

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119914.D
 Acq On : 13 Apr 2020 14:16
 Operator : MA/SJ
 Sample : PB128139BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Quant Time: Apr 13 14:47:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	221954	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	852112	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	457121	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	894196	20.00	ng	0.00
76) Chrysene-d12	13.92	240	665672	20.00	ng	0.00
87) Perylene-d12	15.34	264	708624	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1501022	116.87	ng	0.02
7) Phenol-d6	6.38	99	1922696	116.18	ng	0.00
23) Nitrobenzene-d5	7.31	82	1199568	72.83	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	596260	106.54	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2307615	71.67	ng	0.00
79) Terphenyl-d14	12.86	244	2688934	67.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	190789	33.353	ng	97
3) Pyridine	3.19	79	530124	33.777	ng	98
4) n-Nitrosodimethylamine	3.15	42	300853	37.518	ng	94
6) Aniline	6.40	93	733077	33.750	ng	# 83
8) 2-Chlorophenol	6.52	128	606435	42.260	ng	97
9) Benzaldehyde	6.28	77	279827	27.375	ng	98
10) Phenol	6.39	94	755994	40.266	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	556847	38.413	ng	96
12) 1,3-Dichlorobenzene	6.68	146	602283	38.337	ng	98
13) 1,4-Dichlorobenzene	6.76	146	607700	37.973	ng	98
14) 1,2-Dichlorobenzene	6.91	146	567381	38.470	ng	98
15) Benzyl Alcohol	6.89	79	500553	38.942	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1028047	36.444	ng	99
17) 2-Methylphenol	7.00	107	487007	38.029	ng	99
18) Hexachloroethane	7.25	117	233695	39.074	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	412478	38.760	ng	98
20) 3+4-Methylphenols	7.15	107	600296	38.327	ng	95
22) Acetophenone	7.15	105	786339	39.408	ng	# 97
24) Nitrobenzene	7.33	77	620114	37.425	ng	95
25) Isophorone	7.57	82	1170318	36.859	ng	99
26) 2-Nitrophenol	7.64	139	333974	40.344	ng	97
27) 2,4-Dimethylphenol	7.68	122	518631	41.541	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	729835	39.062	ng	100
29) 2,4-Dichlorophenol	7.89	162	510032	39.855	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	540426	37.270	ng	99
31) Naphthalene	8.05	128	1715077	38.256	ng	100
32) Benzoic acid	7.82	122	423256	38.601	ng	96
33) 4-Chloroaniline	8.10	127	512253	26.246	ng	97
34) Hexachlorobutadiene	8.17	225	307379	35.412	ng	98
35) Caprolactam	8.47	113	79374	20.276	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	556248	40.147	ng	96
37) 2-Methylnaphthalene	8.74	142	1165801	38.355	ng	99
38) 1-Methylnaphthalene	8.84	142	1097289	38.302	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	504369	34.934	ng	99

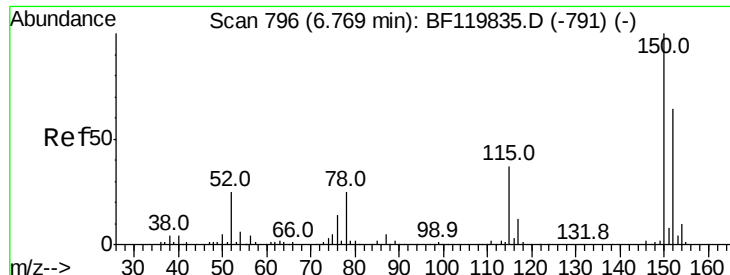
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119914.D
 Acq On : 13 Apr 2020 14:16
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	632032	76.984	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	376934	37.807	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	400130	35.633	nq	95
46) 1,1'-Biphenyl	9.20	154	1405953	36.439	nq	98
47) 2-Chloronaphthalene	9.23	162	1094176	36.813	nq	97
48) 2-Nitroaniline	9.33	65	403790	37.488	nq	99
49) Acenaphthylene	9.65	152	1727440	38.215	nq	99
50) Dimethylphthalate	9.52	163	1314970	37.191	nq	100
51) 2,6-Dinitrotoluene	9.57	165	298576	38.562	nq #	83
52) Acenaphthene	9.82	154	1046293	34.699	nq	99
53) 3-Nitroaniline	9.74	138	243526	27.539	nq	96
54) 2,4-Dinitrophenol	9.85	184	376066	81.126	nq	97
55) Dibenzofuran	9.99	168	1556441	37.615	nq	99
56) 4-Nitrophenol	9.92	139	530561	80.637	nq #	83
57) 2,4-Dinitrotoluene	9.98	165	396798	38.897	nq	97
58) Fluorene	10.33	166	1204012	36.384	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	338984	39.471	nq	100
60) Diethylphthalate	10.22	149	1353178	36.926	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	577851	34.070	nq	99
62) 4-Nitroaniline	10.36	138	335172	39.772	nq	97
63) Azobenzene	10.49	77	1273325	38.772	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	238654	40.511	nq	86
66) n-Nitrosodiphenylamine	10.45	169	1125905	37.860	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	386989	34.800	nq	98
68) Hexachlorobenzene	10.88	284	421740	37.385	nq	100
69) Atrazine	10.98	200	341899	41.321	nq	97
70) Pentachlorophenol	11.08	266	473661	72.860	nq	99
71) Phenanthrene	11.30	178	1780201	37.407	nq	99
72) Anthracene	11.35	178	1829869	37.639	nq	100
73) Carbazole	11.50	167	1686363	36.680	nq	98
74) Di-n-butylphthalate	11.84	149	2135030	35.326	nq	100
75) Fluoranthene	12.49	202	1947644	37.930	nq	97
77) Benzidine	12.61	184	1304334	57.966	nq	97
78) Pyrene	12.71	202	2001527	35.667	nq	99
80) Butylbenzylphthalate	13.34	149	921345	33.835	nq	93
81) Benzo(a)anthracene	13.90	228	1605997	36.673	nq	100
82) 3,3'-Dichlorobenzidine	13.87	252	454890	27.839	nq #	96
83) Chrysene	13.94	228	1664926	37.417	nq	98
84) Bis(2-ethylhexyl)phthalate	13.90	149	1188576	32.233	nq	99
85) Di-n-octyl phthalate	14.51	149	2175107	34.643	nq	98
86) Indeno(1,2,3-cd)pyrene	16.74	276	1708163	43.550	nq	98
88) Benzo(b)fluoranthene	14.93	252	1836110	36.019	nq	99
89) Benzo(k)fluoranthene	14.96	252	1595262	36.269	nq	99
90) Benzo(a)pyrene	15.28	252	1585519	36.992	nq	97
91) Dibenzo(a,h)anthracene	16.76	278	1422809	37.476	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1373323	36.645	nq	97

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

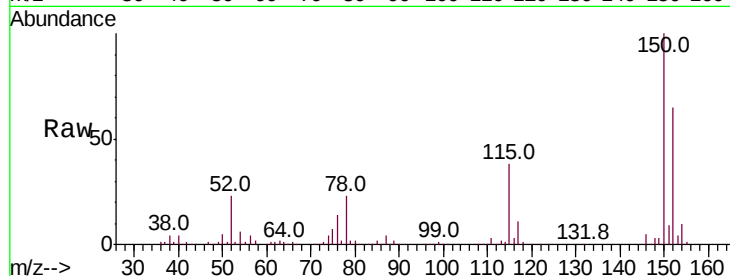


#1

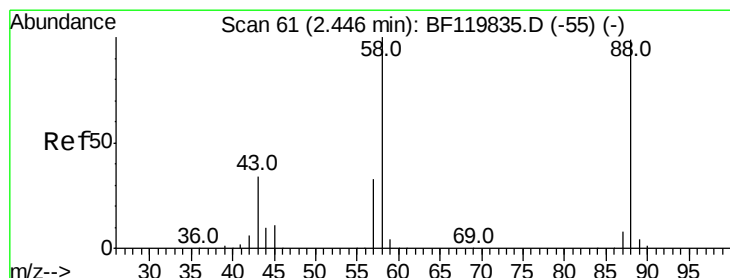
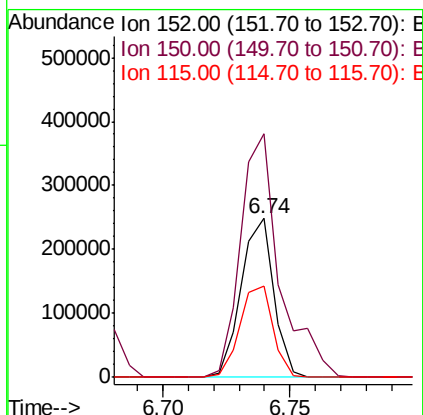
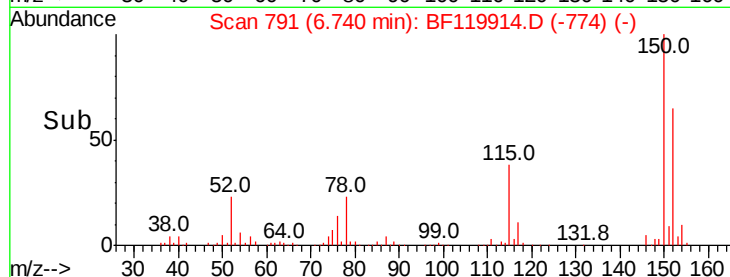
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128139BS

Tot Ion:152 Resp: 221954
Ion Ratio Lower Upper
152 100
150 153.6 124.8 187.2
115 57.8 46.5 69.7



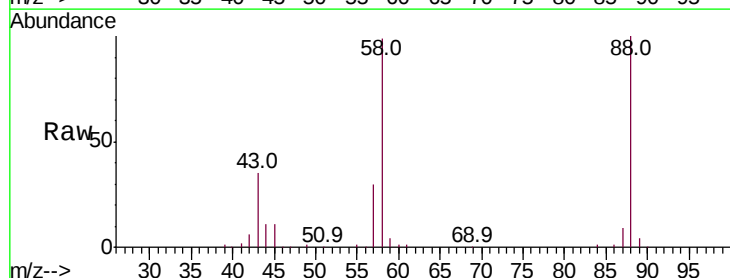
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



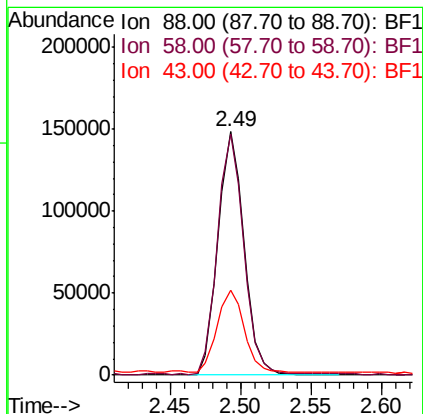
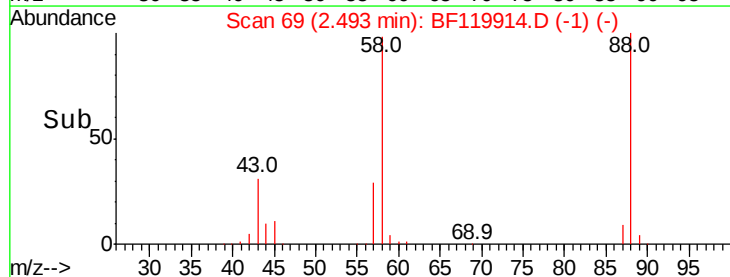
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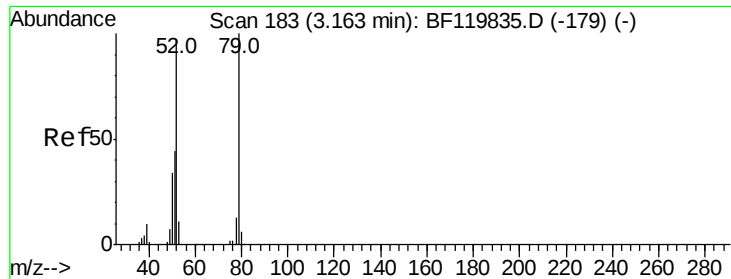
1,4-Dioxane
Concen: 33.353 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion: 88 Resp: 190789
Ion Ratio Lower Upper
88 100
58 98.7 82.6 123.8
43 35.2 28.6 42.8



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





#3

Pvridine

Concen: 33.777 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.11 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

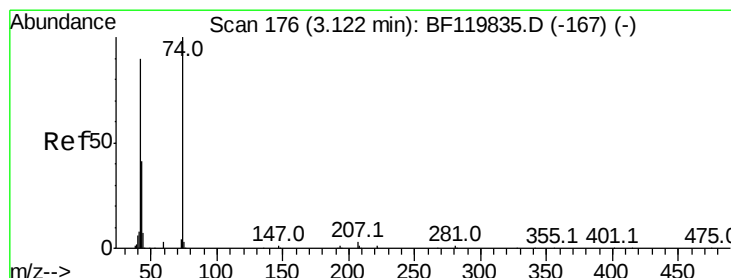
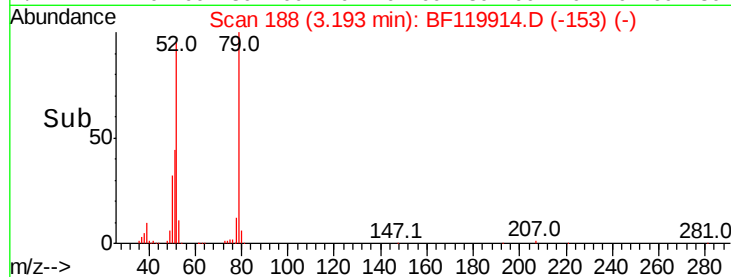
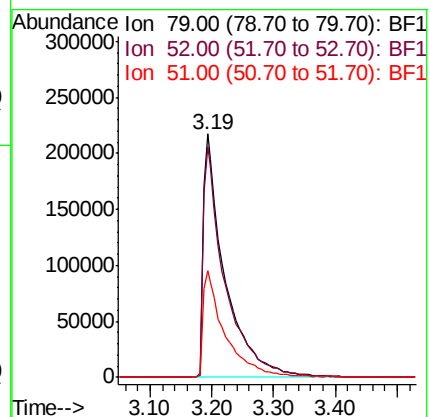
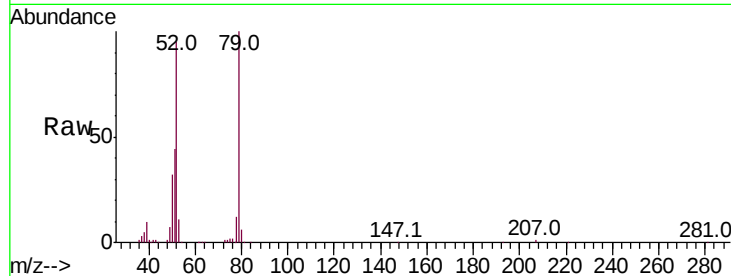
Tot Ion: 79 Resp: 530124

Ion Ratio Lower Upper

79 100

52 94.6 77.4 116.0

51 44.0 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 37.518 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

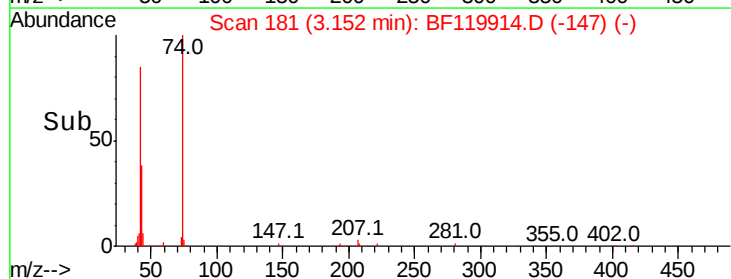
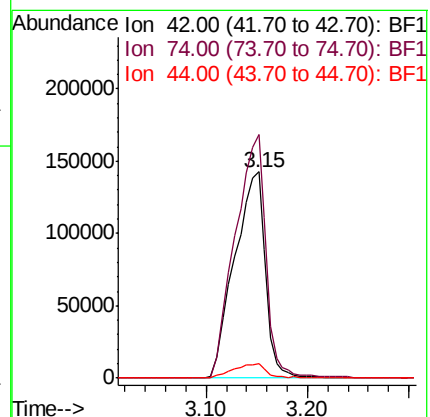
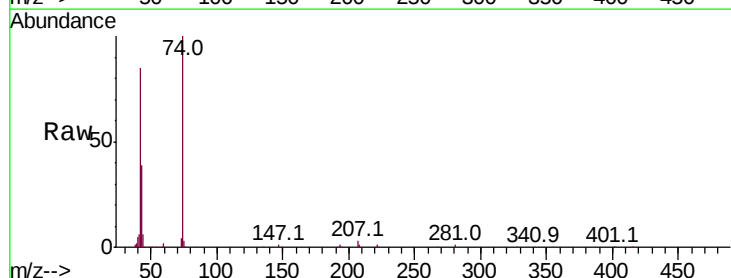
Tgt Ion: 42 Resp: 300853

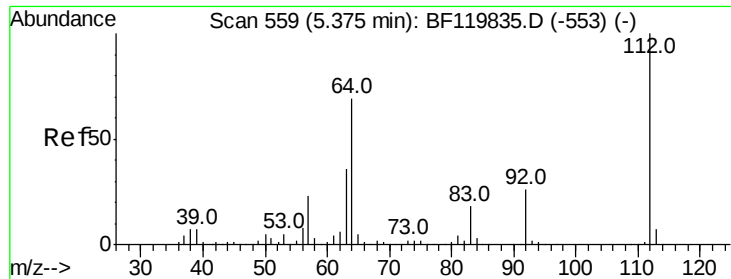
Ion Ratio Lower Upper

42 100

74 118.2 89.0 133.4

44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 116.873 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

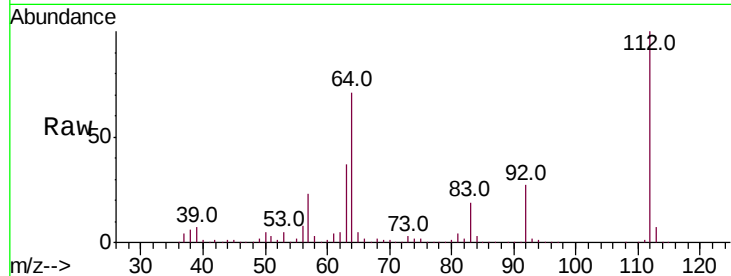
Tot Ion:112 Resp: 1501022

Ion Ratio Lower Upper

112 100

64 70.8 55.5 83.3

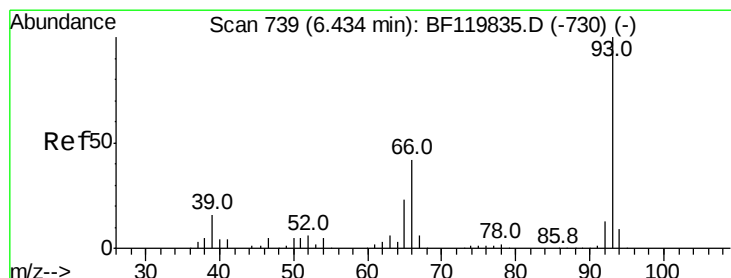
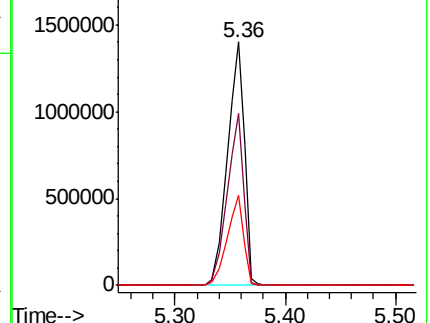
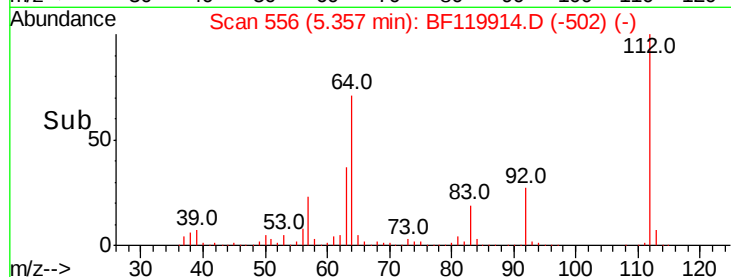
63 37.0 29.1 43.7



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: 33.750 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

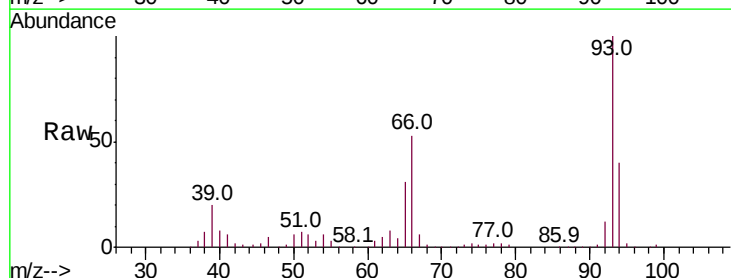
Tgt Ion: 93 Resp: 733077

Ion Ratio Lower Upper

93 100

66 53.1 34.2 51.2#

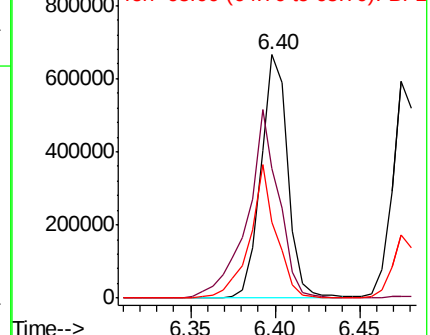
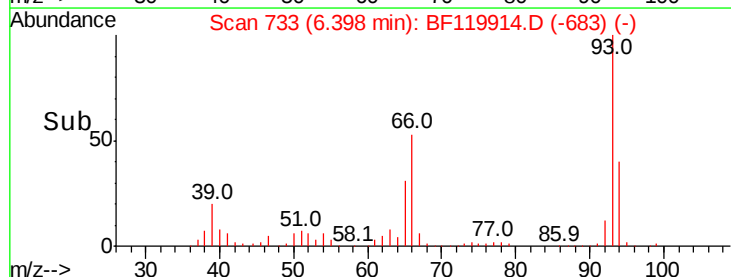
65 31.2 18.3 27.5#

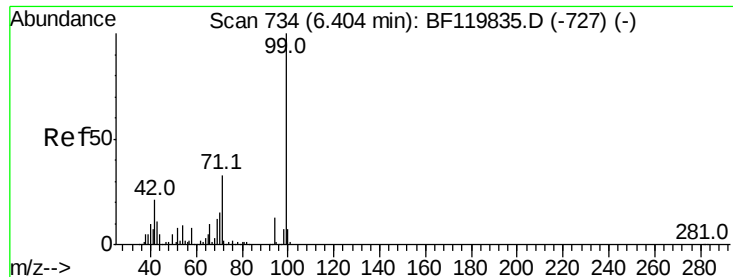


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.181 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

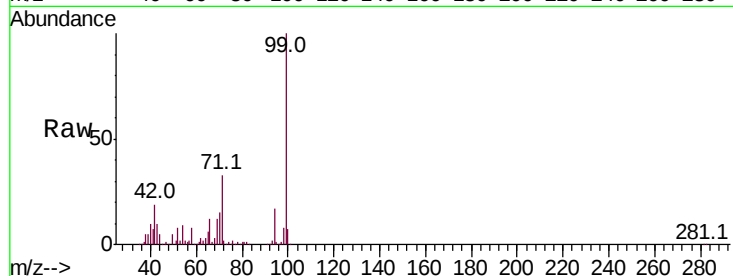
BNA_F

ClientSampleId :

PB128139BS

Tot Ion: 99 Resp: 1922696

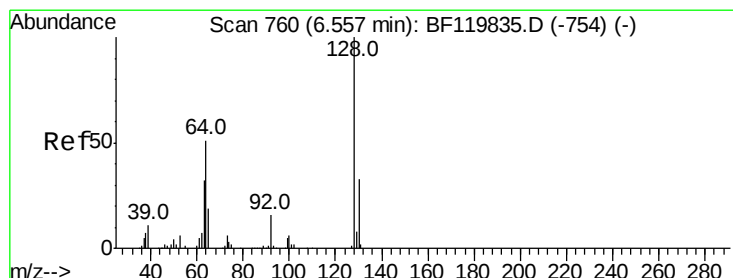
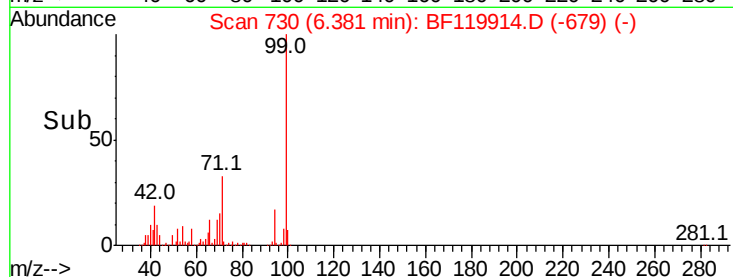
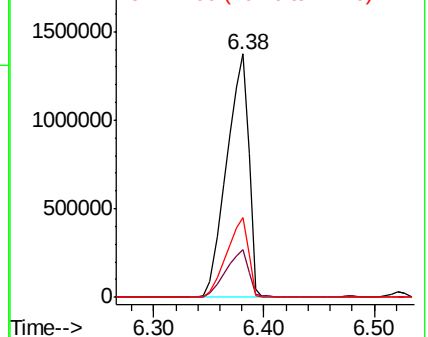
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.9	25.3
71	33.0	26.3	39.5



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: 42.260 ng

RT: 6.52 min Scan# 754

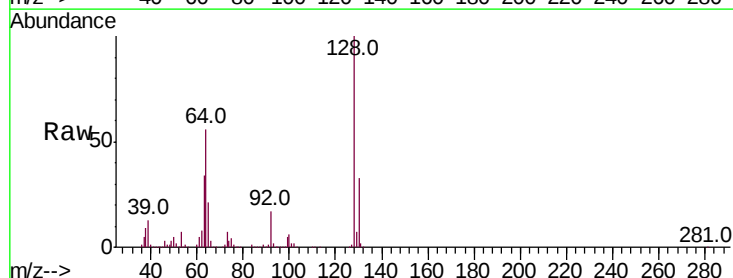
Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Tgt Ion: 128 Resp: 606435

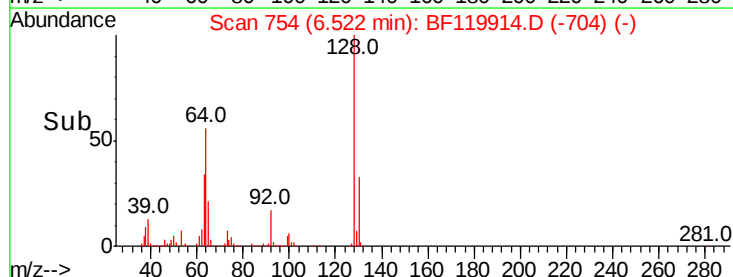
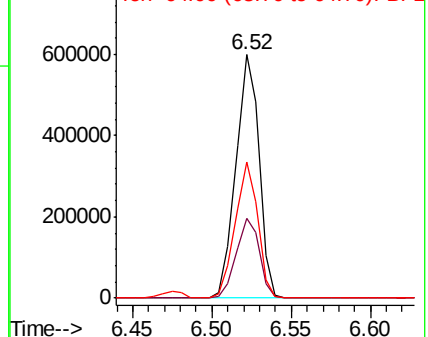
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	55.8	32.0	72.0

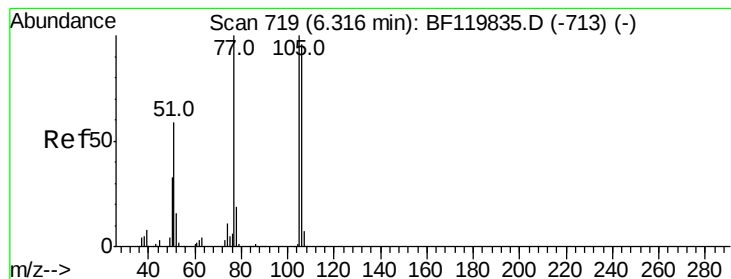


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.375 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

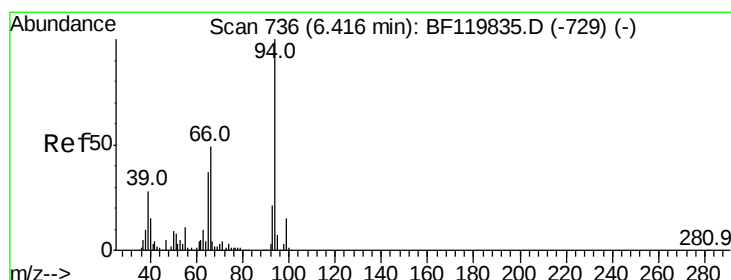
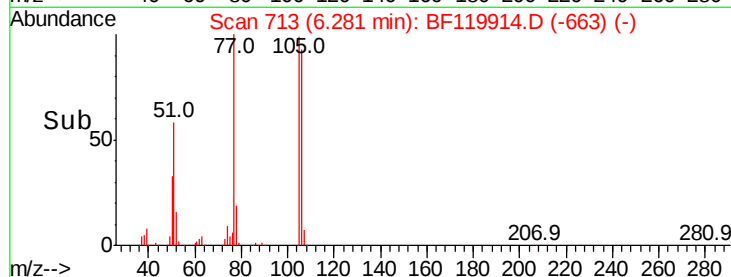
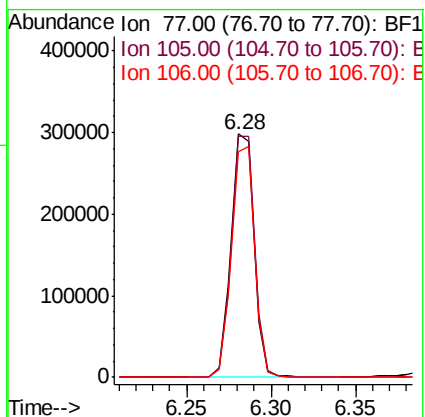
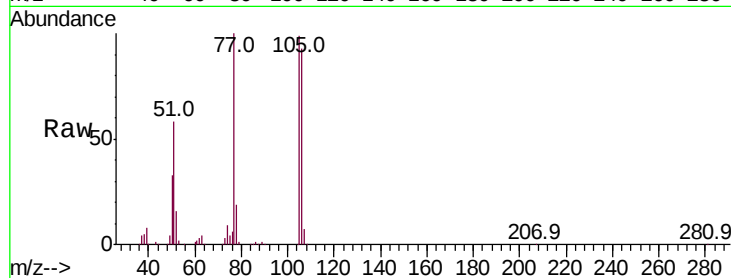
Tot Ion: 77 Resp: 279827

Ion Ratio Lower Upper

77 100

105 98.9 79.9 119.9

106 92.9 76.4 116.4



#10

Phenol

Concen: 40.266 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

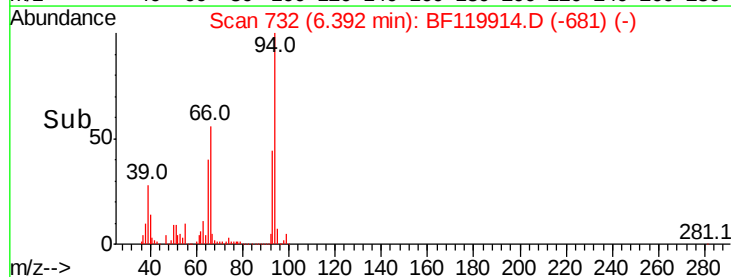
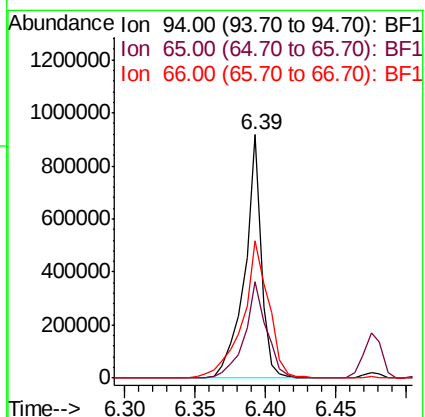
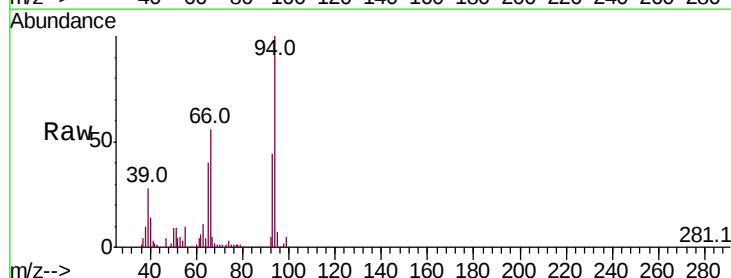
Tgt Ion: 94 Resp: 755994

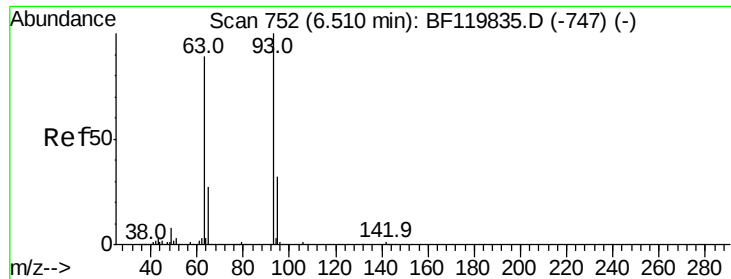
Ion Ratio Lower Upper

94 100

65 39.8 16.6 56.6

66 56.3 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 38.413 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

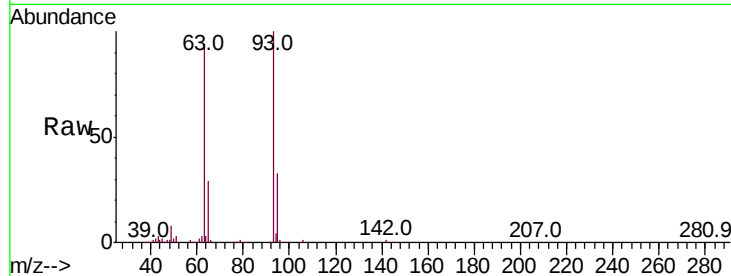
Tot Ion: 93 Resp: 556847

Ion Ratio Lower Upper

93 100

63 93.9 69.1 109.1

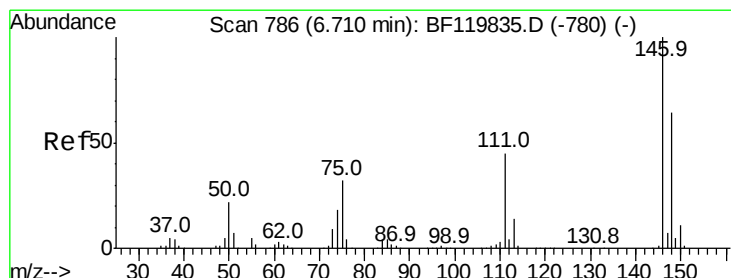
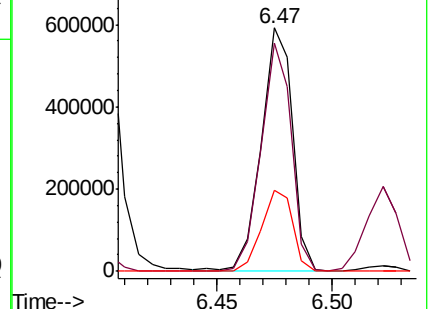
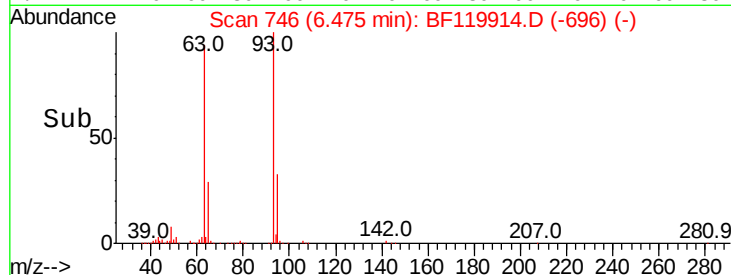
95 33.5 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.337 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

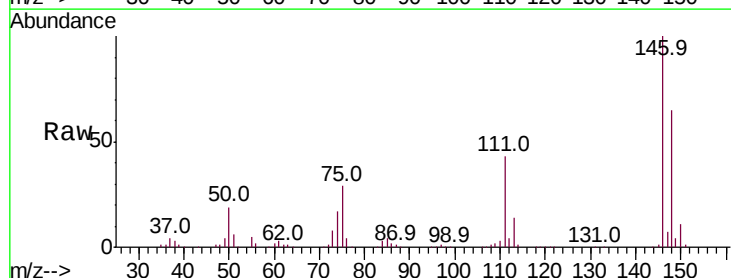
Tgt Ion: 146 Resp: 602283

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

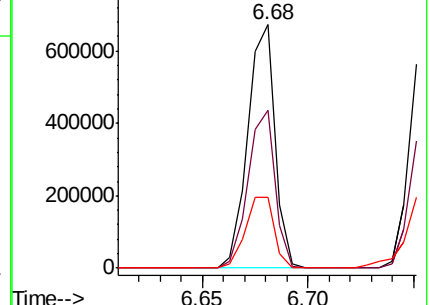
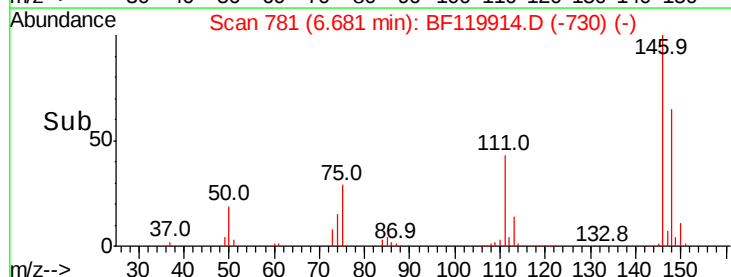
75 29.3 25.3 37.9

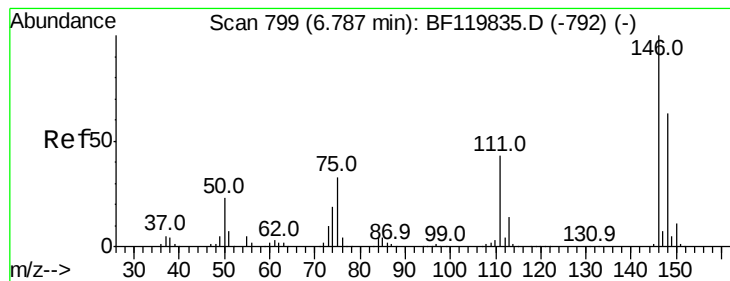


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.973 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

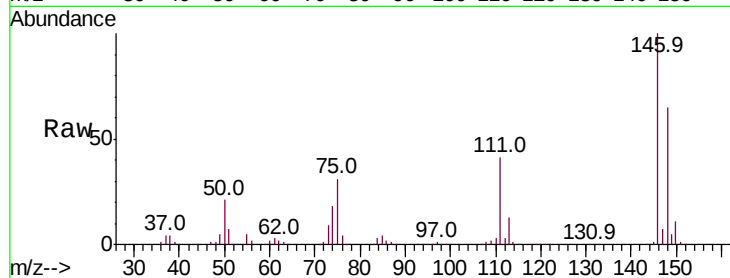
Tot Ion:146 Resp: 607700

Ion Ratio Lower Upper

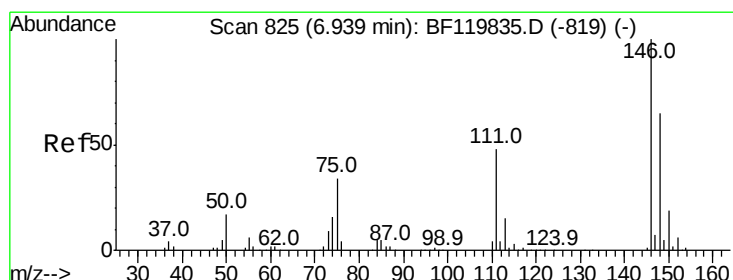
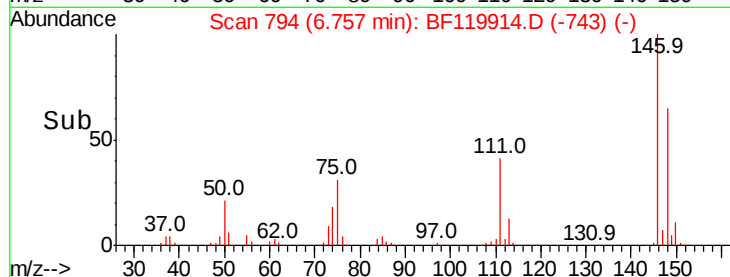
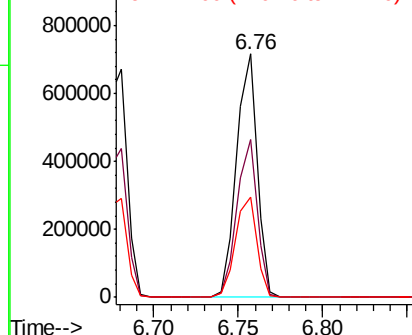
146 100

148 64.6 50.5 75.7

111 41.4 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.470 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

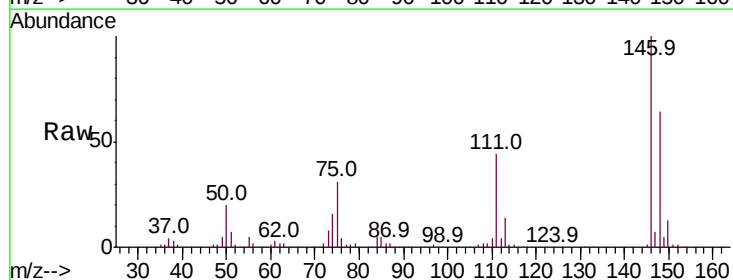
Tgt Ion:146 Resp: 567381

Ion Ratio Lower Upper

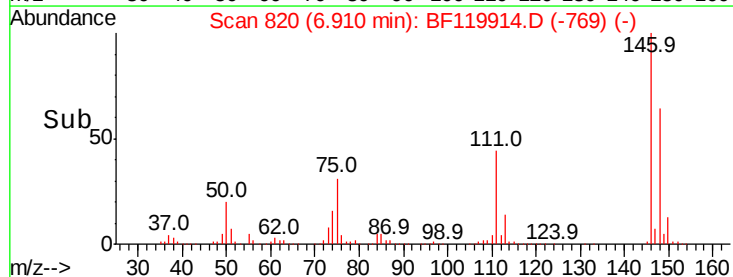
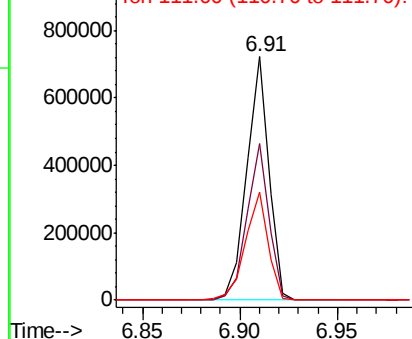
146 100

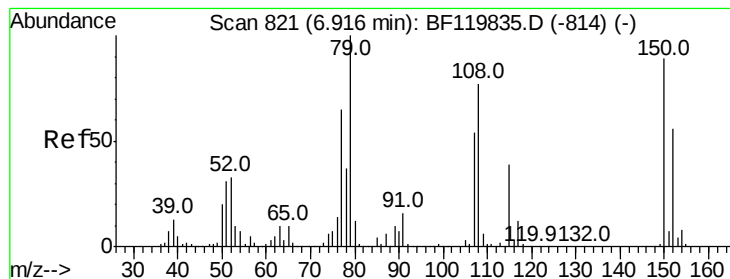
148 64.3 51.8 77.8

111 44.5 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.942 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

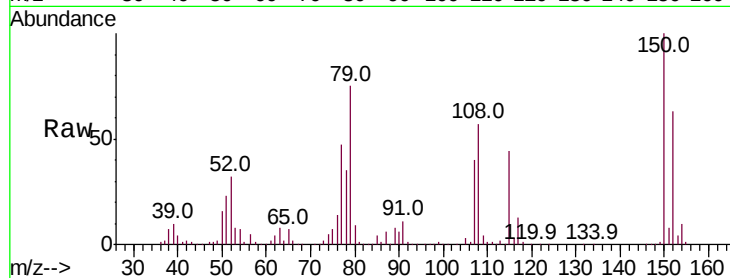
Tot Ion: 79 Resp: 500553

Ion Ratio Lower Upper

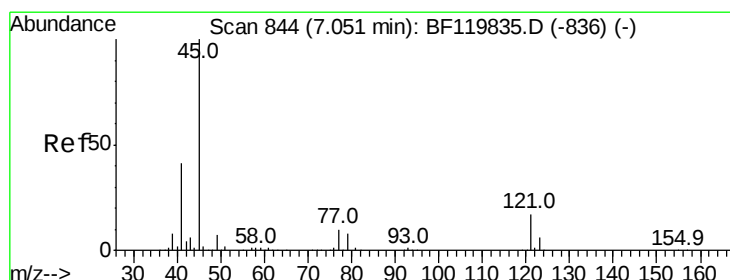
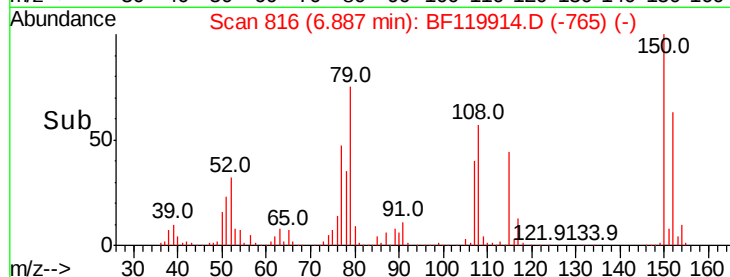
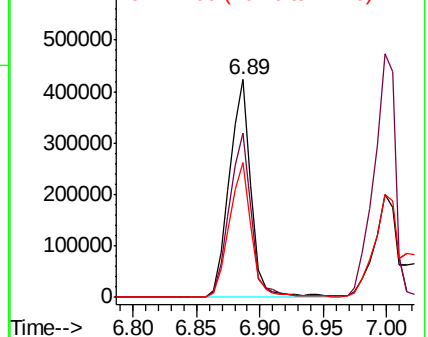
79 100

108 75.7 62.0 93.0

77 62.2 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.444 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

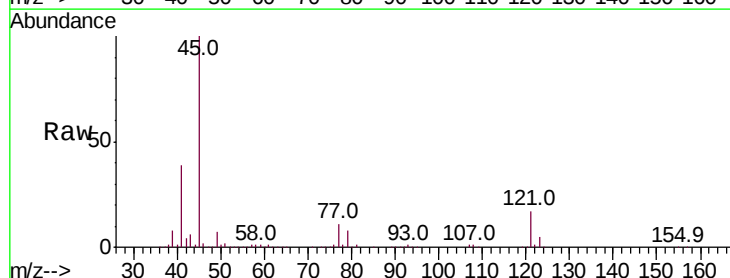
Tgt Ion: 45 Resp: 1028047

Ion Ratio Lower Upper

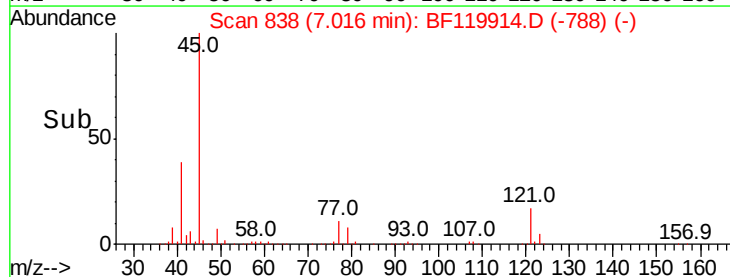
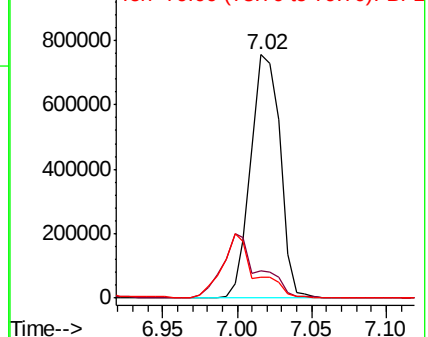
45 100

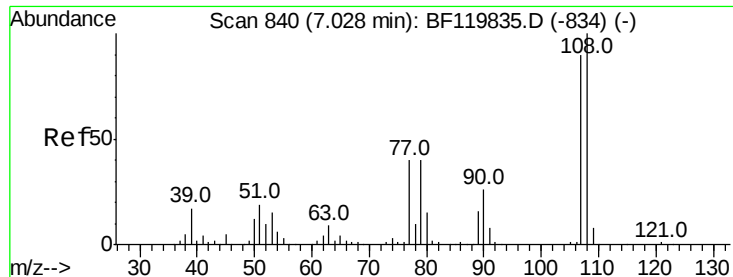
77 11.3 0.0 30.7

79 8.4 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

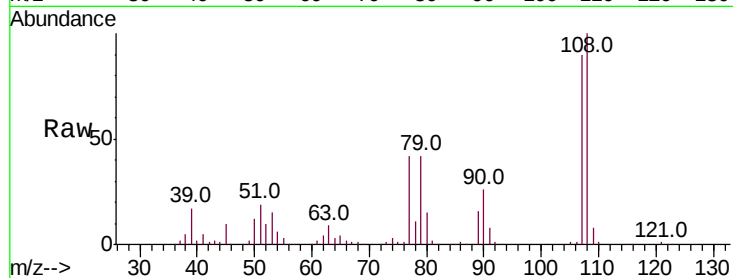




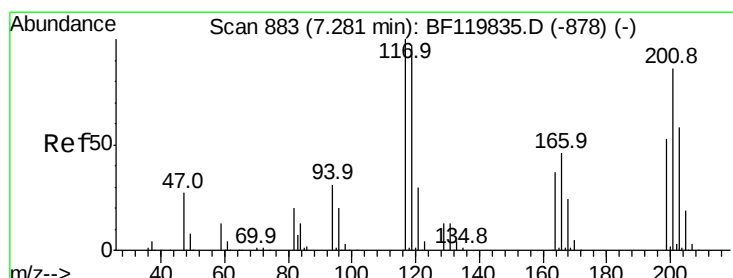
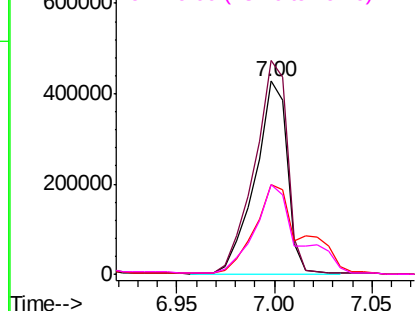
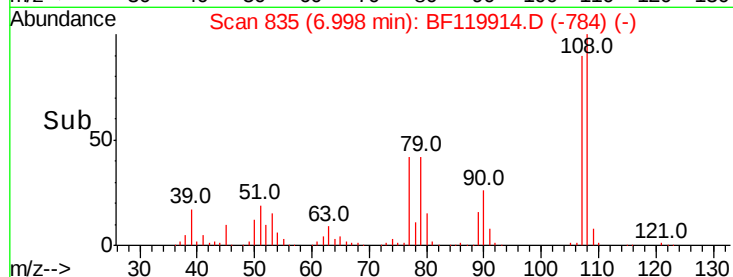
#17
2-Methylphenol
Concen: 38.029 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128139BS

Tot Ion:107 Resp: 487007
Ion Ratio Lower Upper
107 100
108 110.6 88.8 133.2
77 46.5 36.0 54.0
79 46.6 35.7 53.5

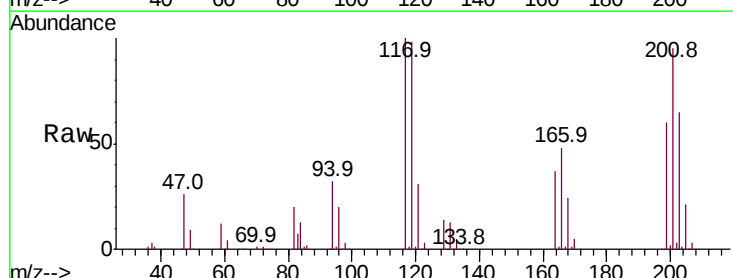


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

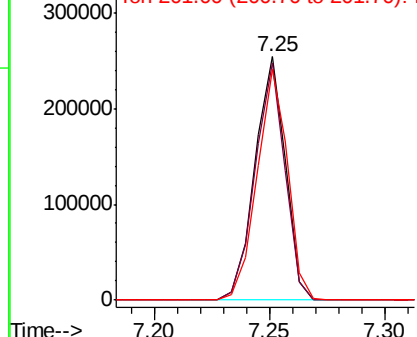
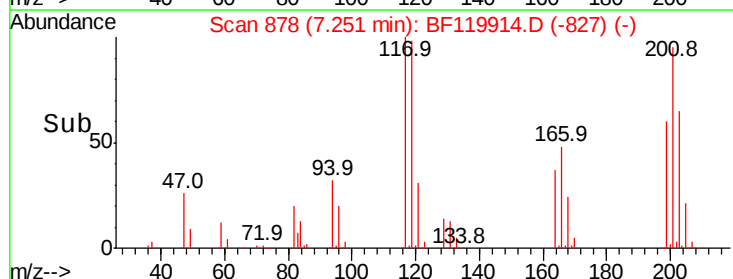


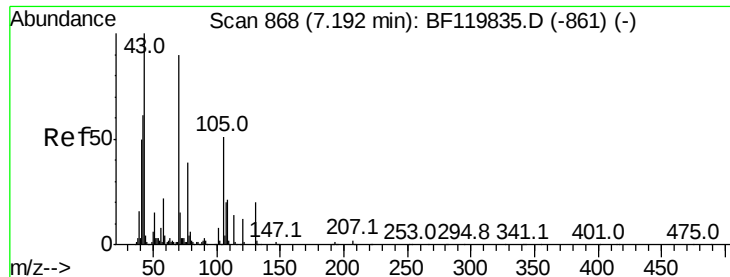
#18
Hexachloroethane
Concen: 39.074 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:117 Resp: 233695
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
201 94.7 68.4 102.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

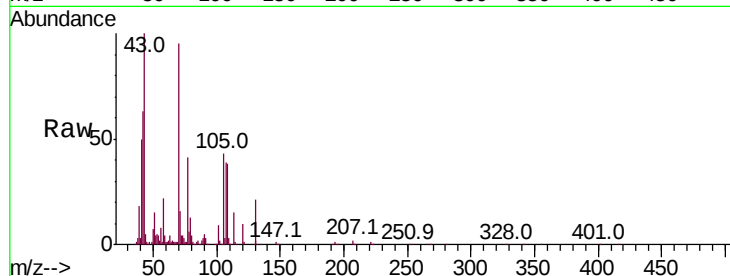




#19
 n-Nitroso-di-n-propylamine
 Concen: 38.760 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:	70	Resp:	412478
Ion	Ratio	Lower	Upper
70	100		
42	66.1	54.2	81.4
101	9.6	7.4	11.2
130	22.4	17.8	26.6



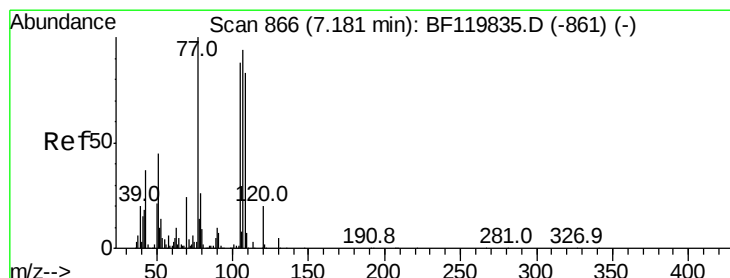
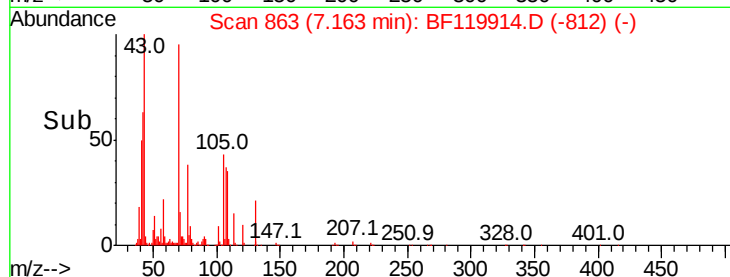
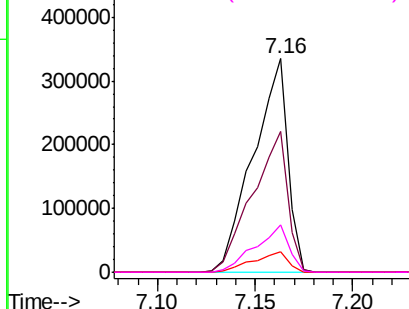
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

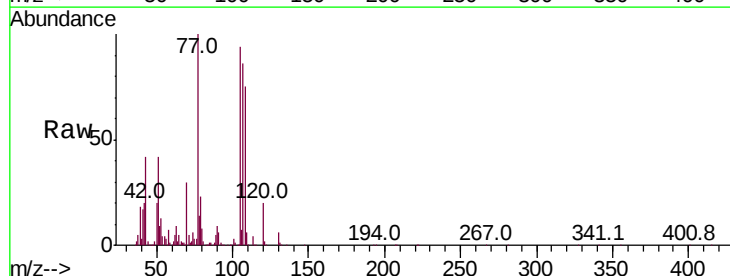
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
 3+4-Methylphenols
 Concen: 38.327 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:	107	Resp:	600296
Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	115.7	86.6	126.6
79	27.0	7.7	47.7



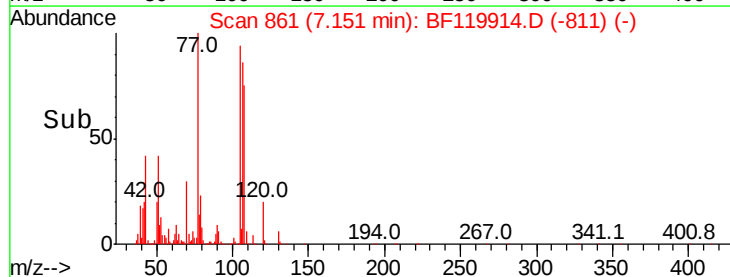
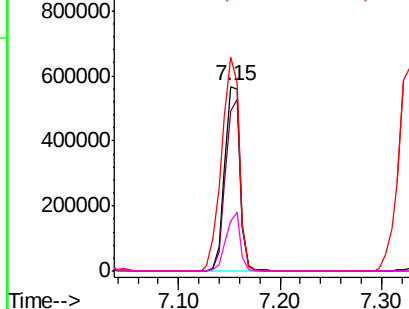
Abundance

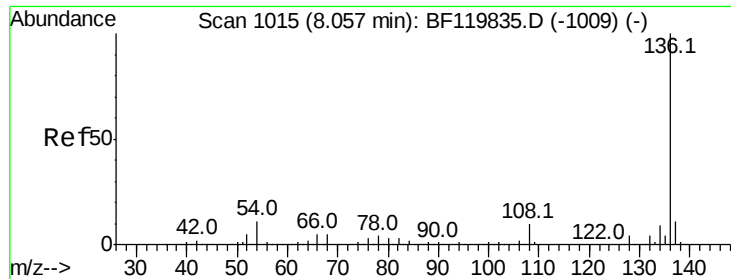
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

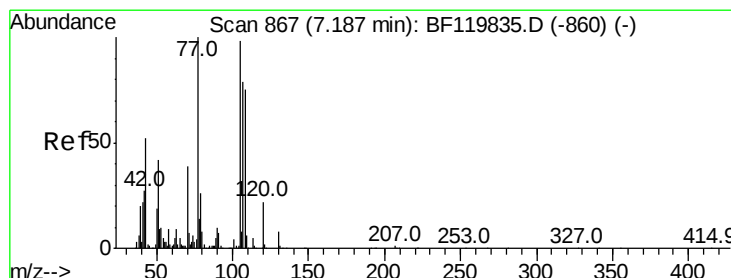
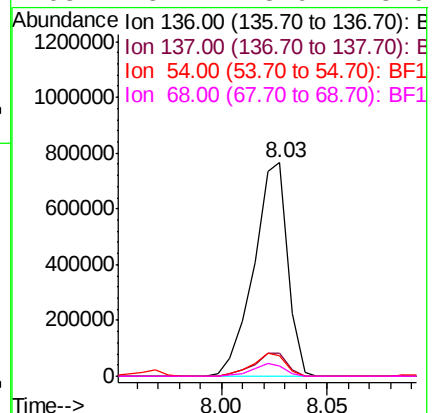
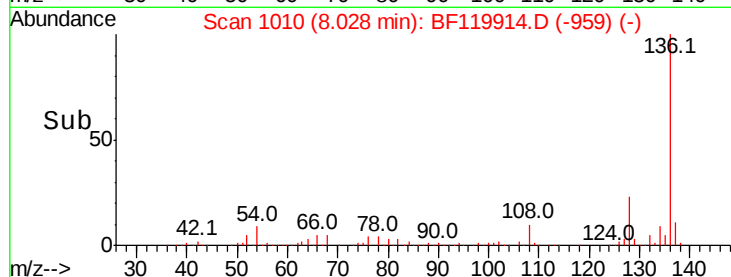
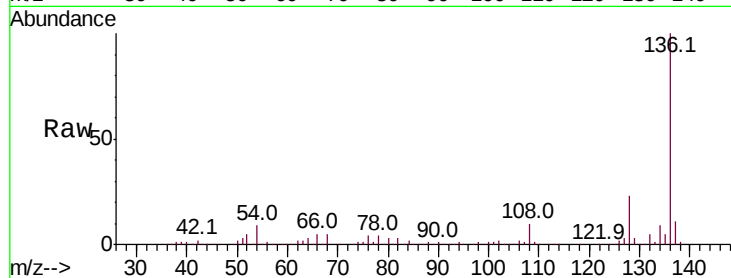




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

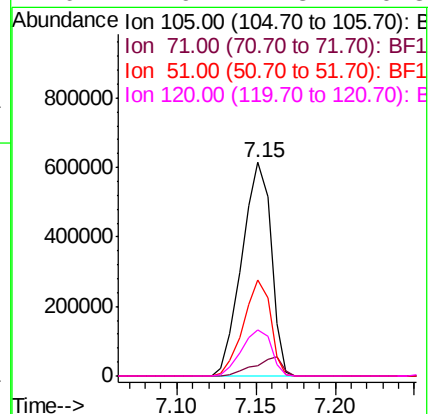
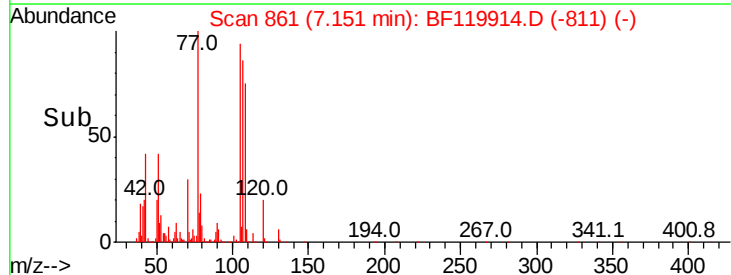
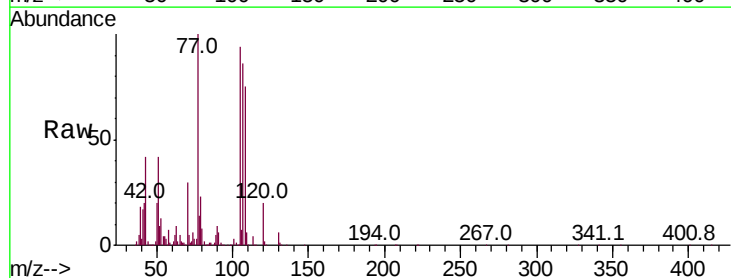
Instrument :
BNA_F
ClientSampleId :
PB128139BS

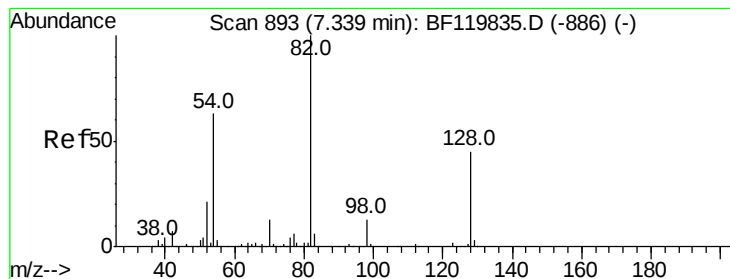
Tot Ion:	136	Resp:	852112
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	8.5	12.7
68	5.1	3.9	5.9



#22
Acetophenone
Concen: 39.408 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:	105	Resp:	786339
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.6	8.4#
51	45.0	33.9	50.9
120	21.9	17.8	26.8





#23

Nitrobenzene-d5

Concen: 72.828 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

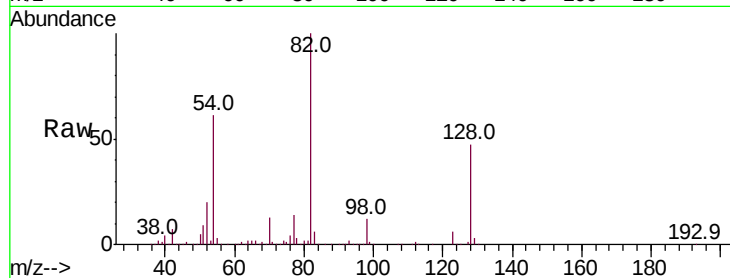
Tot Ion: 82 Resp: 1199568

Ion Ratio Lower Upper

82 100

128 46.8 36.2 54.4

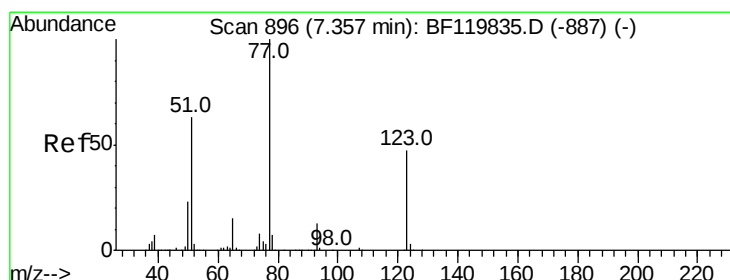
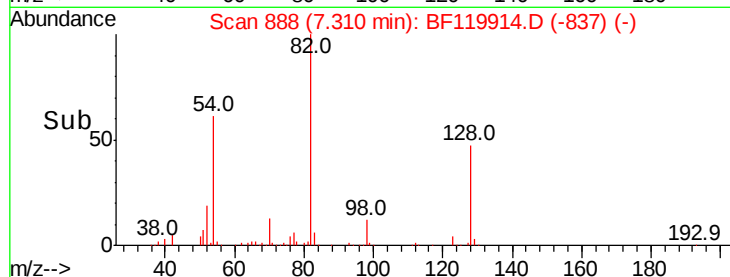
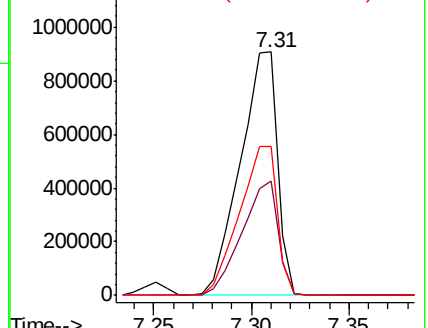
54 61.0 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.425 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

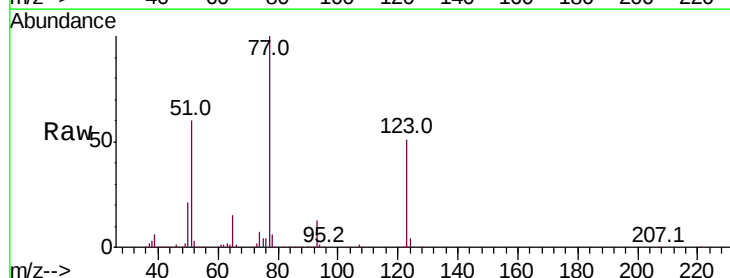
Tgt Ion: 77 Resp: 620114

Ion Ratio Lower Upper

77 100

123 51.4 37.8 56.8

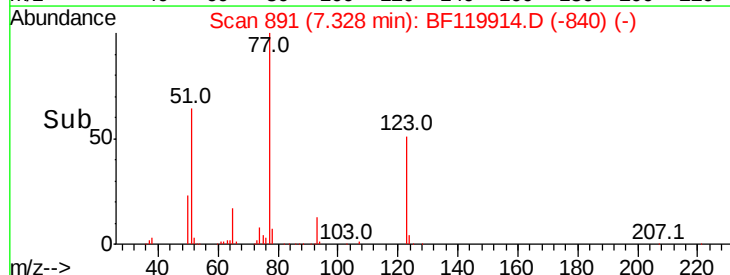
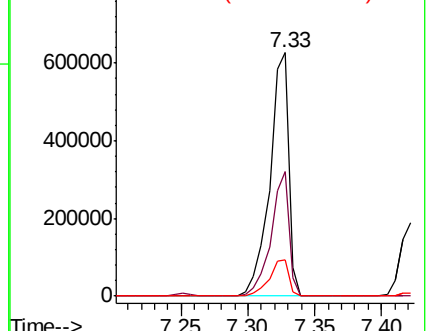
65 15.1 12.2 18.2

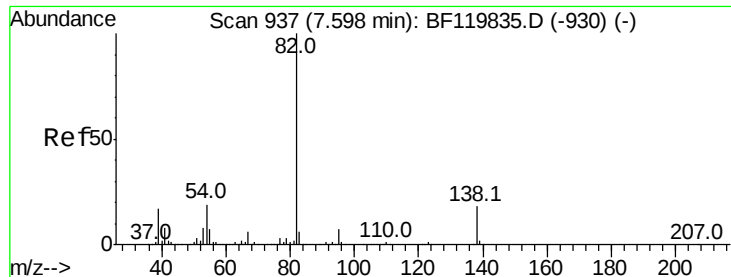


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

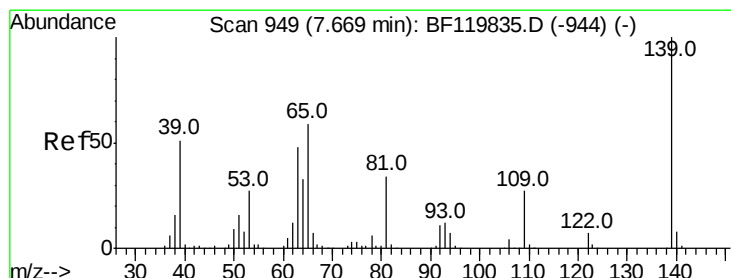
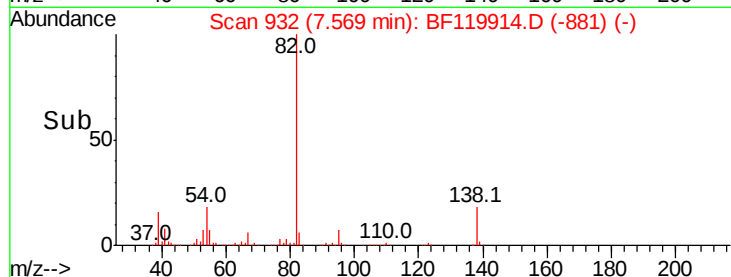
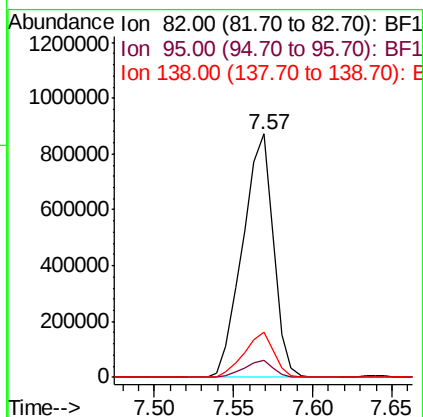
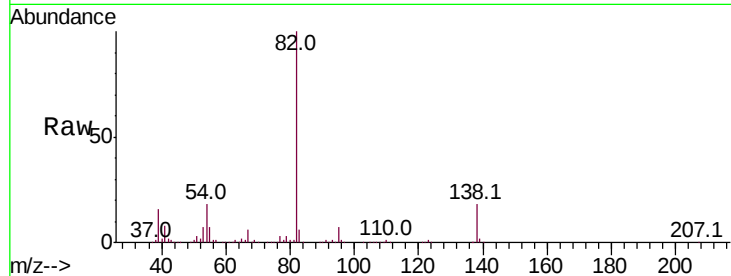




#25
Isophorone
Concen: 36.859 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

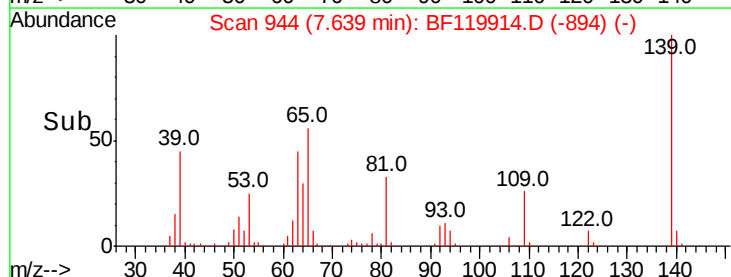
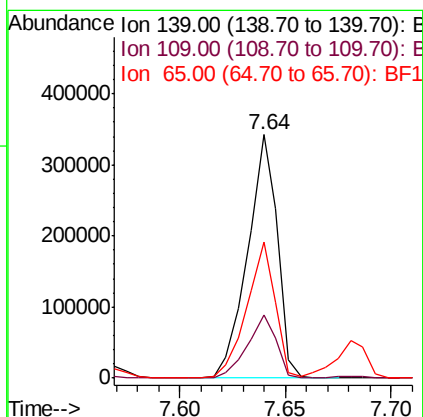
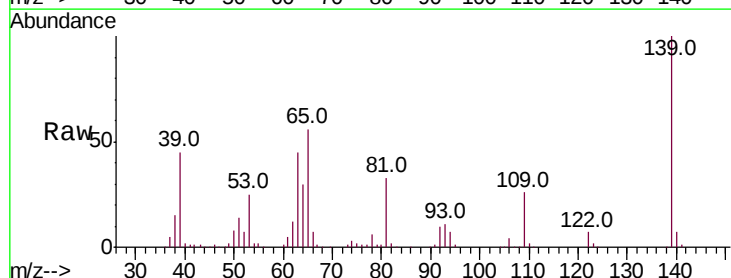
Instrument :
BNA_F
ClientSampleId :
PB128139BS

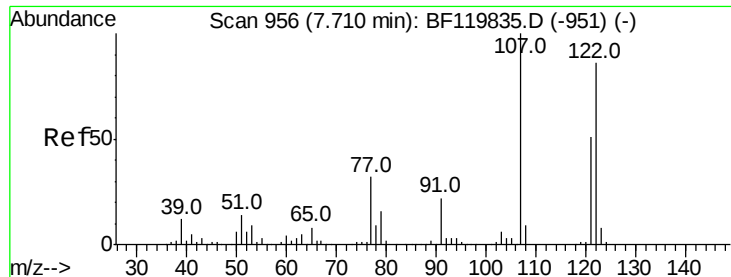
Tot Ion: 82 Resp: 1170318
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.5 14.5 21.7



#26
2-Nitrophenol
Concen: 40.344 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:139 Resp: 333974
Ion Ratio Lower Upper
139 100
109 25.9 21.8 32.6
65 56.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.541 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

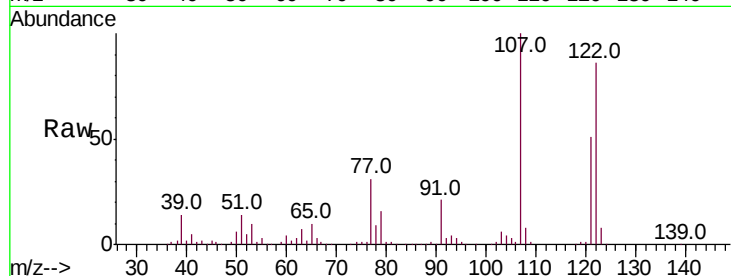
Tot Ion:122 Resp: 518631

Ion Ratio Lower Upper

122 100

107 116.7 92.3 138.5

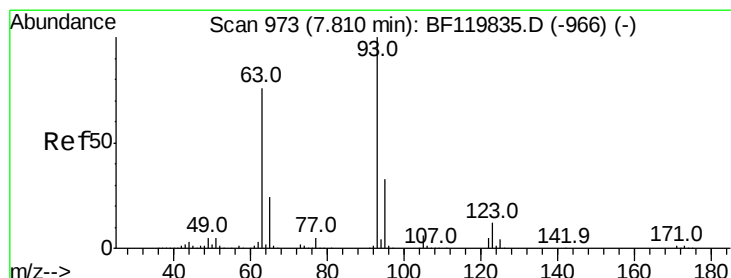
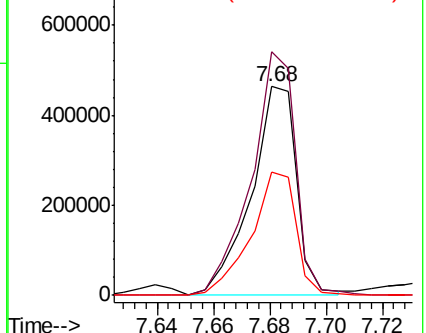
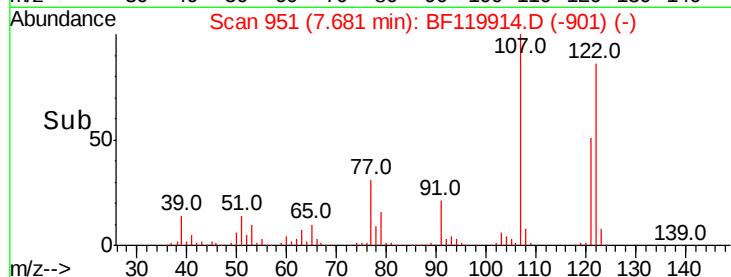
121 58.9 46.6 70.0



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: 39.062 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

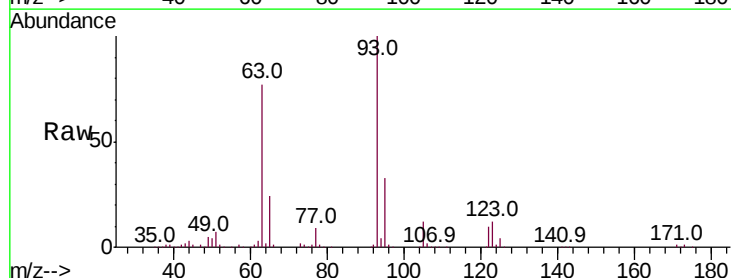
Tgt Ion: 93 Resp: 729835

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

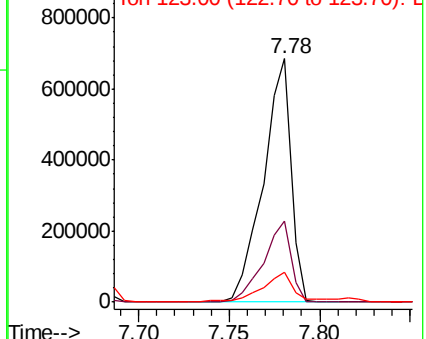
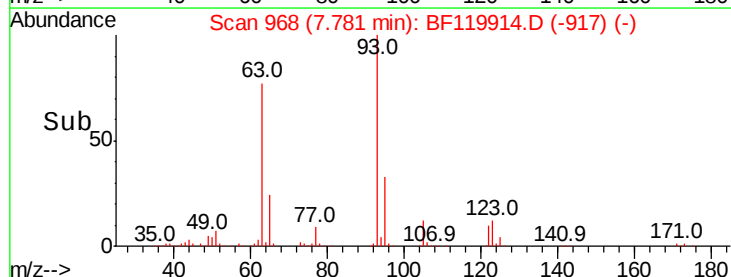
123 12.1 9.7 14.5

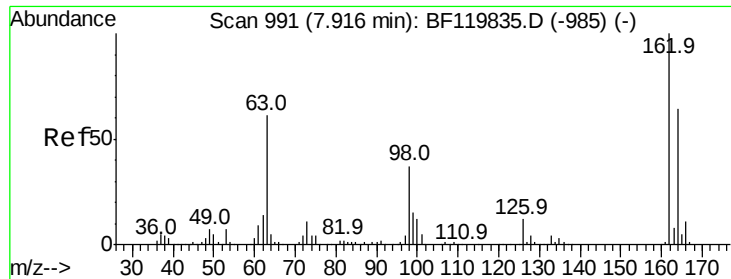


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

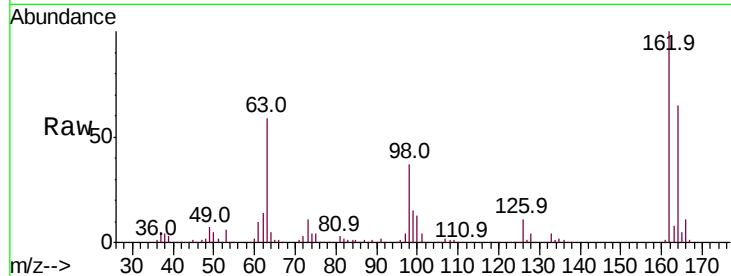




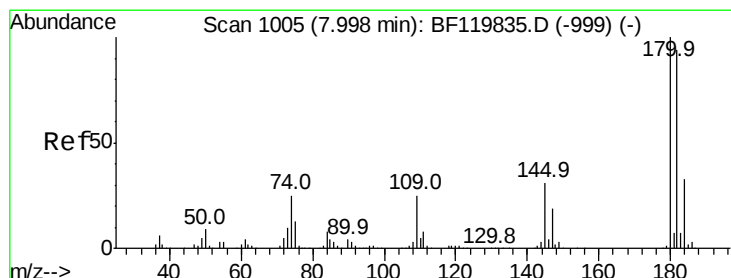
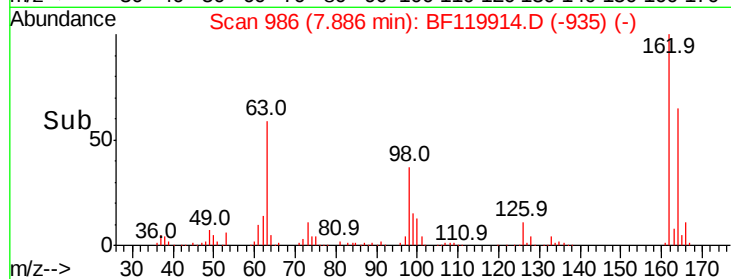
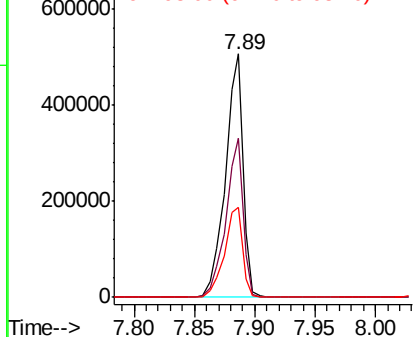
#29
 2,4-Dichlorophenol
 Concen: 39.855 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:	162	Resp:	510032
Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.4	84.4
98	37.2	17.3	57.3

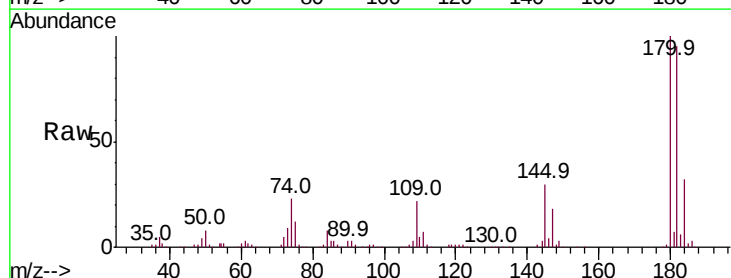


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

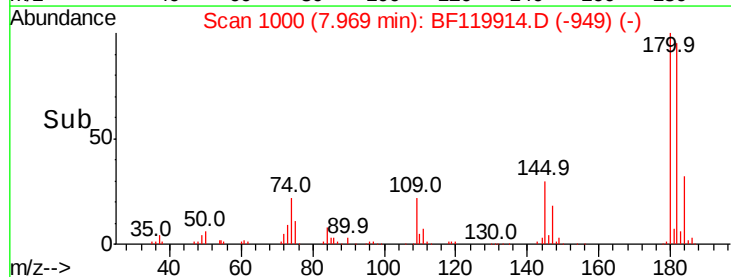
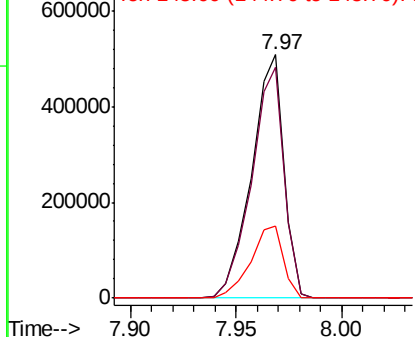


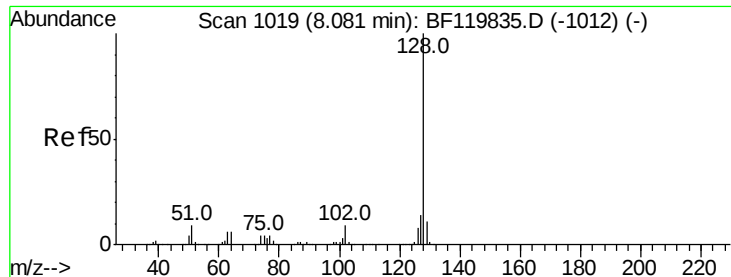
#30
 1,2,4-Trichlorobenzene
 Concen: 37.270 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:	180	Resp:	540426
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
145	29.7	24.6	37.0



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

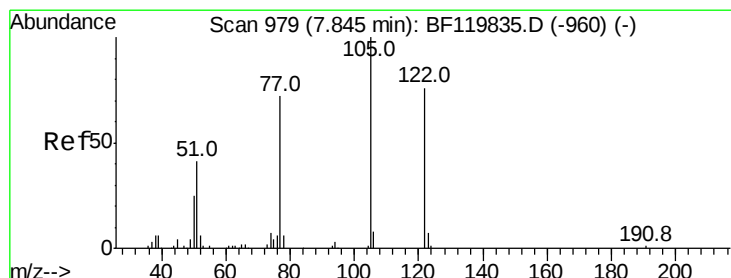
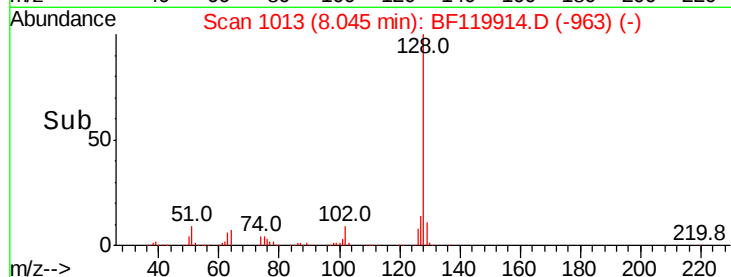
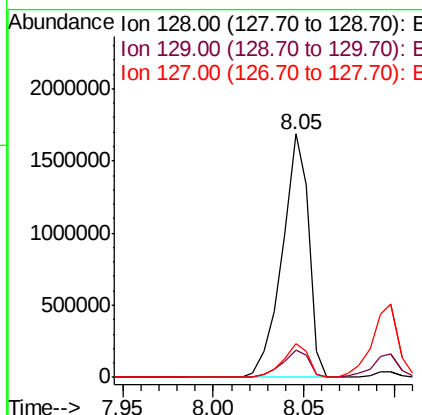
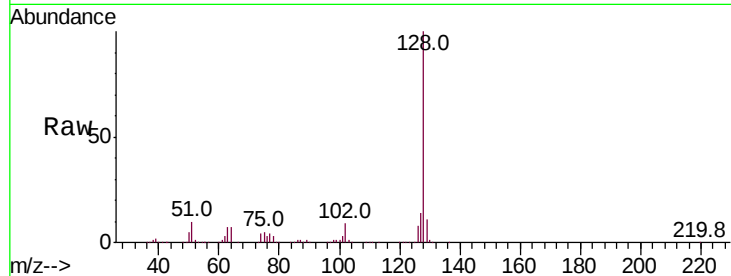




#31
Naphthalene
Concen: 38.256 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

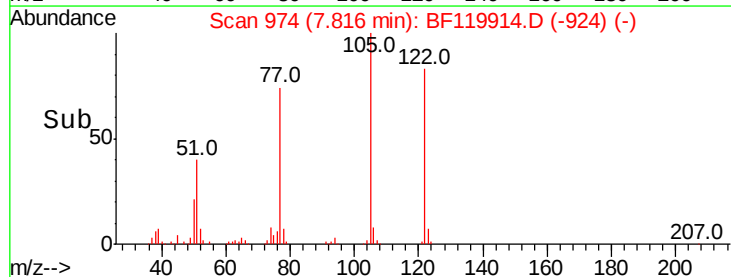
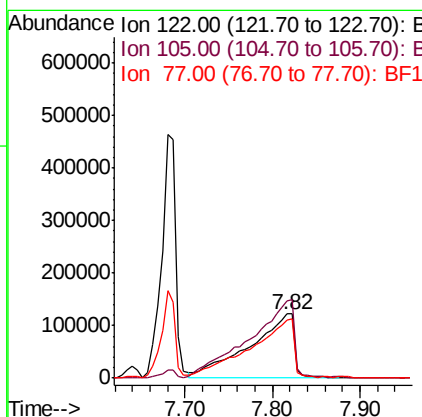
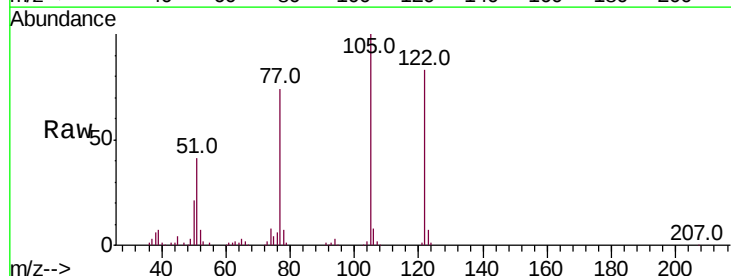
Instrument :
BNA_F
ClientSampleId :
PB128139BS

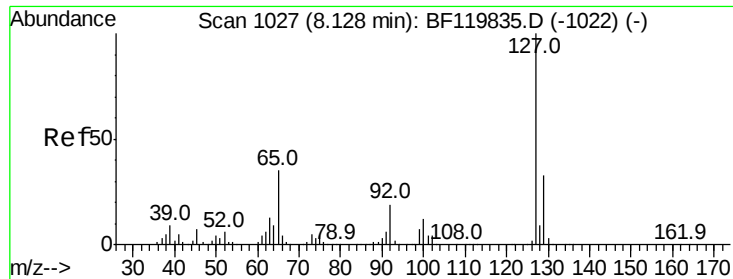
Tot Ion:128 Resp: 1715077
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 38.601 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:122 Resp: 423256
Ion Ratio Lower Upper
122 100
105 120.9 106.7 146.7
77 89.4 72.1 112.1

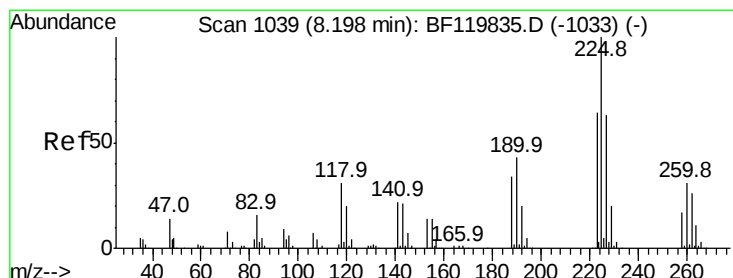
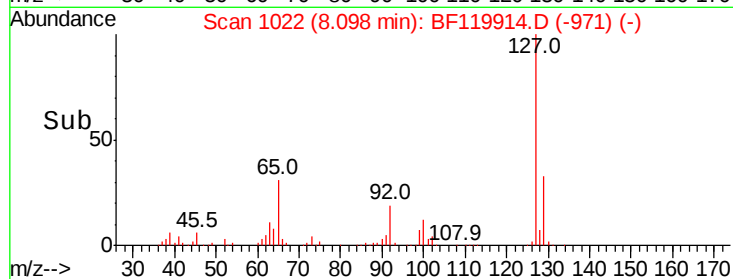
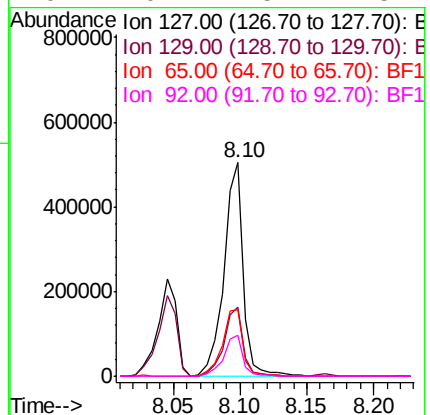
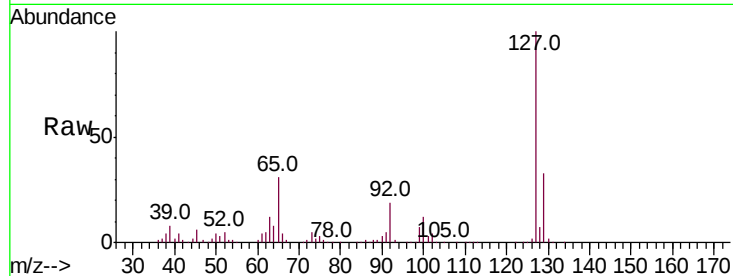




#33
4-Chloroaniline
Concen: 26.246 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

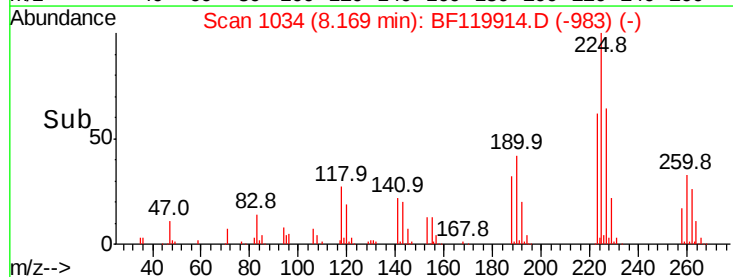
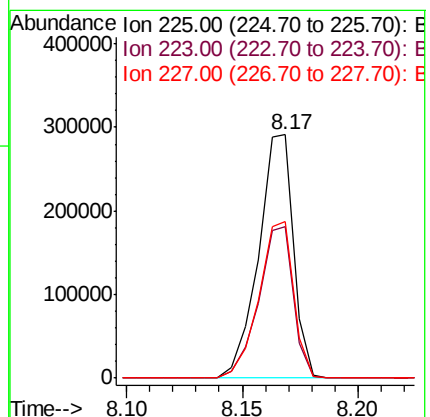
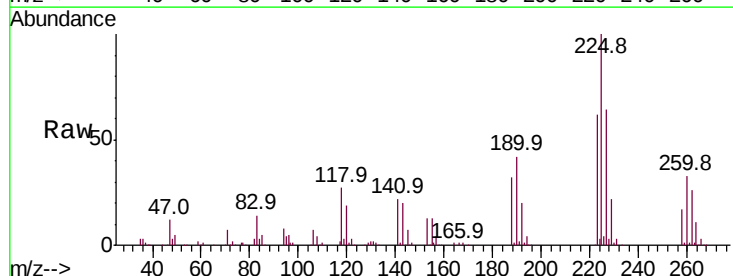
Instrument :
BNA_F
ClientSampleId :
PB128139BS

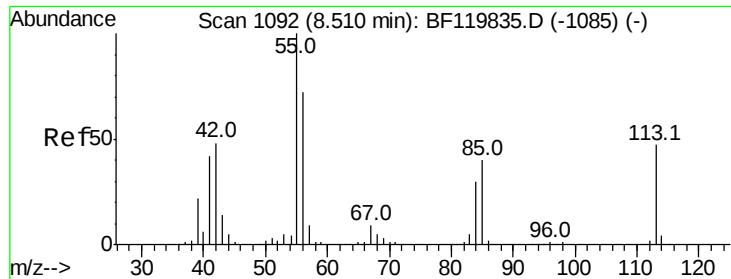
Tot Ion:	127	Resp:	512253
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	31.3	28.3	42.5
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 35.412 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:	225	Resp:	307379
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.3	50.4	75.6

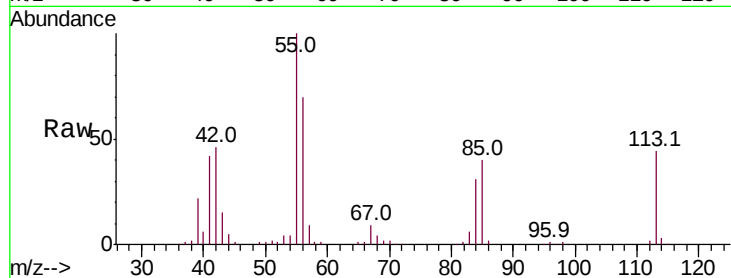




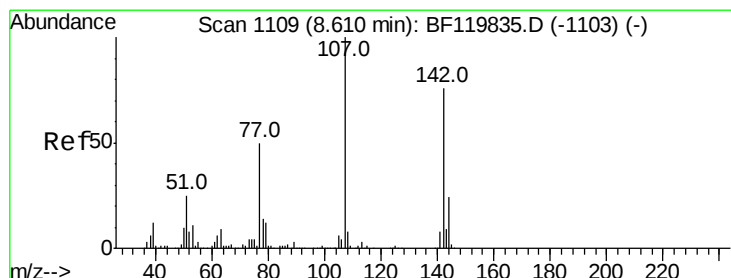
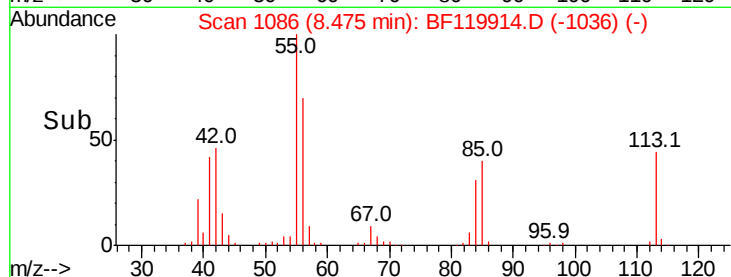
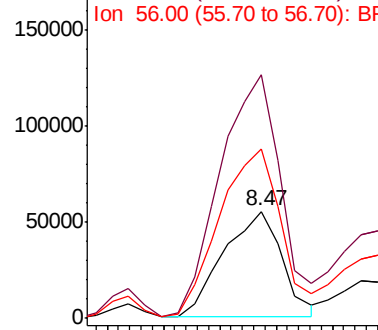
#35
 Caprolactam
 Concen: 20.276 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:113 Resp: 79374
 Ion Ratio Lower Upper
 113 100
 55 228.0 192.7 232.7
 56 158.8 133.3 173.3

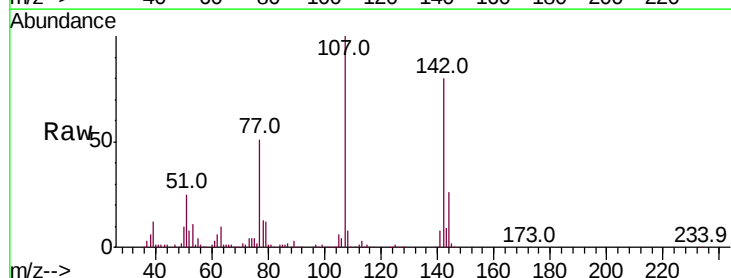


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

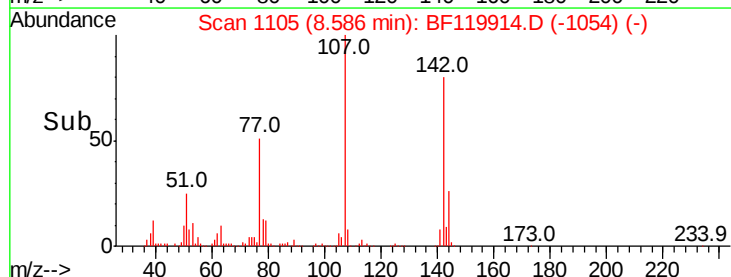
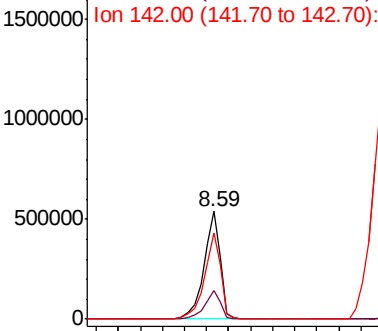


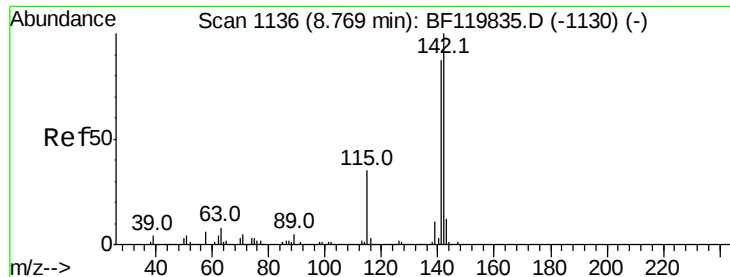
#36
 4-Chloro-3-methylphenol
 Concen: 40.147 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:107 Resp: 556248
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.5 29.3
 142 79.7 60.5 90.7



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

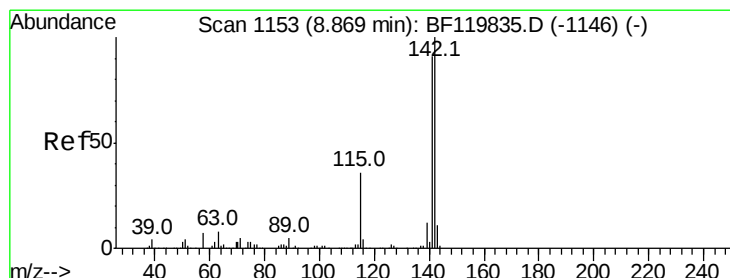
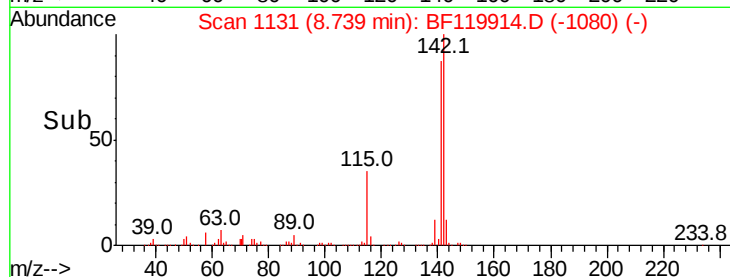
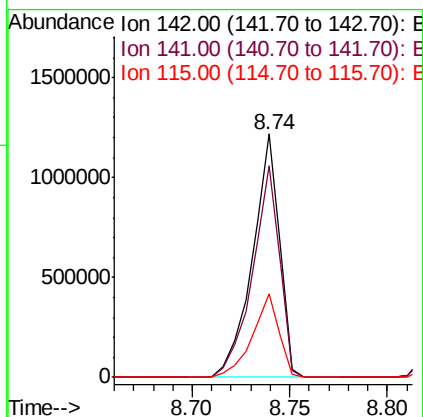
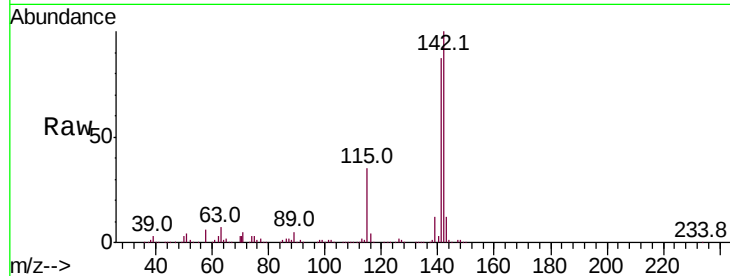




#37
 2-Methylnaphthalene
 Concen: 38.355 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

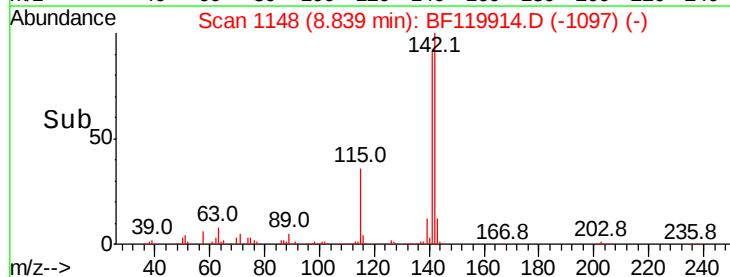
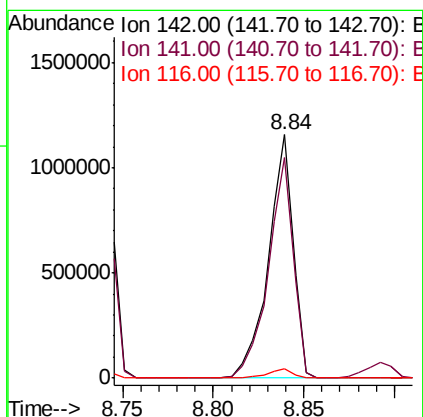
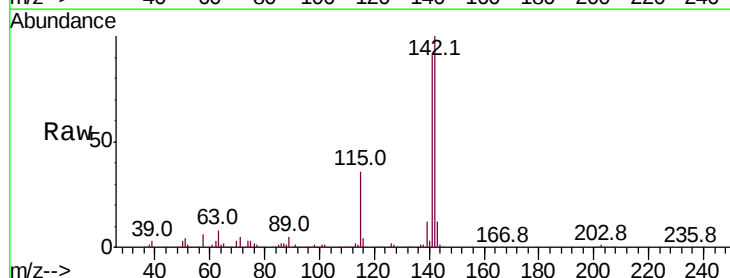
Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

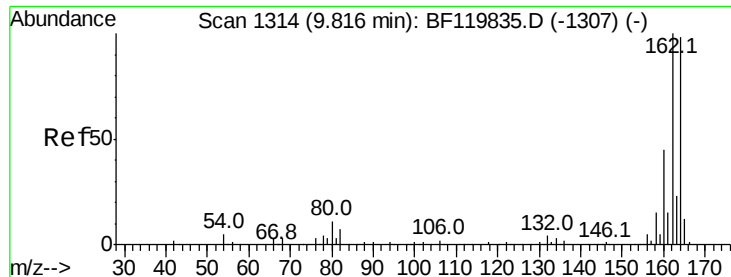
Tot Ion:142 Resp: 1165801
 Ion Ratio Lower Upper
 142 100
 141 86.7 69.9 104.9
 115 34.6 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 38.302 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:142 Resp: 1097289
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.9 109.3
 116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

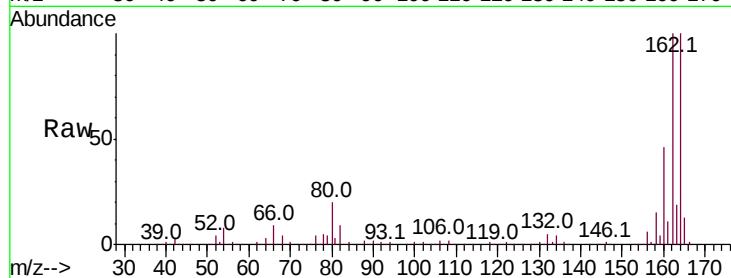
Tot Ion:164 Resp: 457121

Ion Ratio Lower Upper

164 100

162 100.2 81.9 122.9

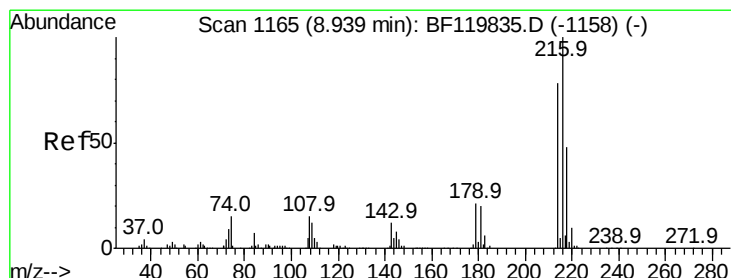
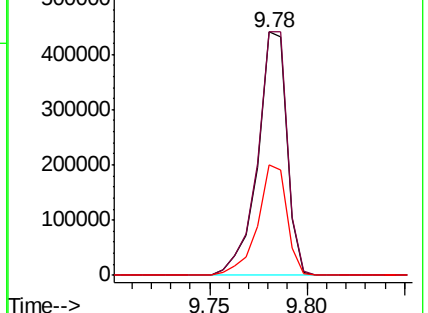
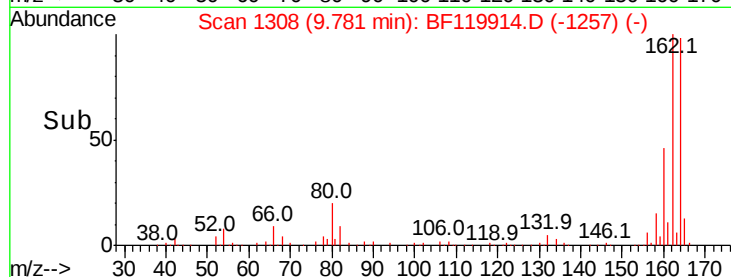
160 45.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.934 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Tgt Ion:216 Resp: 504369

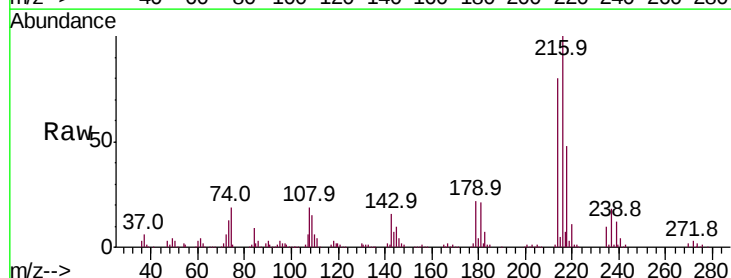
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 21.4 17.0 25.4

108 20.7 14.8 22.2

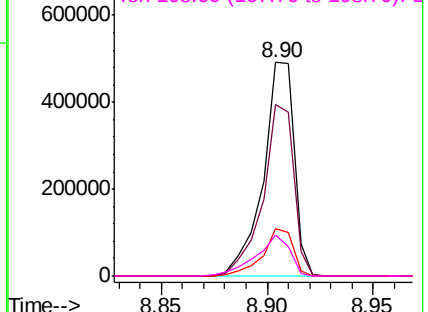
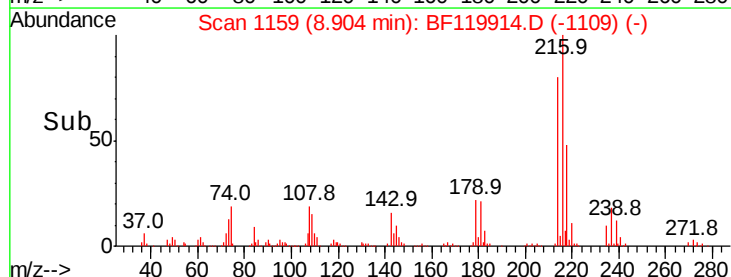


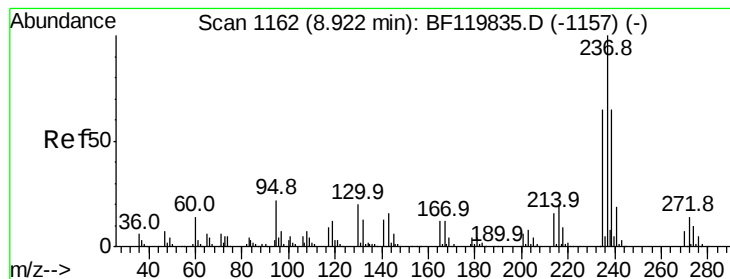
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.984 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

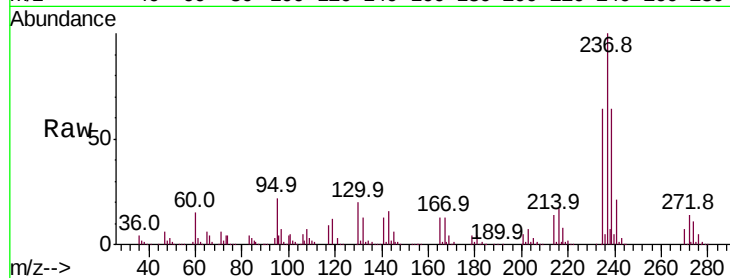
Tot Ion:237 Resp: 632032

Ion Ratio Lower Upper

237 100

235 64.5 44.9 84.9

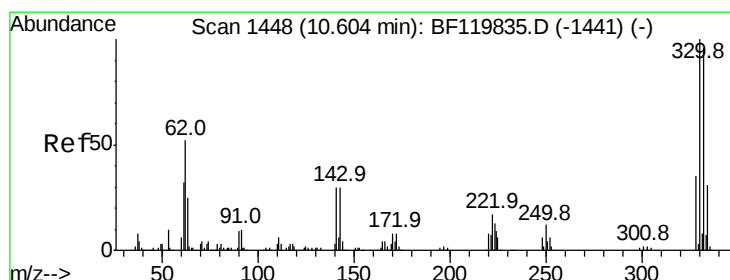
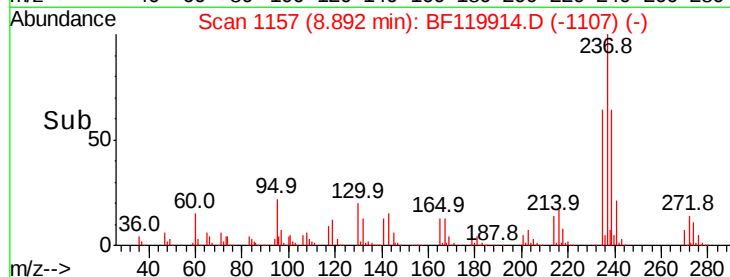
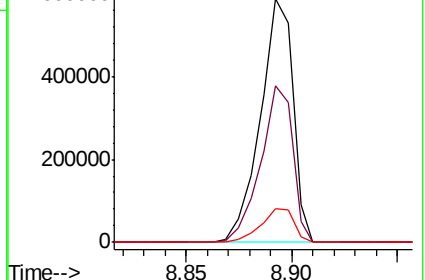
272 13.9 0.0 33.6



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: 106.538 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

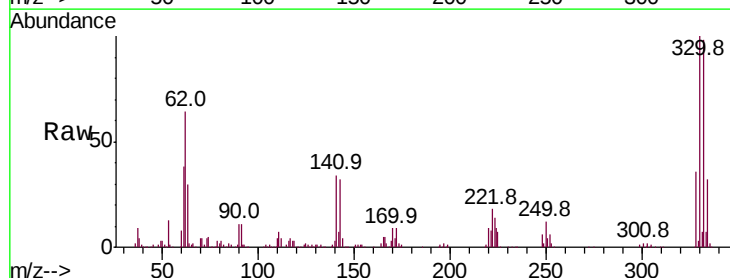
Tgt Ion:330 Resp: 596260

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

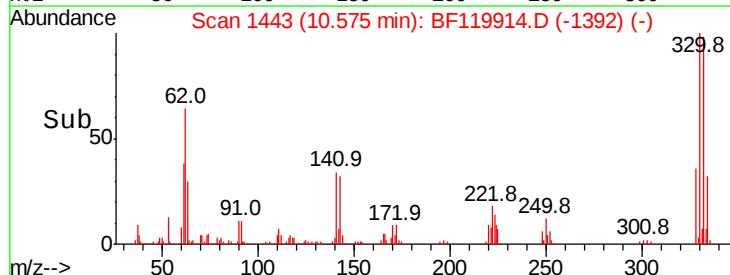
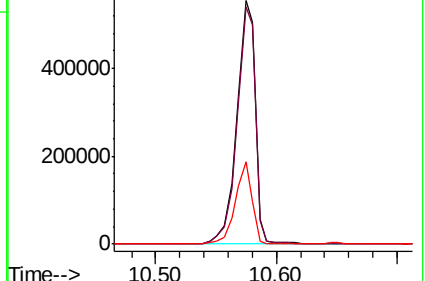
141 30.7 25.1 37.7

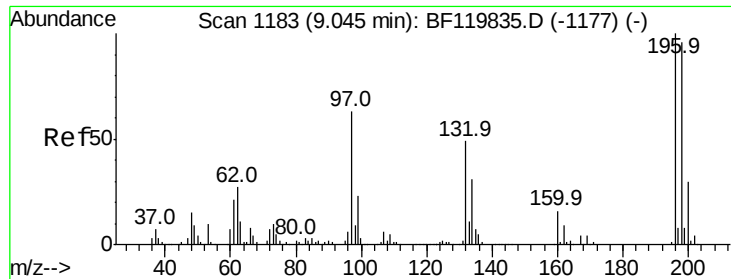


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

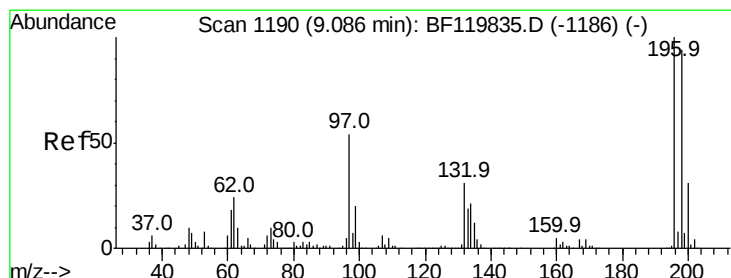
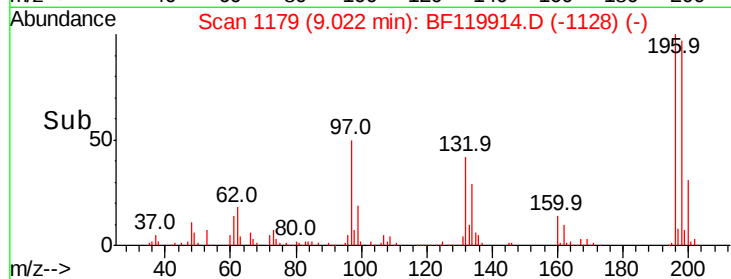
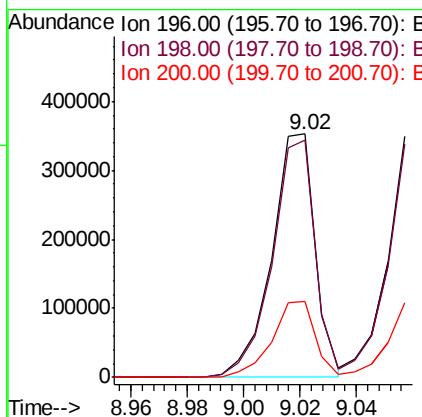
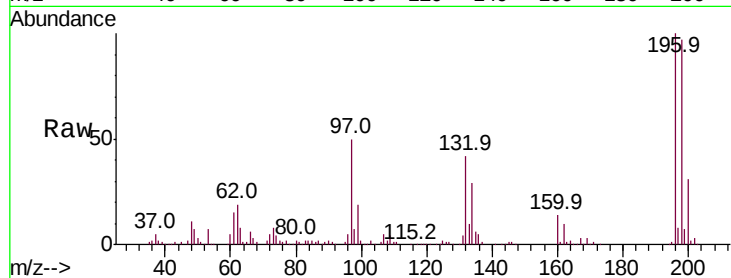




#43
 2,4,6-Trichlorophenol
 Concen: 37.807 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

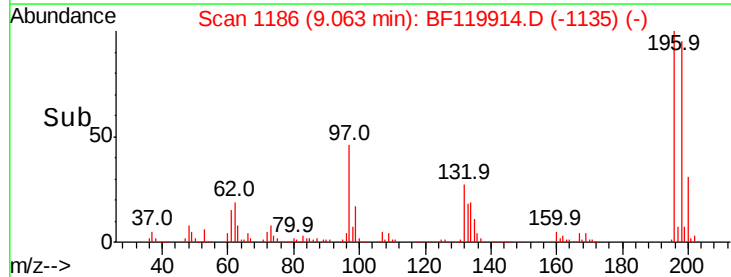
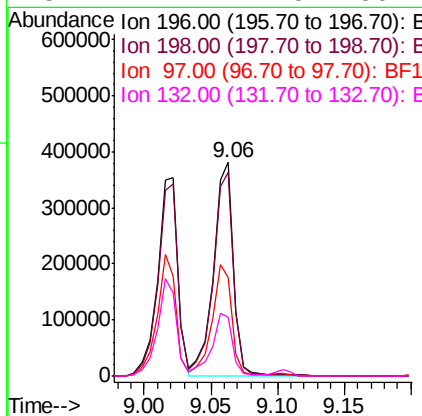
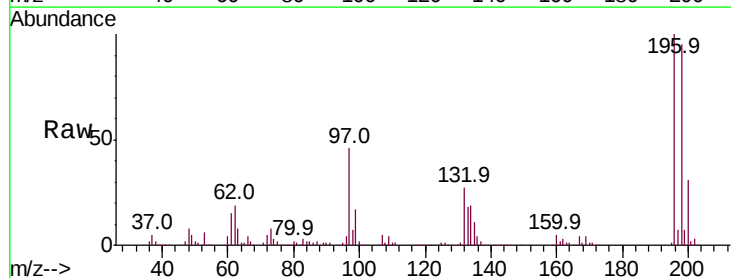
Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

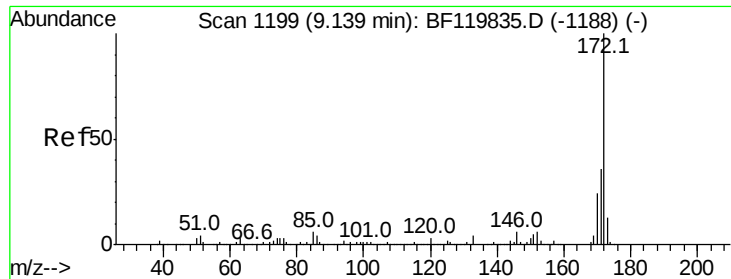
Tot Ion:	196	Resp:	376934
Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.1	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 35.633 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:	196	Resp:	400130
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.1	112.7
97	45.9	43.4	65.2
132	27.4	24.5	36.7

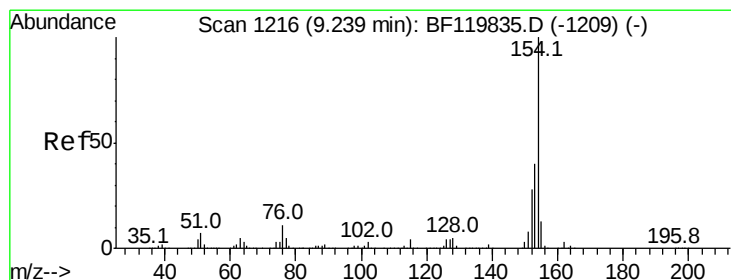
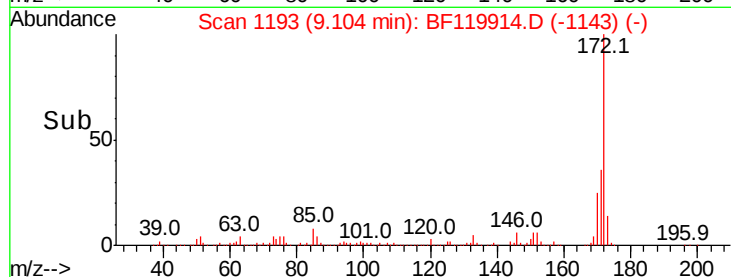
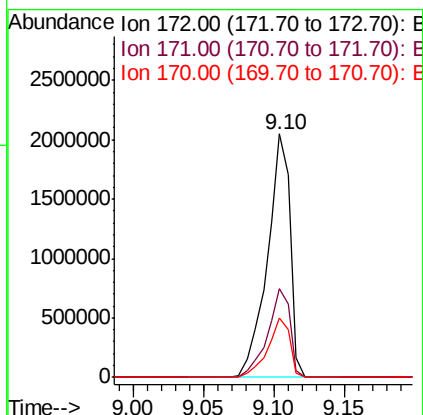
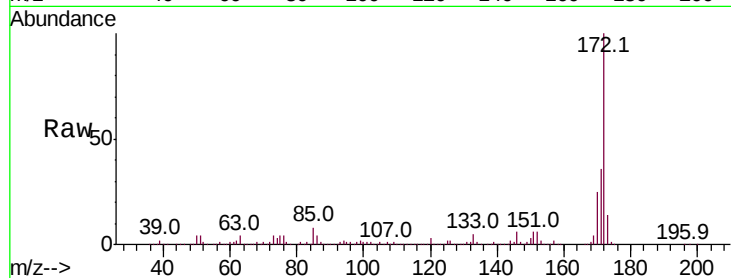




#45
2-Fluorobiphenyl
Concen: 71.673 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

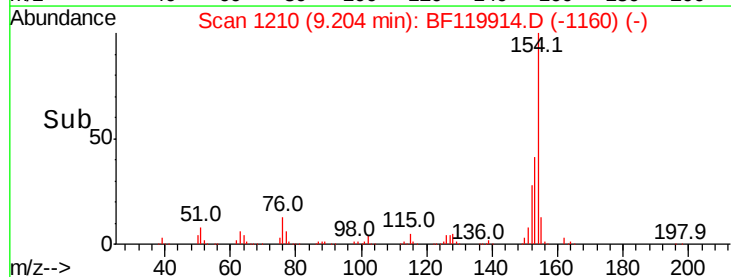
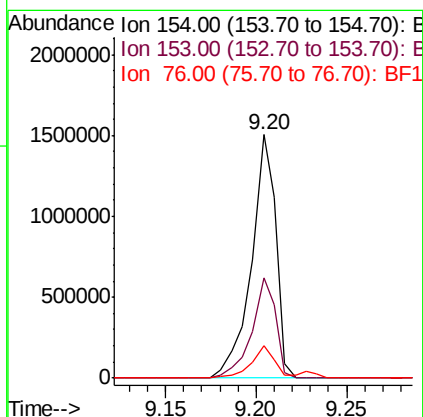
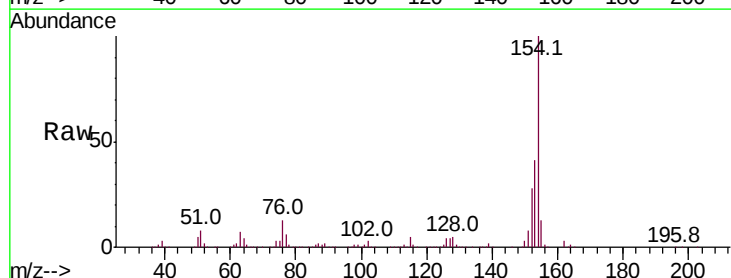
Instrument :
BNA_F
ClientSampleId :
PB128139BS

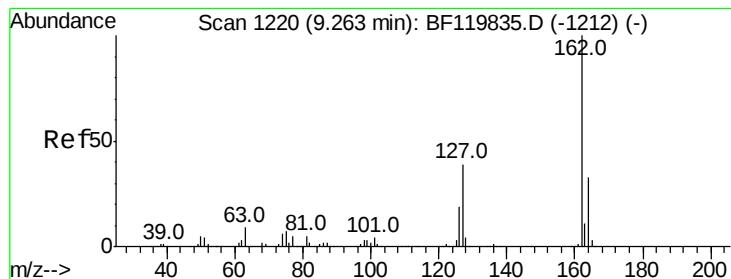
Tot Ion:172 Resp: 2307615
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 36.439 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:154 Resp: 1405953
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 13.4 0.0 30.6





#47

2-Chloronaphthalene

Concen: 36.813 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

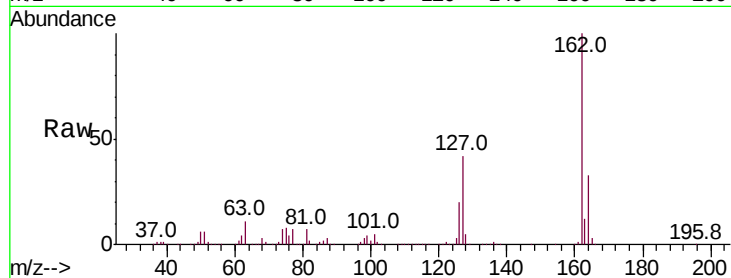
Tot Ion:162 Resp: 1094176

Ion Ratio Lower Upper

162 100

127 42.3 31.2 46.8

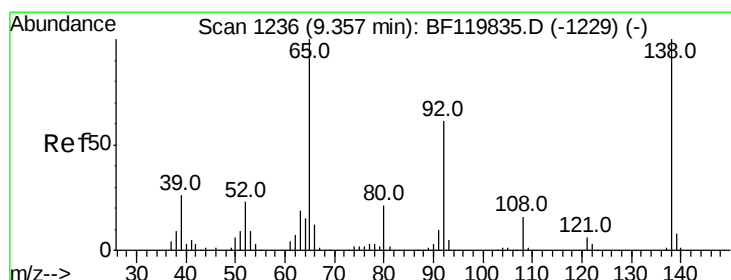
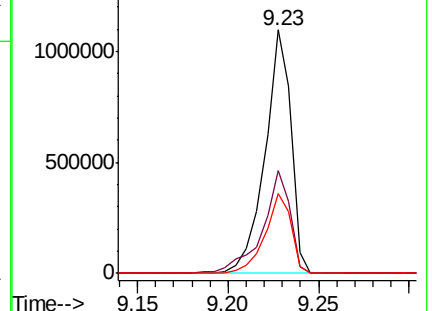
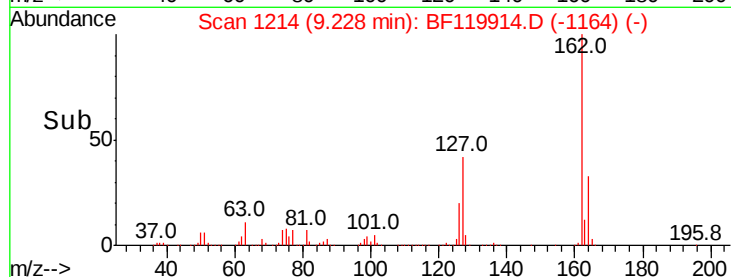
164 33.0 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.488 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

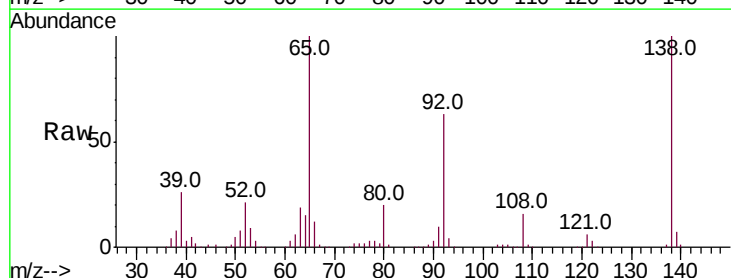
Tgt Ion: 65 Resp: 403790

Ion Ratio Lower Upper

65 100

92 62.7 49.0 73.6

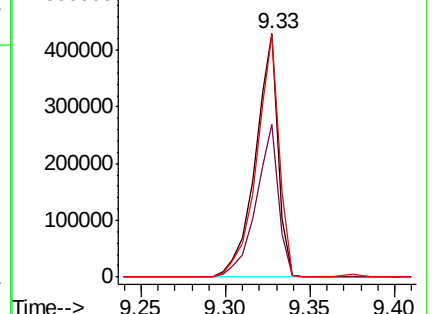
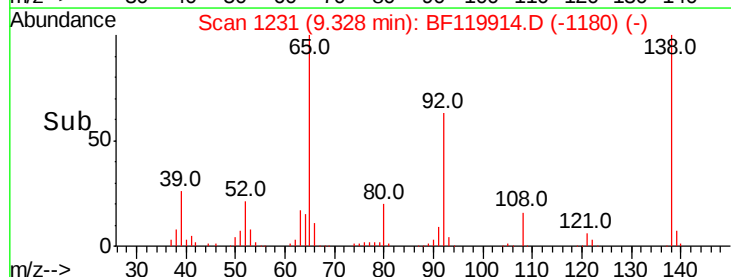
138 99.6 79.7 119.5

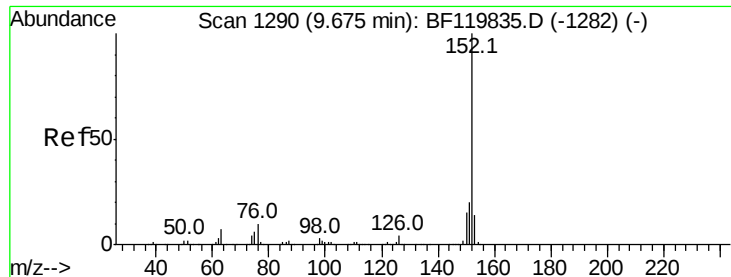


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.215 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

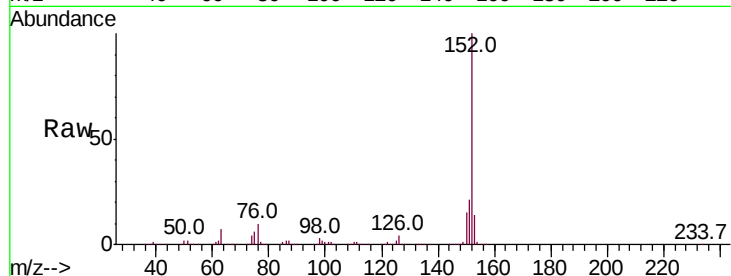
Tot Ion:152 Resp: 1727440

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4

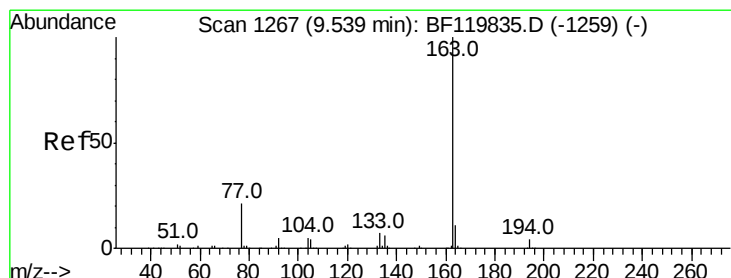
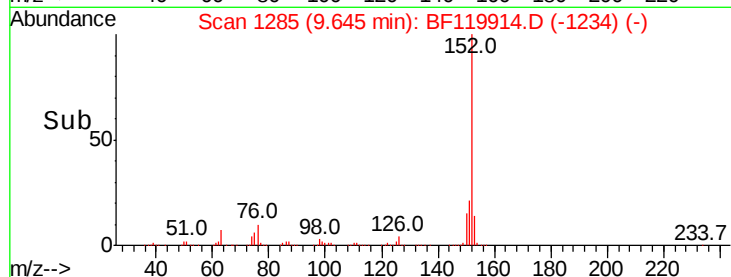
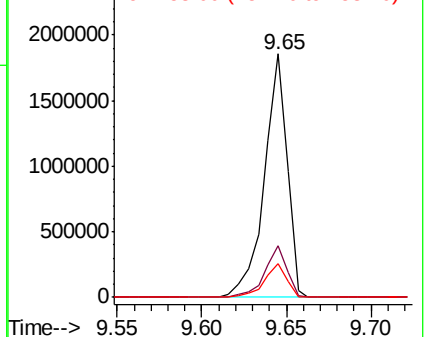
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.191 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

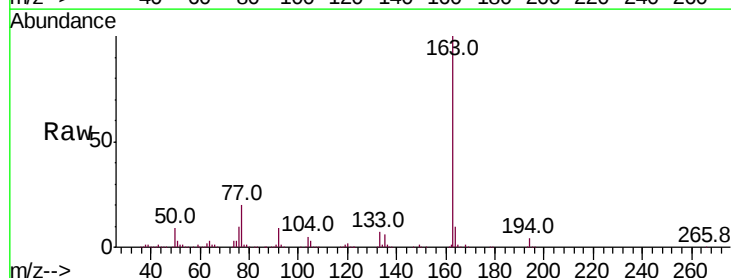
Tgt Ion:163 Resp: 1314970

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

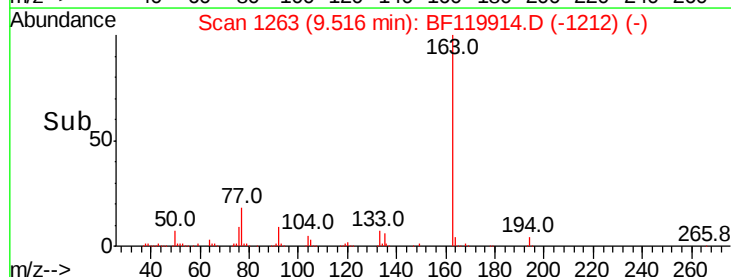
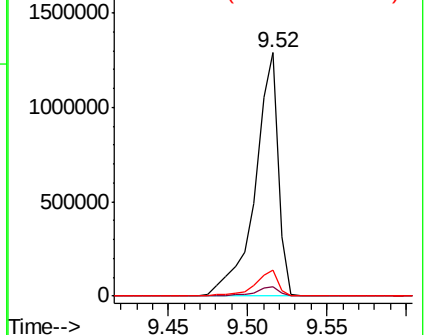
164 10.5 8.4 12.6

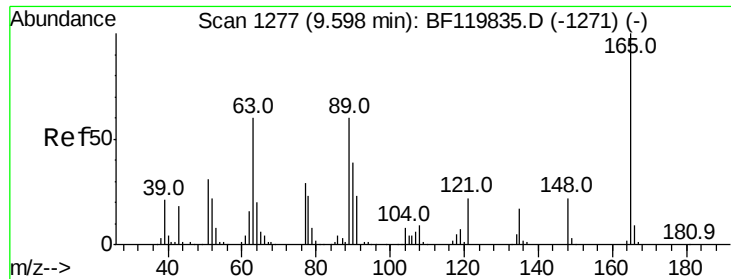


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

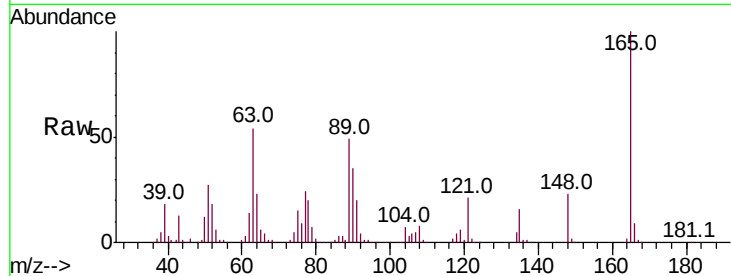




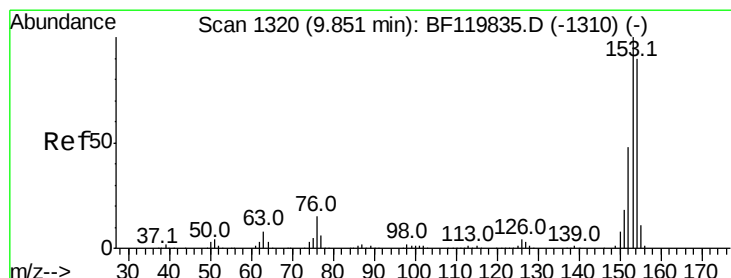
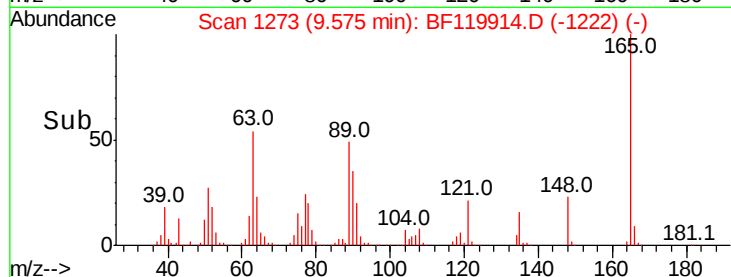
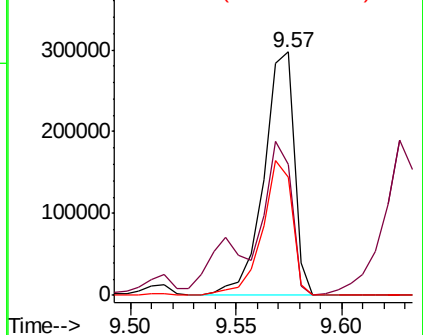
#51
 2,6-Dinitrotoluene
 Concen: 38.562 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:165 Resp: 298576
 Ion Ratio Lower Upper
 165 100
 63 53.7 55.6 83.4#
 89 48.7 47.9 71.9

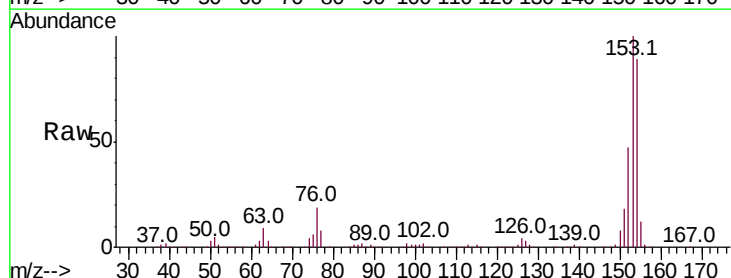


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

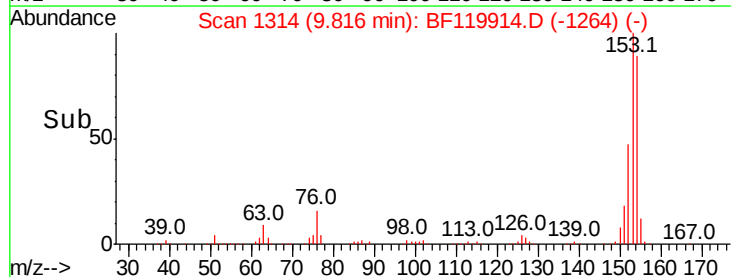
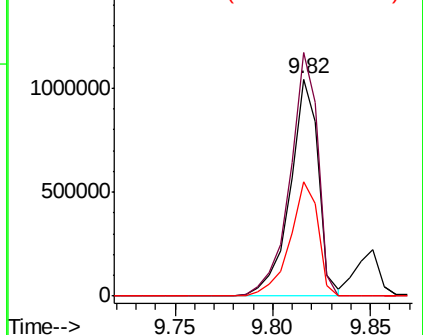


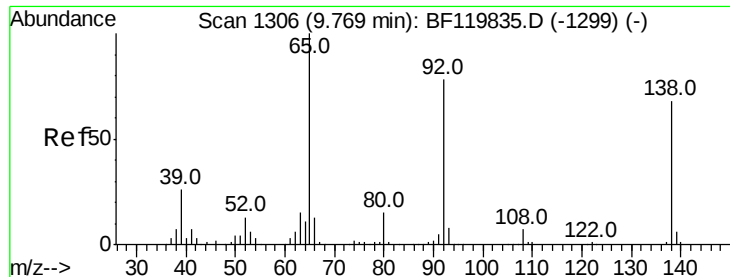
#52
 Acenaphthene
 Concen: 34.699 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:154 Resp: 1046293
 Ion Ratio Lower Upper
 154 100
 153 112.1 88.8 133.2
 152 52.8 42.4 63.6



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

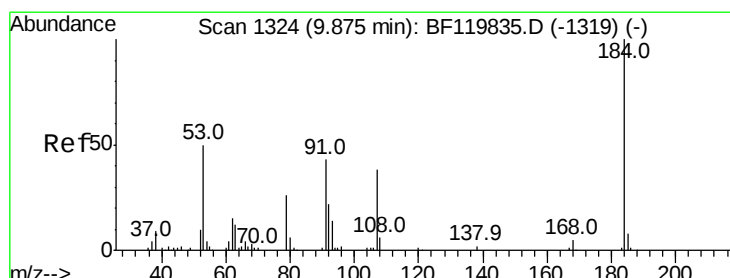
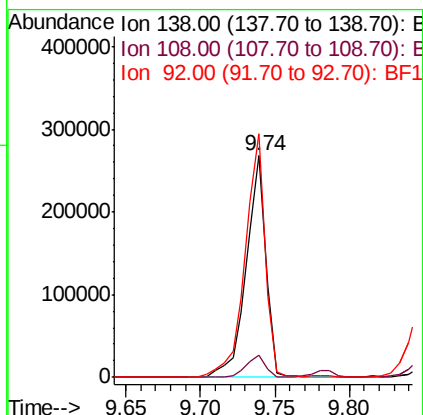
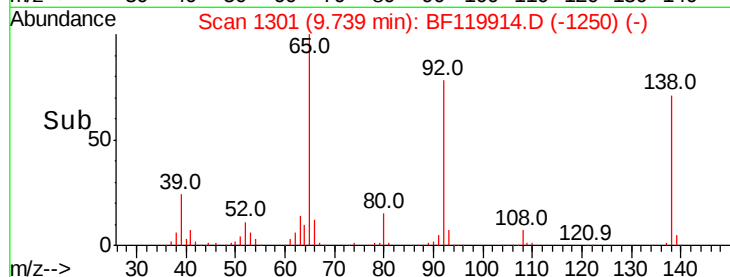
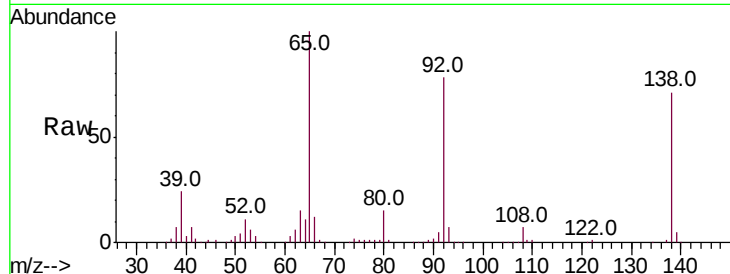




#53
3-Nitroaniline
Concen: 27.539 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

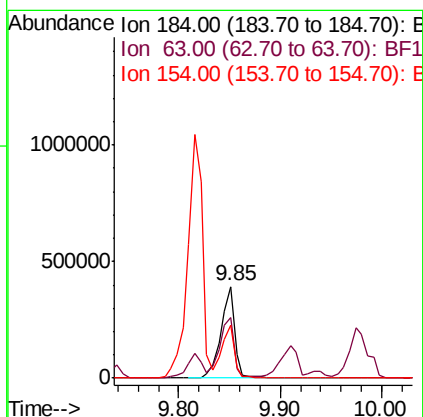
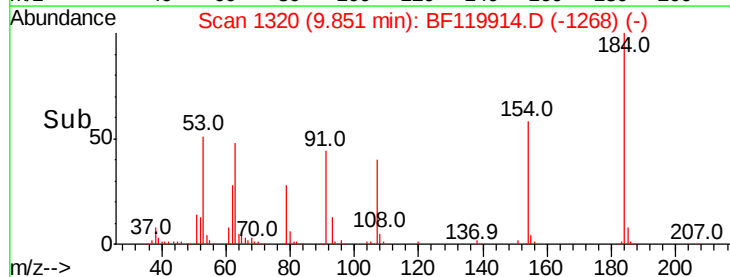
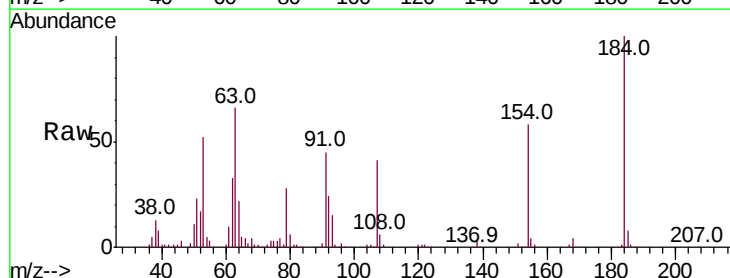
Instrument :
BNA_F
ClientSampleId :
PB128139BS

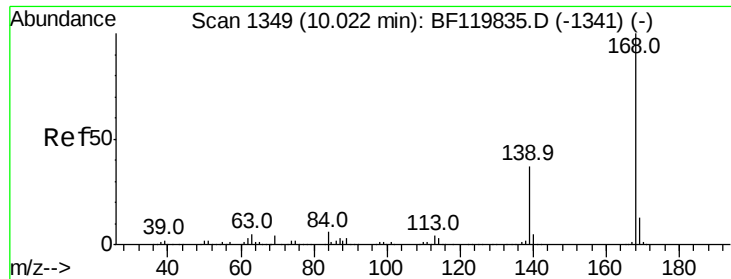
Tot Ion:138 Resp: 243526
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 110.0 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 81.126 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:184 Resp: 376066
Ion Ratio Lower Upper
184 100
63 65.6 49.8 74.6
154 57.6 46.5 69.7

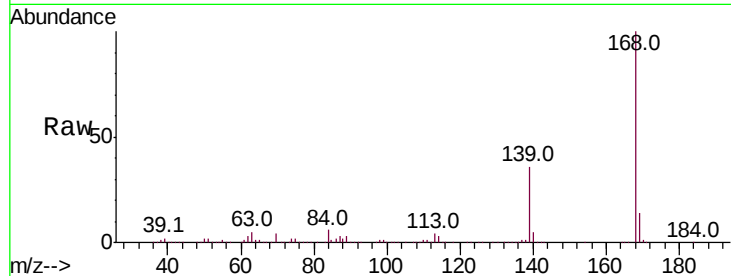




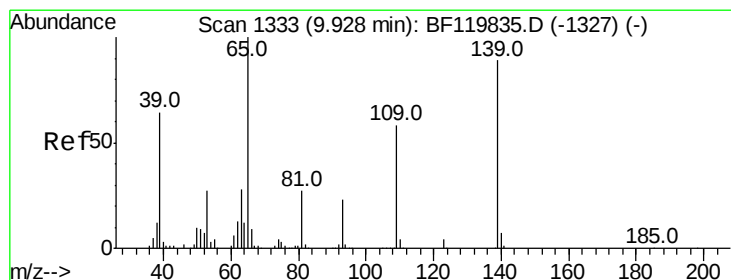
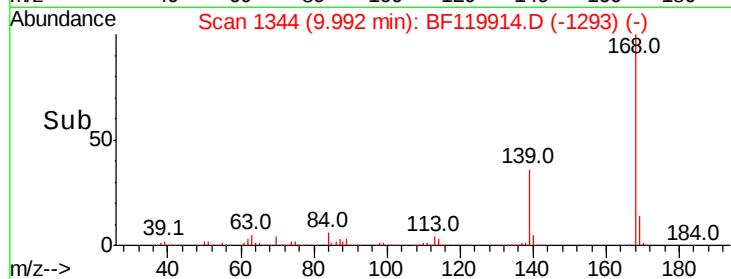
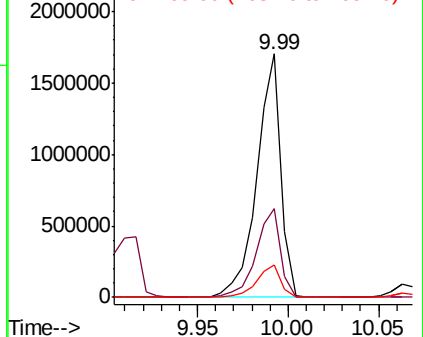
#55
Dibenzofuran
Concen: 37.615 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128139BS

Tot Ion:168 Resp: 1556441
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.6 10.6 15.8

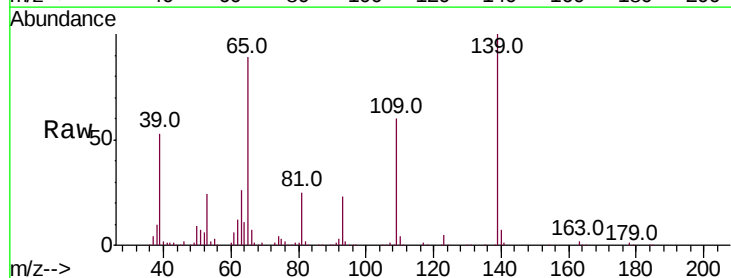


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

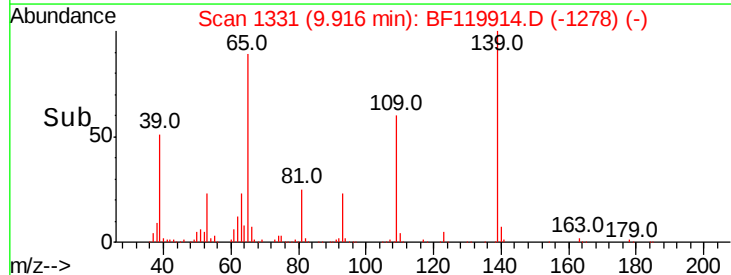
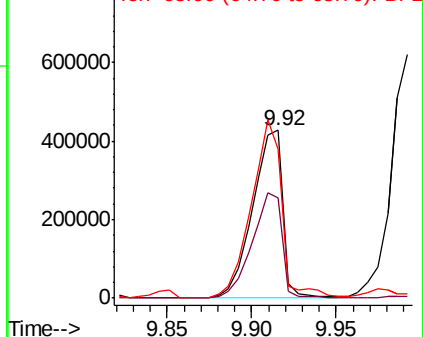


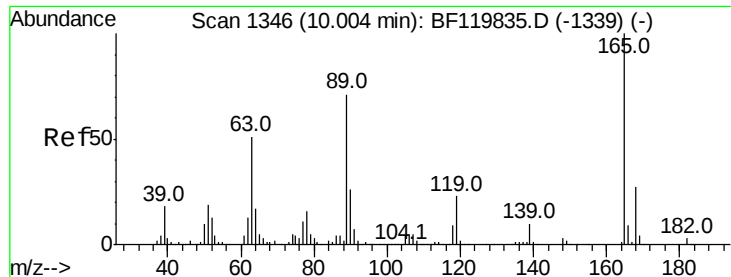
#56
4-Nitrophenol
Concen: 80.637 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:139 Resp: 530561
Ion Ratio Lower Upper
139 100
109 59.5 45.5 85.5
65 88.6 92.3 132.3#



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





#57

2,4-Dinitrotoluene

Concen: 38.897 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

Tot Ion:165 Resp: 396798

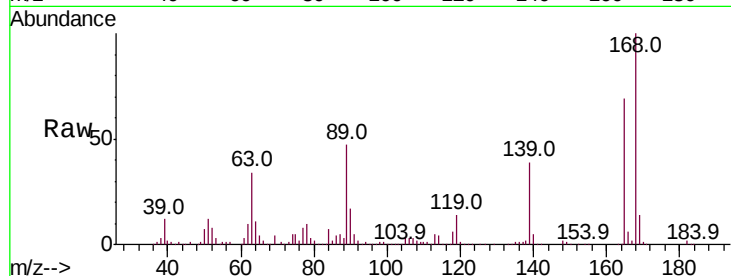
Ion Ratio Lower Upper

165 100

63 49.3 40.8 61.2

89 68.4 56.9 85.3

182 2.5 2.0 3.0

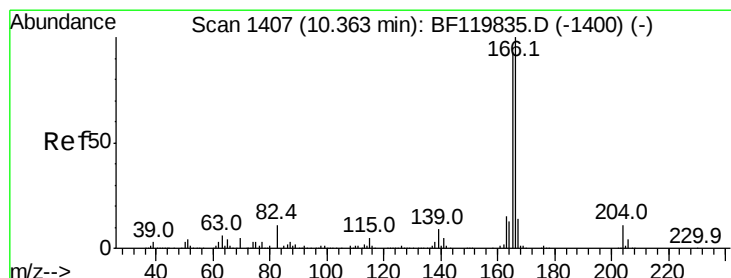
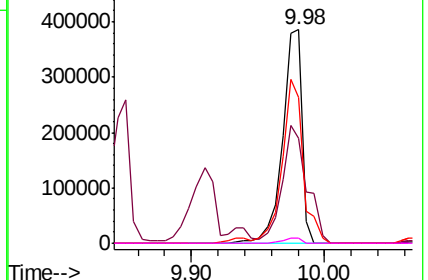
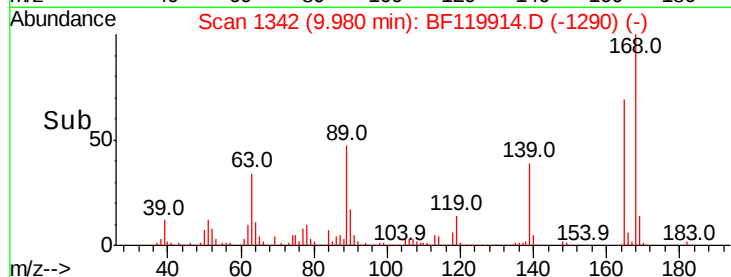


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.384 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

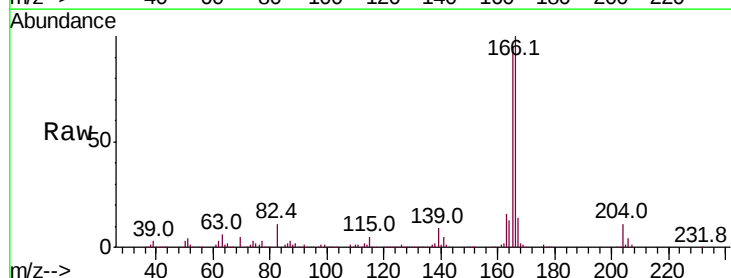
Tgt Ion:166 Resp: 1204012

Ion Ratio Lower Upper

166 100

165 95.1 74.2 111.2

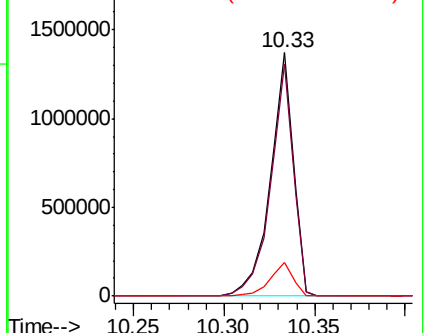
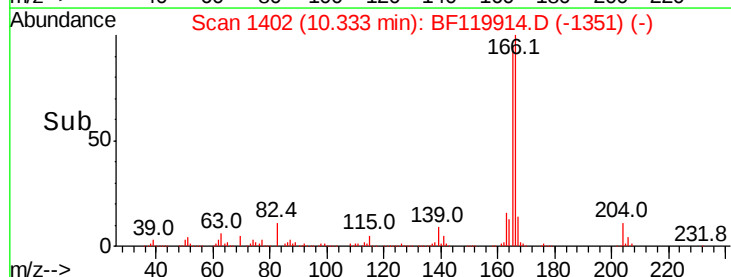
167 14.0 10.8 16.2

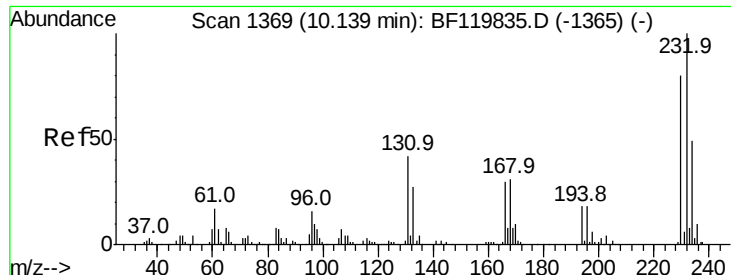


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.471 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

Tot Ion:232 Resp: 338984

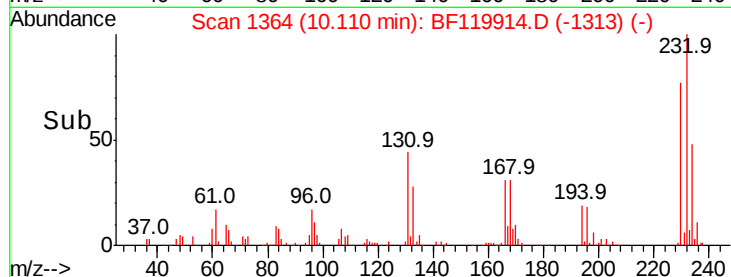
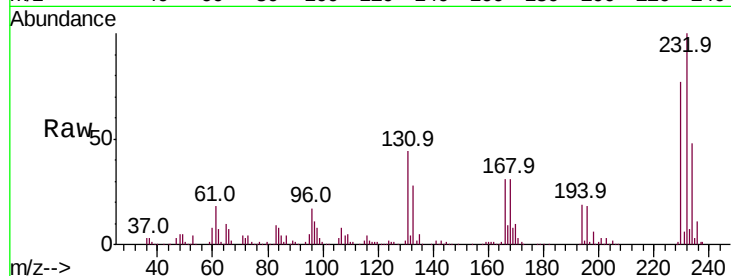
Ion Ratio Lower Upper

232 100

131 47.5 37.9 56.9

130 2.1 1.8 2.6

166 31.9 25.4 38.0

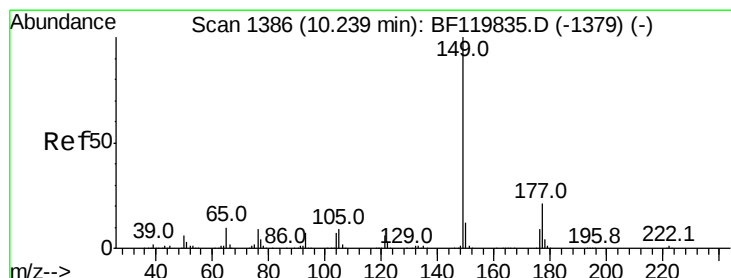
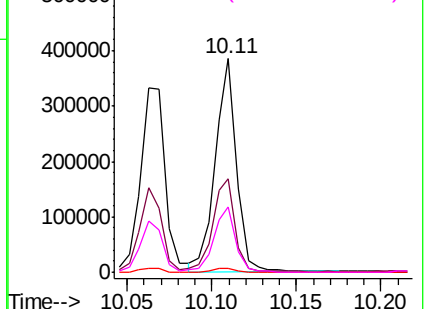


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.926 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

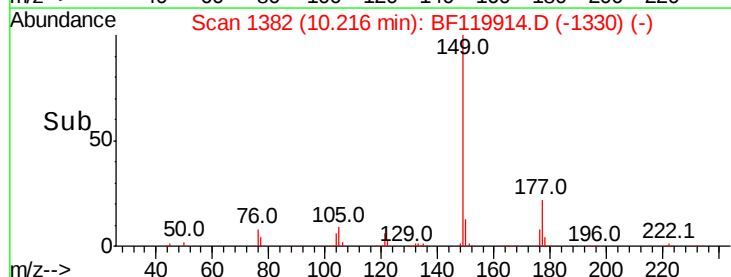
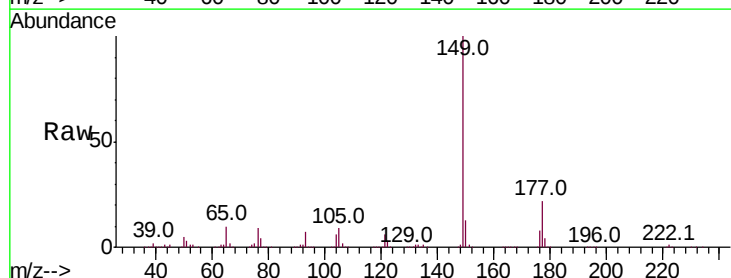
Tgt Ion:149 Resp: 1353178

Ion Ratio Lower Upper

149 100

177 21.9 16.8 25.2

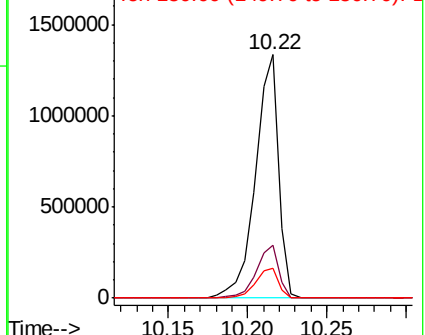
150 12.5 9.8 14.6

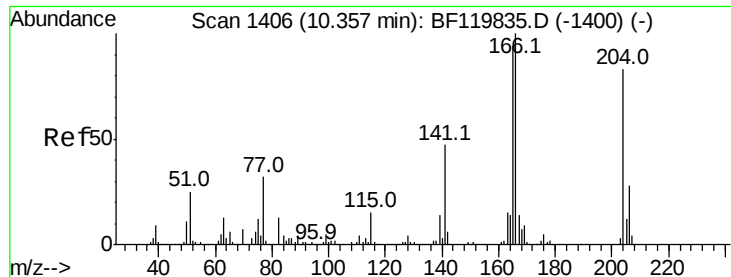


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

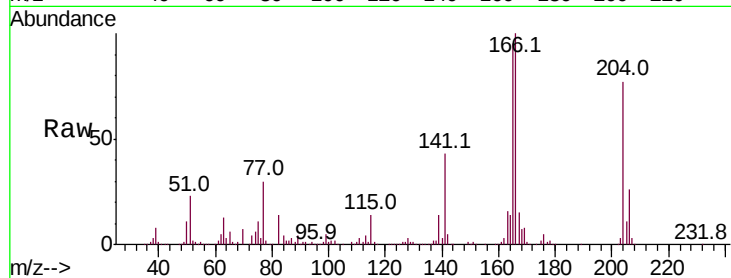




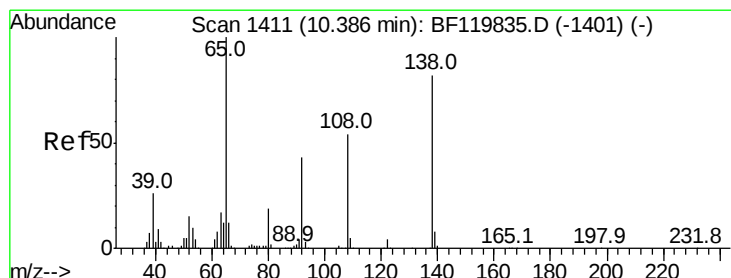
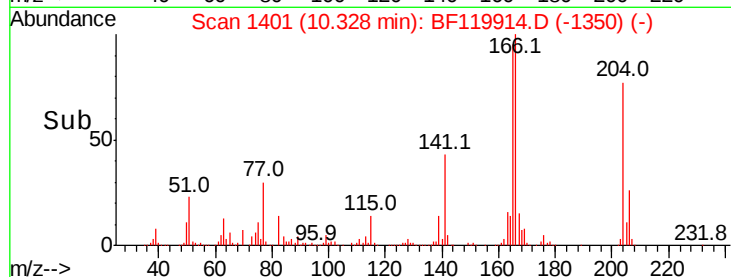
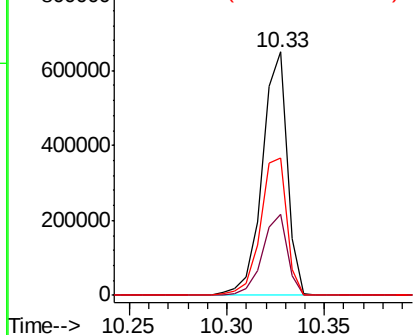
#61
 4-Chlorophenyl-phenylether
 Concen: 34.070 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:204 Resp: 577851
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 56.5 45.8 68.8

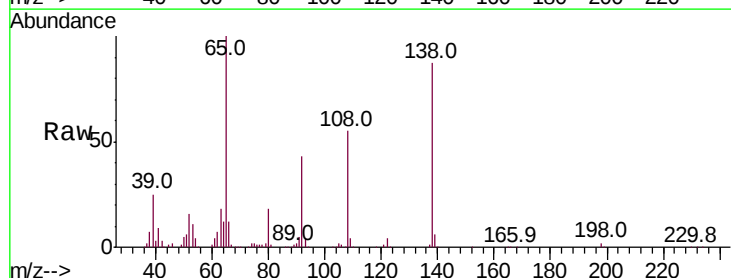


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

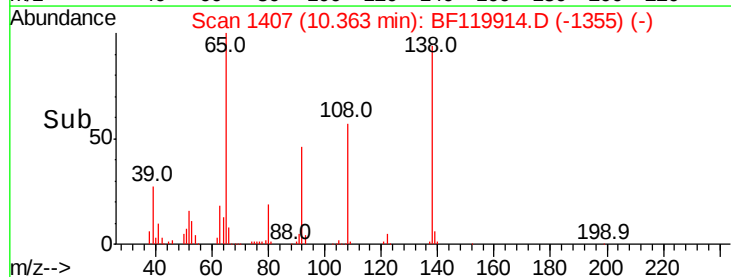
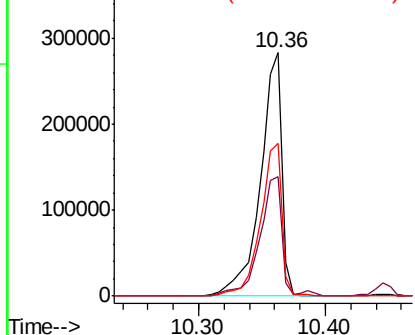


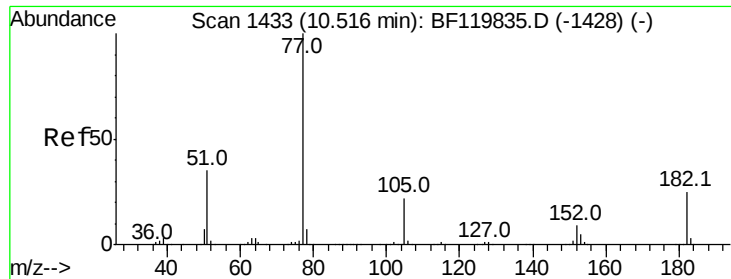
#62
 4-Nitroaniline
 Concen: 39.772 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:138 Resp: 335172
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.6 71.6
 108 62.9 45.2 85.2



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

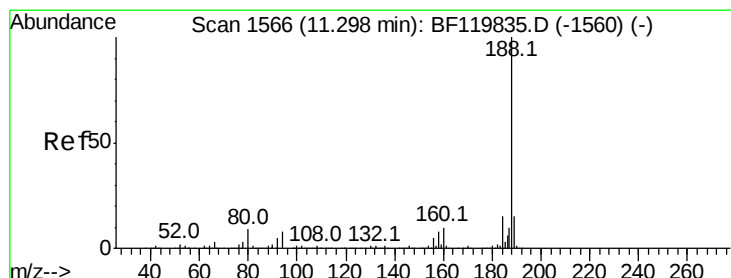
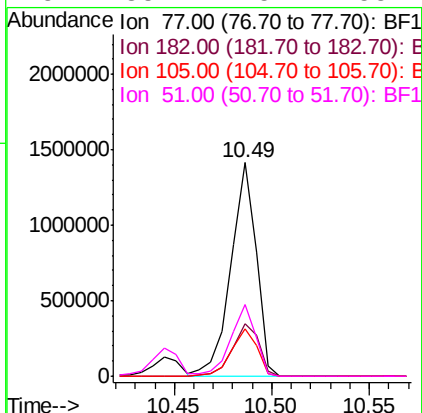
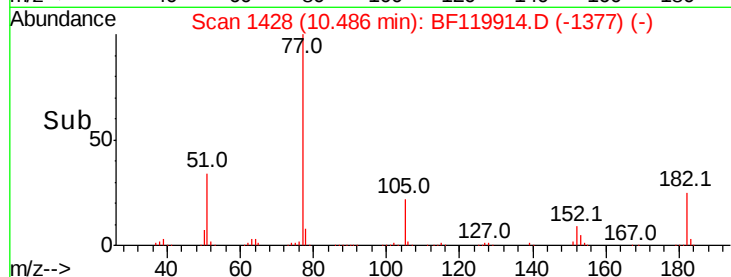
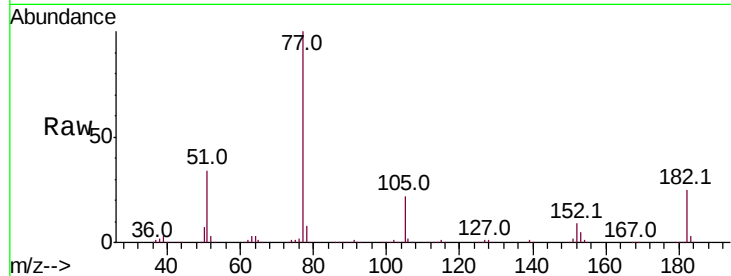




#63
Azobenzene
Concen: 38.772 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

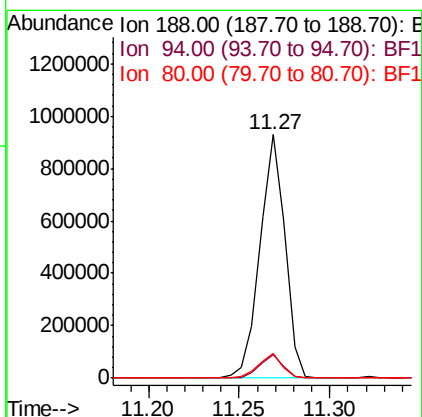
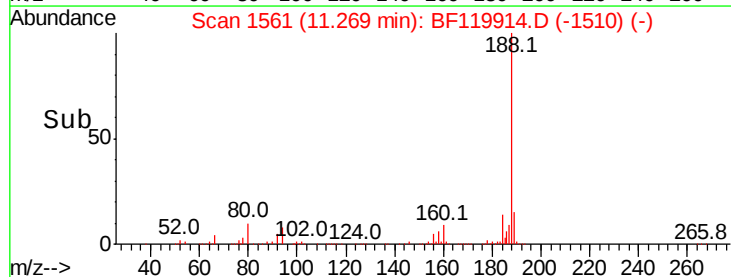
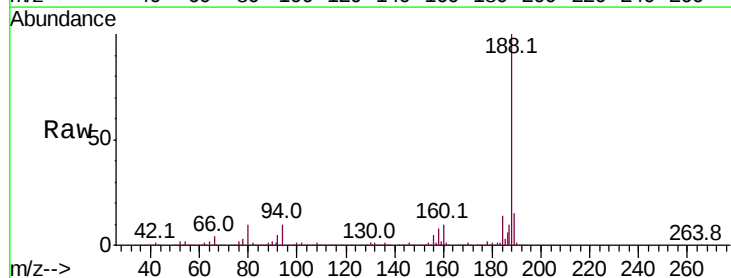
Instrument :
BNA_F
ClientSampleId :
PB128139BS

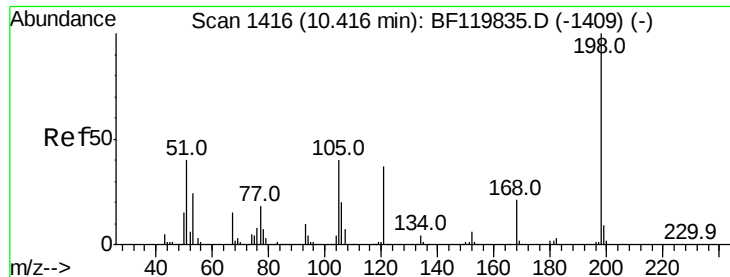
Tot Ion: 77 Resp: 1273325
Ion Ratio Lower Upper
77 100
182 24.8 4.5 44.5
105 22.3 2.2 42.2
51 33.7 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion: 188 Resp: 894196
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.0 7.4 11.2

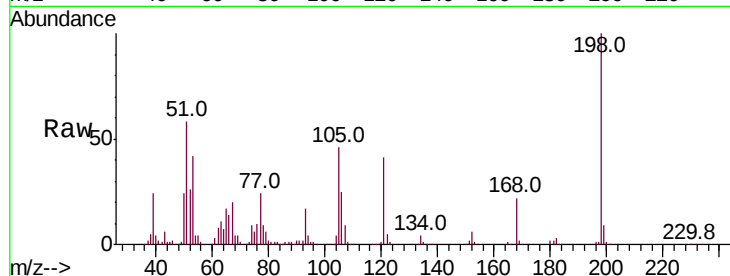




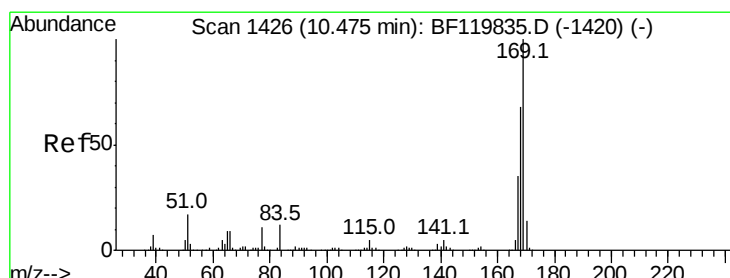
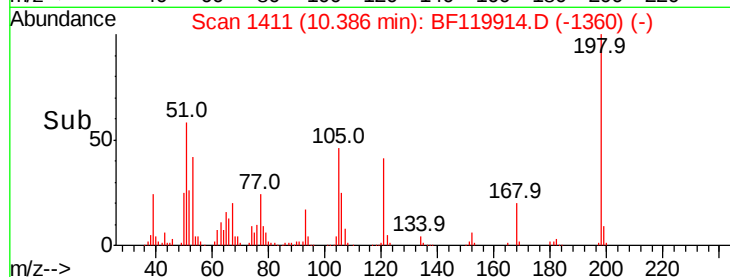
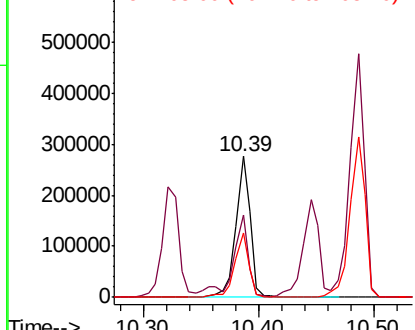
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.511 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:198 Resp: 238654
 Ion Ratio Lower Upper
 198 100
 51 58.2 25.2 65.2
 105 45.9 20.8 60.8

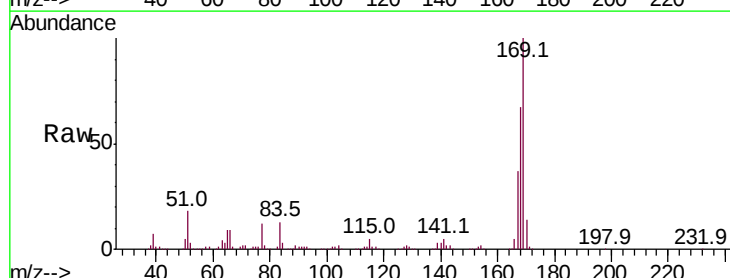


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

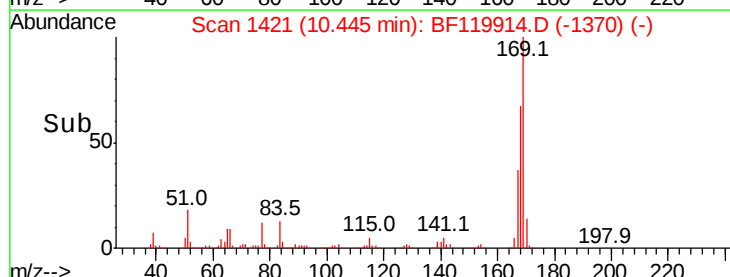
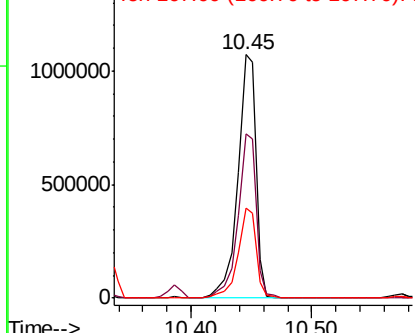


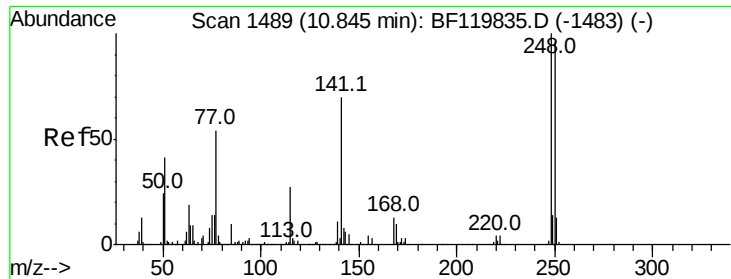
#66
 n-Nitrosodiphenylamine
 Concen: 37.860 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:169 Resp: 1125905
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.2 81.4
 167 36.9 28.3 42.5



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

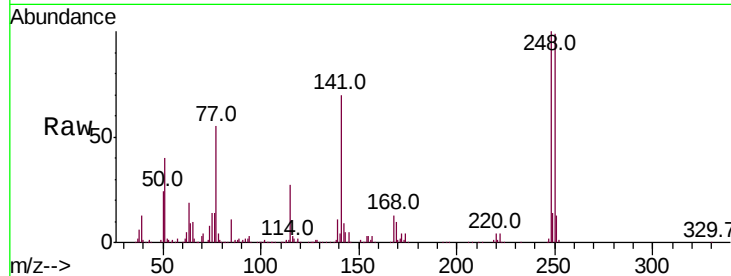




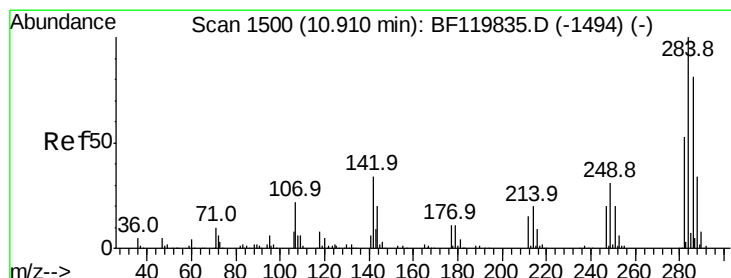
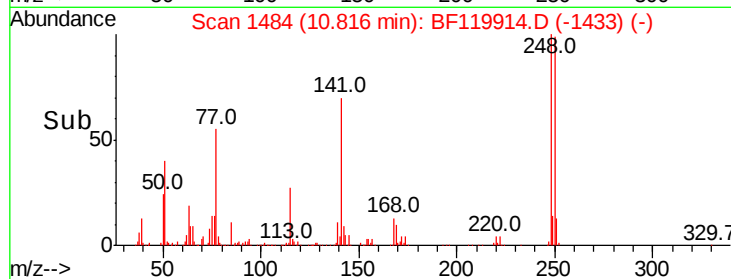
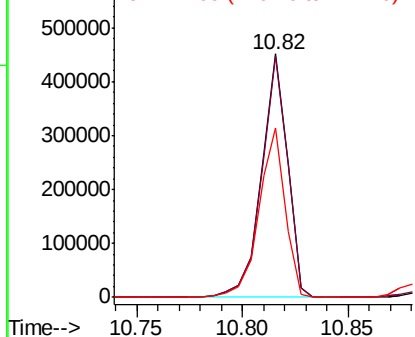
#67
4-Bromophenyl-phenylether
Concen: 34.800 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128139BS

Tot Ion:248 Resp: 386989
Ion Ratio Lower Upper
248 100
250 98.9 76.6 114.8
141 69.8 55.9 83.9

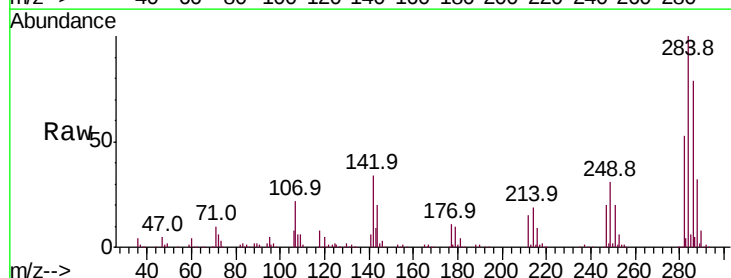


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

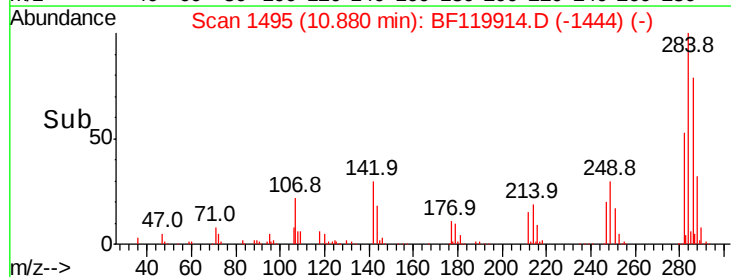
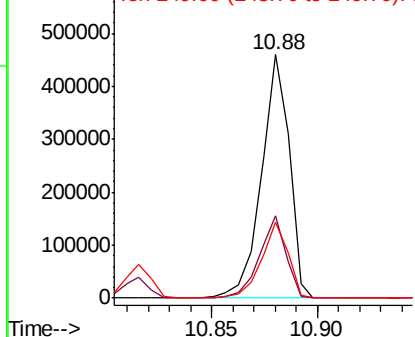


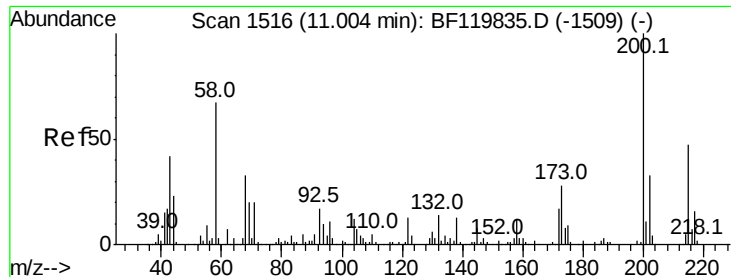
#68
Hexachlorobenzene
Concen: 37.385 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:284 Resp: 421740
Ion Ratio Lower Upper
284 100
142 33.7 26.9 40.3
249 31.2 24.6 37.0



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

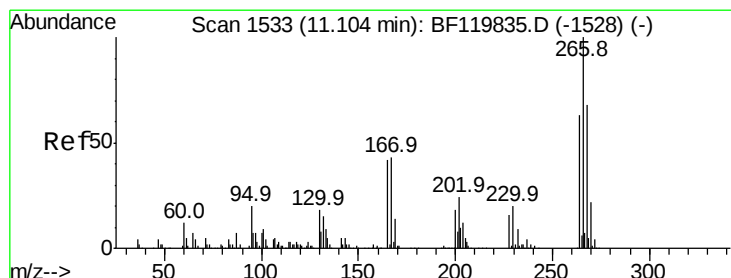
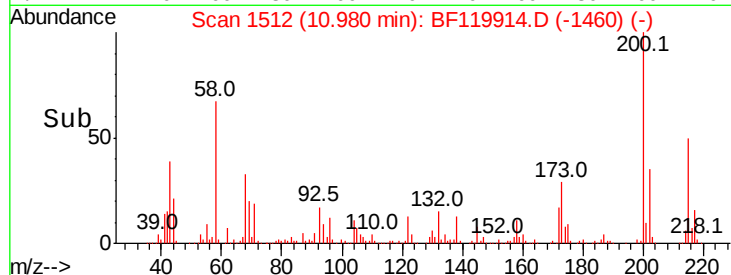
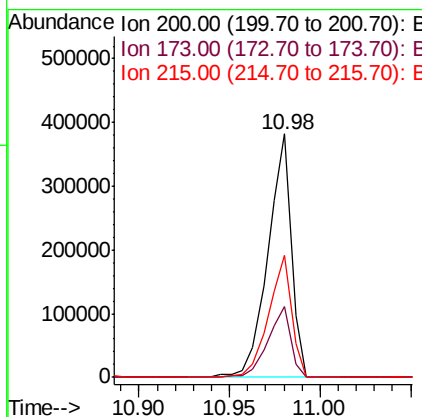
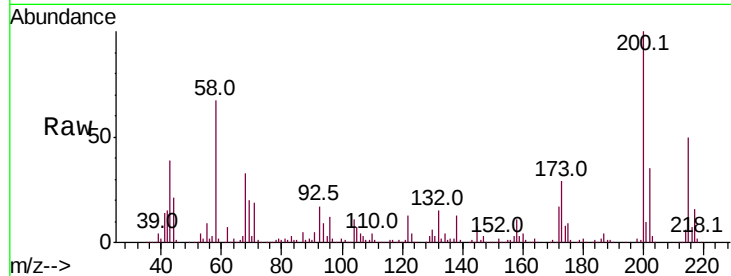




#69
Atrazine
Concen: 41.321 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

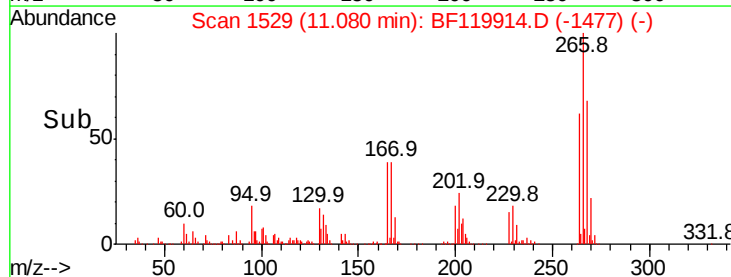
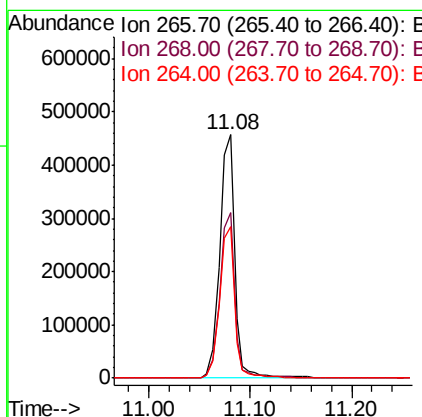
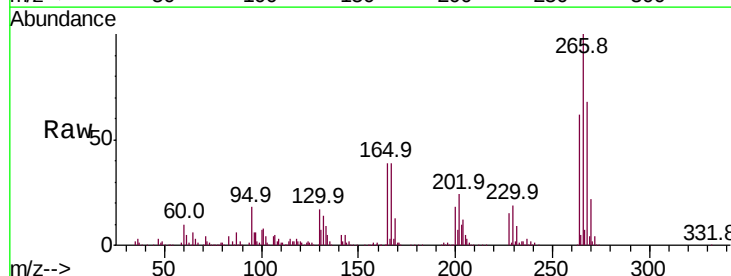
Instrument :
BNA_F
ClientSampleId :
PB128139BS

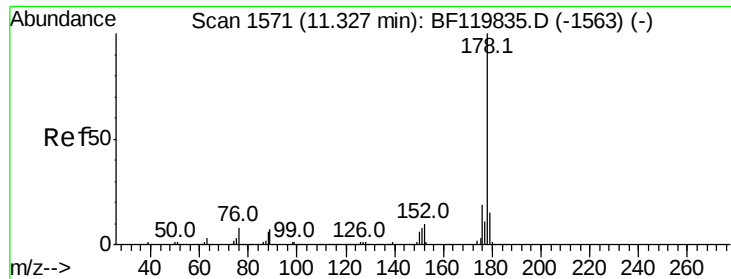
Tot Ion:200 Resp: 341899
Ion Ratio Lower Upper
200 100
173 29.2 8.0 48.0
215 49.9 27.1 67.1



#70
Pentachlorophenol
Concen: 72.860 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:266 Resp: 473661
Ion Ratio Lower Upper
266 100
268 68.0 54.2 81.4
264 62.4 50.6 76.0

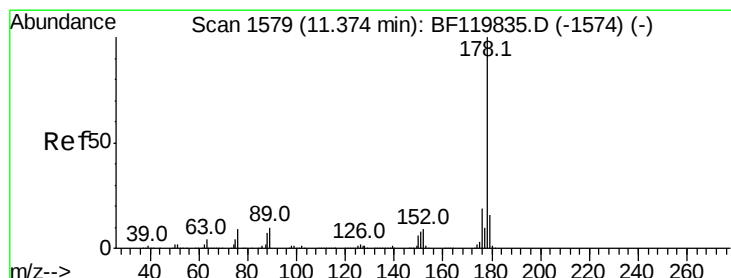
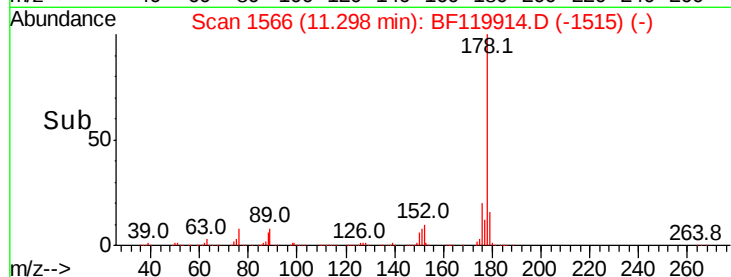
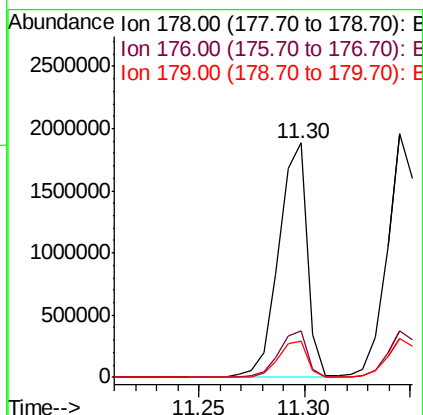
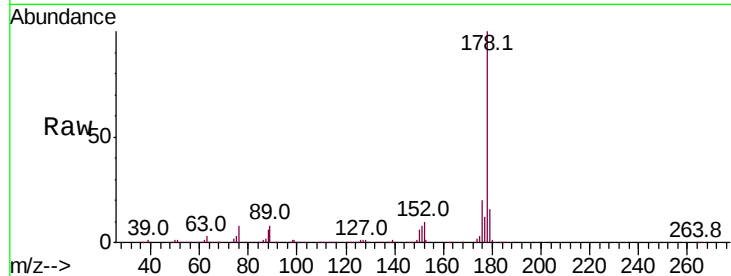




#71
Phenanthrene
Concen: 37.407 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

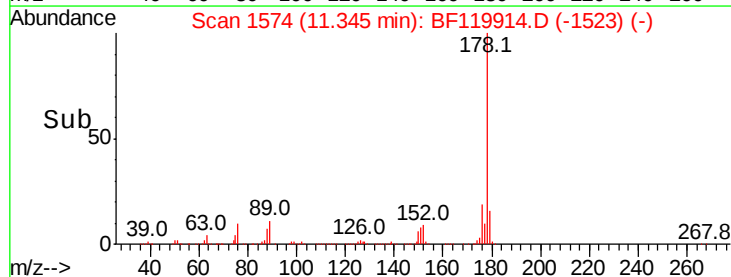
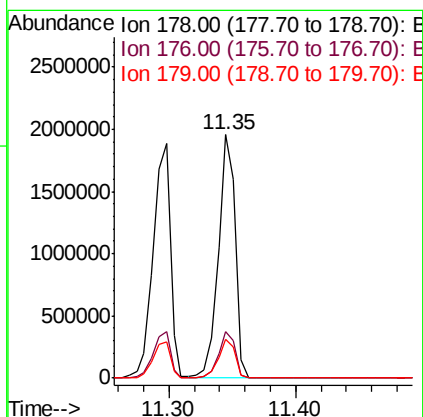
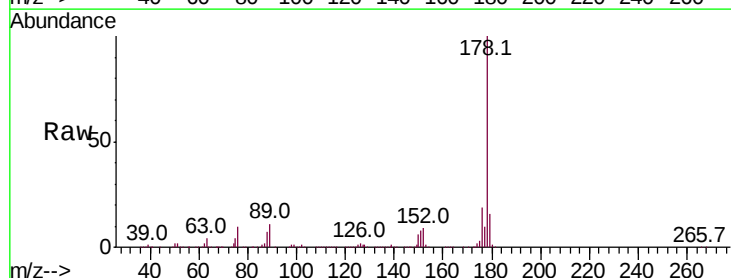
Instrument :
BNA_F
ClientSampleId :
PB128139BS

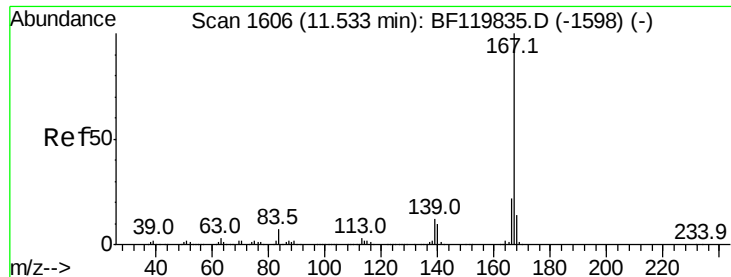
Tot Ion:178 Resp: 1780201
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.6 12.2 18.4



#72
Anthracene
Concen: 37.639 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:178 Resp: 1829869
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.8 19.2

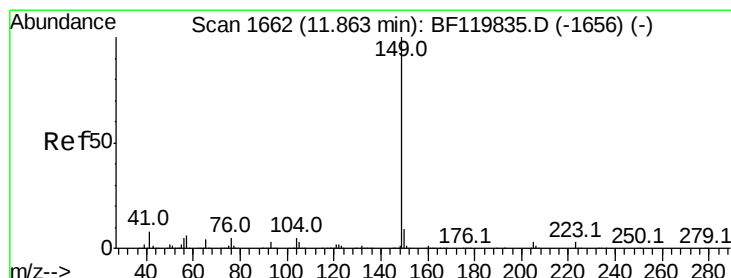
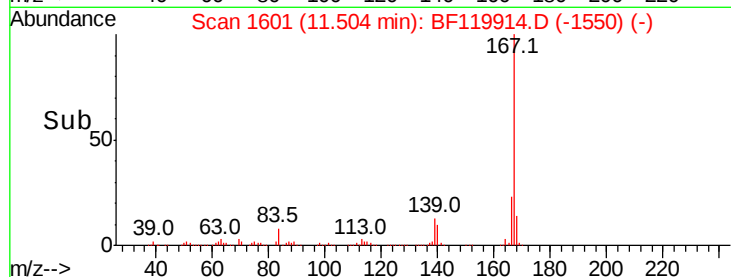
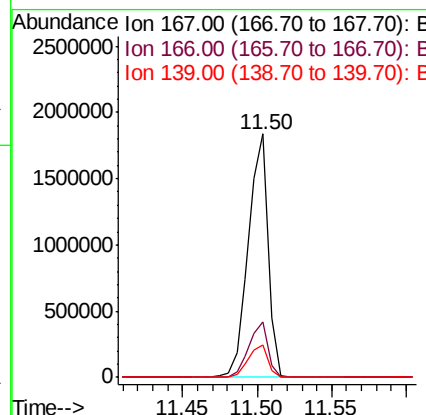
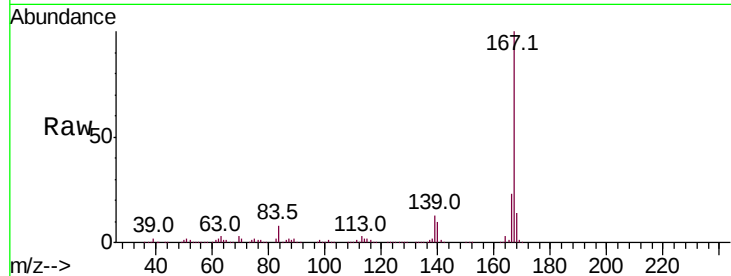




#73
 Carbazole
 Concen: 36.680 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

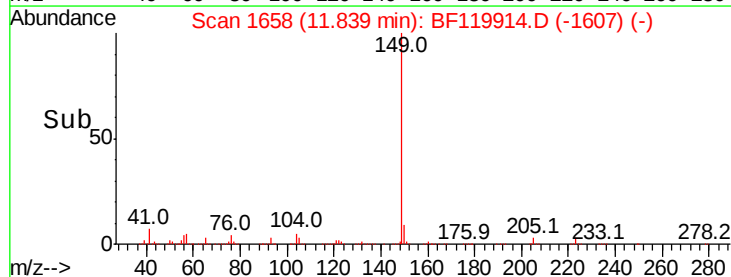
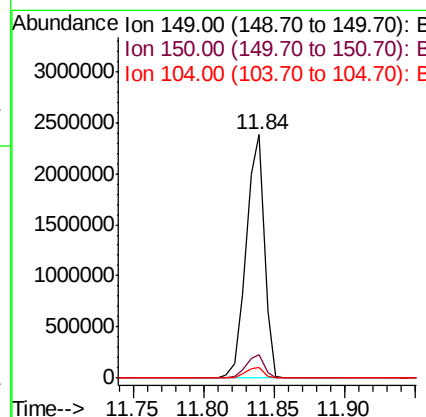
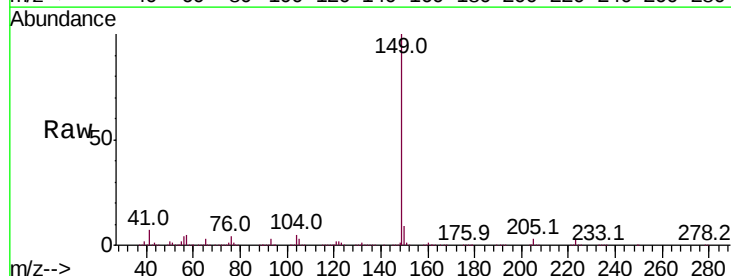
Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

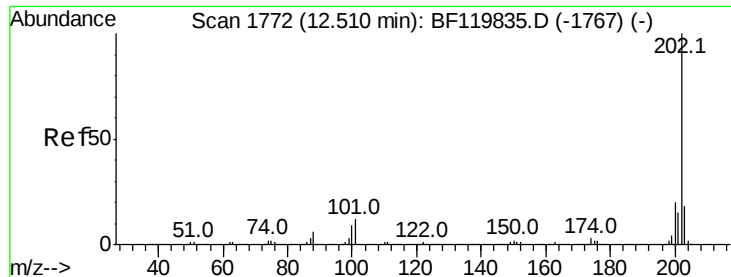
Tot Ion:167 Resp: 1686363
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 13.2 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 35.326 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:149 Resp: 2135030
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.5 3.8 5.6

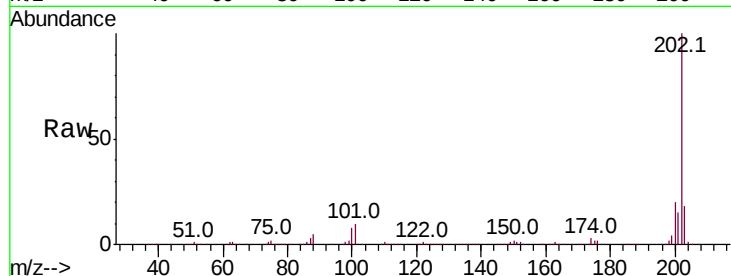




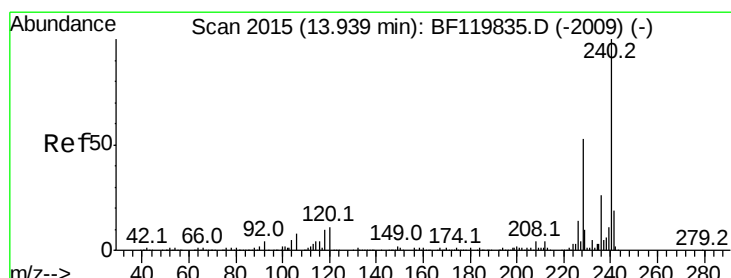
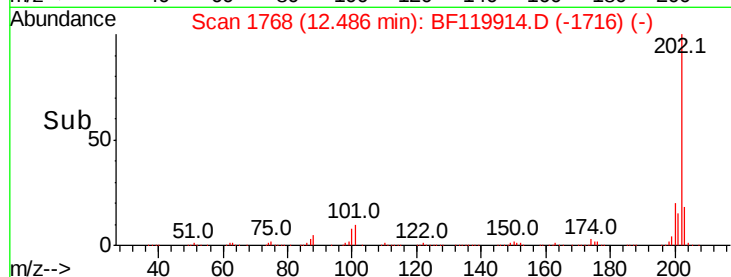
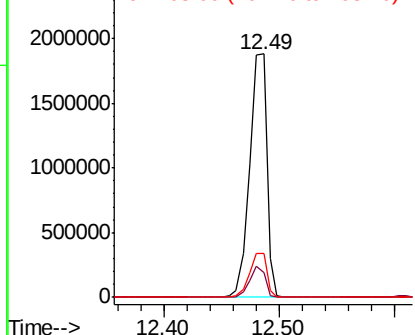
#75
 Fluoranthene
 Concen: 37.930 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BS

Tot Ion:202 Resp: 1947644
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 32.3
 203 18.1 0.0 37.6

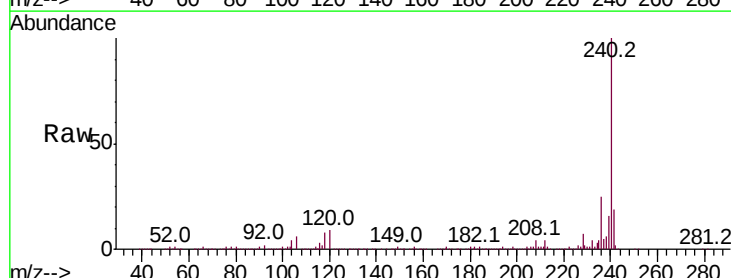


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

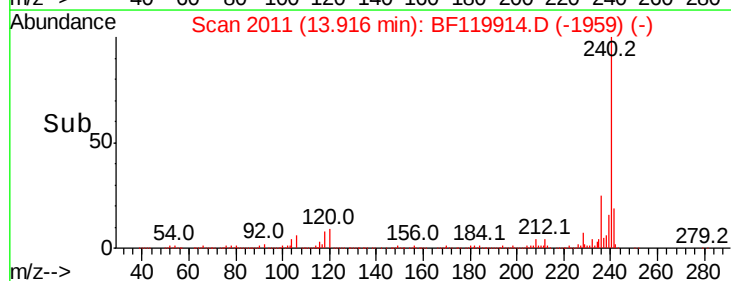
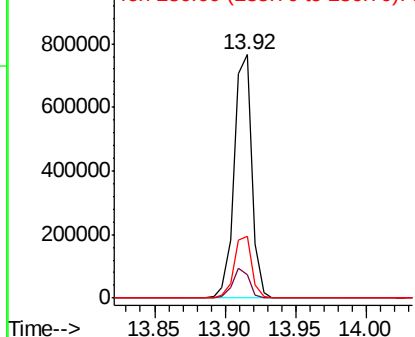


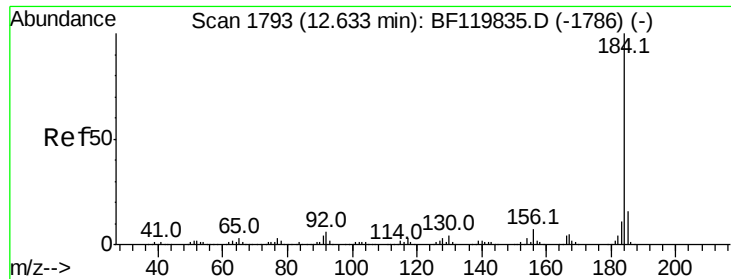
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119914.D
 Acq: 13 Apr 2020 14:16

Tgt Ion:240 Resp: 665672
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.0 13.6
 236 25.2 20.7 31.1



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





#77

Benzidine

Concen: 57.966 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

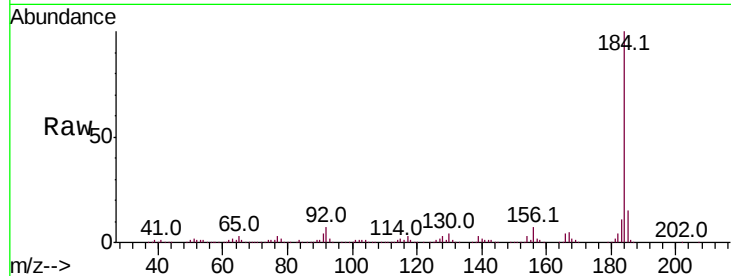
Tot Ion:184 Resp: 1304334

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

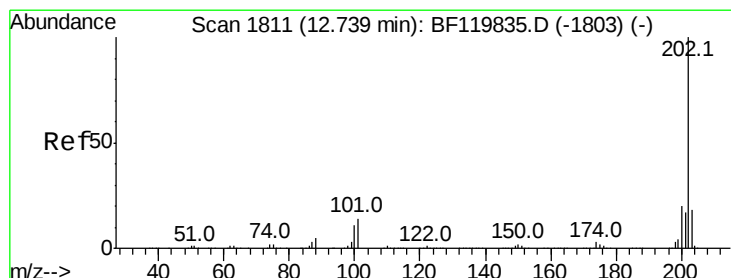
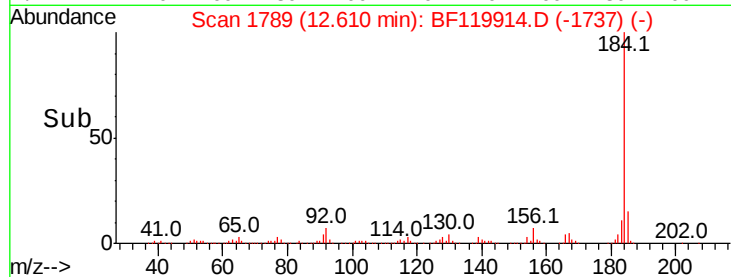
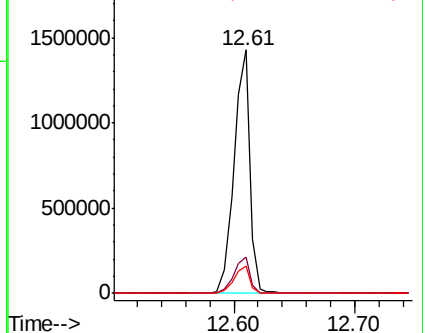
183 11.1 9.1 13.7



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: 35.667 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

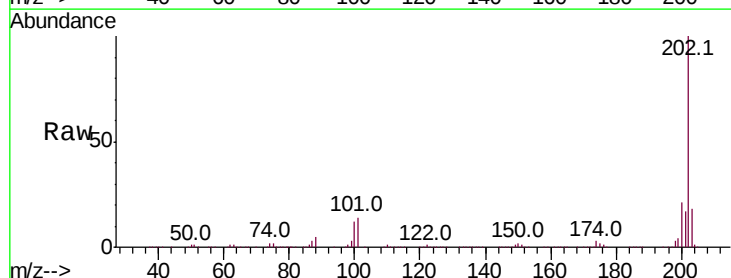
Tgt Ion:202 Resp: 2001527

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

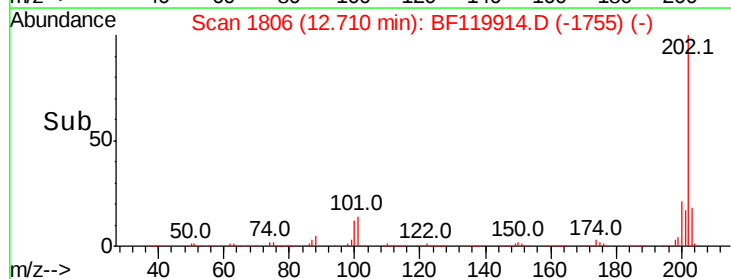
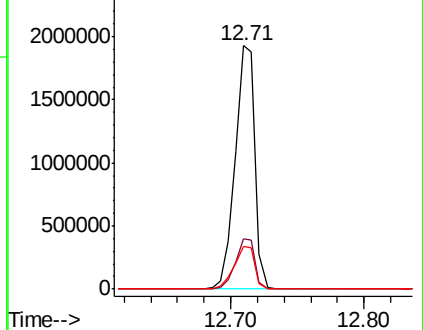
203 17.8 14.1 21.1

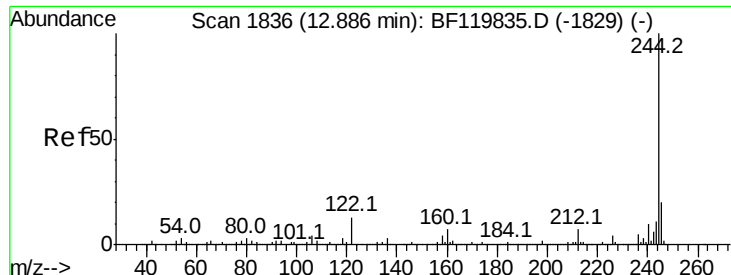


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.970 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

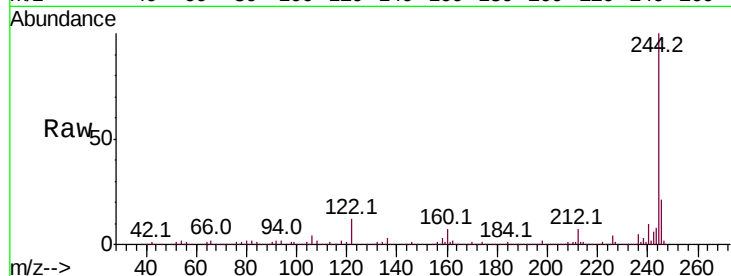
Tot Ion:244 Resp: 2688934

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

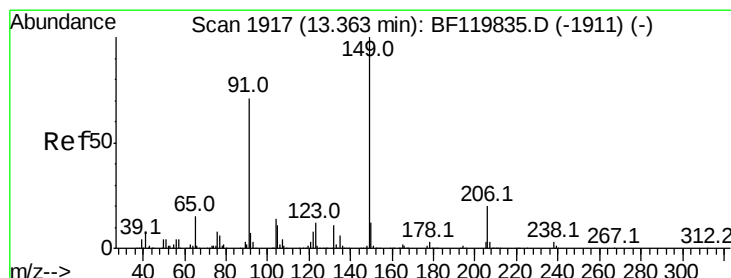
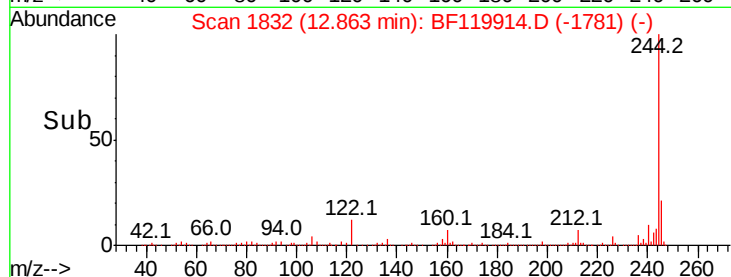
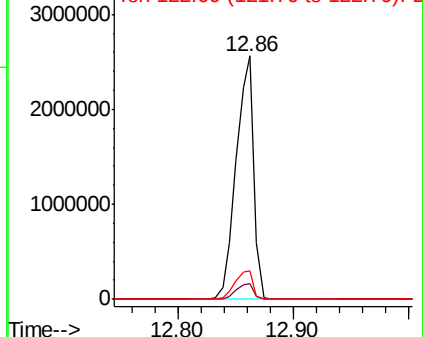
122 11.5 10.3 15.5



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: 33.835 ng

RT: 13.34 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

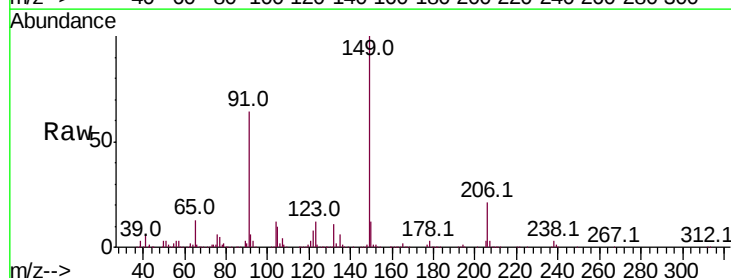
Tgt Ion:149 Resp: 921345

Ion Ratio Lower Upper

149 100

91 64.4 56.7 85.1

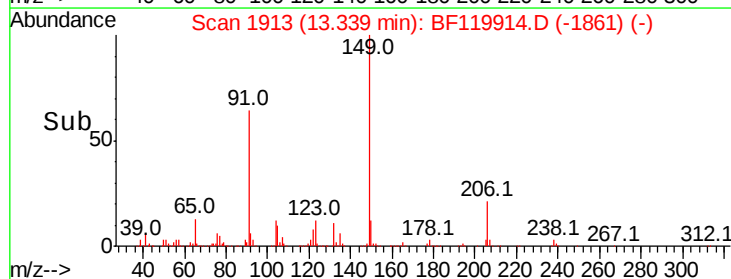
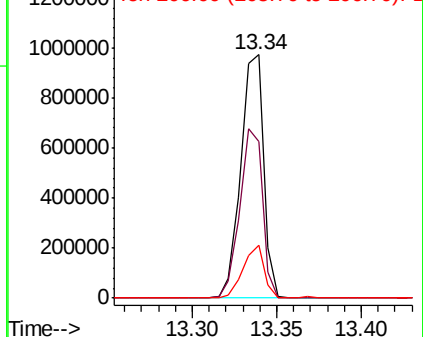
206 21.5 15.7 23.5



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: 36.673 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

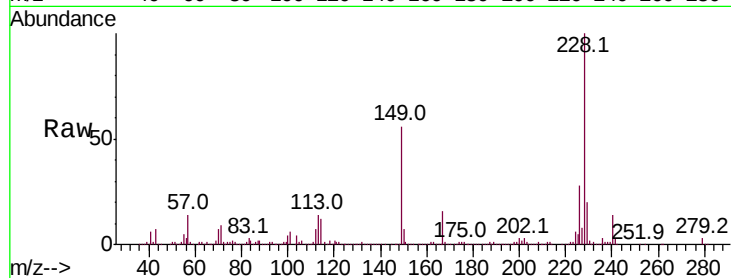
BNA_F

ClientSampleId :

PB128139BS

Tot Ion:228 Resp: 1605997

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.2	15.9	23.9

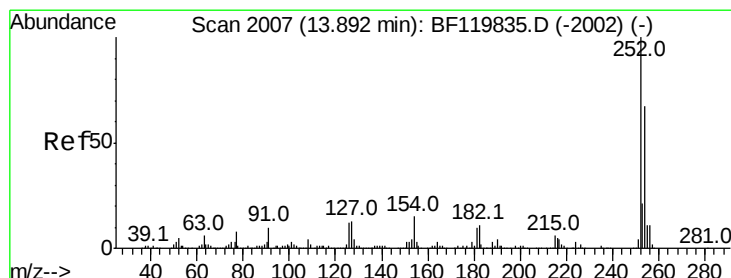
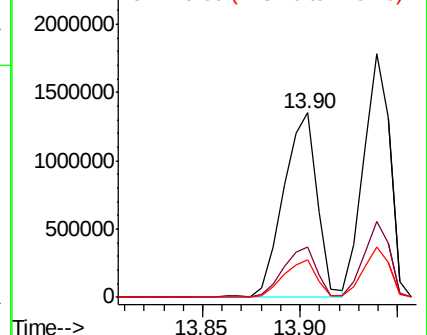
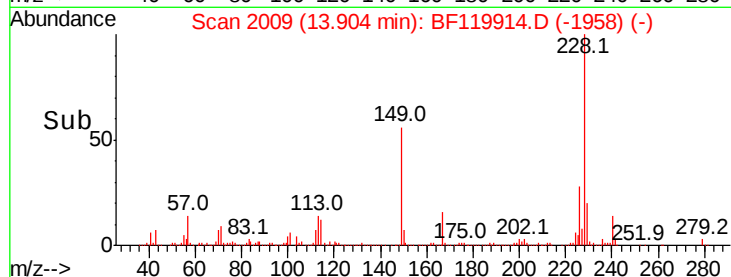


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.839 ng

RT: 13.87 min Scan# 2003

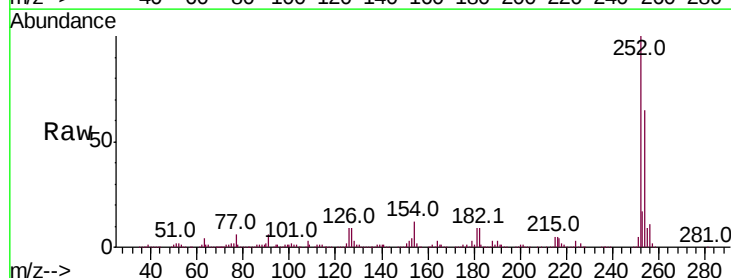
Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Tgt Ion:252 Resp: 454890

Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.9	80.9
126	9.2	9.7	14.5#

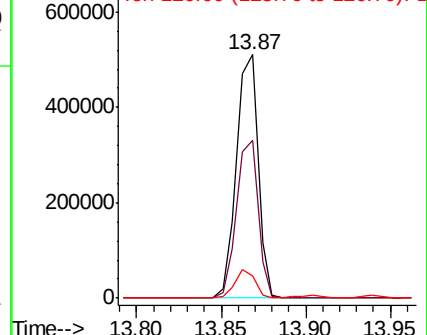
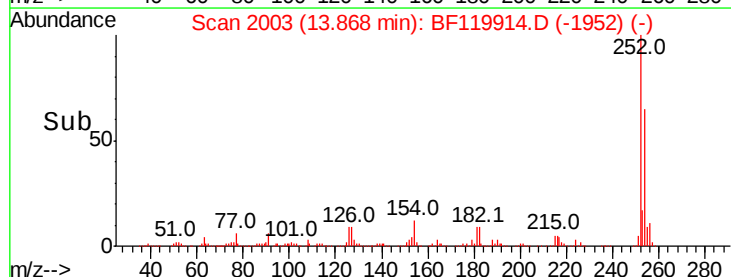


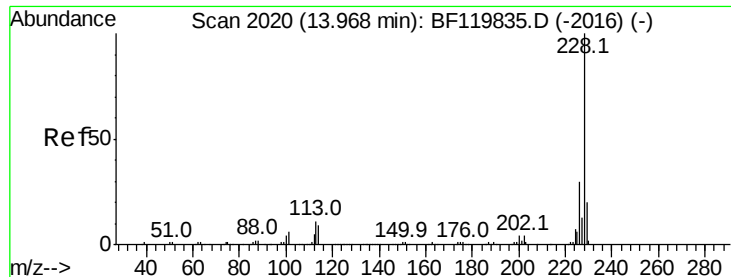
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.417 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

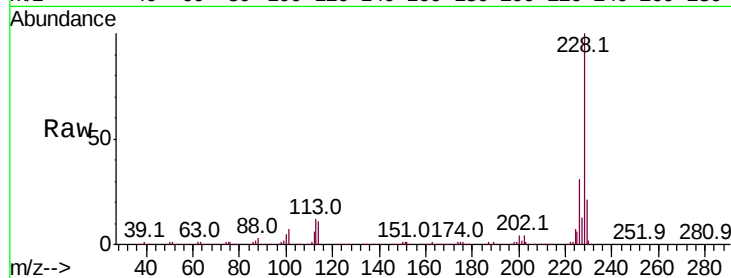
BNA_F

ClientSampleId :

PB128139BS

Tot Ion:228 Resp: 1664926

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.9	15.9	23.9

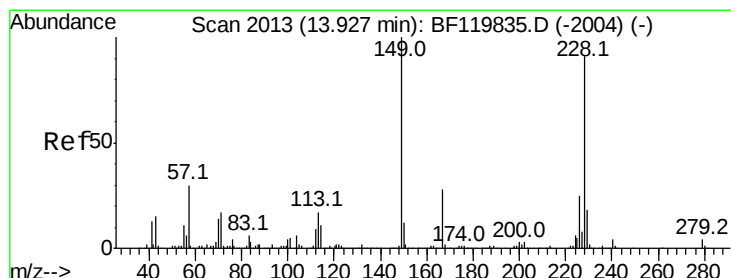
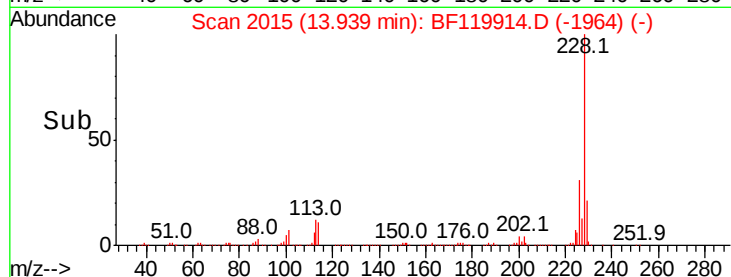
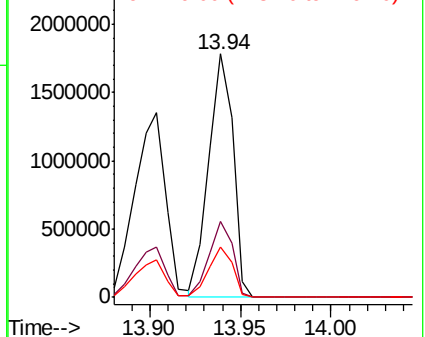


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.233 ng

RT: 13.90 min Scan# 2008

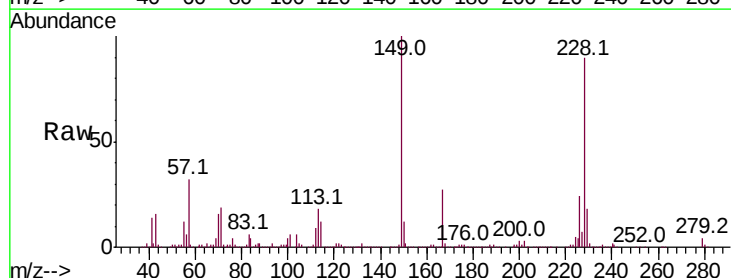
Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Tgt Ion:149 Resp: 1188576

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.6	3.4	5.0

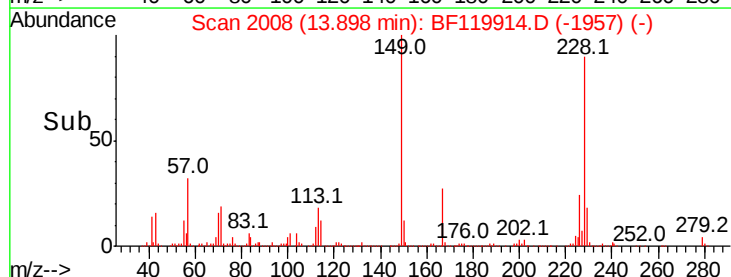
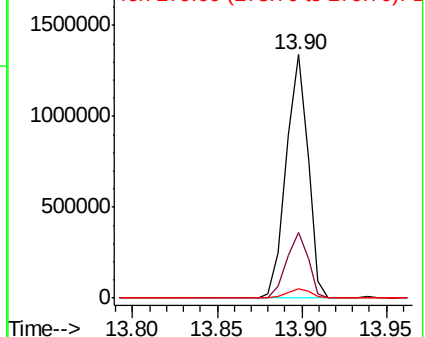


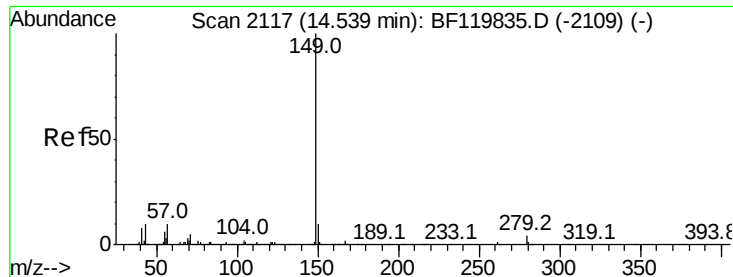
Abundance

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: 34.643 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

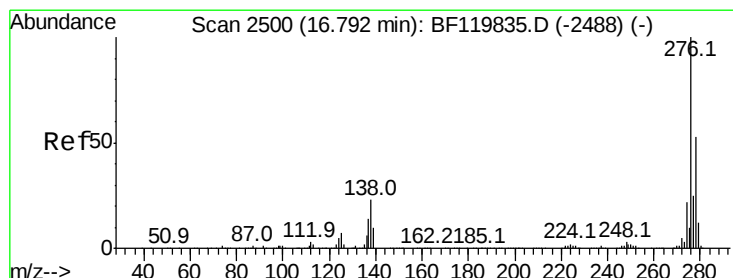
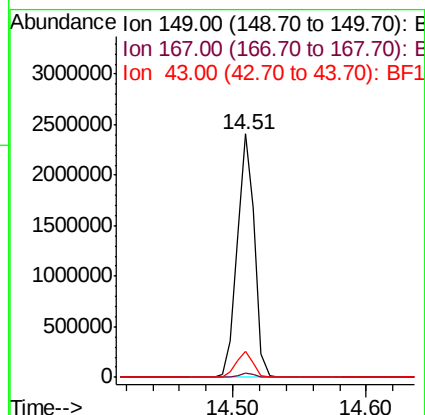
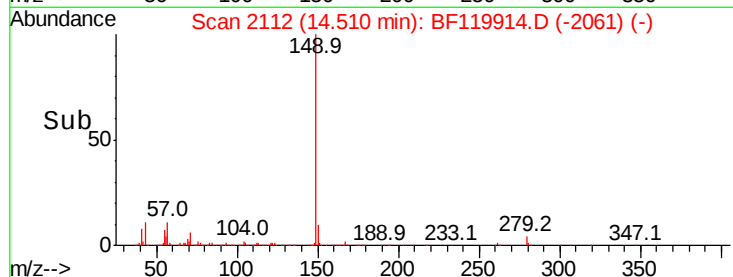
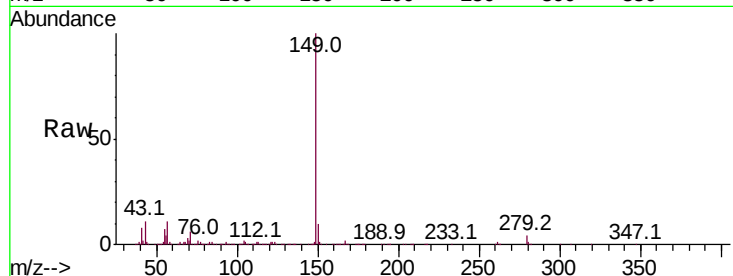
Tot Ion:149 Resp: 2175107

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.2 13.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.550 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

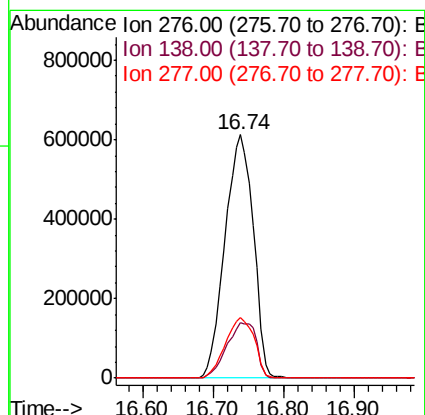
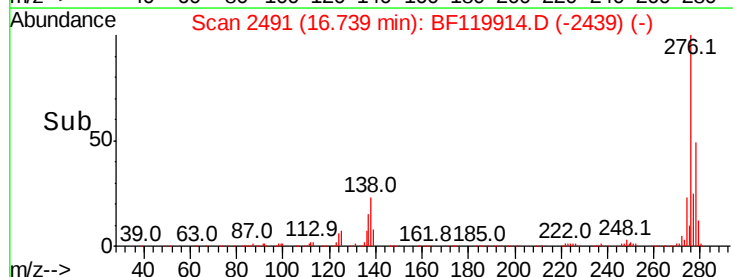
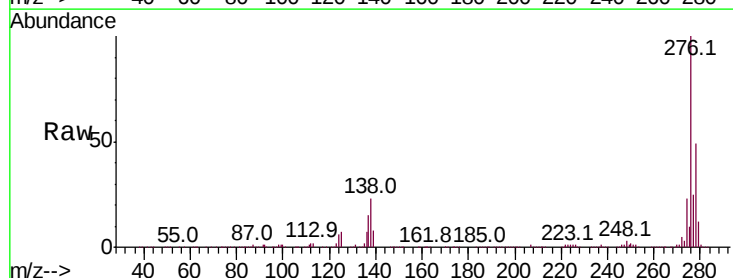
Tgt Ion:276 Resp: 1708163

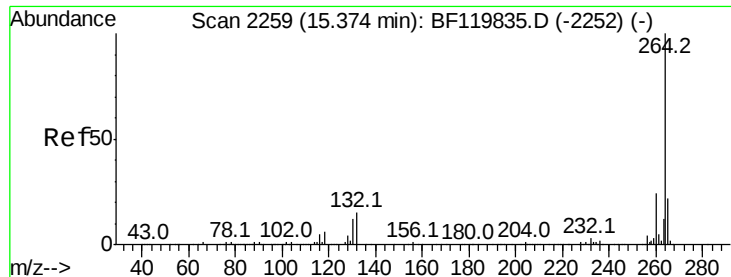
Ion Ratio Lower Upper

276 100

138 23.9 18.0 27.0

277 25.4 20.1 30.1

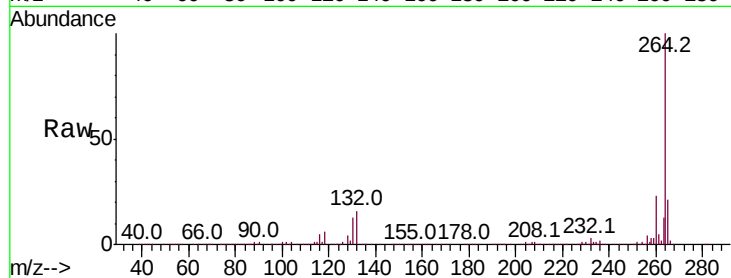




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

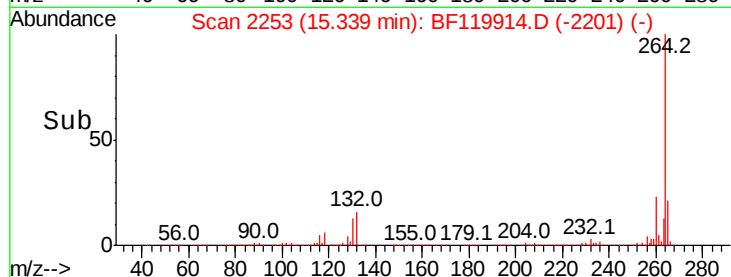
Instrument :
BNA_F
ClientSampleId :
PB128139BS

Tot Ion:264 Resp: 708624
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.3 17.6 26.4

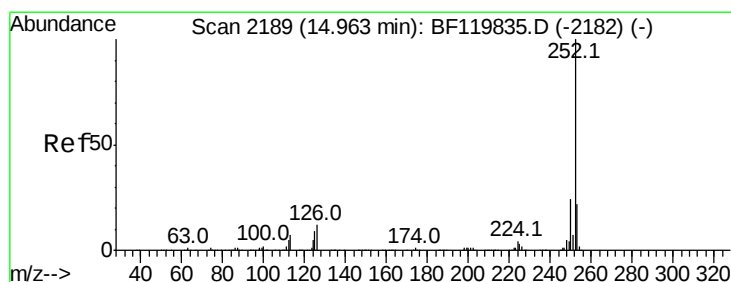


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

15.34

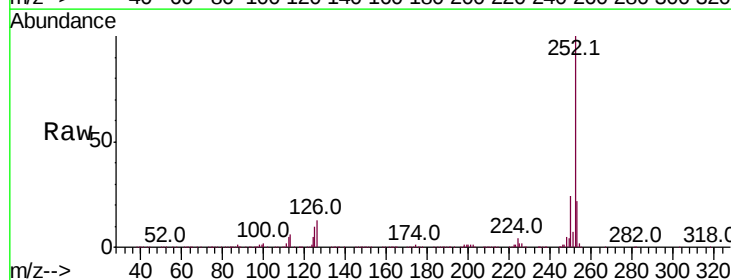


Time-->



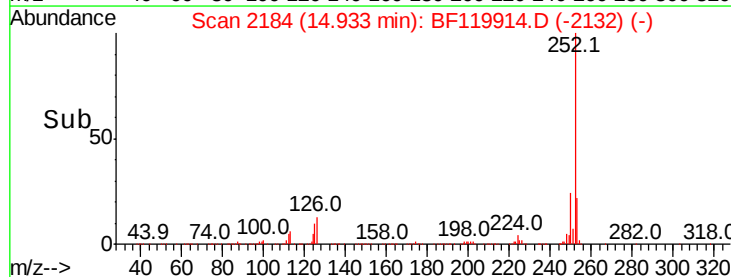
#88
Benzo(b)fluoranthene
Concen: 36.019 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:252 Resp: 1836110
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.7 7.4 11.2



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

14.93



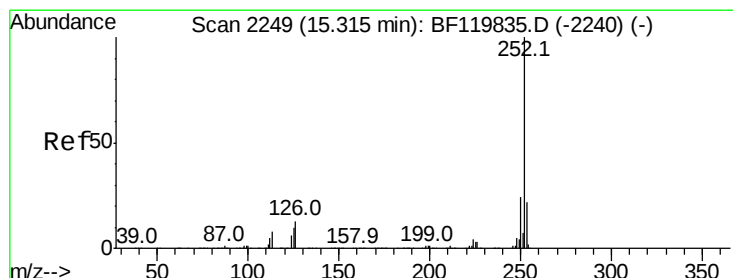
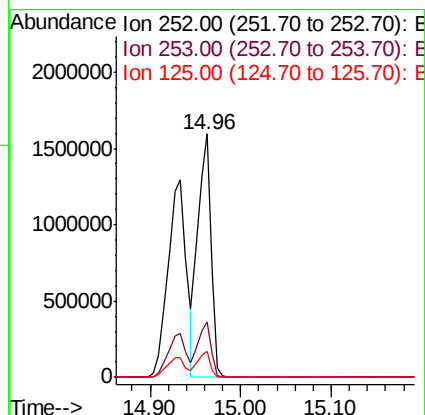
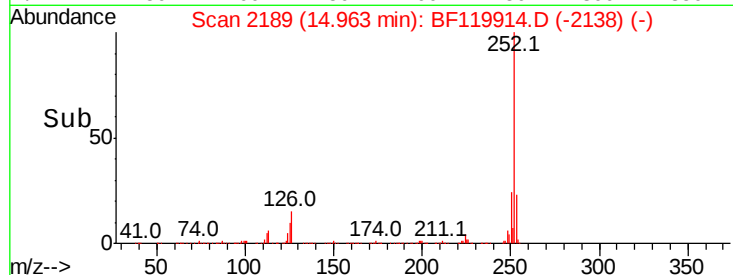
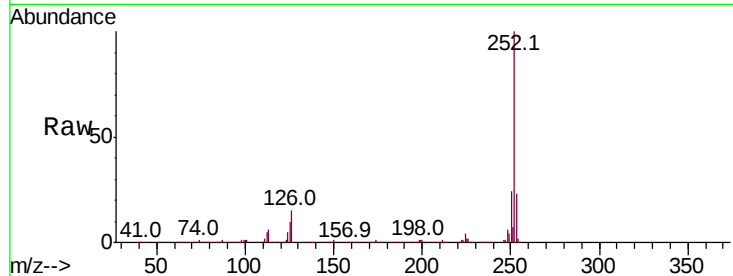
Time-->



#89
Benzo(k)fluoranthene
Concen: 36.269 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

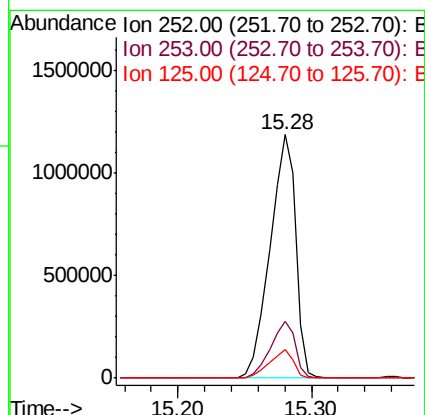
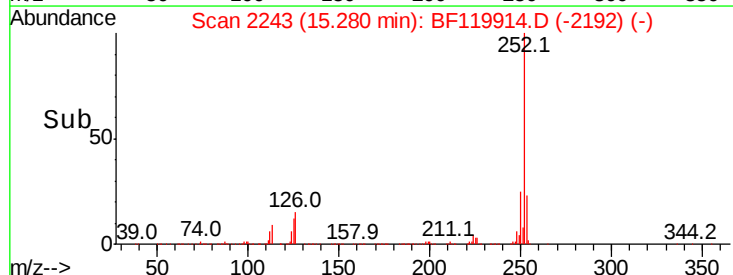
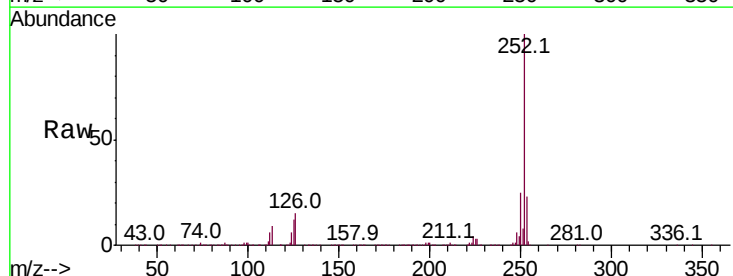
Instrument :
BNA_F
ClientSampleId :
PB128139BS

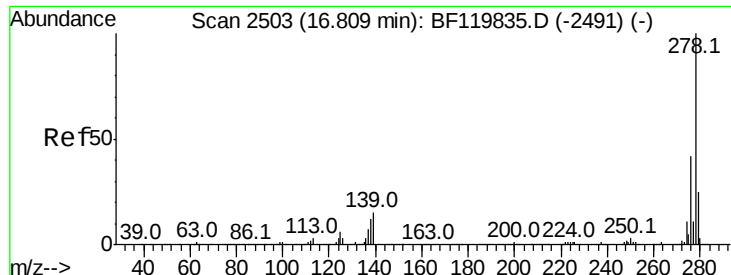
Tot Ion:252 Resp: 1595262
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 36.992 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119914.D
Acq: 13 Apr 2020 14:16

Tgt Ion:252 Resp: 1585519
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 37.476 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128139BS

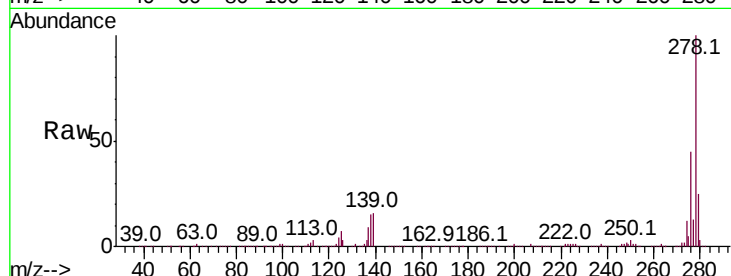
Tot Ion:278 Resp: 1422809

Ion Ratio Lower Upper

278 100

139 16.2 11.6 17.4

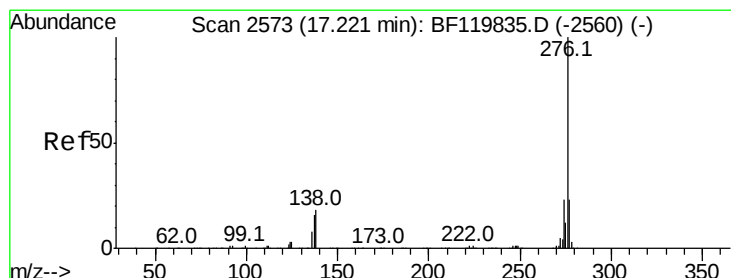
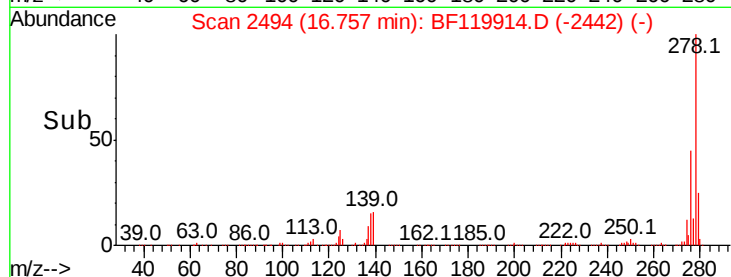
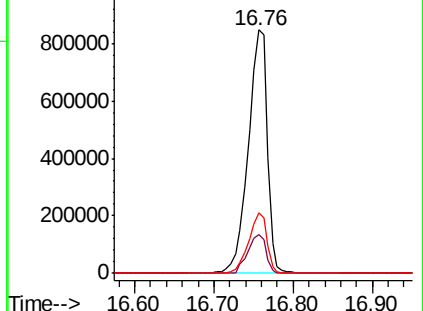
279 24.7 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.645 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF119914.D

Acq: 13 Apr 2020 14:16

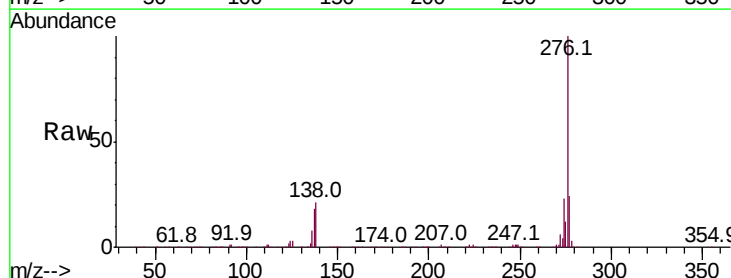
Tgt Ion:276 Resp: 1373323

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 20.6 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

