

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
 Data File : BF120101.D
 Acq On : 21 Apr 2020 14:45
 Operator : MA/SJ
 Sample : PB128243BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Quant Time: Apr 21 15:37:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	119708	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	456279	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	235555	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	463152	20.00	ng	0.00
76) Chrysene-d12	13.87	240	356871	20.00	ng	0.00
87) Perylene-d12	15.28	264	344430	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1016760	146.79	ng	0.02
7) Phenol-d6	6.34	99	1284003	143.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	789403	89.50	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	343251	119.02	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1517972	91.49	ng	0.00
79) Terphenyl-d14	12.82	244	1676631	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	137404	44.536	ng	96
3) Pyridine	3.07	79	371398	43.876	ng	95
4) n-Nitrosodimethylamine	3.03	42	216702	50.106	ng	96
6) Aniline	6.36	93	367739	31.391	ng	# 34
8) 2-Chlorophenol	6.48	128	408409	52.769	ng	100
9) Benzaldehyde	6.24	77	170323	32.946	ng	98
10) Phenol	6.35	94	515487	50.907	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	382277	48.894	ng	99
12) 1,3-Dichlorobenzene	6.63	146	416083	49.106	ng	99
13) 1,4-Dichlorobenzene	6.71	146	420929	48.768	ng	98
14) 1,2-Dichlorobenzene	6.86	146	391033	49.159	ng	98
15) Benzyl Alcohol	6.85	79	335969	48.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664747	43.693	ng	97
17) 2-Methylphenol	6.96	107	324083	46.922	ng	97
18) Hexachloroethane	7.20	117	156234	48.434	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	274648	47.852	ng	99
20) 3+4-Methylphenols	7.12	107	414082	49.019	ng	# 88
22) Acetophenone	7.11	105	539834	50.524	ng	98
24) Nitrobenzene	7.28	77	427041	48.132	ng	99
25) Isophorone	7.52	82	762660	44.857	ng	99
26) 2-Nitrophenol	7.60	139	220070	49.648	ng	97
27) 2,4-Dimethylphenol	7.65	122	333110	49.828	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	475608	47.539	ng	100
29) 2,4-Dichlorophenol	7.85	162	333097	48.609	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	359686	46.325	ng	98
31) Naphthalene	8.00	128	1155464	48.132	ng	99
32) Benzoic acid	7.78	122	255974	43.597	ng	97
33) 4-Chloroaniline	8.05	127	179512	17.177	ng	99
34) Hexachlorobutadiene	8.12	225	205990	44.319	ng	98
35) Caprolactam	8.39	113	4244	2.025	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	364132	49.081	ng	99
37) 2-Methylnaphthalene	8.70	142	771317	47.391	ng	98
38) 1-Methylnaphthalene	8.80	142	730159	47.597	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	339975	45.697	ng	99

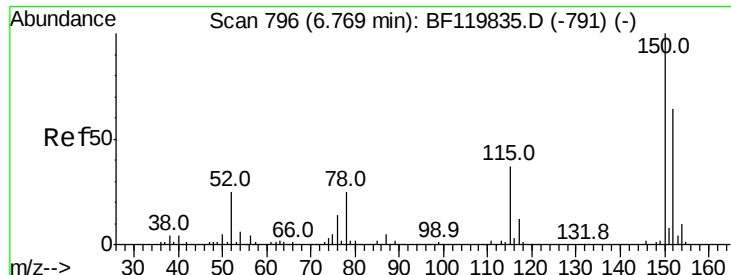
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
 Data File : BF120101.D
 Acq On : 21 Apr 2020 14:45
 Operator : MA/SJ
 Sample : PB128243BSD
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	350595	82.872	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	237145	46.159	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	252976	43.719	nq	98
46) 1,1'-Biphenyl	9.16	154	939938	47.275	nq	98
47) 2-Chloronaphthalene	9.19	162	726398	47.427	nq	98
48) 2-Nitroaniline	9.29	65	261990	47.202	nq	97
49) Acenaphthylene	9.60	152	1150507	49.393	nq	99
50) Dimethylphthalate	9.47	163	838035	45.996	nq	100
51) 2,6-Dinitrotoluene	9.53	165	189355	47.459	nq #	85
52) Acenaphthene	9.77	154	689535	44.377	nq	100
53) 3-Nitroaniline	9.70	138	107771	23.651	nq	97
54) 2,4-Dinitrophenol	9.81	184	214568	89.826	nq #	88
55) Dibenzofuran	9.95	168	1041454	48.844	nq	99
56) 4-Nitrophenol	9.87	139	323114	95.301	nq	94
57) 2,4-Dinitrotoluene	9.94	165	253986	48.317	nq	93
58) Fluorene	10.29	166	810204	47.513	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208623	47.141	nq	100
60) Diethylphthalate	10.17	149	848015	44.907	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	382715	43.789	nq	95
62) 4-Nitroaniline	10.32	138	205654	47.357	nq	99
63) Azobenzene	10.45	77	805052	47.571	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	148459	48.655	nq	78
66) n-Nitrosodiphenylamine	10.40	169	732961	47.585	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	232013	40.282	nq	96
68) Hexachlorobenzene	10.84	284	252773	43.260	nq	100
69) Atrazine	10.94	200	216658	50.555	nq	97
70) Pentachlorophenol	11.03	266	256870	76.285	nq	98
71) Phenanthrene	11.25	178	1167478	47.363	nq	99
72) Anthracene	11.30	178	1203450	47.792	nq	100
73) Carbazole	11.46	167	1140405	47.890	nq	99
74) Di-n-butylphthalate	11.80	149	1332755	42.574	nq	99
75) Fluoranthene	12.44	202	1306144	49.110	nq	99
77) Benzidine	12.56	184	501185	41.546	nq	97
78) Pyrene	12.67	202	1313403	43.657	nq	100
80) Butylbenzylphthalate	13.29	149	560854	38.419	nq	99
81) Benzo(a)anthracene	13.86	228	1099501	46.833	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	232061	26.491	nq	98
83) Chrysene	13.90	228	1116564	46.806	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	720429	36.442	nq	98
85) Di-n-octyl phthalate	14.47	149	1313911	39.035	nq	98
86) Indeno(1,2,3-cd)pyrene	16.66	276	986698	46.923	nq	98
88) Benzo(b)fluoranthene	14.88	252	1153957	46.573	nq	99
89) Benzo(k)fluoranthene	14.92	252	971313	45.434	nq	99
90) Benzo(a)pyrene	15.23	252	964367	46.291	nq	99
91) Dibenzo(a,h)anthracene	16.68	278	811543	43.978	nq	98
92) Benzo(g,h,i)perylene	17.08	276	781891	42.924	nq	98

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

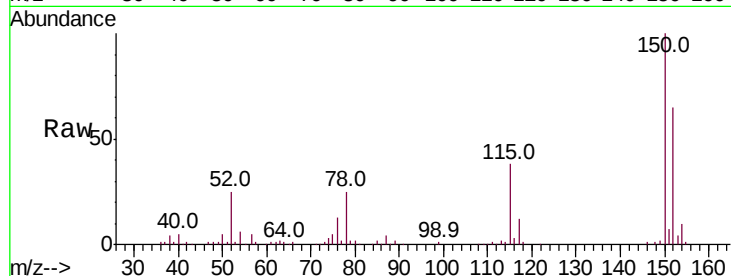


#1

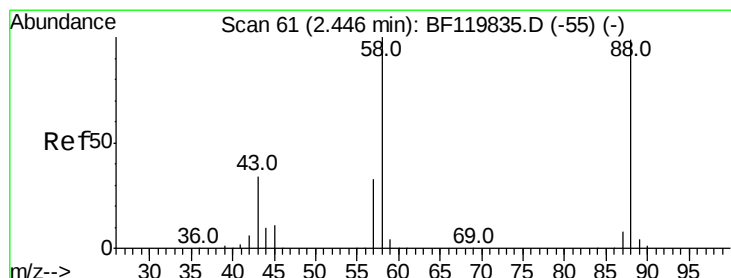
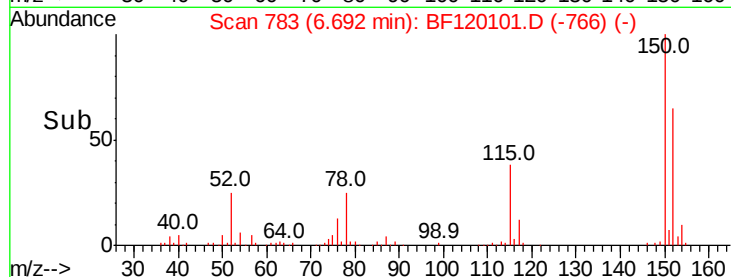
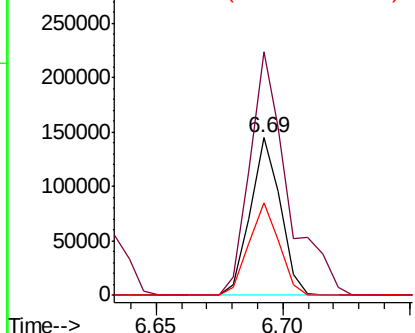
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:152 Resp: 119708
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 58.6 46.5 69.7



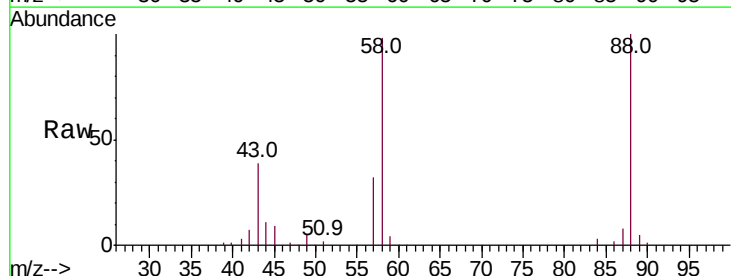
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



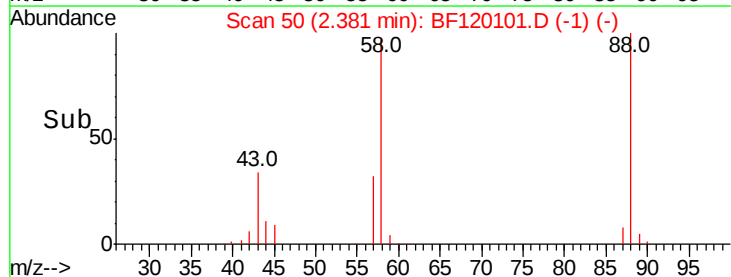
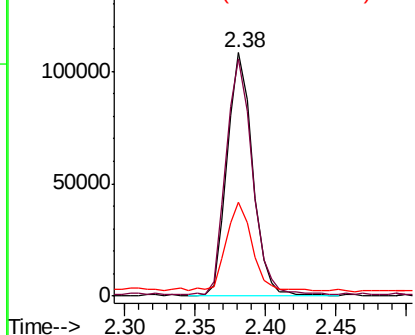
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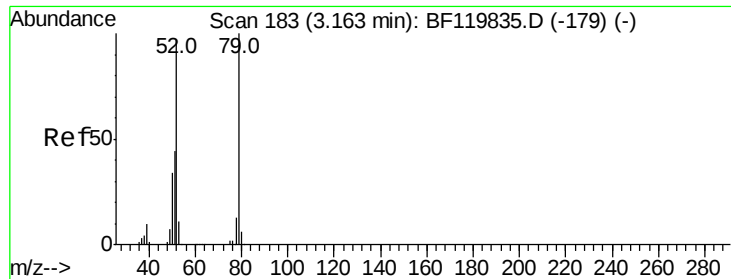
1,4-Dioxane
Concen: 44.536 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.08 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion: 88 Resp: 137404
Ion Ratio Lower Upper
88 100
58 98.9 82.6 123.8
43 36.8 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: 43.876 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

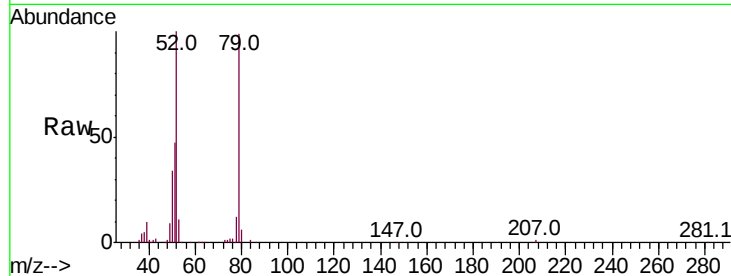
Tot Ion: 79 Resp: 371398

Ion Ratio Lower Upper

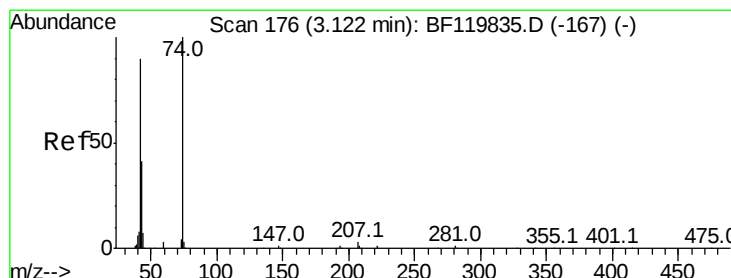
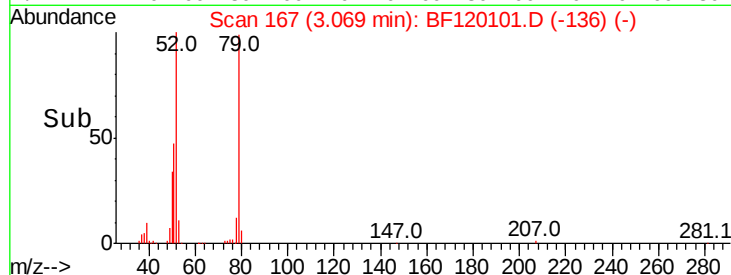
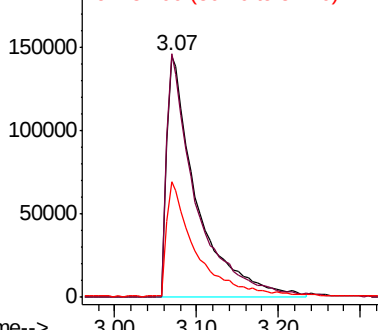
79 100

52 100.9 77.4 116.0

51 47.8 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 50.106 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.09 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

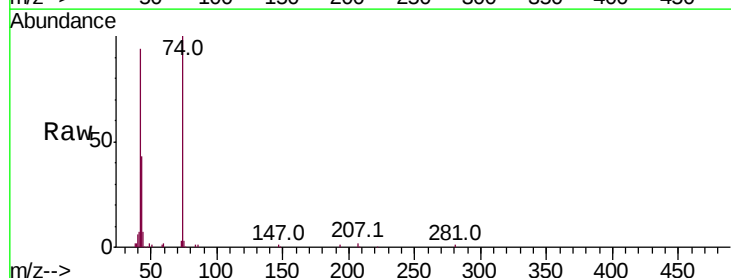
Tgt Ion: 42 Resp: 216702

Ion Ratio Lower Upper

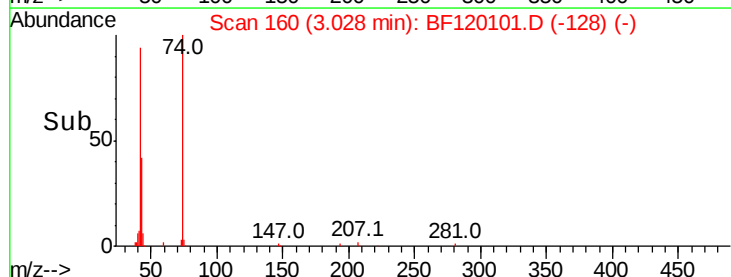
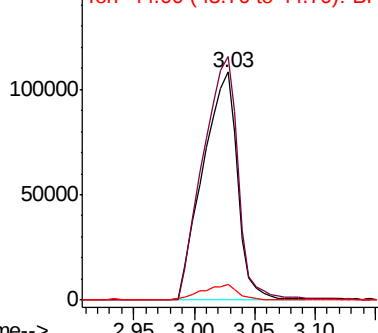
42 100

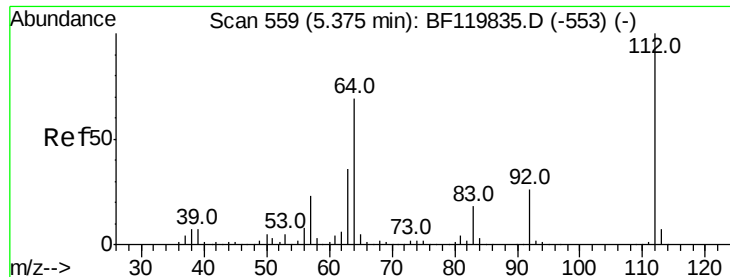
74 106.8 89.0 133.4

44 7.1 6.2 9.4



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





#5

2-Fluorophenol

Concen: 146.786 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

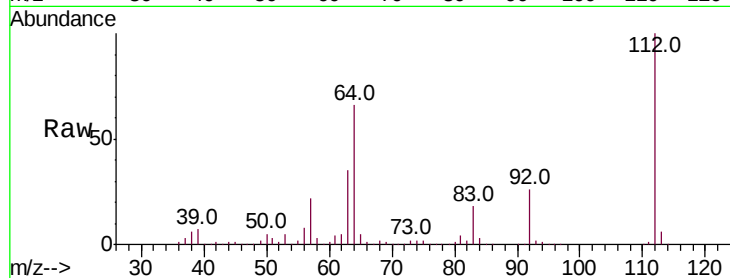
Tot Ion:112 Resp: 1016760

Ion Ratio Lower Upper

112 100

64 66.0 55.5 83.3

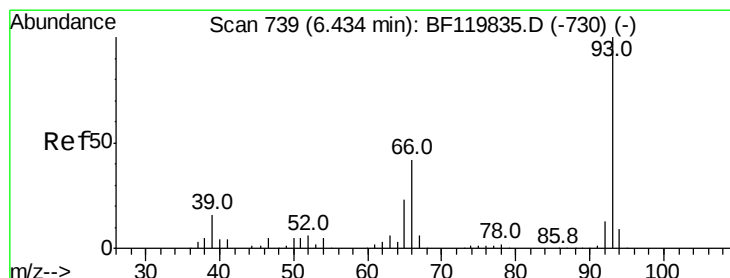
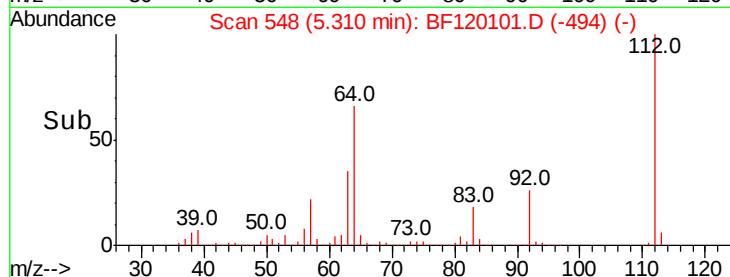
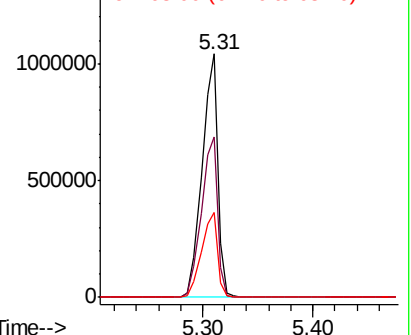
63 34.7 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.391 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

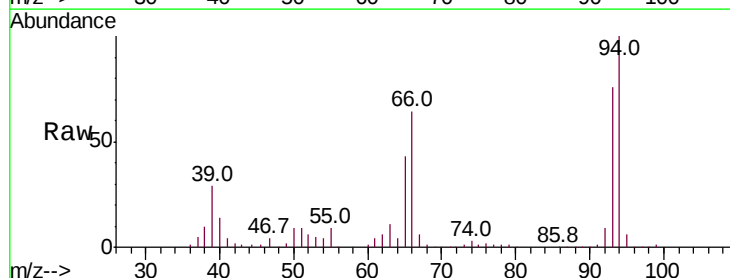
Tgt Ion: 93 Resp: 367739

Ion Ratio Lower Upper

93 100

66 83.7 34.2 51.2#

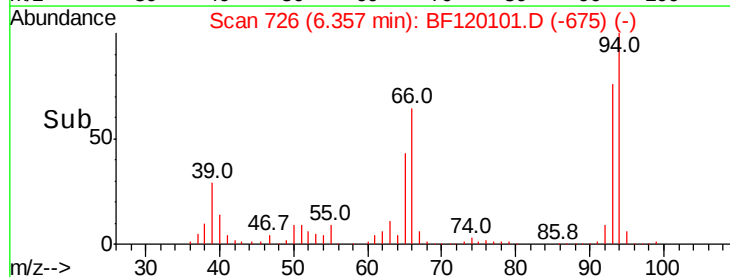
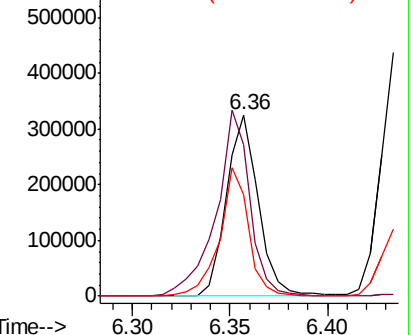
65 55.9 18.3 27.5#

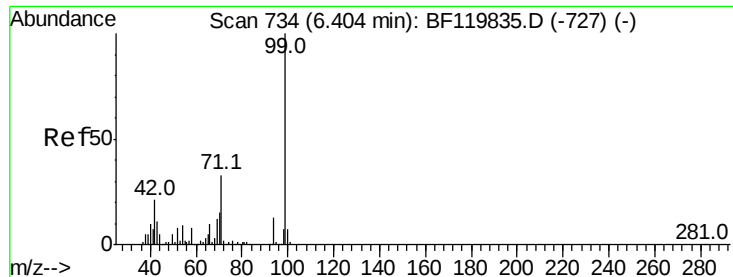


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.857 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

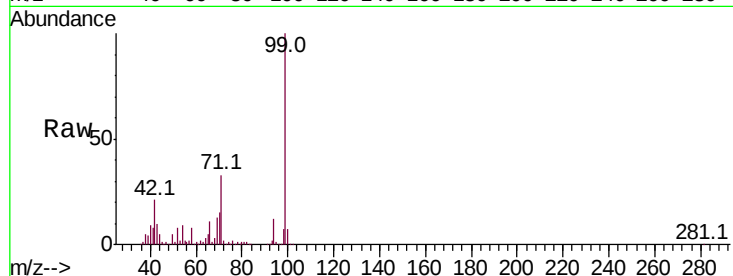
Tot Ion: 99 Resp: 1284003

Ion Ratio Lower Upper

99 100

42 21.0 16.9 25.3

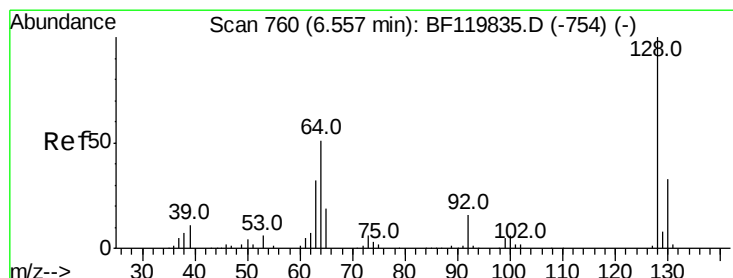
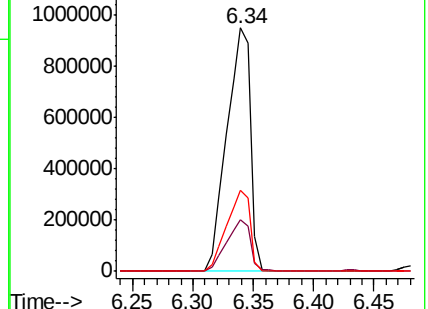
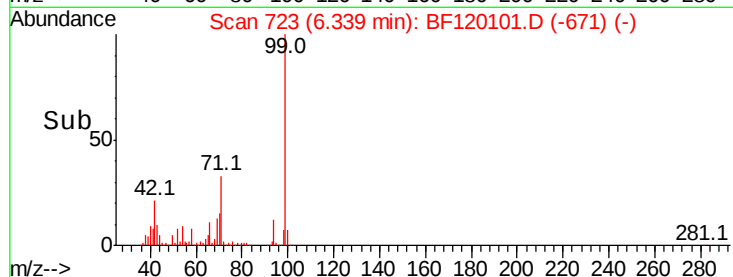
71 33.2 26.3 39.5



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: 52.769 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

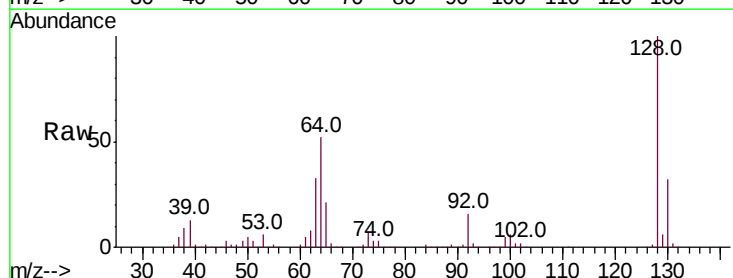
Tgt Ion:128 Resp: 408409

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

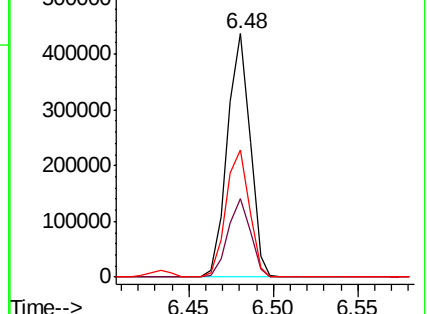
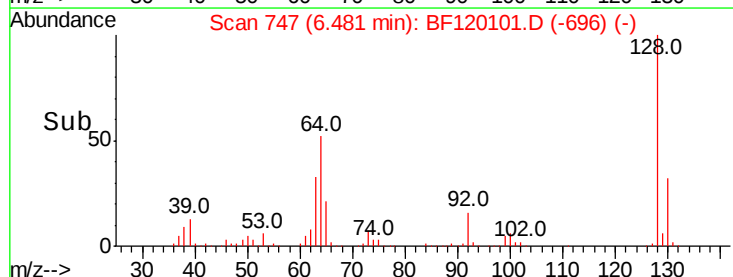
64 52.2 32.0 72.0

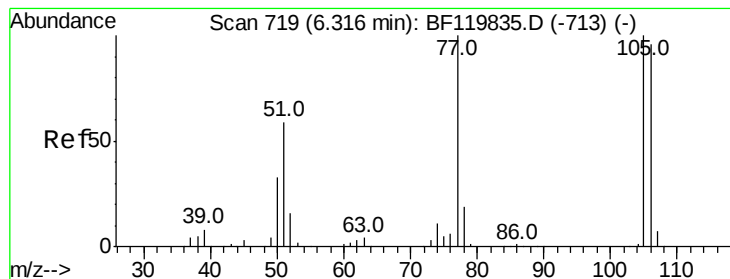


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.946 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleID :

PB128243BSD

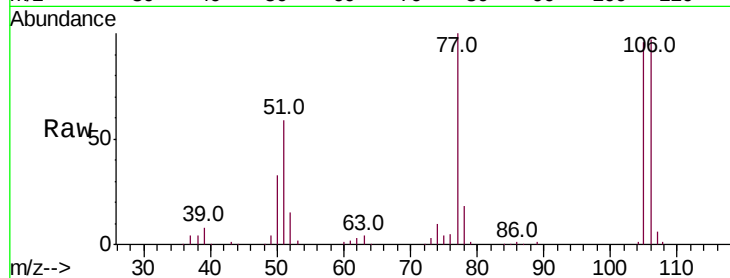
Tot Ion: 77 Resp: 170323

Ion Ratio Lower Upper

77 100

105 96.5 79.9 119.9

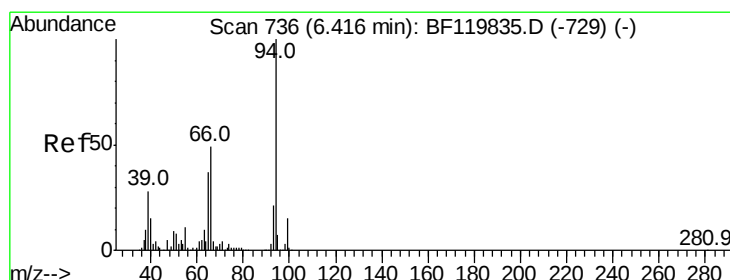
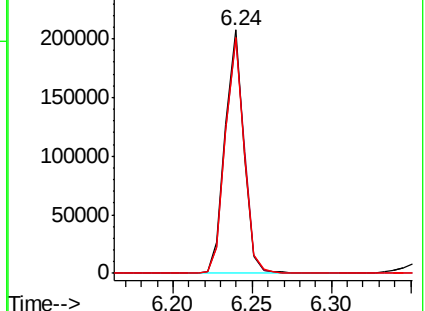
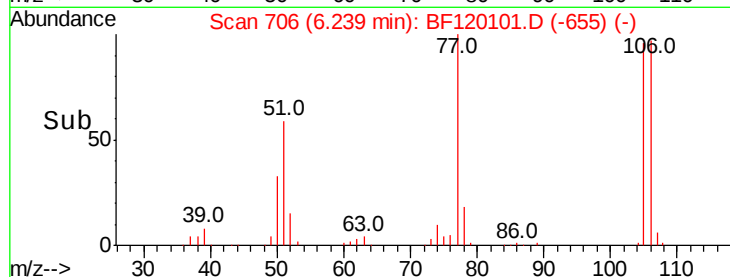
106 96.8 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.907 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

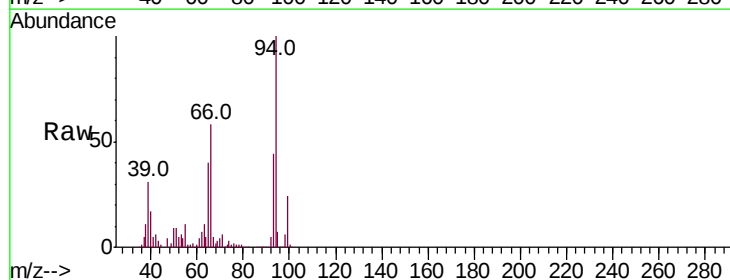
Tgt Ion: 94 Resp: 515487

Ion Ratio Lower Upper

94 100

65 39.8 16.6 56.6

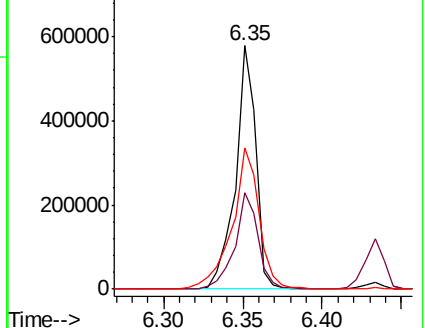
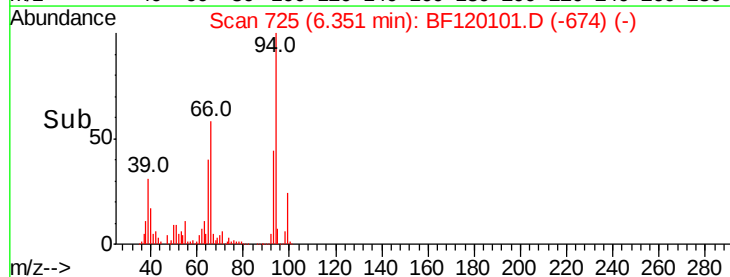
66 57.8 29.3 69.3

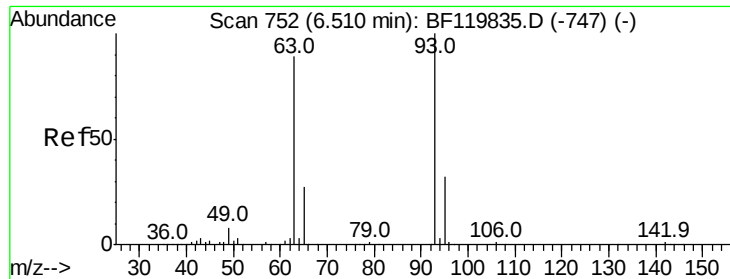


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

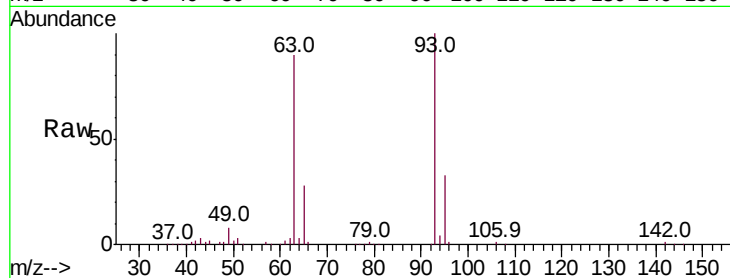




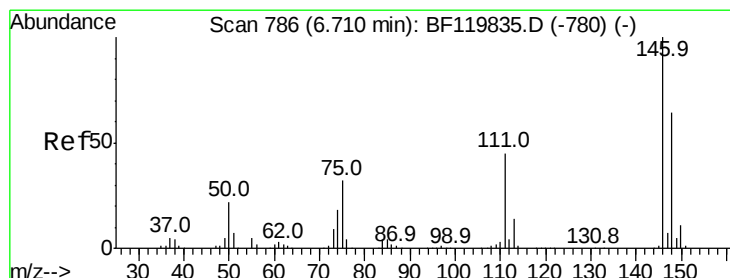
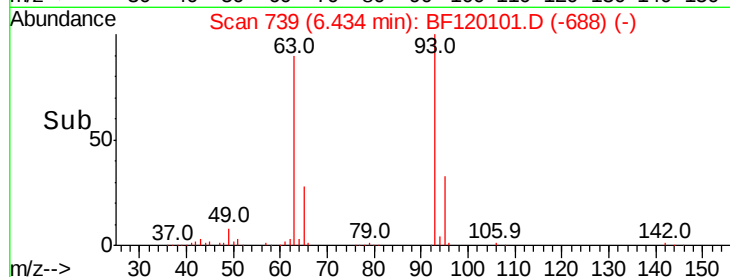
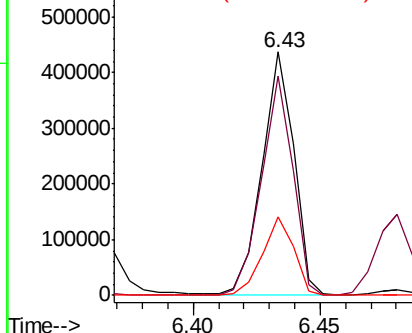
#11
 bis(2-Chloroethyl)ether
 Concen: 48.894 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion: 93 Resp: 382277
 Ion Ratio Lower Upper
 93 100
 63 90.2 69.1 109.1
 95 32.5 12.3 52.3

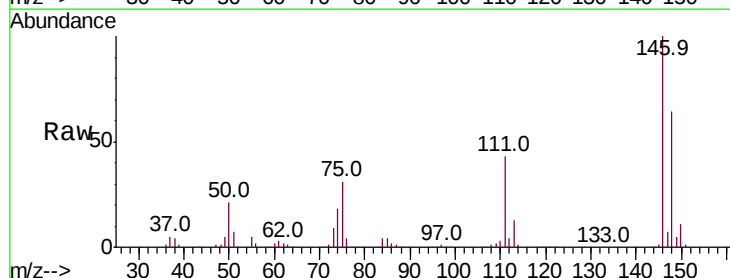


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

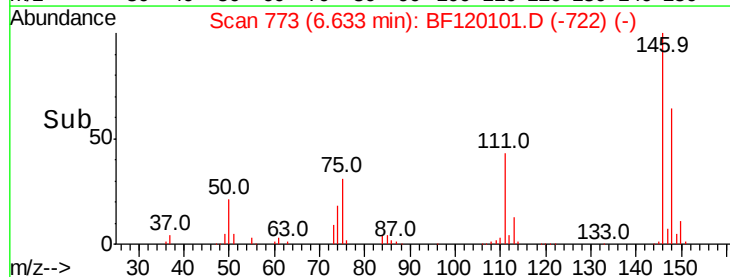
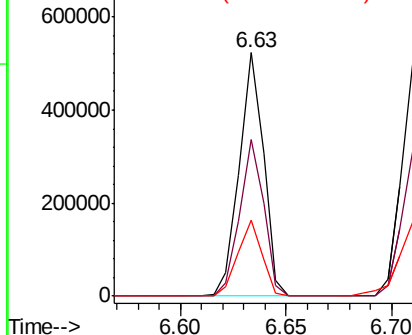


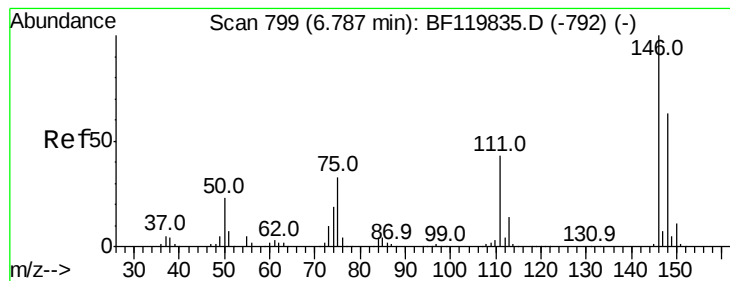
#12
 1,3-Dichlorobenzene
 Concen: 49.106 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion: 146 Resp: 416083
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.3 76.9
 75 31.1 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: 48.768 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

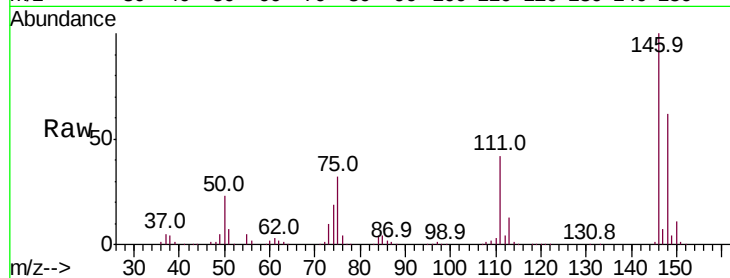
Tot Ion:146 Resp: 420929

Ion Ratio Lower Upper

146 100

148 62.0 50.5 75.7

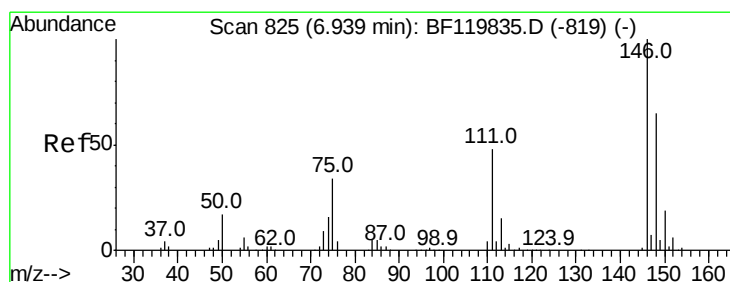
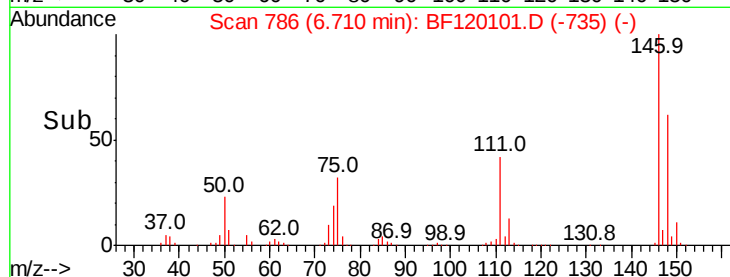
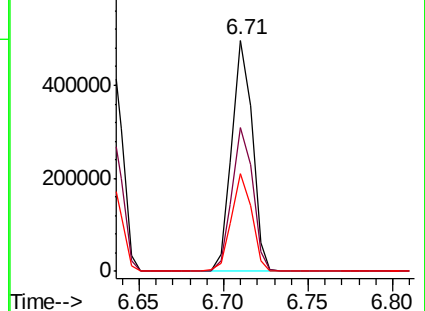
111 42.3 34.7 52.1



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: 49.159 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

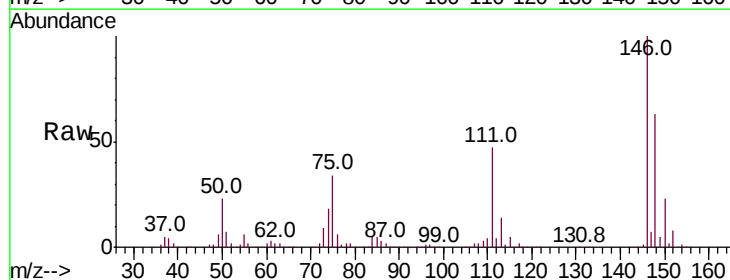
Tgt Ion:146 Resp: 391033

Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

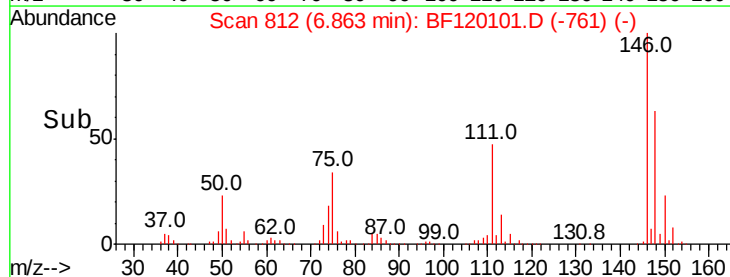
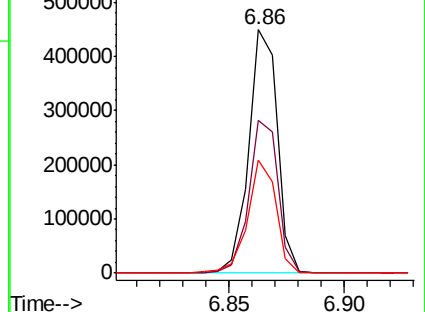
111 46.7 38.0 57.0

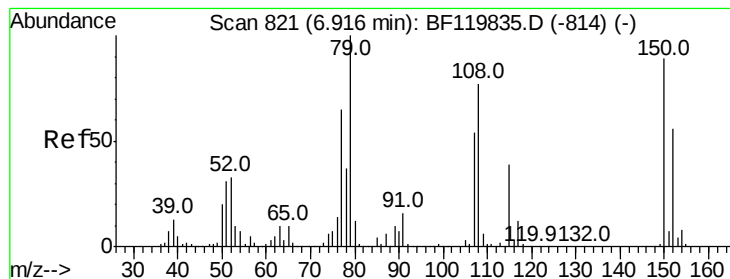


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.463 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleID :

PB128243BSD

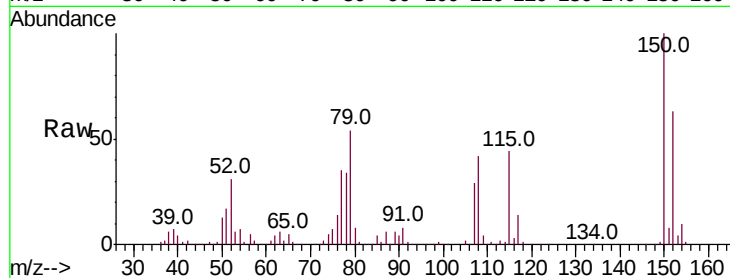
Tot Ion: 79 Resp: 335969

Ion Ratio Lower Upper

79 100

108 78.0 62.0 93.0

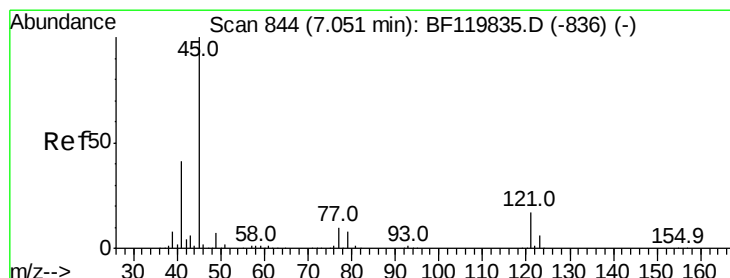
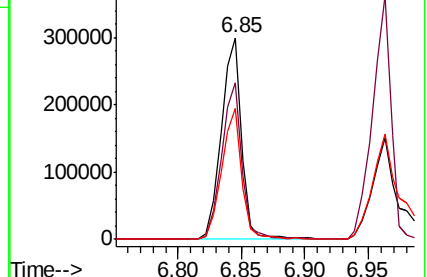
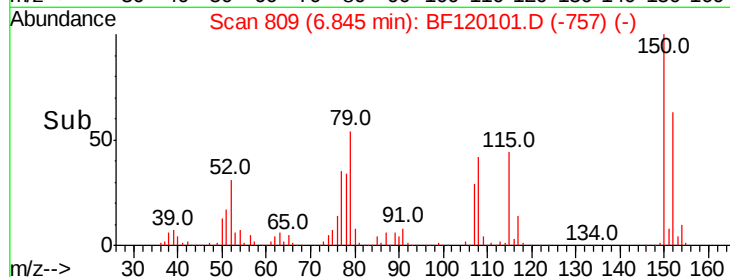
77 65.1 51.8 77.6



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: 43.693 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

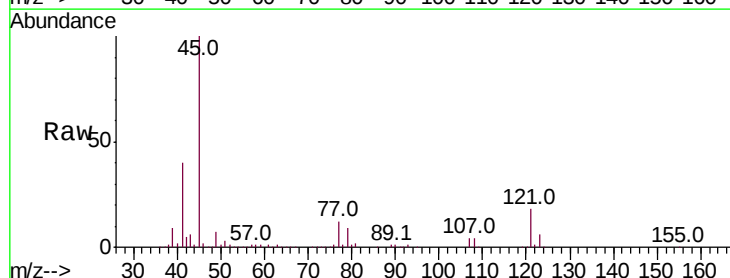
Tgt Ion: 45 Resp: 664747

Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.7

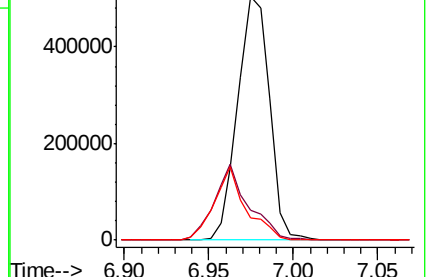
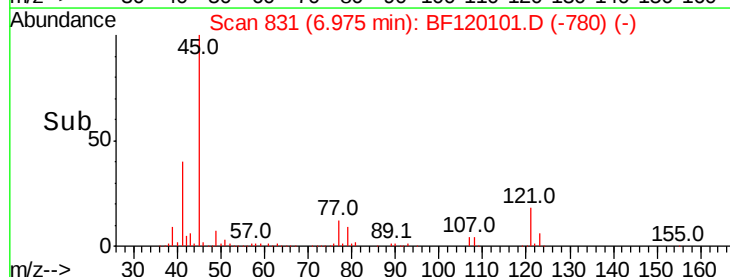
79 9.2 0.0 28.6

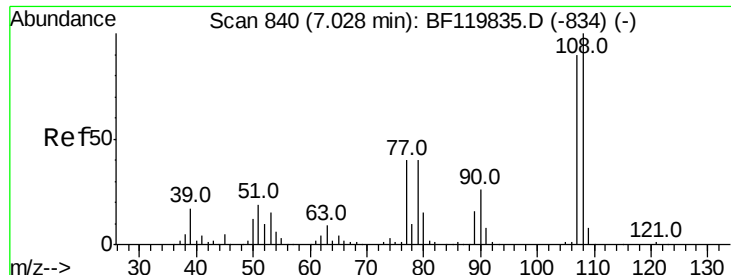


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

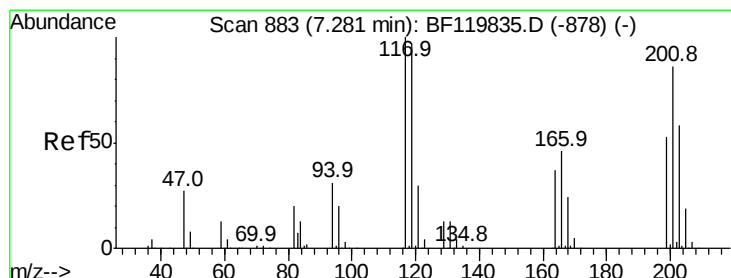
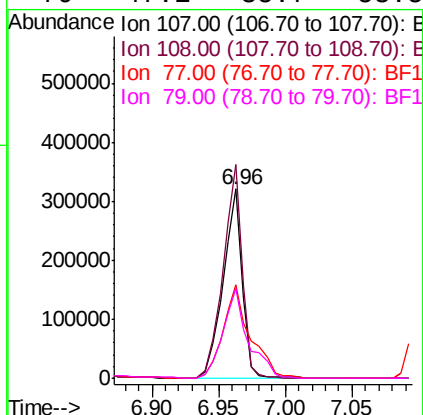
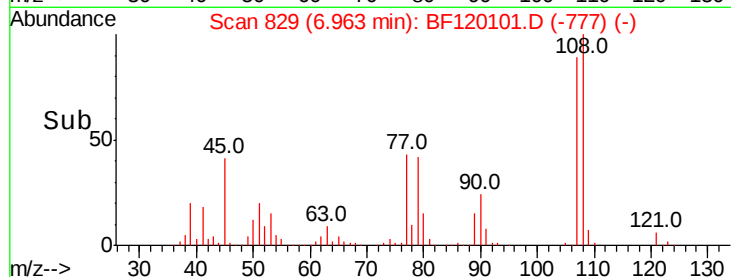
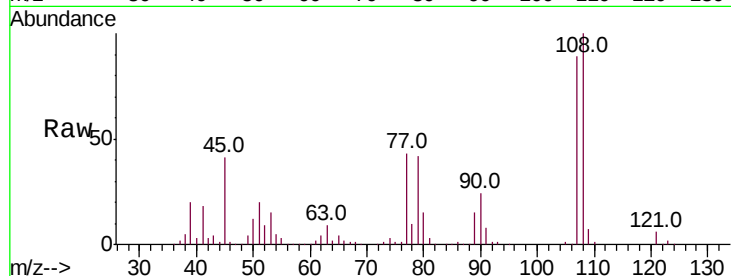




#17
2-Methylphenol
Concen: 46.922 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

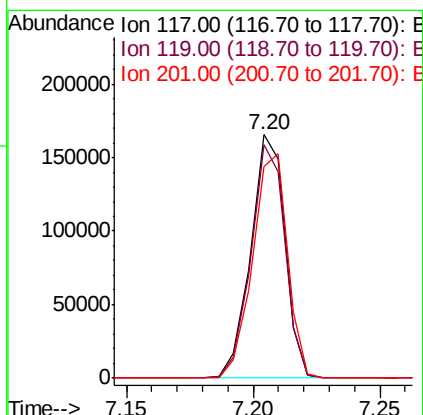
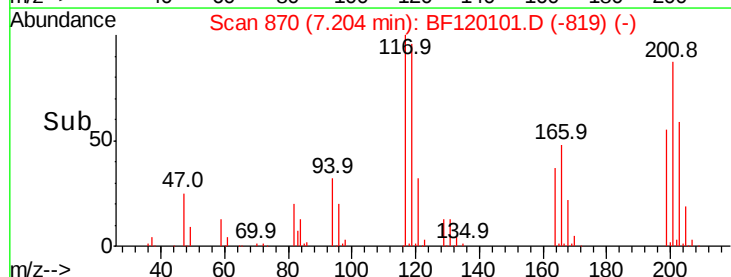
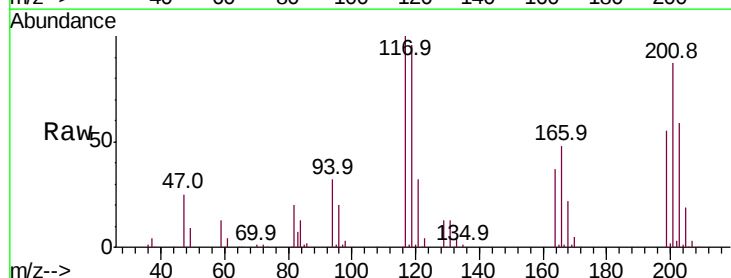
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

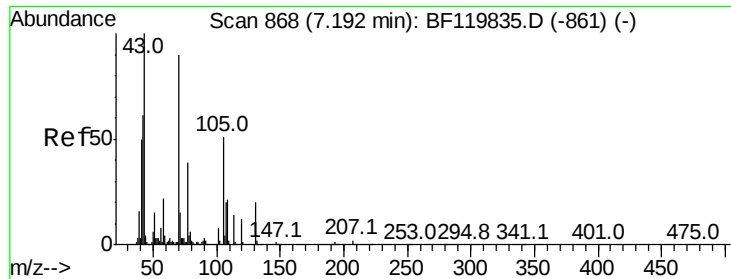
Tot Ion:107 Resp: 324083
Ion Ratio Lower Upper
107 100
108 113.0 88.8 133.2
77 49.1 36.0 54.0
79 47.1 35.7 53.5



#18
Hexachloroethane
Concen: 48.434 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:117 Resp: 156234
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
201 87.1 68.4 102.6

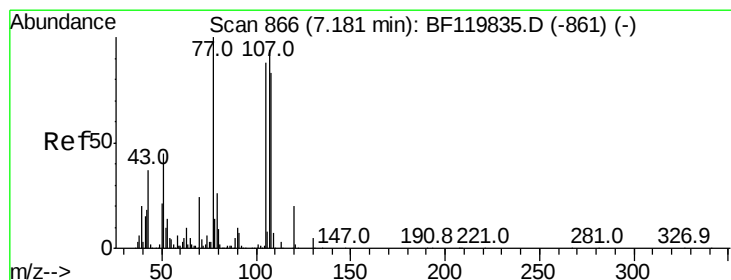
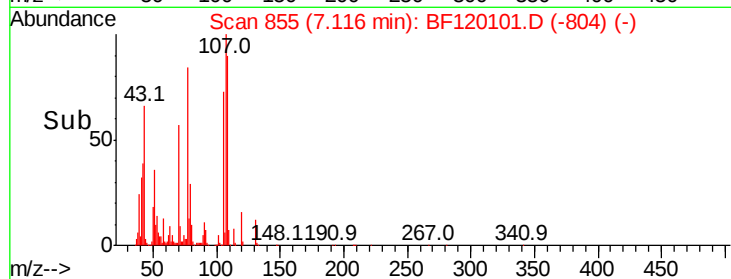
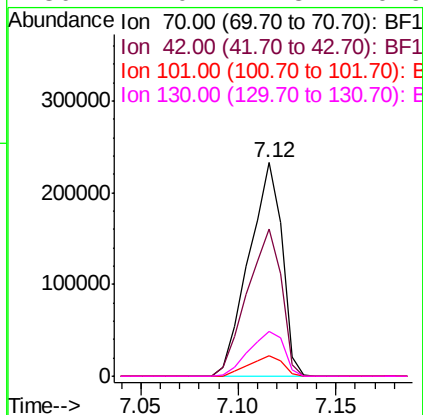
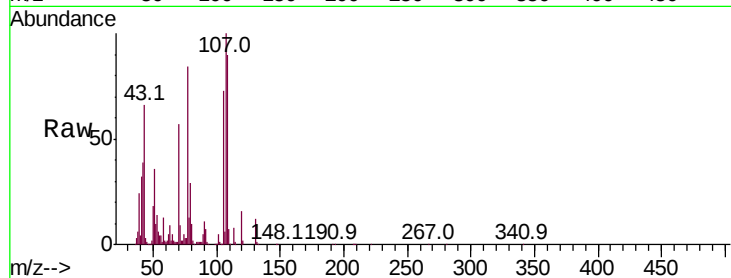




#19
n-Nitroso-di-n-propylamine
Concen: 47.852 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

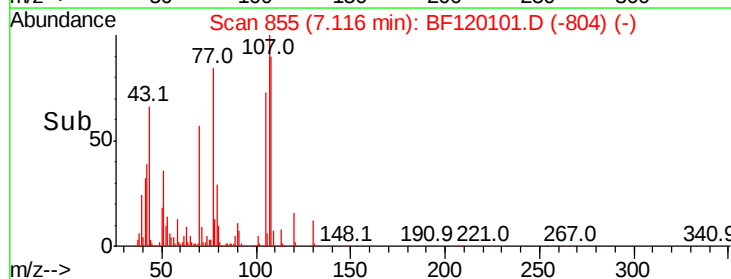
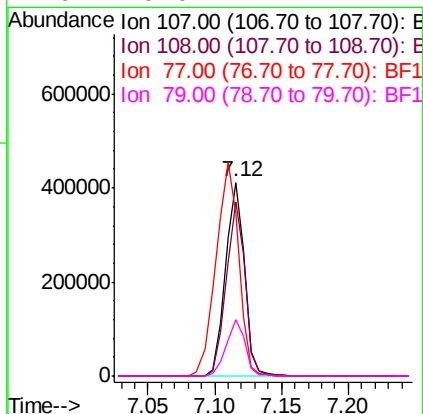
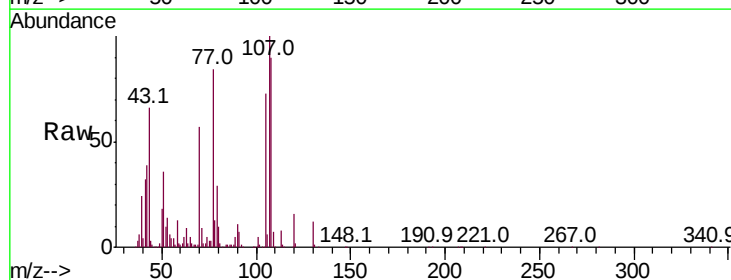
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

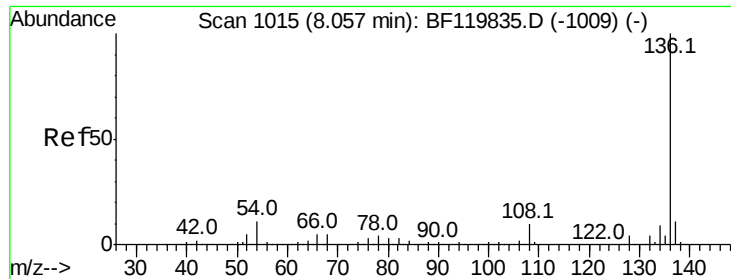
Tot Ion:	70	Resp:	274648
Ion	Ratio	Lower	Upper
70	100		
42	68.7	54.2	81.4
101	9.5	7.4	11.2
130	21.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 49.019 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:	107	Resp:	414082
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	84.0	86.6	126.6#
79	29.0	7.7	47.7

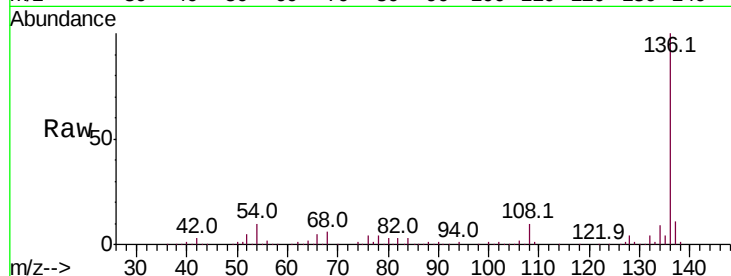




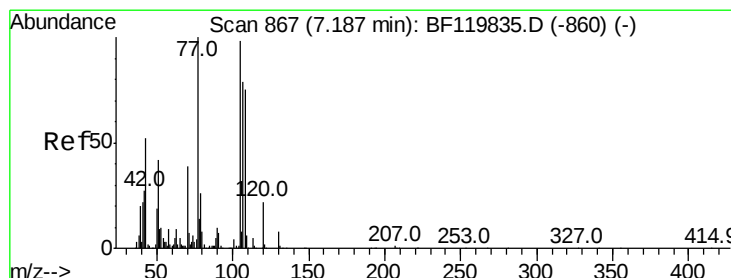
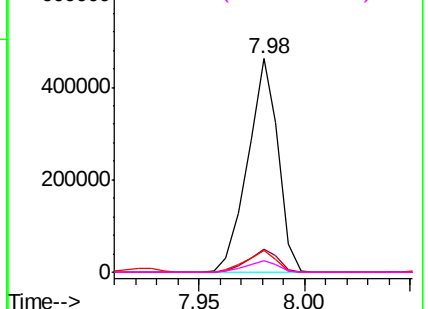
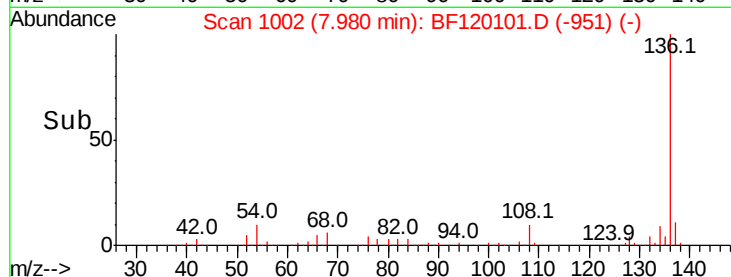
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:	136	Resp:	456279
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.5	8.5	12.7
68	5.6	3.9	5.9

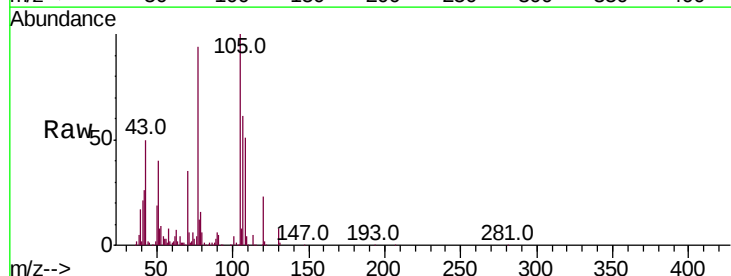


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

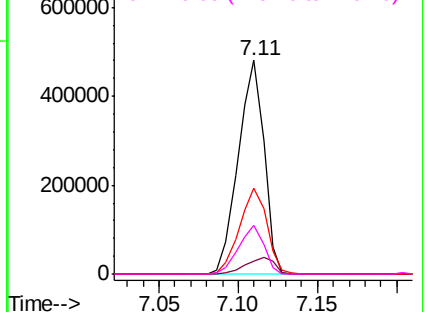
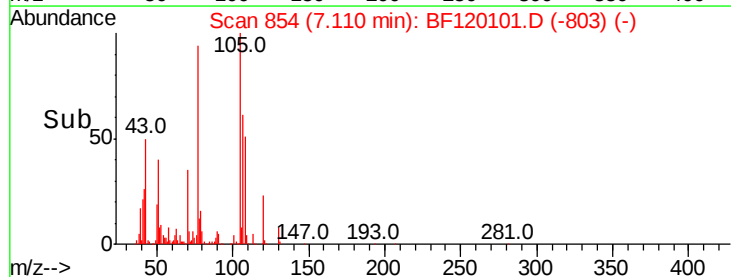


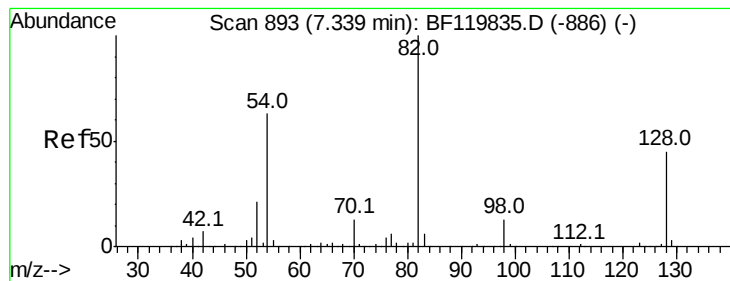
#22
Acetophenone
Concen: 50.524 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:	105	Resp:	539834
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.6	8.4
51	40.4	33.9	50.9
120	22.6	17.8	26.8



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





#23

Nitrobenzene-d5

Concen: 89.504 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

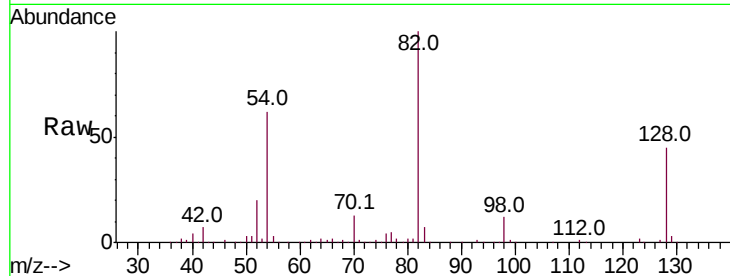
Tot Ion: 82 Resp: 789403

Ion Ratio Lower Upper

82 100

128 45.4 36.2 54.4

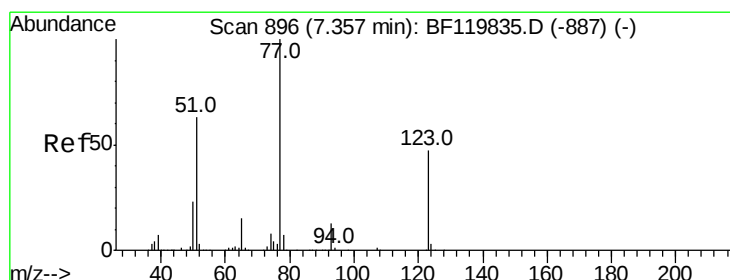
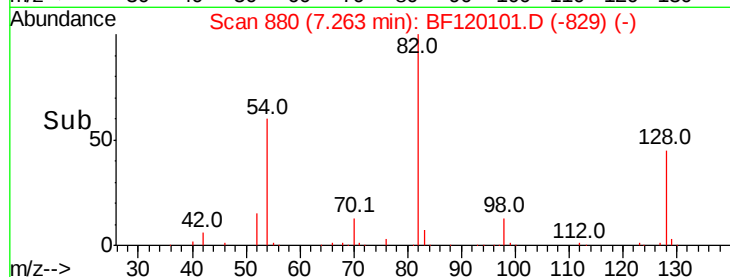
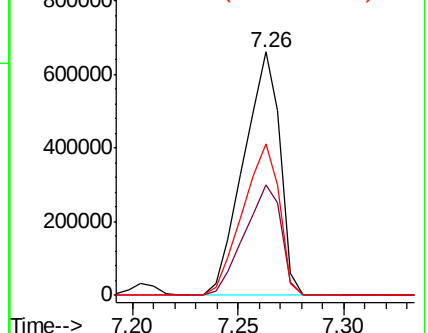
54 62.3 50.4 75.6



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: 48.132 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

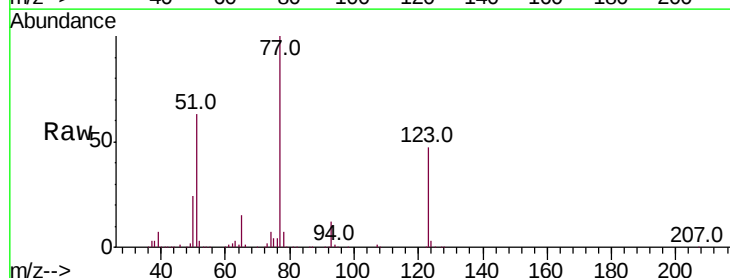
Tgt Ion: 77 Resp: 427041

Ion Ratio Lower Upper

77 100

123 46.6 37.8 56.8

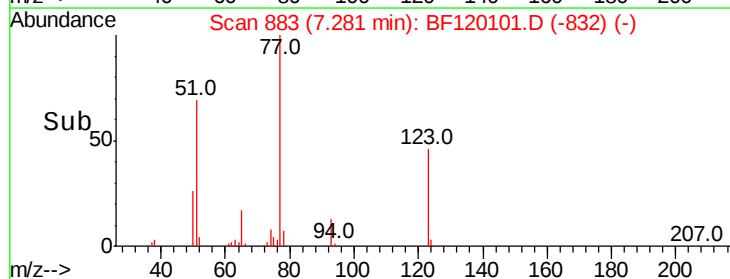
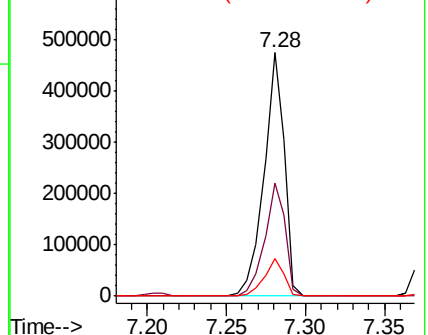
65 15.3 12.2 18.2



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: 44.857 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

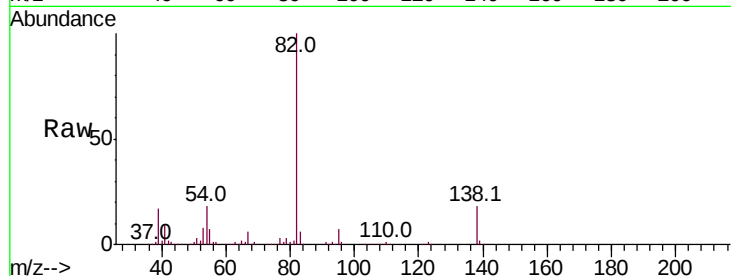
Tot Ion: 82 Resp: 762660

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

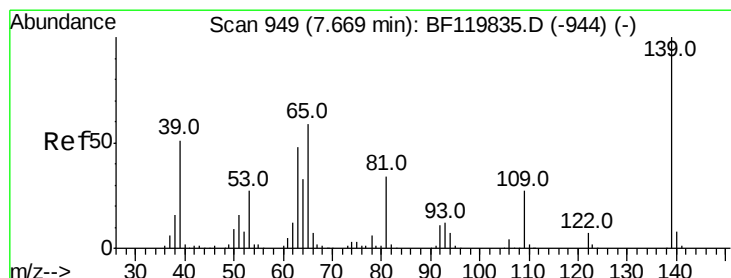
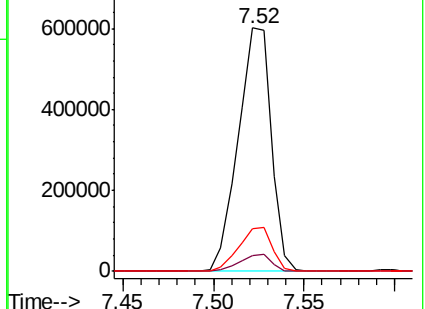
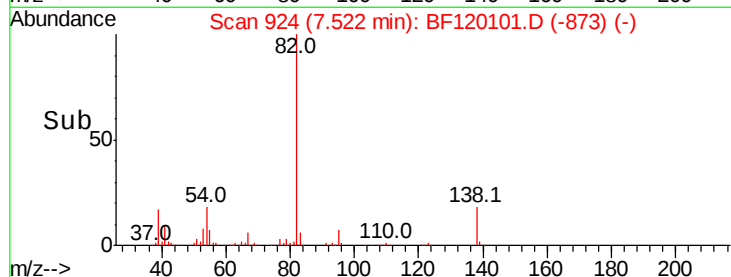
138 17.6 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.648 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

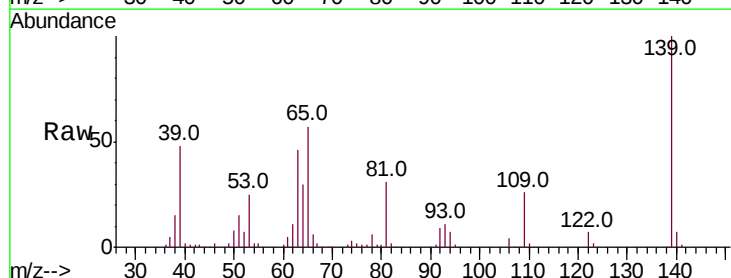
Tgt Ion: 139 Resp: 220070

Ion Ratio Lower Upper

139 100

109 25.8 21.8 32.6

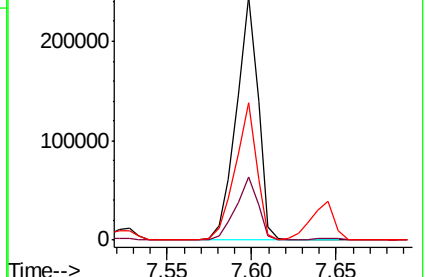
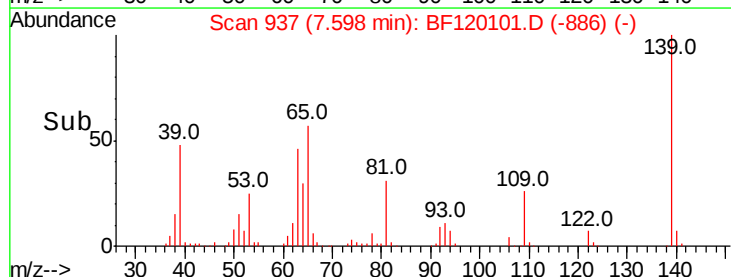
65 56.6 47.0 70.4

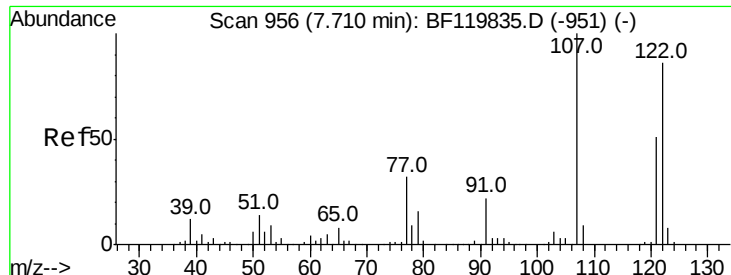


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

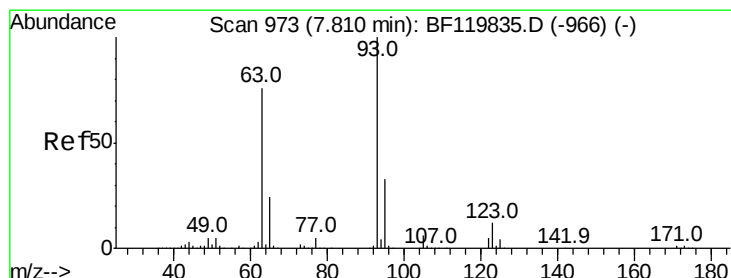
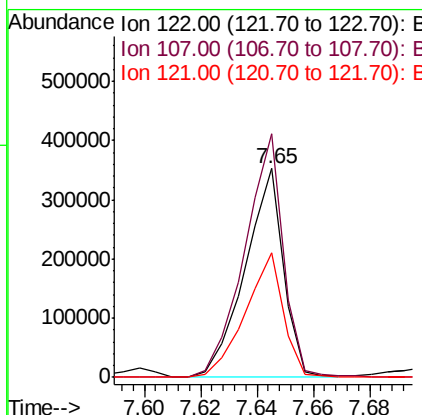
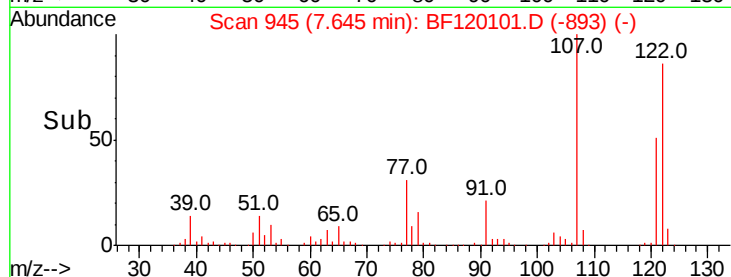
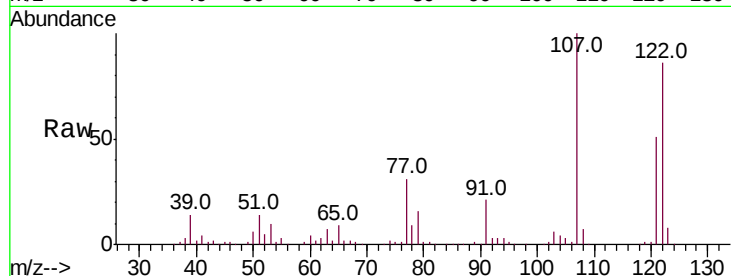




#27
 2,4-Dimethylphenol
 Concen: 49.828 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

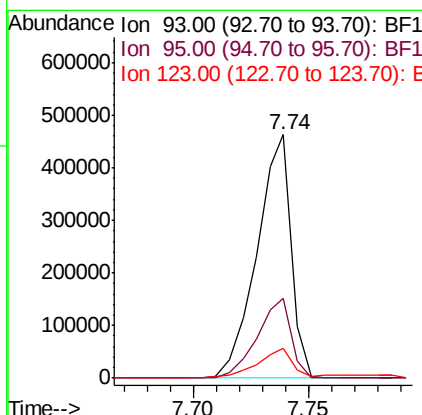
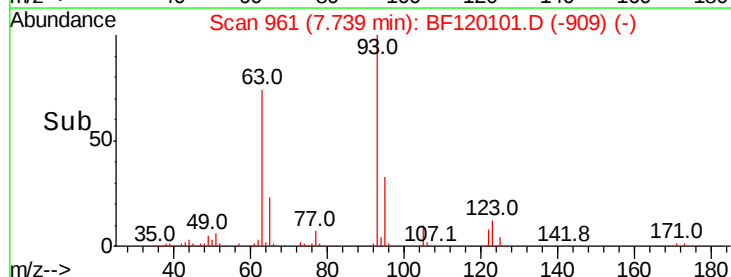
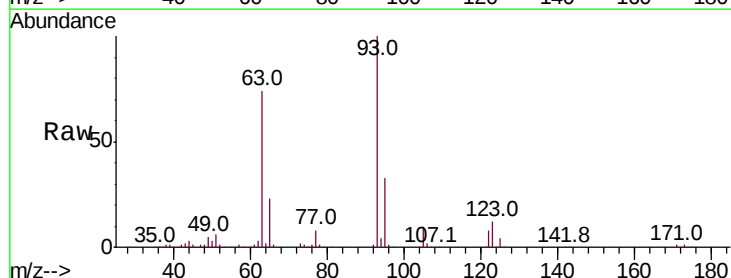
Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

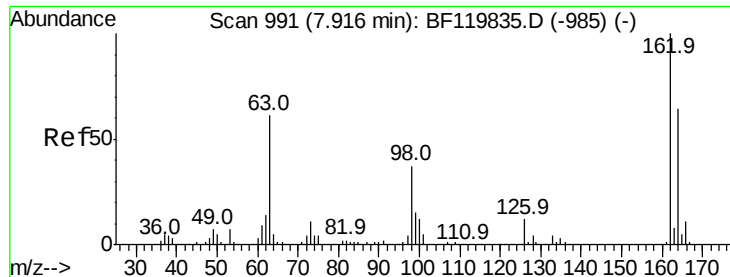
Tot Ion:122 Resp: 333110
 Ion Ratio Lower Upper
 122 100
 107 116.5 92.3 138.5
 121 59.4 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.539 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion: 93 Resp: 475608
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 12.2 9.7 14.5

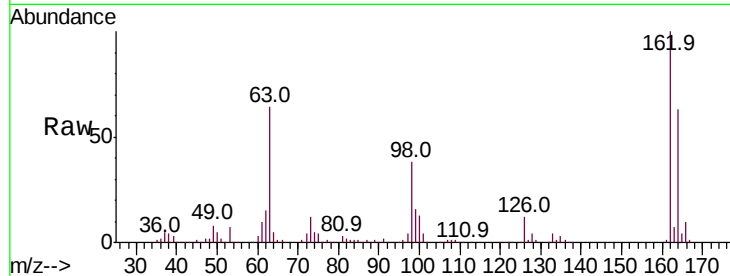




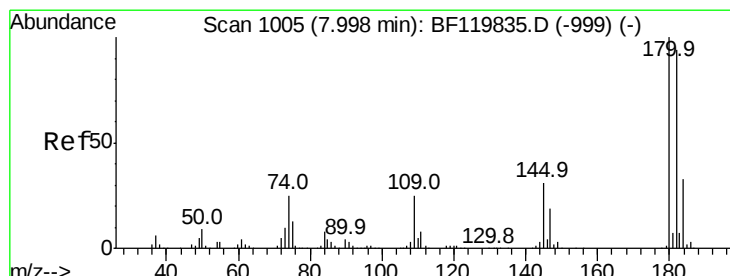
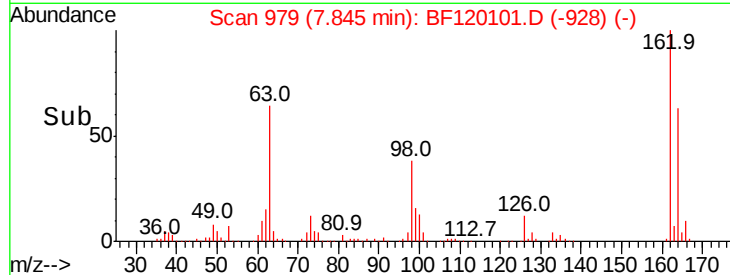
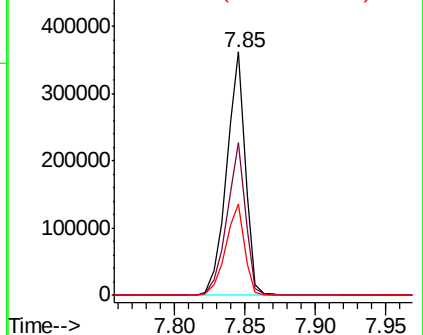
#29
 2,4-Dichlorophenol
 Concen: 48.609 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	37.7	17.3	57.3

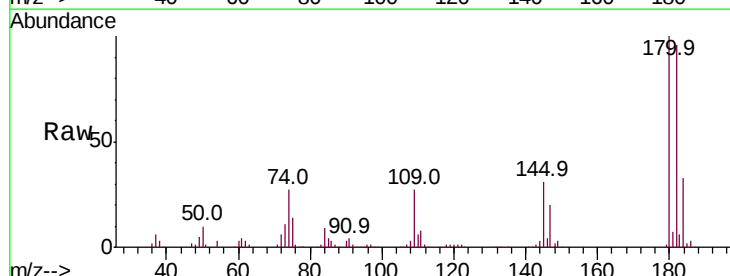


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

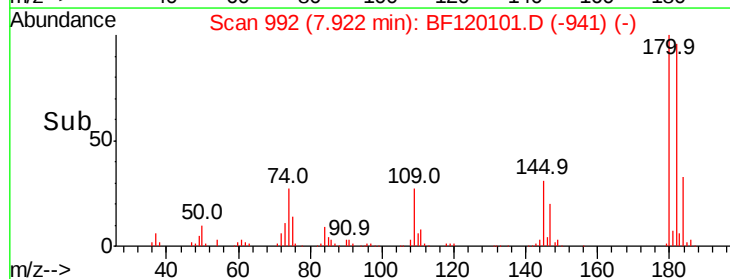
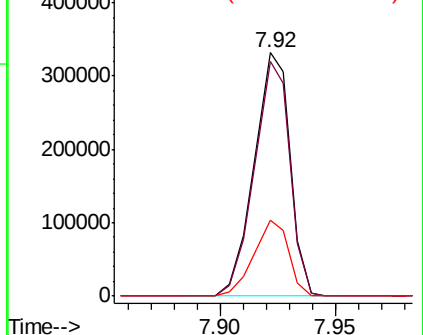


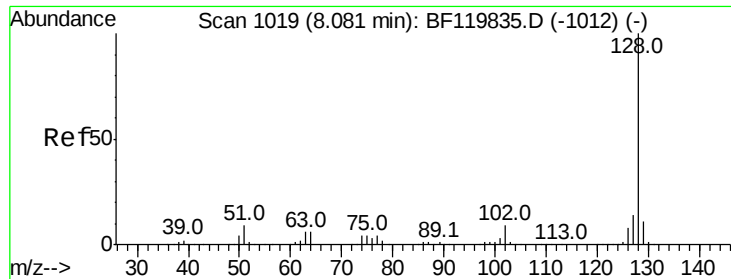
#30
 1,2,4-Trichlorobenzene
 Concen: 46.325 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.0
145	30.9	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

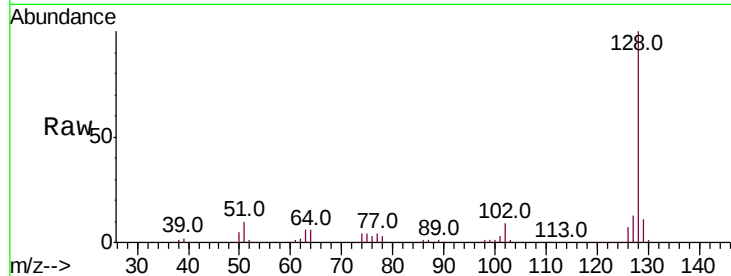




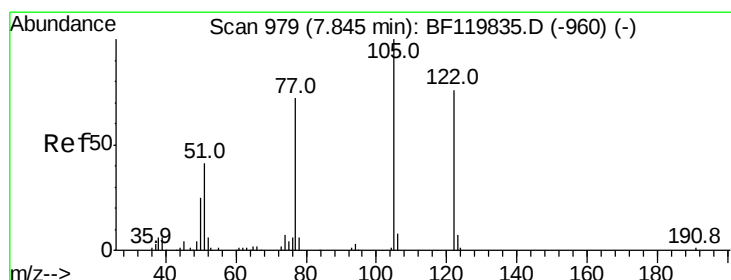
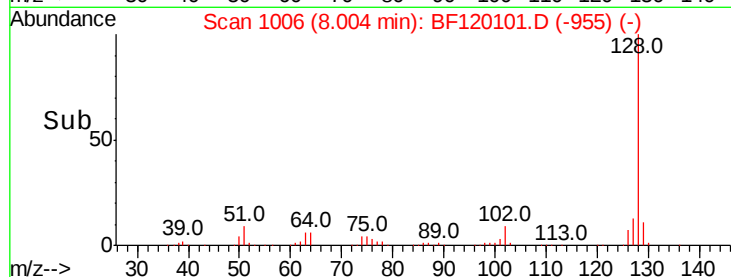
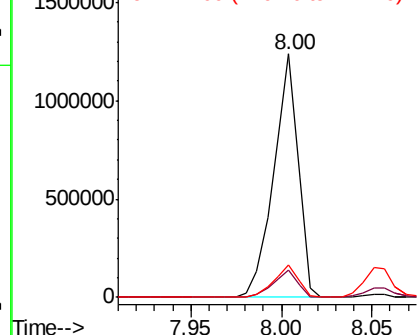
#31
Naphthalene
Concen: 48.132 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:128 Resp: 1155464
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.0 16.4

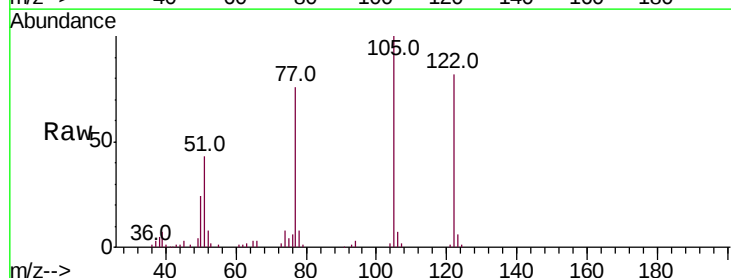


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

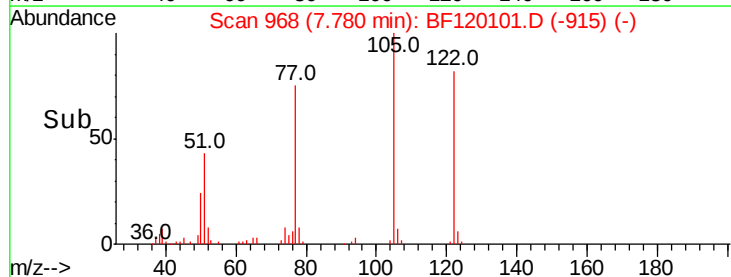
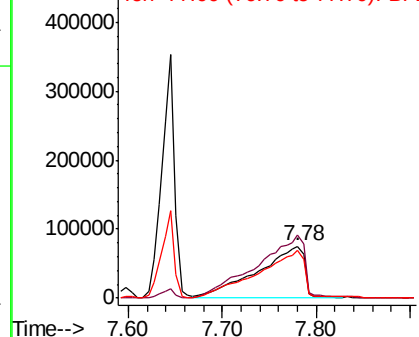


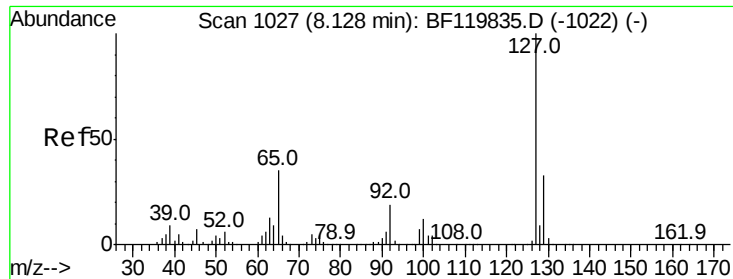
#32
Benzoic acid
Concen: 43.597 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:122 Resp: 255974
Ion Ratio Lower Upper
122 100
105 121.3 106.7 146.7
77 92.0 72.1 112.1



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

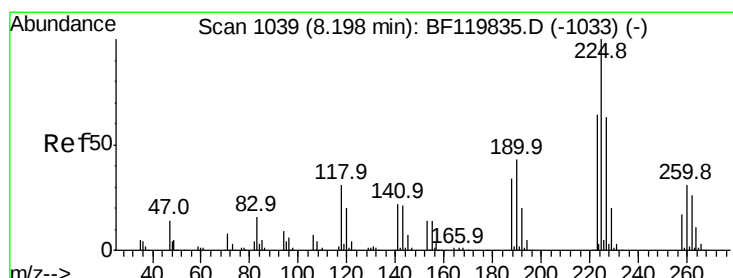
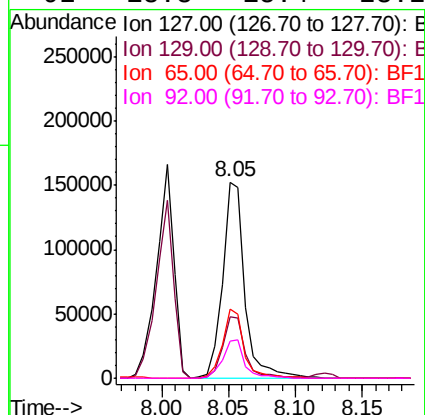
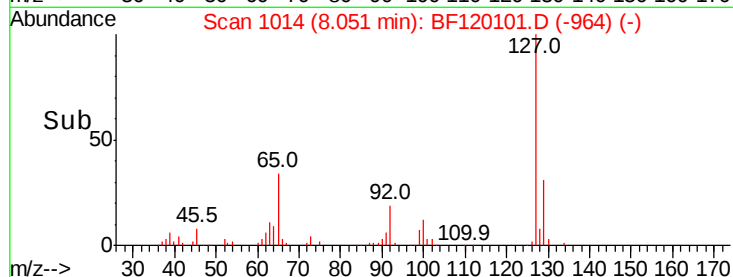
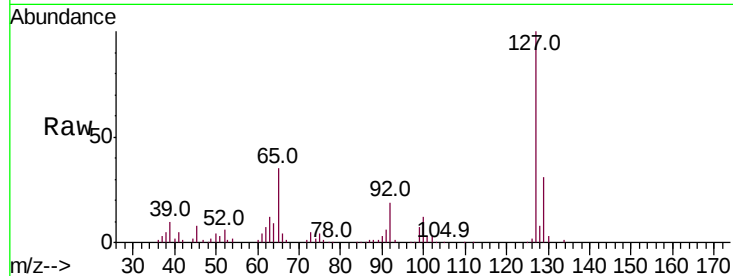




#33
4-Chloroaniline
Concen: 17.177 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

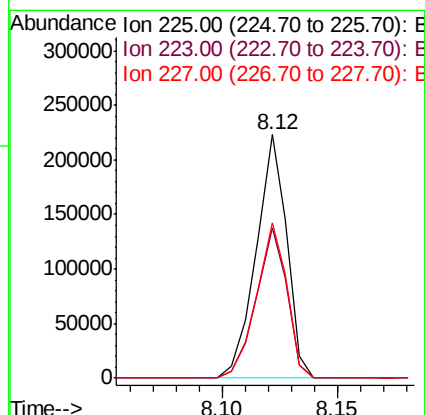
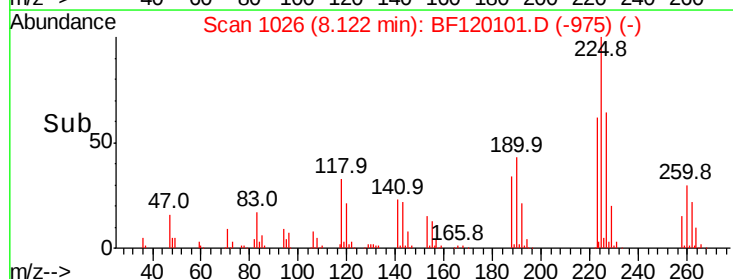
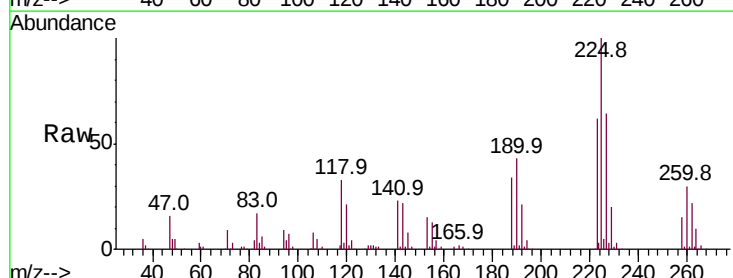
Instrument :
BNA_F
ClientSampleID :
PB128243BSD

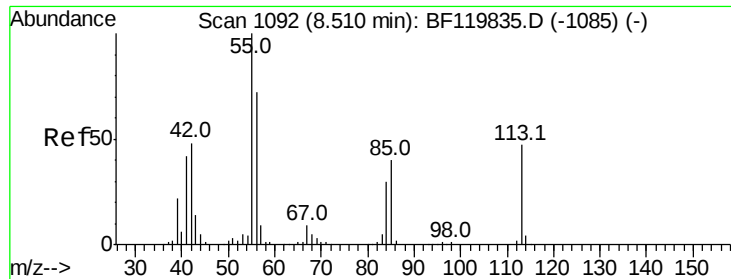
Tot Ion:	127	Resp:	179512
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	35.3	28.3	42.5
92	18.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 44.319 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:	225	Resp:	205990
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	63.6	50.4	75.6

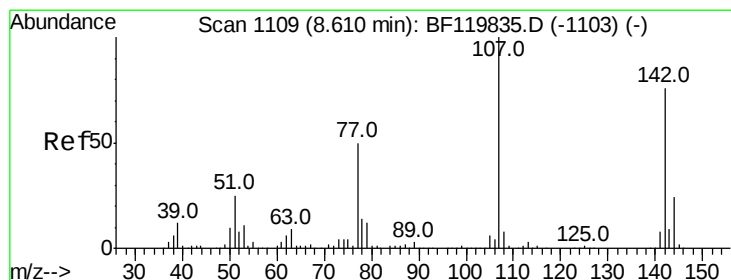
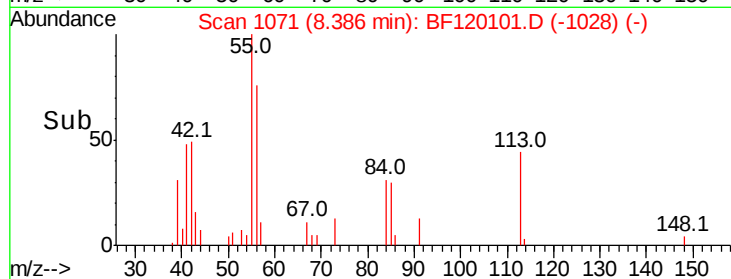
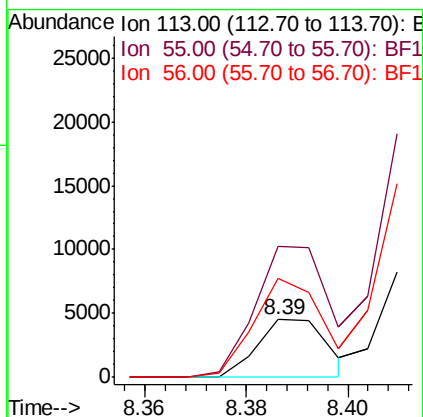
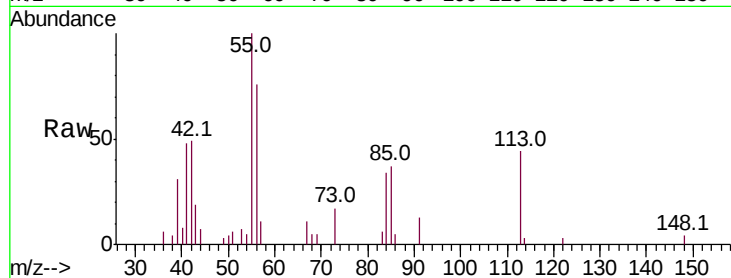




#35
 Caprolactam
 Concen: 2.025 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.05 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

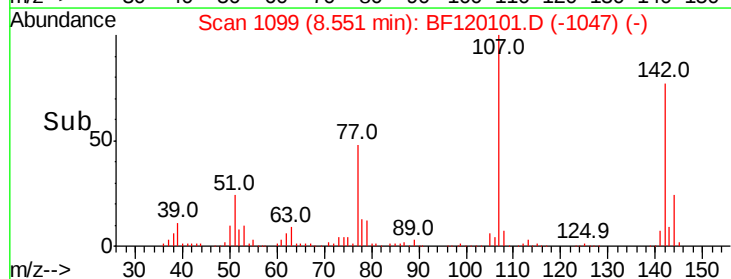
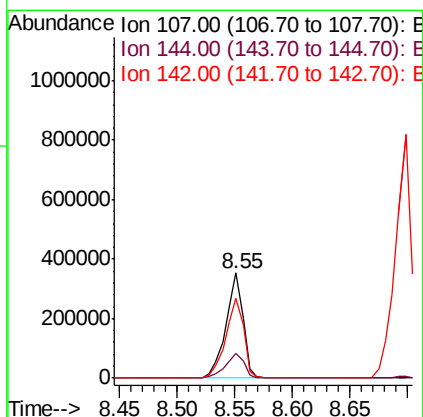
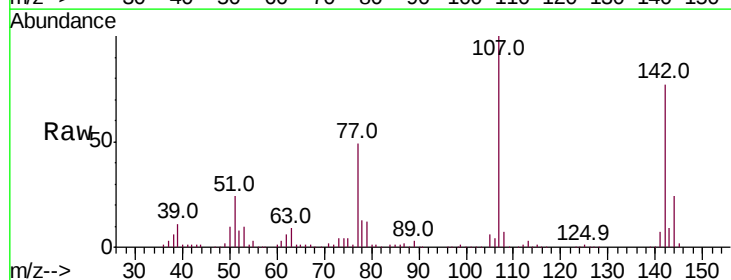
Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

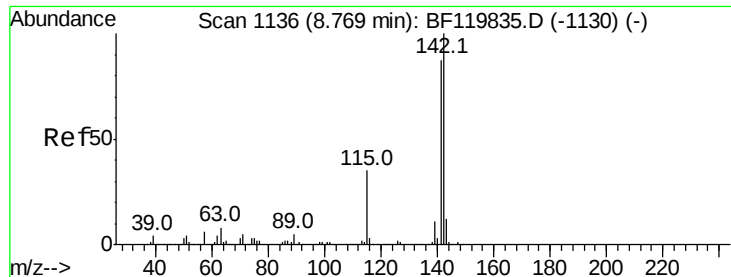
Tot Ion:113 Resp: 4244
 Ion Ratio Lower Upper
 113 100
 55 226.7 192.7 232.7
 56 172.2 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.081 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:107 Resp: 364132
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.5 29.3
 142 76.5 60.5 90.7





#37

2-Methylnaphthalene

Concen: 47.391 ng

RT: 8.70 min Scan# 1124

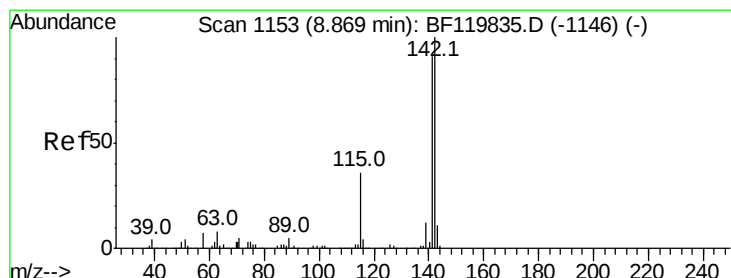
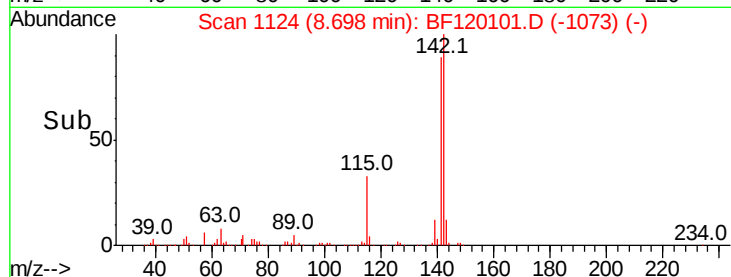
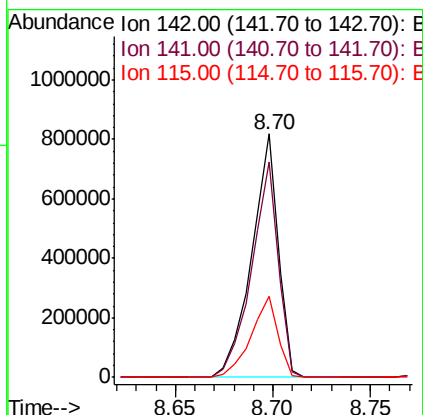
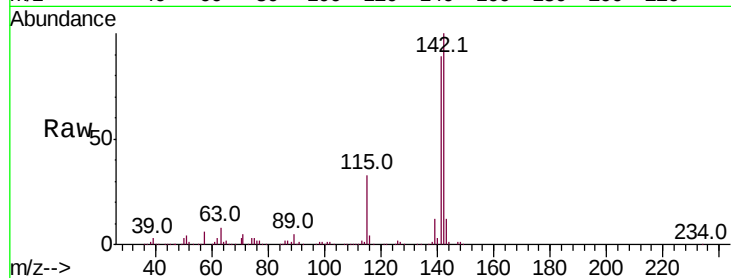
Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.9	104.9
115	33.4	28.0	42.0



#38

1-Methylnaphthalene

Concen: 47.597 ng

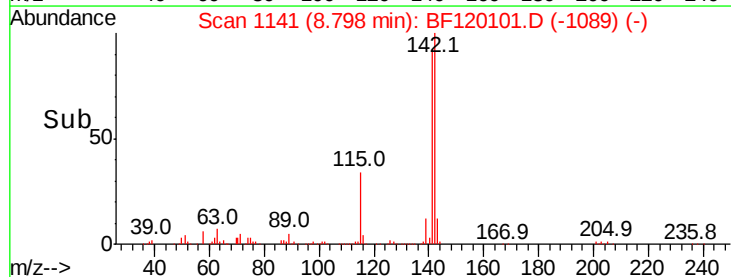
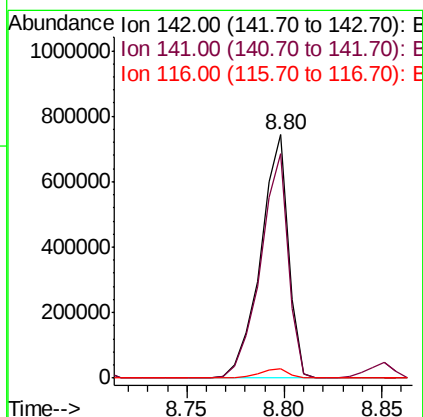
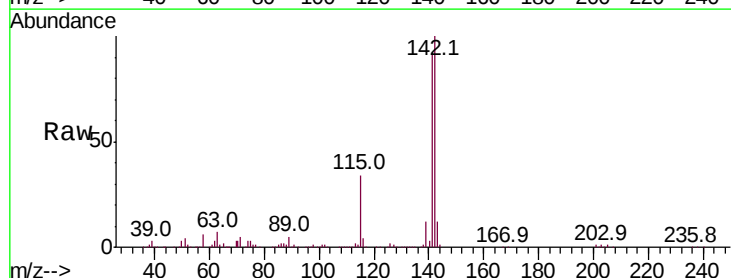
RT: 8.80 min Scan# 1141

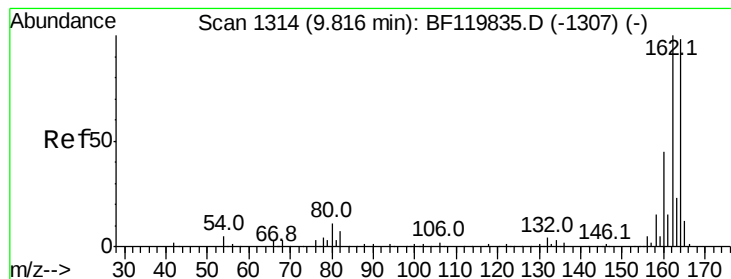
Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.9	109.3
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

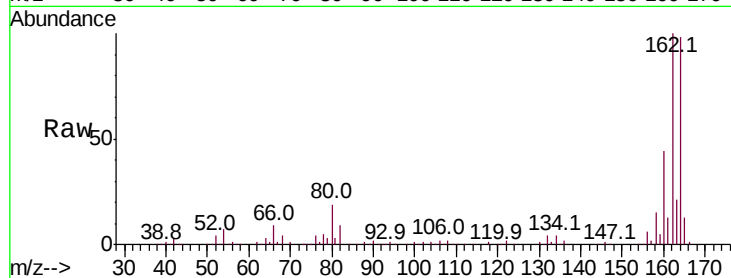
Tot Ion:164 Resp: 235555

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

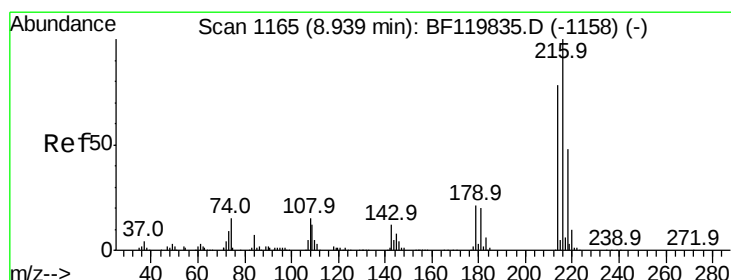
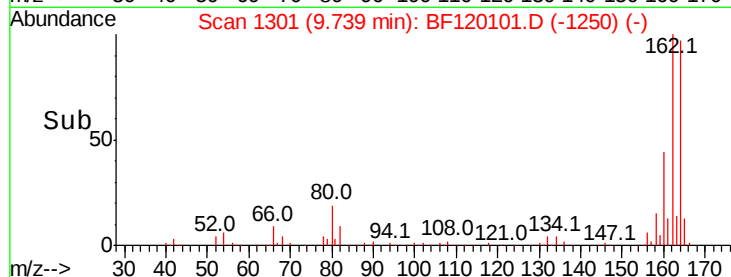
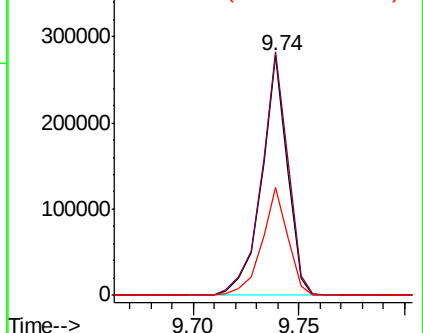
160 45.2 36.6 54.8



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: 45.697 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion:216 Resp: 339975

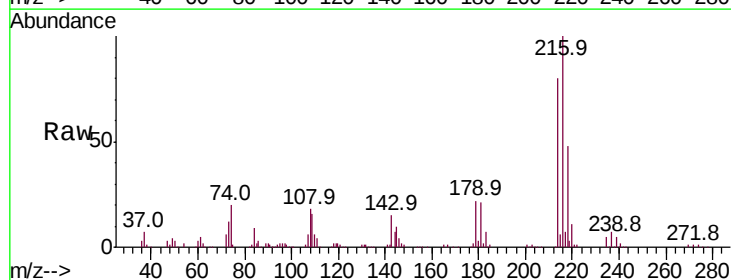
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 21.5 17.0 25.4

108 19.6 14.8 22.2

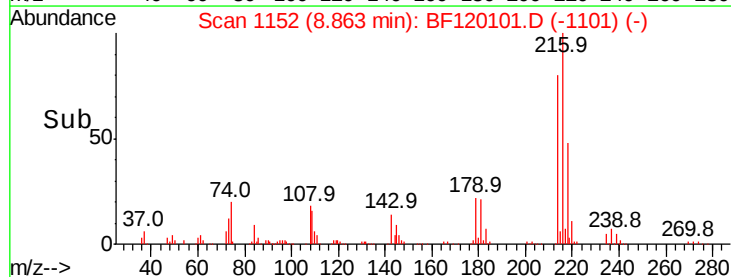
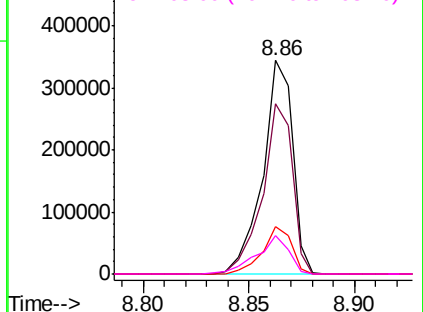


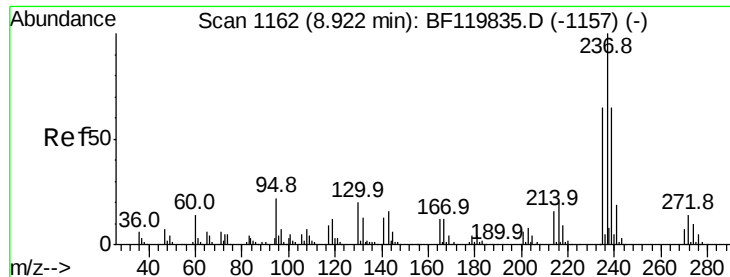
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.872 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

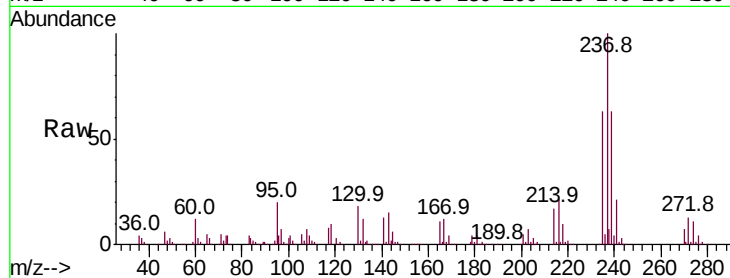
Tot Ion:237 Resp: 350595

Ion Ratio Lower Upper

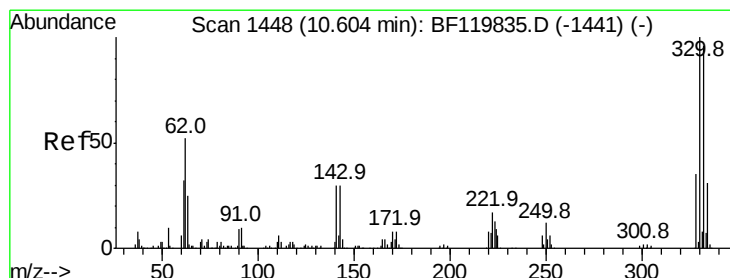
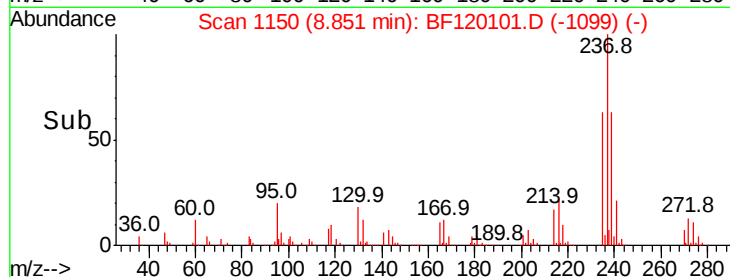
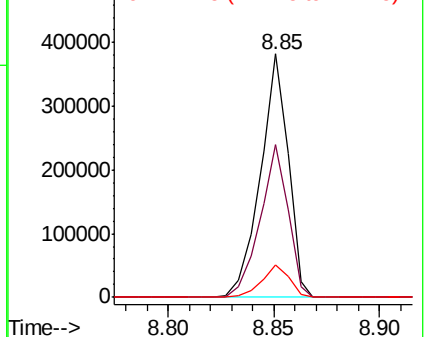
237 100

235 62.7 44.9 84.9

272 13.2 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: 119.019 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

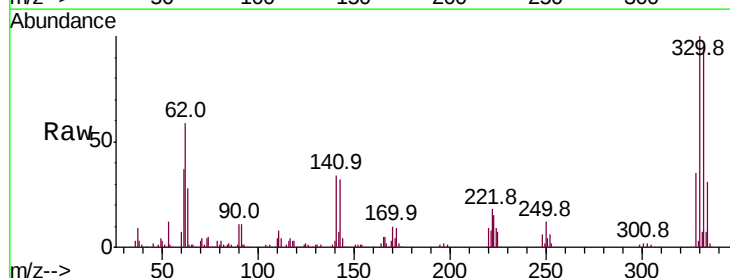
Tgt Ion:330 Resp: 343251

Ion Ratio Lower Upper

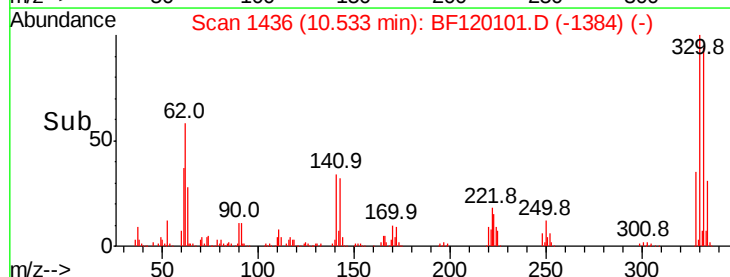
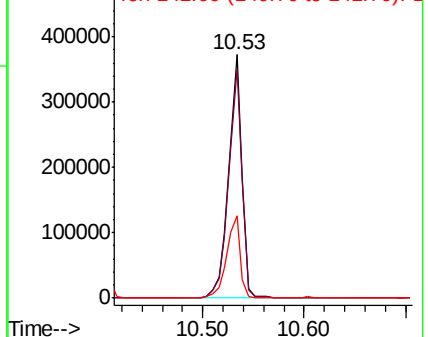
330 100

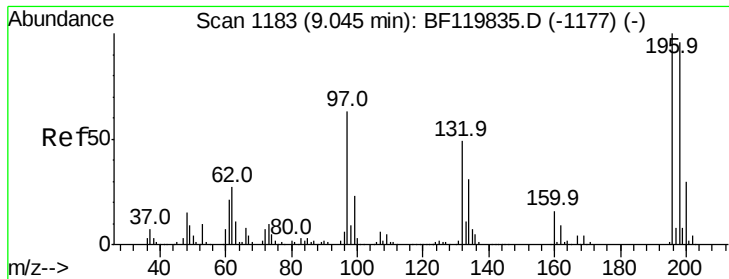
332 95.3 76.8 115.2

141 34.1 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

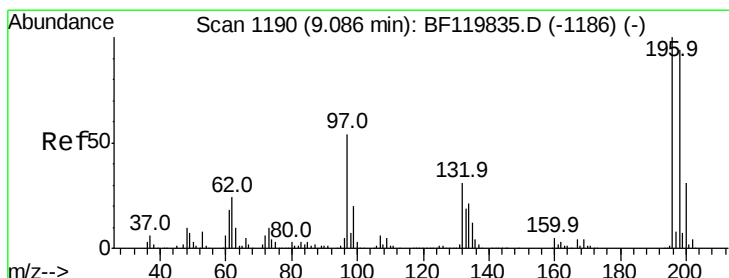
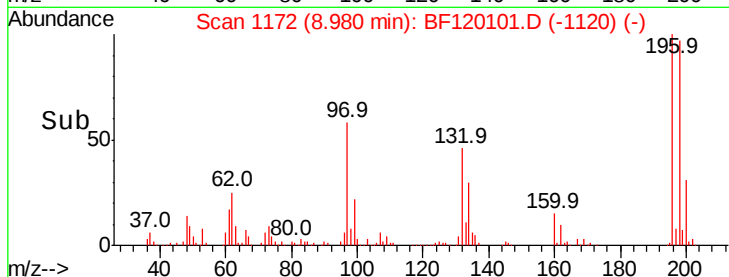
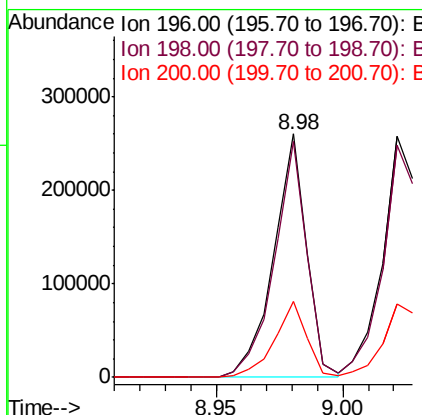
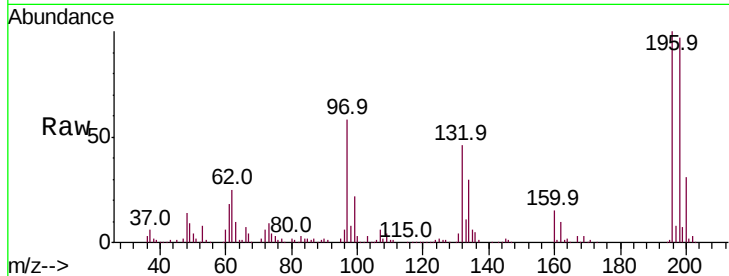




#43
 2,4,6-Trichlorophenol
 Concen: 46.159 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

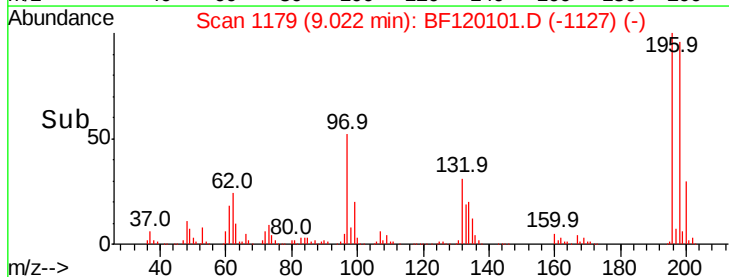
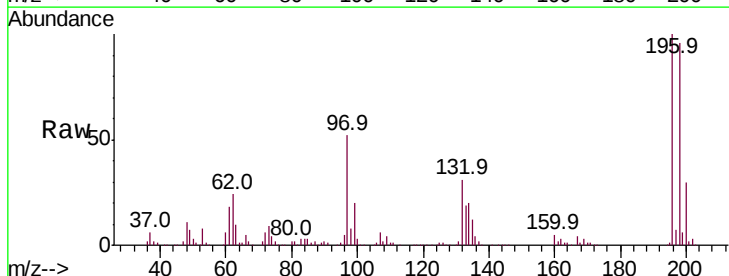
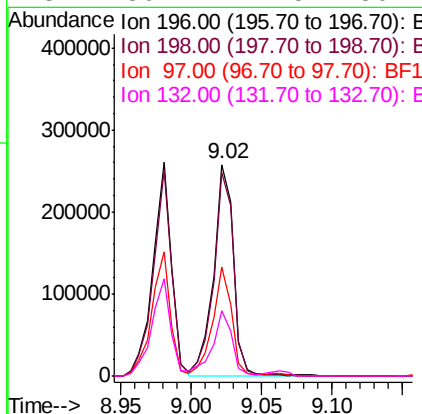
Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

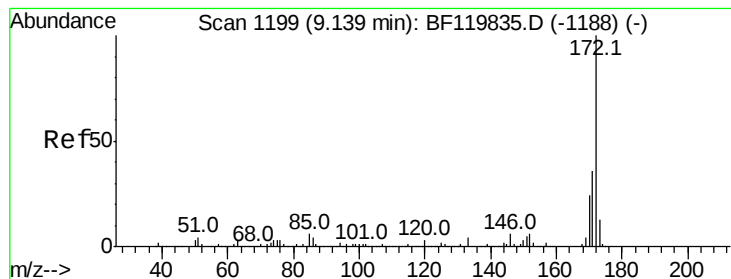
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
200	31.1	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.719 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.1	112.7
97	51.6	43.4	65.2
132	30.7	24.5	36.7





#45

2-Fluorobiphenyl

Concen: 91.494 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

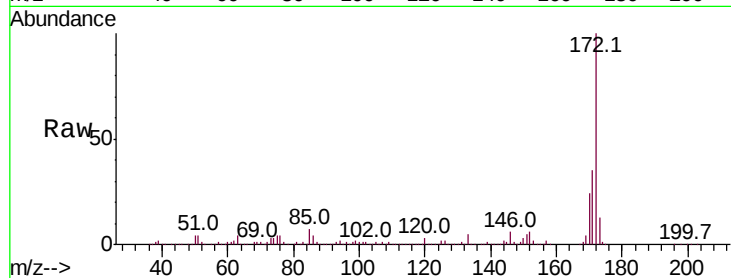
Tot Ion:172 Resp: 1517972

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

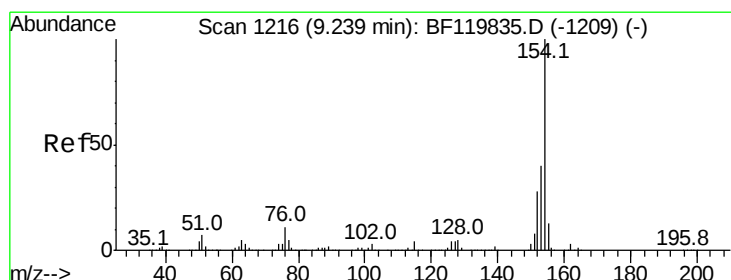
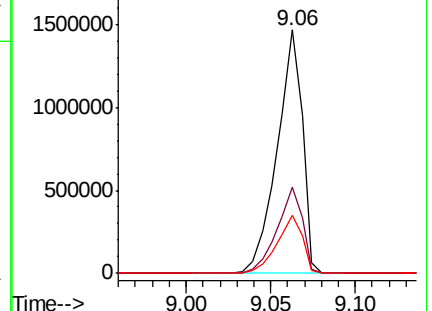
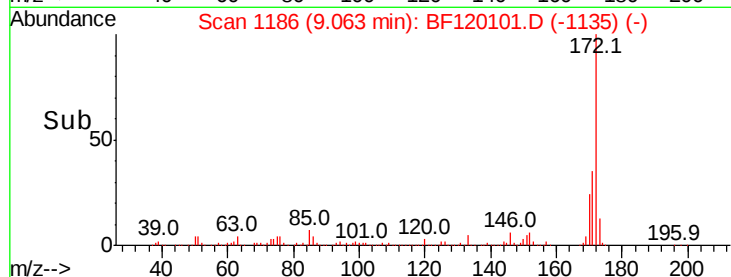
170 23.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.275 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

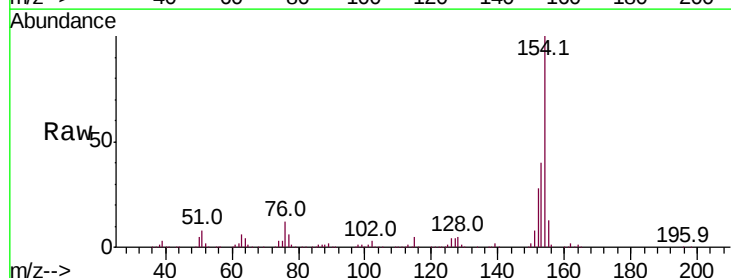
Tgt Ion:154 Resp: 939938

Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

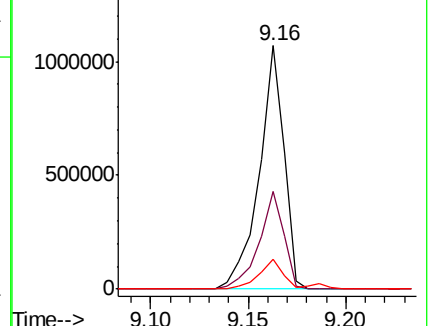
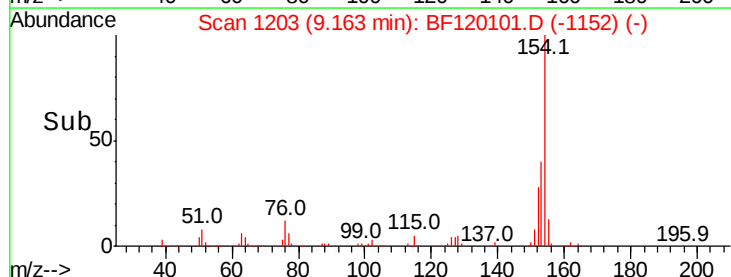
76 12.5 0.0 30.6

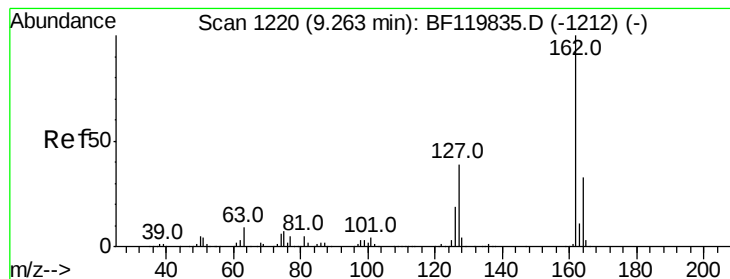


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.427 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

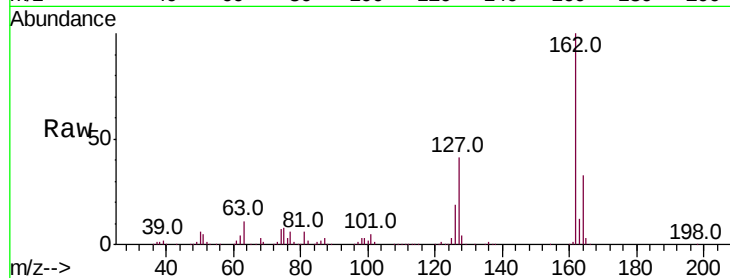
Tot Ion:162 Resp: 726398

Ion Ratio Lower Upper

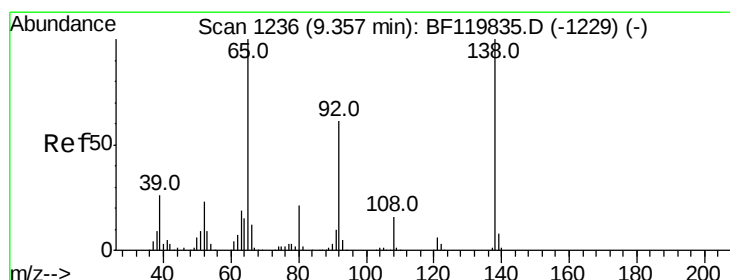
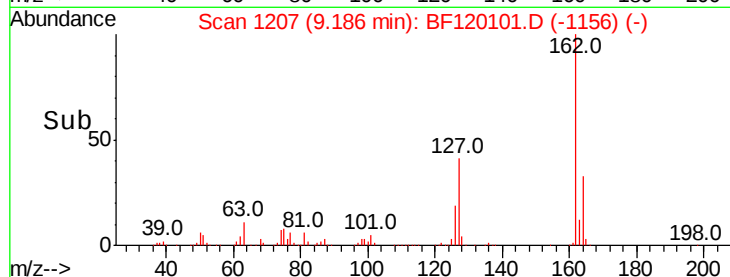
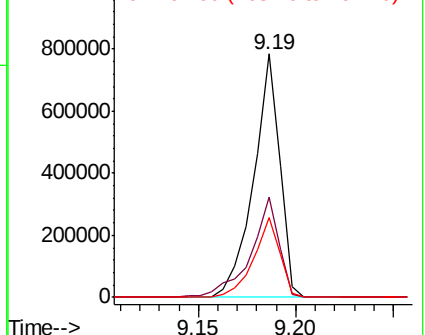
162 100

127 41.1 31.2 46.8

164 32.6 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: 47.202 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

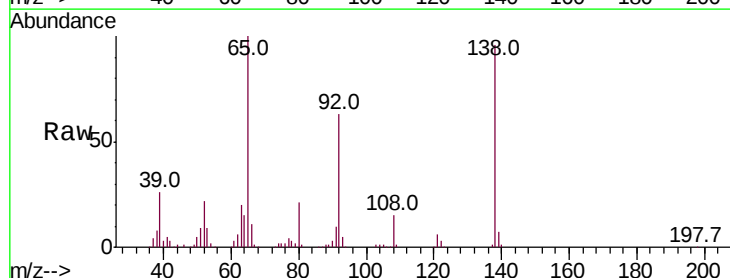
Tgt Ion: 65 Resp: 261990

Ion Ratio Lower Upper

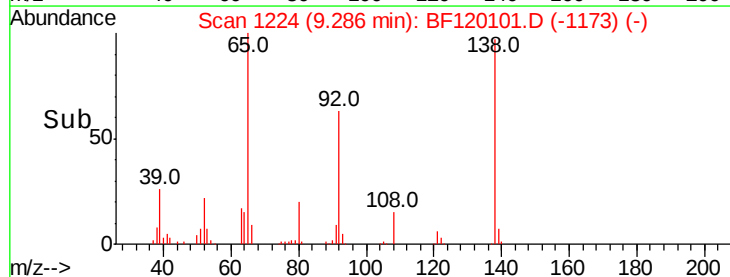
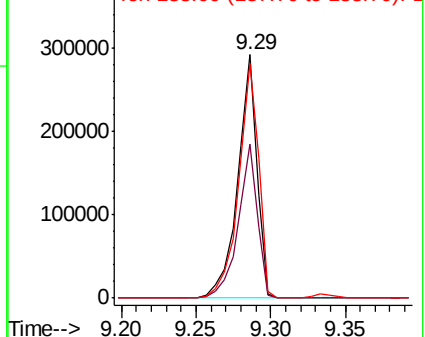
65 100

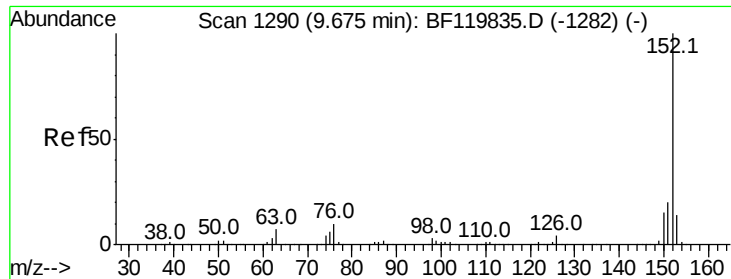
92 63.2 49.0 73.6

138 96.4 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: 49.393 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

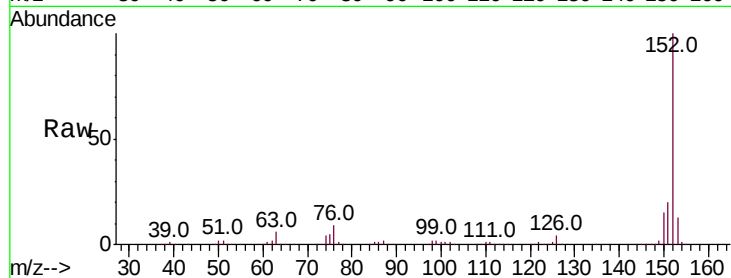
Tot Ion:152 Resp: 1150507

Ion Ratio Lower Upper

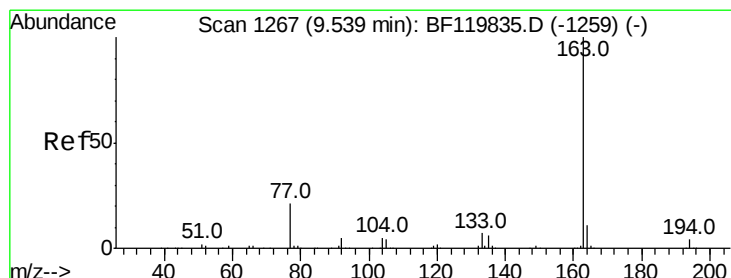
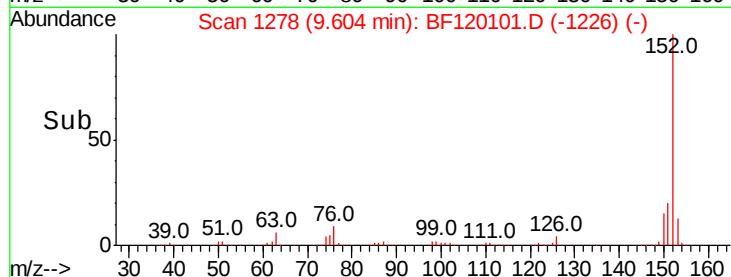
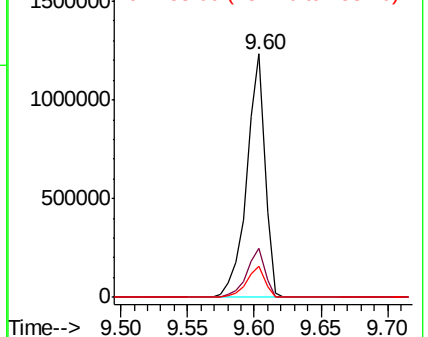
152 100

151 20.1 16.2 24.4

153 12.9 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: 45.996 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

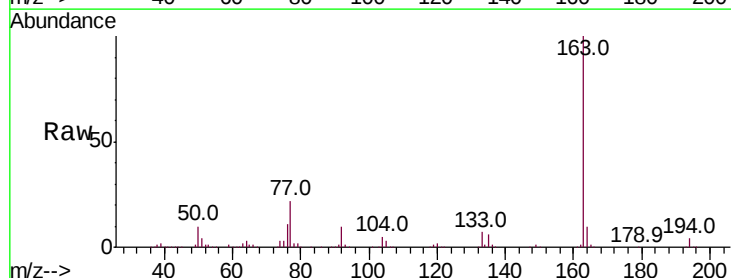
Tgt Ion:163 Resp: 838035

Ion Ratio Lower Upper

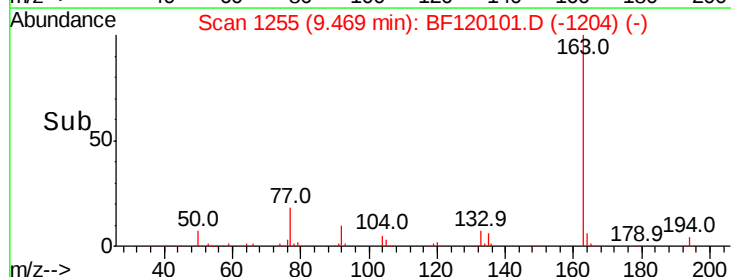
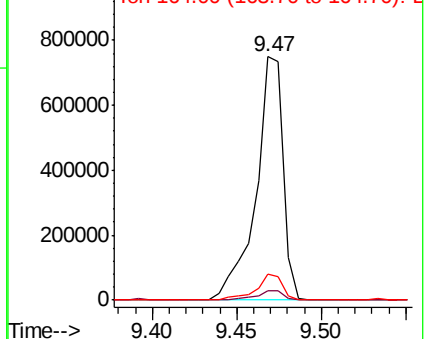
163 100

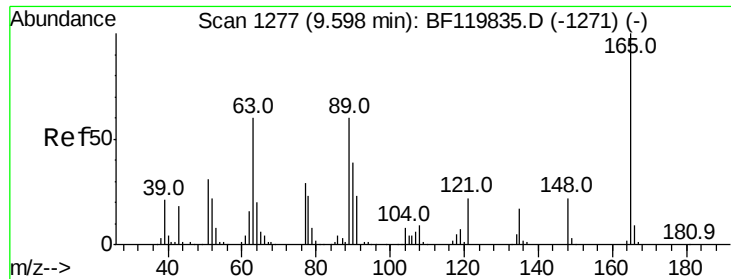
194 3.6 3.0 4.4

164 10.4 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

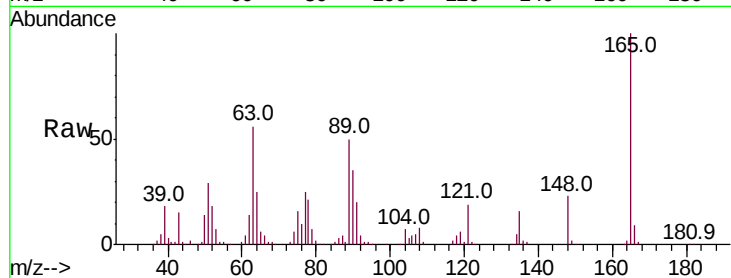




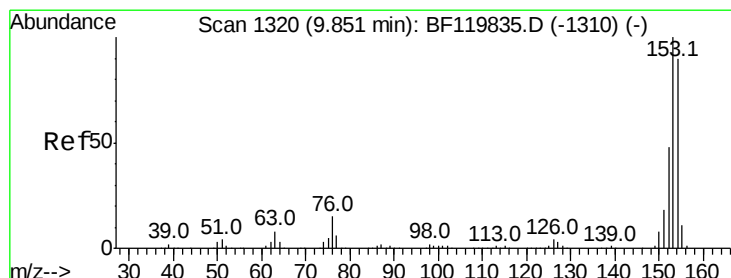
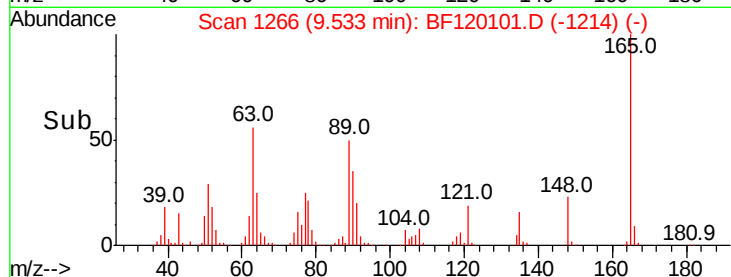
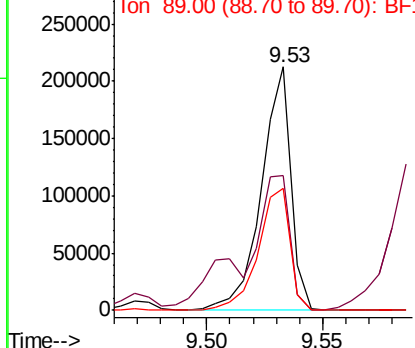
#51
 2,6-Dinitrotoluene
 Concen: 47.459 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion:165 Resp: 189355
 Ion Ratio Lower Upper
 165 100
 63 55.5 55.6 83.4#
 89 50.4 47.9 71.9

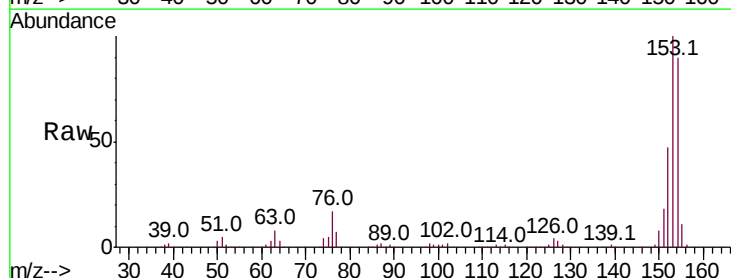


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

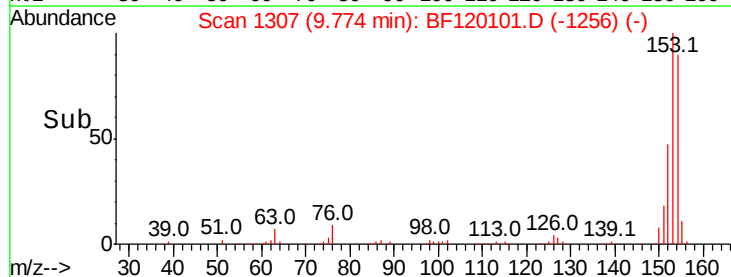
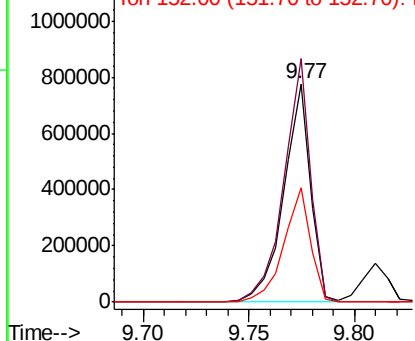


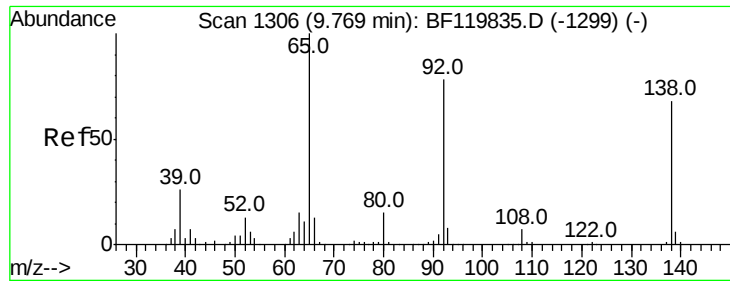
#52
 Acenaphthene
 Concen: 44.377 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:154 Resp: 689535
 Ion Ratio Lower Upper
 154 100
 153 111.4 88.8 133.2
 152 52.6 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

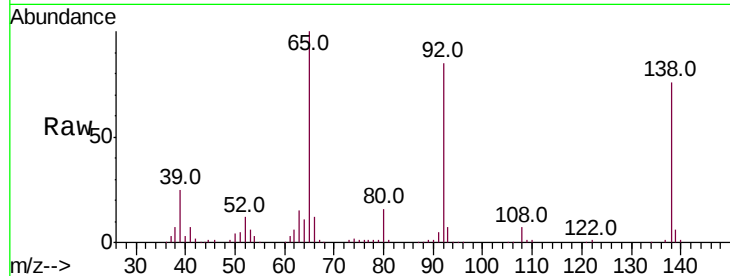




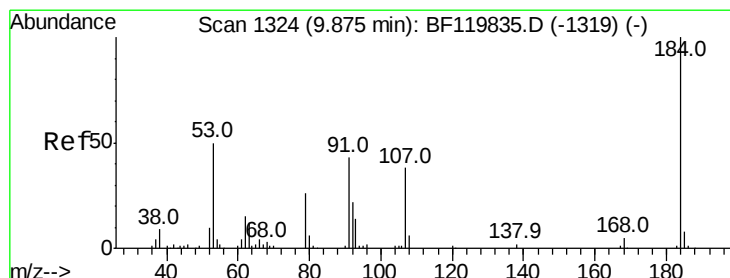
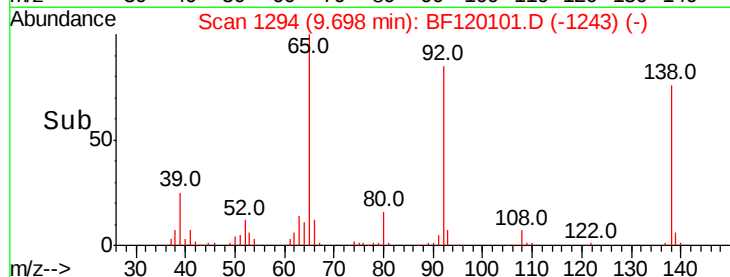
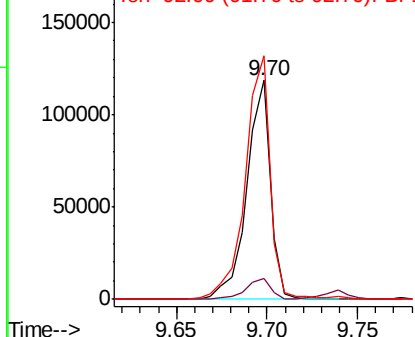
#53
 3-Nitroaniline
 Concen: 23.651 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion:138 Resp: 107771
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.0 12.0
 92 111.2 92.1 138.1

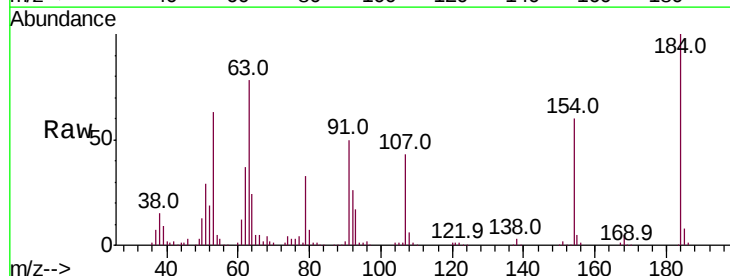


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

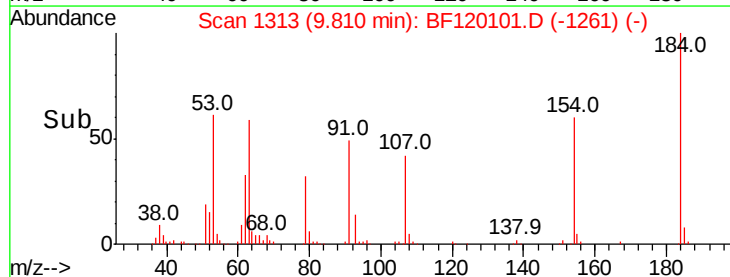
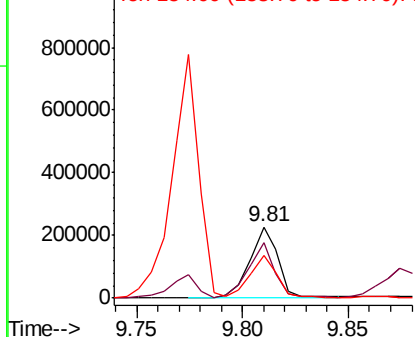


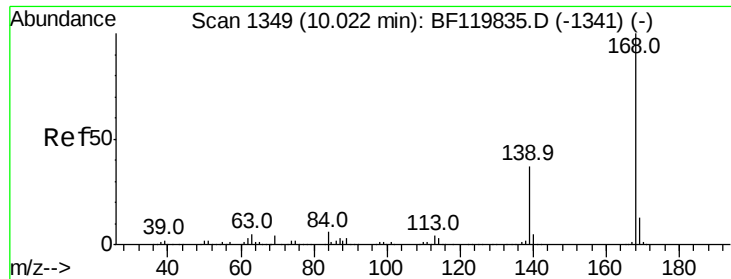
#54
 2,4-Dinitrophenol
 Concen: 89.826 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:184 Resp: 214568
 Ion Ratio Lower Upper
 184 100
 63 77.7 49.8 74.6#
 154 60.0 46.5 69.7



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

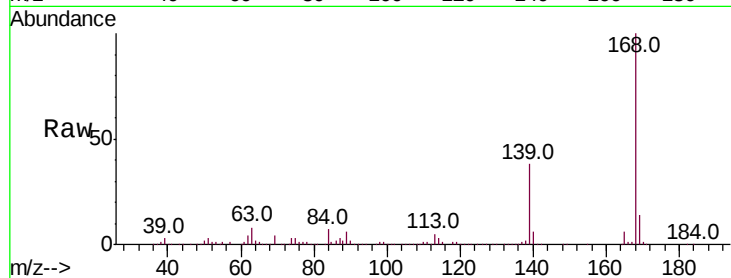




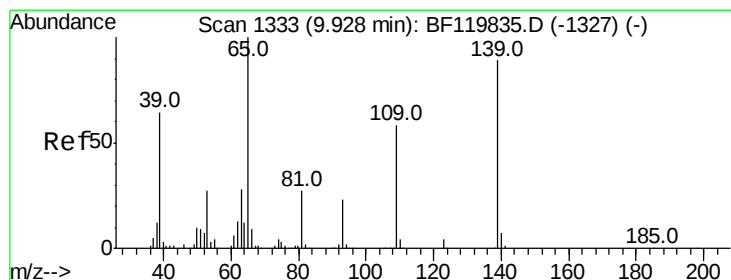
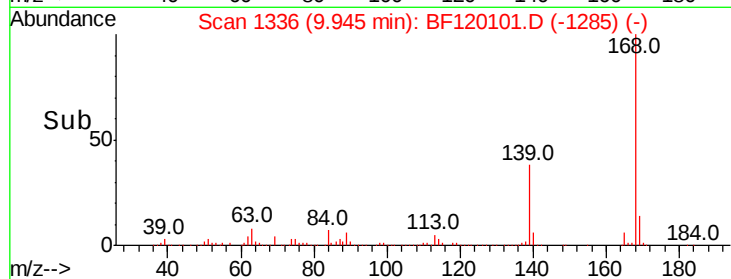
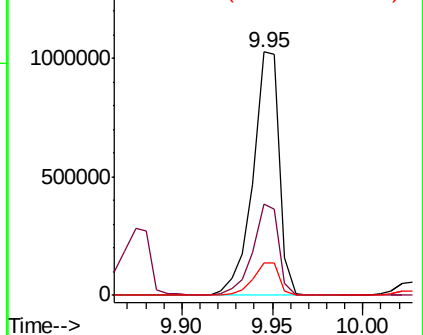
#55
Dibenzofuran
Concen: 48.844 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:168 Resp: 1041454
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.5 10.6 15.8

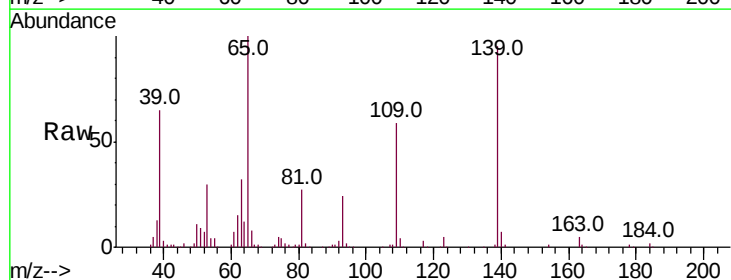


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

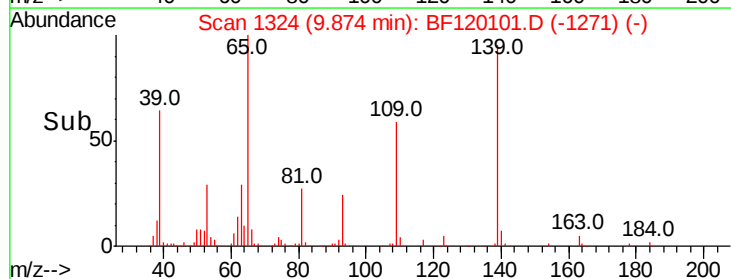
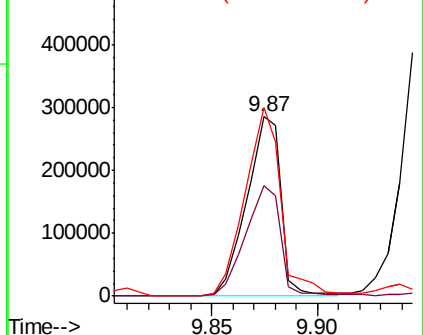


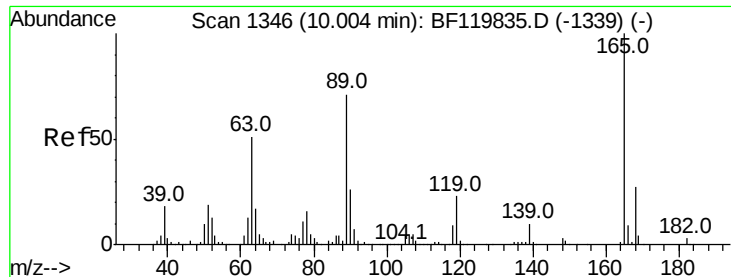
#56
4-Nitrophenol
Concen: 95.301 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:139 Resp: 323114
Ion Ratio Lower Upper
139 100
109 61.6 45.5 85.5
65 105.2 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

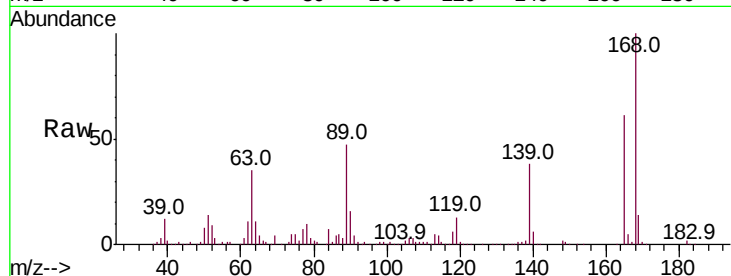




#57
2,4-Dinitrotoluene
Concen: 48.317 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	40.8	61.2
89	75.8	56.9	85.3
182	2.7	2.0	3.0



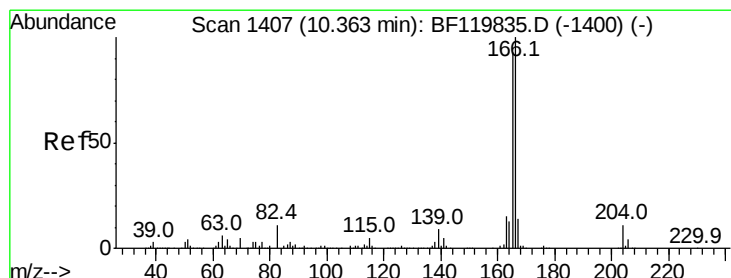
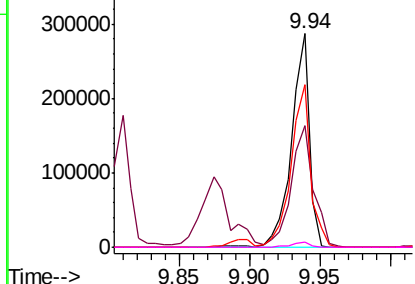
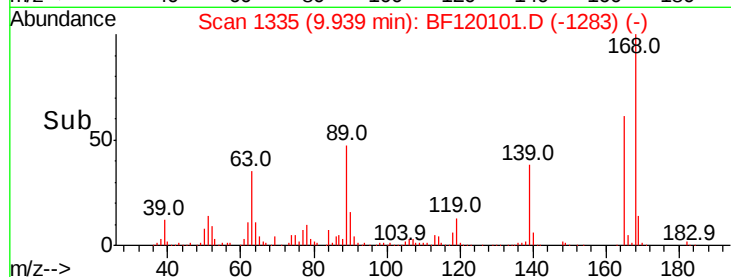
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

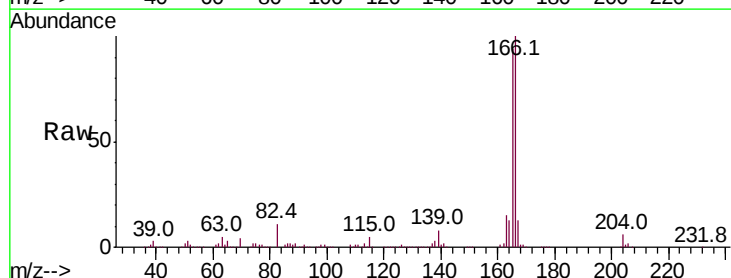
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.513 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.2	111.2
167	13.5	10.8	16.2

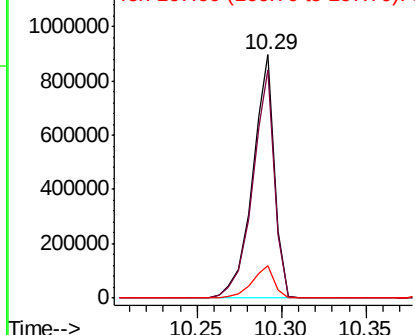
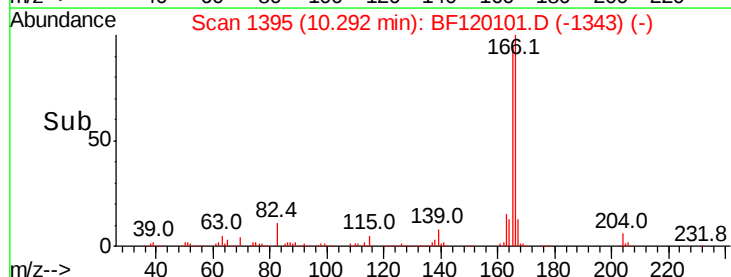


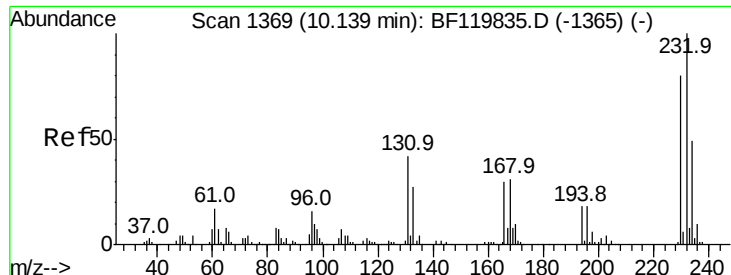
Abundance

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

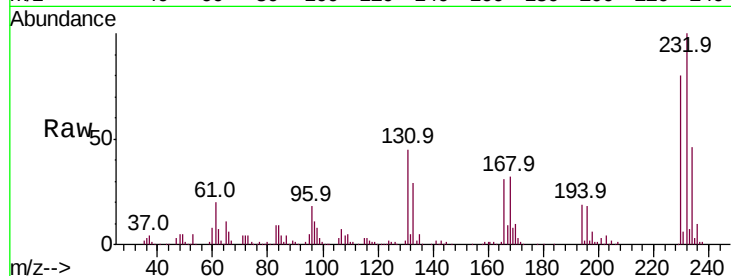




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.141 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.9	56.9
130	2.2	1.8	2.6
166	31.4	25.4	38.0



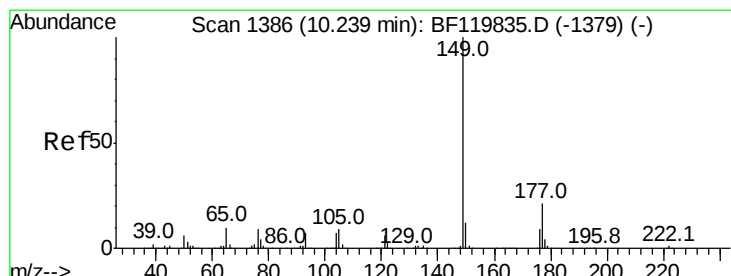
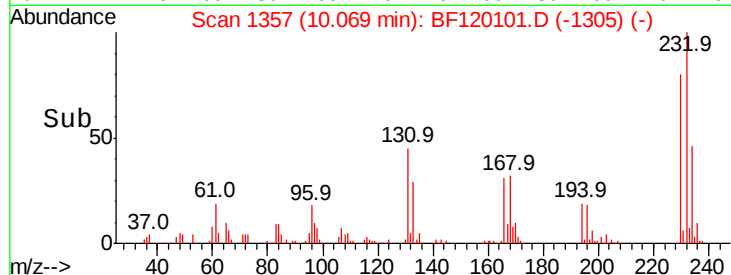
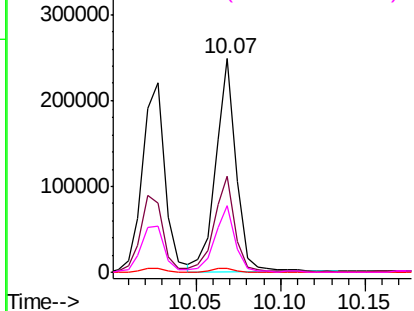
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

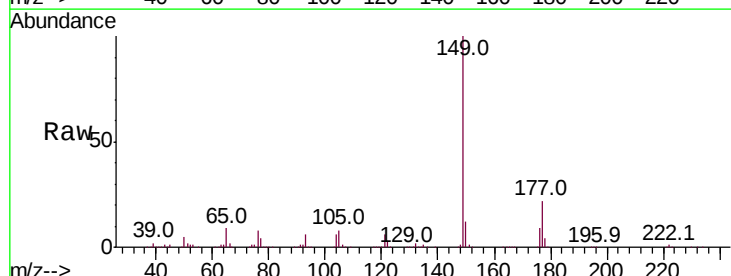
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.907 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.8	25.2
150	11.9	9.8	14.6

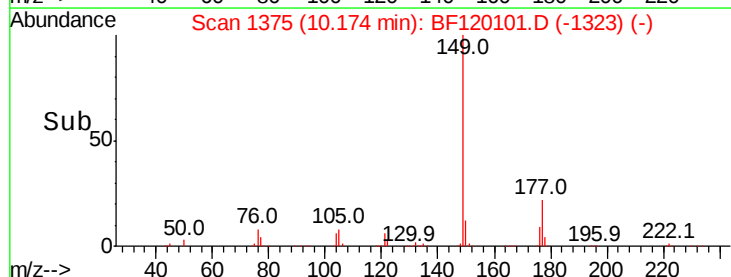
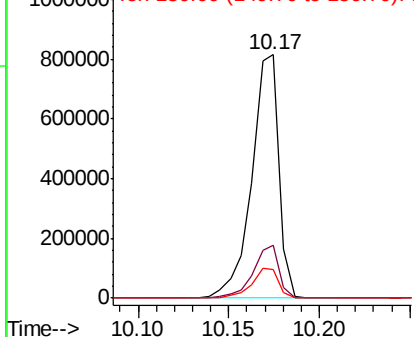


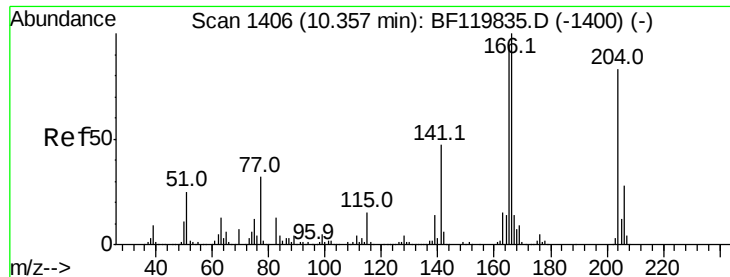
Abundance

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

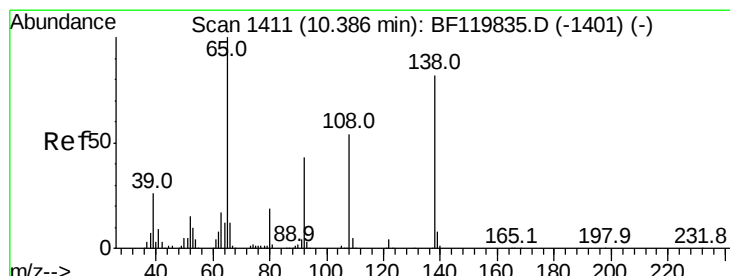
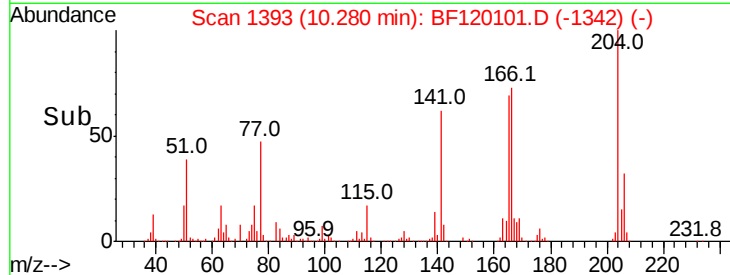
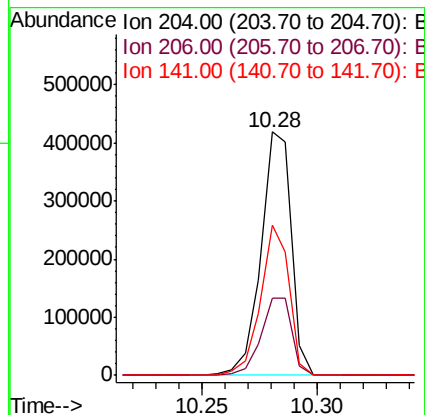
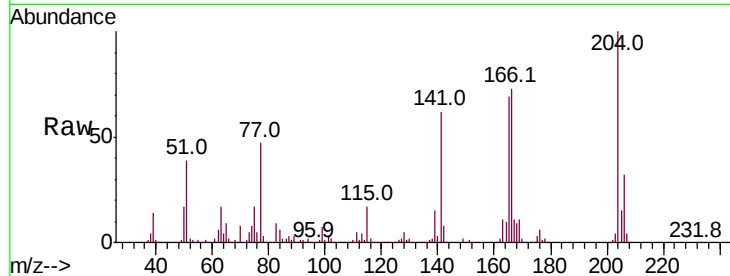




#61
 4-Chlorophenyl-phenylether
 Concen: 43.789 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

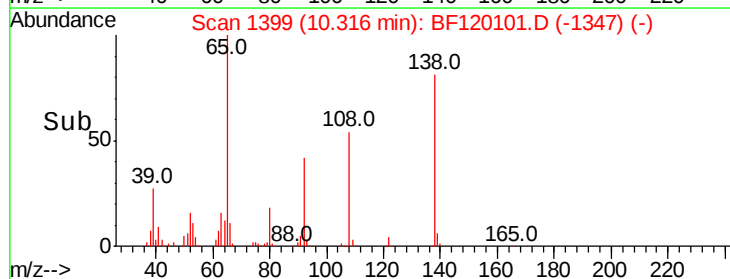
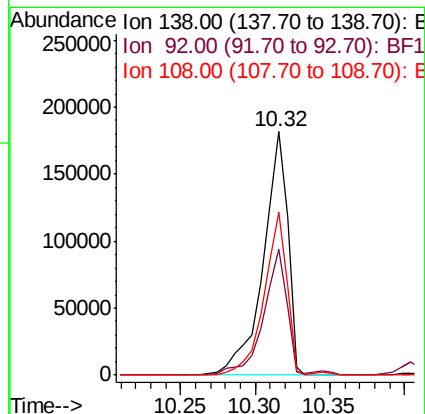
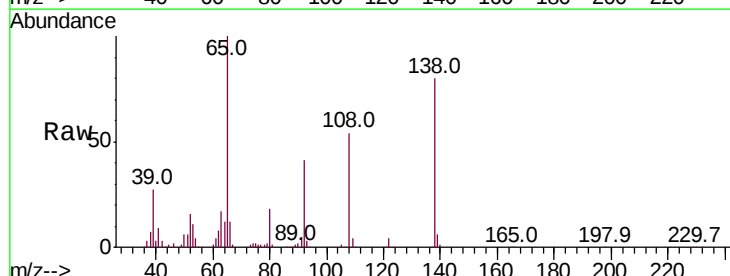
Instrument :
 BNA_F
 ClientSampleID :
 PB128243BSD

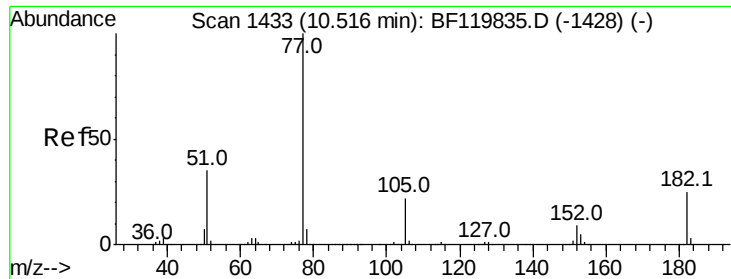
Tot Ion:	204	Resp:	382715
Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.7	40.1
141	61.6	45.8	68.8



#62
 4-Nitroaniline
 Concen: 47.357 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:	138	Resp:	205654
Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.6	71.6
108	66.9	45.2	85.2

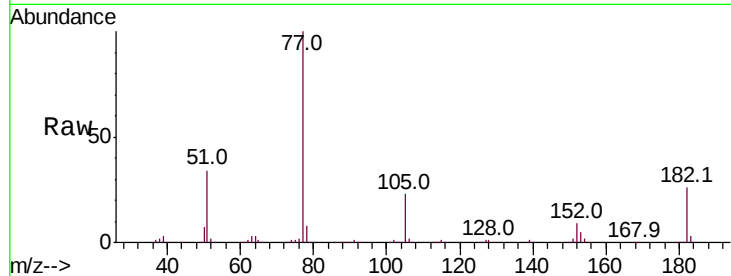




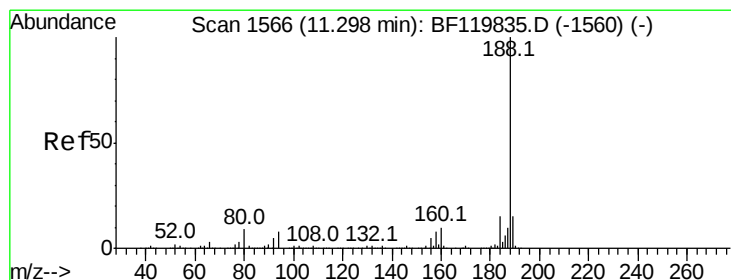
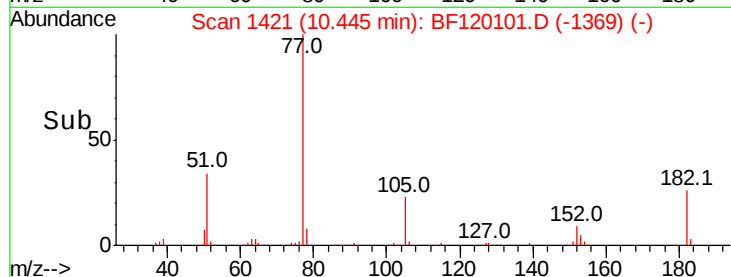
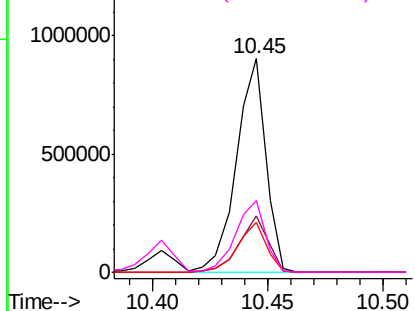
#63
Azobenzene
Concen: 47.571 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion: 77 Resp: 805052
Ion Ratio Lower Upper
77 100
182 26.2 4.5 44.5
105 23.4 2.2 42.2
51 33.6 15.1 55.1

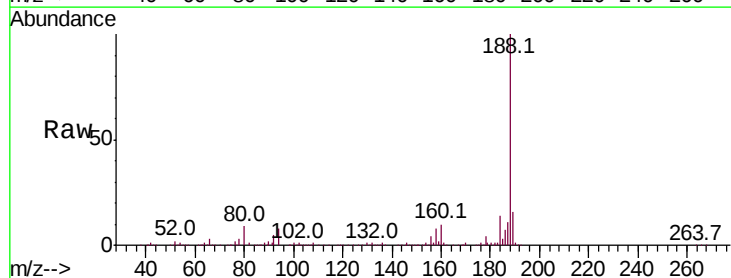


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

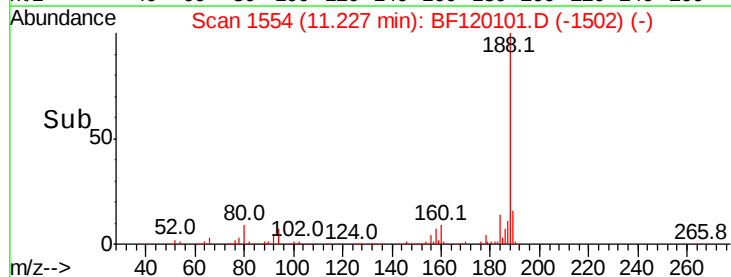
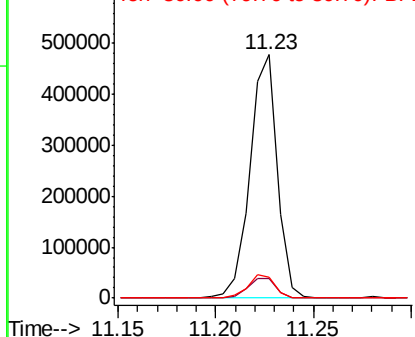


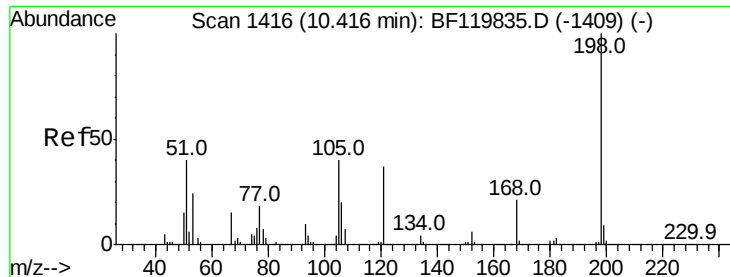
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion: 188 Resp: 463152
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.6 7.4 11.2



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

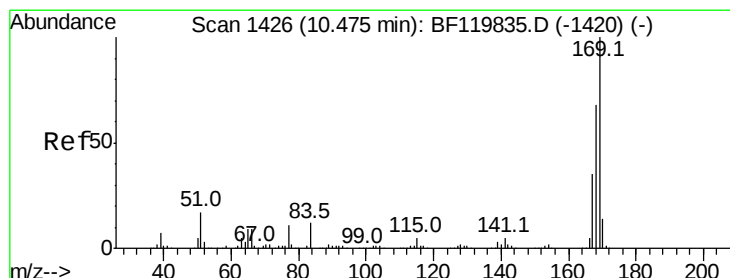
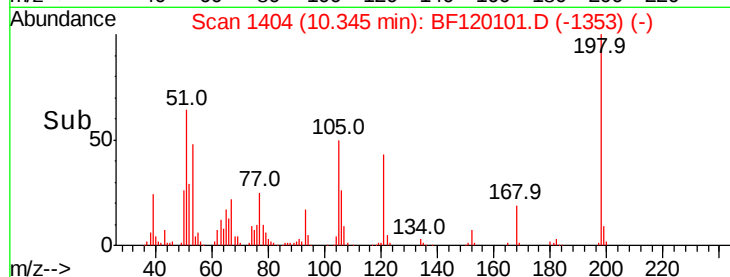
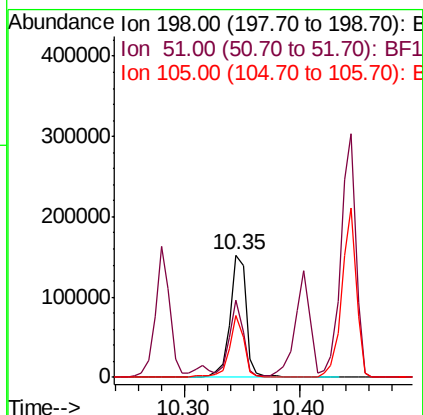
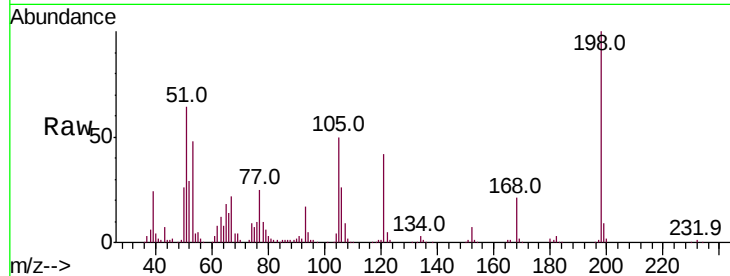




#65
4,6-Dinitro-2-methylphenol
Concen: 48.655 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

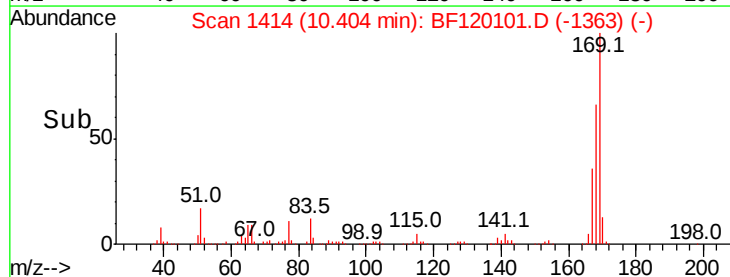
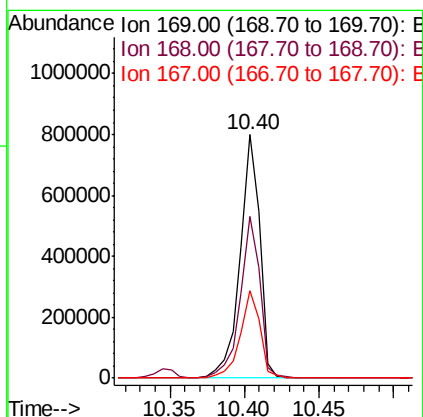
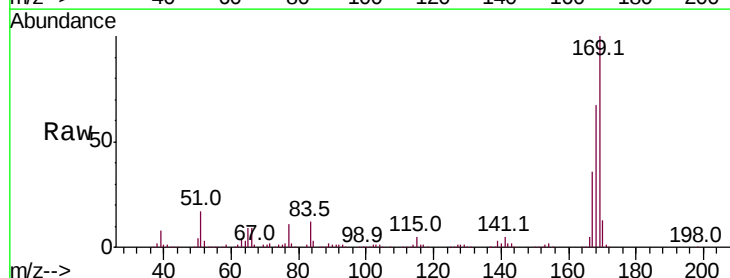
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

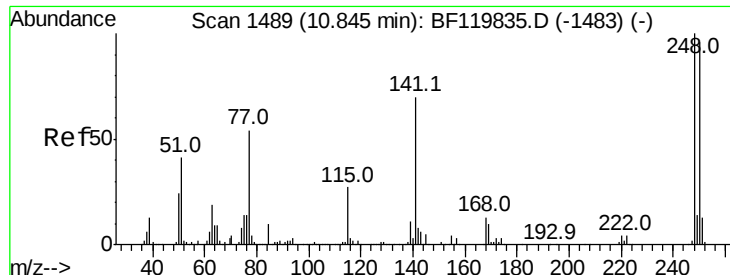
Tot Ion:198 Resp: 148459
Ion Ratio Lower Upper
198 100
51 63.5 25.2 65.2
105 50.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.585 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:169 Resp: 732961
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 35.9 28.3 42.5

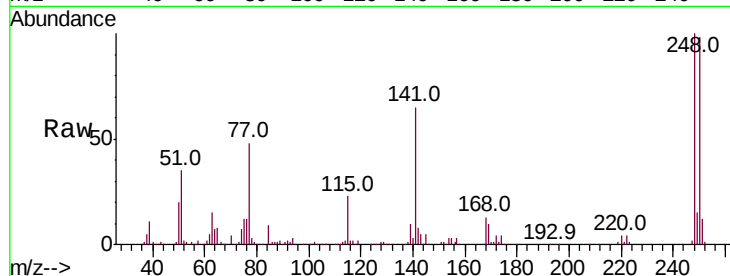




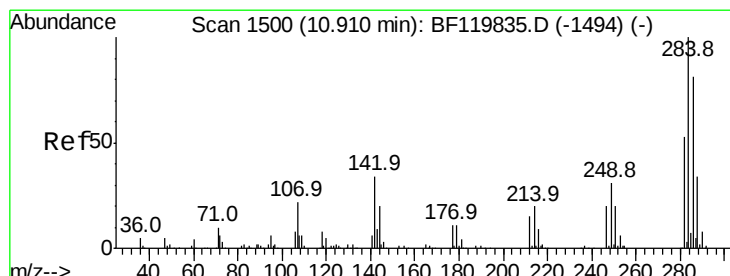
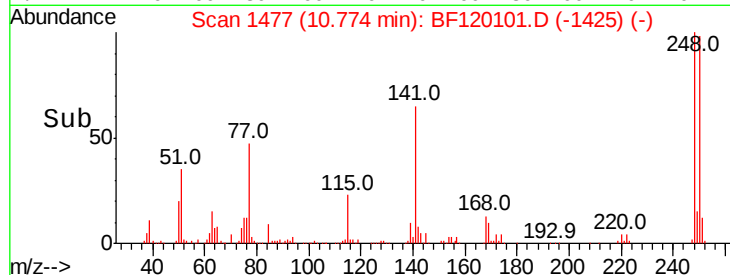
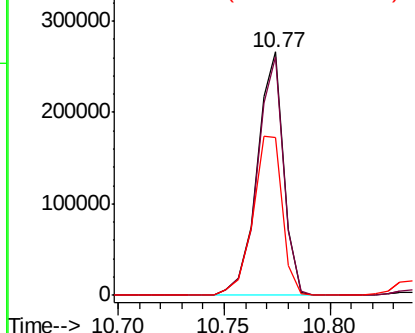
#67
4-Bromophenyl-phenylether
Concen: 40.282 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:248 Resp: 232013
Ion Ratio Lower Upper
248 100
250 98.1 76.6 114.8
141 64.6 55.9 83.9

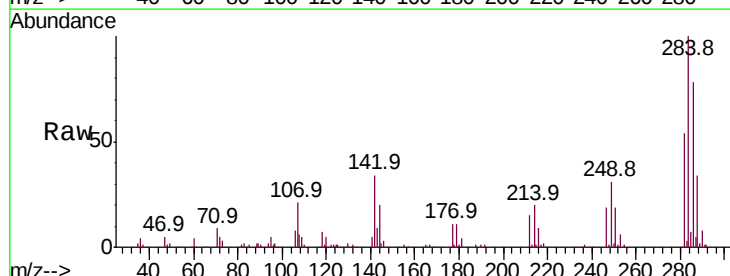


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

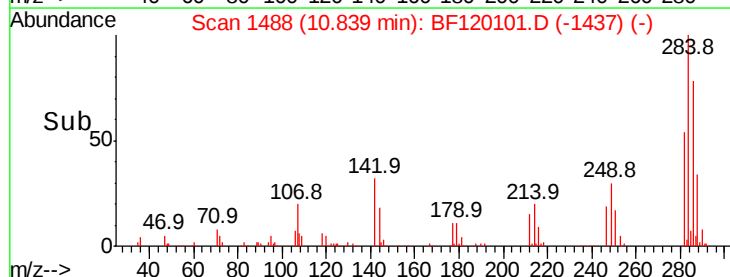
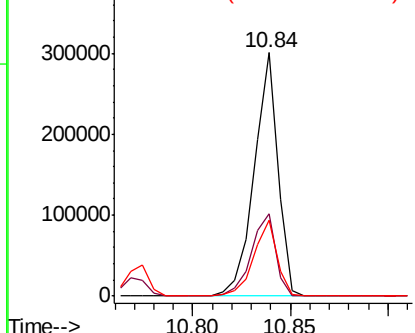


#68
Hexachlorobenzene
Concen: 43.260 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:284 Resp: 252773
Ion Ratio Lower Upper
284 100
142 33.7 26.9 40.3
249 31.1 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

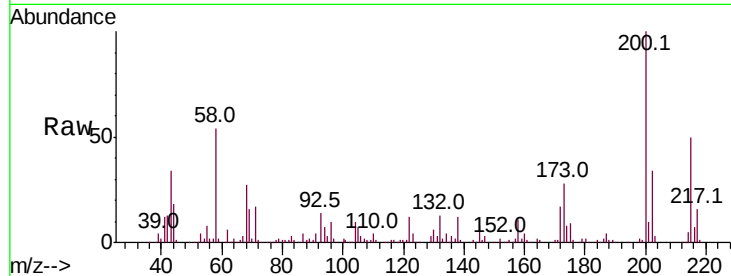




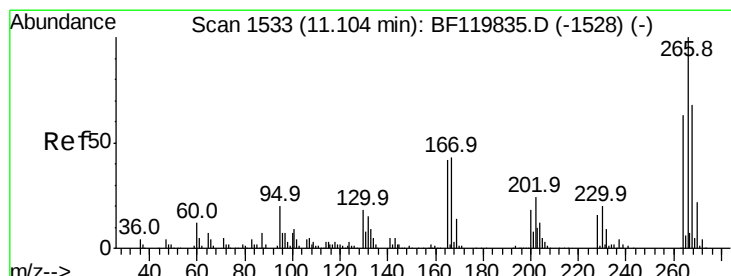
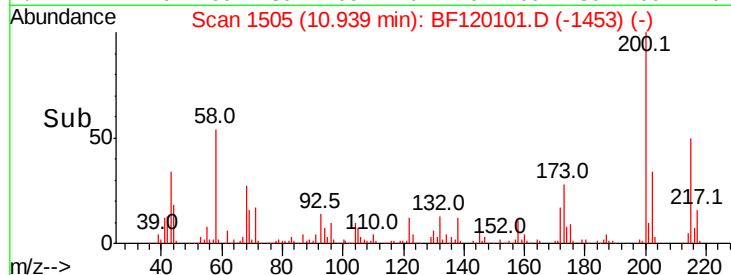
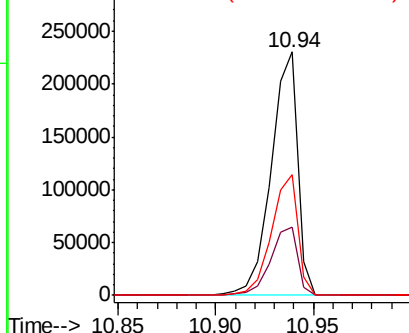
#69
Atrazine
Concen: 50.555 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:200 Resp: 216658
Ion Ratio Lower Upper
200 100
173 28.1 8.0 48.0
215 49.7 27.1 67.1

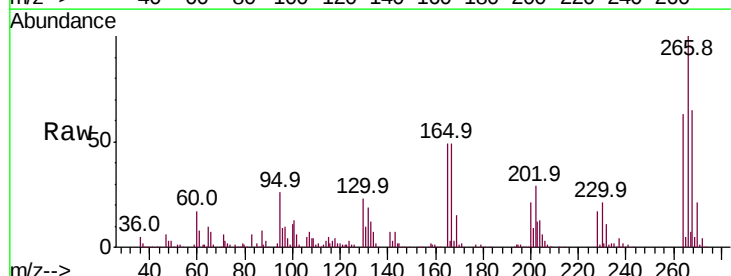


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

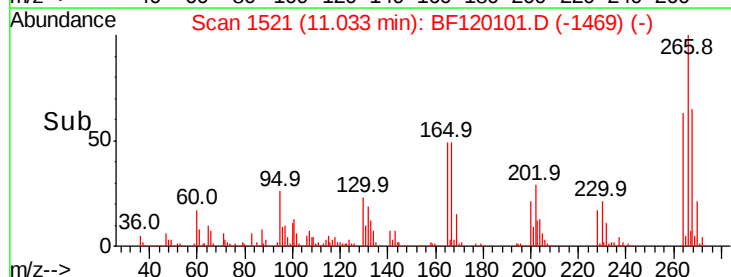
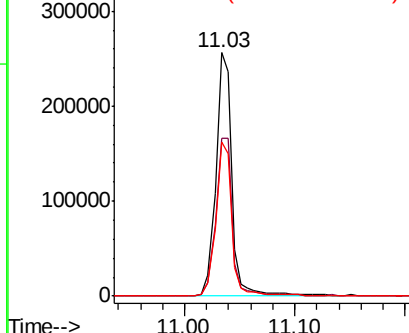


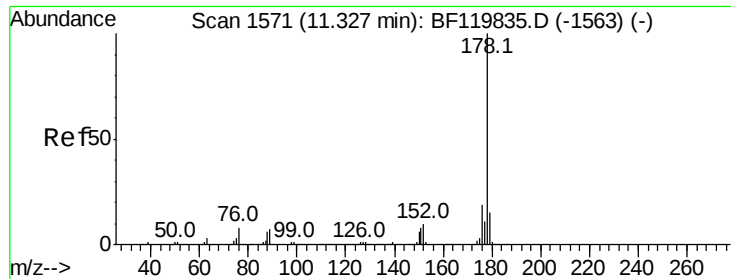
#70
Pentachlorophenol
Concen: 76.285 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:266 Resp: 256870
Ion Ratio Lower Upper
266 100
268 65.0 54.2 81.4
264 63.2 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.363 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

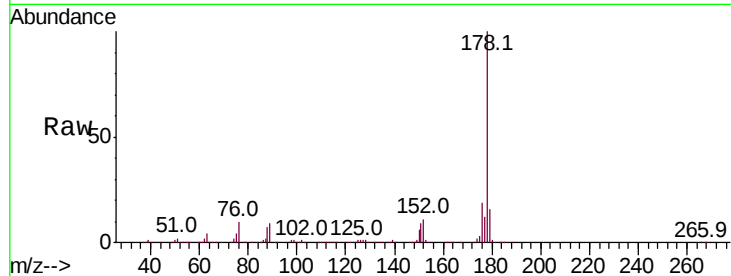
Tot Ion:178 Resp: 1167478

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

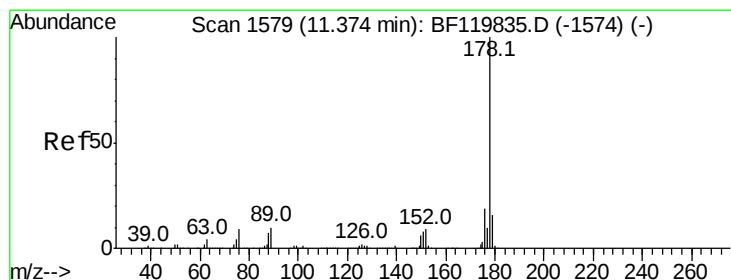
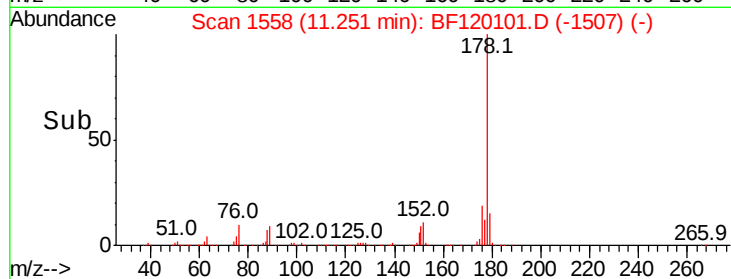
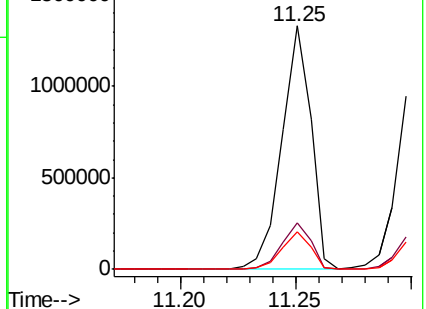
179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.792 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

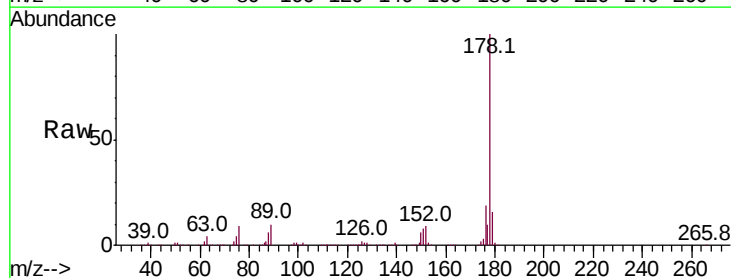
Tgt Ion:178 Resp: 1203450

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

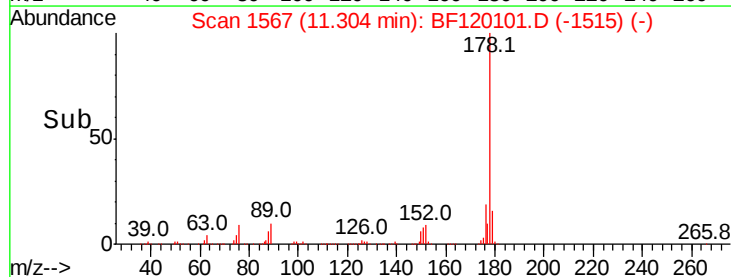
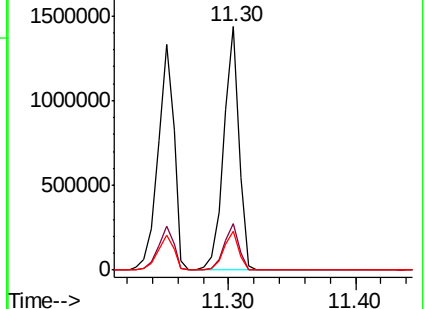
179 15.9 12.8 19.2

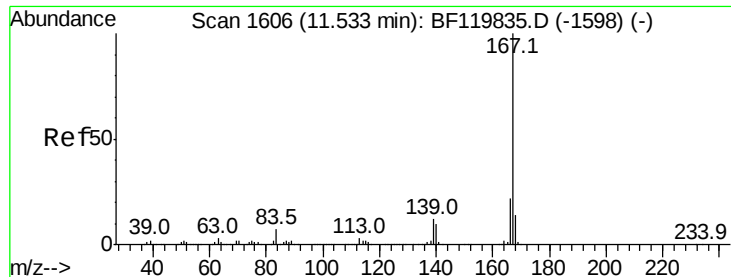


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

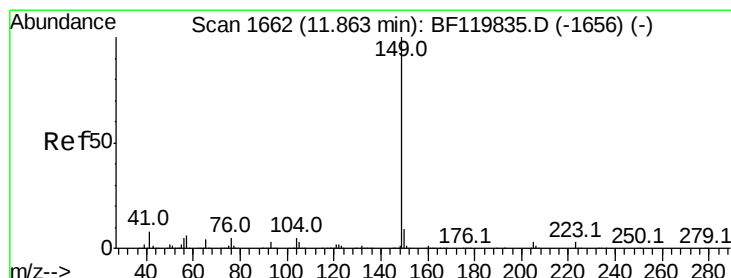
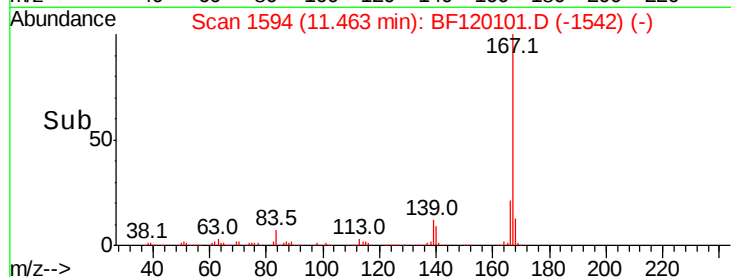
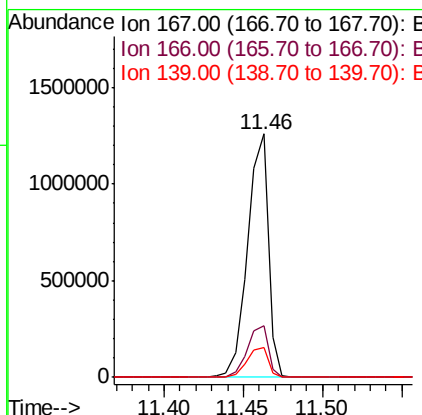
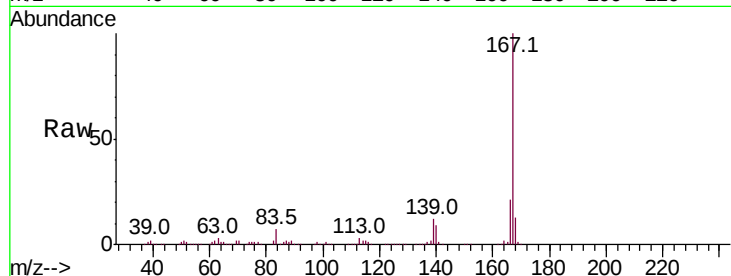




#73
 Carbazole
 Concen: 47.890 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

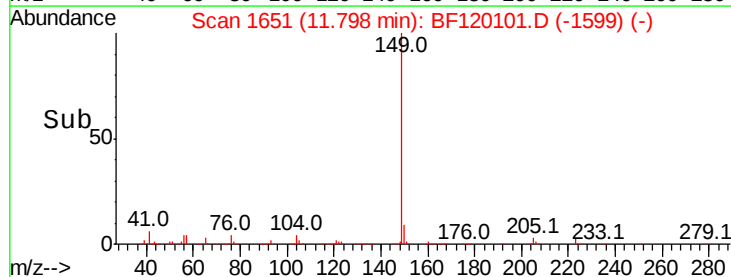
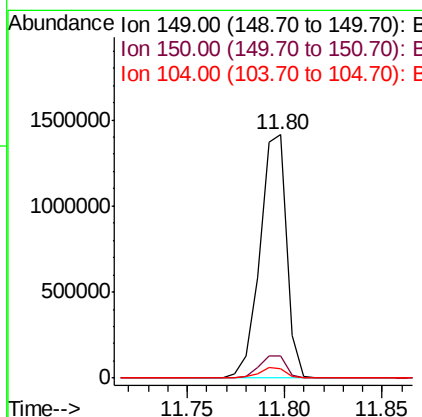
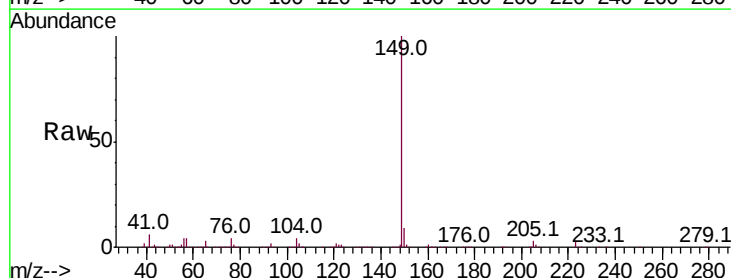
Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

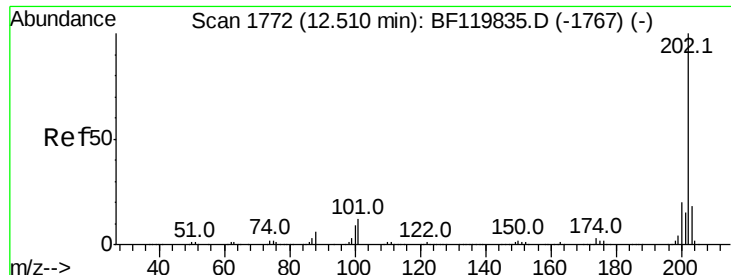
Tot Ion:167 Resp: 1140405
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.1 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 42.574 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:149 Resp: 1332755
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 4.1 3.8 5.6

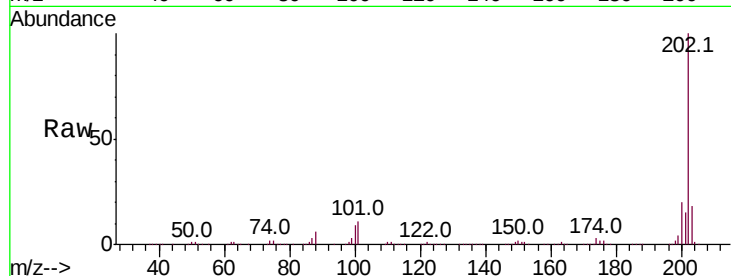




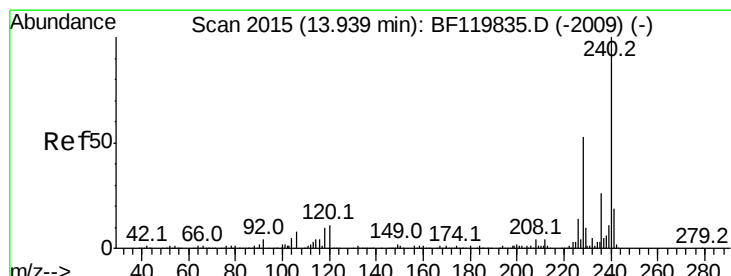
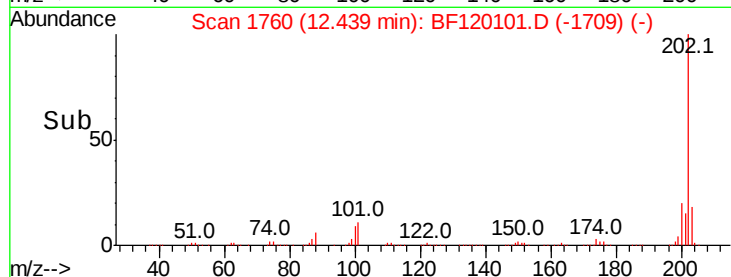
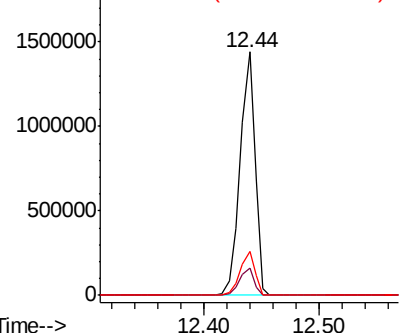
#75
 Fluoranthene
 Concen: 49.110 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion:202 Resp: 1306144
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.3
 203 17.9 0.0 37.6

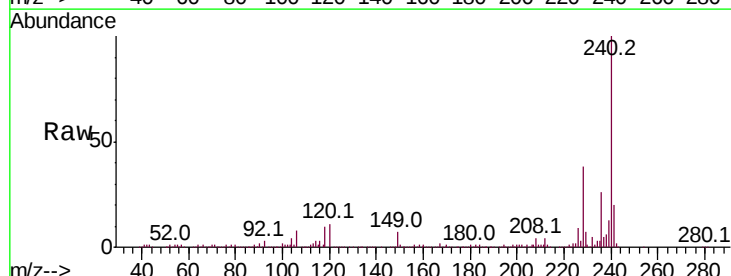


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

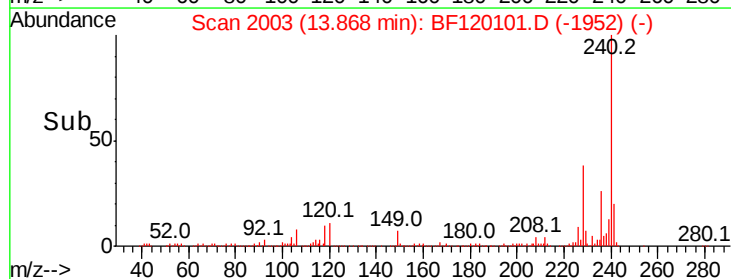
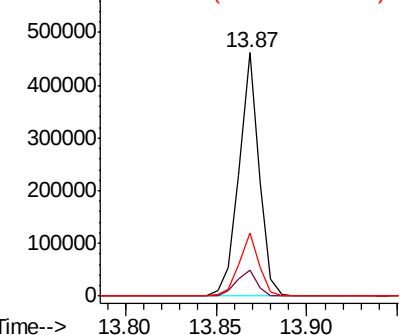


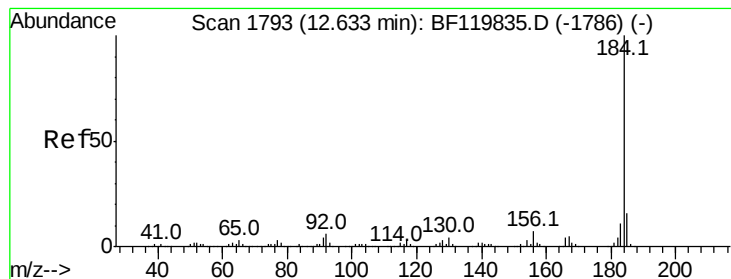
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:240 Resp: 356871
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.0 13.6
 236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.546 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

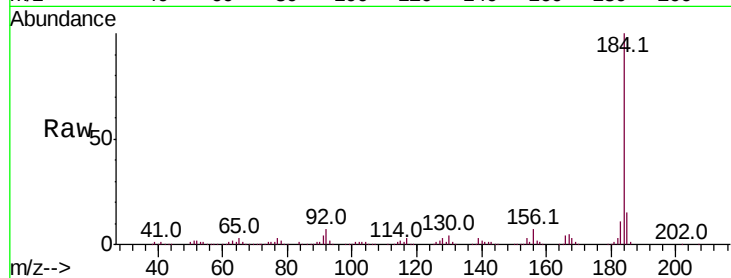
Tot Ion:184 Resp: 501185

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

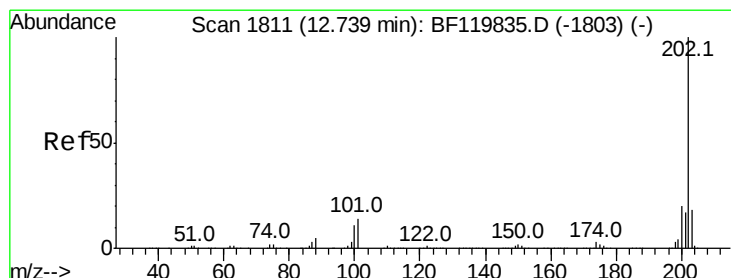
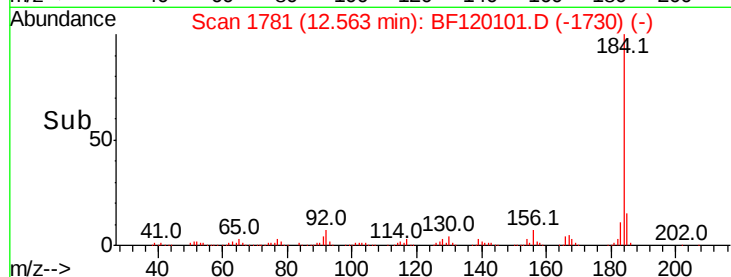
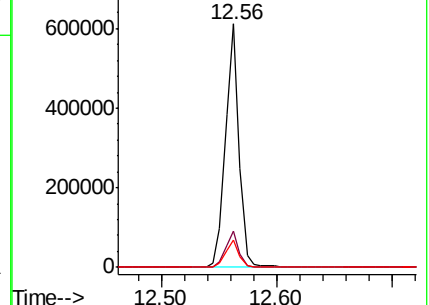
183 11.2 9.1 13.7



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: 43.657 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

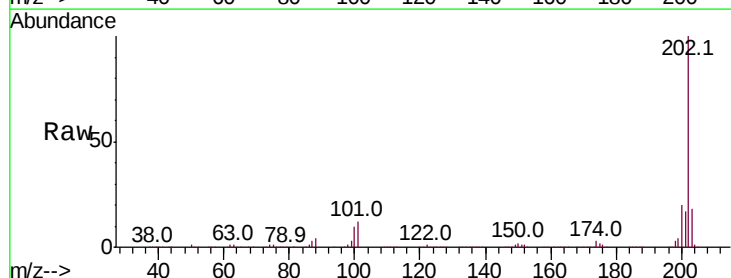
Tgt Ion:202 Resp: 1313403

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

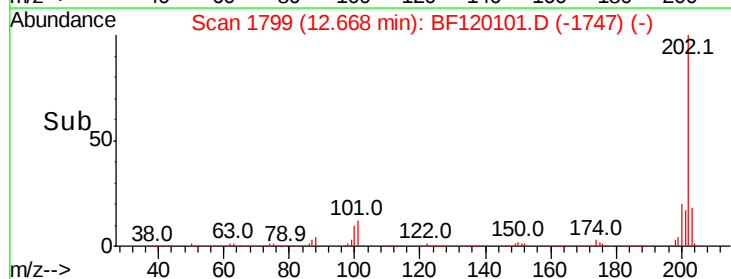
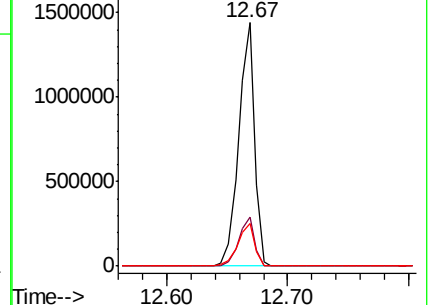
203 17.8 14.1 21.1

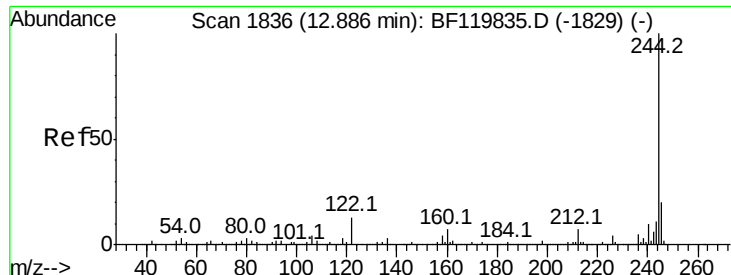


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.053 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

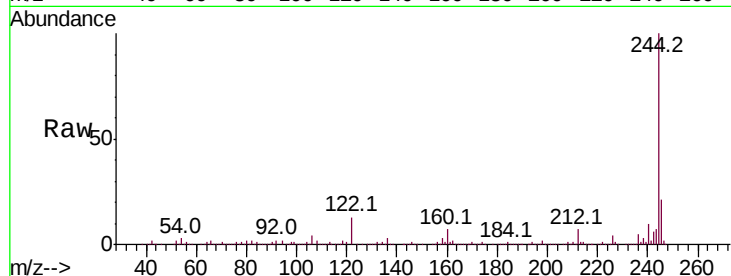
Tot Ion:244 Resp: 1676631

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

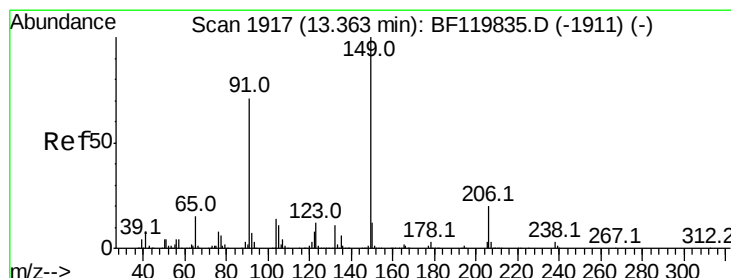
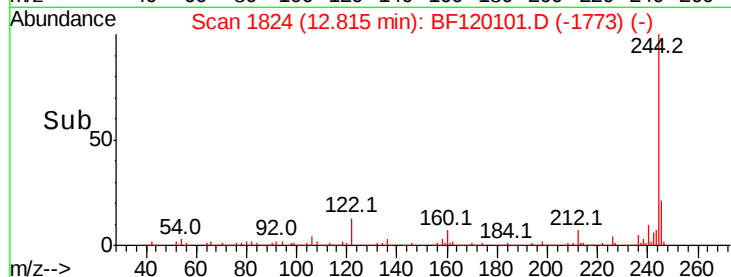
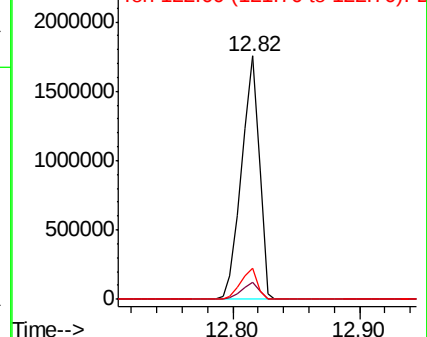
122 12.8 10.3 15.5



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: 38.419 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

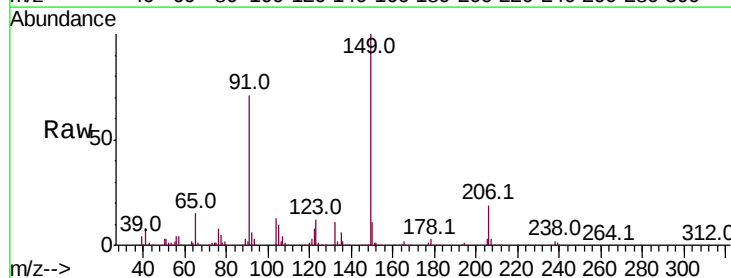
Tgt Ion:149 Resp: 560854

Ion Ratio Lower Upper

149 100

91 71.4 56.7 85.1

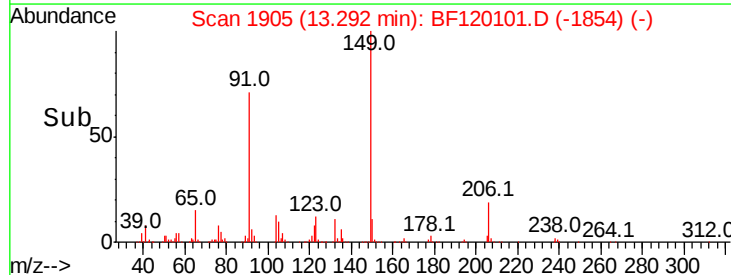
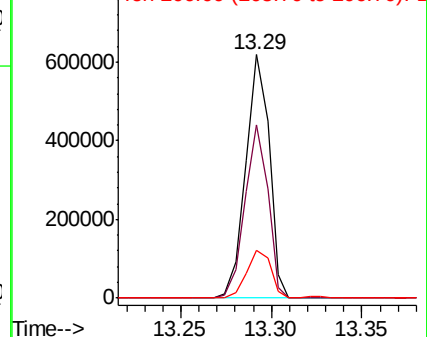
206 19.4 15.7 23.5



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: 46.833 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

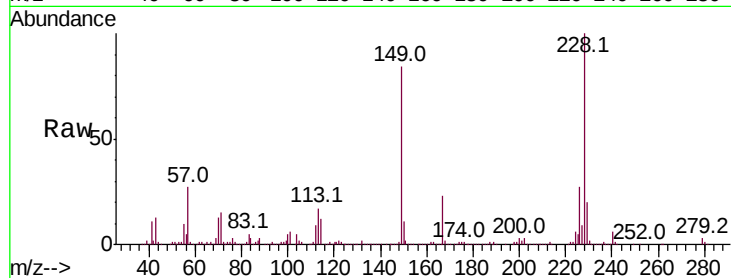
Tot Ion:228 Resp: 1099501

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

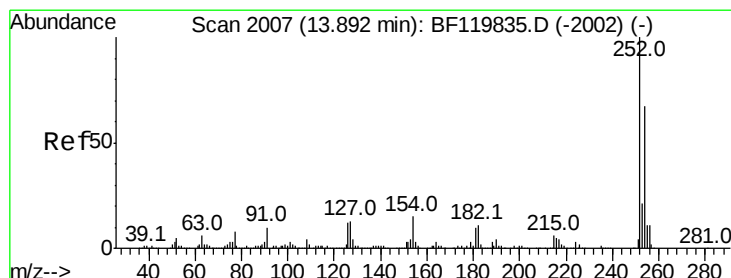
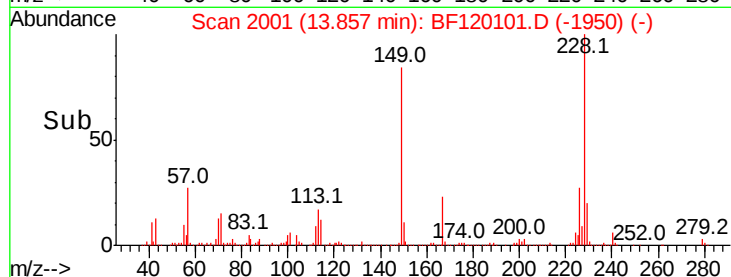
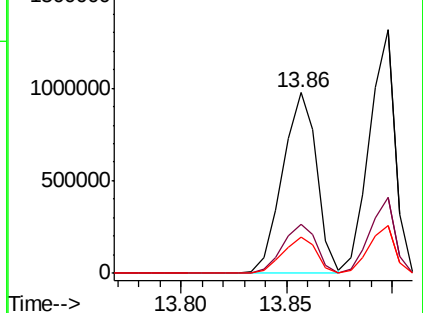
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.491 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

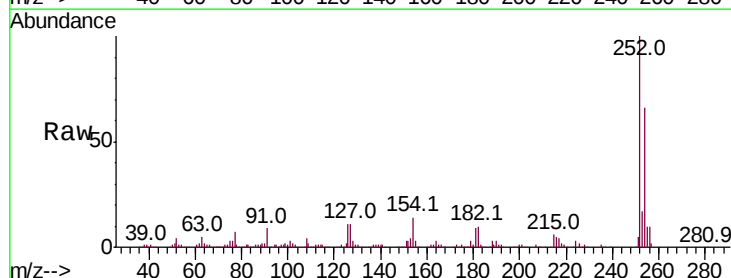
Tgt Ion:252 Resp: 232061

Ion Ratio Lower Upper

252 100

254 66.2 53.9 80.9

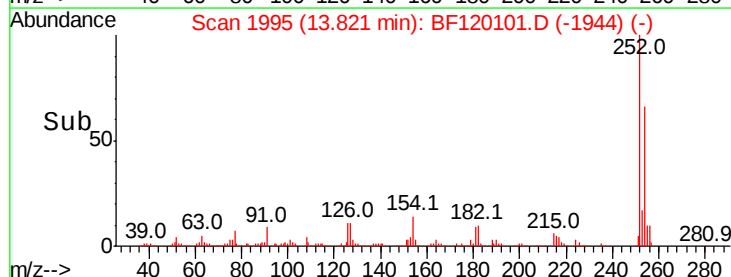
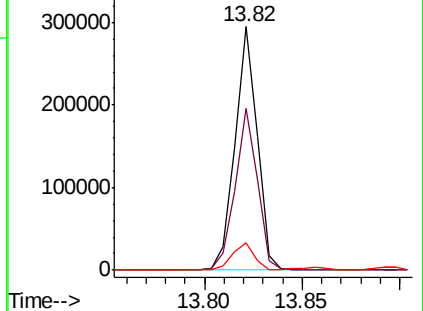
126 11.0 9.7 14.5

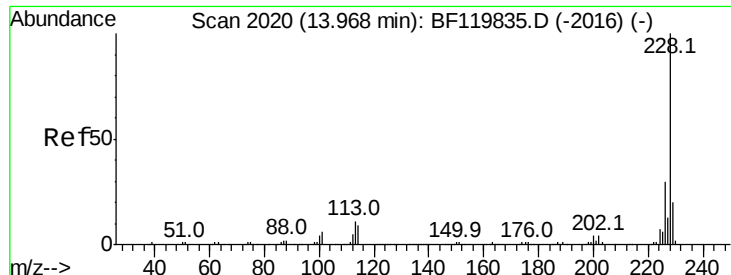


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.806 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

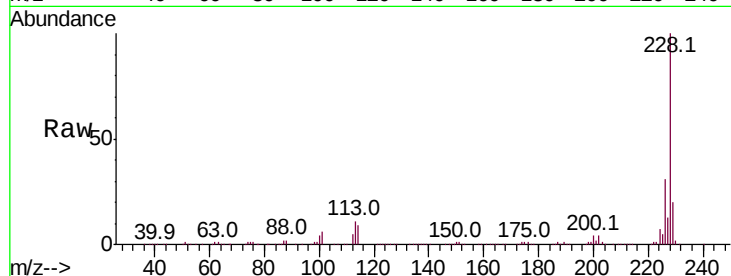
Tot Ion:228 Resp: 1116564

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

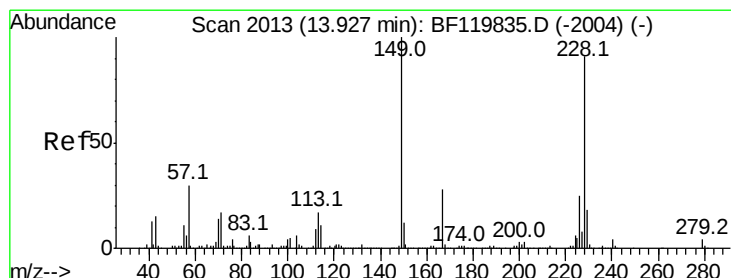
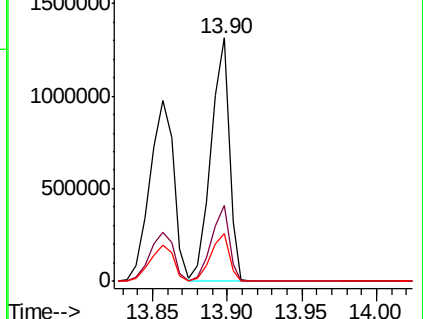
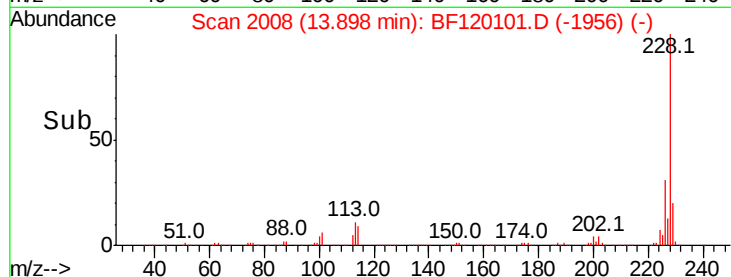
229 19.8 15.9 23.9



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: 36.442 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

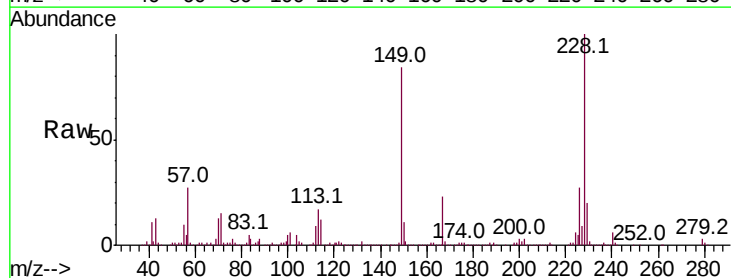
Tgt Ion:149 Resp: 720429

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

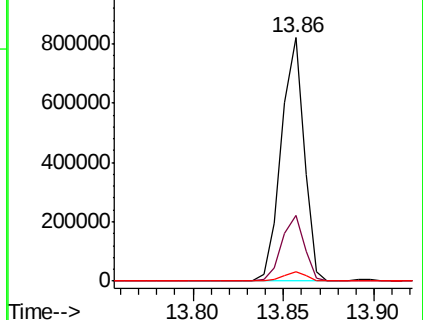
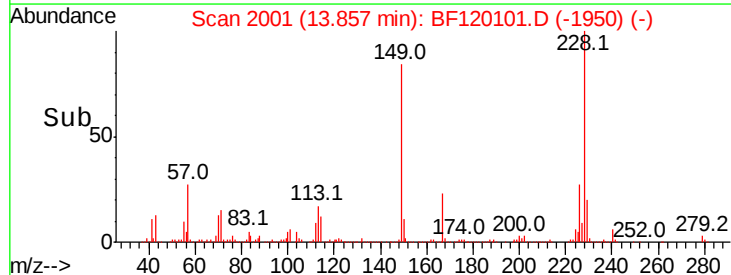
279 3.7 3.4 5.0

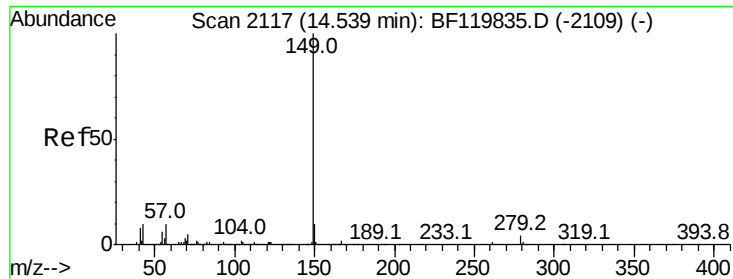


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

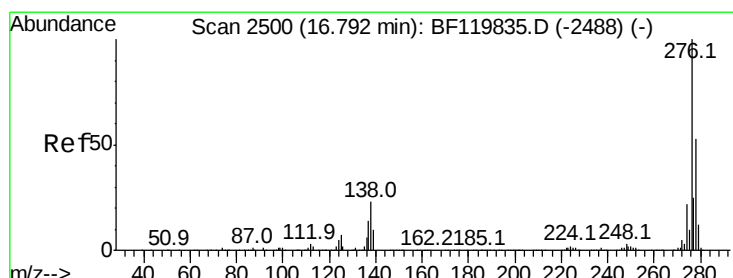
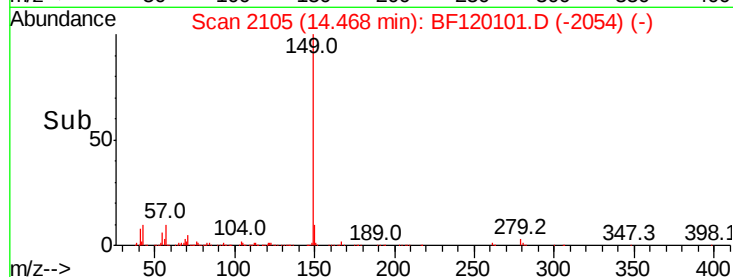
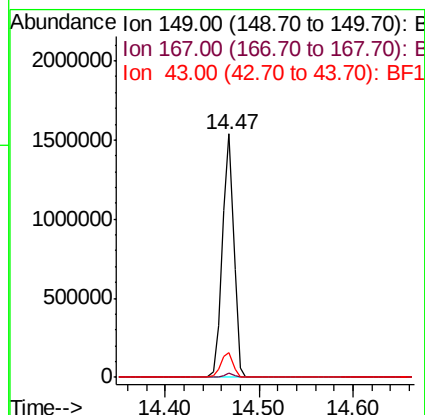
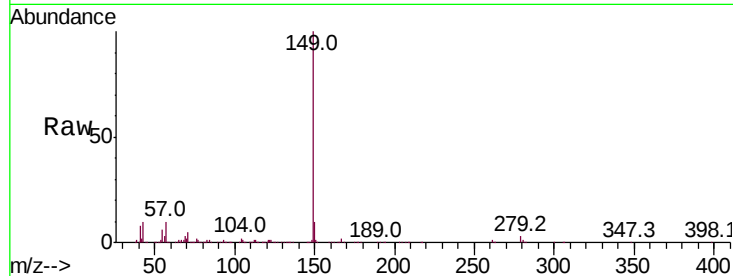




#85
Di-n-octyl phthalate
Concen: 39.035 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

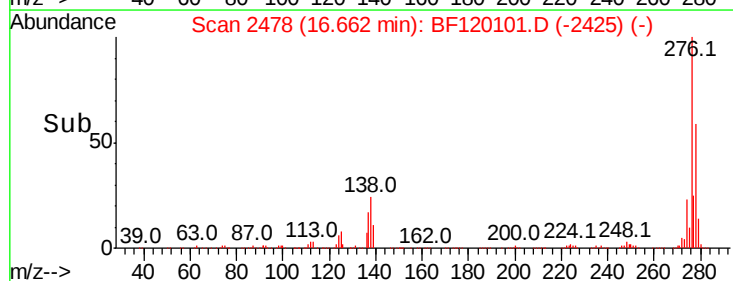
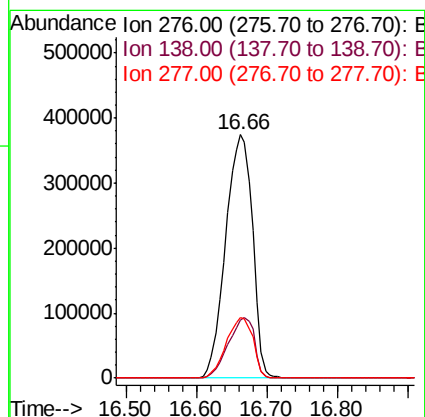
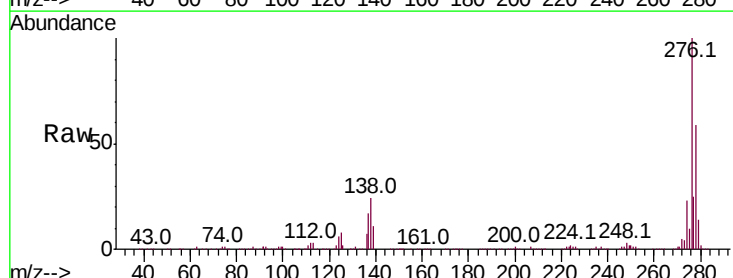
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

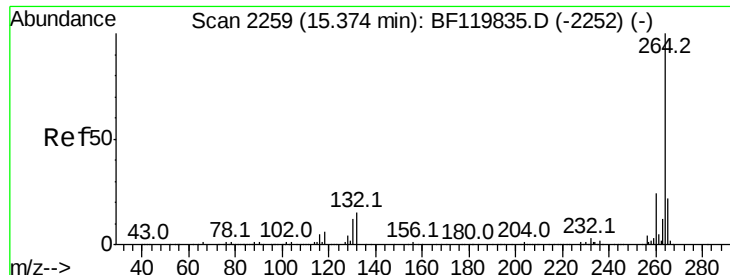
Tot Ion:149 Resp: 1313911
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.923 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:276 Resp: 986698
Ion Ratio Lower Upper
276 100
138 24.3 18.0 27.0
277 24.8 20.1 30.1

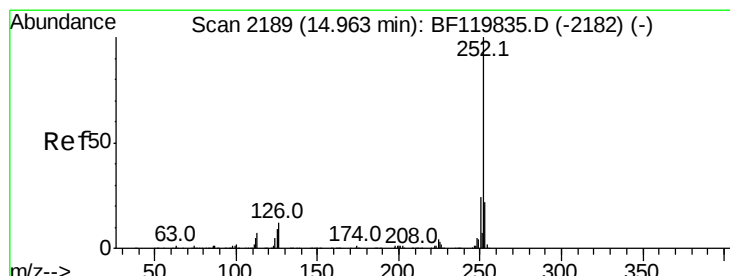
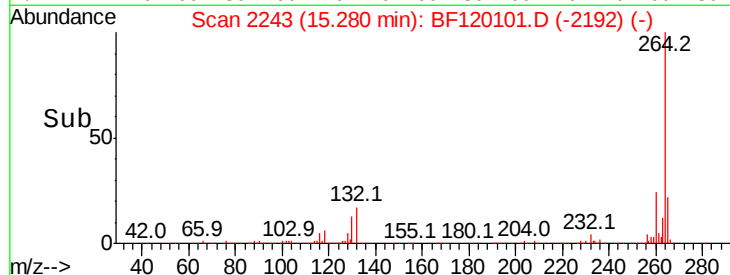
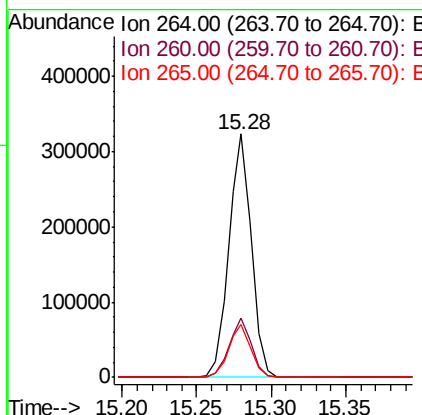
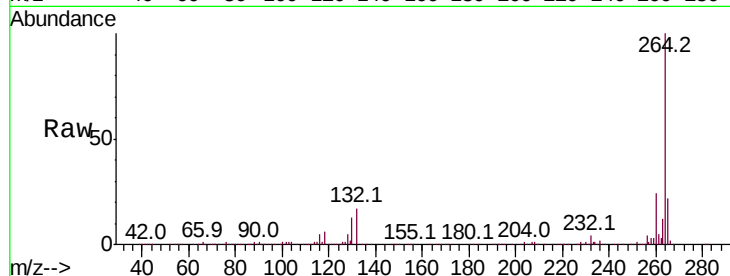




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

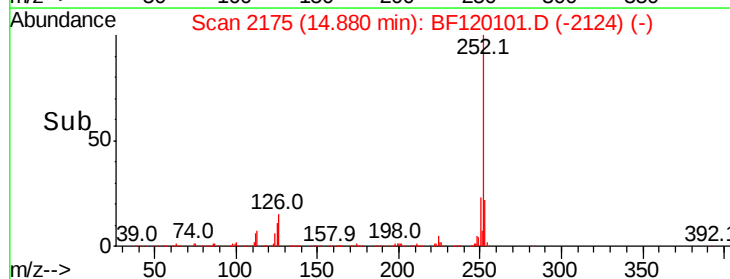
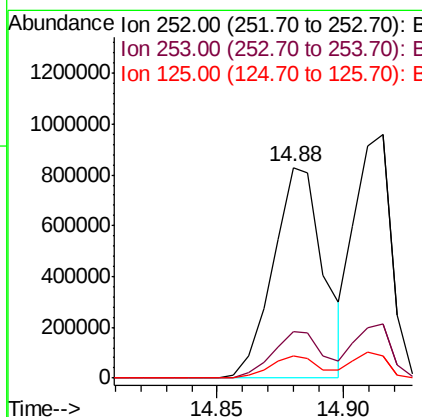
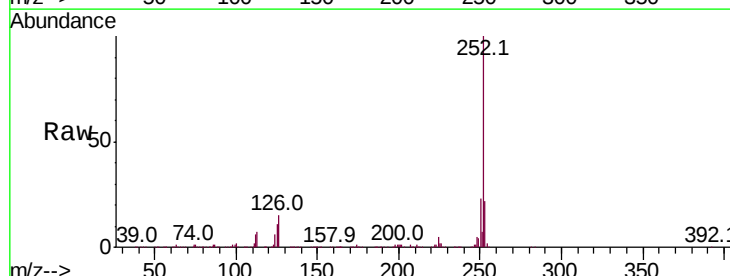
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

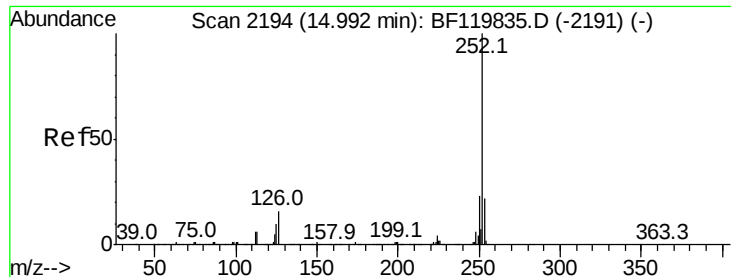
Tot Ion:264 Resp: 344430
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 46.573 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:252 Resp: 1153957
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.6 7.4 11.2

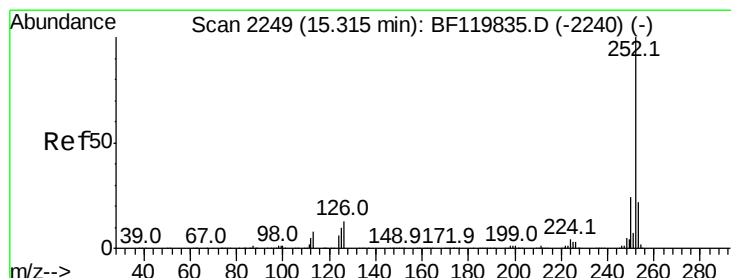
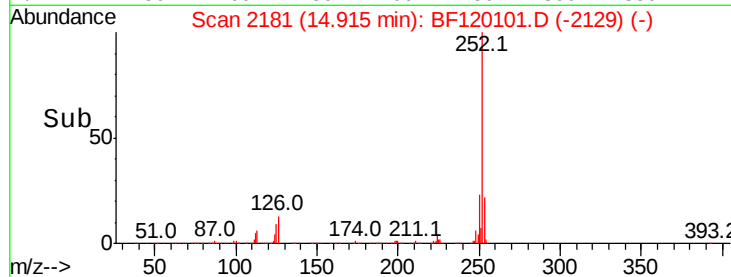
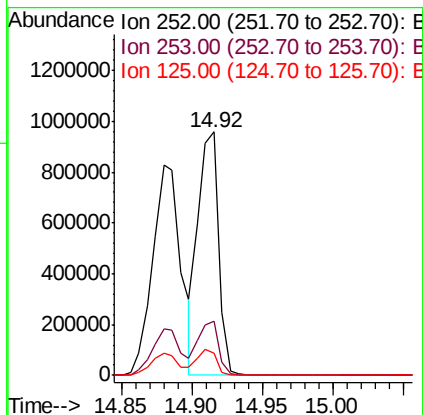
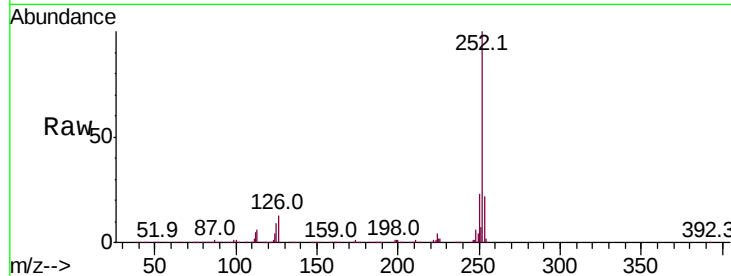




#89
Benzo(k)fluoranthene
Concen: 45.434 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

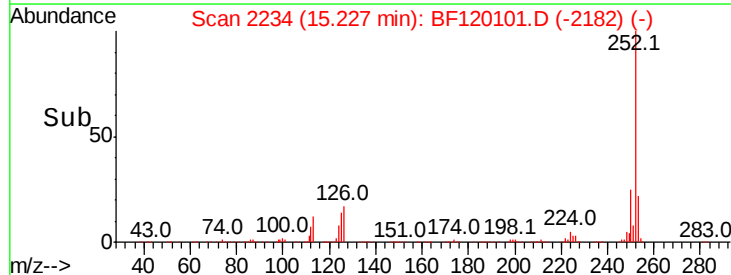
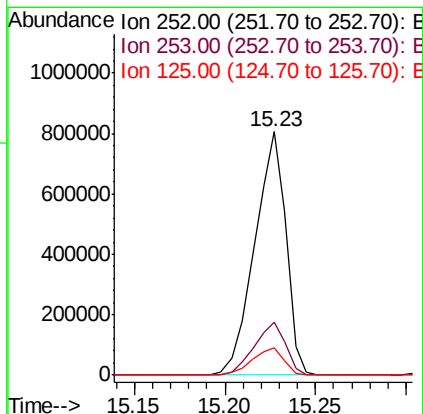
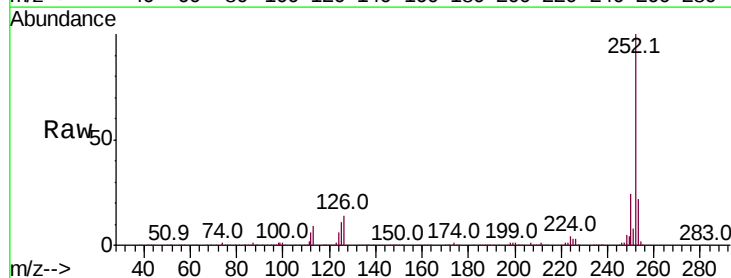
Instrument :
BNA_F
ClientSampleId :
PB128243BSD

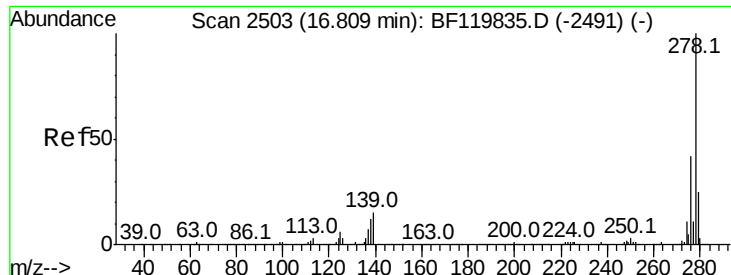
Tot Ion:252 Resp: 971313
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 46.291 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:252 Resp: 964367
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.2 8.3 12.5

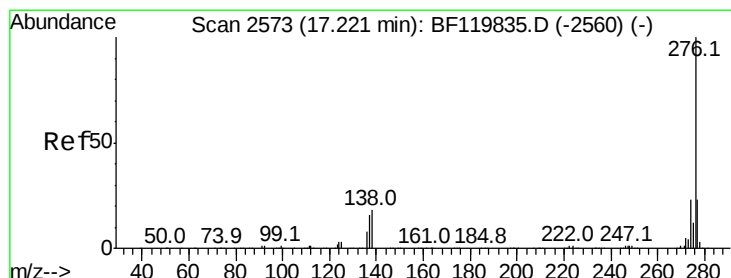
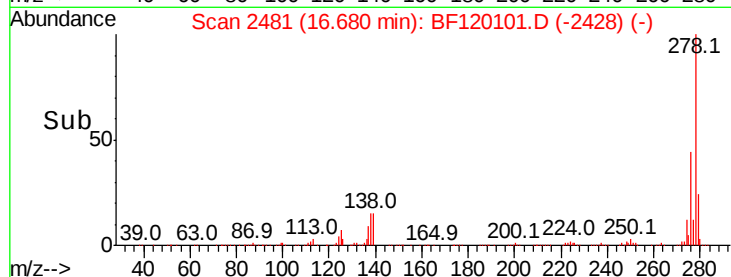
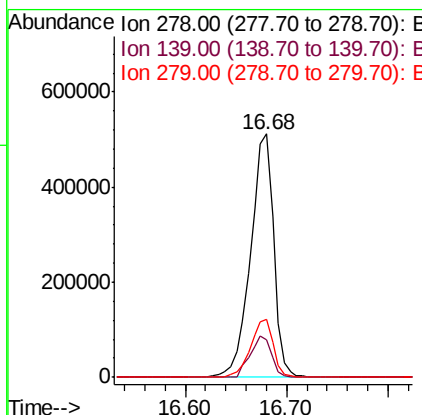
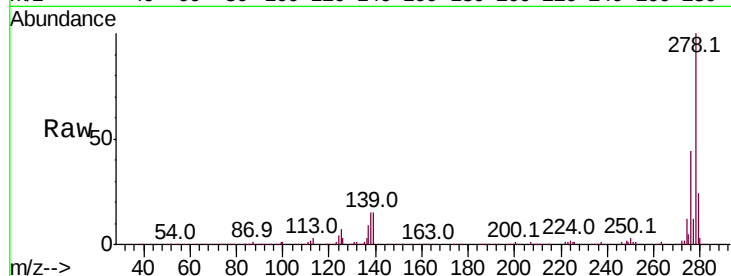




#91
Dibenzo(a,h)anthracene
Concen: 43.978 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:278 Resp: 811543
Ion Ratio Lower Upper
278 100
139 15.3 11.6 17.4
279 23.7 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 42.924 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:276 Resp: 781891
Ion Ratio Lower Upper
276 100
277 23.4 18.5 27.7
138 20.3 14.6 22.0

