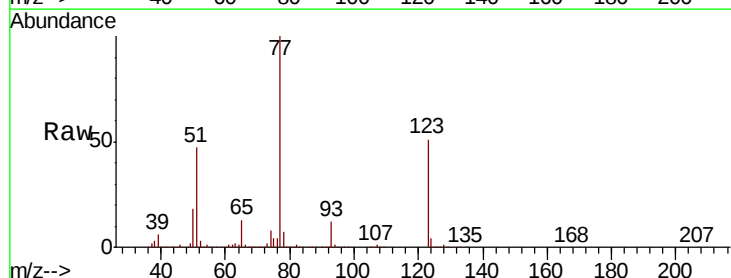
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

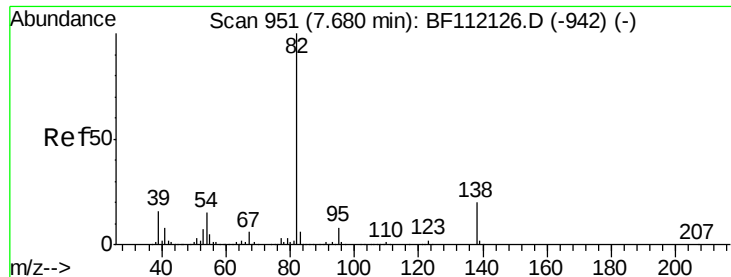
Tgt Ion: 82 Resp: 1348894
 Ion Ratio Lower Upper
 82 100
 128 49.3 37.8 56.8
 54 47.0 39.7 59.5



#24
 Nitrobenzene
 Concen: 44.440 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion: 77 Resp: 701204
 Ion Ratio Lower Upper
 77 100
 123 50.5 38.4 57.6
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 43.884 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

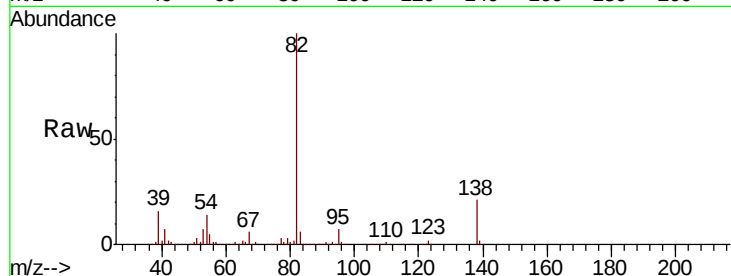
Tgt Ion: 82 Resp: 1261952

Ion Ratio Lower Upper

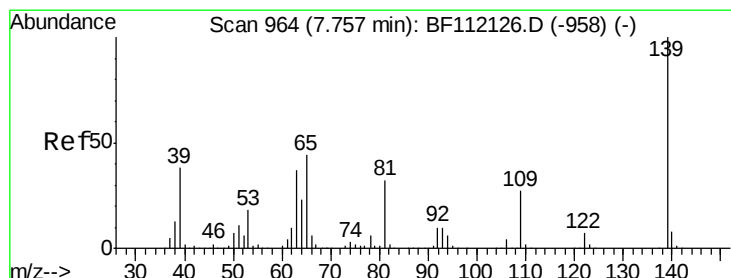
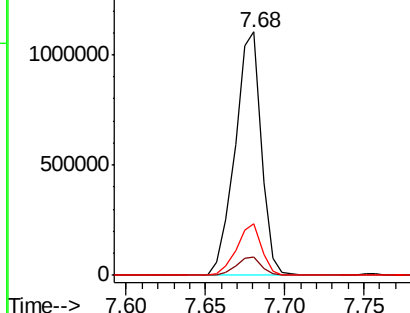
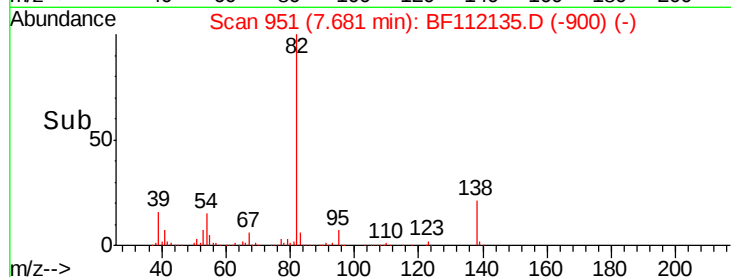
82 100

95 7.4 5.7 8.5

138 21.0 15.4 23.0



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



#26

2-Nitrophenol

Concen: 47.122 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

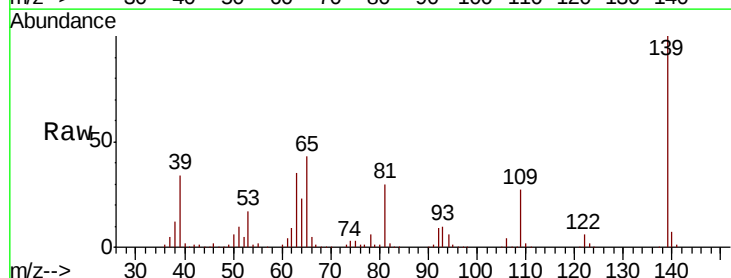
Tgt Ion: 139 Resp: 380939

Ion Ratio Lower Upper

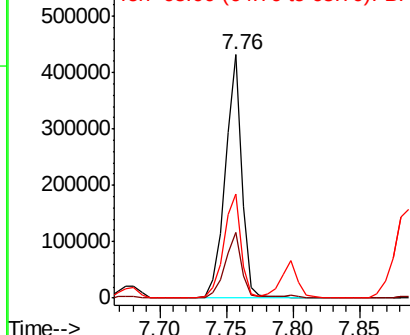
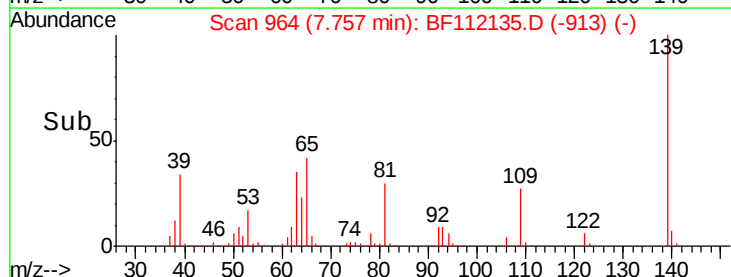
139 100

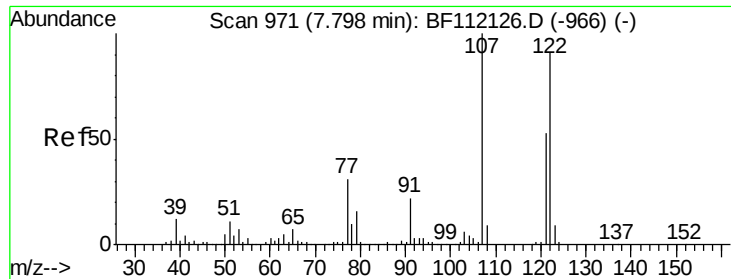
109 27.0 20.8 31.2

65 42.7 34.4 51.6



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

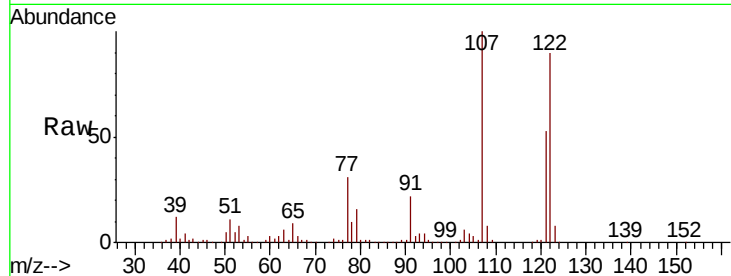




#27
2,4-Dimethylphenol
Concen: 46.200 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	85.4	128.0
121	59.3	47.0	70.4

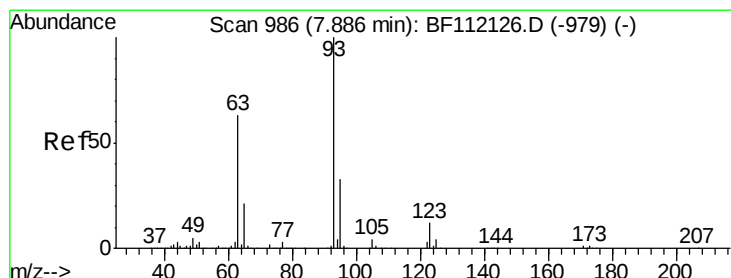
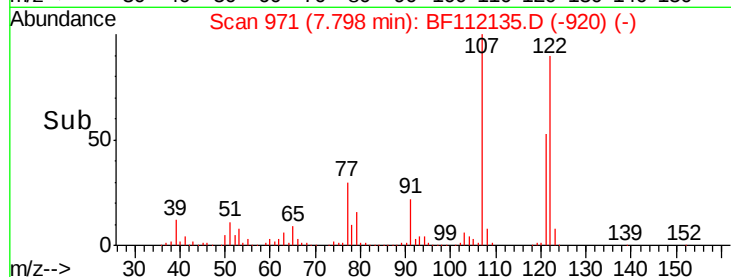
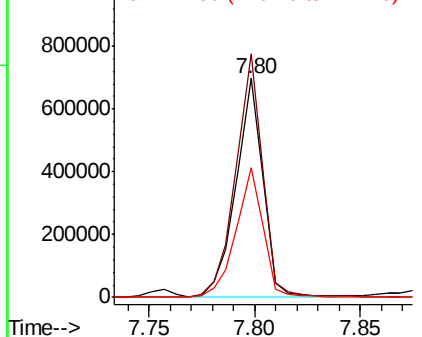


Abundance

Ion 122.00 (121.70 to 122.70): E

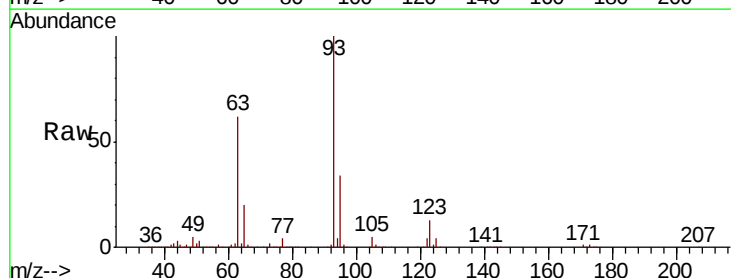
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.969 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.8	40.2
123	12.8	10.2	15.2

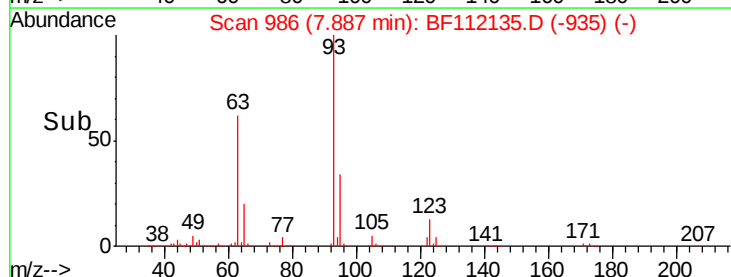
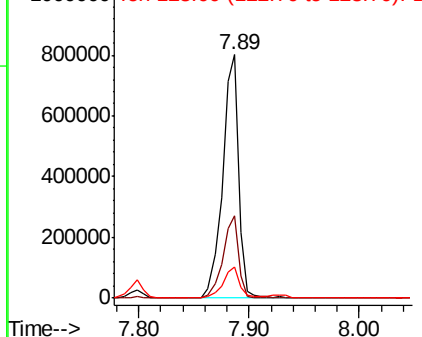


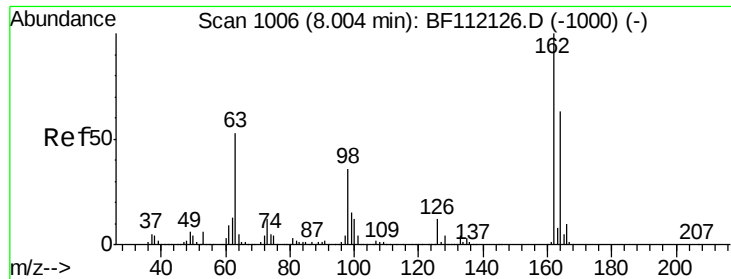
Abundance

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

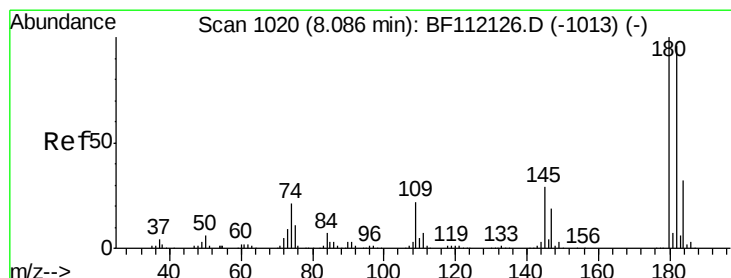
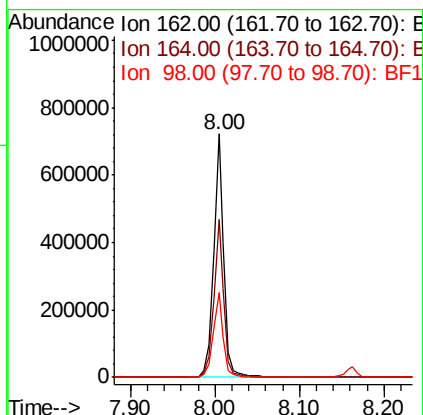
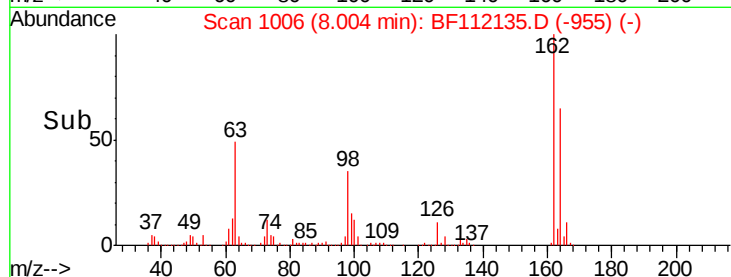
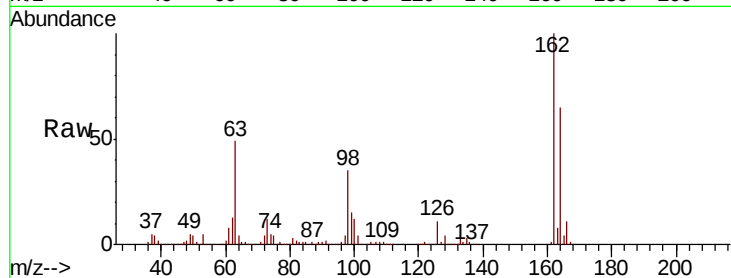




#29
2,4-Dichlorophenol
Concen: 42.680 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

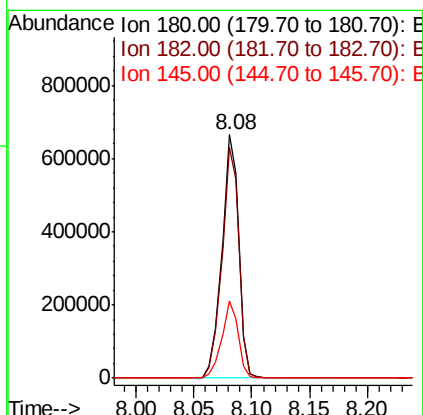
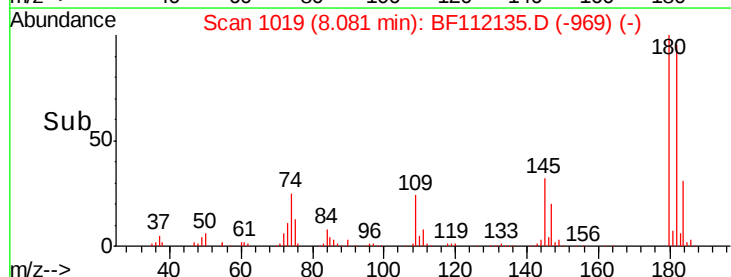
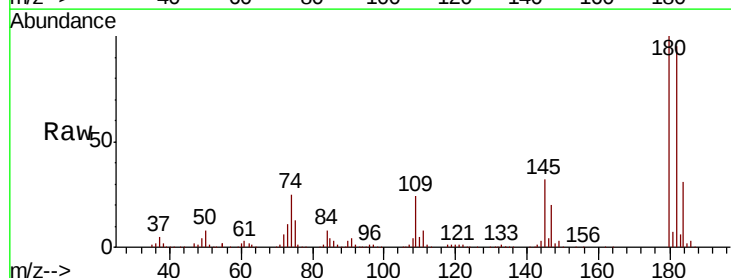
Instrument :
BNA_F
ClientSampleId :
PB116493BS

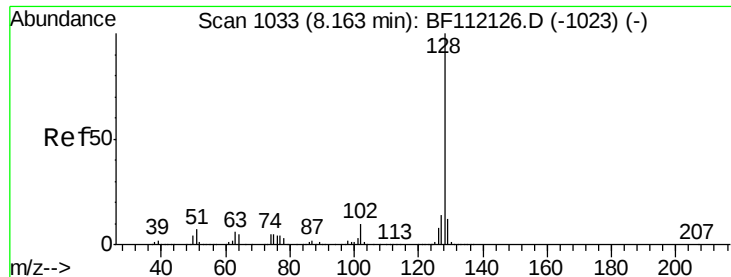
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	35.0	14.6	54.6



#30
1,2,4-Trichlorobenzene
Concen: 39.873 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	31.7	25.0	37.4

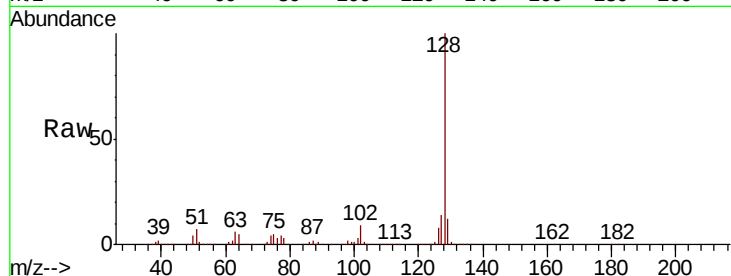




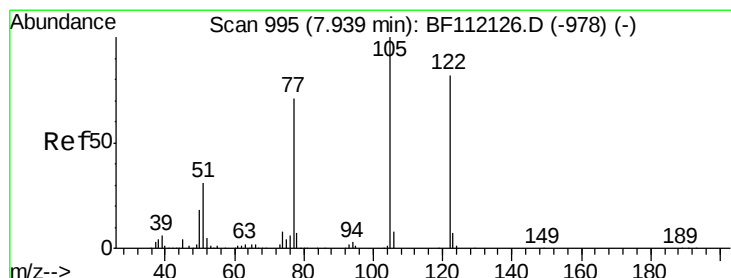
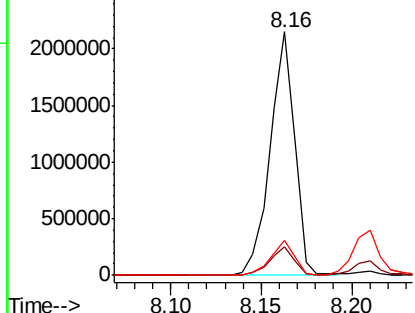
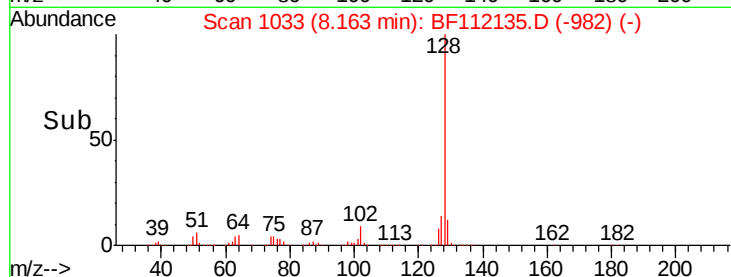
#31
Naphthalene
Concen: 42.994 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:128 Resp: 2011440
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.2 11.1 16.7

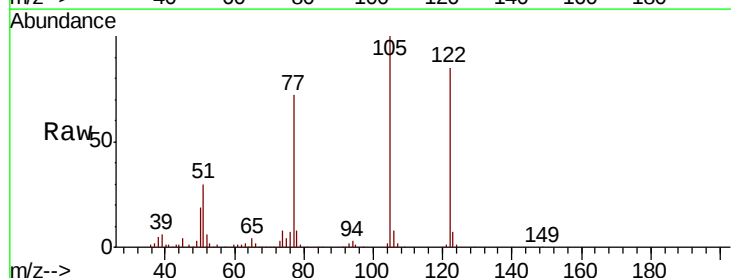


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

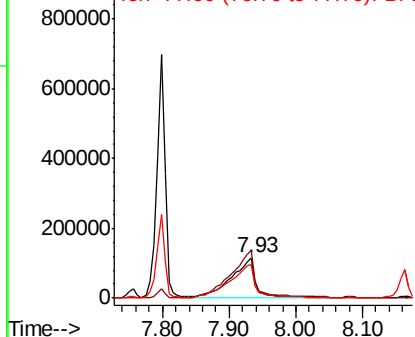
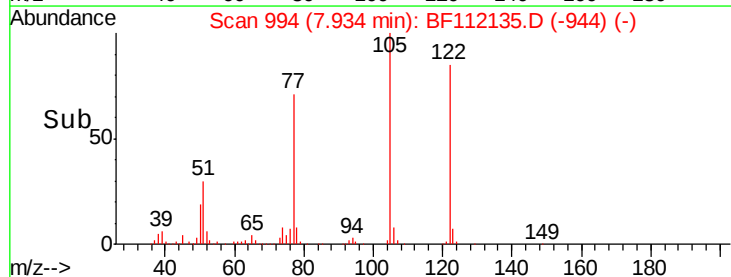


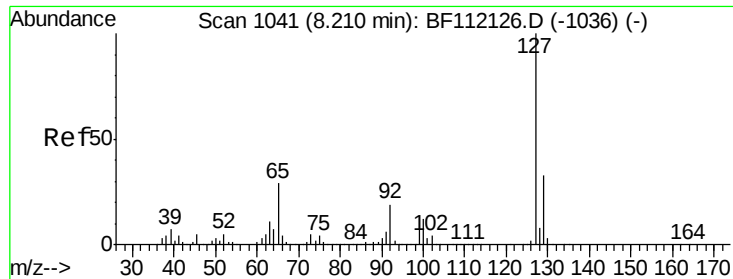
#32
Benzoic acid
Concen: 48.525 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:122 Resp: 300192
Ion Ratio Lower Upper
122 100
105 117.2 101.2 141.2
77 84.4 70.4 110.4



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

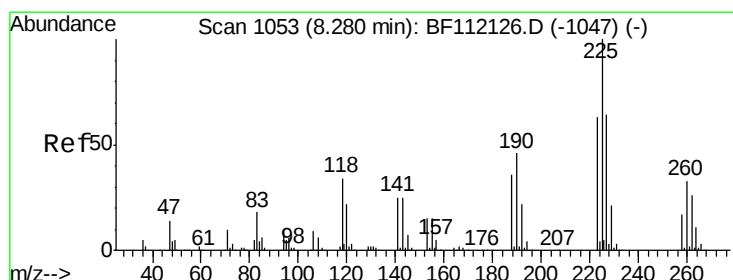
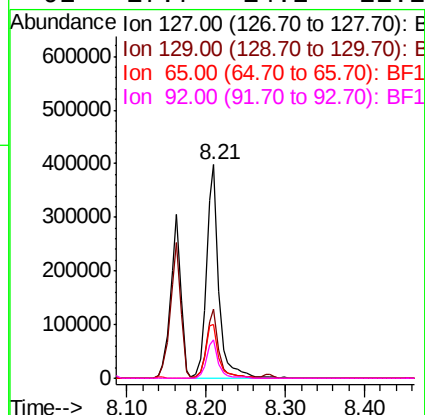
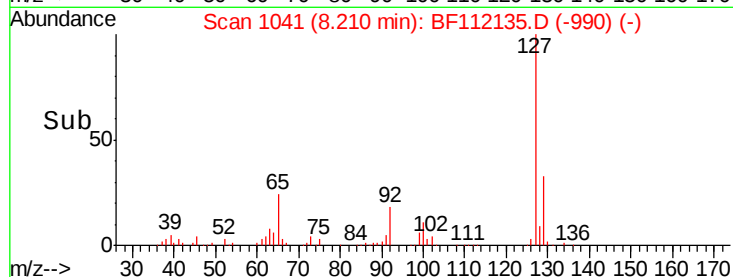
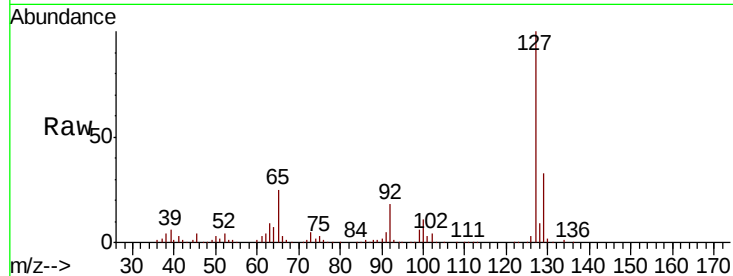




#33
4-Chloroaniline
Concen: 20.505 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

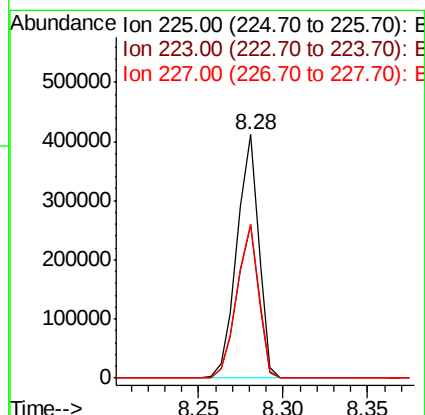
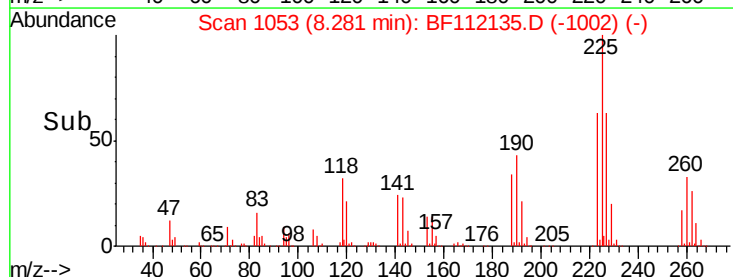
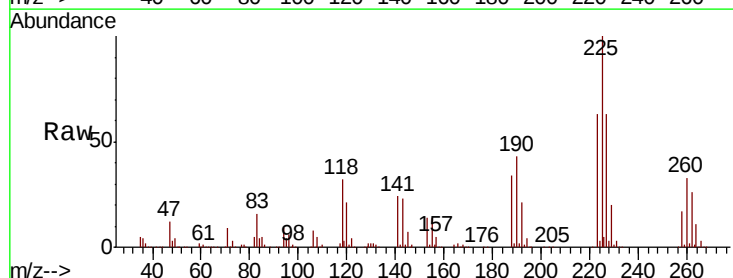
Instrument :
BNA_F
ClientSampleId :
PB116493BS

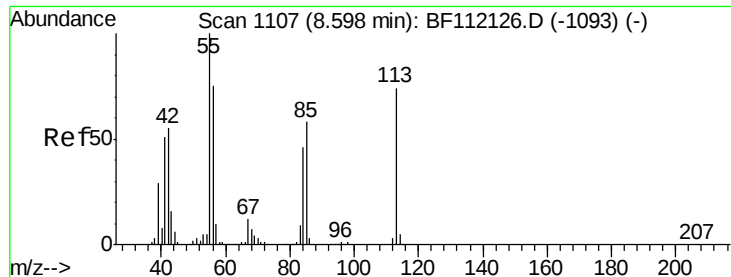
Tgt Ion:	127	Resp:	431132
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	25.4	21.4	32.2
92	17.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.219 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:	225	Resp:	369340
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.3	51.8	77.8

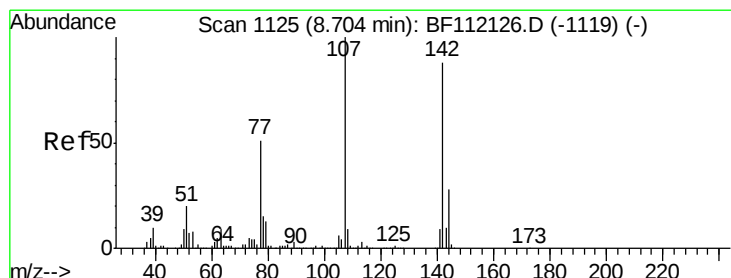
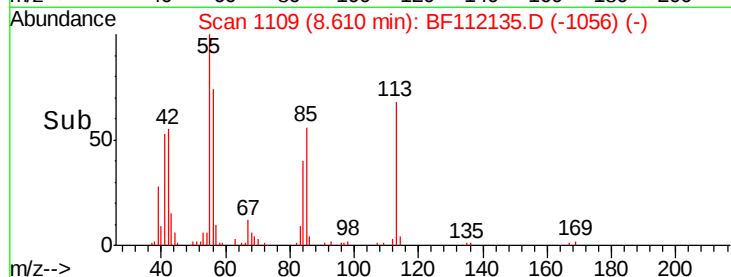
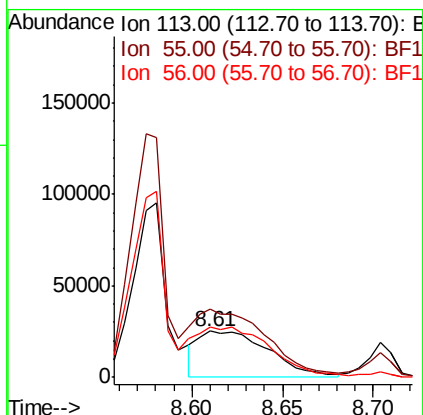
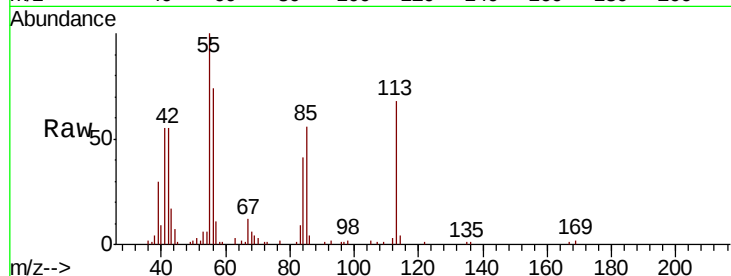




#35
 Caprolactam
 Concen: 13.202 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

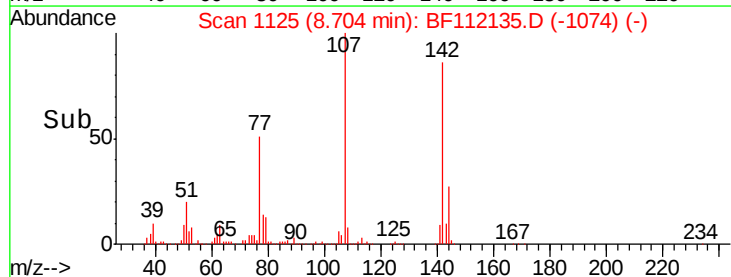
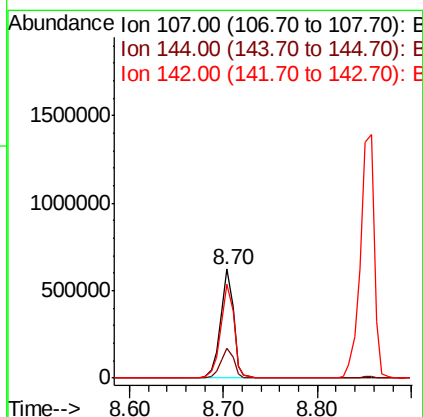
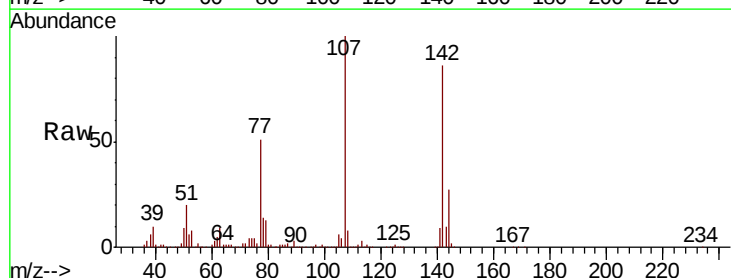
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

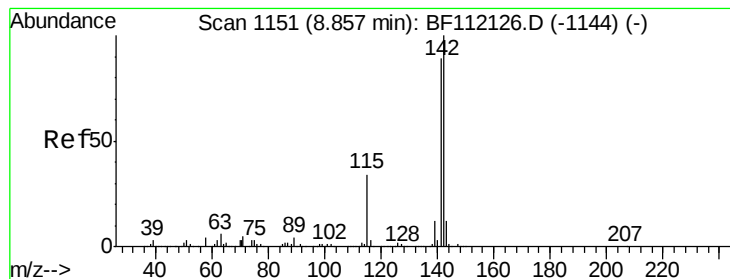
Tgt Ion:113 Resp: 67379
 Ion Ratio Lower Upper
 113 100
 55 147.2 121.6 161.6
 56 109.2 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.257 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:107 Resp: 616066
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.2
 142 85.9 67.7 101.5





#37

2-Methylnaphthalene

Concen: 45.041 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

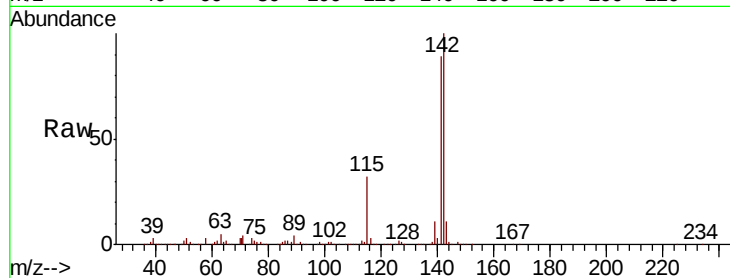
Tgt Ion:142 Resp: 1430903

Ion Ratio Lower Upper

142 100

141 89.5 70.9 106.3

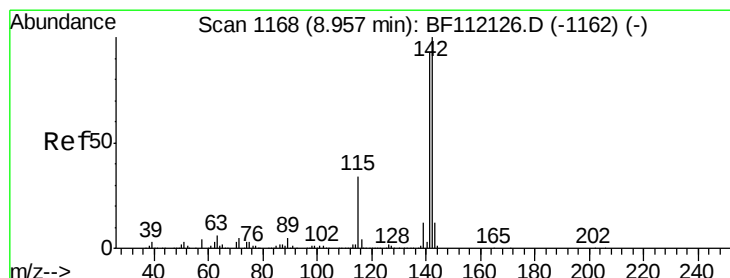
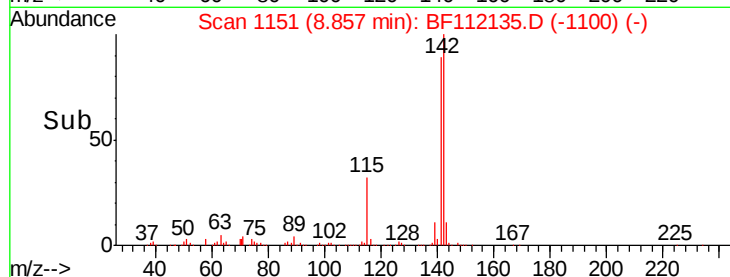
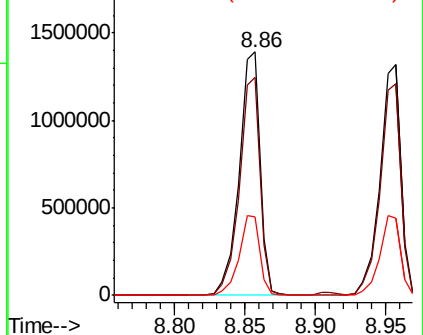
115 32.4 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.913 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

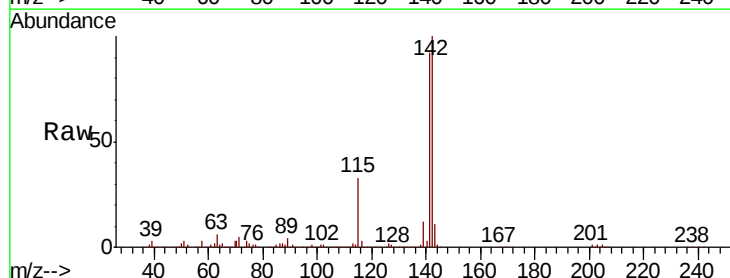
Tgt Ion:142 Resp: 1340742

Ion Ratio Lower Upper

142 100

141 91.8 72.6 108.8

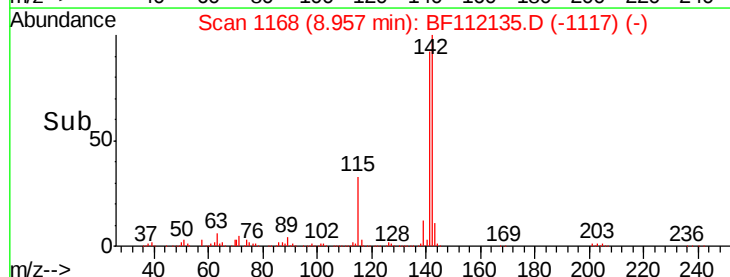
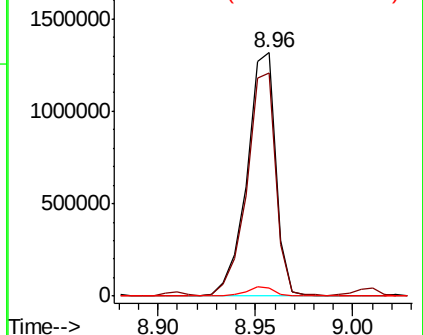
116 3.3 2.8 4.2

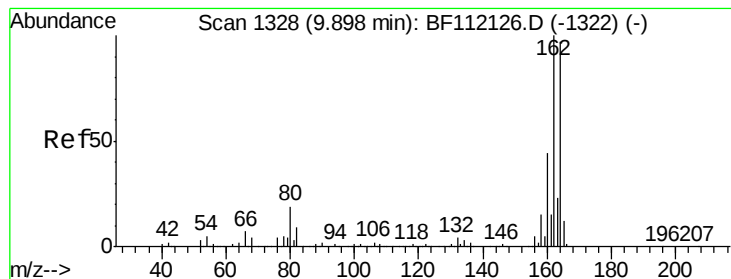


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

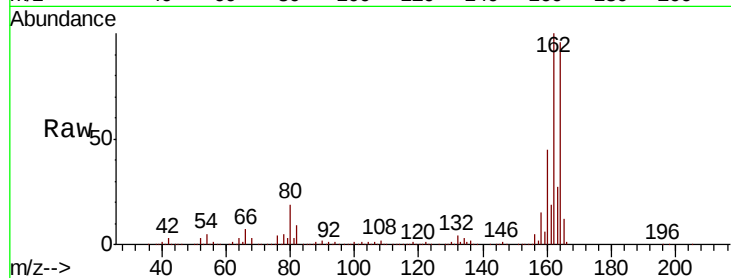
Tgt Ion:164 Resp: 518486

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

160 46.4 36.2 54.4

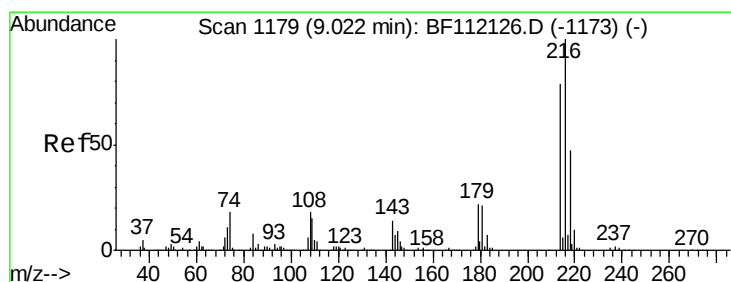
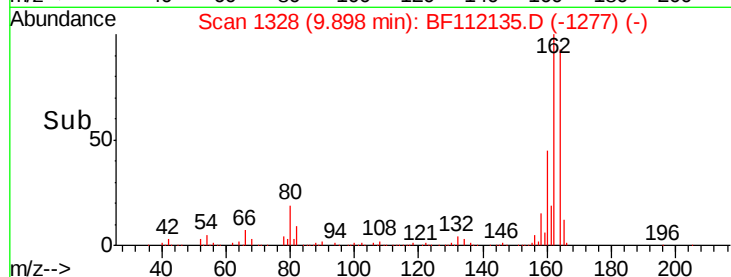
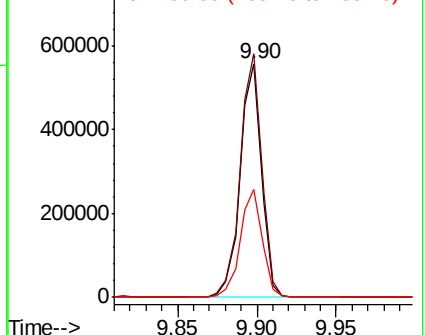


Abundance

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: 40.111 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:216 Resp: 667816

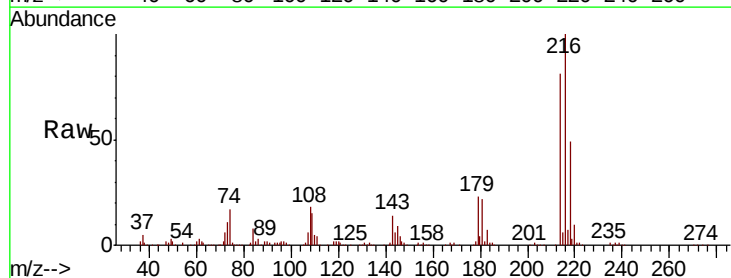
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.7 16.9 25.3

108 18.2 14.2 21.4



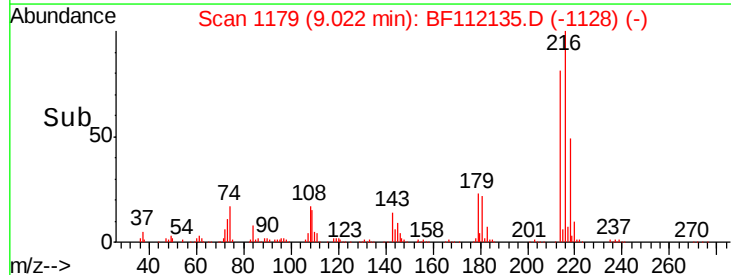
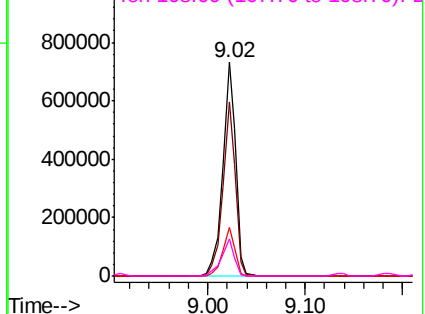
Abundance

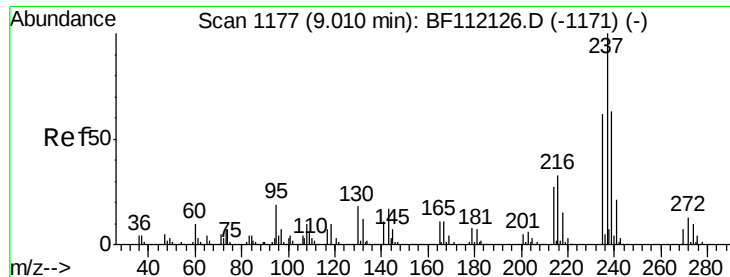
Ion 216.00 (215.70 to 216.70): E

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: 49.080 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

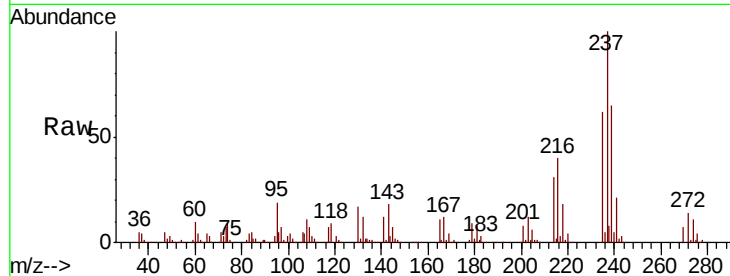
Tgt Ion: 237 Resp: 304088

Ion Ratio Lower Upper

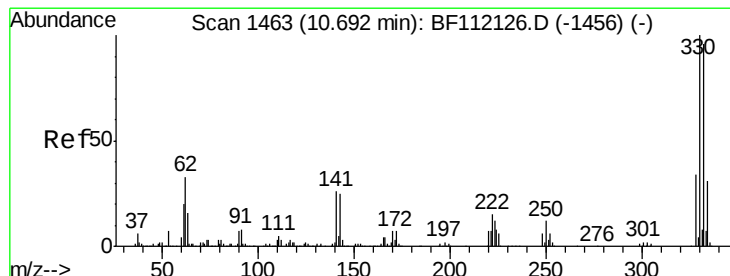
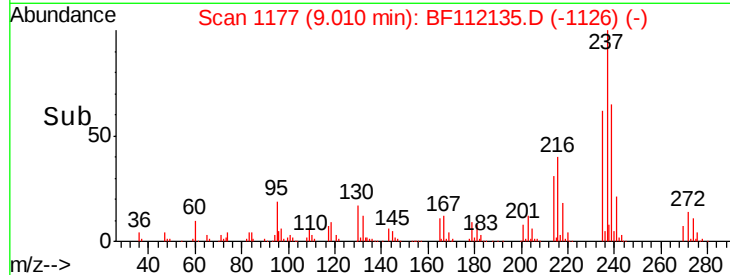
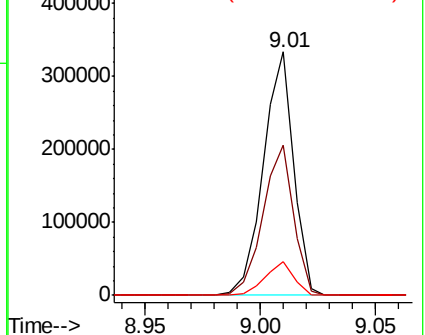
237 100

235 61.6 44.0 84.0

272 13.8 0.0 33.3



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: 128.301 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

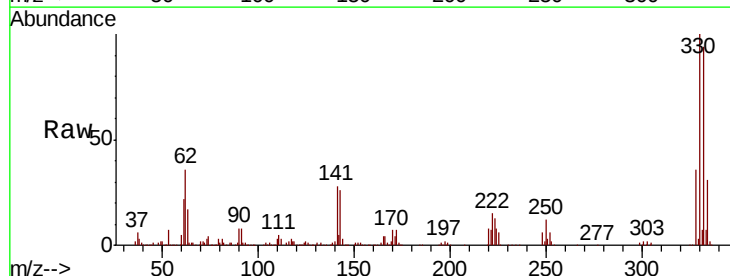
Tgt Ion: 330 Resp: 717627

Ion Ratio Lower Upper

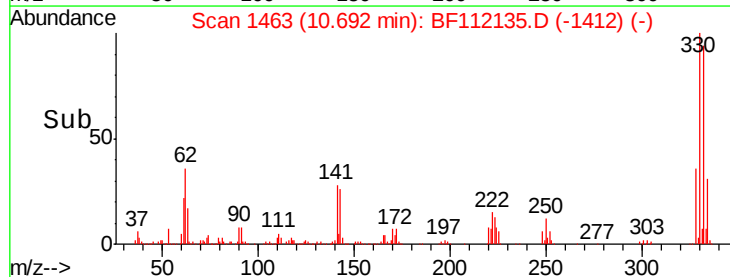
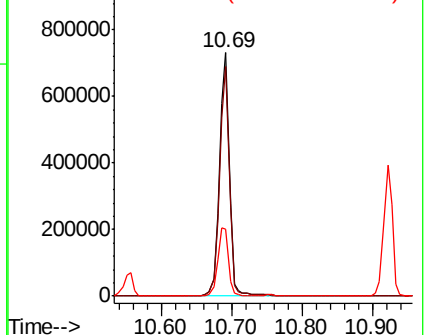
330 100

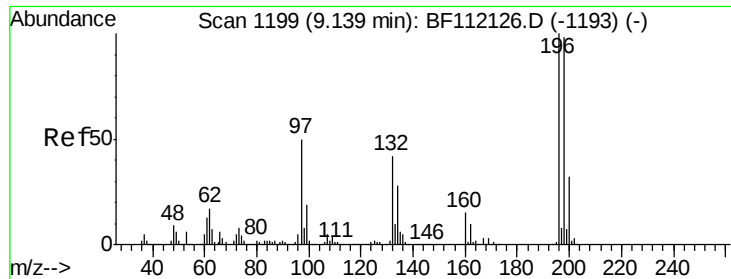
332 94.0 76.6 114.8

141 30.6 24.3 36.5



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

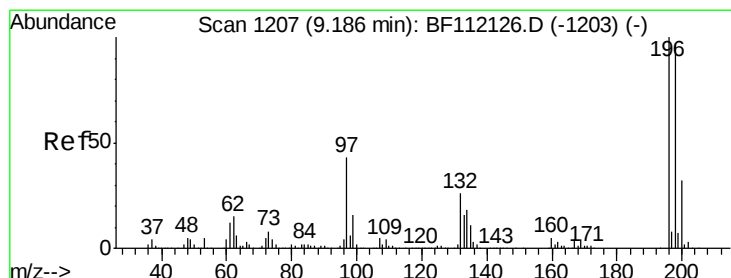
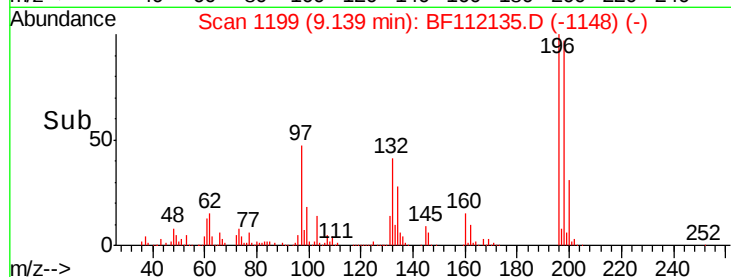
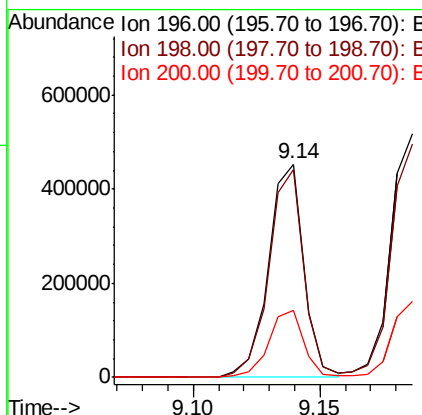
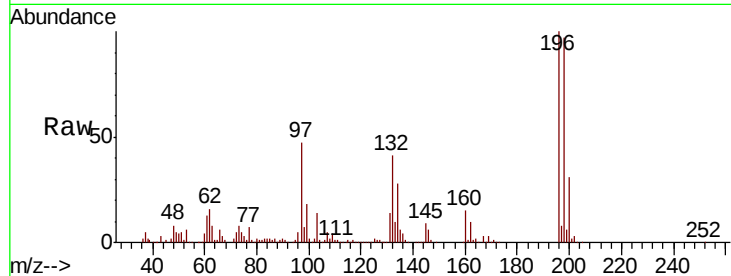




#43
 2,4,6-Trichlorophenol
 Concen: 43.991 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

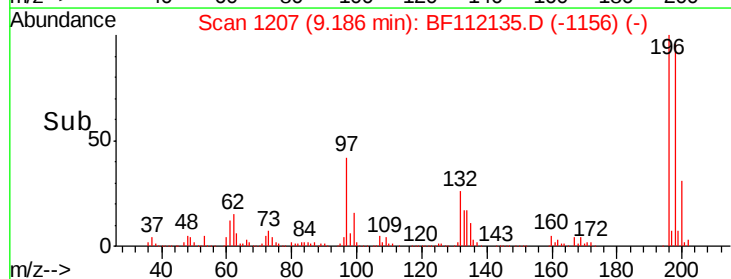
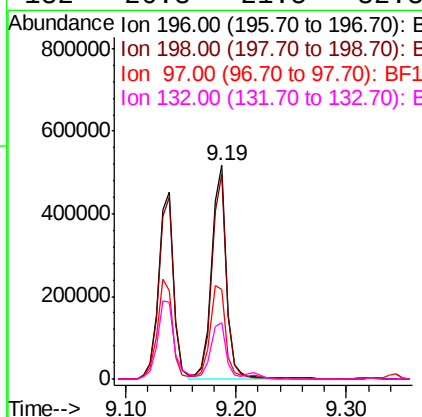
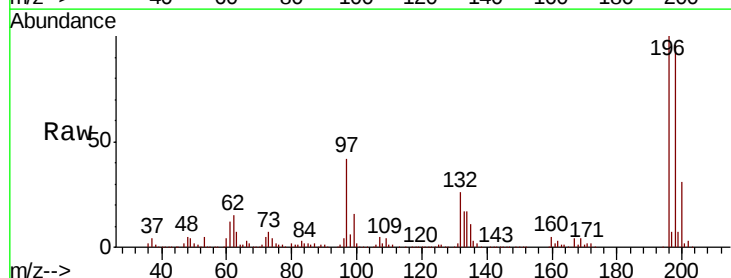
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

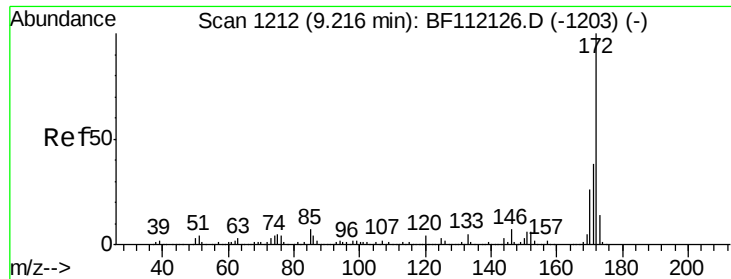
Tgt Ion:196 Resp: 438151
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.2 114.4
 200 31.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.380 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:196 Resp: 470779
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.0 114.0
 97 41.7 36.4 54.6
 132 26.3 21.5 32.3

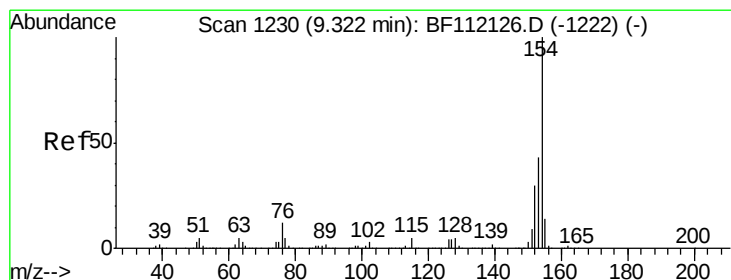
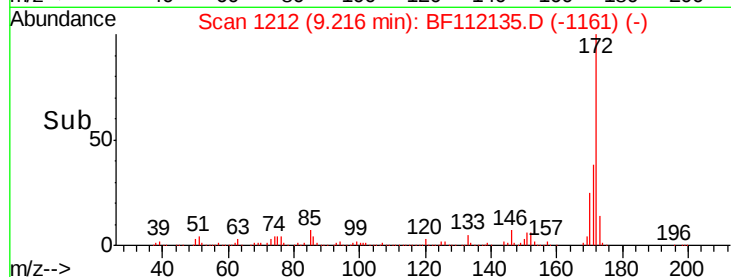
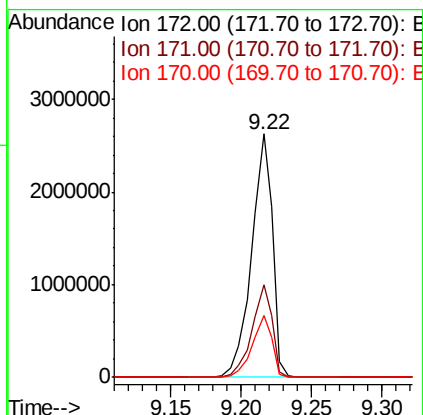
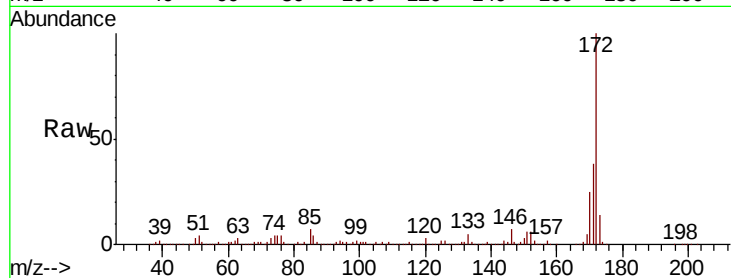




#45
 2-Fluorobiphenyl
 Concen: 77.179 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

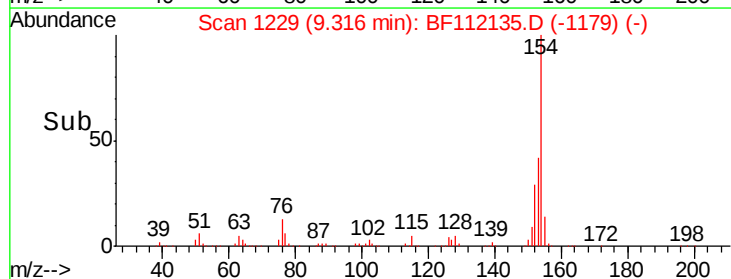
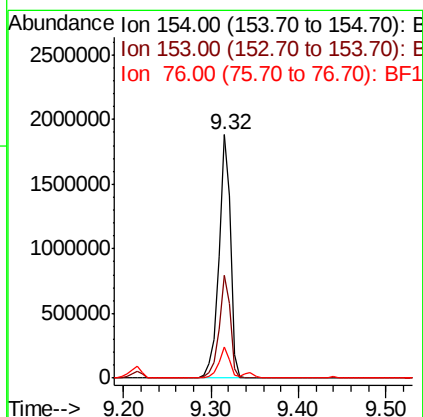
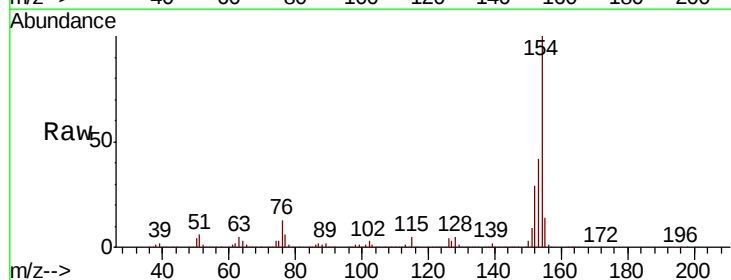
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

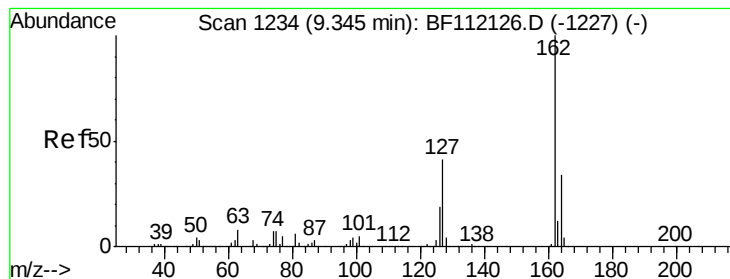
Tgt Ion:172 Resp: 2729412
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.4 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.874 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:154 Resp: 1728715
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.5 61.5
 76 12.6 0.0 33.1





#47

2-Chloronaphthalene

Concen: 39.361 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

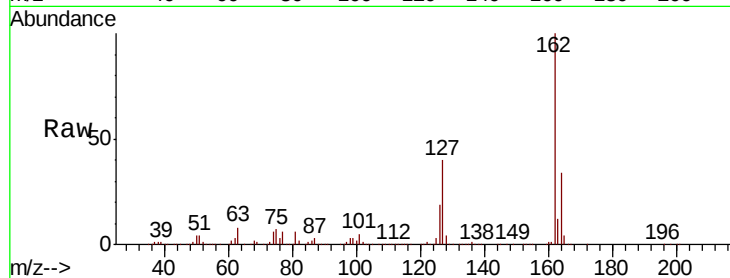
Tgt Ion: 162 Resp: 1335767

Ion Ratio Lower Upper

162 100

127 39.9 30.4 45.6

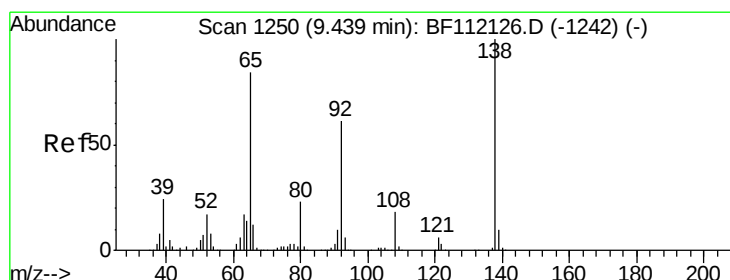
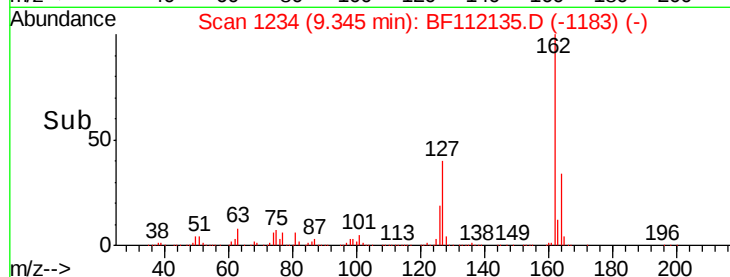
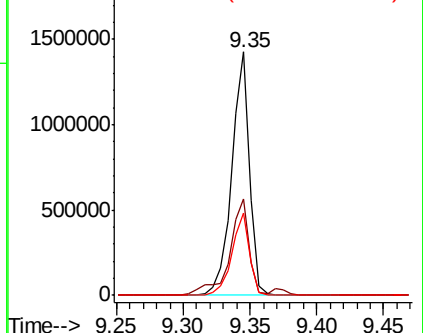
164 33.7 27.4 41.2



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: 48.838 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

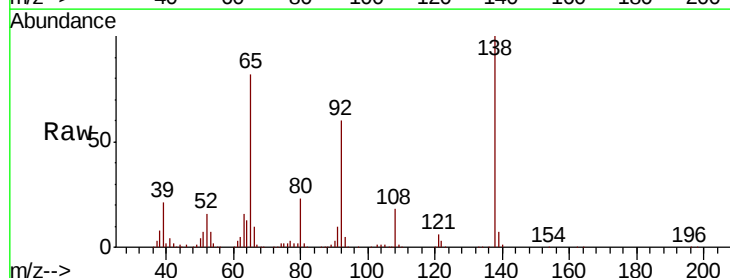
Tgt Ion: 65 Resp: 373313

Ion Ratio Lower Upper

65 100

92 73.2 60.4 90.6

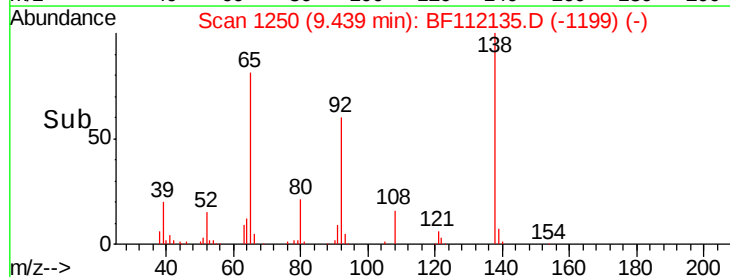
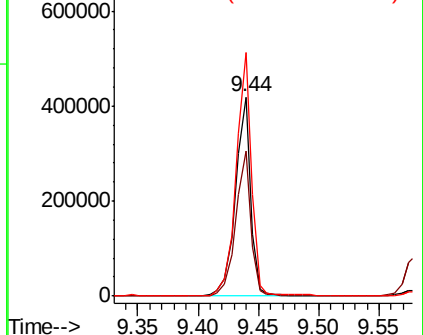
138 122.4 104.4 156.6

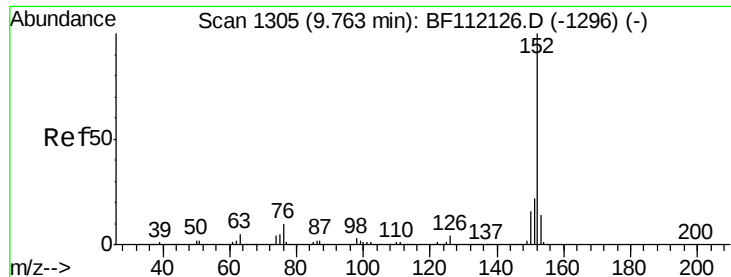


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.903 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

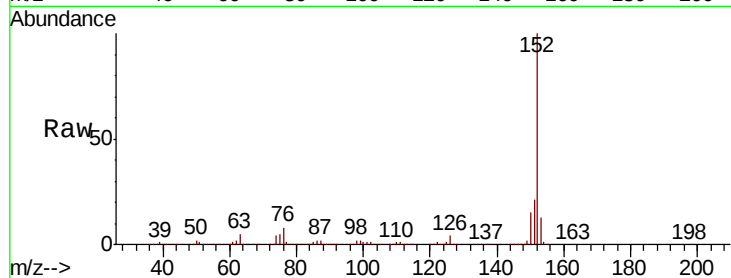
Tgt Ion:152 Resp: 2124662

Ion Ratio Lower Upper

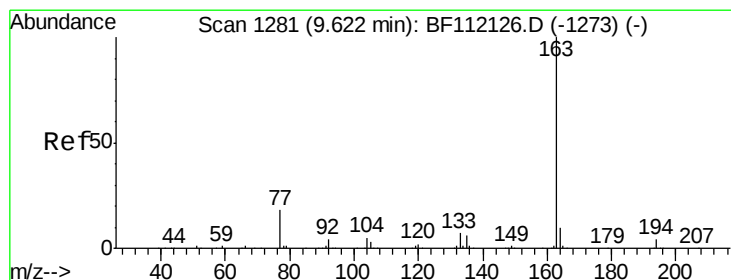
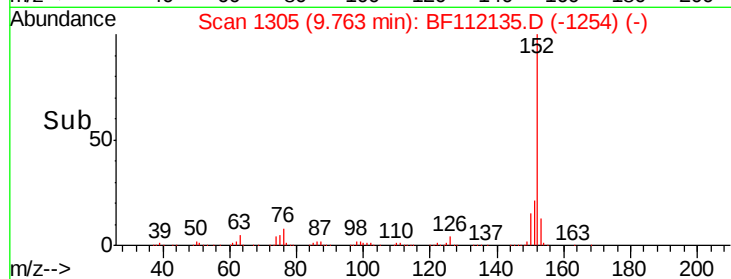
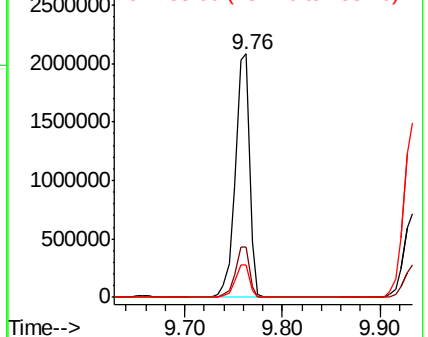
152 100

151 20.9 17.0 25.6

153 13.4 11.2 16.8



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: 43.230 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

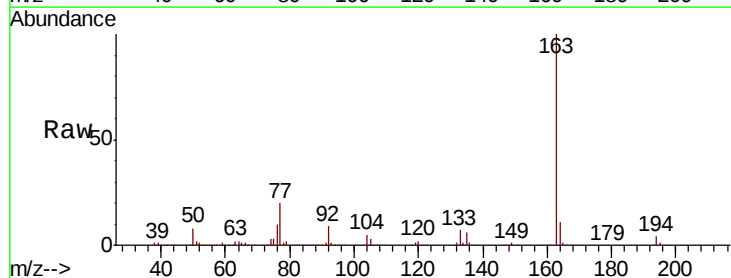
Tgt Ion:163 Resp: 1634637

Ion Ratio Lower Upper

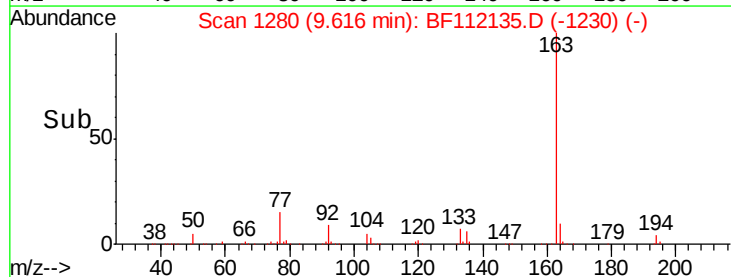
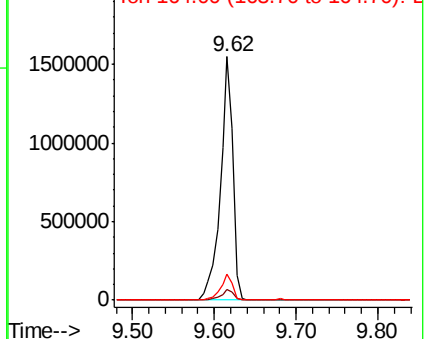
163 100

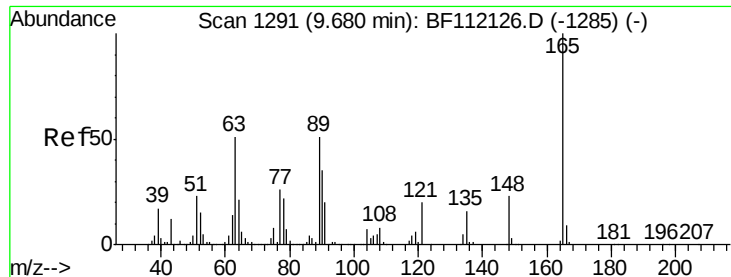
194 4.2 3.3 4.9

164 10.5 8.5 12.7



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

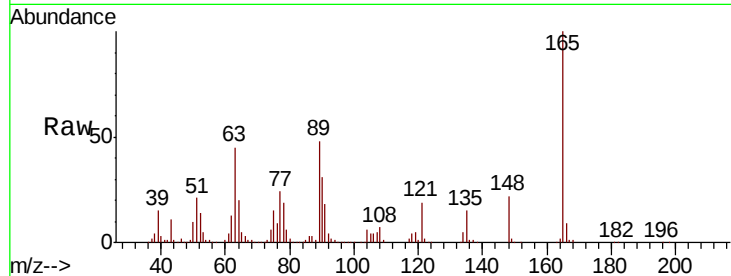




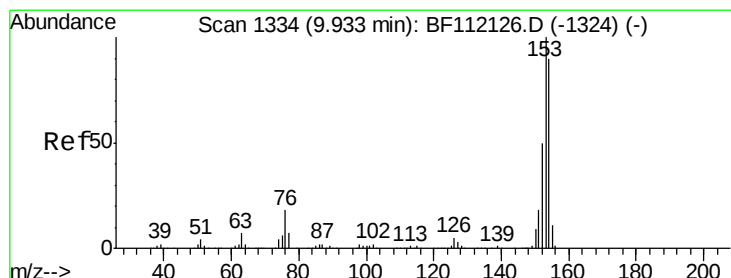
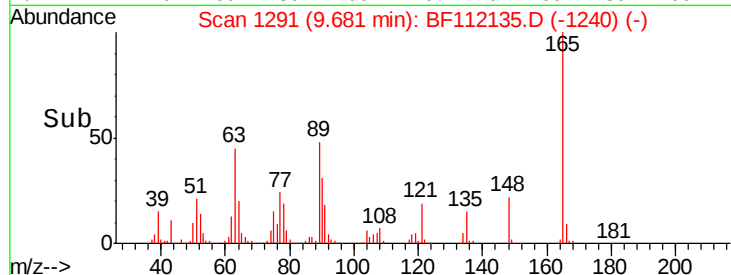
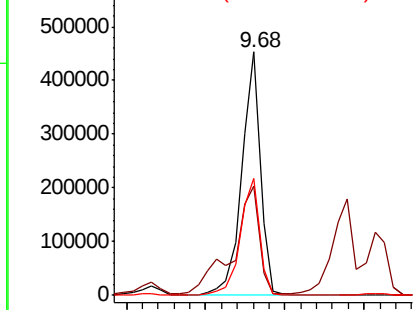
#51
2,6-Dinitrotoluene
Concen: 48.987 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:165 Resp: 369917
Ion Ratio Lower Upper
165 100
63 44.8 33.8 50.8
89 48.1 36.9 55.3

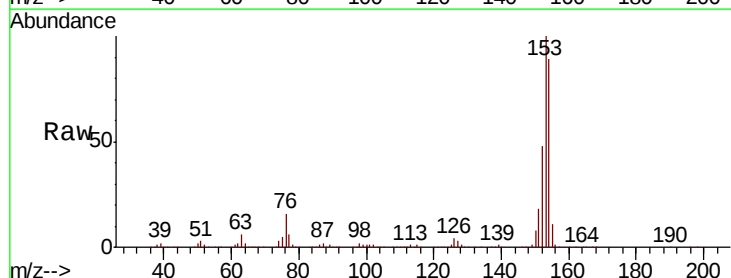


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

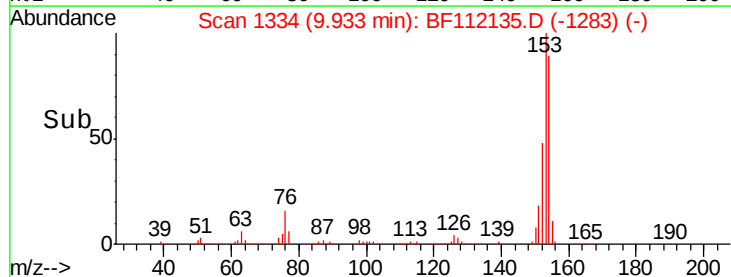
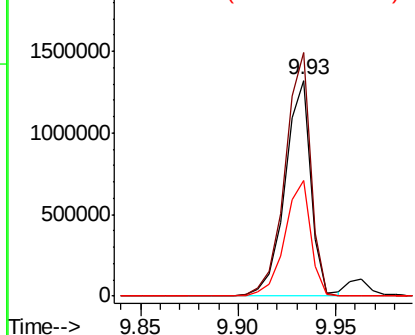


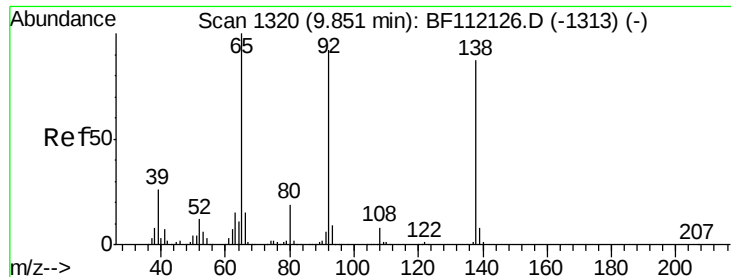
#52
Acenaphthene
Concen: 40.195 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:154 Resp: 1217922
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 53.8 43.5 65.3



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

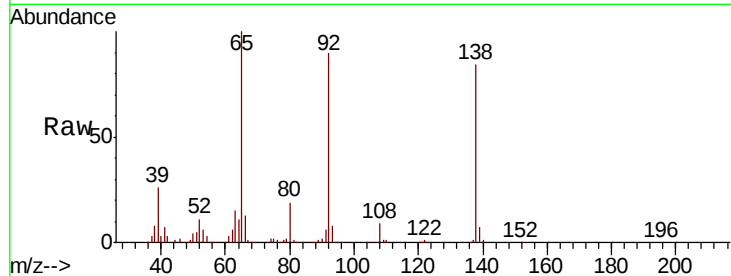




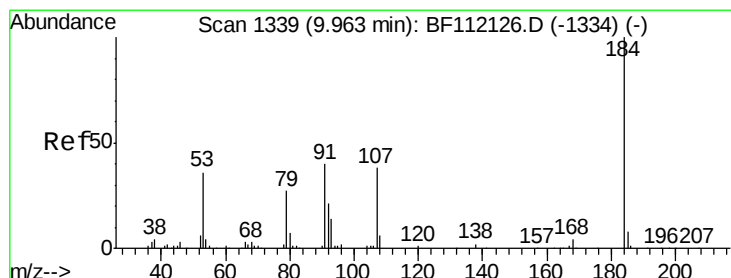
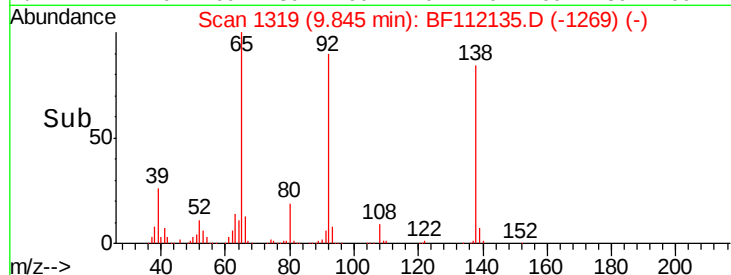
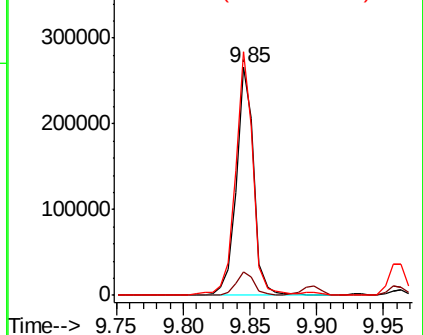
#53
3-Nitroaniline
Concen: 29.046 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:138 Resp: 245270
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 106.8 79.4 119.2

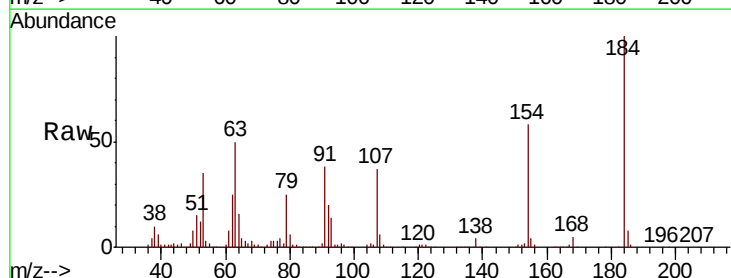


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

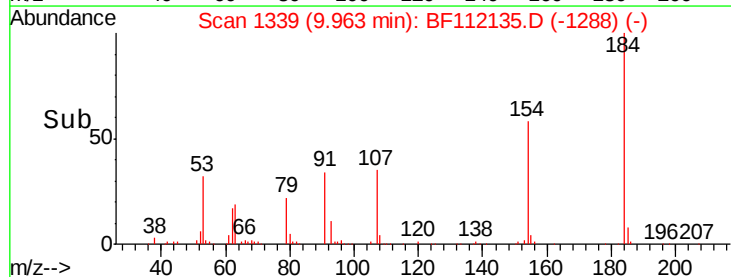
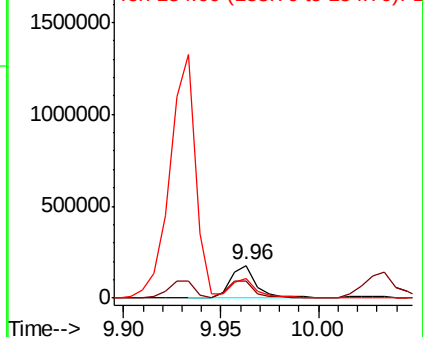


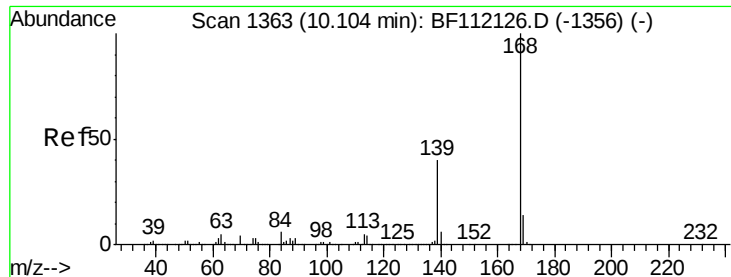
#54
2,4-Dinitrophenol
Concen: 72.209 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:184 Resp: 167252
Ion Ratio Lower Upper
184 100
63 50.0 47.1 70.7
154 57.8 48.9 73.3



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

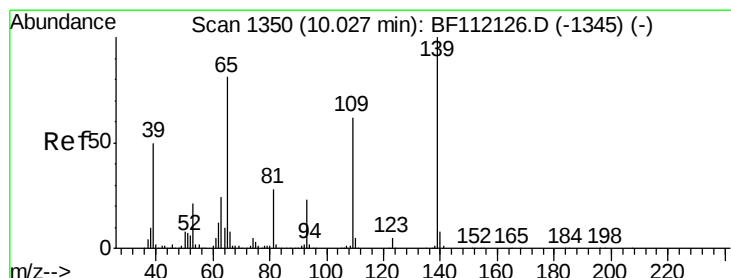
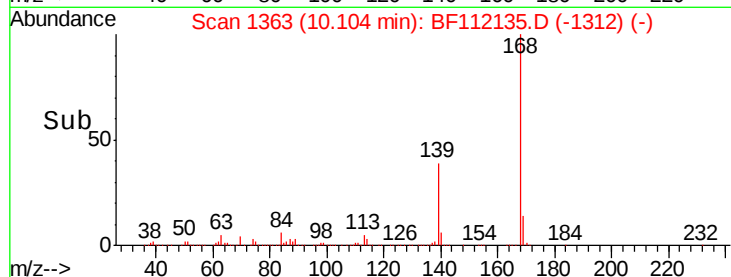
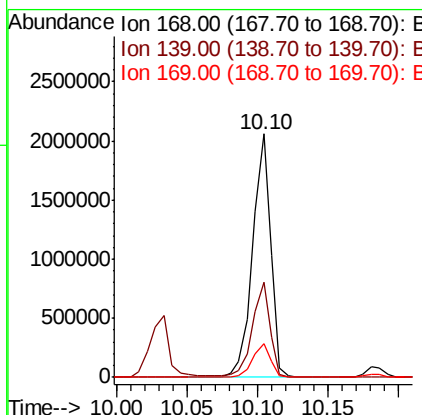
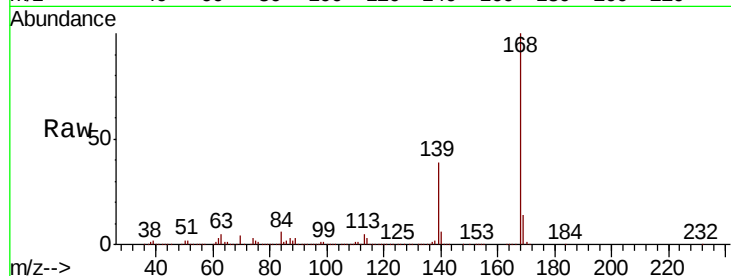




#55
Dibenzofuran
Concen: 40.758 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

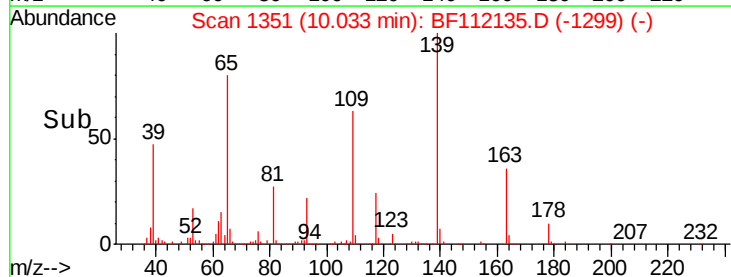
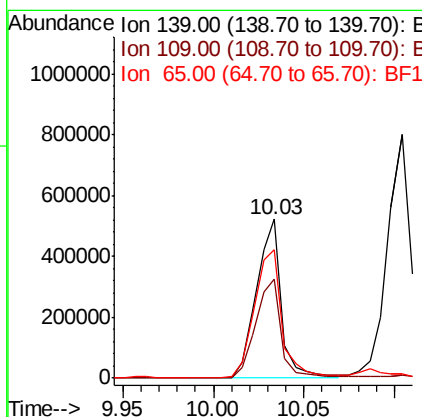
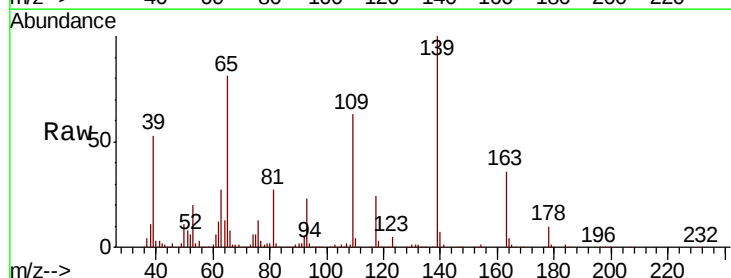
Instrument :
BNA_F
ClientSampleId :
PB116493BS

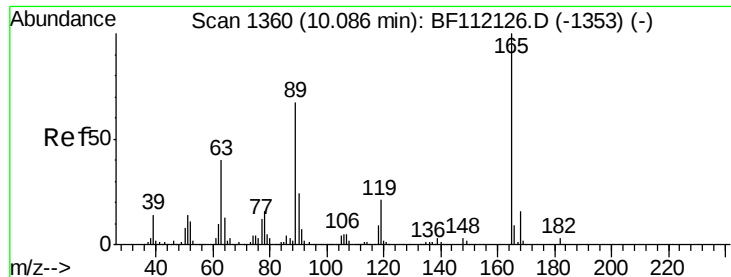
Tgt Ion:168 Resp: 1867608
Ion Ratio Lower Upper
168 100
139 38.9 29.2 43.8
169 14.0 11.4 17.0



#56
4-Nitrophenol
Concen: 82.502 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:139 Resp: 499074
Ion Ratio Lower Upper
139 100
109 62.8 42.8 82.8
65 80.7 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 49.084 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

Tgt Ion:165 Resp: 476897

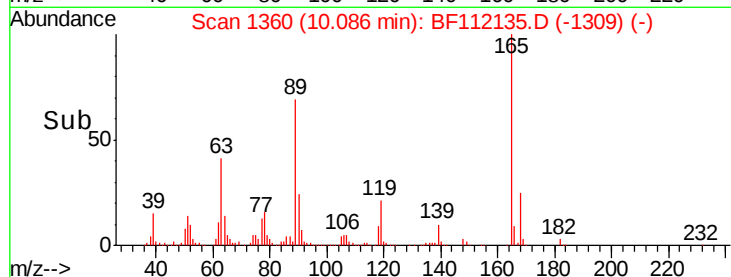
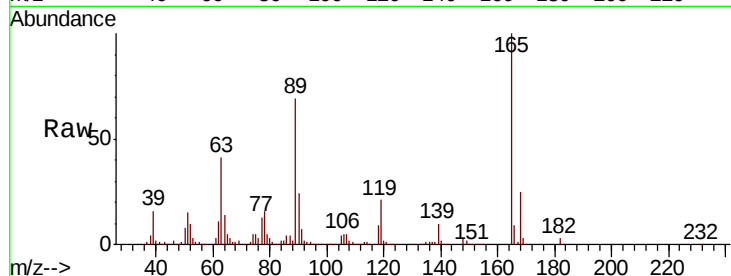
Ion Ratio Lower Upper

165 100

63 40.8 27.9 41.9

89 68.6 47.9 71.9

182 3.0 2.2 3.4

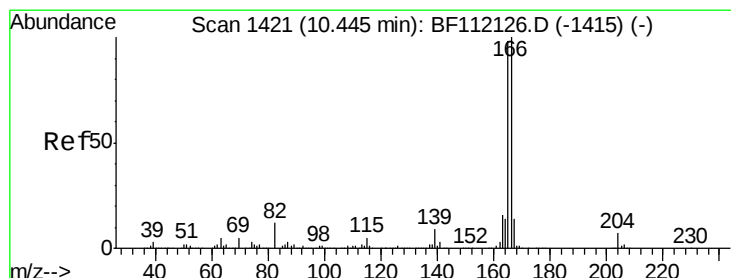
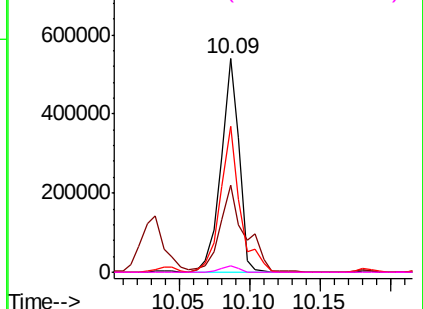


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.551 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

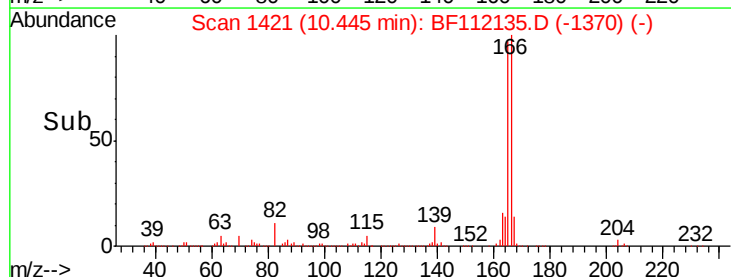
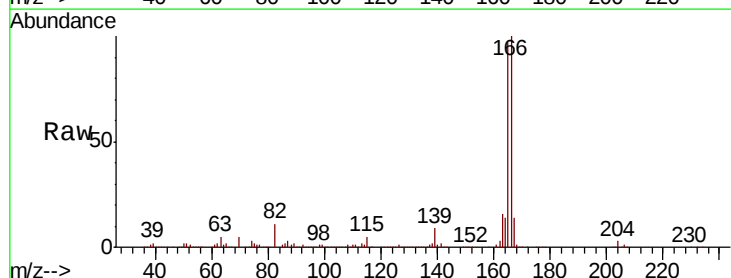
Tgt Ion:166 Resp: 1456761

Ion Ratio Lower Upper

166 100

165 97.5 77.1 115.7

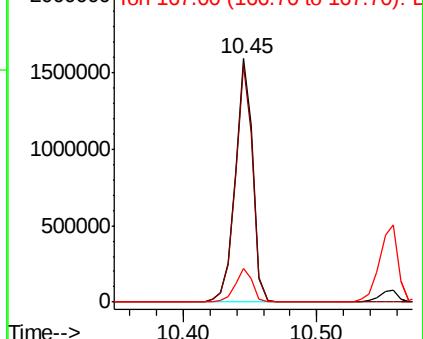
167 13.9 11.3 16.9

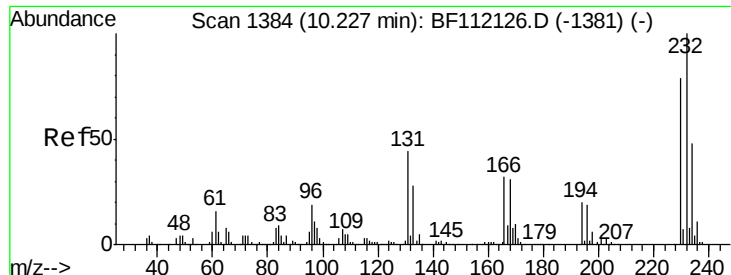


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

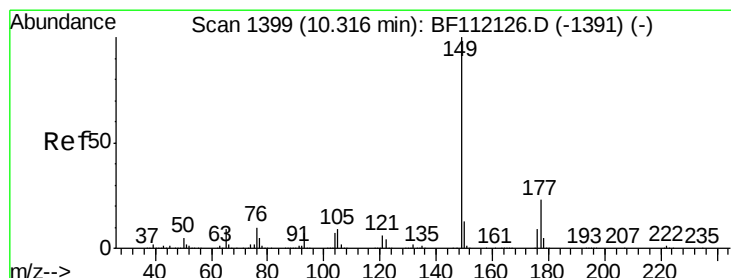
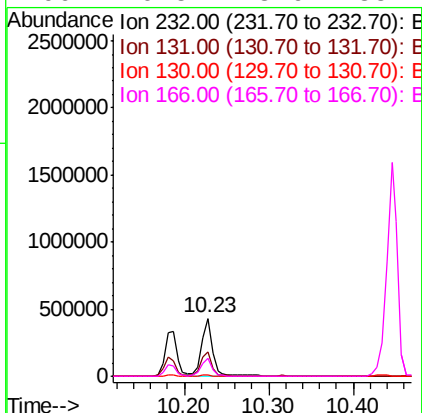
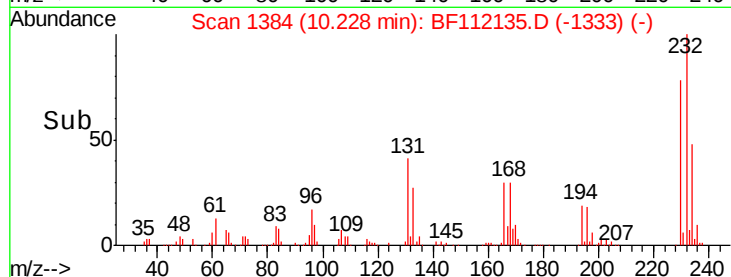
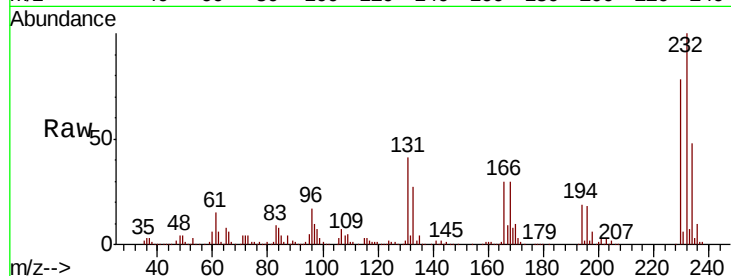




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.866 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

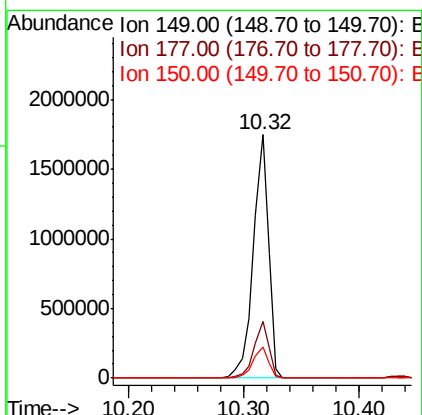
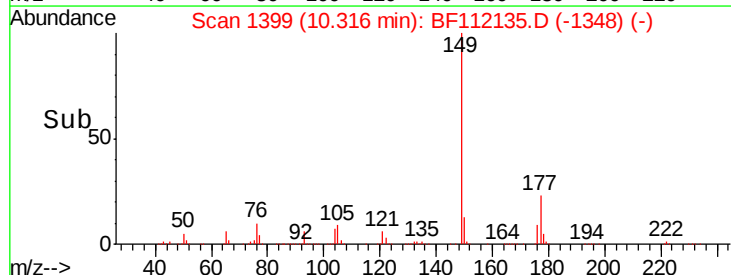
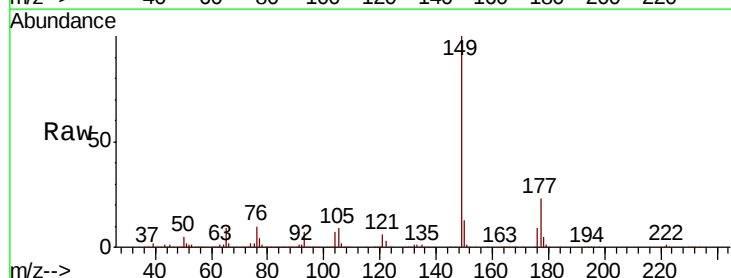
Instrument :
BNA_F
ClientSampleId :
PB116493BS

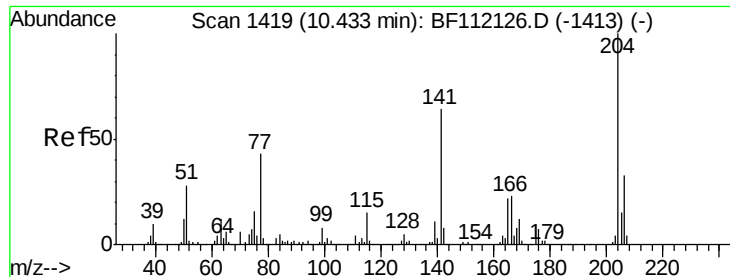
Tgt Ion:232 Resp: 391166
Ion Ratio Lower Upper
232 100
131 41.6 33.9 50.9
130 2.2 1.8 2.6
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 43.452 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:149 Resp: 1603815
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.8 10.4 15.6

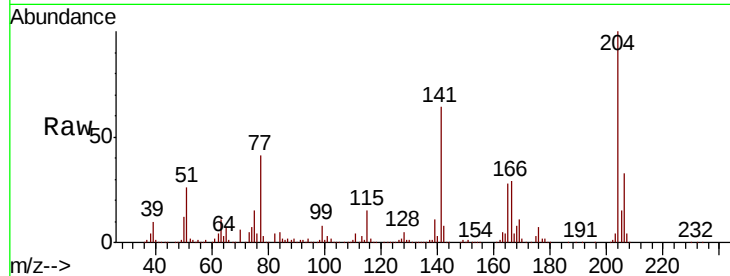




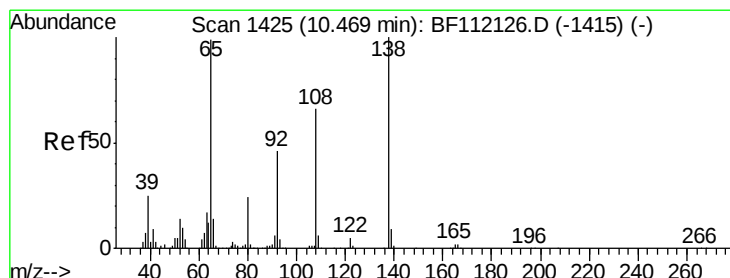
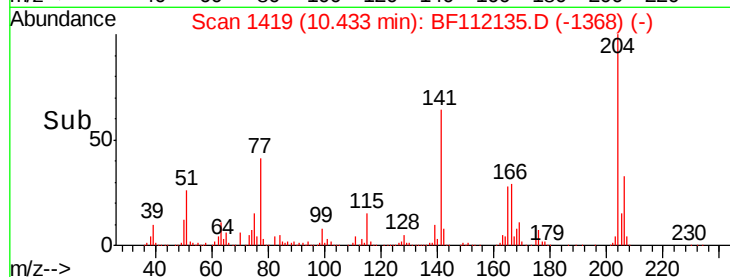
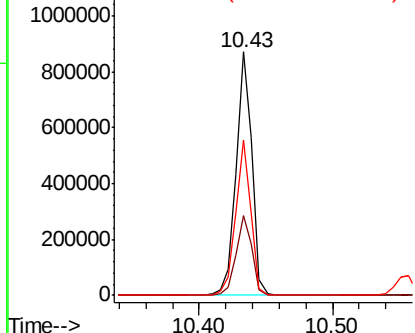
#61
4-Chlorophenyl-phenylether
Concen: 39.119 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:204 Resp: 722691
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.0 45.9 68.9

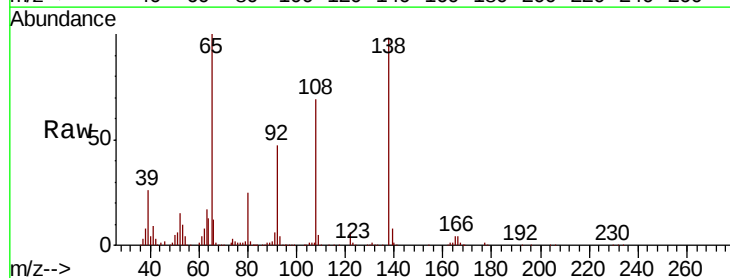


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

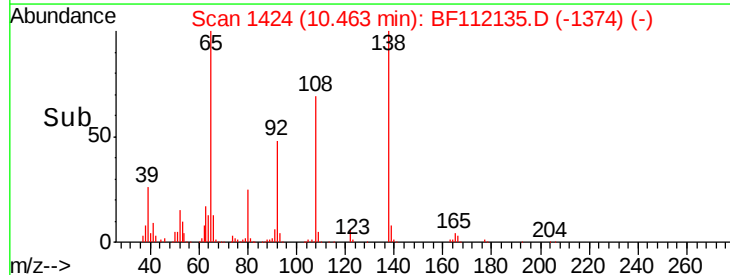
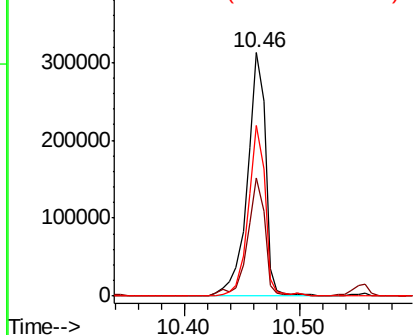


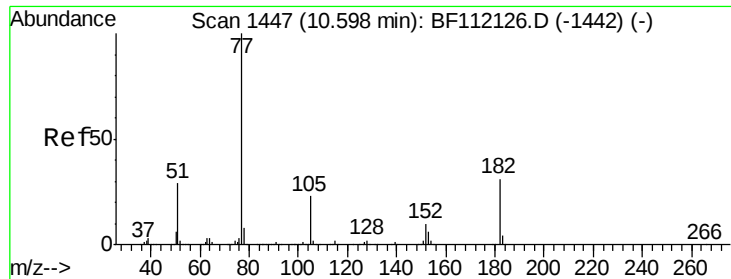
#62
4-Nitroaniline
Concen: 40.574 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:138 Resp: 340208
Ion Ratio Lower Upper
138 100
92 48.3 30.6 70.6
108 70.0 50.0 90.0



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

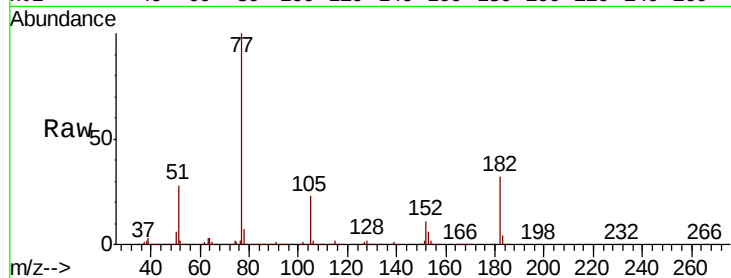




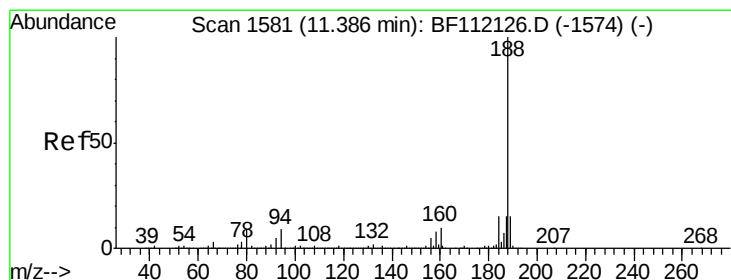
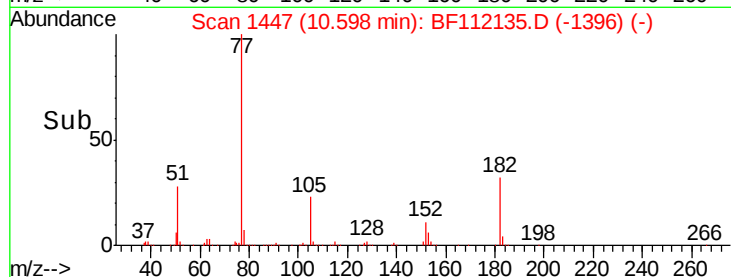
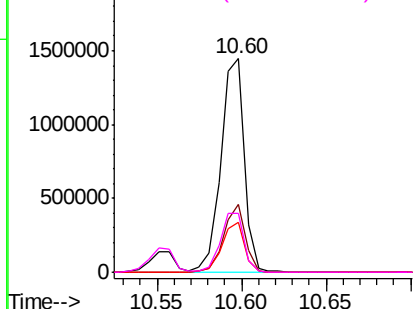
#63
Azobenzene
Concen: 39.362 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion: 77 Resp: 1391306
Ion Ratio Lower Upper
77 100
182 32.0 5.7 45.7
105 23.3 1.4 41.4
51 27.9 9.5 49.5

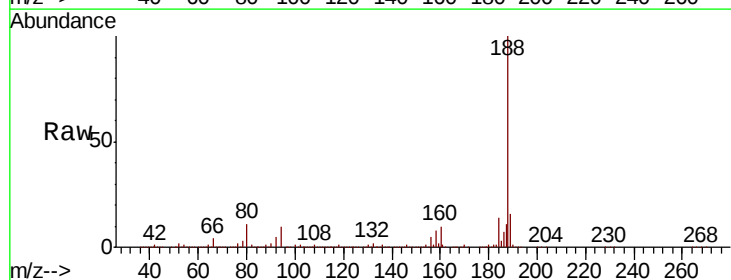


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

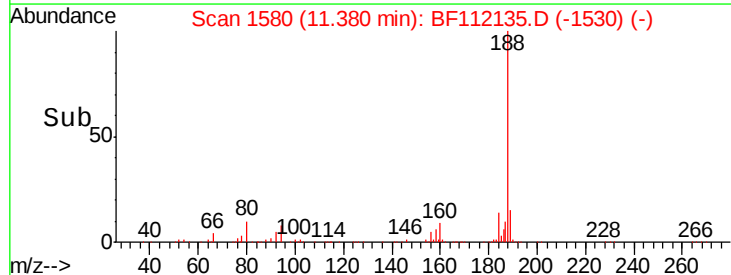
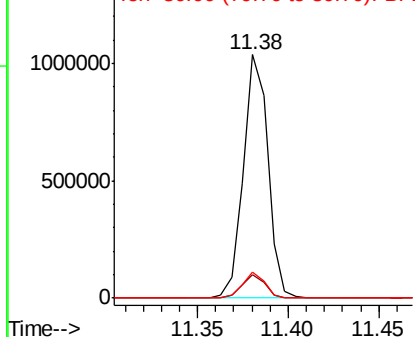


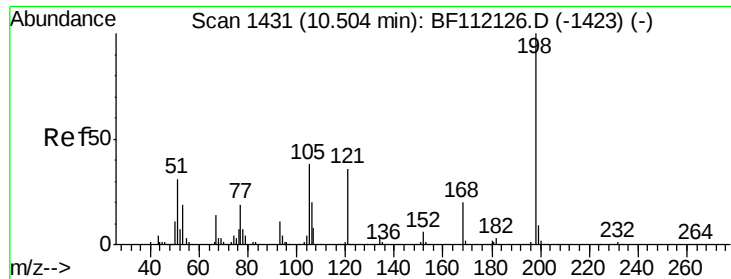
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion: 188 Resp: 975279
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.5 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

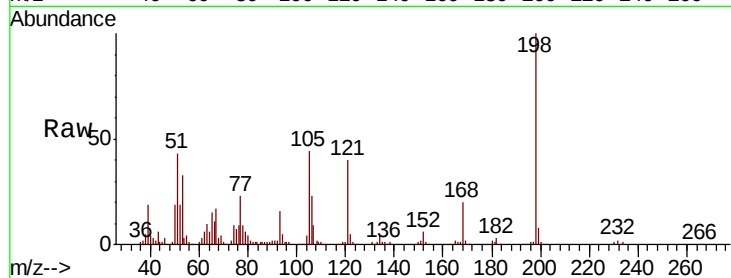




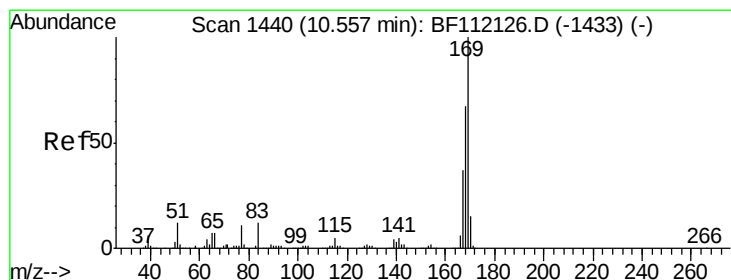
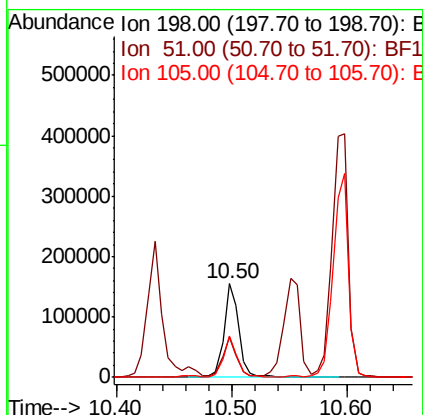
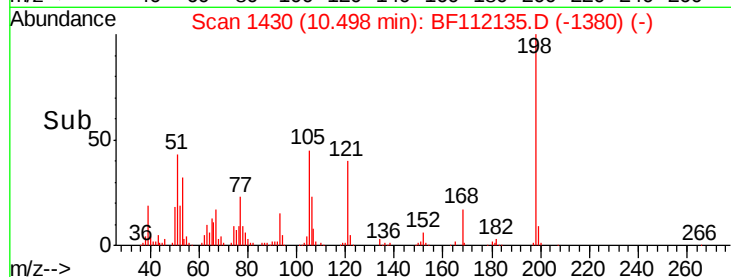
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.145 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Tgt Ion:198 Resp: 139374
 Ion Ratio Lower Upper
 198 100
 51 42.6 17.2 57.2
 105 44.3 21.9 61.9

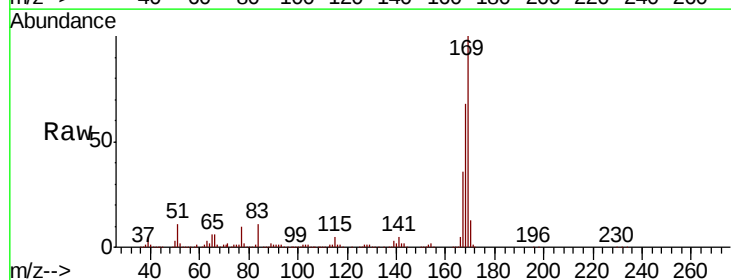


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

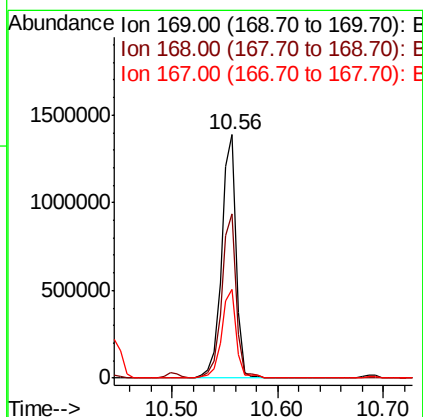
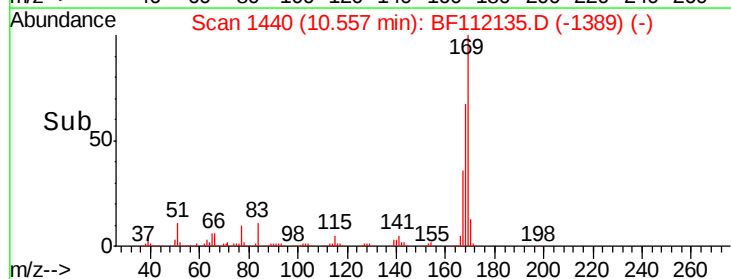


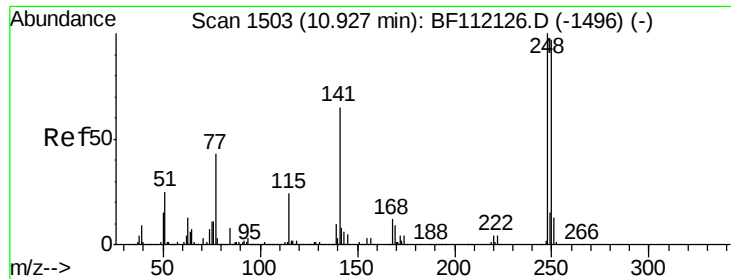
#66
 n-Nitrosodiphenylamine
 Concen: 41.297 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:169 Resp: 1331479
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 36.3 28.9 43.3



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

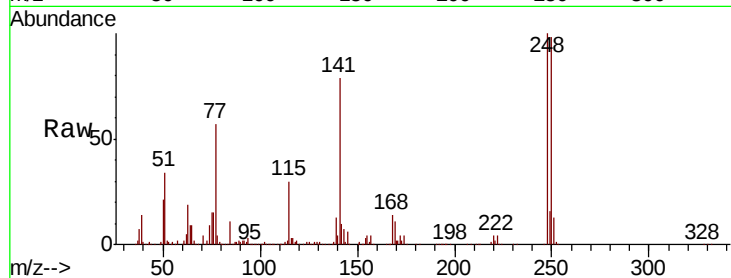




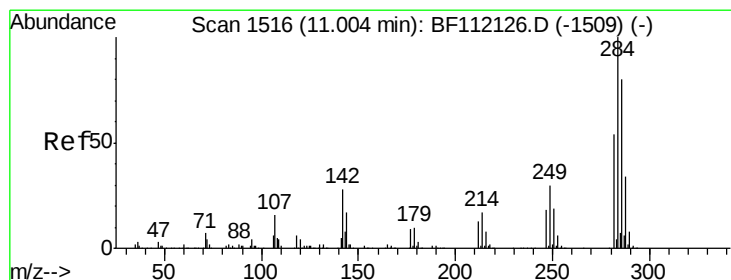
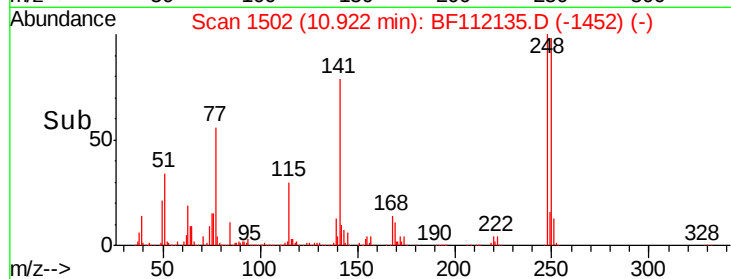
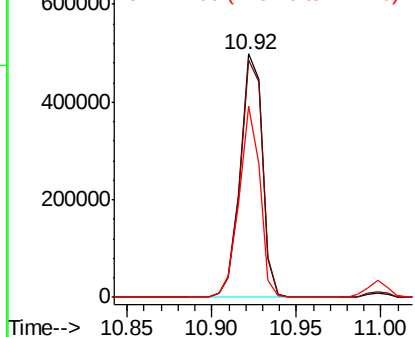
#67
4-Bromophenyl-phenylether
Concen: 40.503 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:248 Resp: 458824
Ion Ratio Lower Upper
248 100
250 97.6 79.7 119.5
141 78.7 60.3 90.5

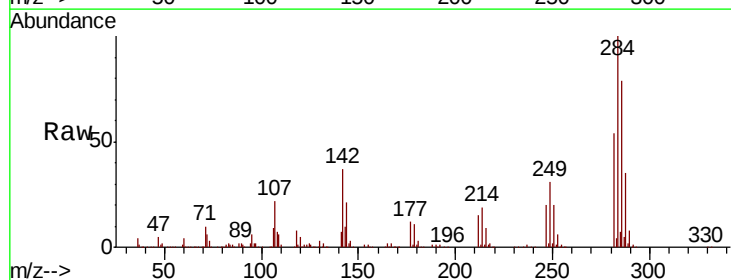


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

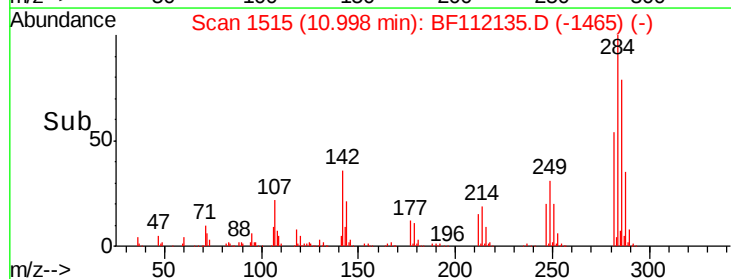
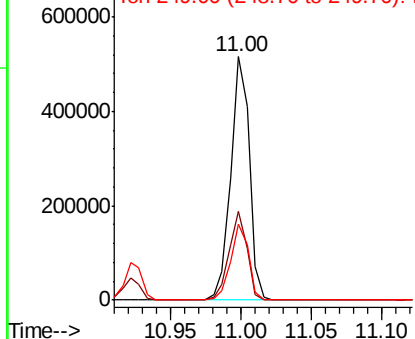


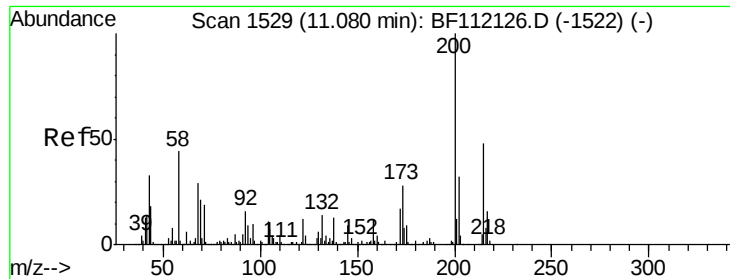
#68
Hexachlorobenzene
Concen: 38.732 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:284 Resp: 472645
Ion Ratio Lower Upper
284 100
142 36.6 27.6 41.4
249 31.4 24.1 36.1



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

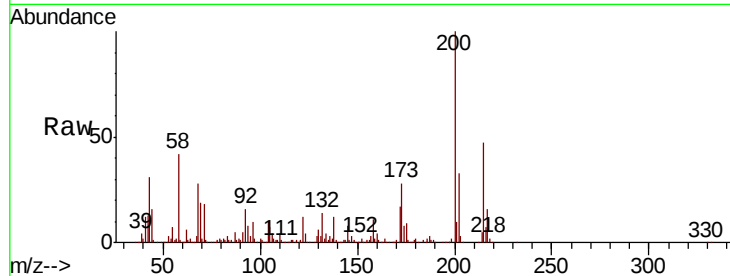




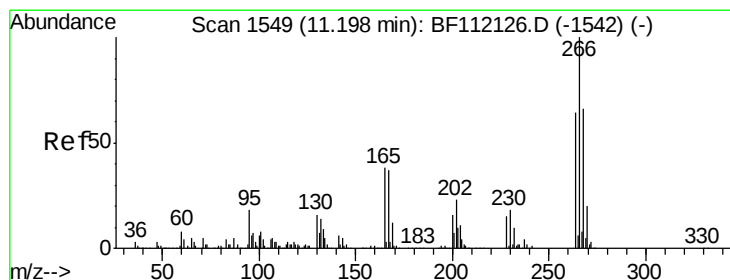
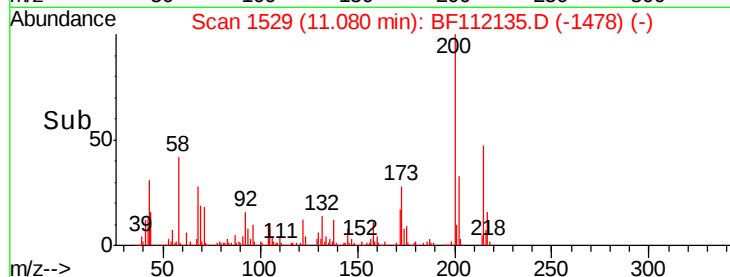
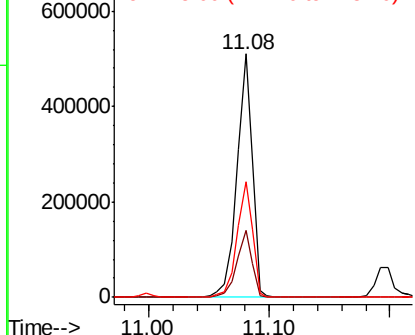
#69
Atrazine
Concen: 43.797 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:200 Resp: 455673
Ion Ratio Lower Upper
200 100
173 27.7 7.1 47.1
215 47.3 30.4 70.4

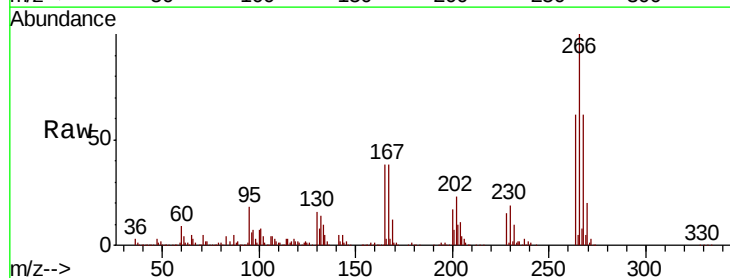


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

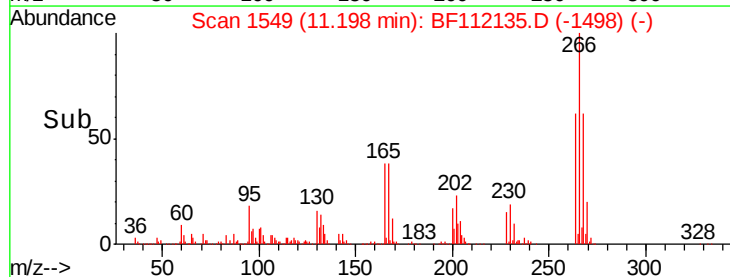
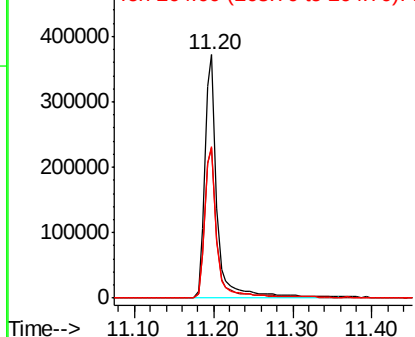


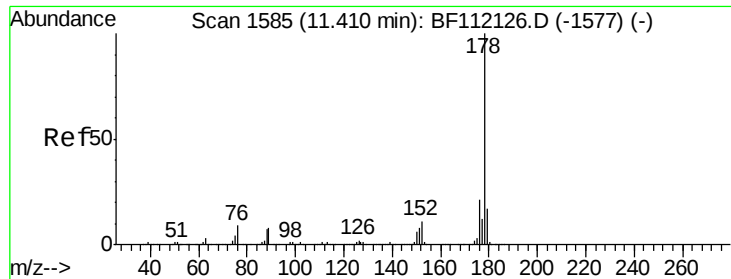
#70
Pentachlorophenol
Concen: 70.827 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:266 Resp: 411114
Ion Ratio Lower Upper
266 100
268 61.9 51.2 76.8
264 62.3 50.9 76.3



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

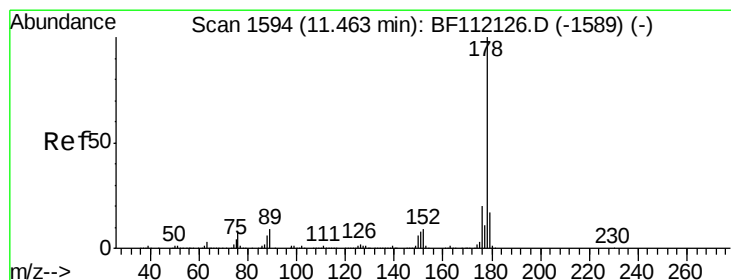
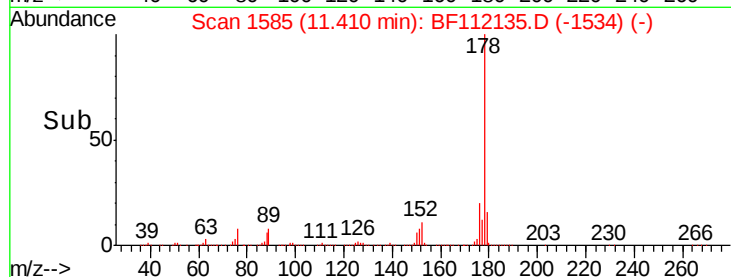
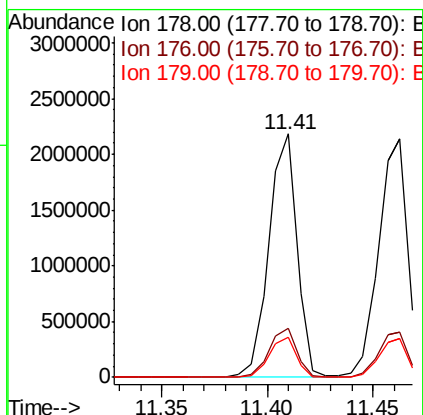
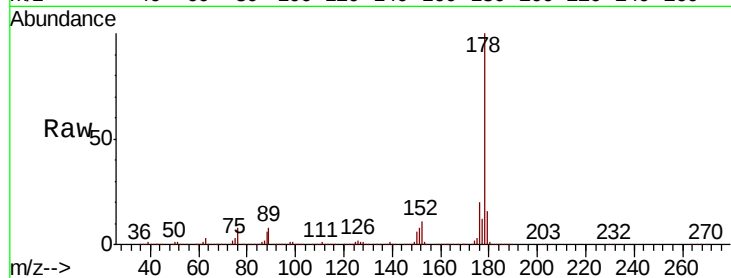




#71
Phenanthrene
Concen: 41.318 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

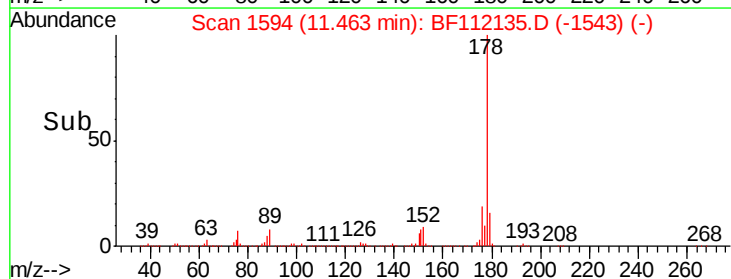
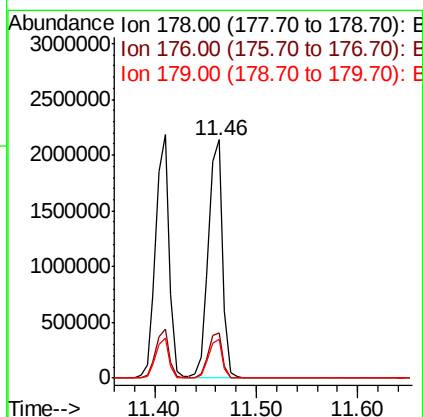
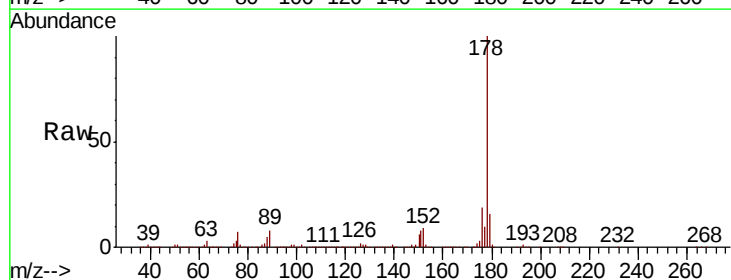
Instrument :
BNA_F
ClientSampleId :
PB116493BS

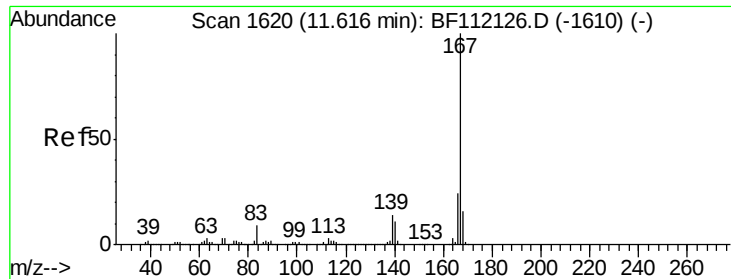
Tgt Ion:178 Resp: 2027949
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.4 13.0 19.4



#72
Anthracene
Concen: 41.825 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:178 Resp: 2079542
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.0 12.8 19.2

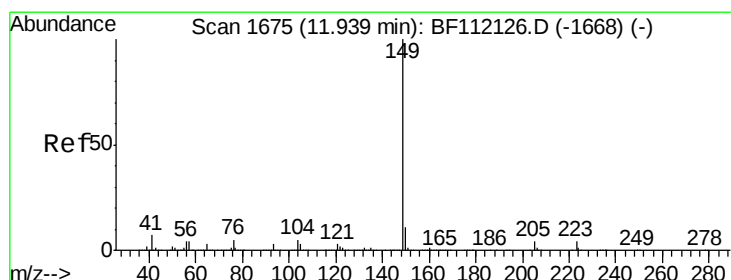
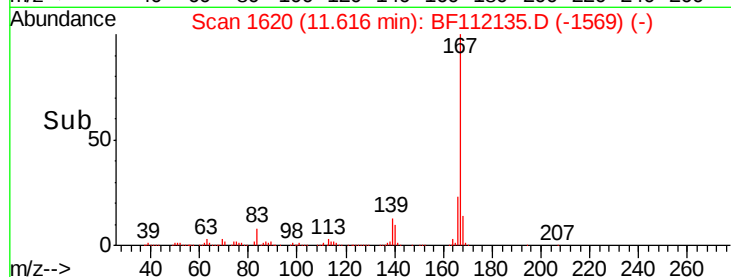
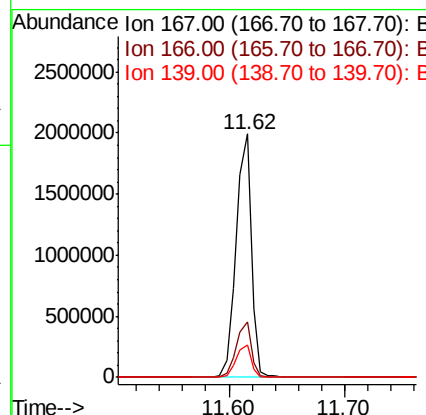
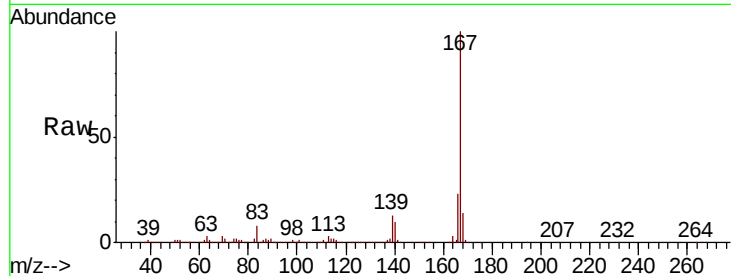




#73
 Carbazole
 Concen: 36.809 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

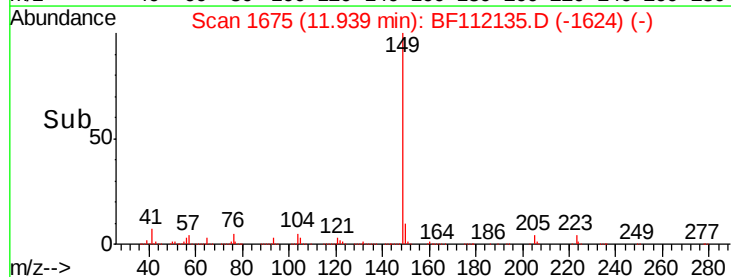
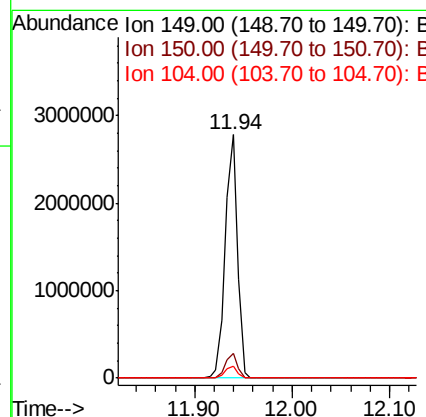
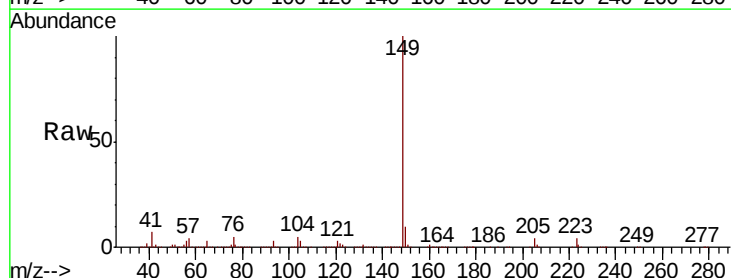
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

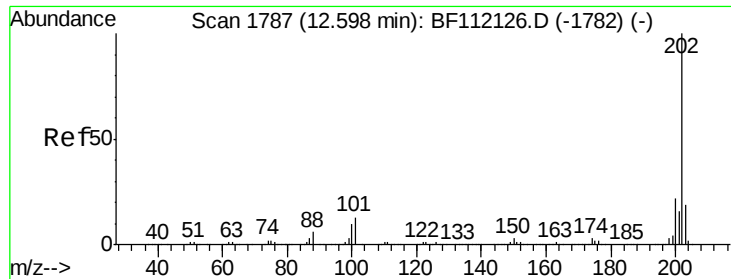
Tgt Ion:167 Resp: 1833362
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 13.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 43.104 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion:149 Resp: 2414937
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.1 3.9 5.9

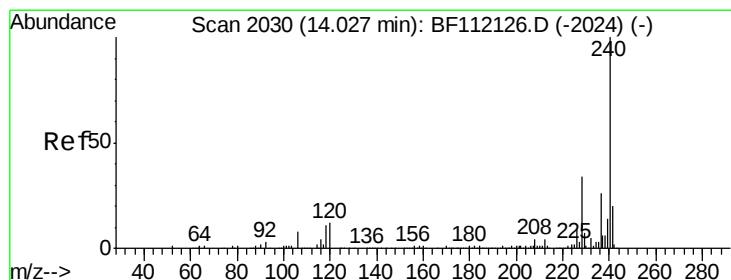
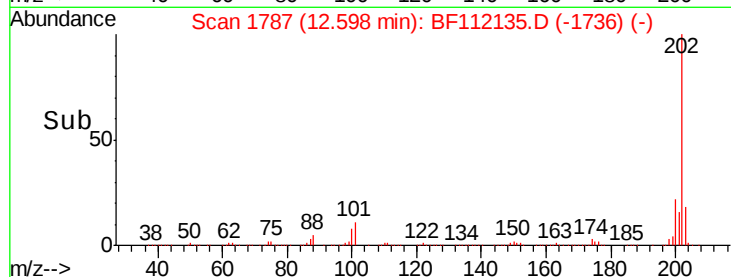
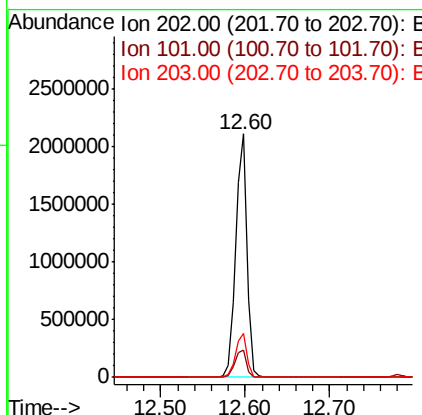
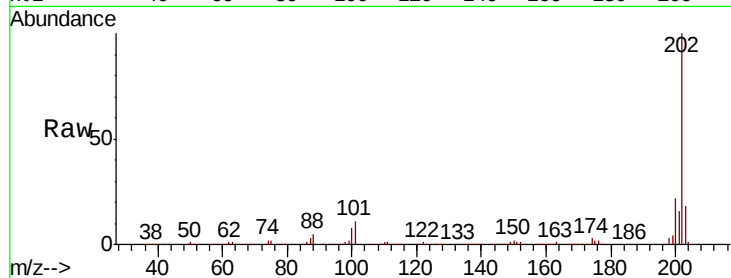




#75
 Fluoranthene
 Concen: 36.371 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

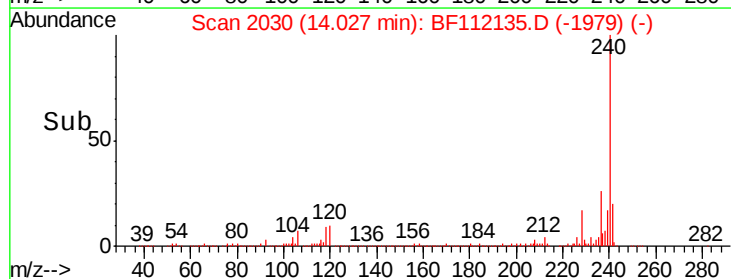
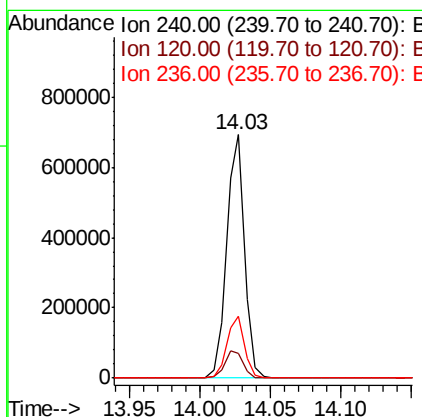
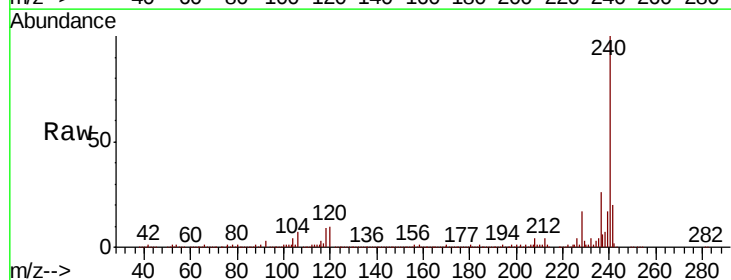
Instrument :
 BNA_F
 ClientSampled :
 PB116493BS

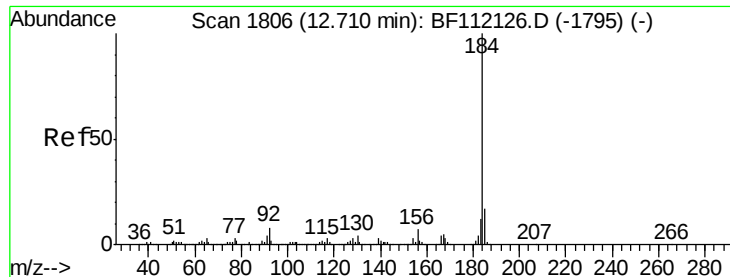
Tgt Ion: 202 Resp: 1884795
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.8
 203 18.0 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion: 240 Resp: 604241
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.0 13.6
 236 25.5 20.7 31.1





#77

Benzidine

Concen: 50.074 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampled :

PB116493BS

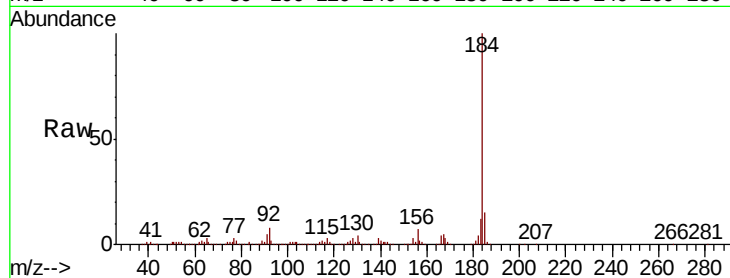
Tgt Ion:184 Resp: 1009514

Ion Ratio Lower Upper

184 100

185 15.0 13.9 20.9

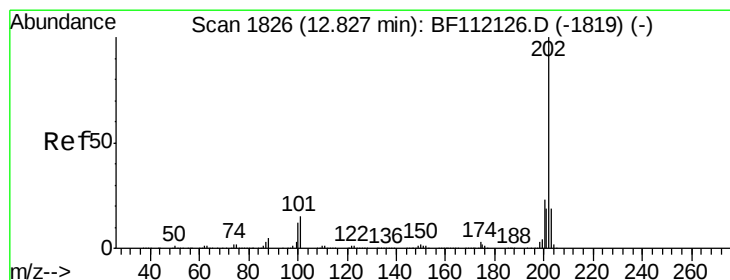
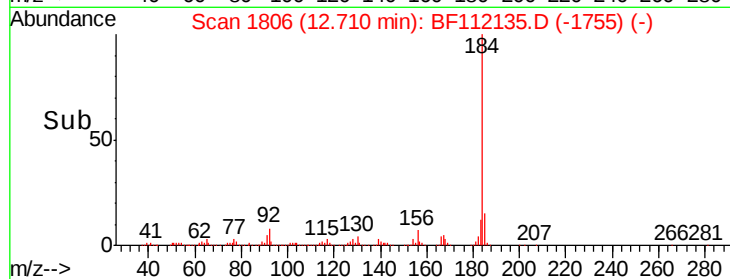
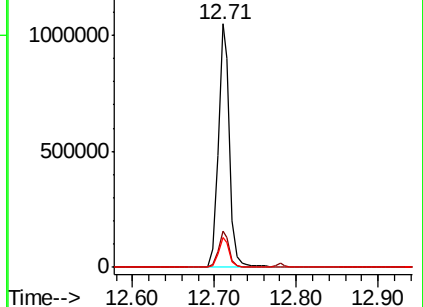
183 12.3 10.0 15.0



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: 45.644 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

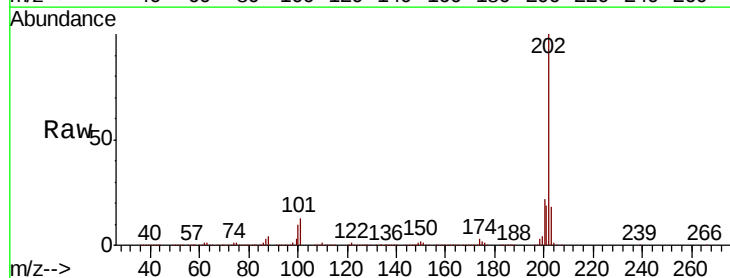
Tgt Ion:202 Resp: 1819632

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

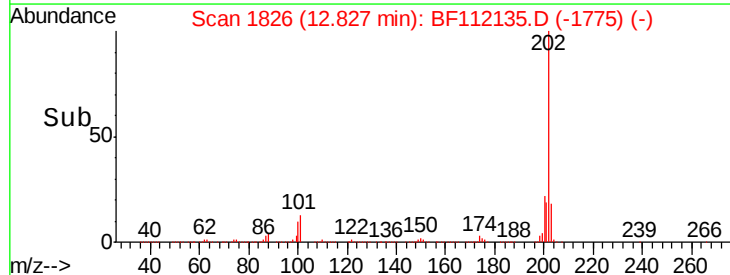
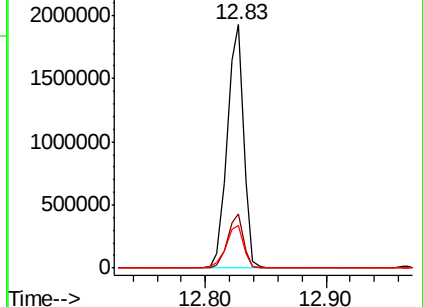
203 17.7 14.6 22.0

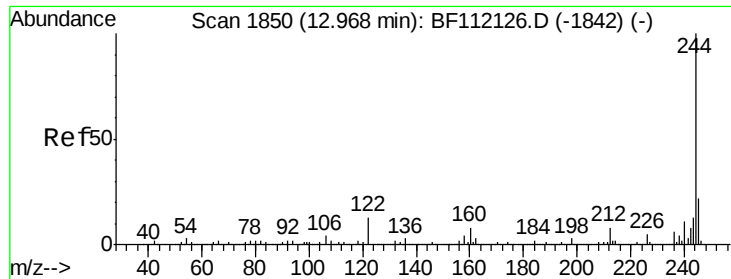


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.570 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

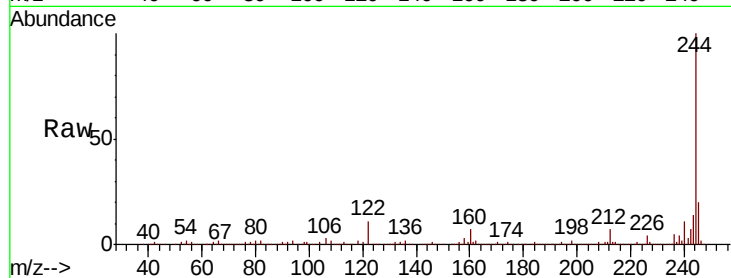
Tgt Ion:244 Resp: 2600875

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

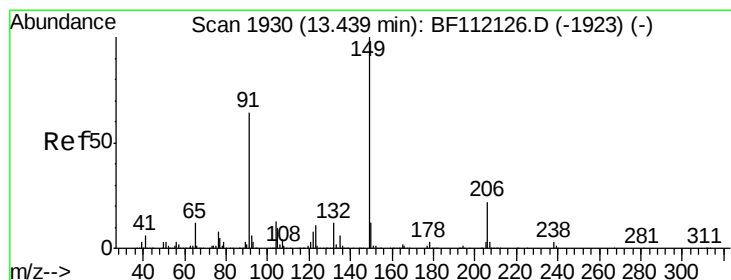
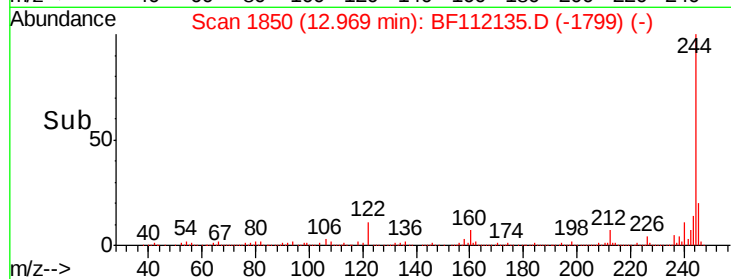
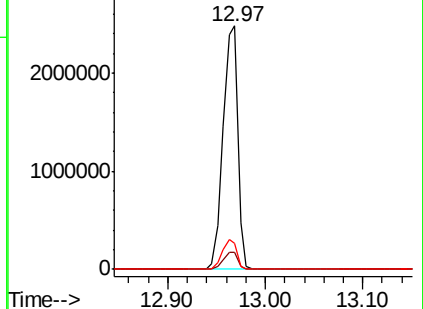
122 10.6 9.8 14.6



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: 51.670 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

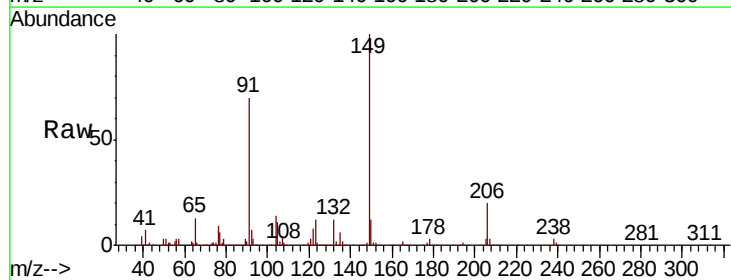
Tgt Ion:149 Resp: 903660

Ion Ratio Lower Upper

149 100

91 70.3 50.3 75.5

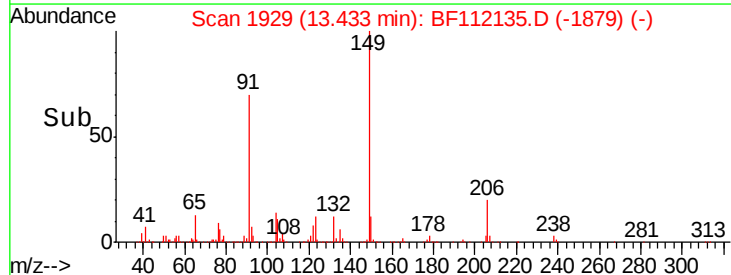
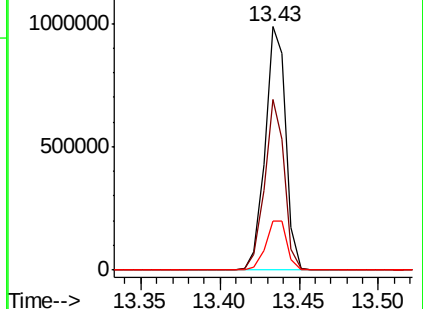
206 20.1 18.2 27.4

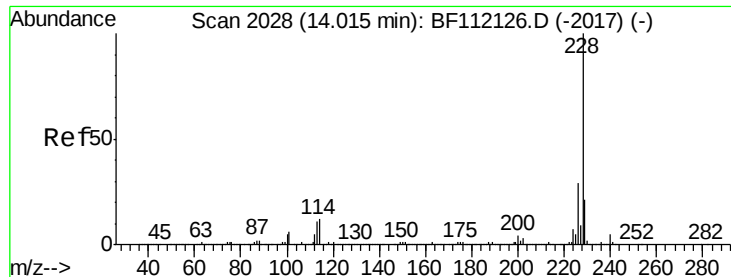


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.446 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

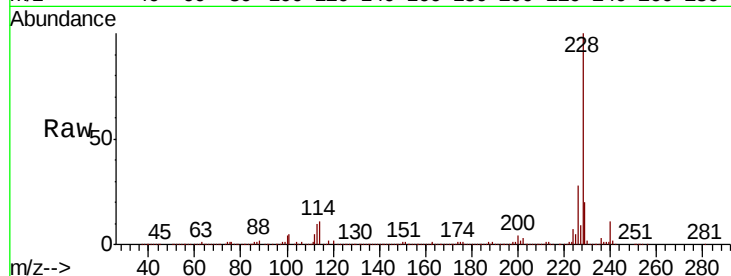
Tgt Ion:228 Resp: 1470548

Ion Ratio Lower Upper

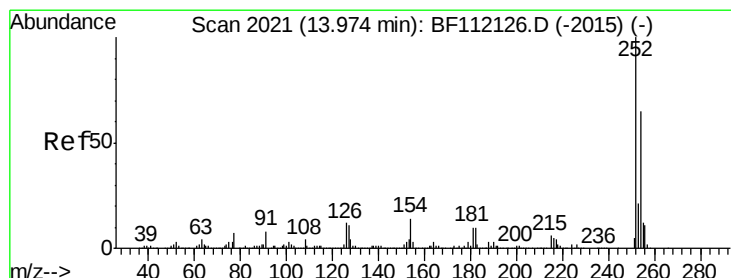
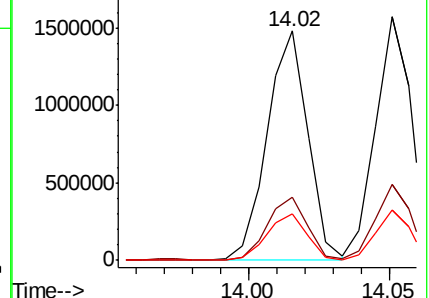
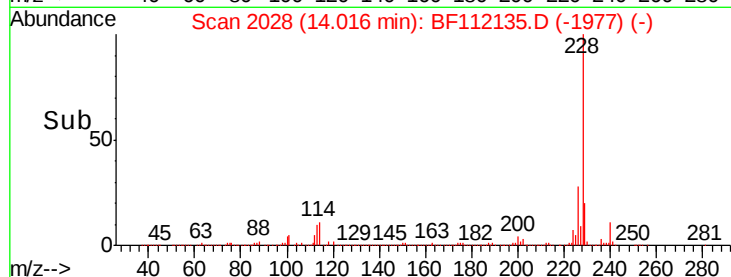
228 100

226 27.8 22.6 34.0

229 20.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.885 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

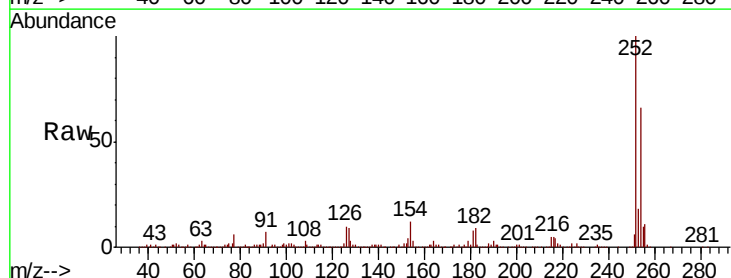
Tgt Ion:252 Resp: 517495

Ion Ratio Lower Upper

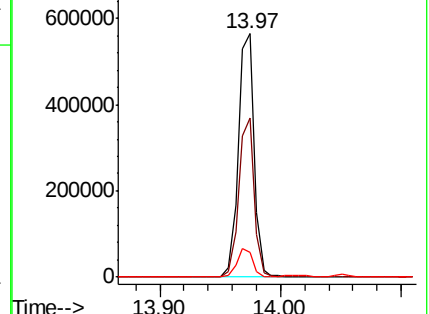
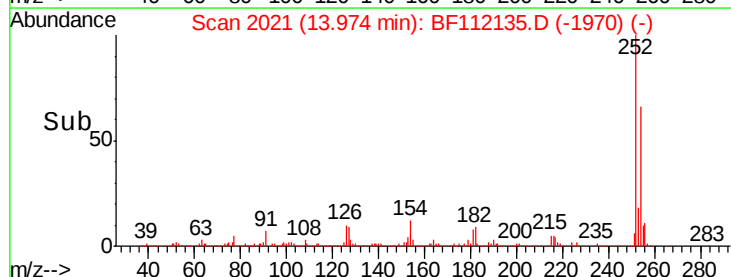
252 100

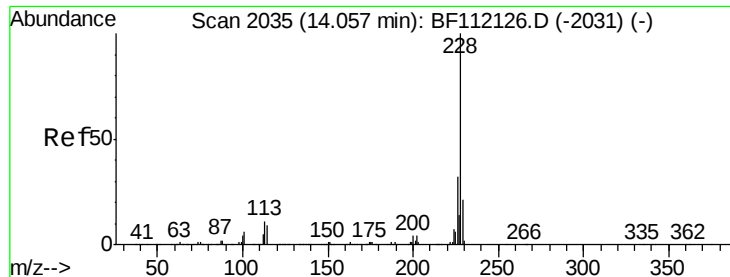
254 65.6 51.6 77.4

126 10.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.368 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

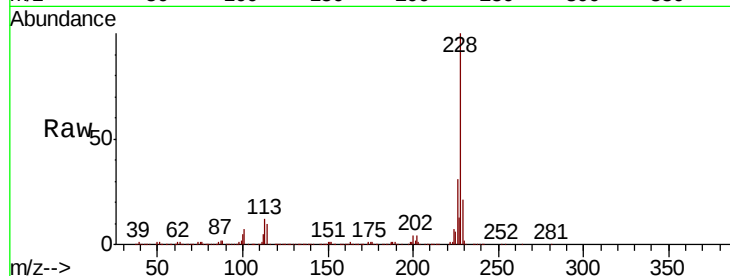
Tgt Ion:228 Resp: 1388907

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.5 16.6 24.8

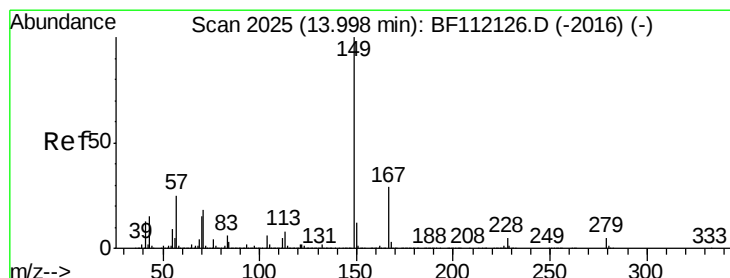
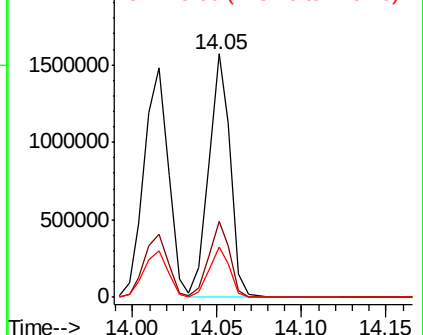
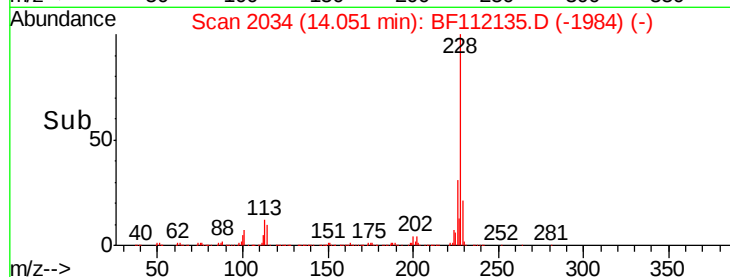


Abundance

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: 50.330 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

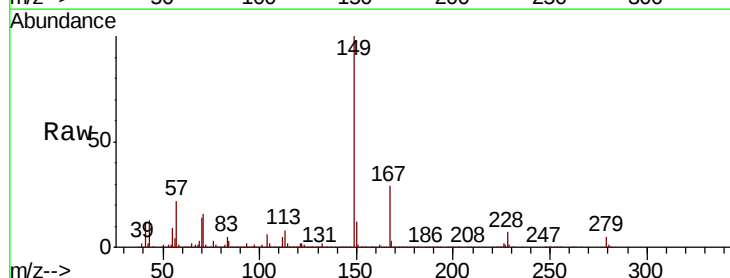
Tgt Ion:149 Resp: 1261521

Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 4.9 3.8 5.6

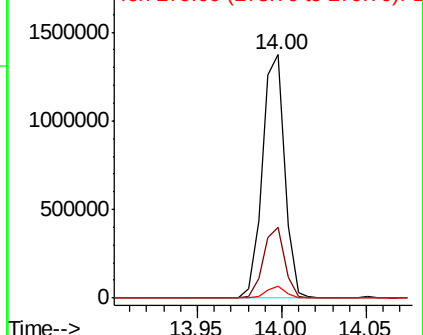
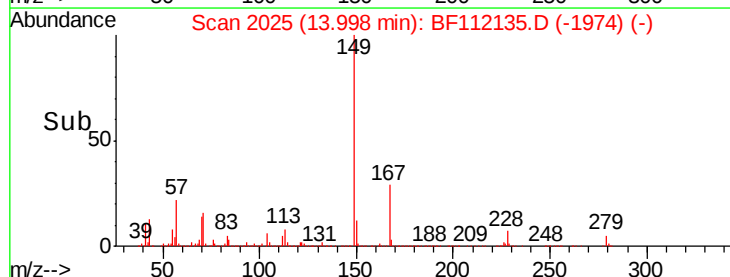


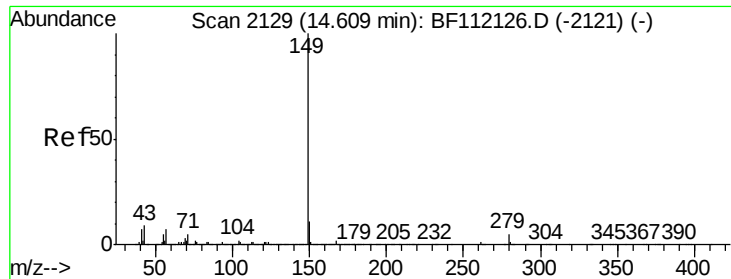
Abundance

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: 48.922 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

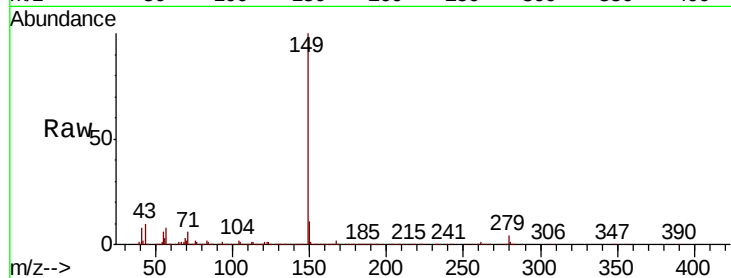
Tgt Ion:149 Resp: 1889334

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

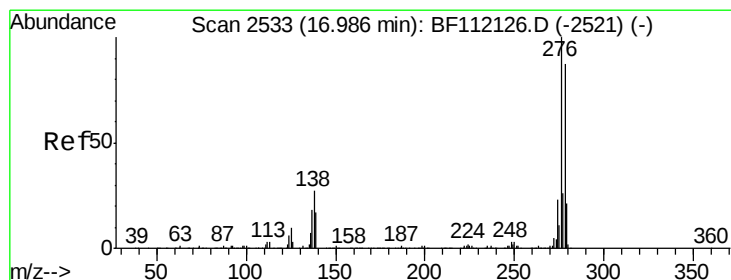
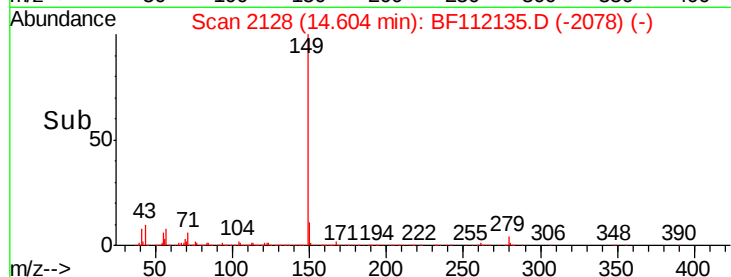
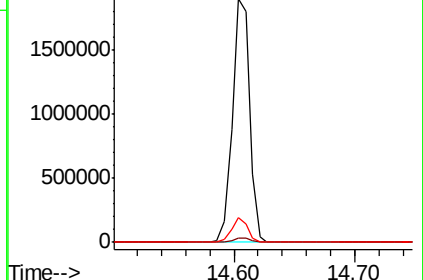
43 9.1 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.491 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

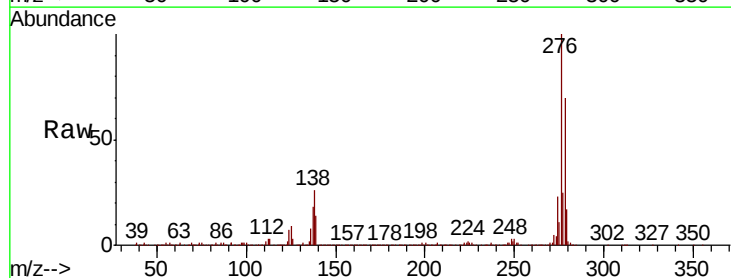
Tgt Ion:276 Resp: 1285128

Ion Ratio Lower Upper

276 100

138 27.1 22.6 34.0

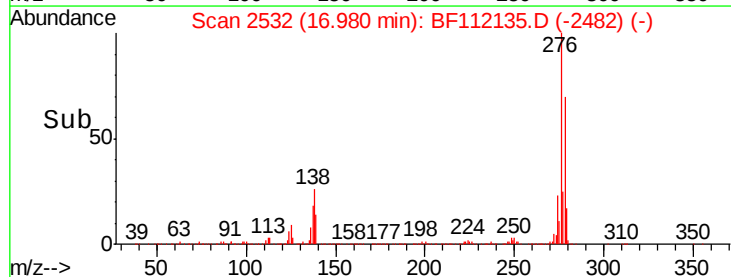
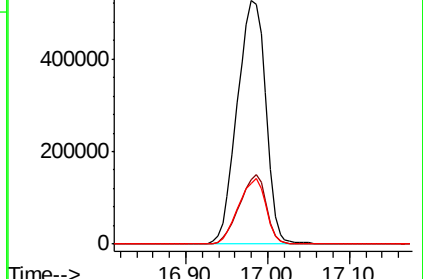
277 25.9 20.3 30.5

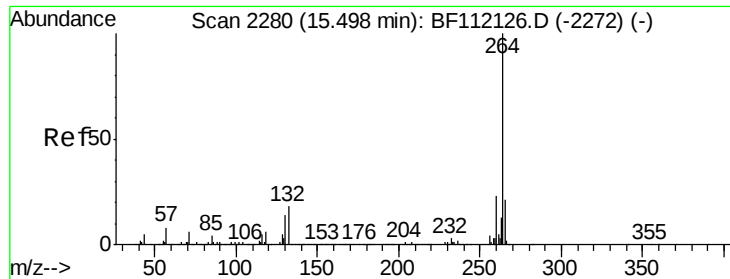


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

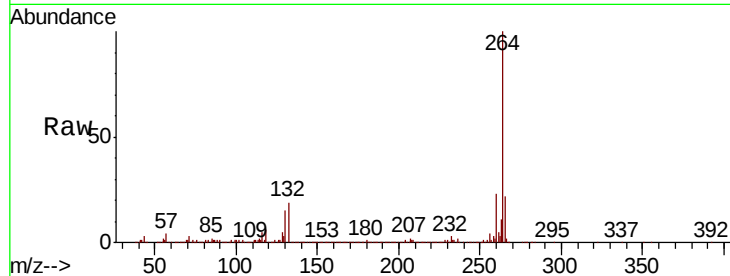
Tgt Ion:264 Resp: 563740

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

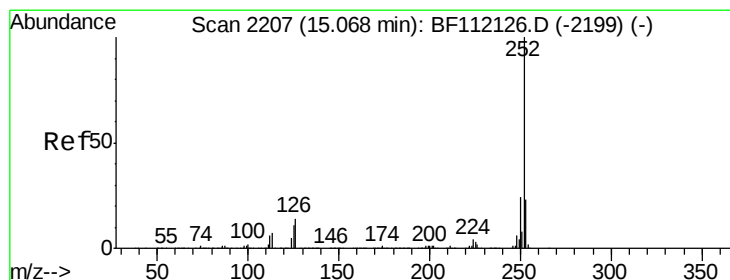
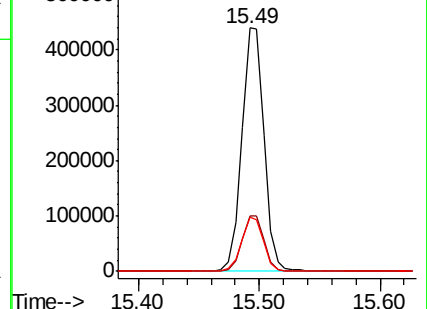
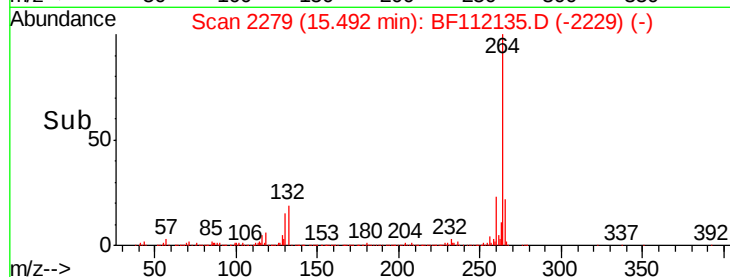
265 22.2 17.0 25.4



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: 44.125 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

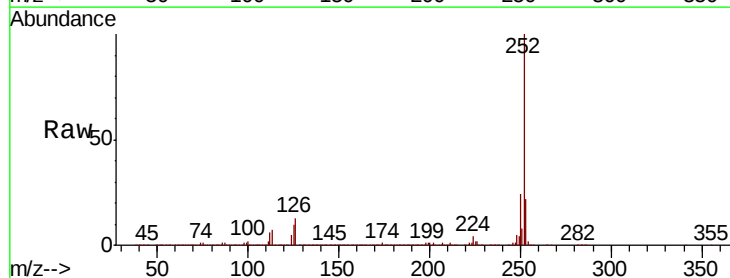
Tgt Ion:252 Resp: 1411998

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

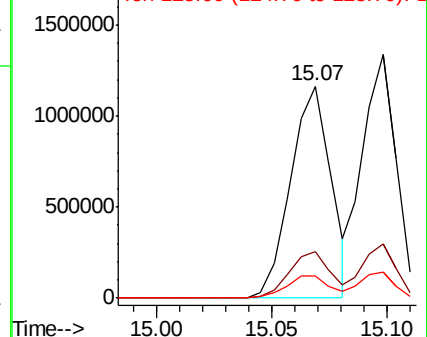
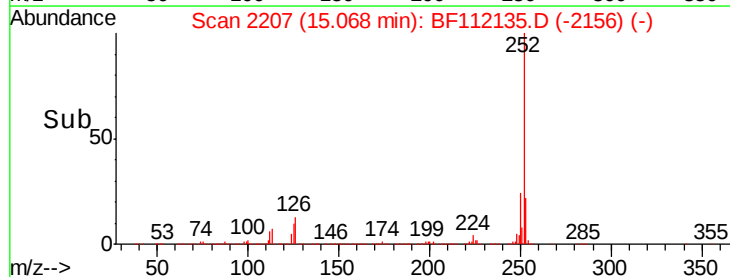
125 10.4 8.7 13.1

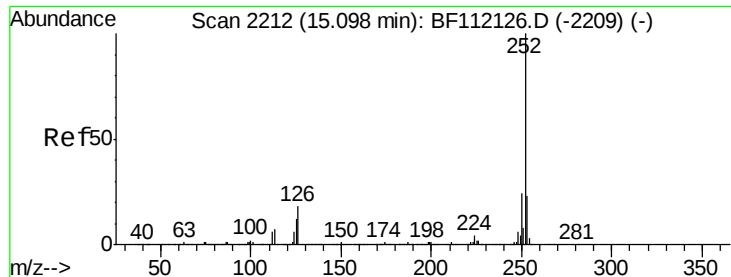


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

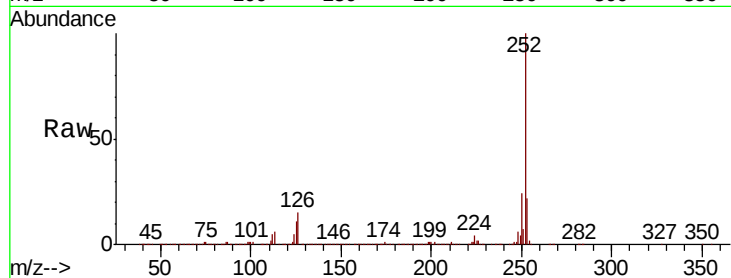




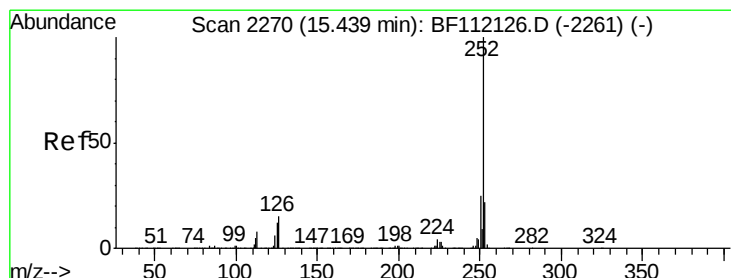
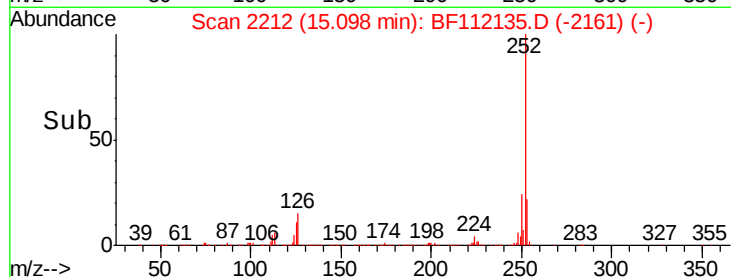
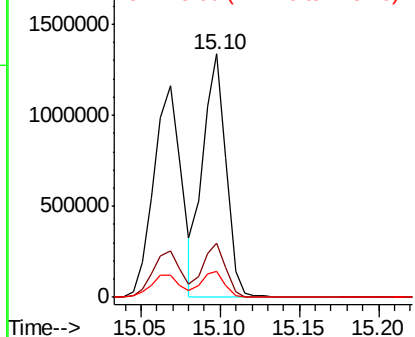
#89
Benzo(k)fluoranthene
Concen: 44.148 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:252 Resp: 1367344
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.6 9.1 13.7

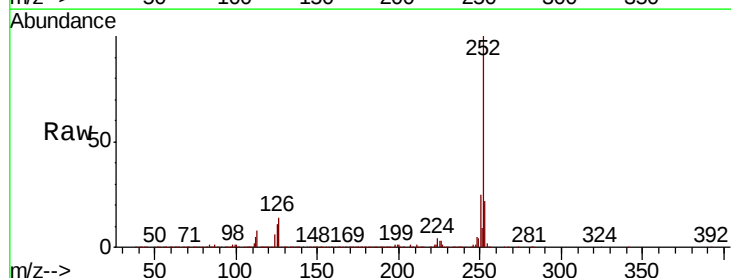


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

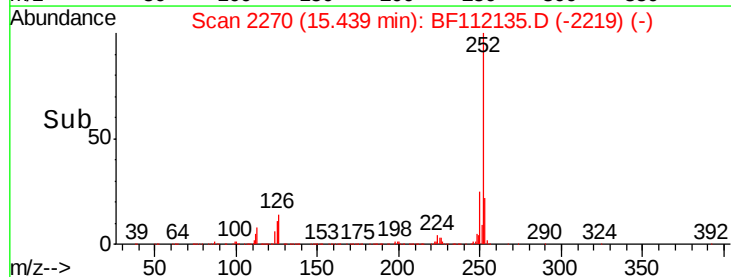
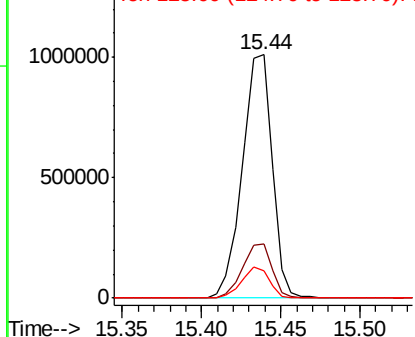


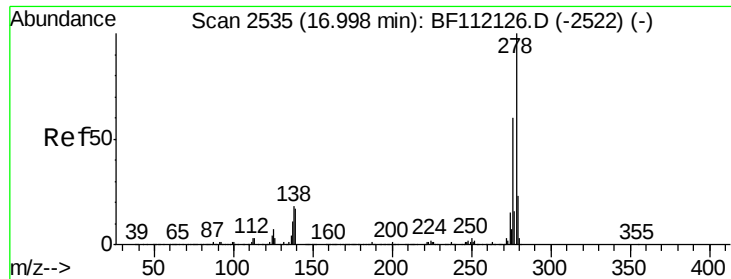
#90
Benzo(a)pyrene
Concen: 45.088 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:252 Resp: 1323162
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.1 9.0 13.4



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



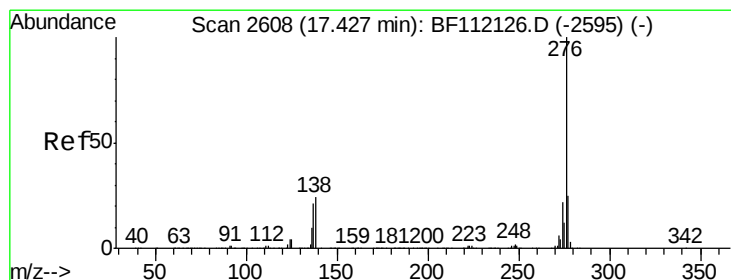
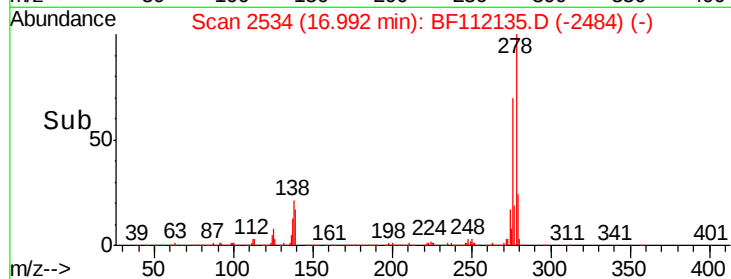
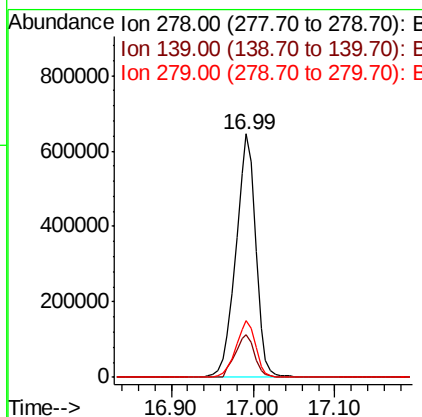
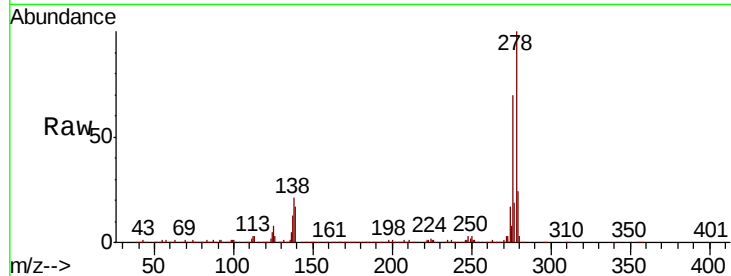


#91
Dibenzo(a,h)anthracene
Concen: 42.025 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tgt Ion:278 Resp: 1095377

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	23.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 39.347 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:276 Resp: 1010354

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	22.8	19.1	28.7

