

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120967.D
 Acq On : 22 Jul 2020 16:32
 Operator : JU/CG
 Sample : L3184-17MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 17:12:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	169613	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	662950	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	349694	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	671983	20.00	ng	0.00
76) Chrysene-d12	13.97	240	517663	20.00	ng	0.00
86) Perylene-d12	15.42	264	516063	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1078519	104.24	ng	0.02
7) Phenol-d6	6.45	99	1230683	92.08	ng	0.00
23) Nitrobenzene-d5	7.38	82	934846	81.59	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	443092	115.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1632475	69.70	ng	0.00
79) Terphenyl-d14	12.92	244	1760734	73.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	186037	39.069	ng	# 85
3) Pyridine	3.42	79	355097	28.033	ng	100
4) n-Nitrosodimethylamine	3.35	42	223144	41.197	ng	94
6) Aniline	6.47	93	328757	18.845	ng	# 90
8) 2-Chlorophenol	6.60	128	521210	45.729	ng	100
9) Benzaldehyde	6.36	77	234308	34.983	ng	98
10) Phenol	6.46	94	517586	35.206	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	501291	44.491	ng	100
12) 1,3-Dichlorobenzene	6.76	146	467092	37.793	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473444	38.524	ng	99
14) 1,2-Dichlorobenzene	6.99	146	453555	39.011	ng	99
15) Benzyl Alcohol	6.96	79	428293	45.315	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	675471	41.593	ng	99
17) 2-Methylphenol	7.07	107	411457	40.729	ng	99
18) Hexachloroethane	7.33	117	172035	38.676	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	328622	43.242	ng	98
20) 3+4-Methylphenols	7.23	107	447921	34.855	ng	# 82
22) Acetophenone	7.23	105	653501	43.922	ng	95
24) Nitrobenzene	7.40	77	524232	42.453	ng	98
25) Isophorone	7.64	82	1000395	43.750	ng	98
26) 2-Nitrophenol	7.72	139	277622	47.337	ng	98
27) 2,4-Dimethylphenol	7.75	122	459600	48.267	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	626959	44.918	ng	99
29) 2,4-Dichlorophenol	7.96	162	433884	44.592	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	427555	39.606	ng	99
31) Naphthalene	8.12	128	1374016	40.405	ng	100
32) Benzoic acid	7.86	122	158210	22.134	ng	96
33) 4-Chloroaniline	8.17	127	245848	16.206	ng	99
34) Hexachlorobutadiene	8.24	225	236132	37.105	ng	100
35) Caprolactam	8.55	113	83909	26.891	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	455768	45.672	ng	94
37) 2-Methylnaphthalene	8.81	142	961563	43.548	ng	99
38) 1-Methylnaphthalene	8.91	142	906291	43.338	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	429229	42.128	ng	99

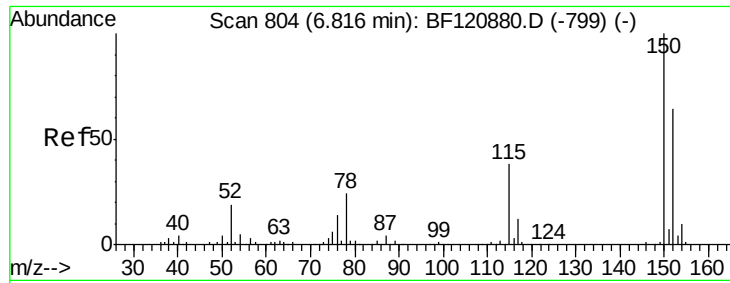
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120967.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	422716	75.069	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	324590	45.247	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	347331	42.684	ng	96
46) 1,1'-Biphenyl	9.27	154	1165825	43.705	ng	99
47) 2-Chloronaphthalene	9.30	162	907445	41.726	ng	99
48) 2-Nitroaniline	9.40	65	296703	45.144	ng	91
49) Acenaphthylene	9.72	152	1464955	43.360	ng	100
50) Dimethylphthalate	9.58	163	1333861	52.872	ng	98
51) 2,6-Dinitrotoluene	9.64	165	254810	47.012	ng	94
52) Acenaphthene	9.89	154	929070	43.253	ng	100
53) 3-Nitroaniline	9.80	138	151915	22.348	ng	96
54) 2,4-Dinitrophenol	9.91	184	112074	39.688	ng	90
55) Dibenzofuran	10.06	168	1308345	42.120	ng	99
56) 4-Nitrophenol	9.97	139	386443	74.838	ng	100
57) 2,4-Dinitrotoluene	10.05	165	343629	48.278	ng	97
58) Fluorene	10.40	166	941614	40.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	300067	48.432	ng	96
60) Diethylphthalate	10.28	149	1145871	44.905	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	466400	37.745	ng	99
62) 4-Nitroaniline	10.42	138	270145	40.797	ng	99
63) Azobenzene	10.56	77	1054959	43.426	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	113282	30.638	ng	87
66) n-Nitrosodiphenylamine	10.52	169	945403	44.723	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	325387	43.431	ng	99
68) Hexachlorobenzene	10.95	284	360626	44.497	ng	# 89
69) Atrazine	11.04	200	272897	52.126	ng	100
70) Pentachlorophenol	11.14	266	390183	84.038	ng	99
71) Phenanthrene	11.36	178	1477189	42.742	ng	100
72) Anthracene	11.42	178	1545491	44.534	ng	99
73) Carbazole	11.57	167	1461714	42.442	ng	99
74) Di-n-butylphthalate	11.90	149	1794056	45.141	ng	100
75) Fluoranthene	12.55	202	1653468	43.163	ng	98
77) Benzidine	12.67	184	490597	36.046	ng	99
78) Pyrene	12.78	202	1694752	46.306	ng	99
80) Butylbenzylphthalate	13.40	149	800410	49.059	ng	98
81) Benzo(a)anthracene	13.97	228	1324551	42.254	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	409803	34.652	ng	99
83) Chrysene	14.00	228	1454391	44.149	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	941494	46.797	ng	100
85) Di-n-octyl phthalate	14.57	149	1920695	47.986	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1490020	41.516	ng	99
88) Benzo(b)fluoranthene	15.00	252	1478604	47.400	ng	100
89) Benzo(k)fluoranthene	15.03	252	1415526	49.757	ng	100
90) Benzo(a)pyrene	15.36	252	1297707	45.597	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1248684	42.592	ng	99
92) Benzo(g,h,i)perylene	17.28	276	1210640	41.881	ng	99

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

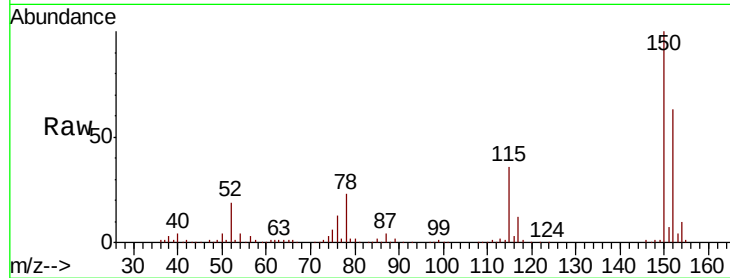


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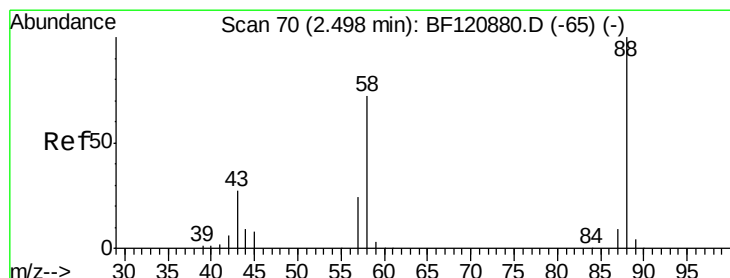
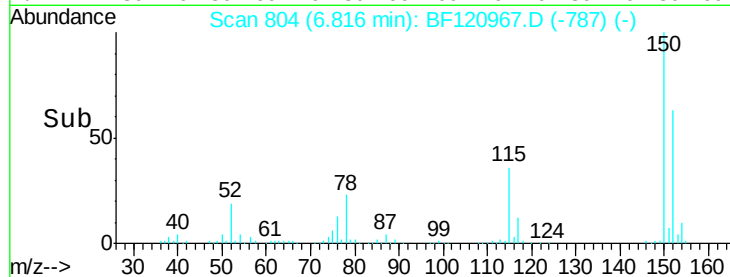
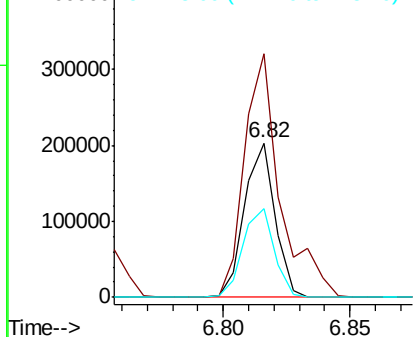
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169613
Ion Ratio Lower Upper
152 100
150 157.9 125.0 187.6
115 57.4 47.0 70.4



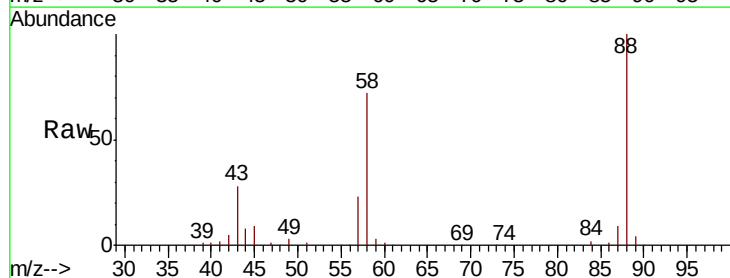
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



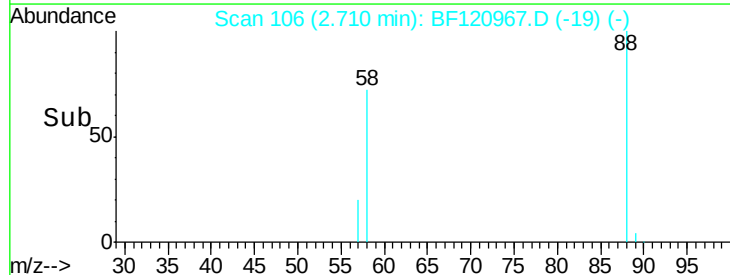
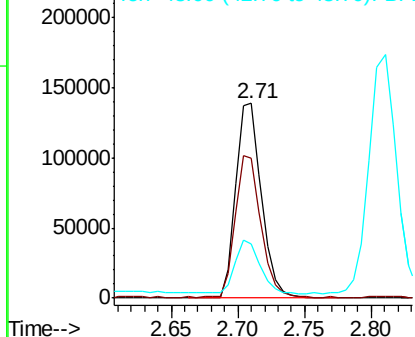
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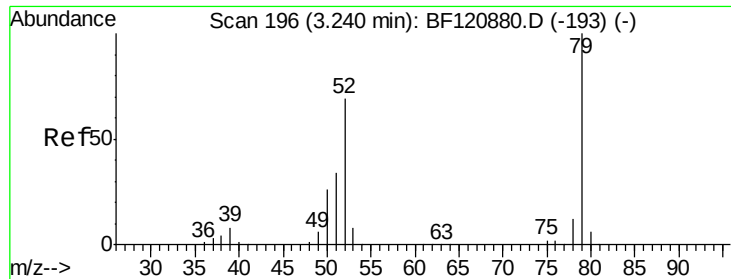
1,4-Dioxane
Concen: 39.069 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.21 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion: 88 Resp: 186037
Ion Ratio Lower Upper
88 100
58 71.9 58.2 87.2
43 0.0 22.1 33.1#



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

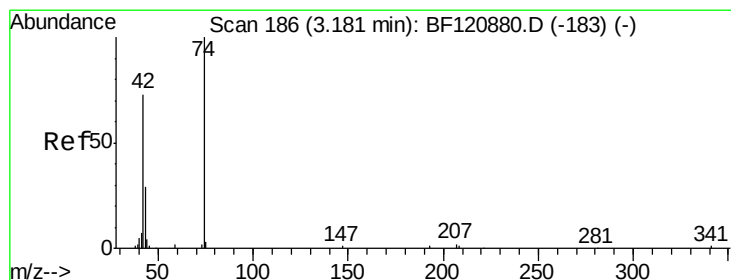
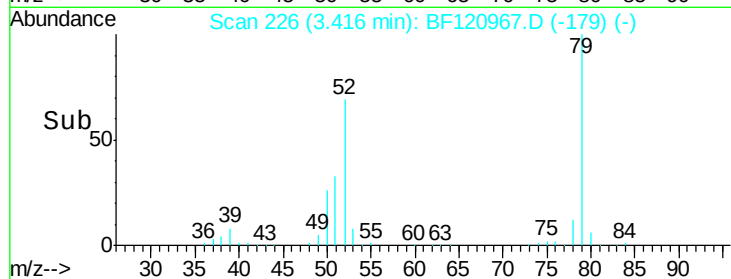
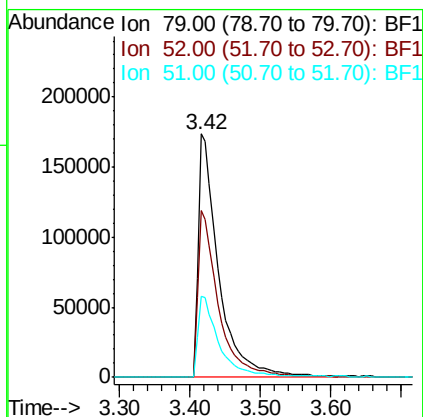
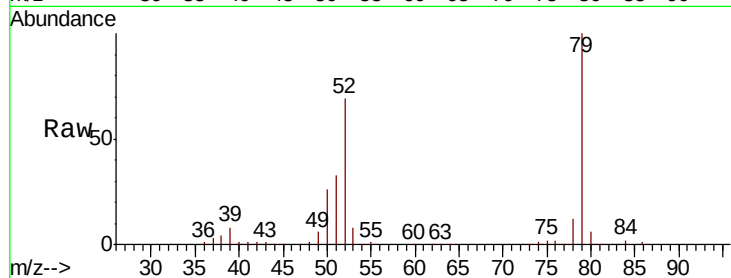




#3
 Pvridine
 Concen: 28.033 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.18 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

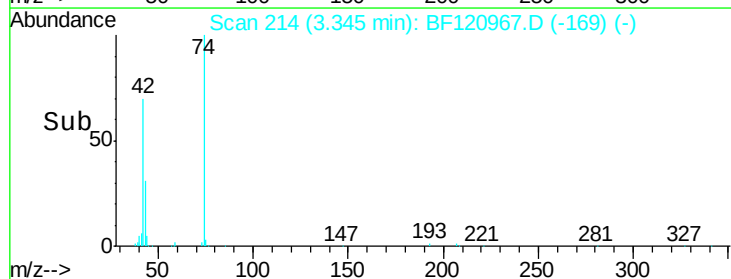
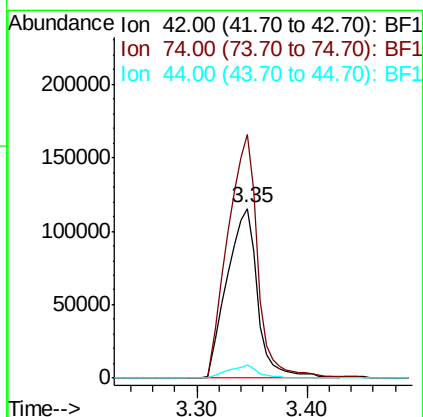
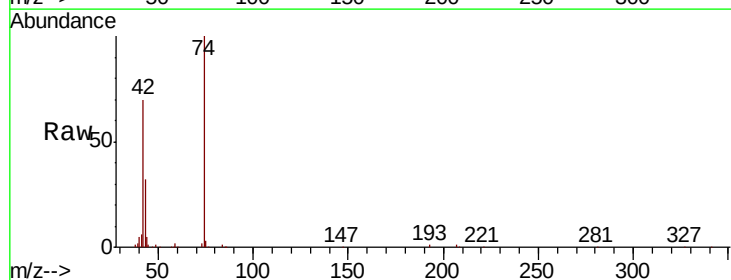
Instrument :
 BNA_F
 ClientSampleId :

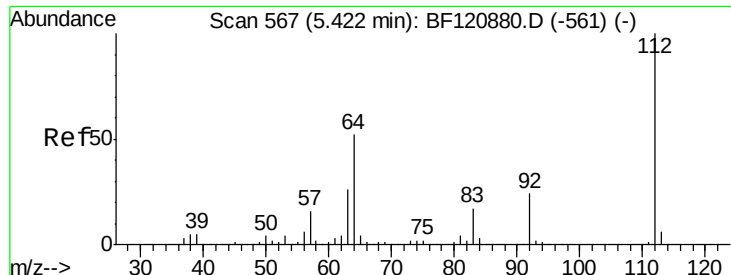
Tot Ion: 79 Resp: 355097
 Ion Ratio Lower Upper
 79 100
 52 68.6 55.0 82.6
 51 33.4 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 41.197 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.16 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion: 42 Resp: 223144
 Ion Ratio Lower Upper
 42 100
 74 143.4 108.7 163.1
 44 7.4 5.2 7.8





#5

2-Fluorophenol

Concen: 104.242 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

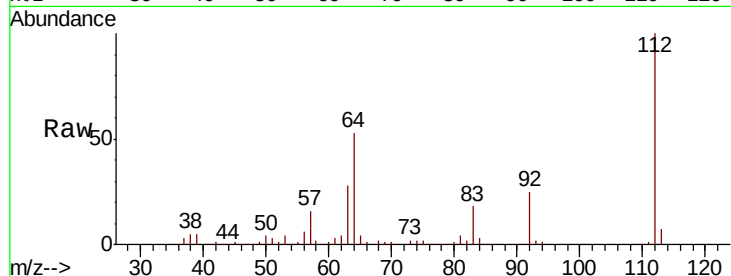
Tot Ion:112 Resp: 1078519

Ion Ratio Lower Upper

112 100

64 53.0 41.3 61.9

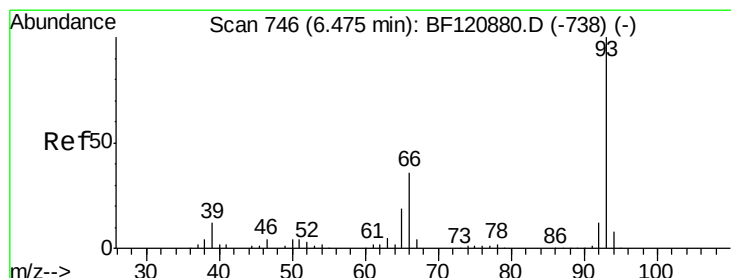
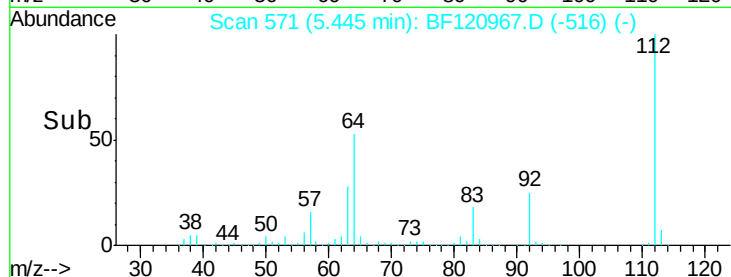
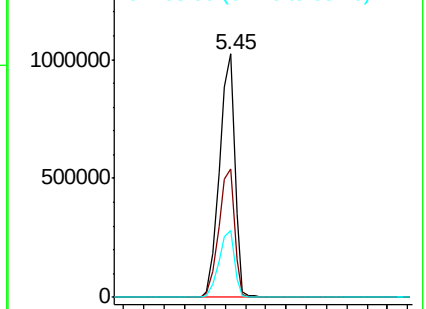
63 27.7 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.845 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

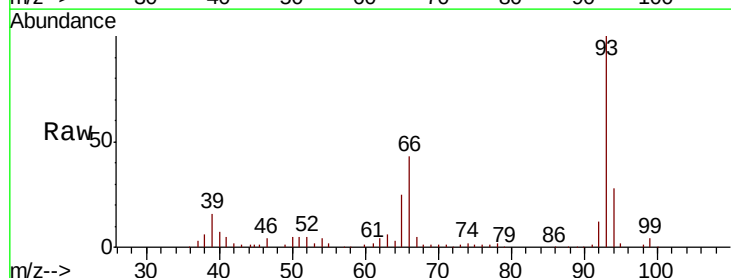
Tgt Ion: 93 Resp: 328757

Ion Ratio Lower Upper

93 100

66 43.3 30.2 45.4

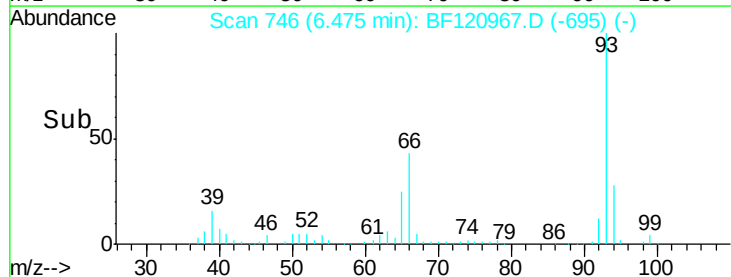
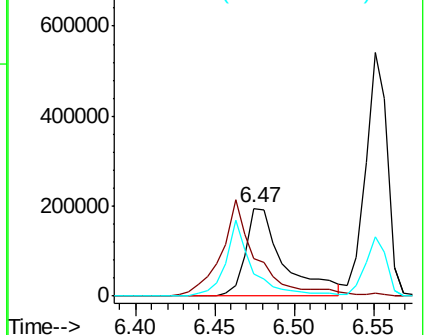
65 25.0 15.8 23.6#

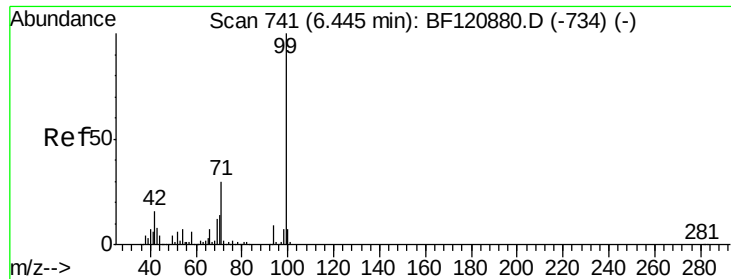


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.084 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

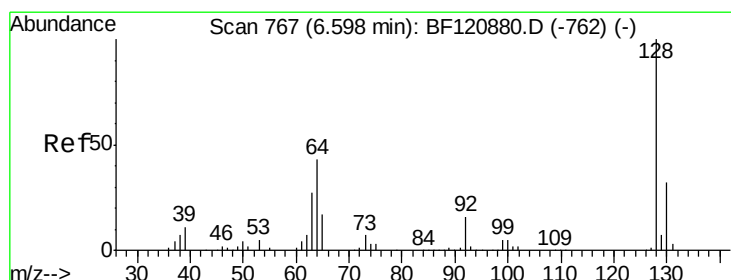
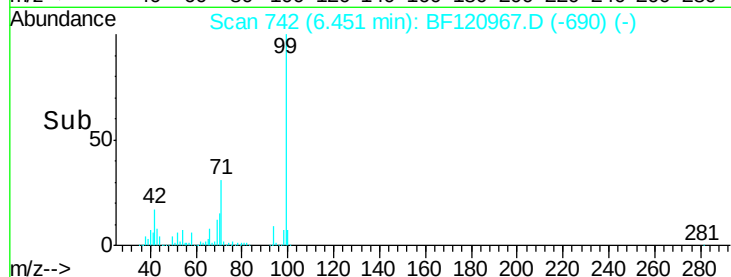
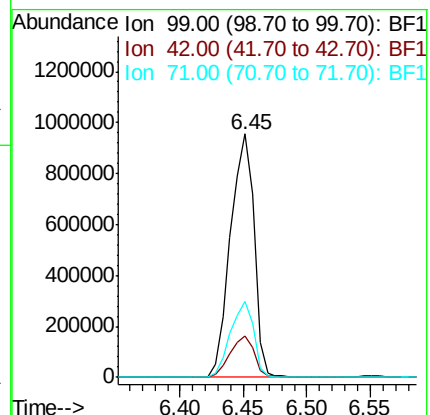
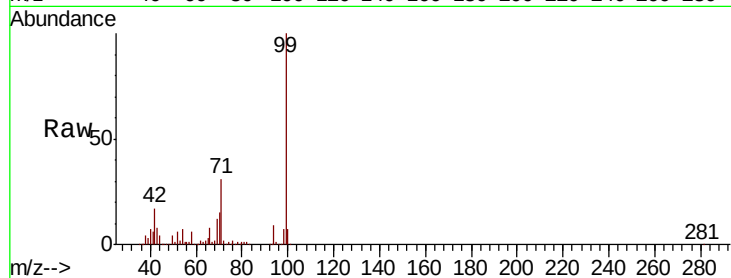
Tot Ion: 99 Resp: 1230683

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.4 24.2 36.4



#8

2-Chlorophenol

Concen: 45.729 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

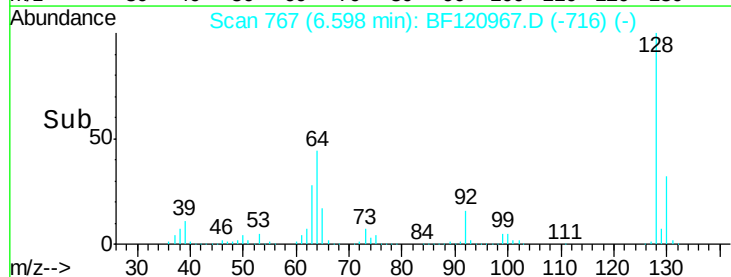
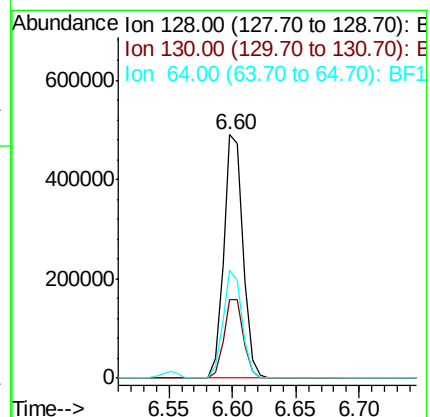
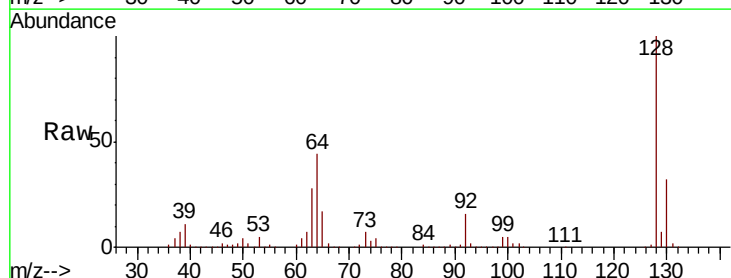
Tgt Ion: 128 Resp: 521210

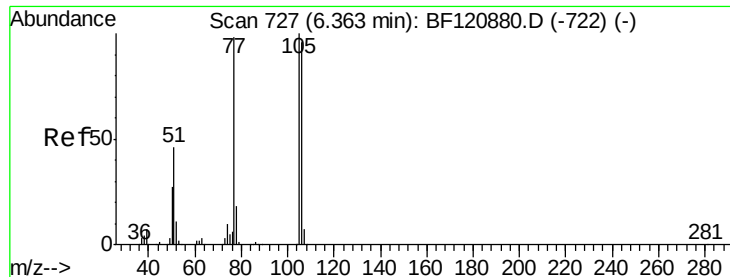
Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

64 44.1 24.0 64.0





#9

Benzaldehyde

Concen: 34.983 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

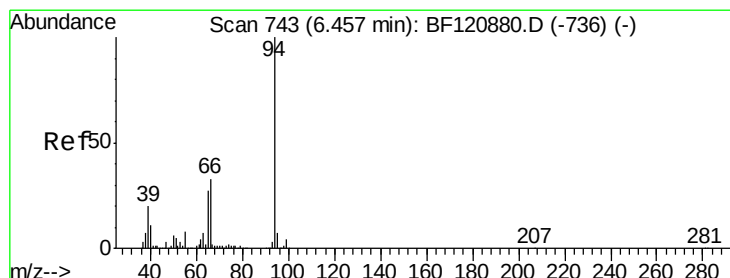
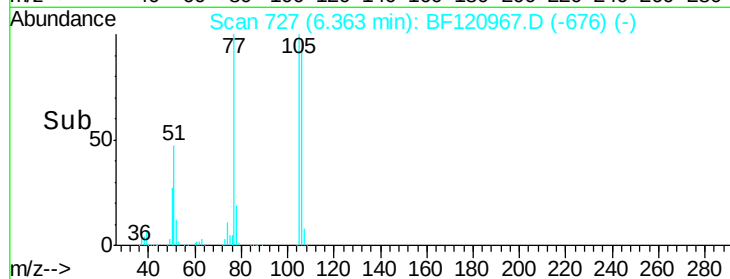
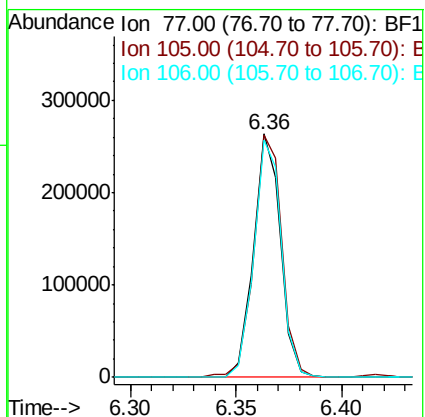
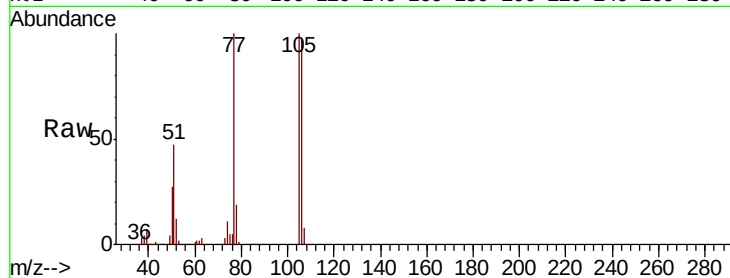
Tot Ion: 77 Resp: 234308

Ion Ratio Lower Upper

77 100

105 99.8 82.5 122.5

106 97.3 78.7 118.7



#10

Phenol

Concen: 35.206 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

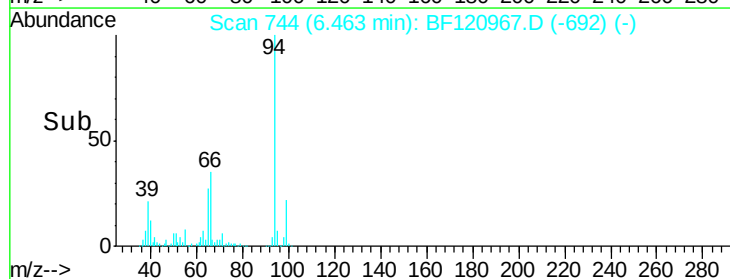
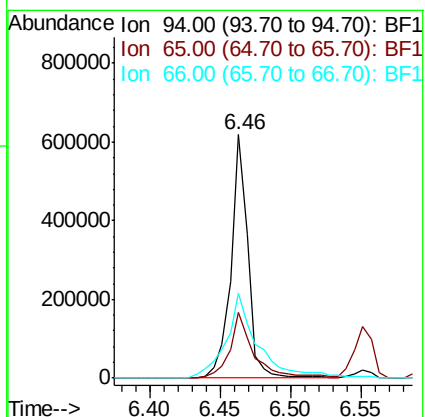
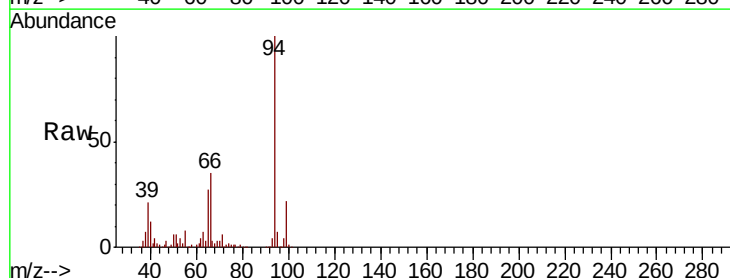
Tgt Ion: 94 Resp: 517586

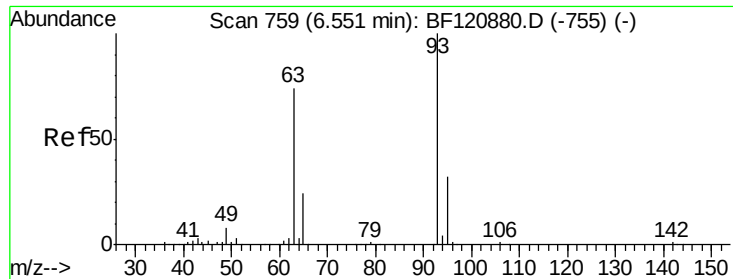
Ion Ratio Lower Upper

94 100

65 27.2 6.6 46.6

66 34.7 13.2 53.2

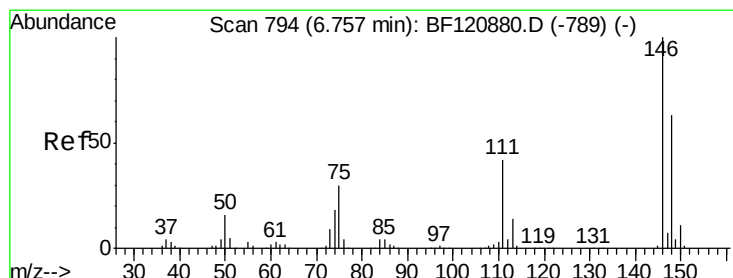
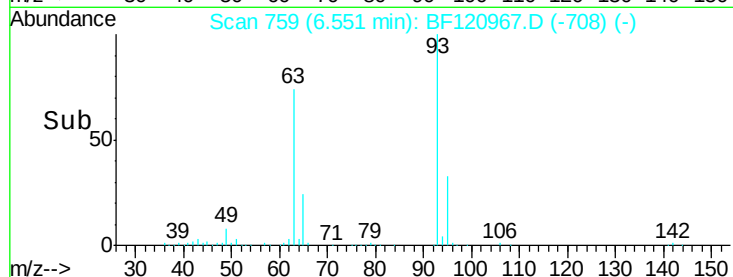
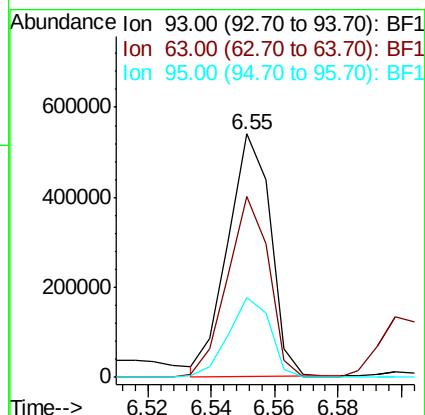
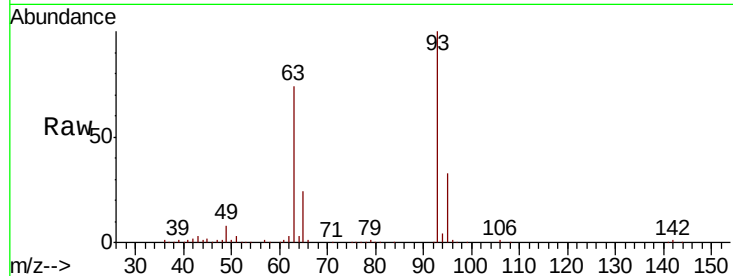




#11
bis(2-Chloroethyl)ether
Concen: 44.491 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

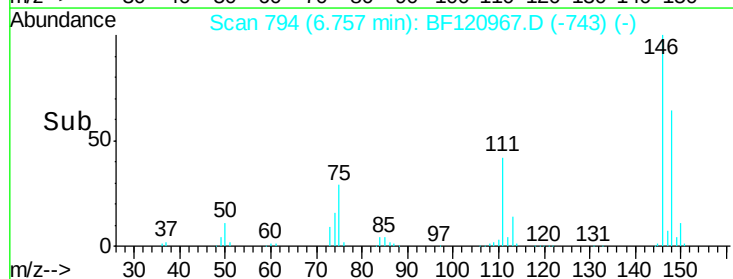
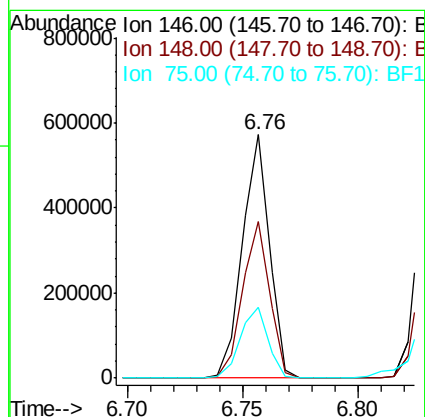
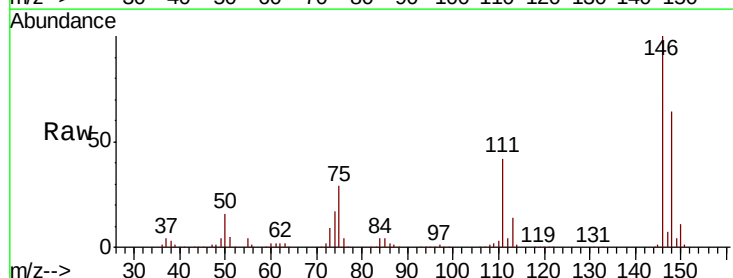
Instrument :
BNA_F
ClientSampleId :

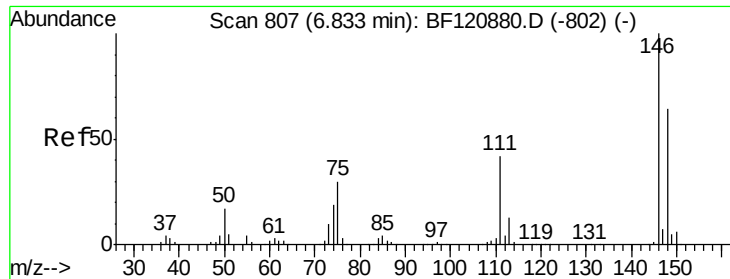
Tot Ion: 93 Resp: 501291
Ion Ratio Lower Upper
93 100
63 74.3 54.2 94.2
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.793 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion: 146 Resp: 467092
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 29.2 24.1 36.1

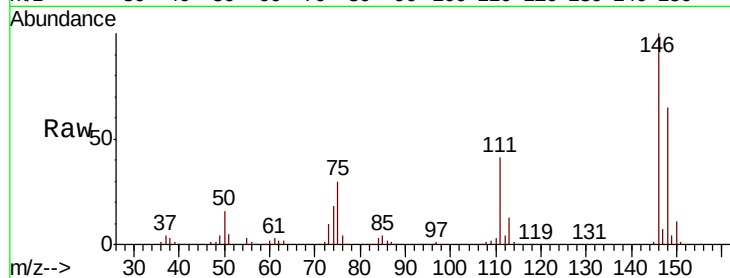




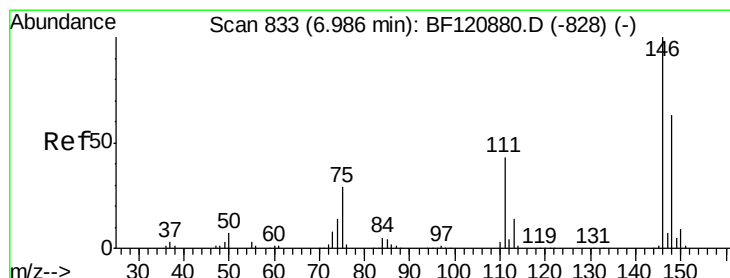
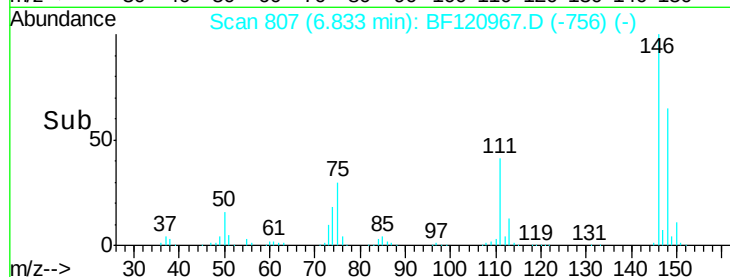
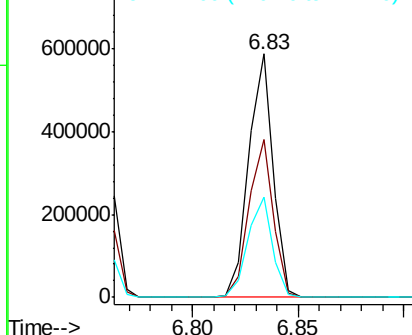
#13
 1,4-Dichlorobenzene
 Concen: 38.524 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 473444
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.6 77.4
 111 41.1 33.5 50.3

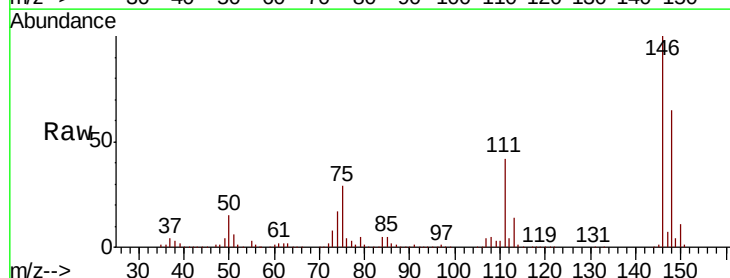


Abundance Ion 146.00 (145.70 to 146.70): E
 800000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

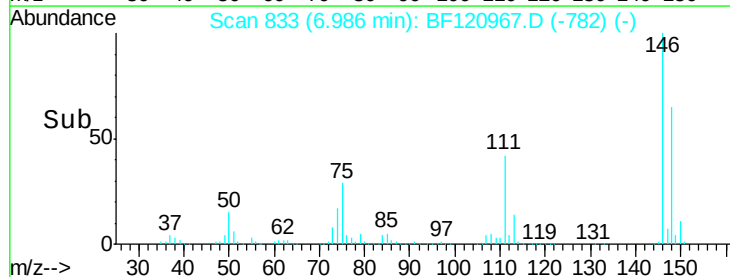
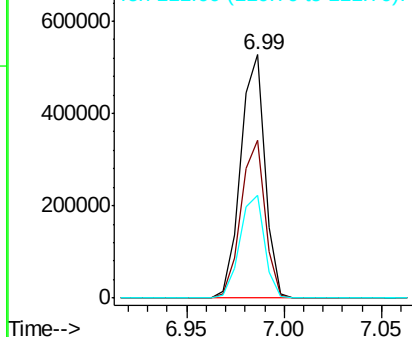


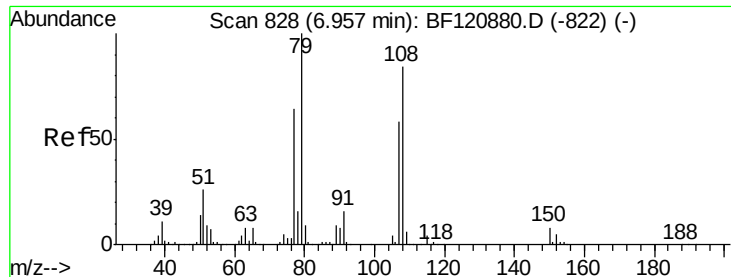
#14
 1,2-Dichlorobenzene
 Concen: 39.011 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:146 Resp: 453555
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 42.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
 600000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.315 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampled :

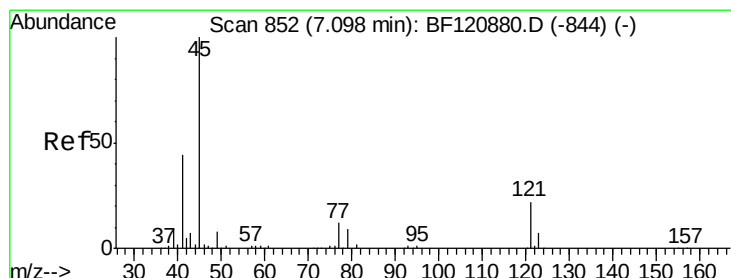
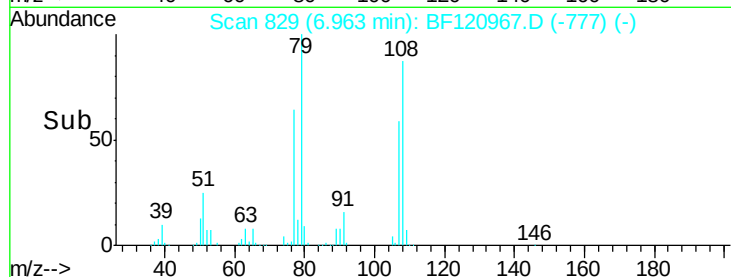
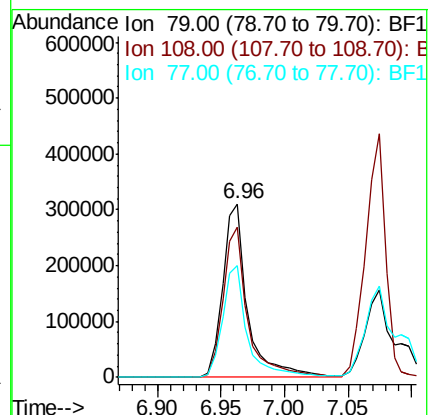
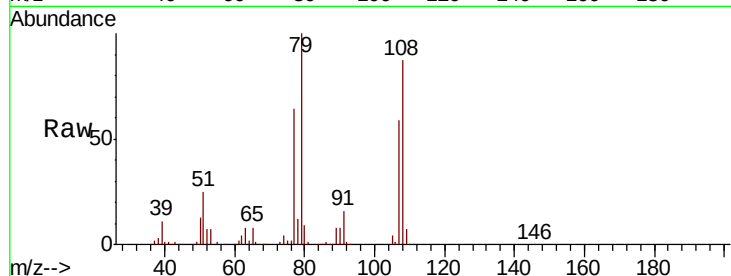
Tot Ion: 79 Resp: 428293

Ion Ratio Lower Upper

79 100

108 86.6 67.0 100.6

77 64.1 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.593 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

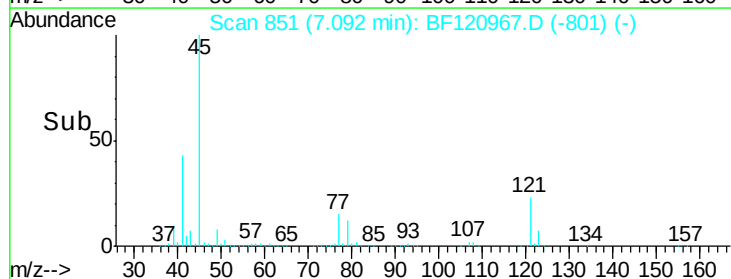
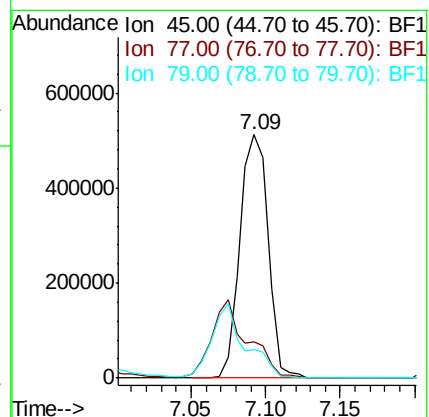
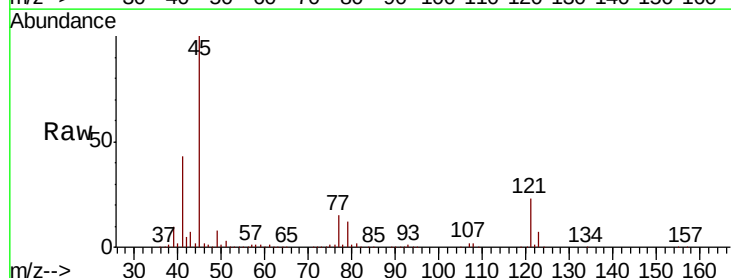
Tgt Ion: 45 Resp: 675471

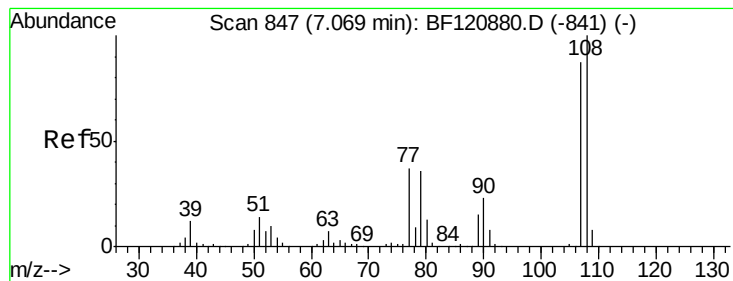
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.3

79 11.6 0.0 31.0

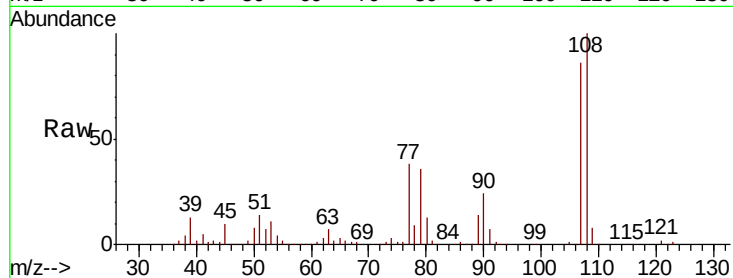




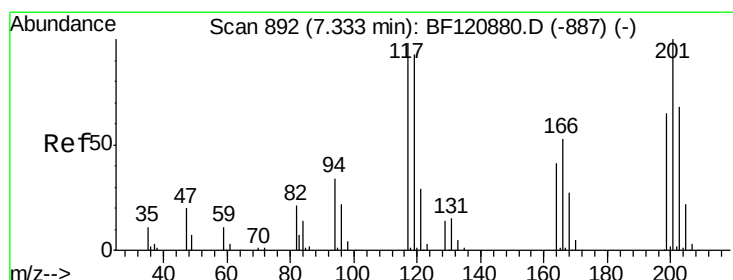
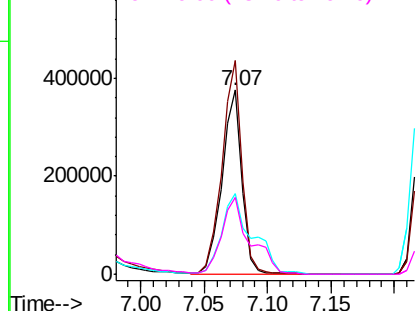
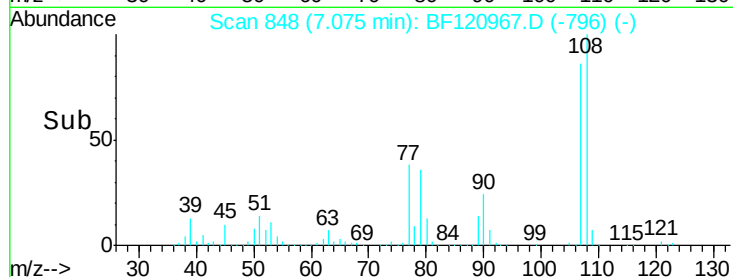
#17
2-Methylphenol
Concen: 40.729 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 411457
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 43.7 34.0 51.0
79 41.9 33.3 49.9

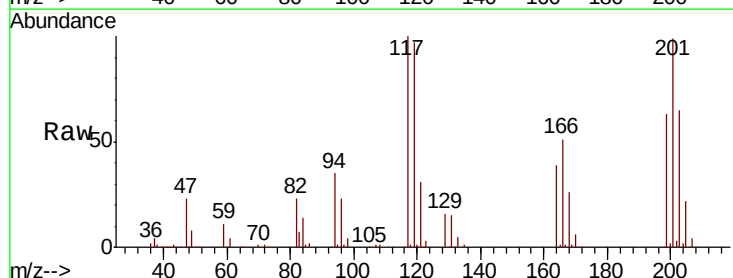


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

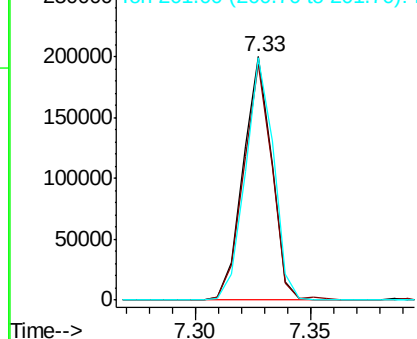
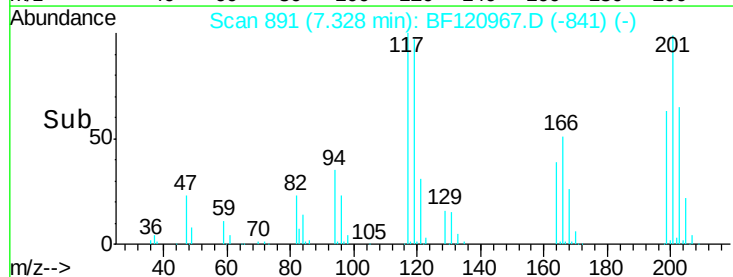


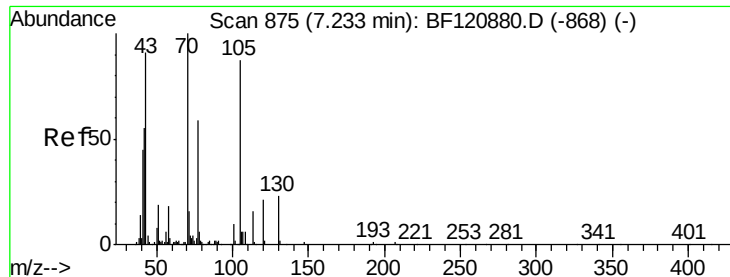
#18
Hexachloroethane
Concen: 38.676 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:117 Resp: 172035
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
201 99.4 81.7 122.5



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

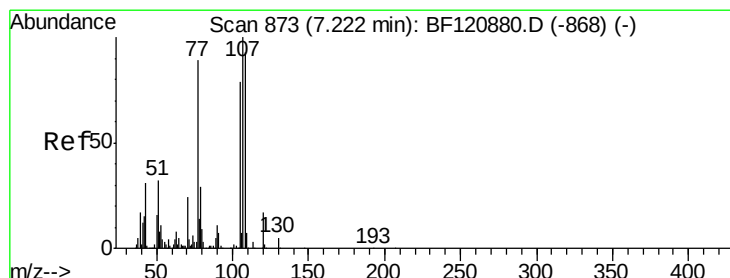
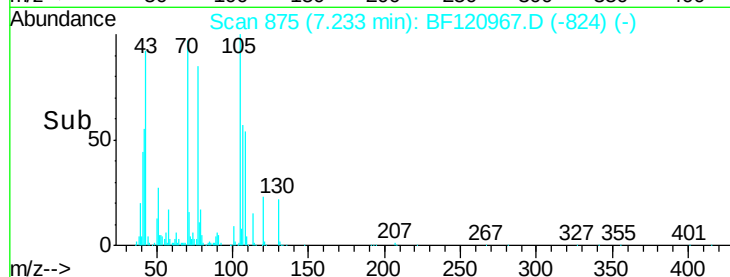
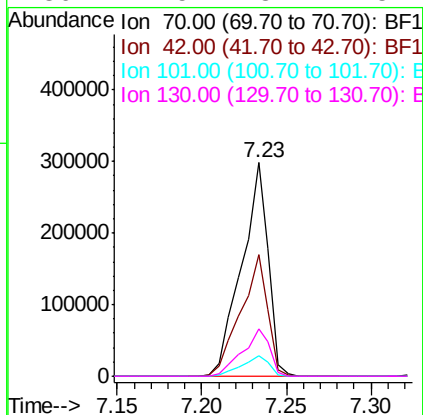
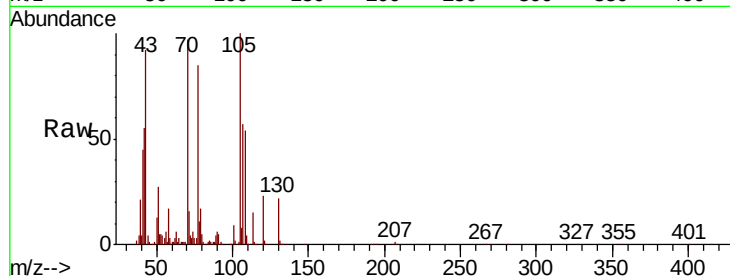




#19
n-Nitroso-di-n-propylamine
Concen: 43.242 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

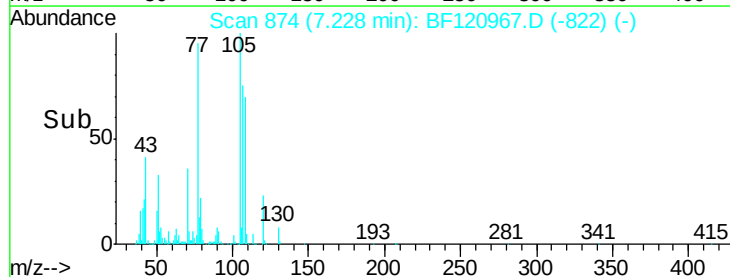
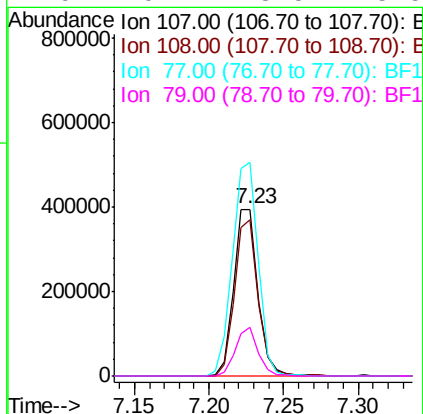
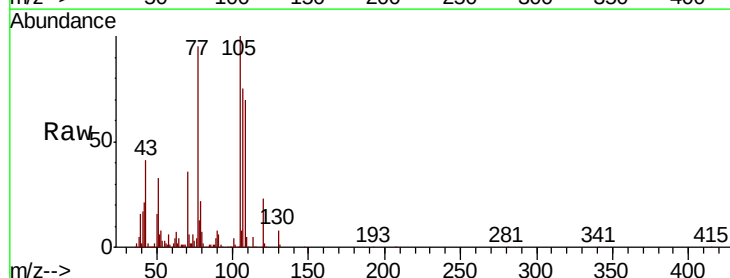
Instrument :
BNA_F
ClientSampleId :

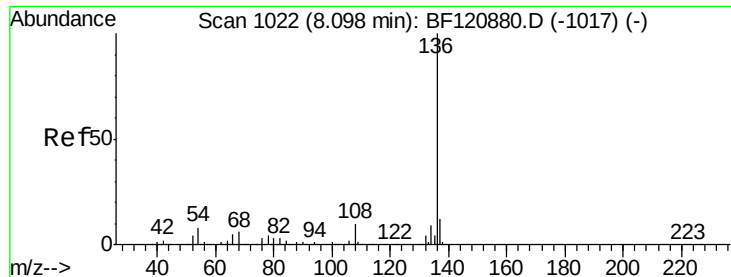
Tot Ion:	70	Resp:	328622
Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.0	66.0
101	9.6	7.8	11.6
130	22.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.855 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:	107	Resp:	447921
Ion	Ratio	Lower	Upper
107	100		
108	93.7	72.8	112.8
77	128.0	68.7	108.7#
79	29.1	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 662950

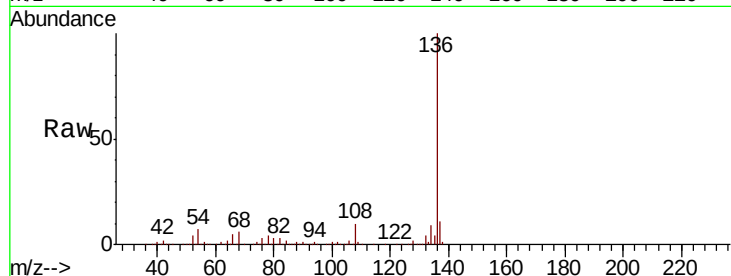
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.2 6.3 9.5

68 5.8 5.0 7.4

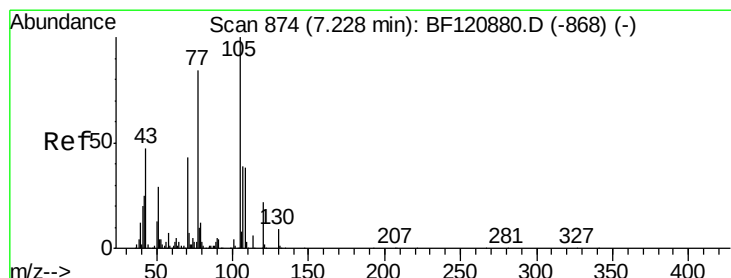
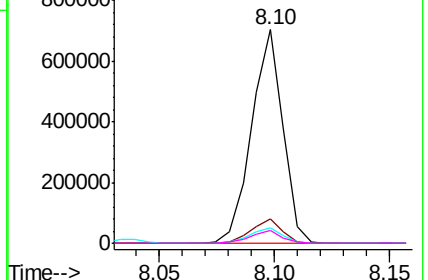
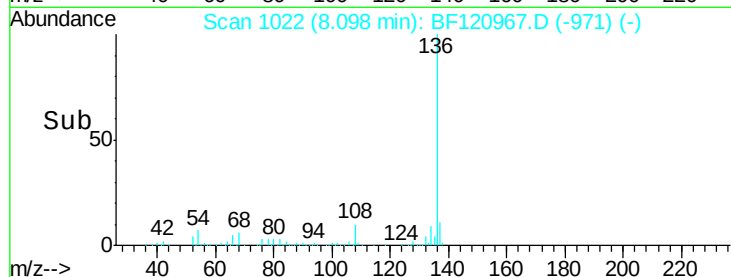


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.922 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Tgt Ion:105 Resp: 653501

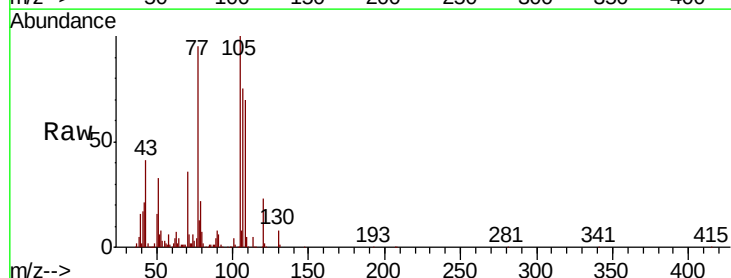
Ion Ratio Lower Upper

105 100

71 6.2 5.7 8.5

51 33.2 22.9 34.3

120 22.5 18.0 27.0

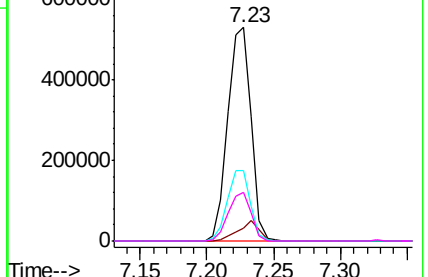
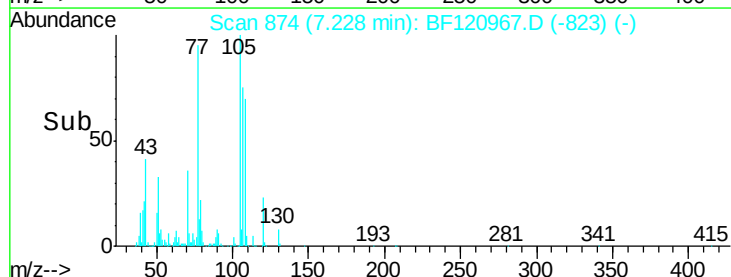


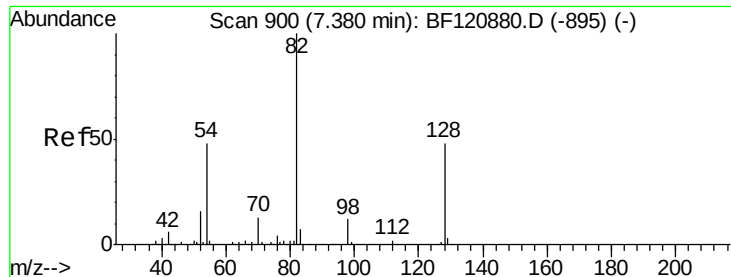
Abundance Ion 105.00 (104.70 to 105.70): E

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

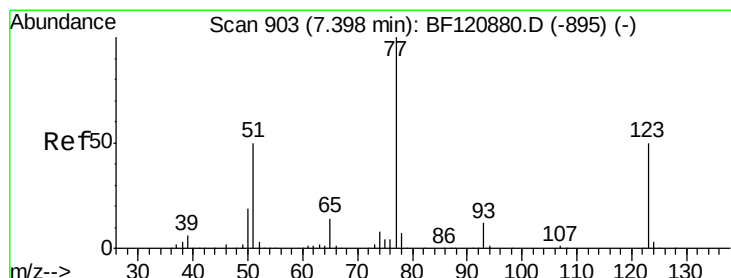
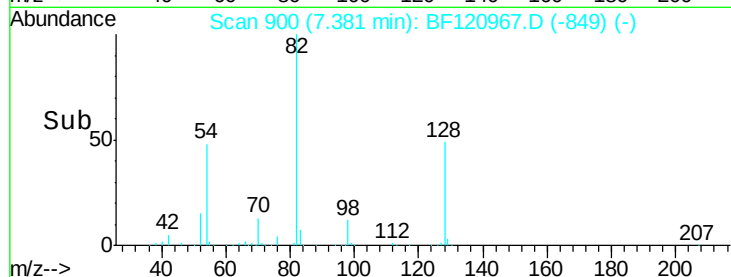
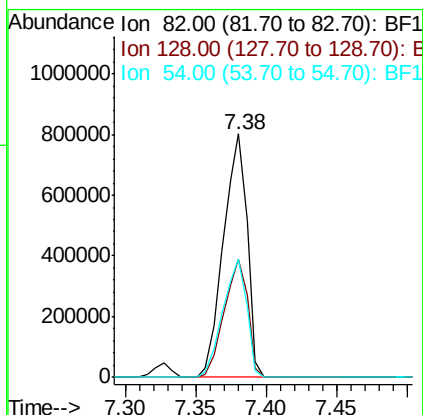
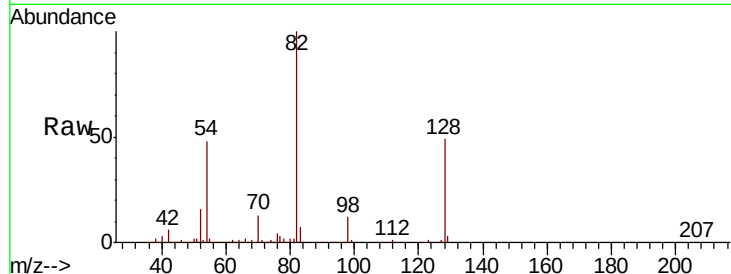




#23
Nitrobenzene-d5
Concen: 81.594 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

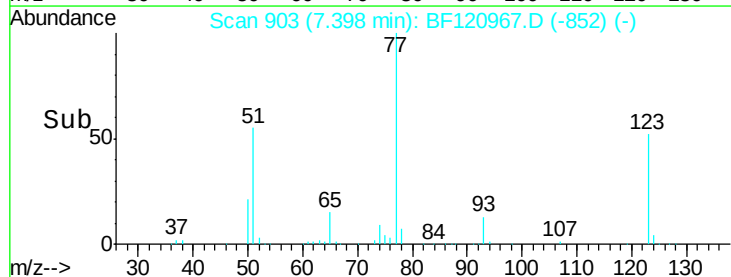
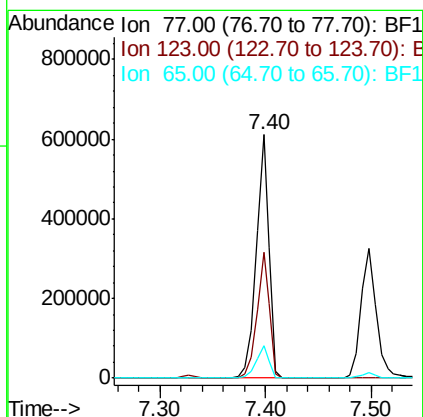
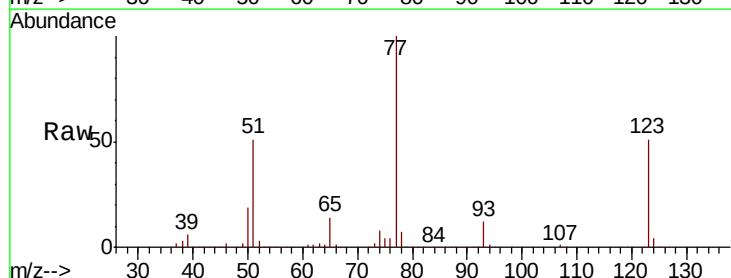
Instrument :
BNA_F
ClientSampleId :

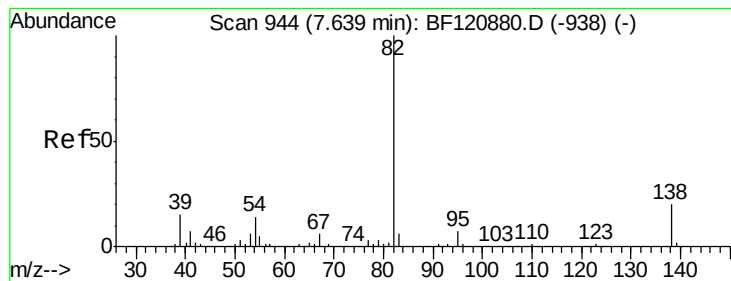
Tot Ion	82	Resp	934846
Ion Ratio	100	Lower	Upper
128	48.7	38.2	57.4
54	48.3	38.7	58.1



#24
Nitrobenzene
Concen: 42.453 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion	77	Resp	524232
Ion Ratio	100	Lower	Upper
123	51.4	40.1	60.1
65	13.5	10.8	16.2





#25

Isophorone

Concen: 43.750 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampled :

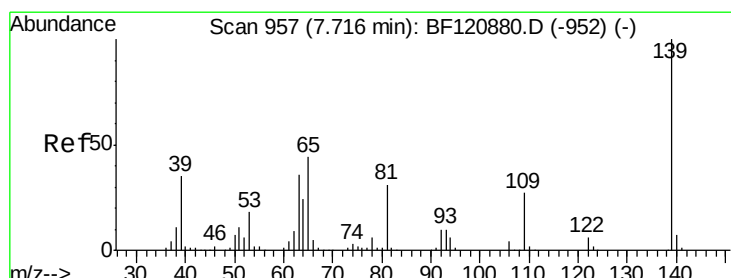
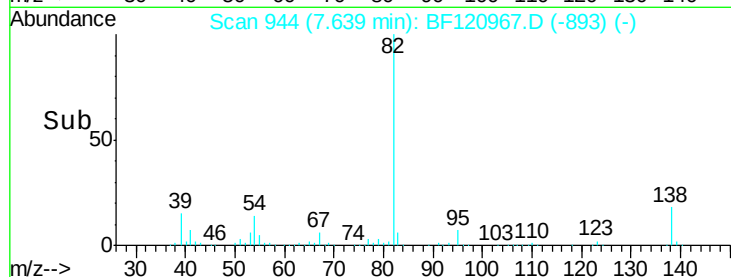
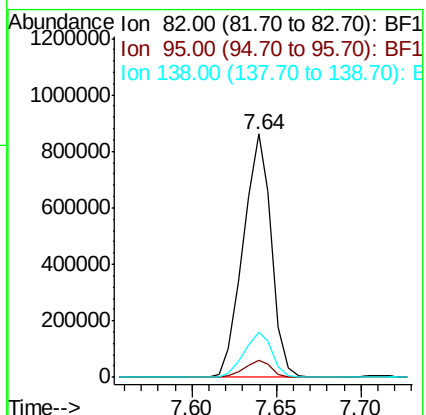
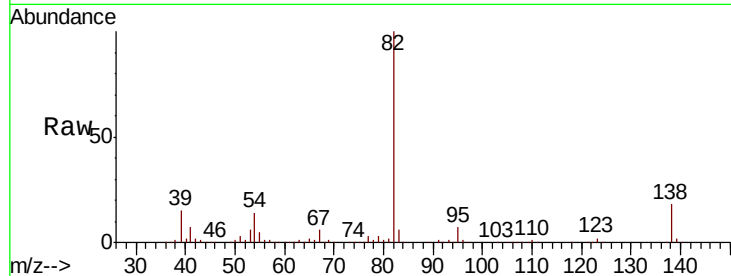
Tot Ion: 82 Resp: 1000395

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.3 15.6 23.4



#26

2-Nitrophenol

Concen: 47.337 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

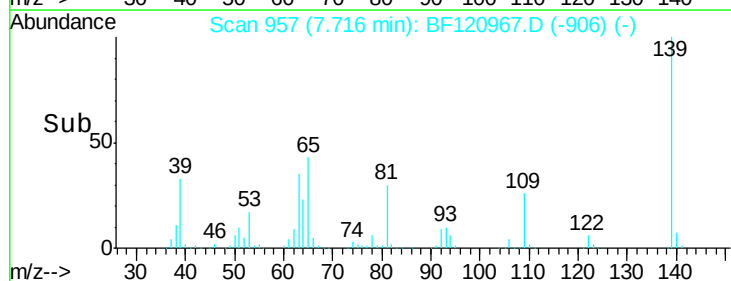
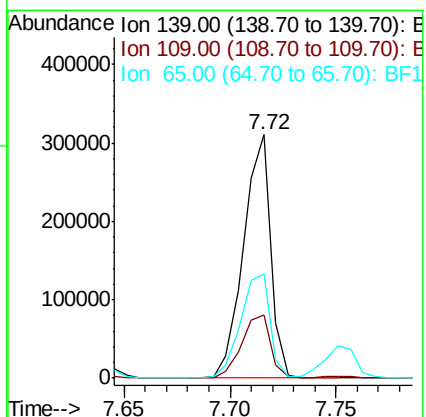
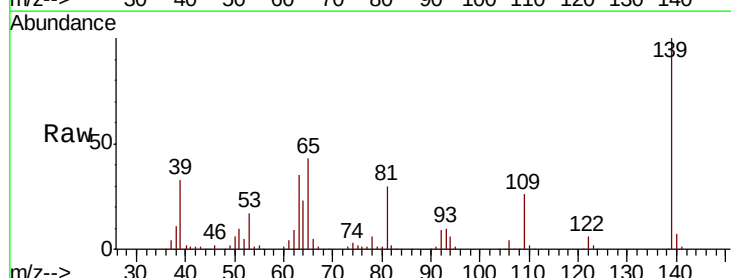
Tgt Ion: 139 Resp: 277622

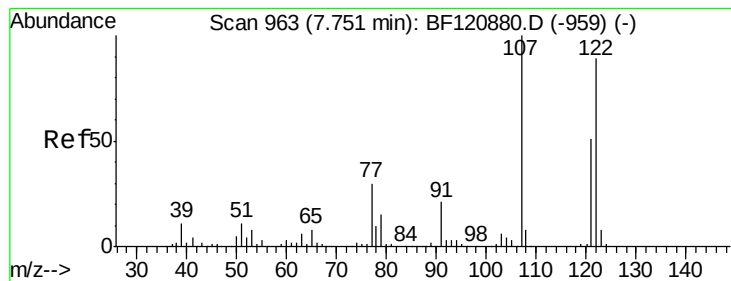
Ion Ratio Lower Upper

139 100

109 26.2 21.6 32.4

65 42.7 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 48.267 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampled :

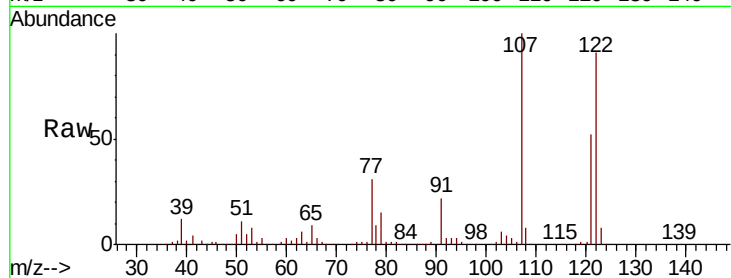
Tot Ion:122 Resp: 459600

Ion Ratio Lower Upper

122 100

107 109.8 89.4 134.0

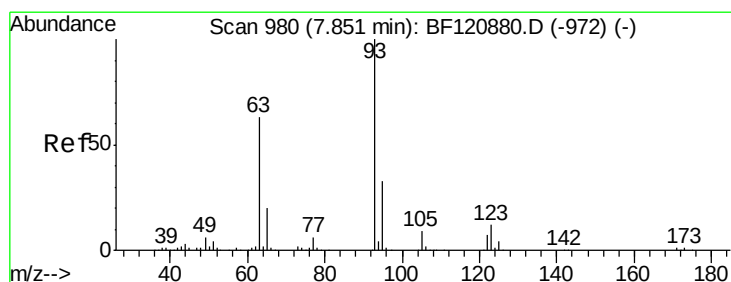
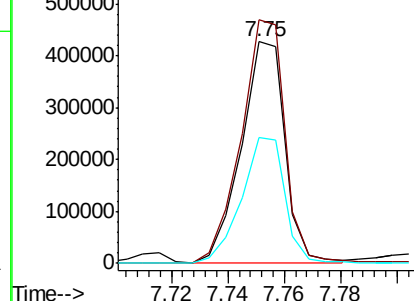
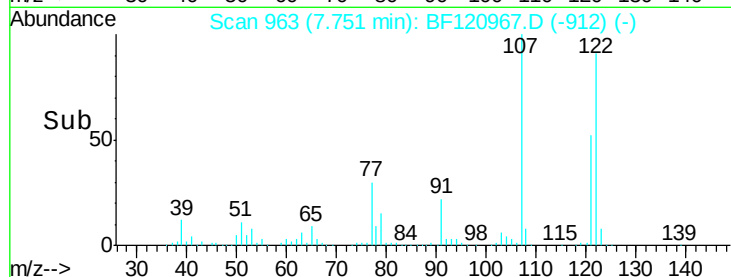
121 57.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.918 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

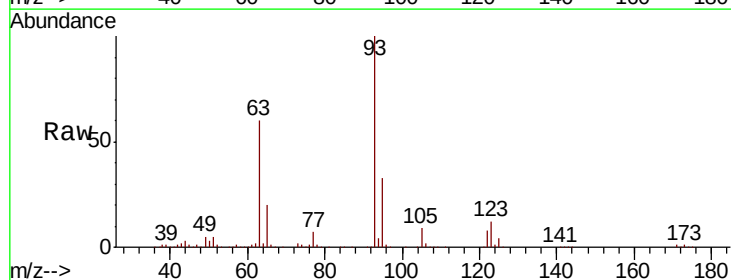
Tgt Ion: 93 Resp: 626959

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

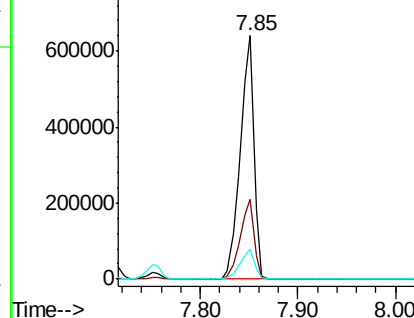
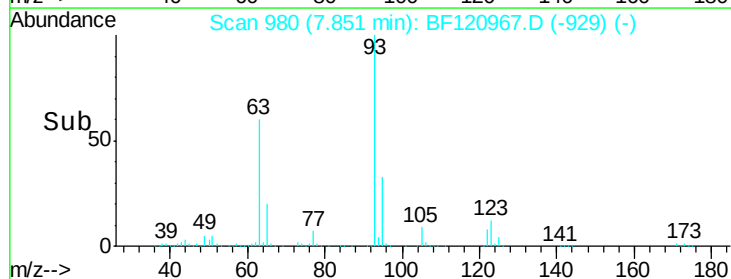
123 12.4 10.0 15.0

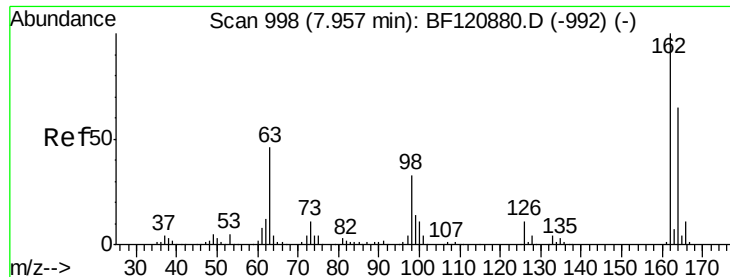


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

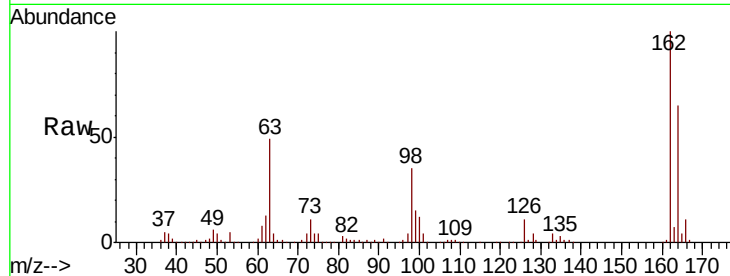




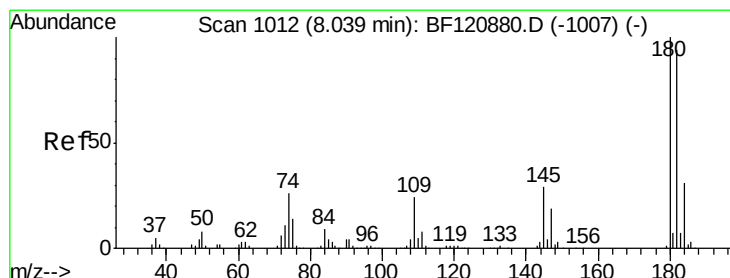
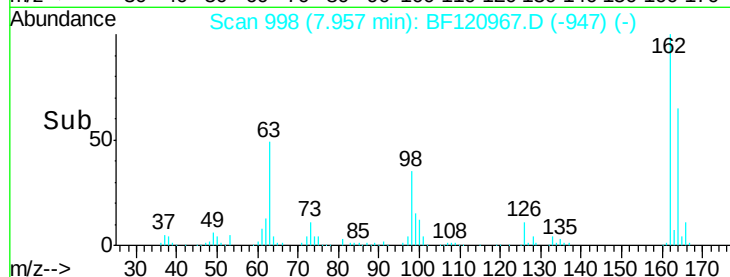
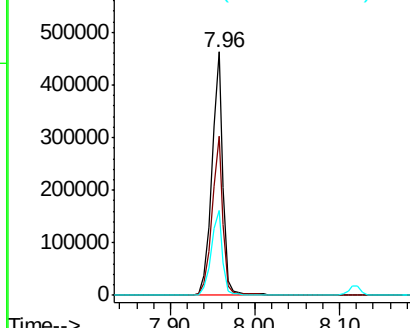
#29
2,4-Dichlorophenol
Concen: 44.592 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 433884
Ion Ratio Lower Upper
162 100
164 65.4 45.3 85.3
98 34.9 13.3 53.3

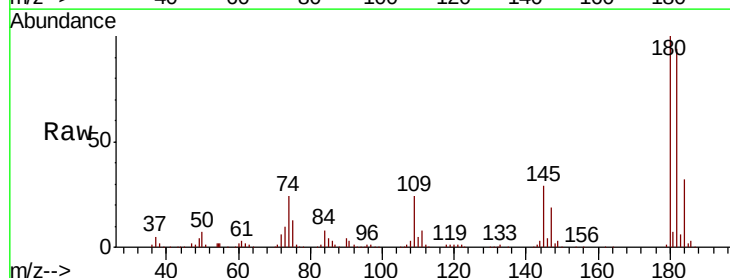


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

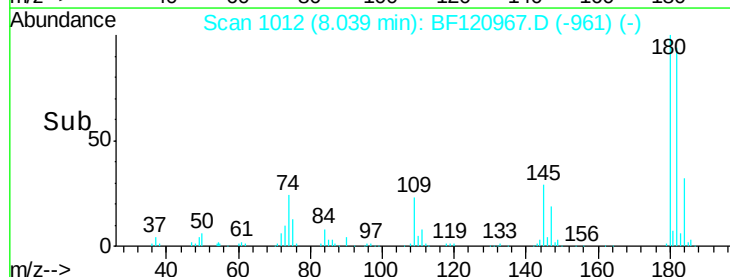
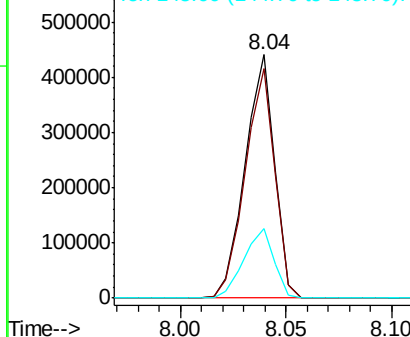


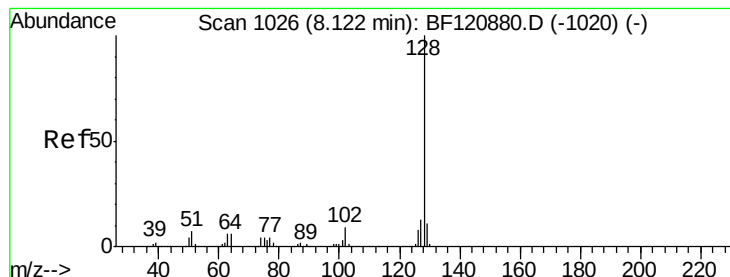
#30
1,2,4-Trichlorobenzene
Concen: 39.606 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:180 Resp: 427555
Ion Ratio Lower Upper
180 100
182 94.2 75.0 112.6
145 28.7 23.5 35.3



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: 40.405 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

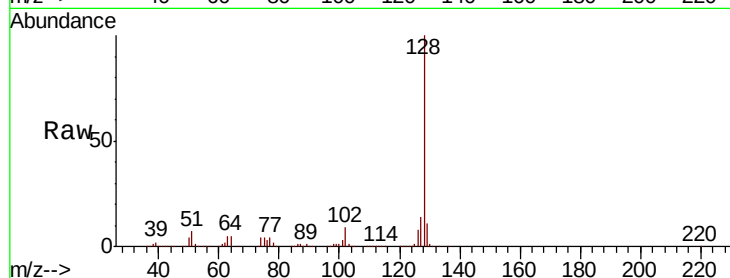
Tot Ion:128 Resp: 1374016

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

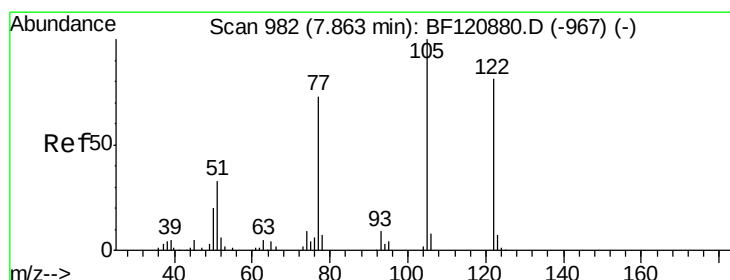
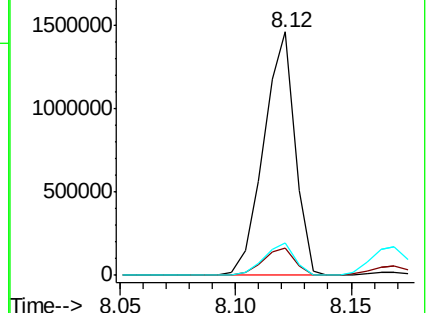
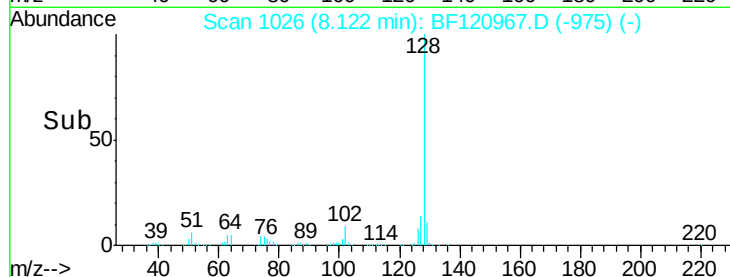
127 13.5 10.7 16.1



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: 22.134 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

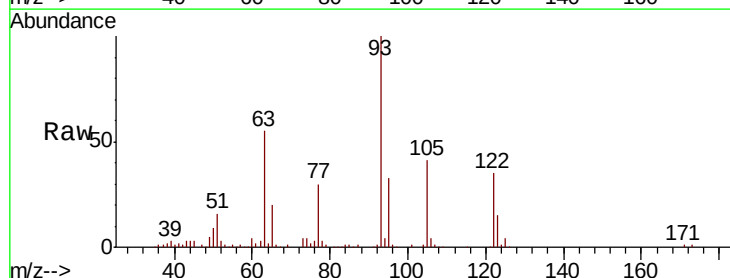
Tgt Ion:122 Resp: 158210

Ion Ratio Lower Upper

122 100

105 116.4 101.3 141.3

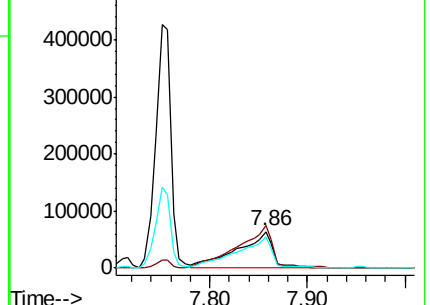
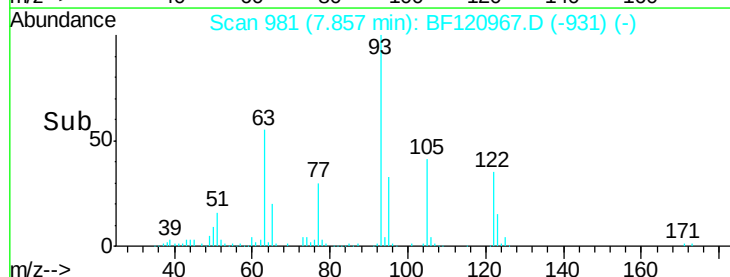
77 86.7 69.1 109.1

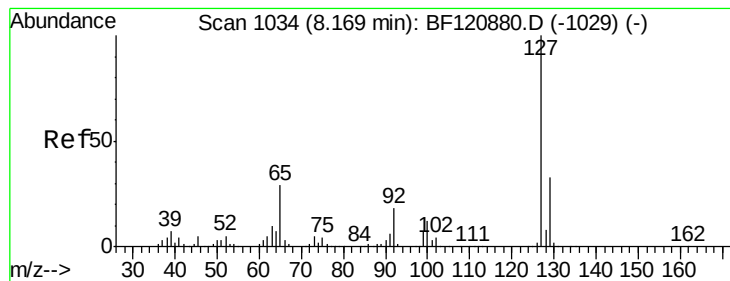


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.206 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 245848

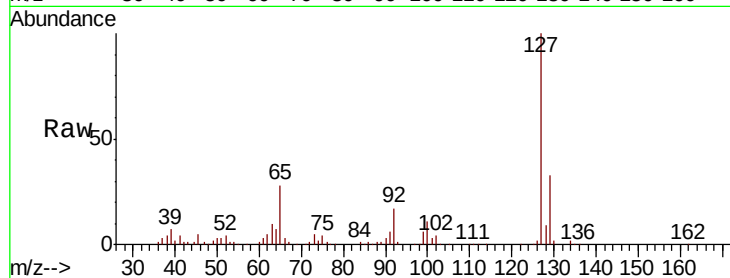
Ion Ratio Lower Upper

127 100

129 32.9 26.5 39.7

65 27.7 23.0 34.4

92 17.3 14.5 21.7

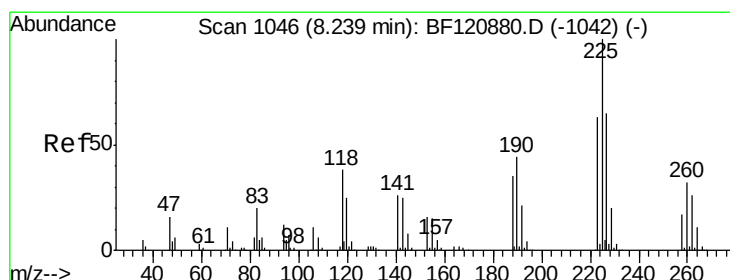
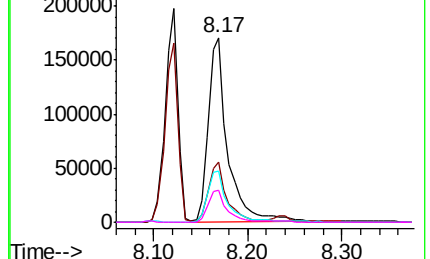
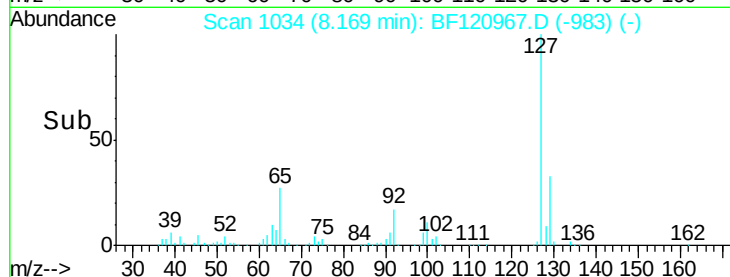


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.105 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

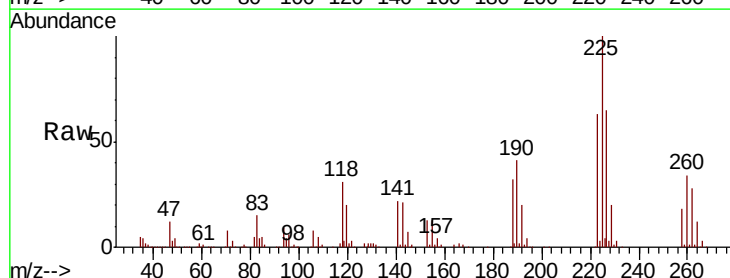
Tgt Ion:225 Resp: 236132

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

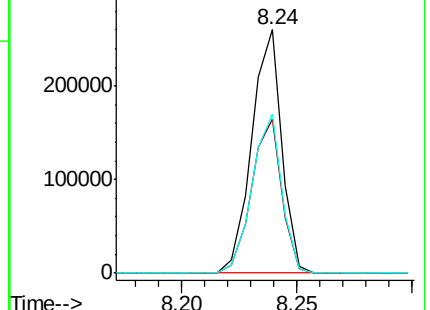
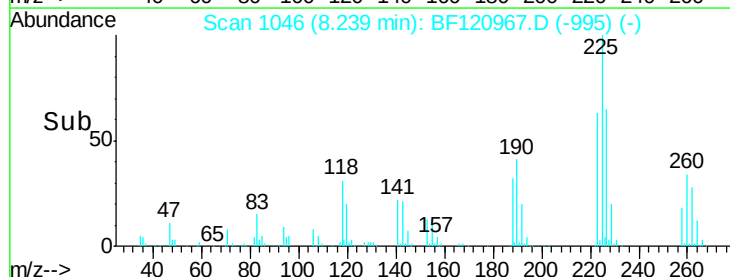
227 65.3 52.2 78.2

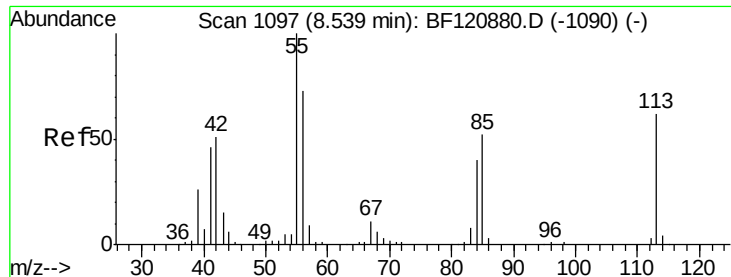


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

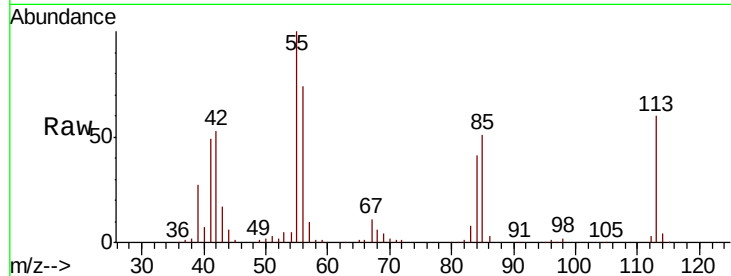




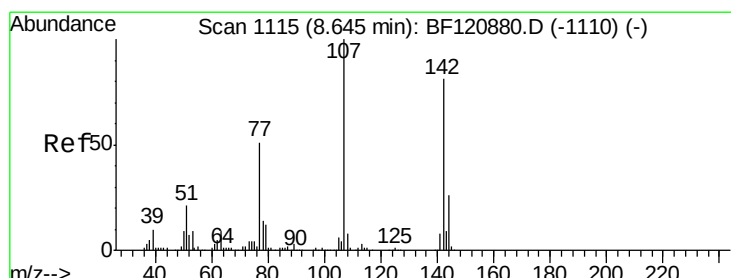
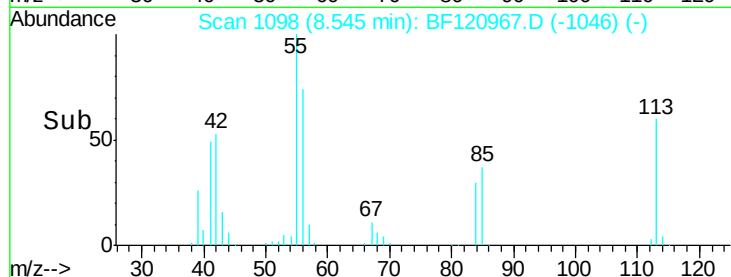
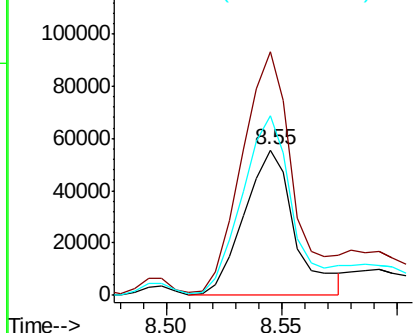
#35
Caprolactam
Concen: 26.891 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 83909
Ion Ratio Lower Upper
113 100
55 167.8 143.3 183.3
56 123.5 99.4 139.4

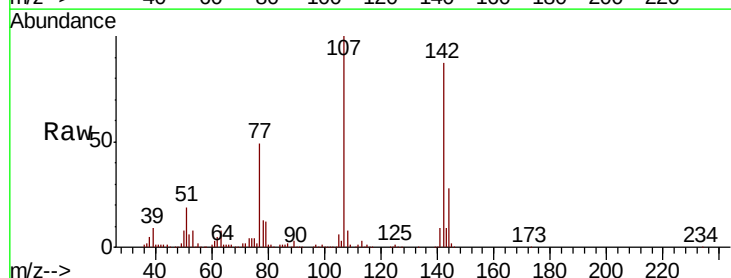


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

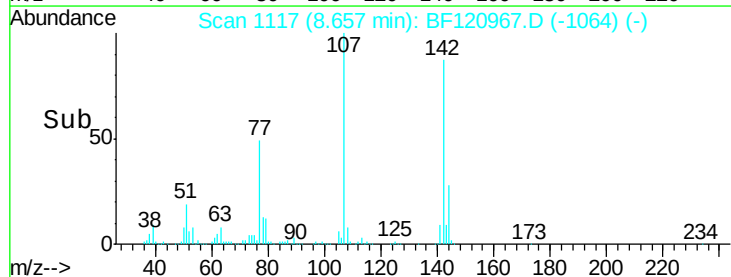
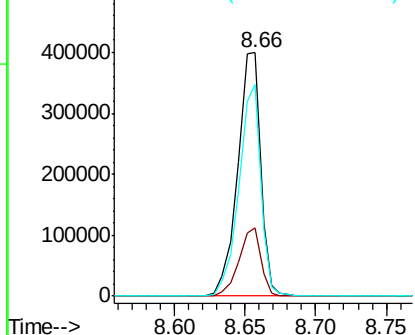


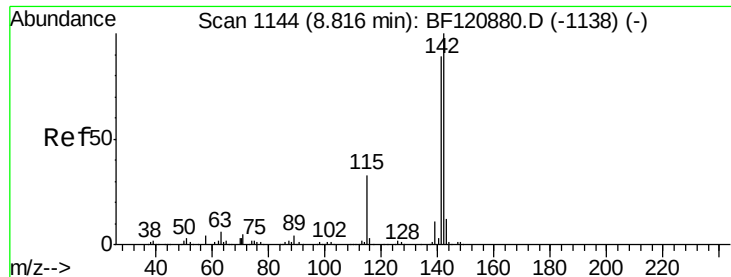
#36
4-Chloro-3-methylphenol
Concen: 45.672 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:107 Resp: 455768
Ion Ratio Lower Upper
107 100
144 28.2 21.0 31.6
142 86.9 65.0 97.6



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

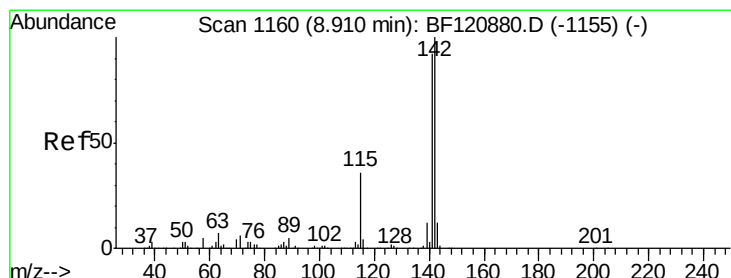
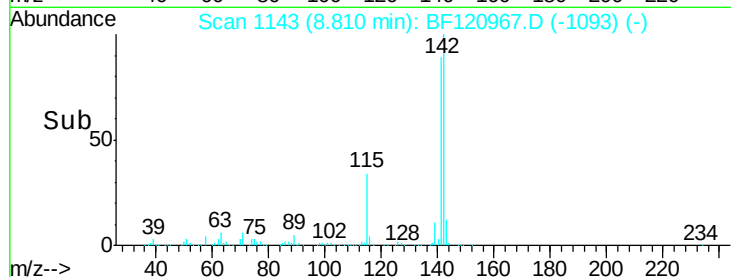
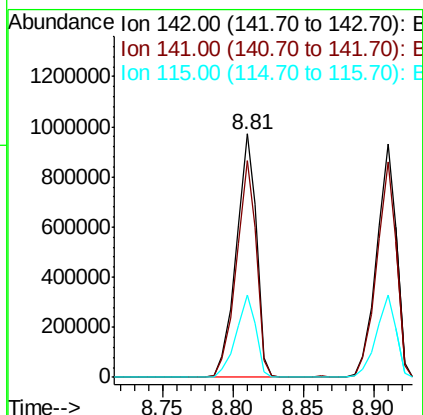
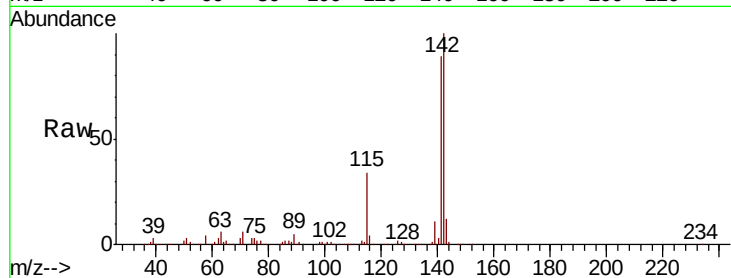




#37
2-Methylnaphthalene
Concen: 43.548 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

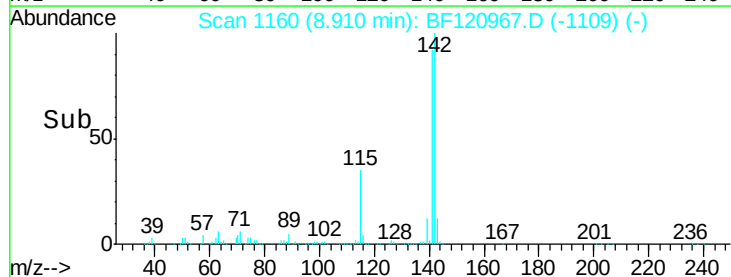
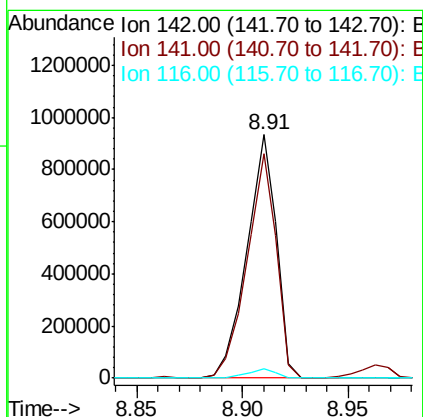
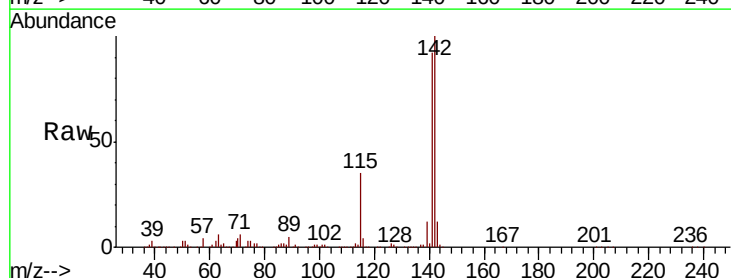
Instrument :
BNA_F
ClientSampleId :

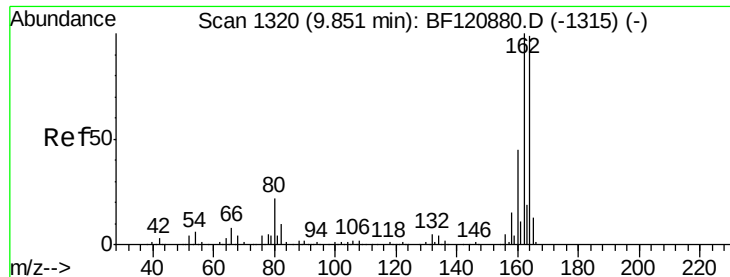
Tot Ion:142 Resp: 961563
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4
115 34.0 26.0 39.0



#38
1-Methylnaphthalene
Concen: 43.338 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:142 Resp: 906291
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5
116 3.7 3.0 4.6

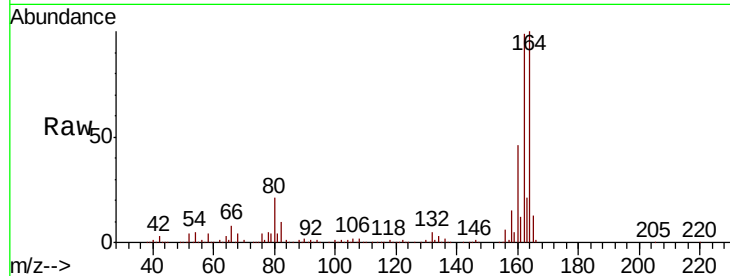




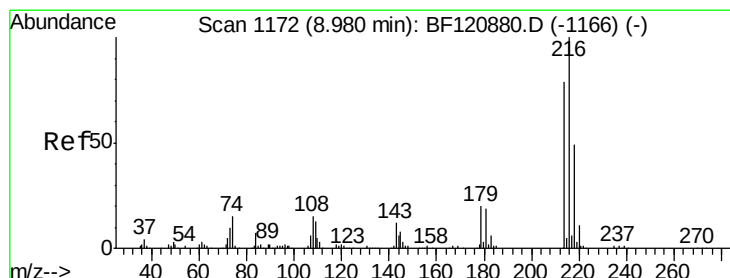
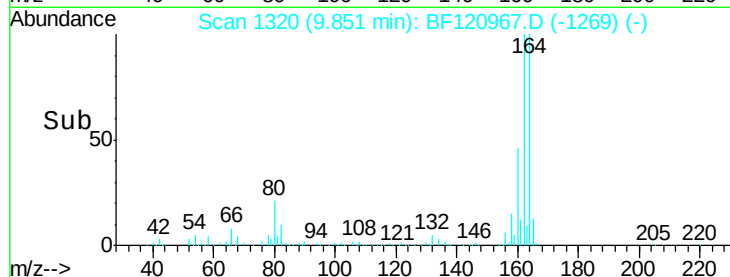
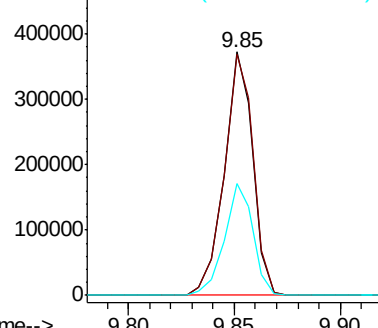
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.2	121.8
160	45.7	36.9	55.3



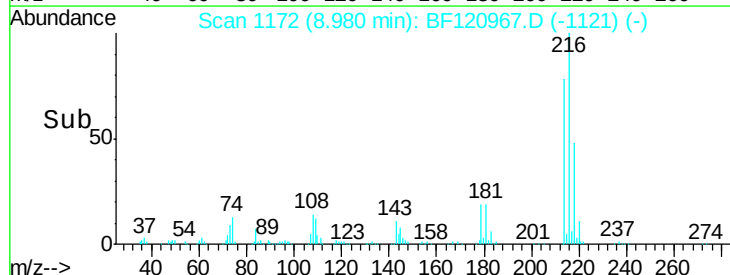
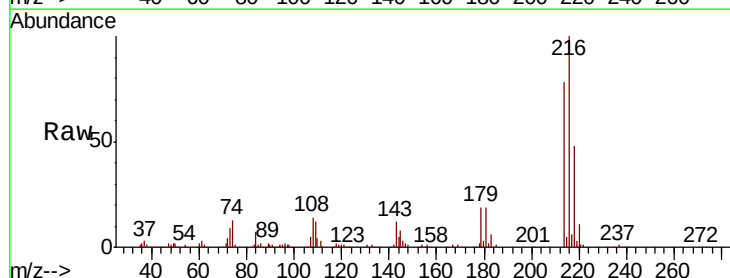
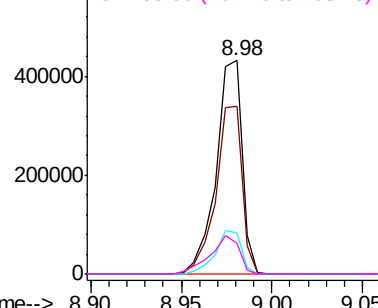
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

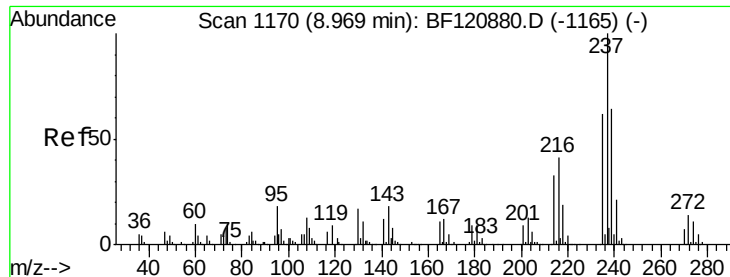


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.128 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	20.4	16.6	24.8
108	20.1	15.4	23.0

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

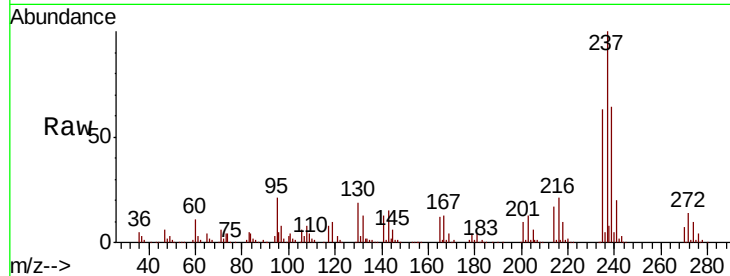




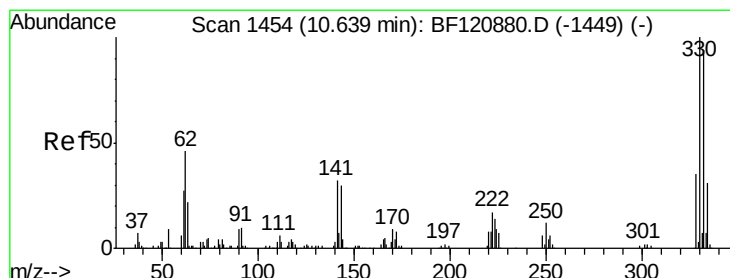
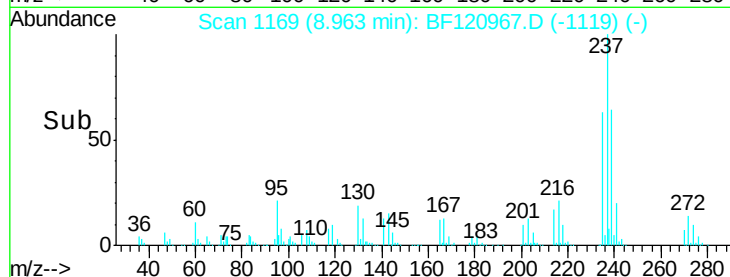
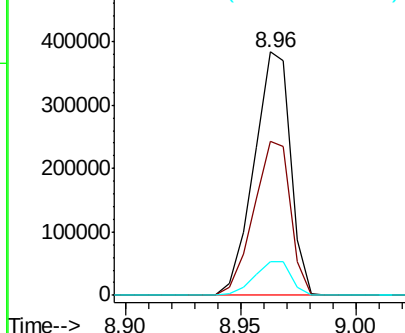
#41
Hexachlorocyclopentadiene
Concen: 75.069 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 422716
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 13.6 0.0 33.7

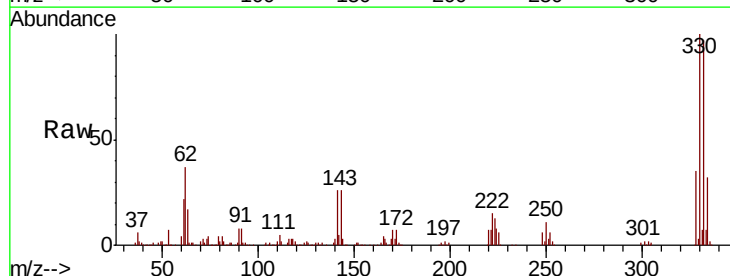


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

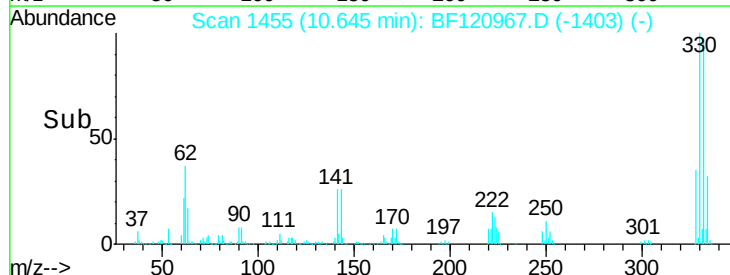
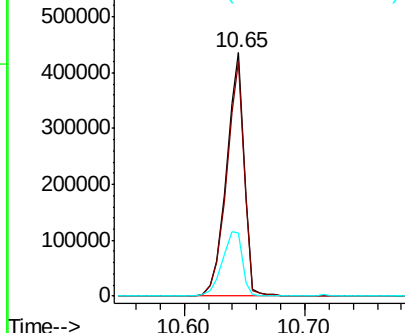


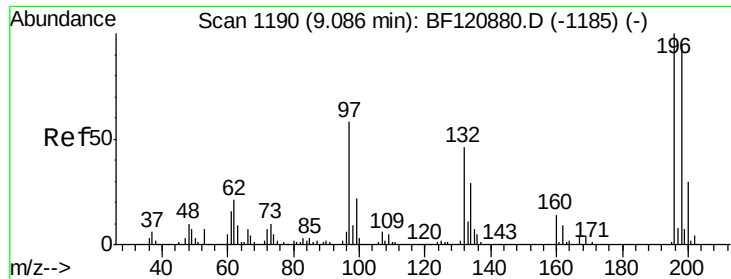
#42
2,4,6-Tribromophenol
Concen: 115.758 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:330 Resp: 443092
Ion Ratio Lower Upper
330 100
332 96.0 75.5 113.3
141 30.1 25.7 38.5



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

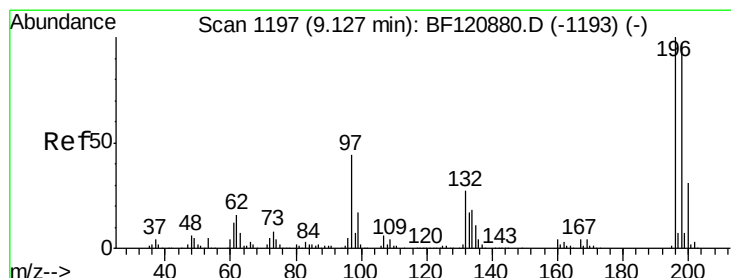
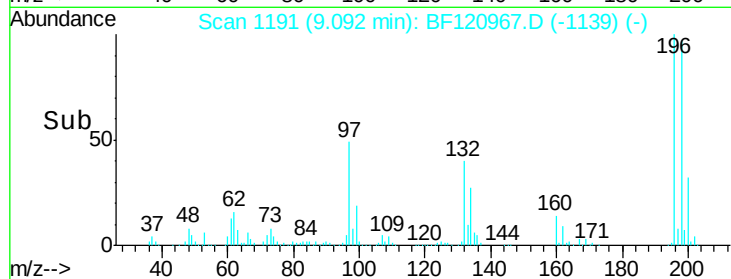
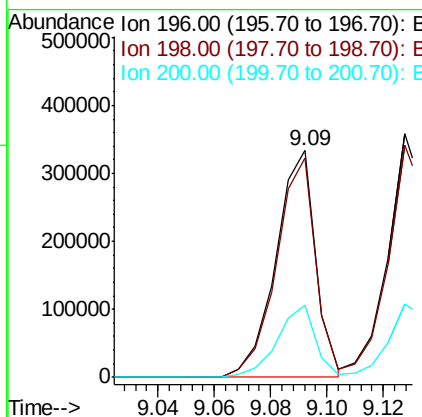
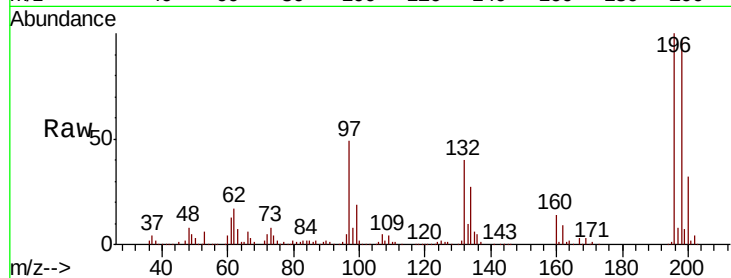




#43
 2,4,6-Trichlorophenol
 Concen: 45.247 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

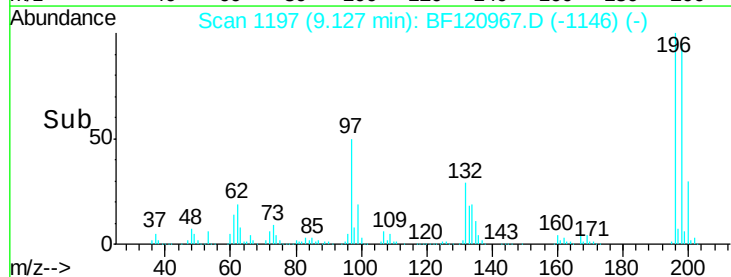
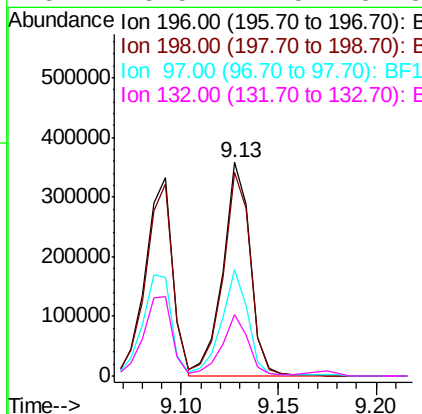
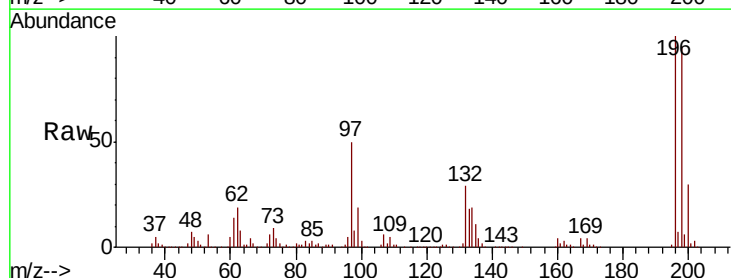
Instrument :
 BNA_F
 ClientSampled :

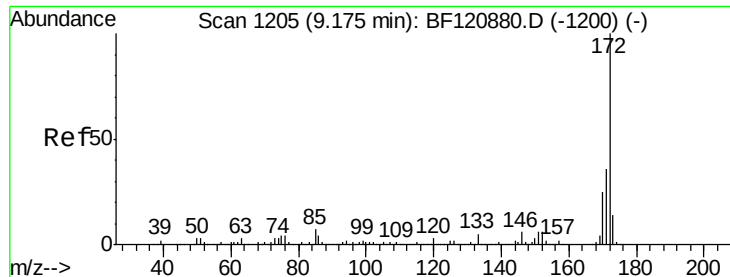
Tot Ion:196 Resp: 324590
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.684 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:196 Resp: 347331
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.6 116.4
 97 49.9 35.6 53.4
 132 28.5 21.5 32.3

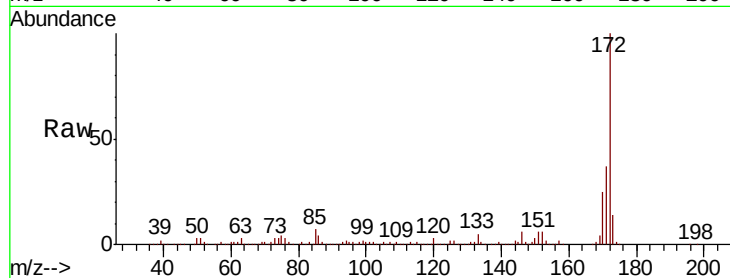




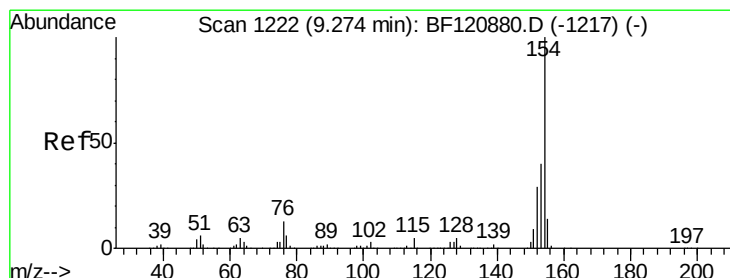
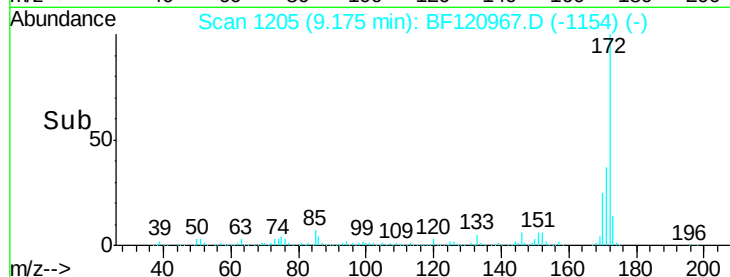
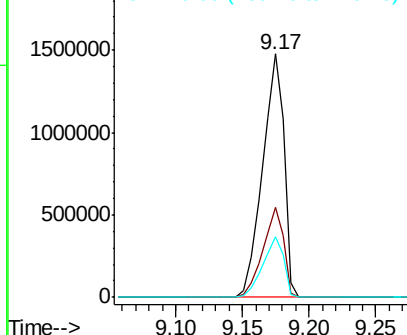
#45
2-Fluorobiphenyl
Concen: 69.700 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1632475
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.6 19.6 29.4

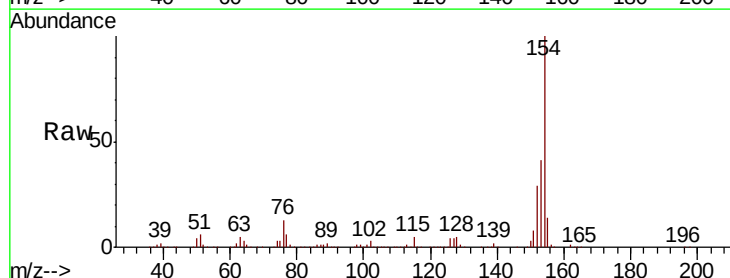


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

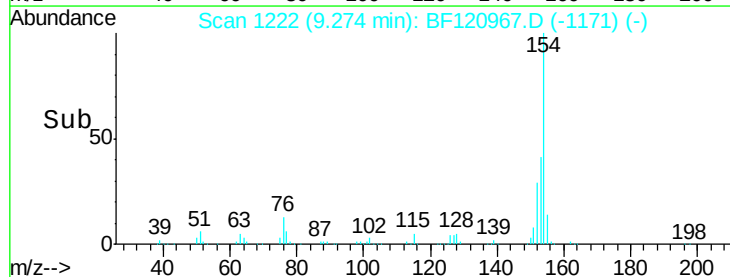
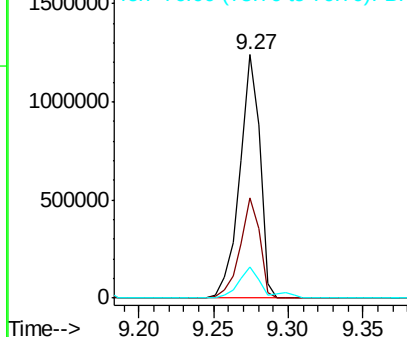


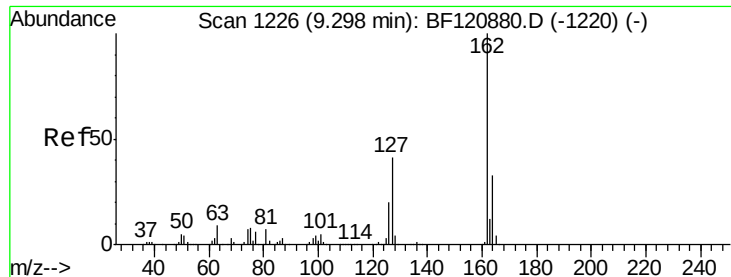
#46
1,1'-Biphenyl
Concen: 43.705 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:154 Resp: 1165825
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 13.0 0.0 33.1



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

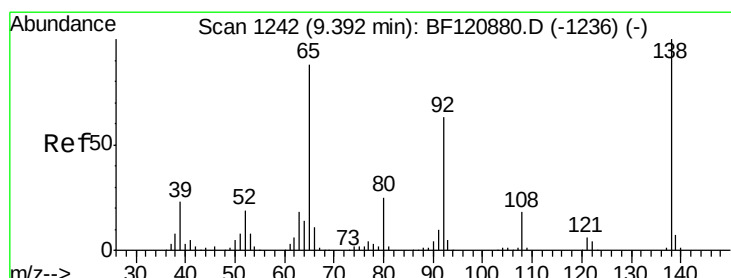
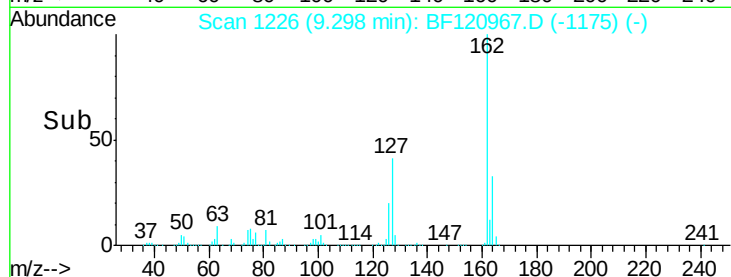
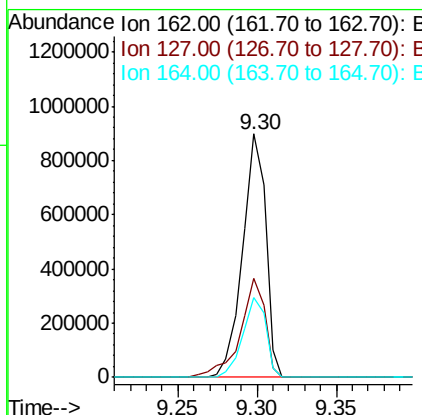
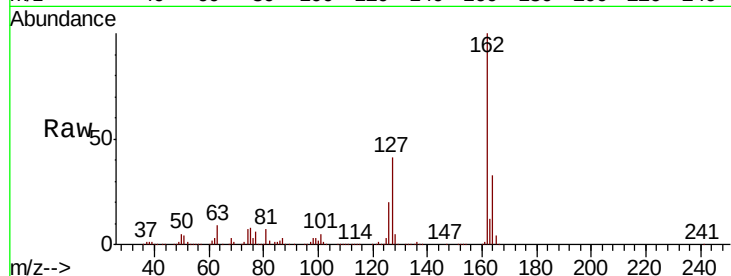




#47
 2-Chloronaphthalene
 Concen: 41.726 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

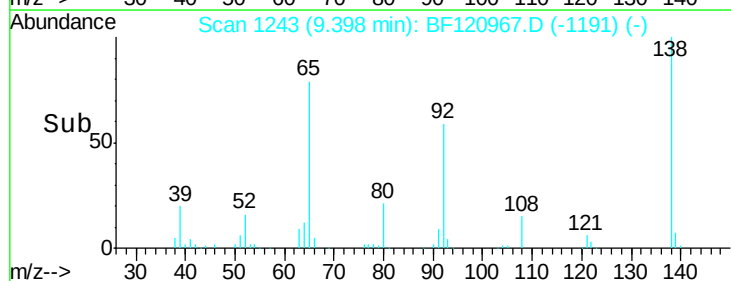
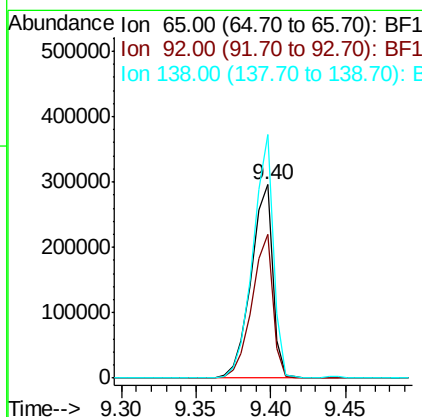
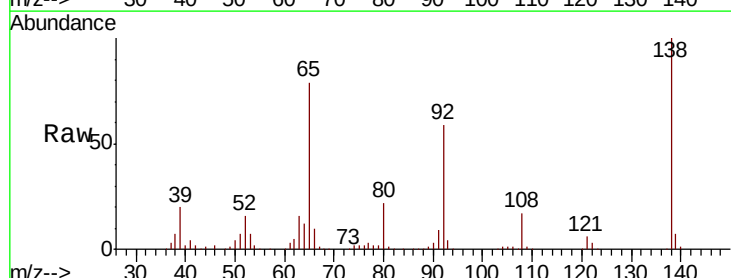
Instrument :
 BNA_F
 ClientSampleId :

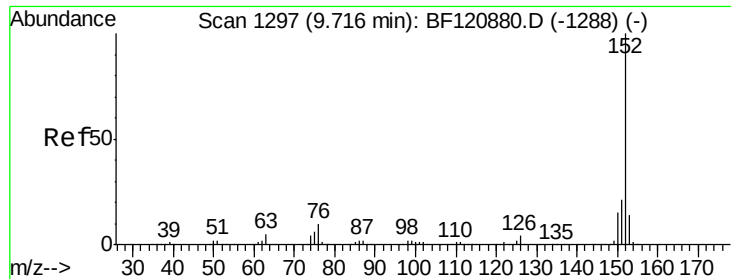
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.3	49.9
164	32.8	26.6	39.8



#48
 2-Nitroaniline
 Concen: 45.144 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	57.0	85.4
138	126.0	90.4	135.6





#49

Acenaphthylene

Concen: 43.360 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

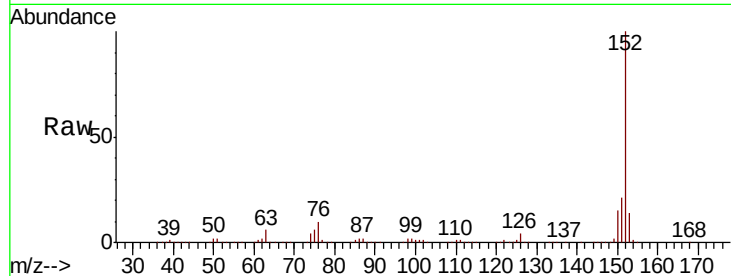
Tot Ion:152 Resp: 1464955

Ion Ratio Lower Upper

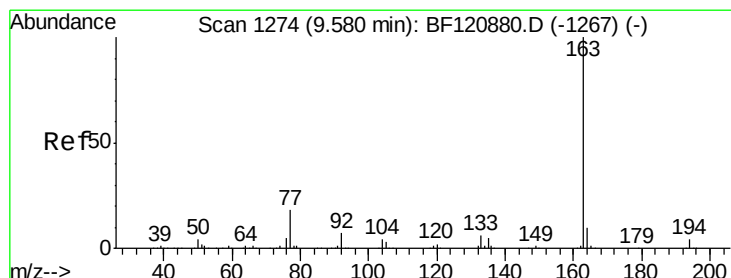
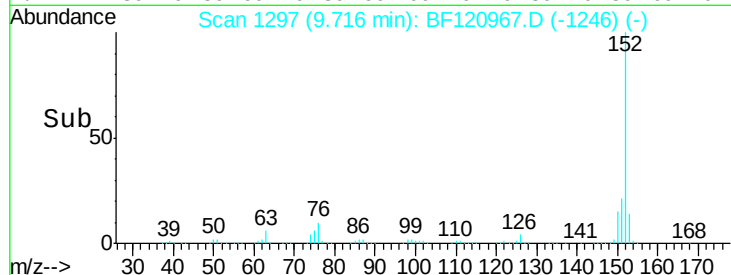
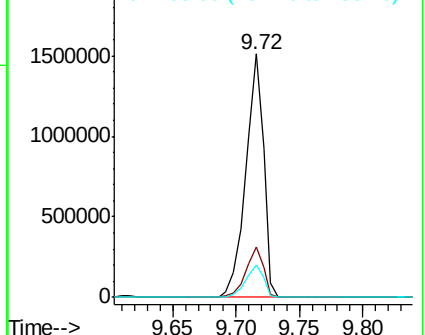
152 100

151 20.6 16.6 25.0

153 13.5 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: 52.872 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

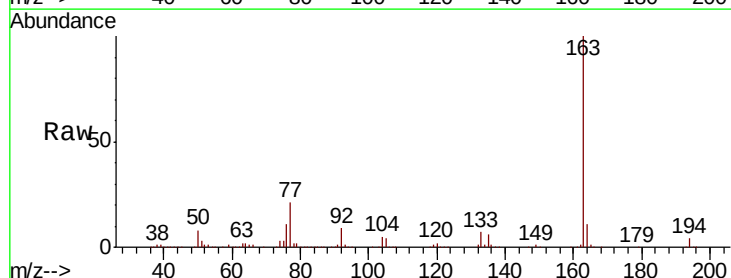
Tgt Ion:163 Resp: 1333861

Ion Ratio Lower Upper

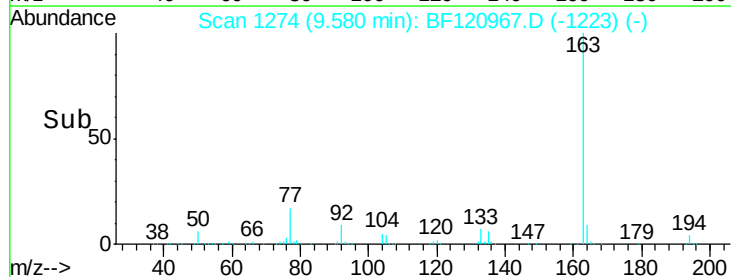
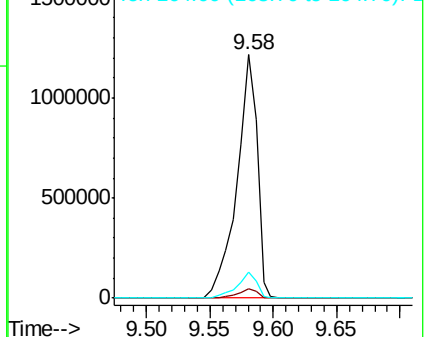
163 100

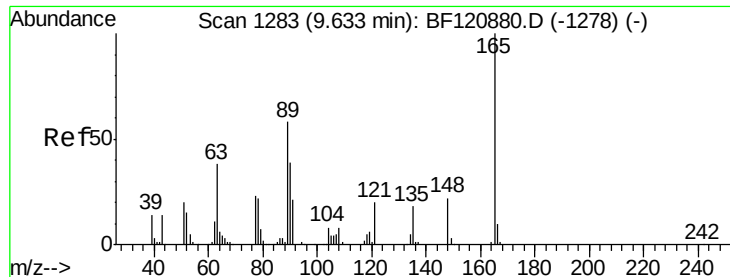
194 3.9 3.2 4.8

164 10.8 7.9 11.9



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

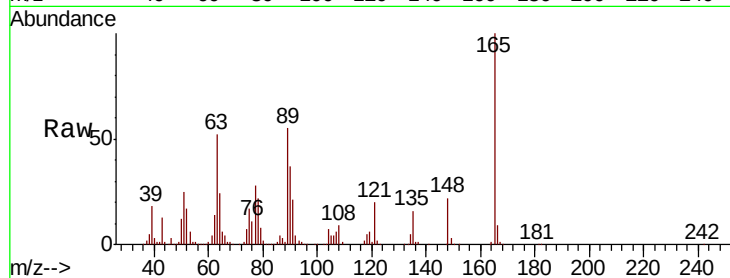




#51
2,6-Dinitrotoluene
Concen: 47.012 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

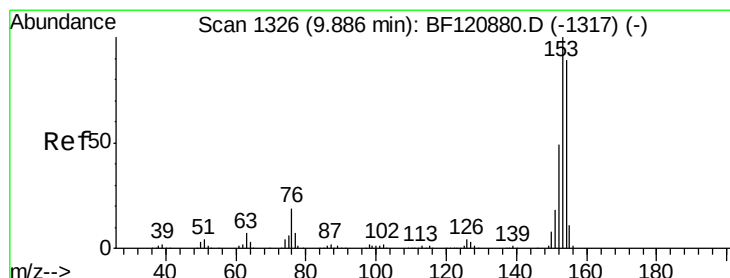
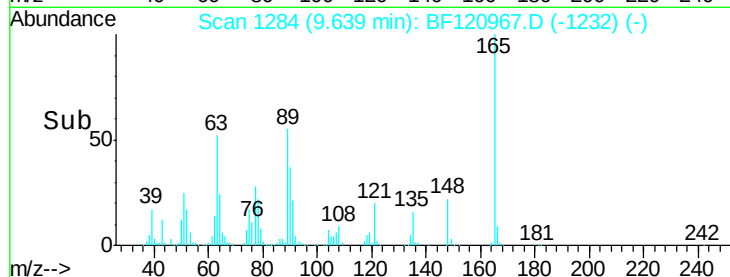
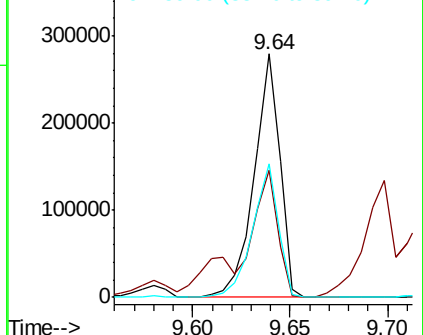
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	45.4	68.2
89	55.1	47.0	70.4



Abundance Ion 165.00 (164.70 to 165.70): E

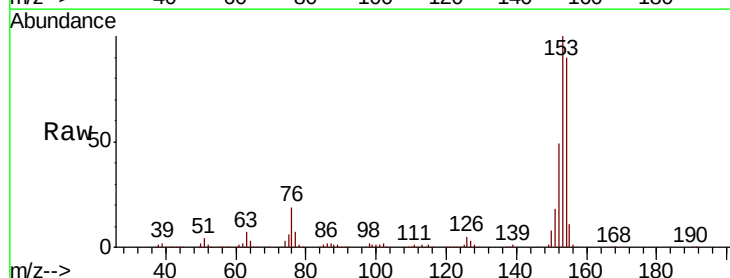
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 43.253 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

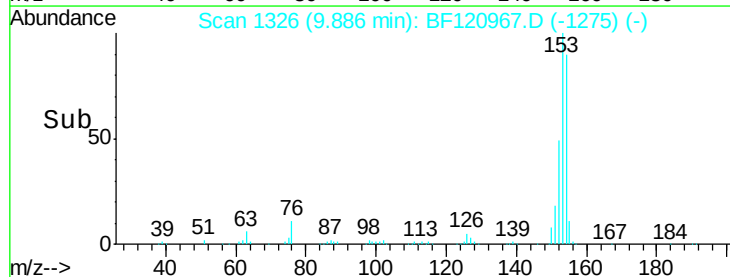
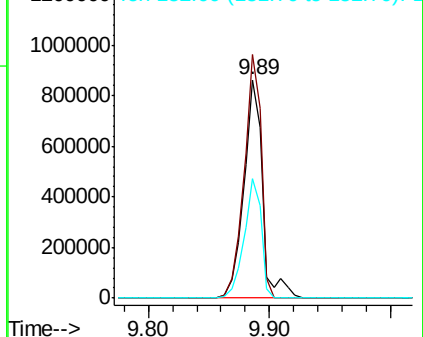
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.5	134.3
152	55.0	44.2	66.2

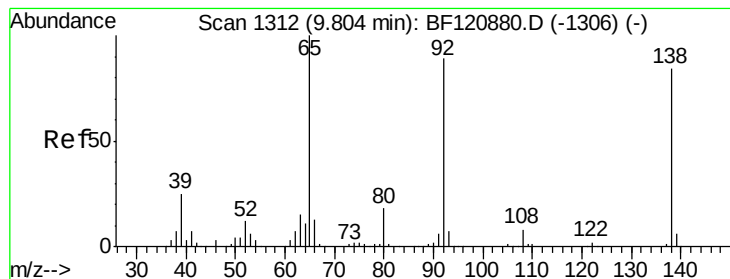


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.348 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampled :

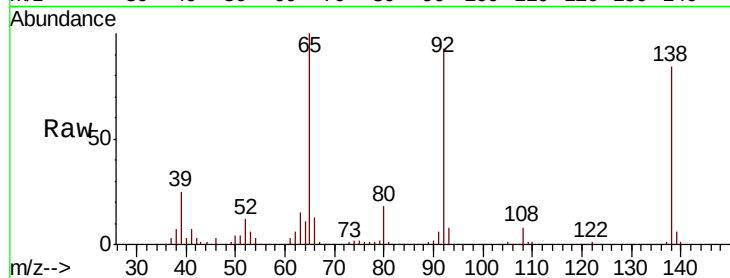
Tot Ion:138 Resp: 151915

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

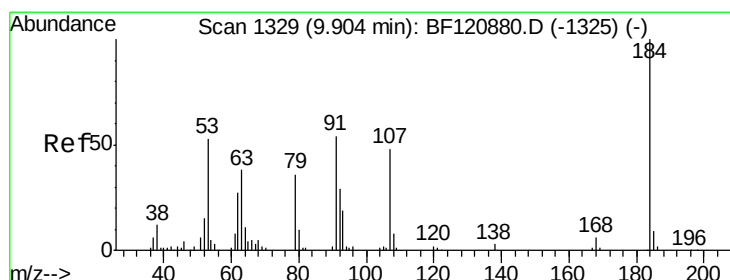
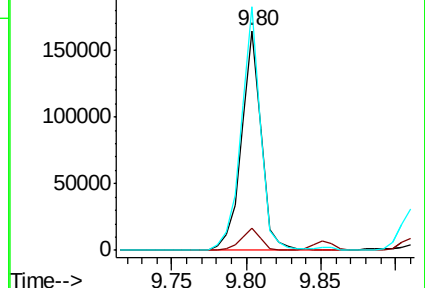
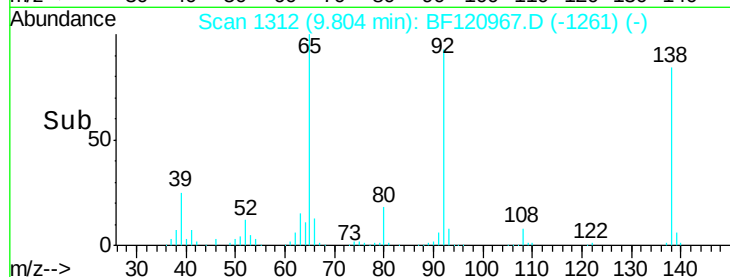
92 110.9 85.3 127.9



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: 39.688 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

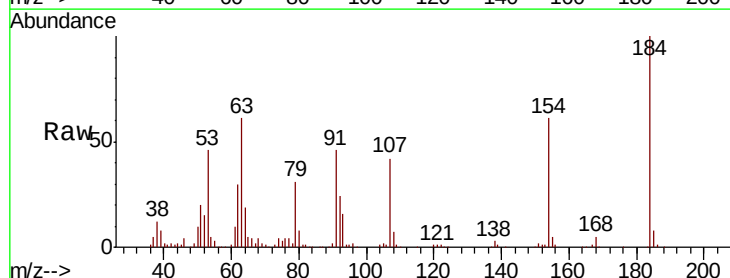
Tgt Ion:184 Resp: 112074

Ion Ratio Lower Upper

184 100

63 60.5 57.9 86.9

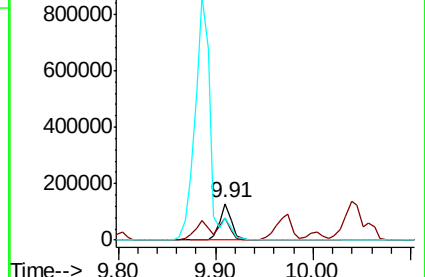
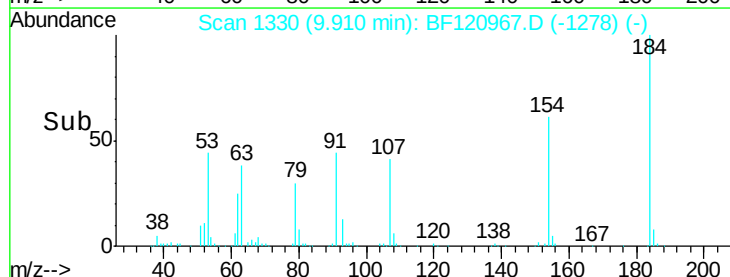
154 61.0 52.6 78.8

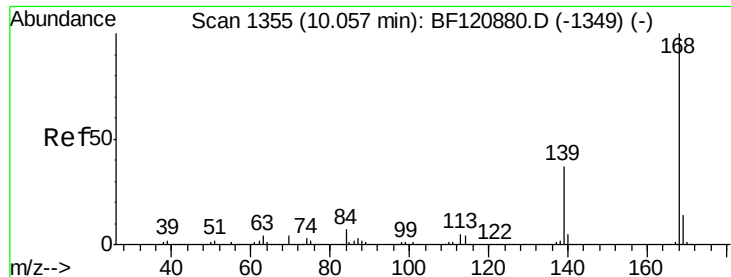


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

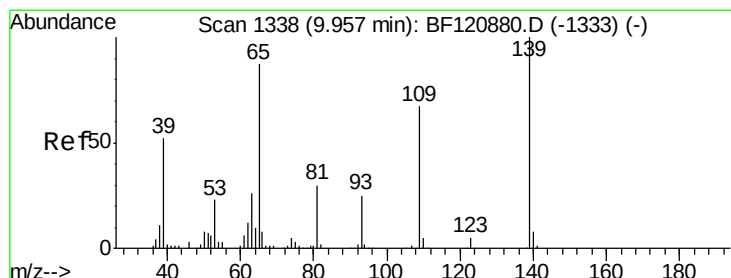
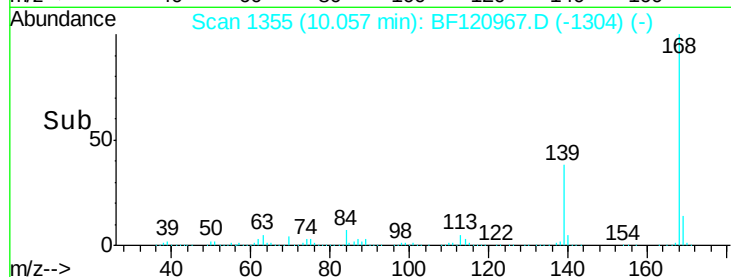
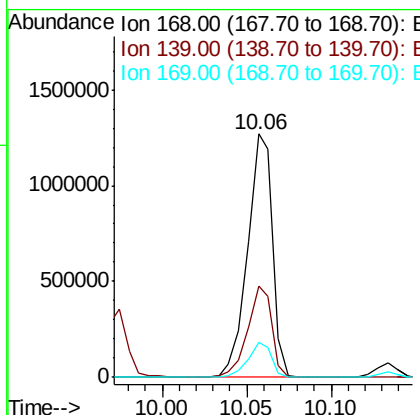
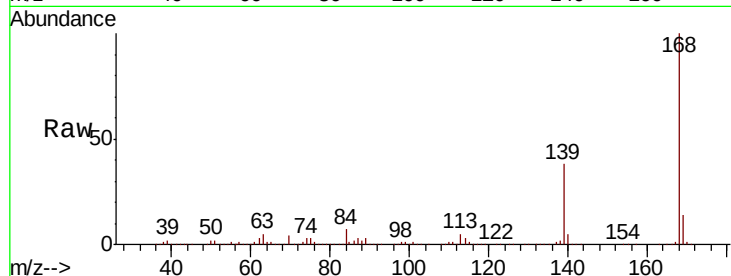




#55
Dibenzenofuran
Concen: 42.120 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

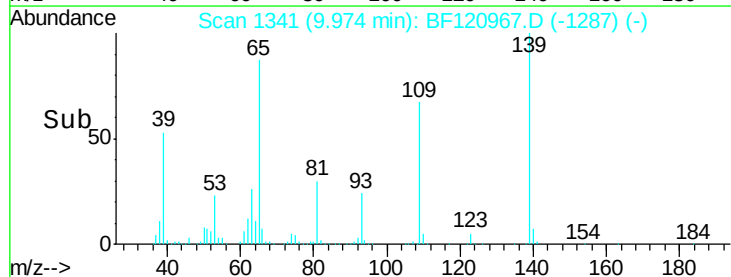
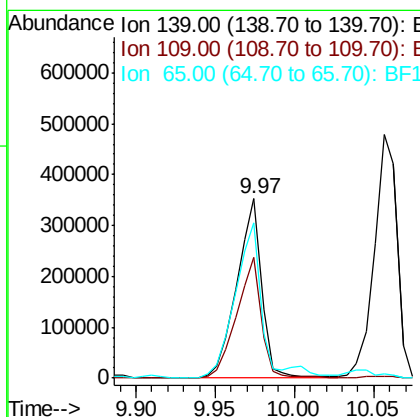
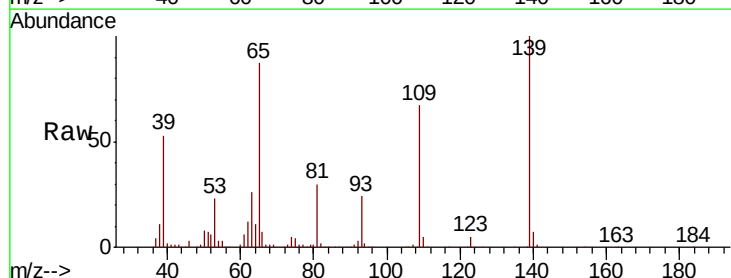
Instrument :
BNA_F
ClientSampleId :

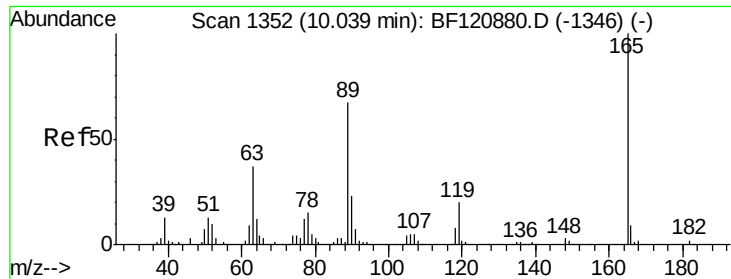
Tot Ion:168 Resp: 1308345
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 74.838 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:139 Resp: 386443
Ion Ratio Lower Upper
139 100
109 67.2 47.3 87.3
65 86.7 67.2 107.2

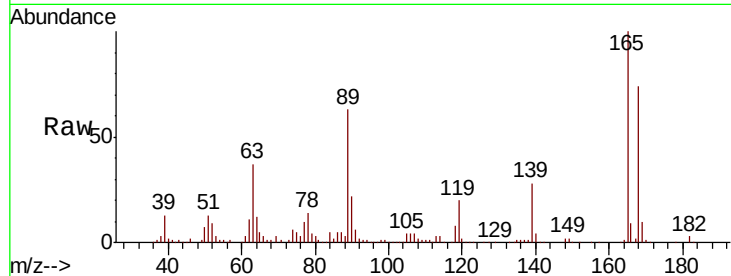




#57
2,4-Dinitrotoluene
Concen: 48.278 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	29.4	44.2
89	63.1	53.4	80.0
182	2.5	1.8	2.6



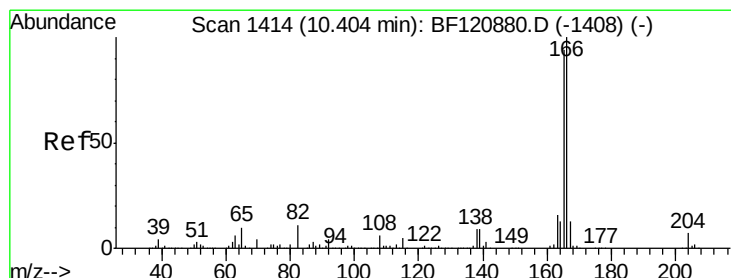
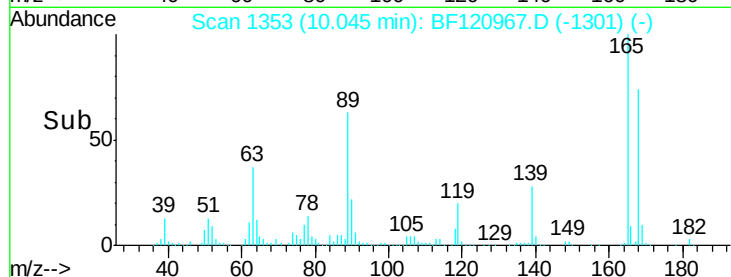
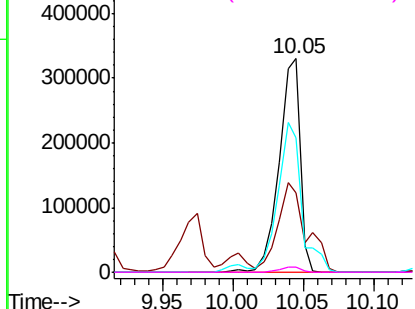
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

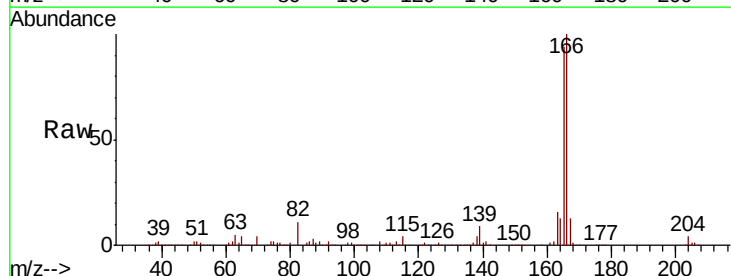
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.644 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.4	113.0
167	13.4	10.6	15.8

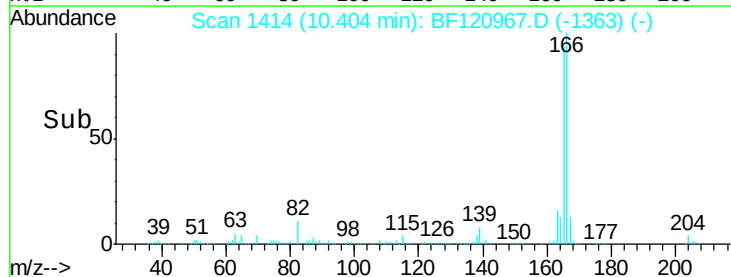
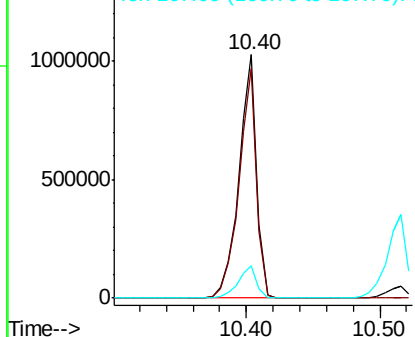


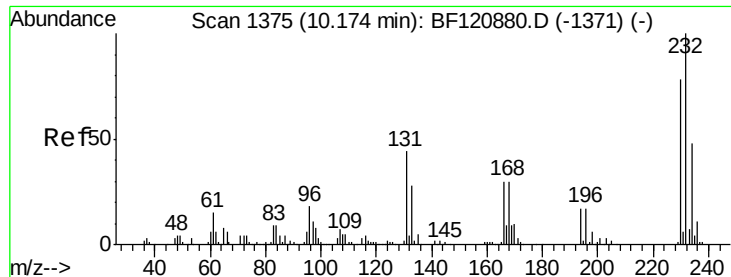
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

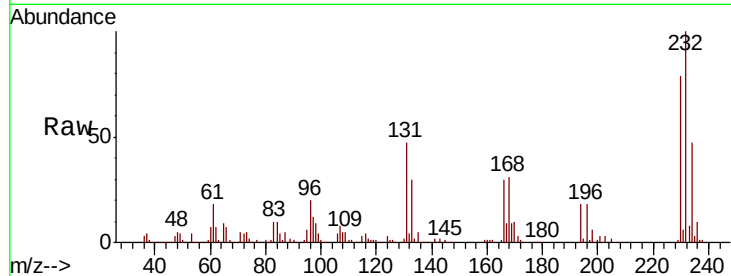




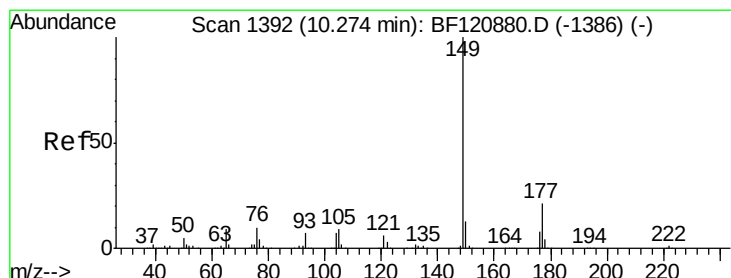
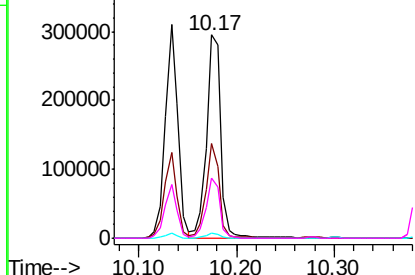
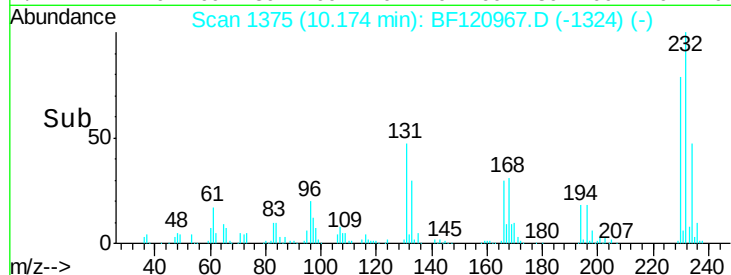
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.432 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 300067
 Ion Ratio Lower Upper
 232 100
 131 43.2 37.1 55.7
 130 2.1 1.7 2.5
 166 28.5 24.2 36.4

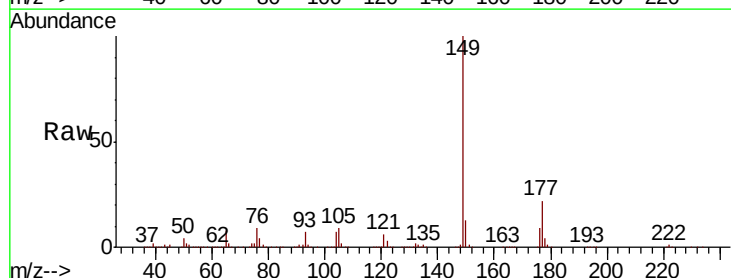


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

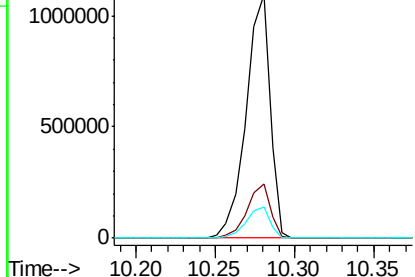
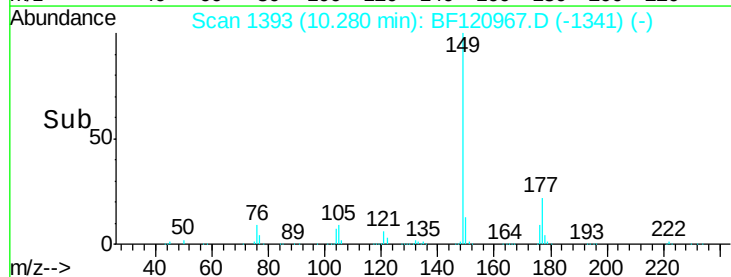


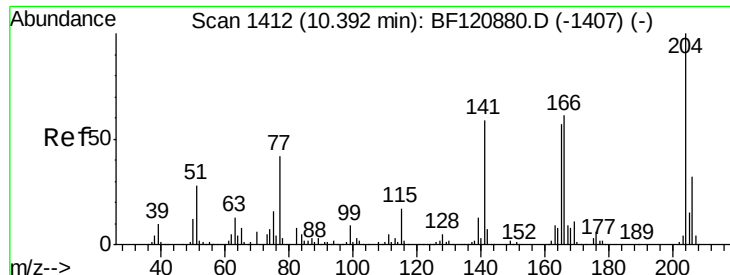
#60
 Diethylphthalate
 Concen: 44.905 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:149 Resp: 1145871
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.1 25.7
 150 12.7 10.3 15.5



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

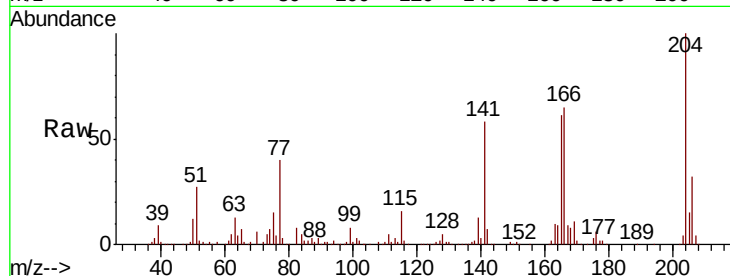




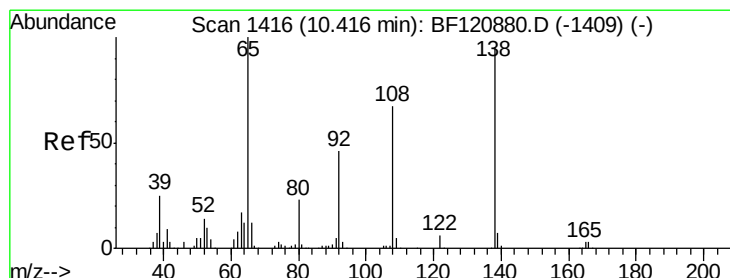
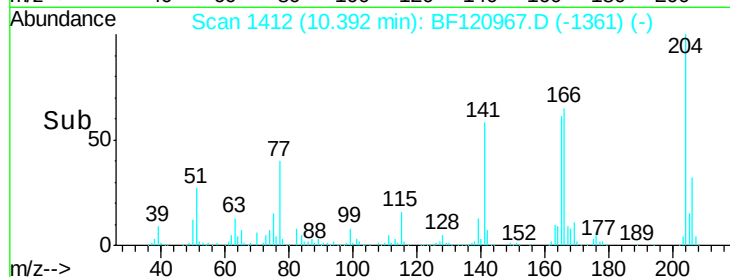
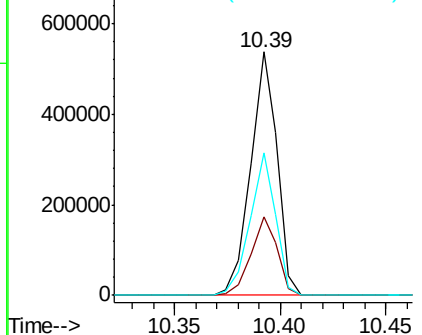
#61
4-Chlorophenyl-phenylether
Concen: 37.745 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 466400
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 58.3 47.2 70.8

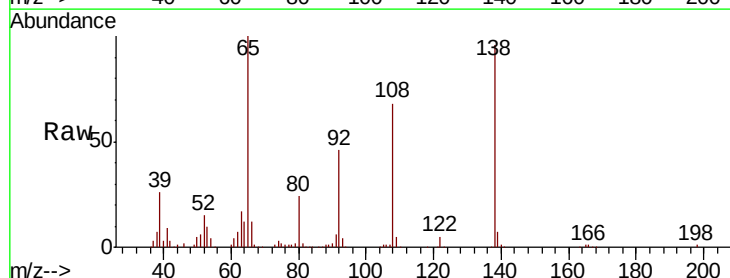


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

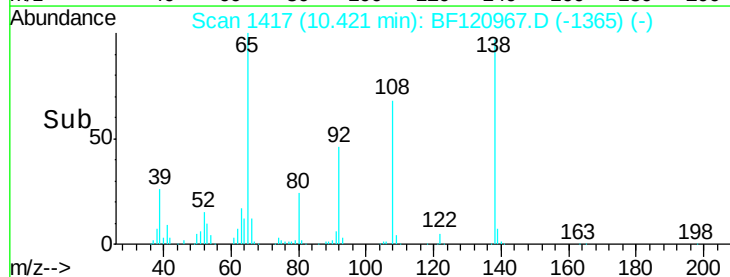
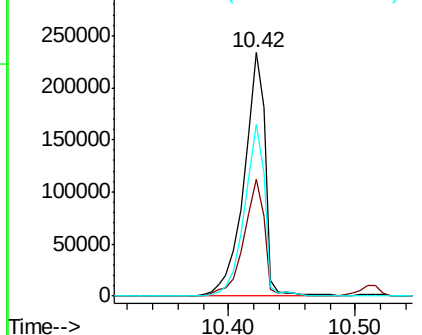


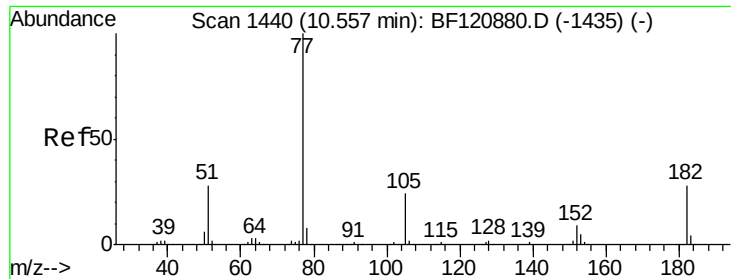
#62
4-Nitroaniline
Concen: 40.797 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:138 Resp: 270145
Ion Ratio Lower Upper
138 100
92 48.1 28.6 68.6
108 70.6 51.1 91.1



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

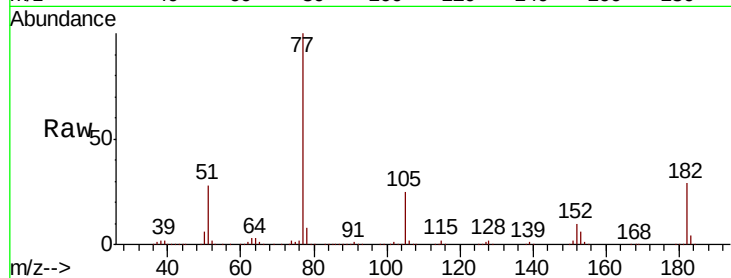




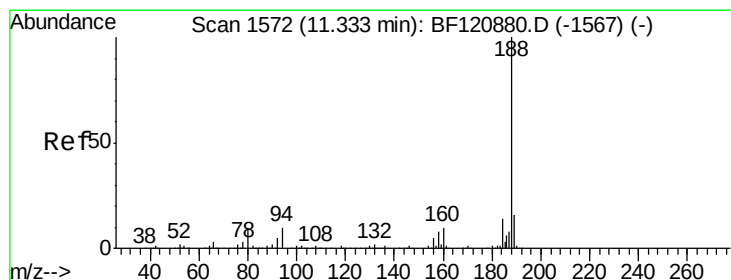
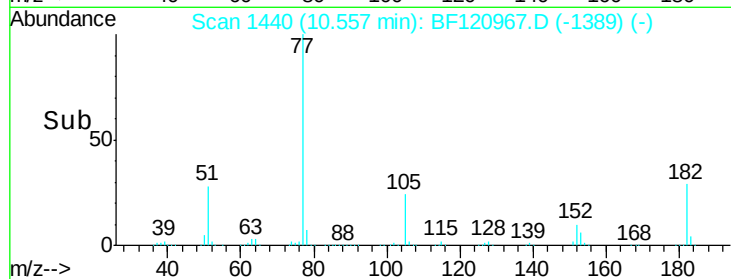
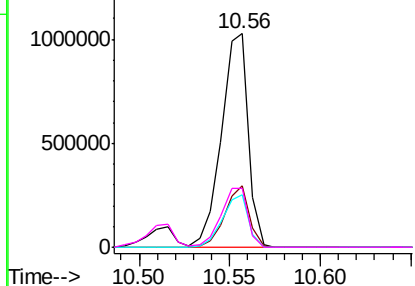
#63
Azobenzene
Concen: 43.426 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1054959
Ion Ratio Lower Upper
77 100
182 29.1 7.8 47.8
105 24.7 4.4 44.4
51 27.7 8.0 48.0

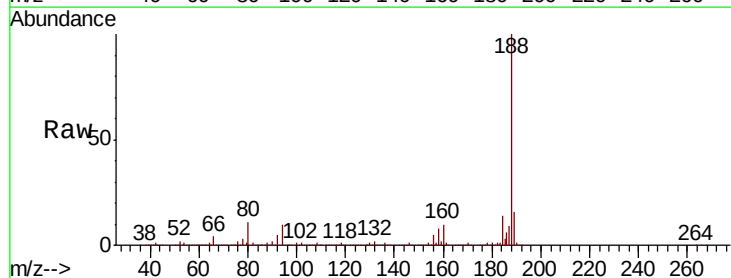


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

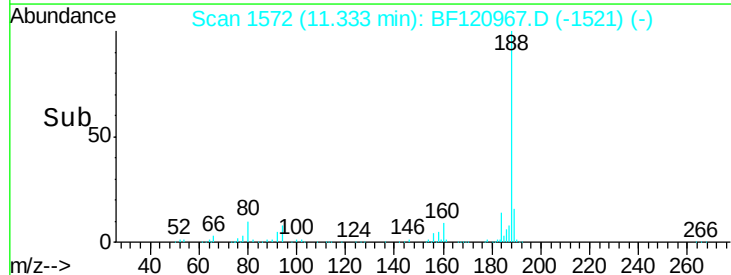
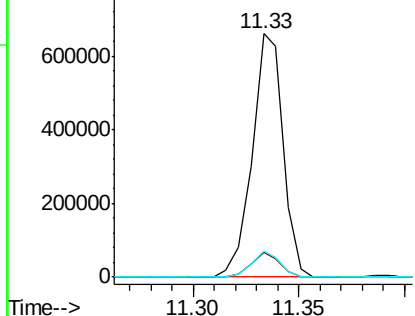


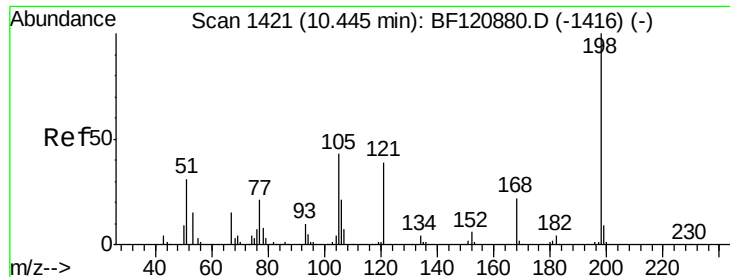
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion: 188 Resp: 671983
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.6 8.3 12.5



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

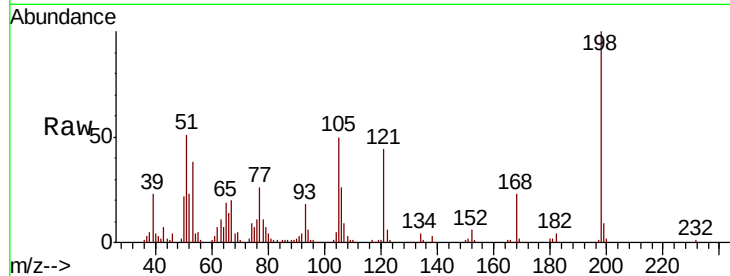




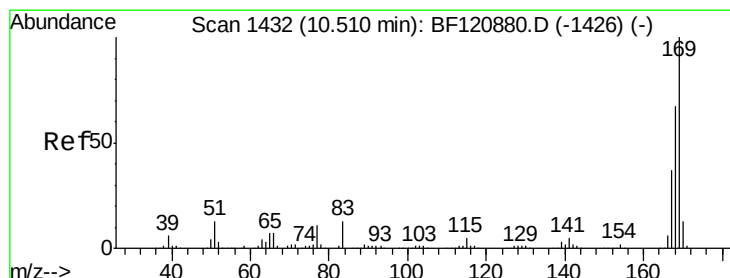
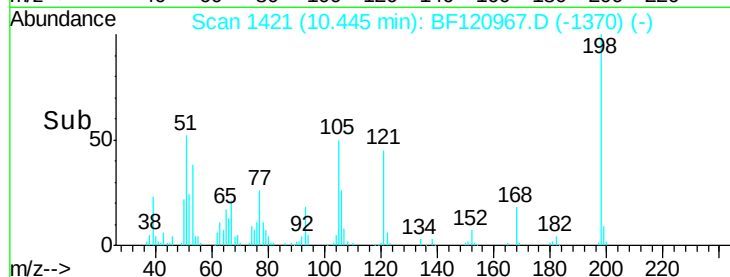
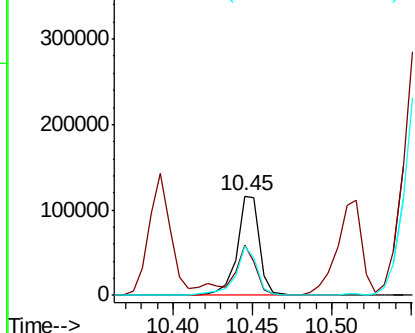
#65
4,6-Dinitro-2-methylphenol
Concen: 30.638 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 113282
Ion Ratio Lower Upper
198 100
51 51.2 19.5 59.5
105 49.6 24.4 64.4

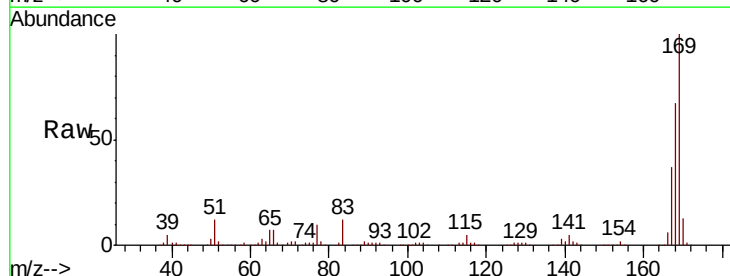


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

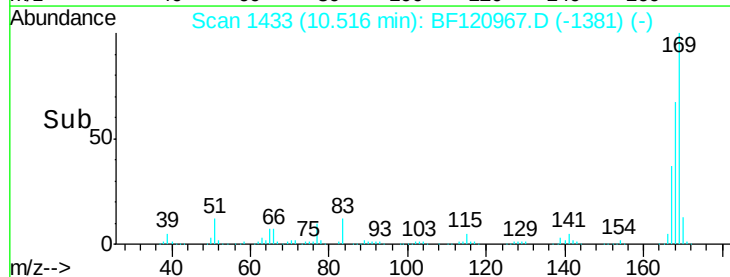
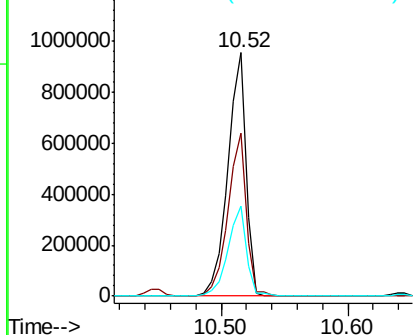


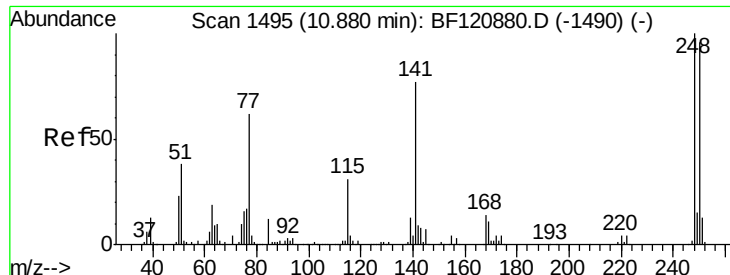
#66
n-Nitrosodiphenylamine
Concen: 44.723 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:169 Resp: 945403
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 37.1 29.4 44.0



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

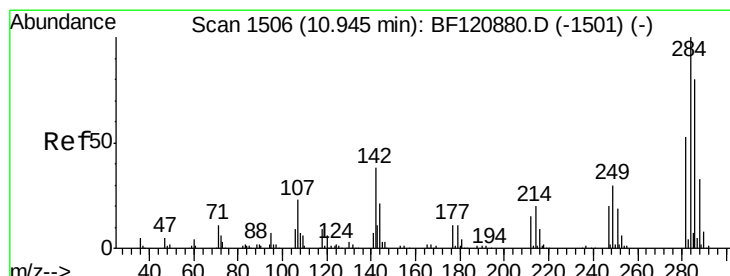
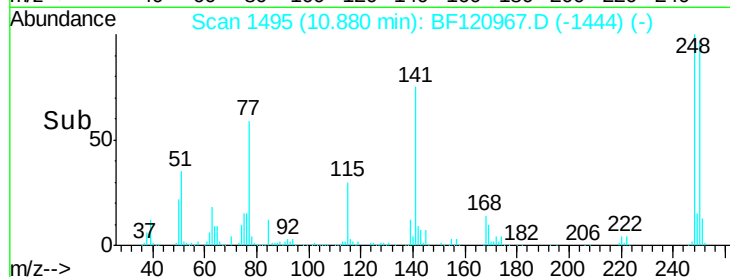
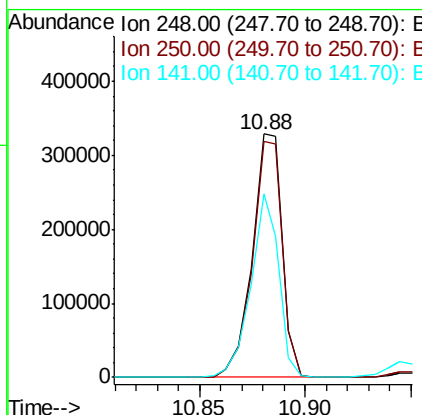
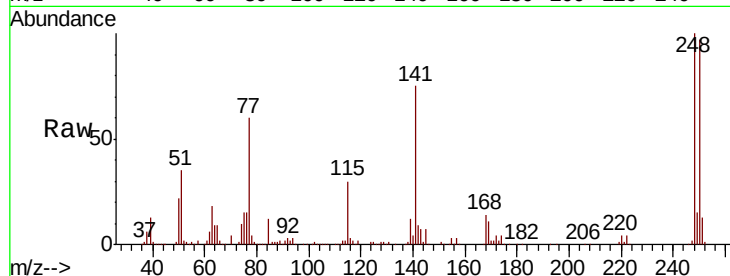




#67
4-Bromophenyl-phenylether
Concen: 43.431 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

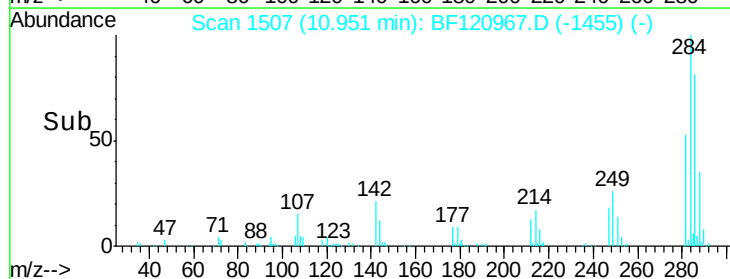
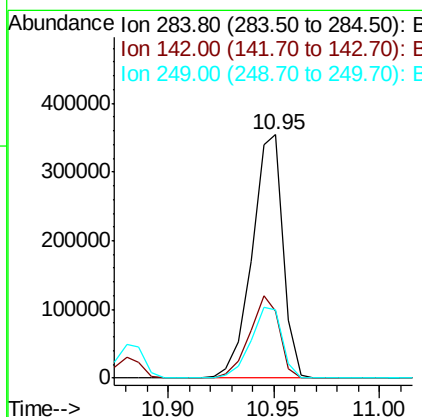
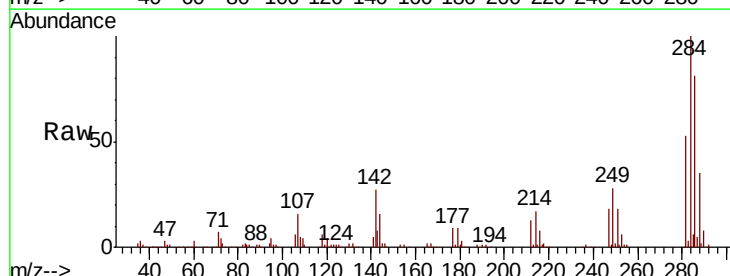
Instrument :
BNA_F
ClientSampled :

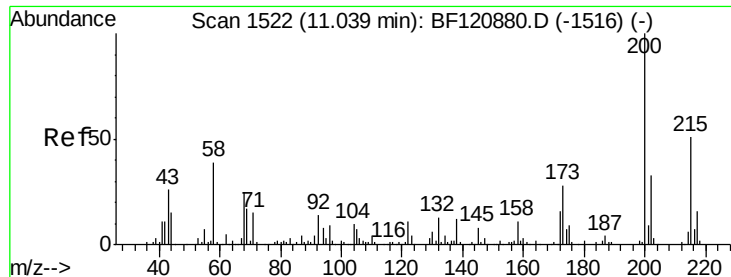
Tot Ion:248 Resp: 325387
Ion Ratio Lower Upper
248 100
250 97.1 77.1 115.7
141 75.5 61.2 91.8



#68
Hexachlorobenzene
Concen: 44.497 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:284 Resp: 360626
Ion Ratio Lower Upper
284 100
142 27.5 30.2 45.2#
249 28.3 24.2 36.2





#69

Atrazine

Concen: 52.126 ng

RT: 11.04 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

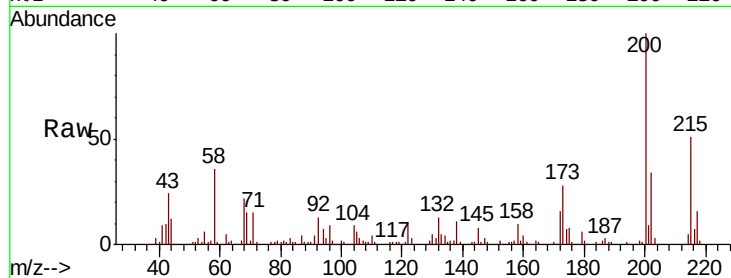
Tot Ion:200 Resp: 272897

Ion Ratio Lower Upper

200 100

173 27.7 8.0 48.0

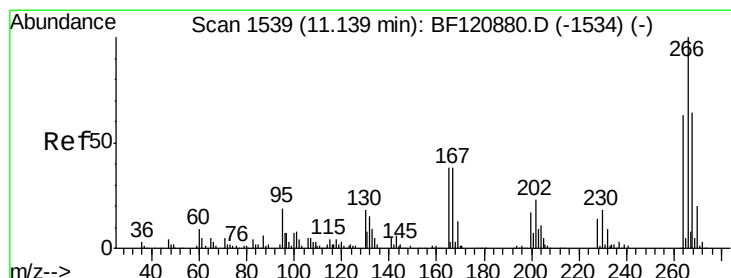
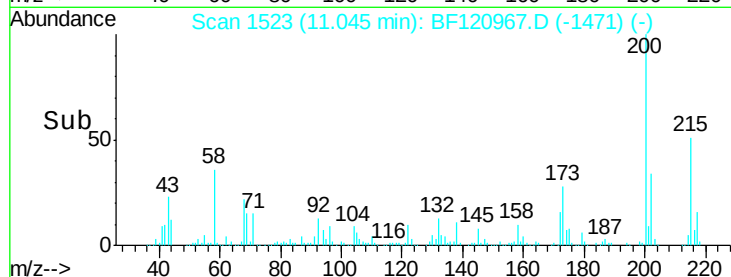
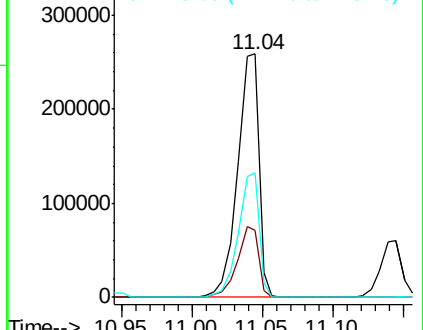
215 51.2 31.5 71.5



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: 84.038 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

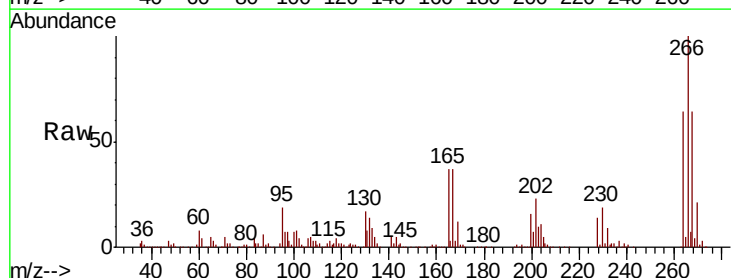
Tgt Ion:266 Resp: 390183

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

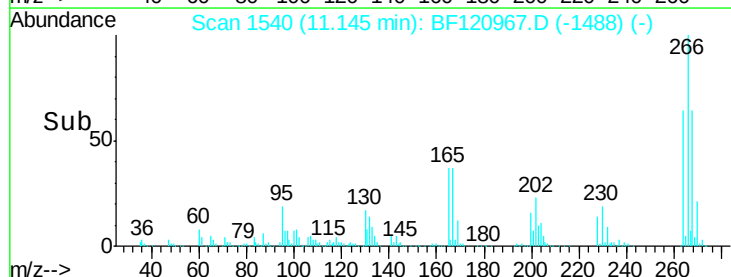
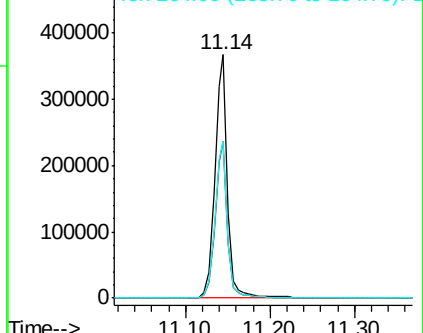
264 64.1 50.2 75.2

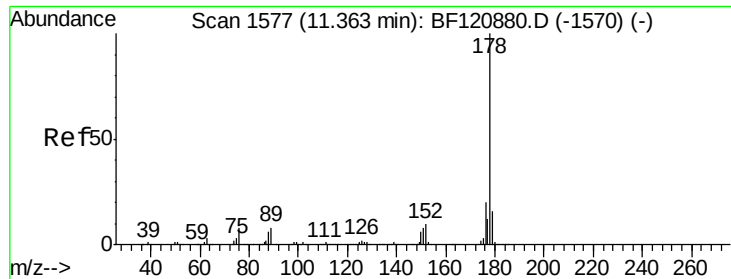


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.742 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

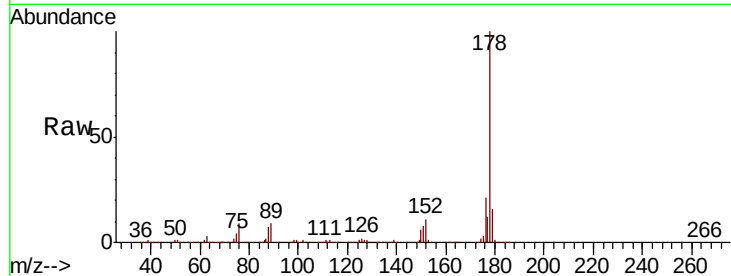
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1477189

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.1	12.8	19.2

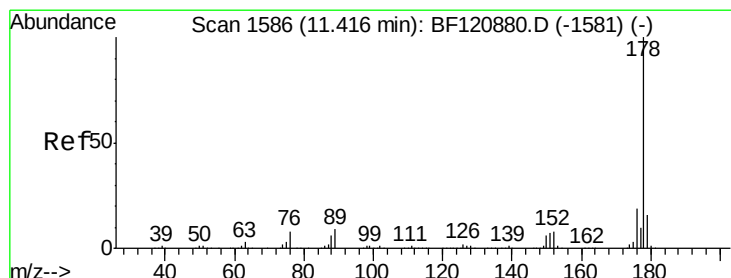
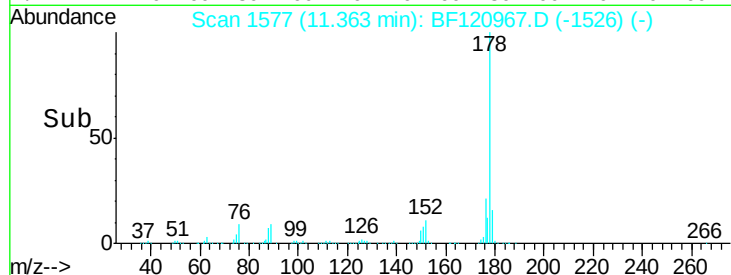
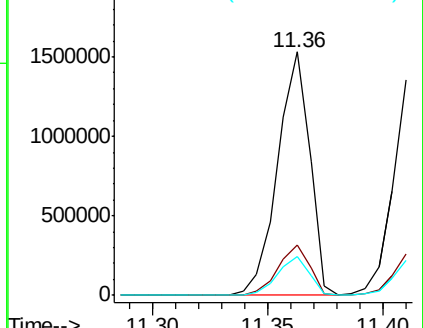


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.534 ng

RT: 11.42 min Scan# 1586

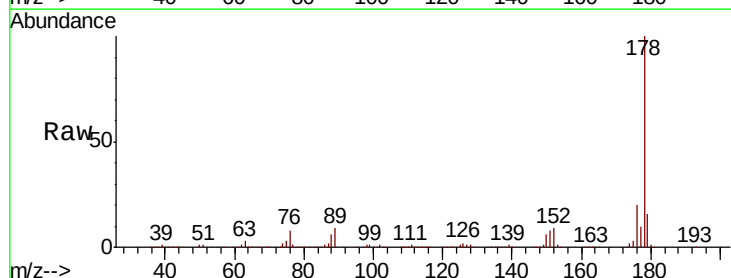
Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Tgt Ion:178 Resp: 1545491

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.8	19.2

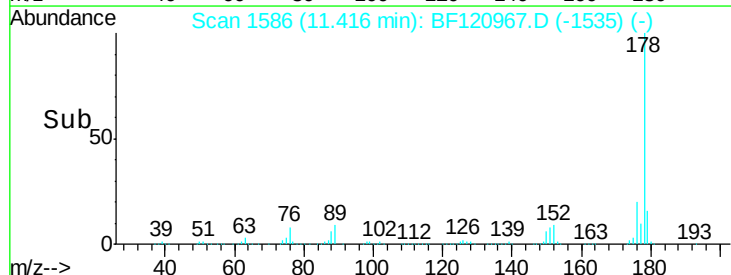
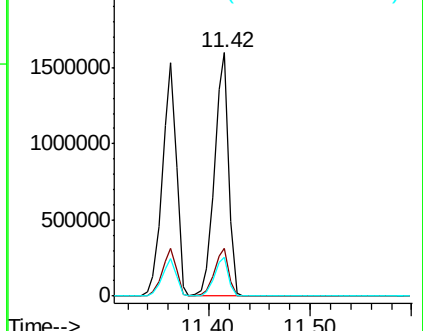


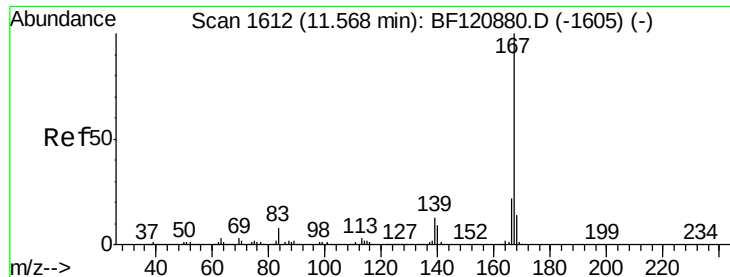
Abundance

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

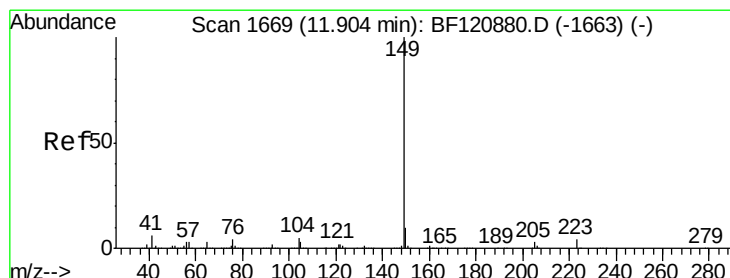
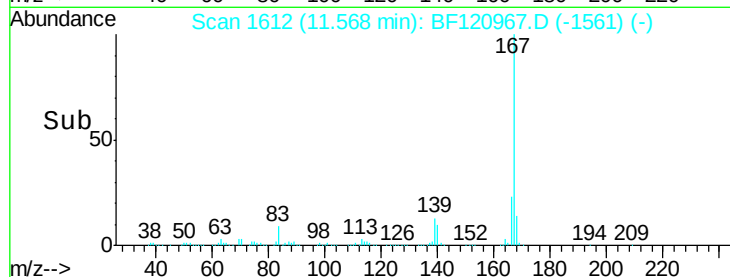
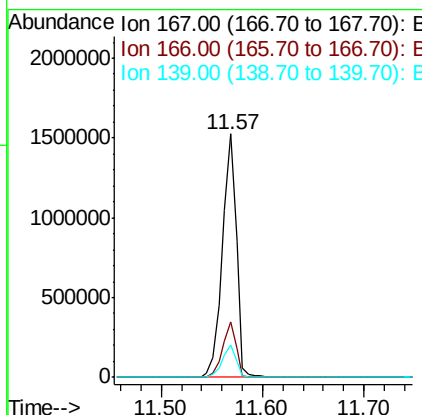
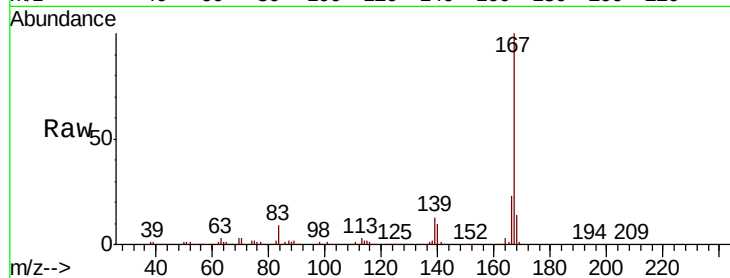




#73
 Carbazole
 Concen: 42.442 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

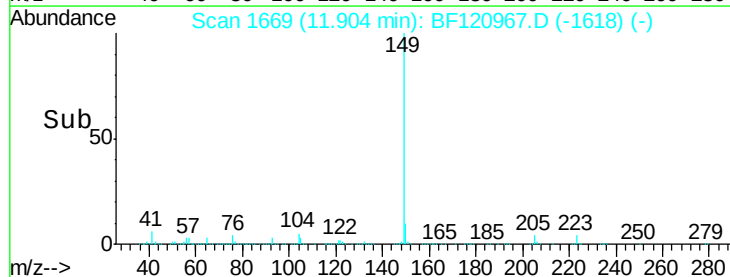
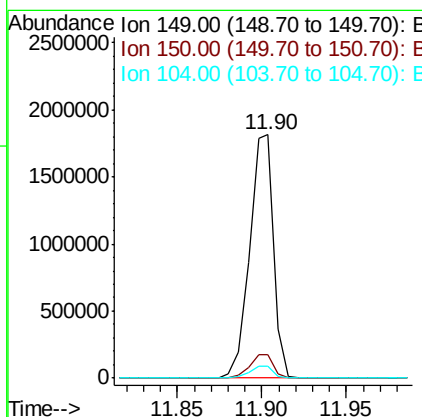
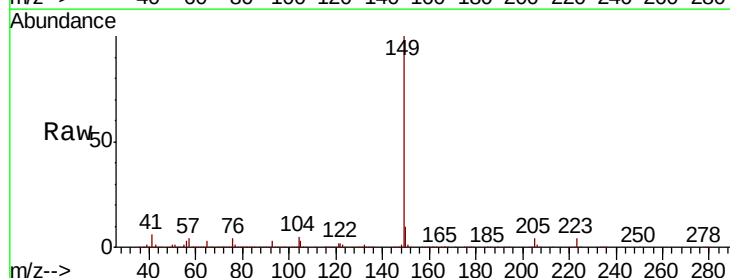
Instrument :
 BNA_F
 ClientSampleId :

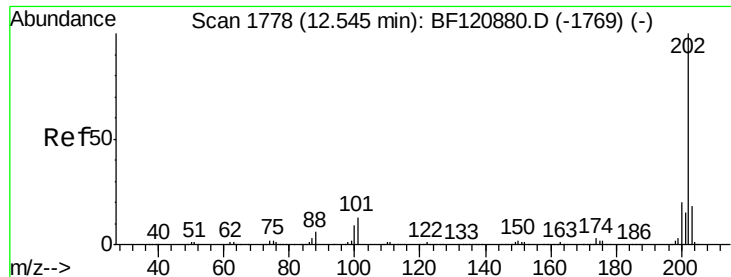
Tot Ion:167 Resp: 1461714
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 45.141 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:149 Resp: 1794056
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.7 3.8 5.6

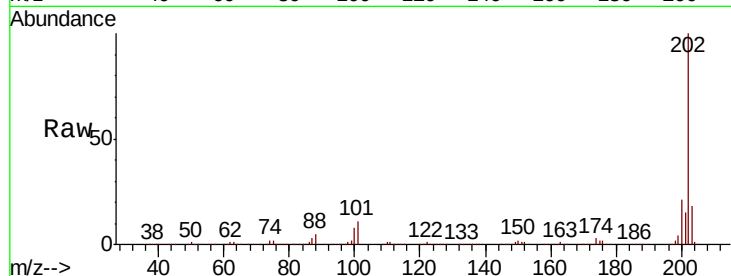




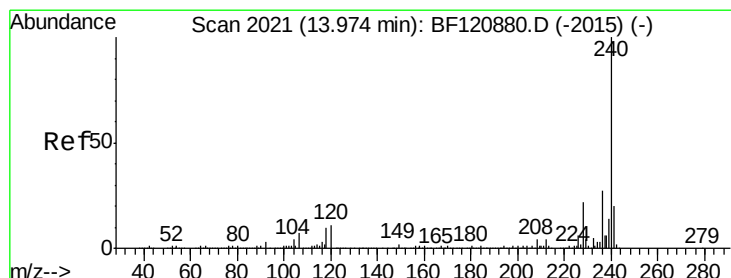
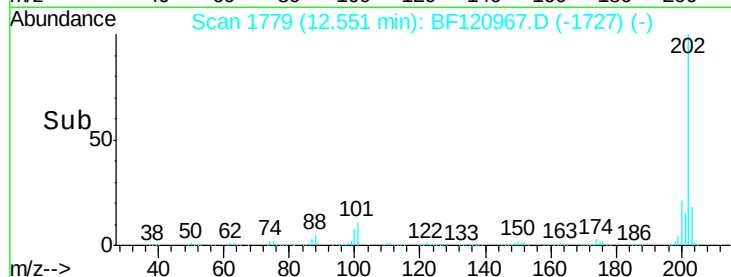
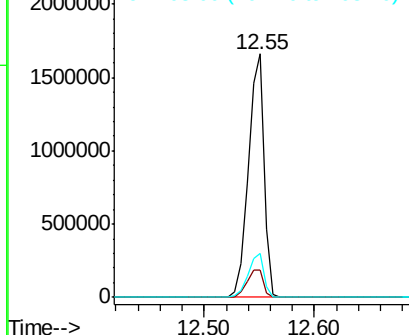
#75
 Fluoranthene
 Concen: 43.163 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1653468
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.7
 203 18.1 0.0 38.0

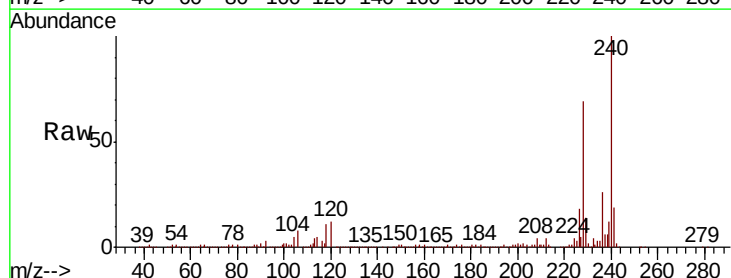


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

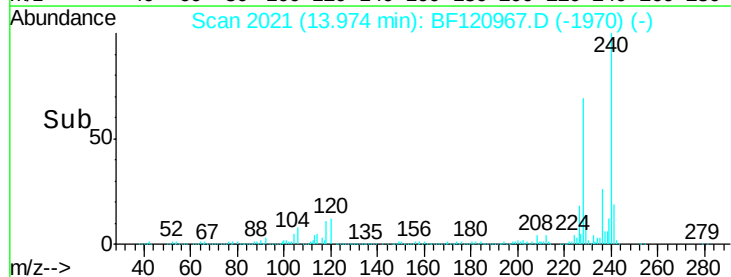
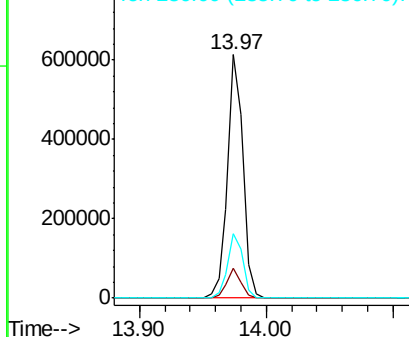


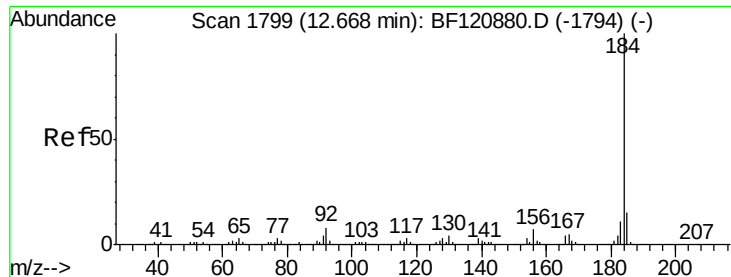
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:240 Resp: 517663
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.0 13.4
 236 26.3 21.7 32.5



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





#77

Benzidine

Concen: 36.046 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

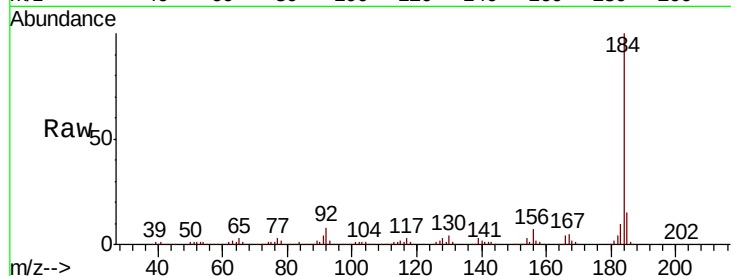
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 490597

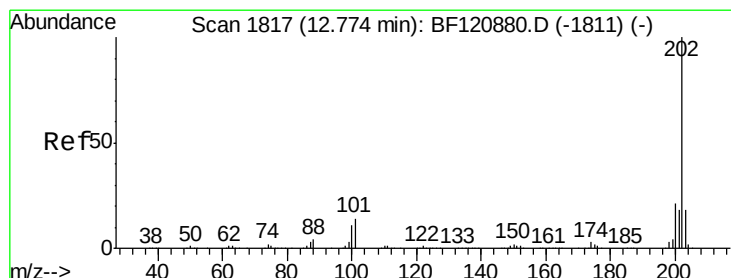
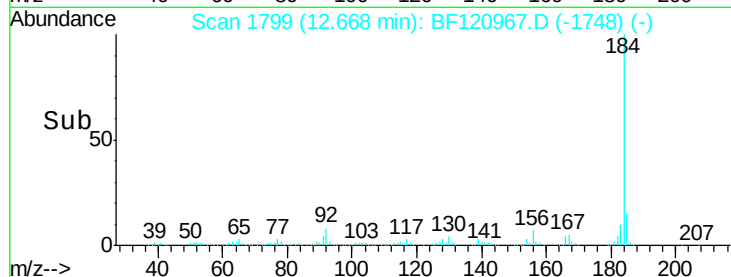
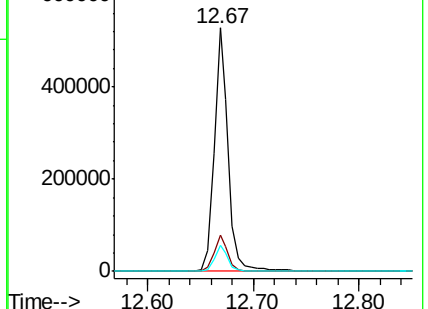
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	10.5	8.5	12.7



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: 46.306 ng

RT: 12.78 min Scan# 1818

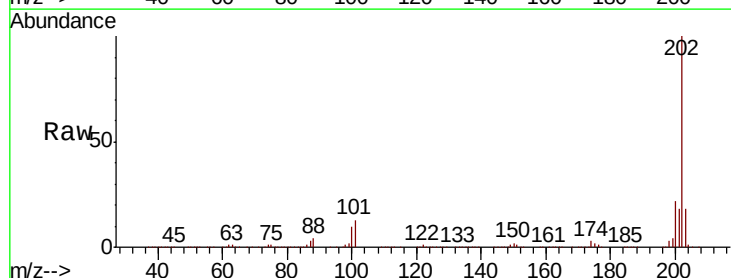
Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Tgt Ion:202 Resp: 1694752

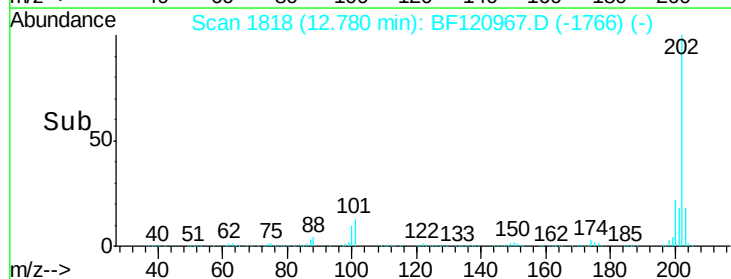
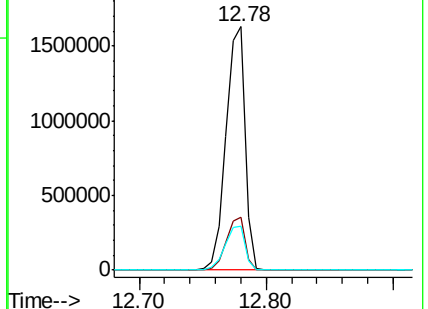
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.1	14.4	21.6

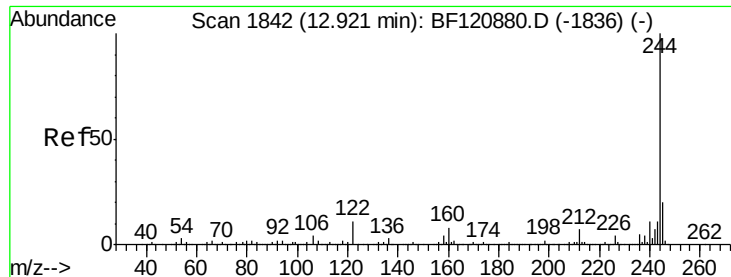


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.937 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

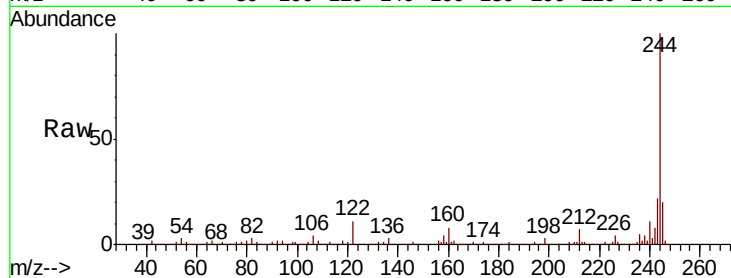
Tot Ion:244 Resp: 1760734

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

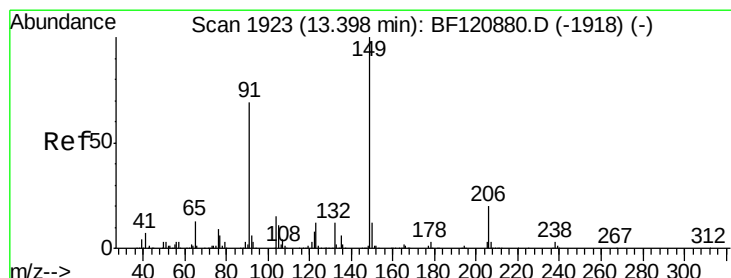
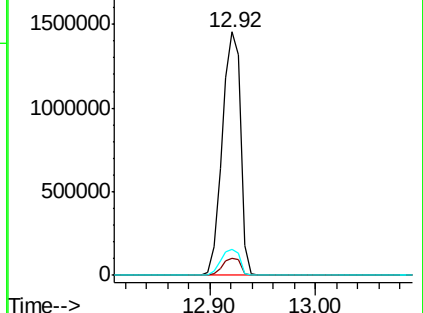
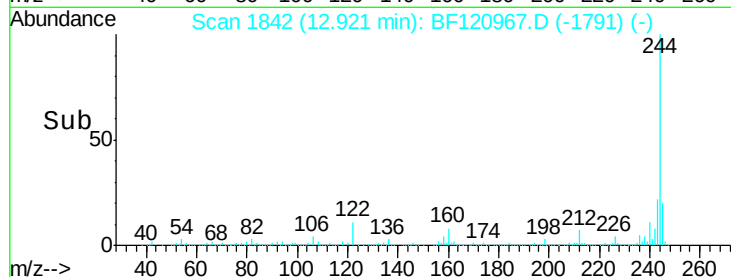
122 10.9 8.9 13.3



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: 49.059 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

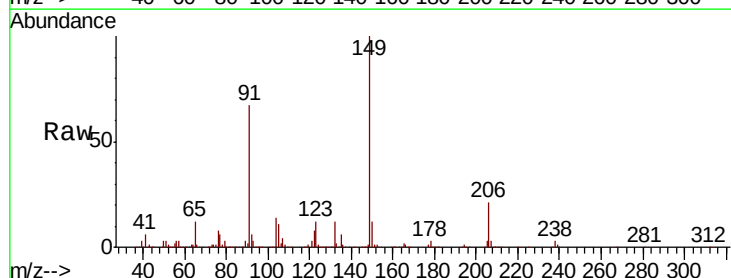
Tgt Ion:149 Resp: 800410

Ion Ratio Lower Upper

149 100

91 67.1 55.1 82.7

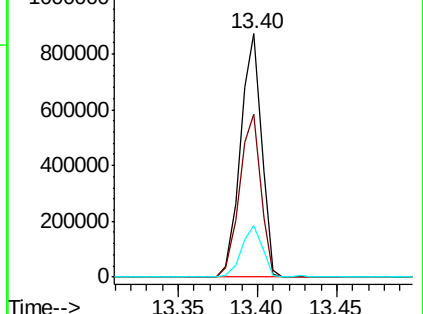
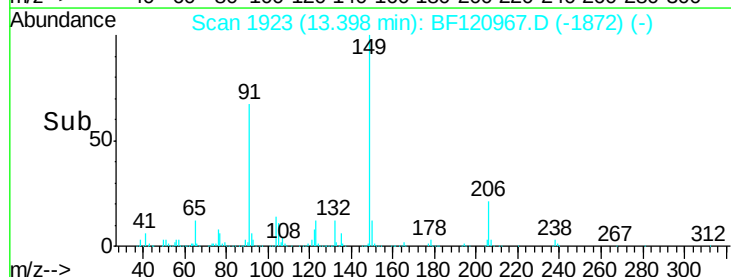
206 21.4 16.1 24.1

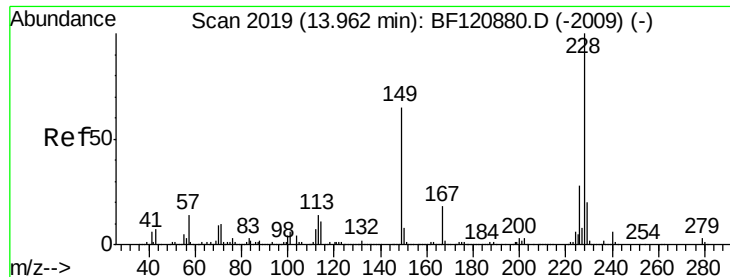


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.254 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

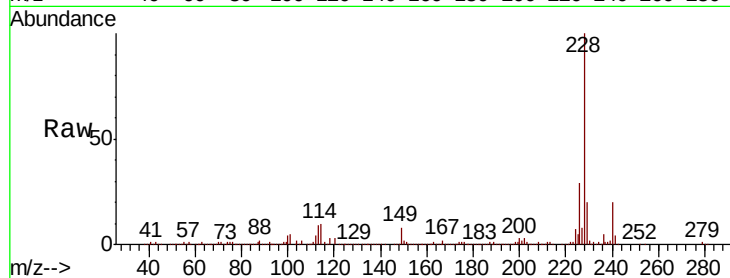
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1324551

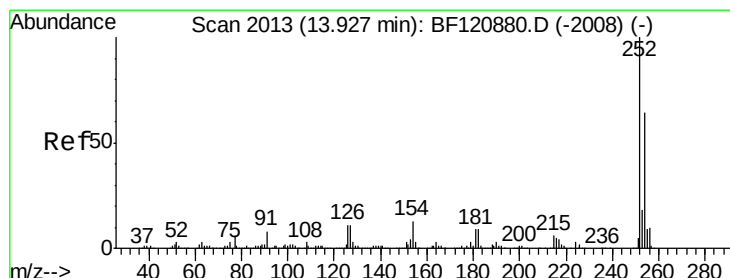
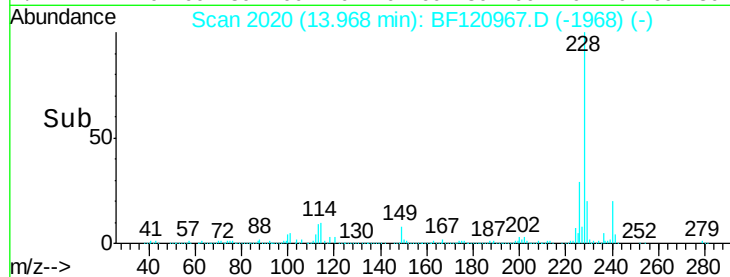
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.0	16.1	24.1



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: 34.652 ng

RT: 13.93 min Scan# 2013

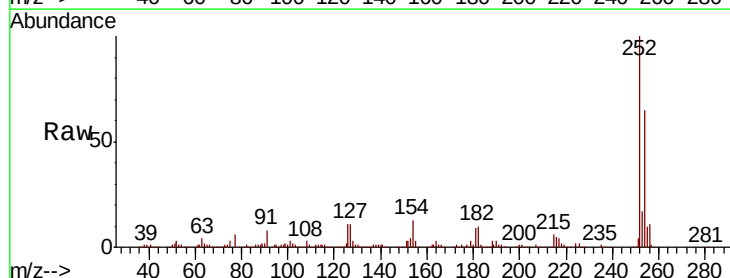
Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Tgt Ion:252 Resp: 409803

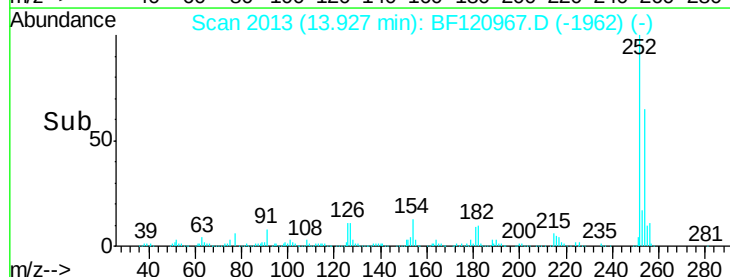
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	11.5	8.7	13.1

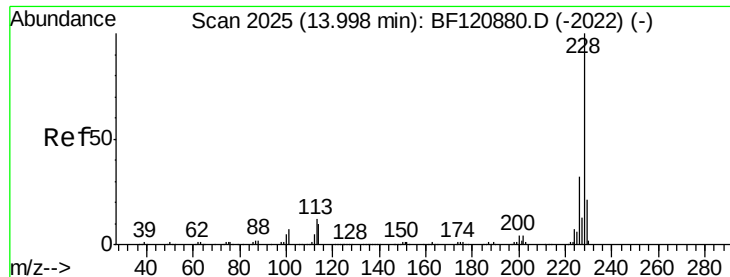


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.149 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

Instrument :

BNA_F

ClientSampleId :

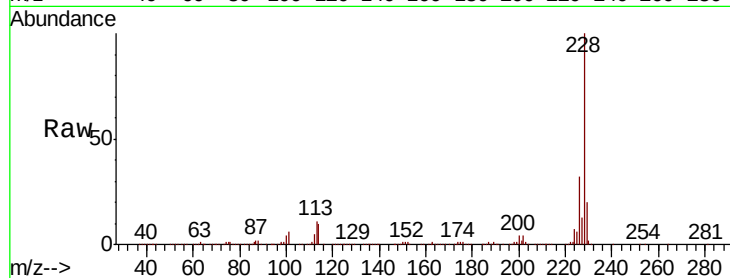
Tot Ion:228 Resp: 1454391

Ion Ratio Lower Upper

228 100

226 32.1 25.6 38.4

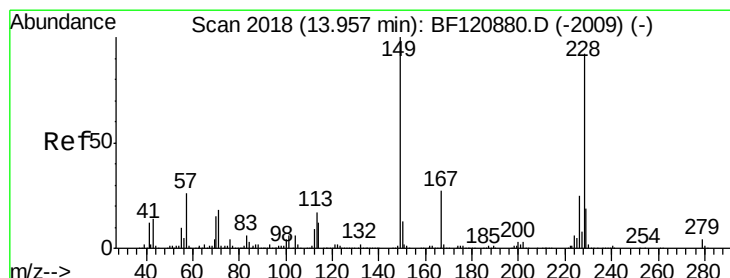
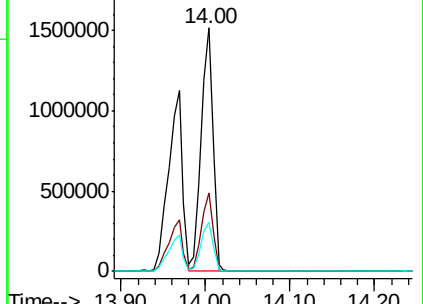
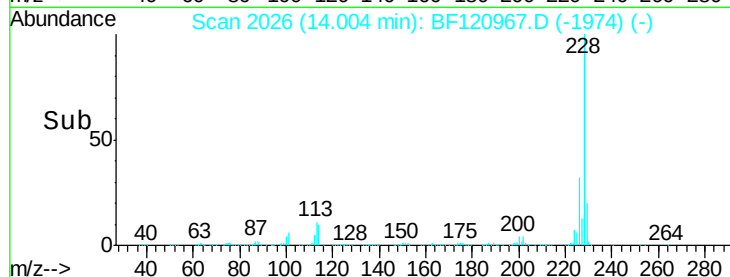
229 20.4 16.8 25.2



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: 46.797 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120967.D

Acq: 22 Jul 2020 16:32

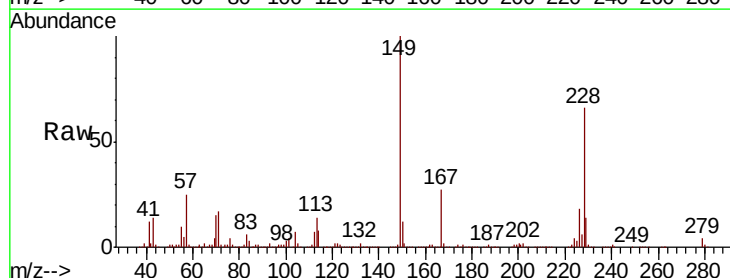
Tgt Ion:149 Resp: 941494

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

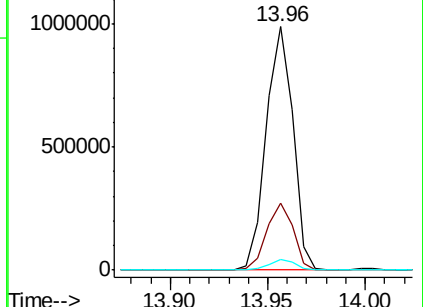
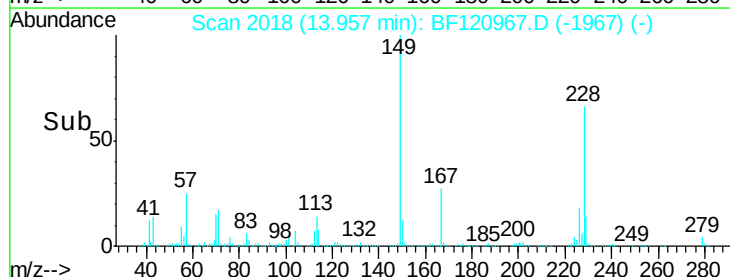
279 4.1 3.0 4.4

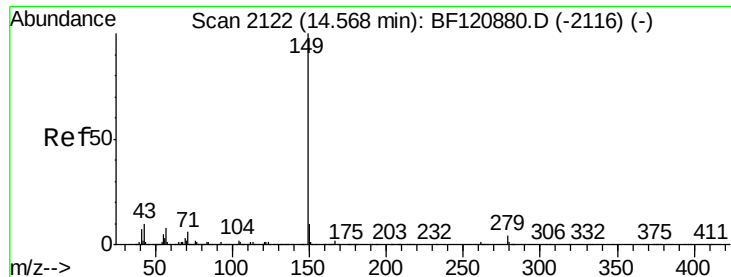


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

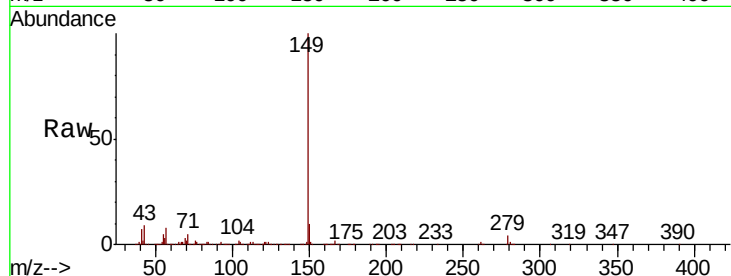




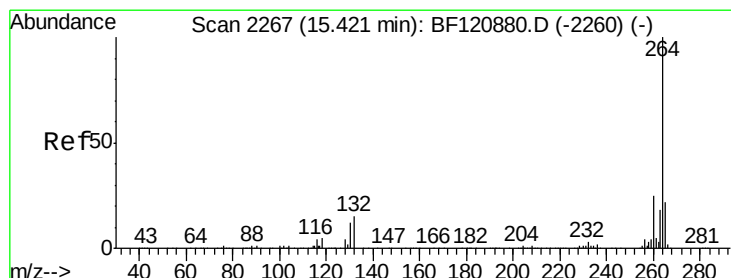
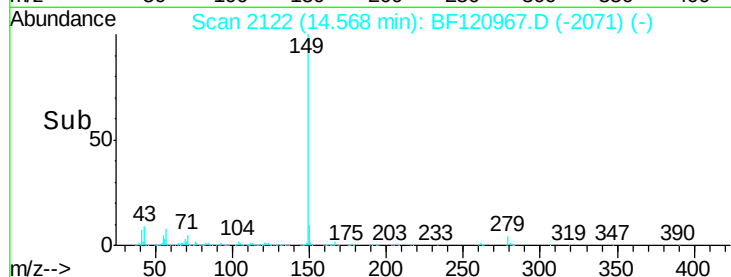
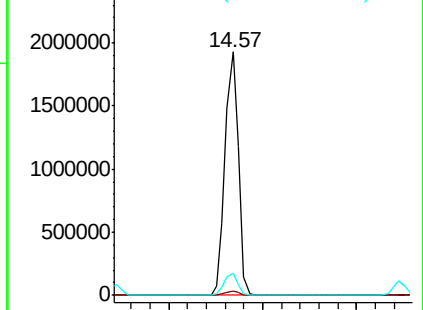
#85
Di-n-octyl phthalate
Concen: 47.986 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1920695
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4

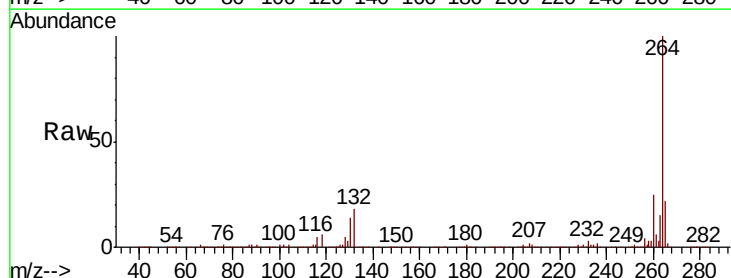


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

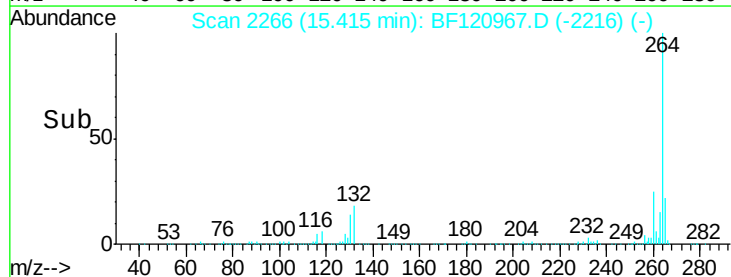
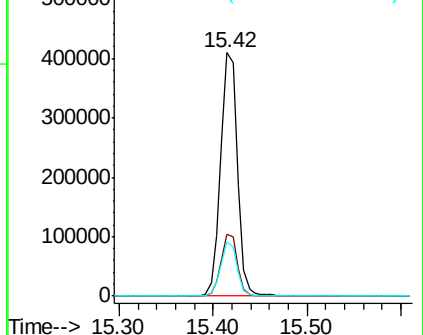


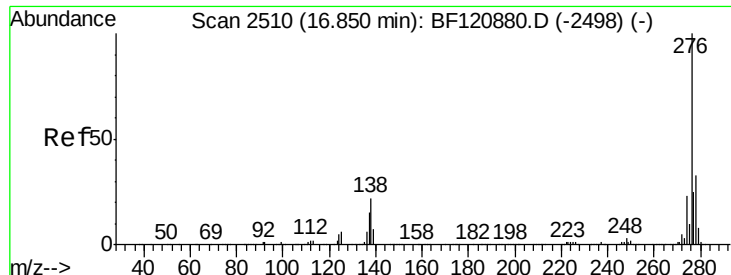
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:264 Resp: 516063
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 22.1 17.4 26.2



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

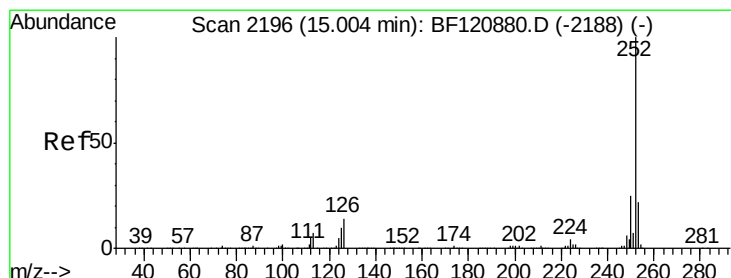
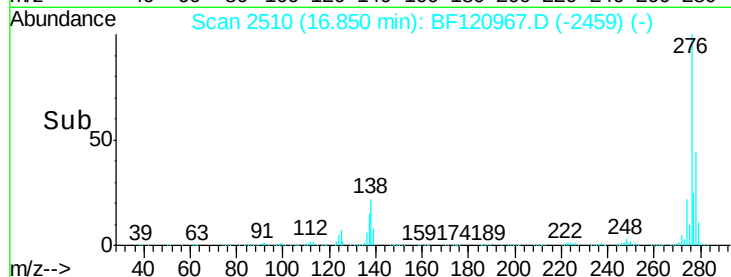
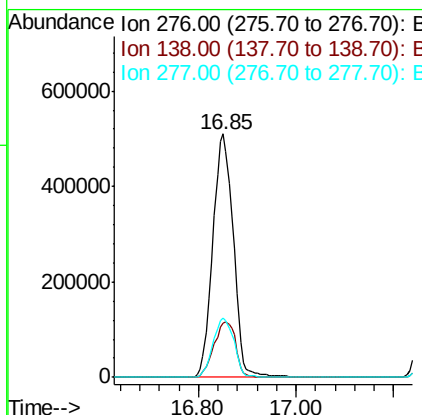
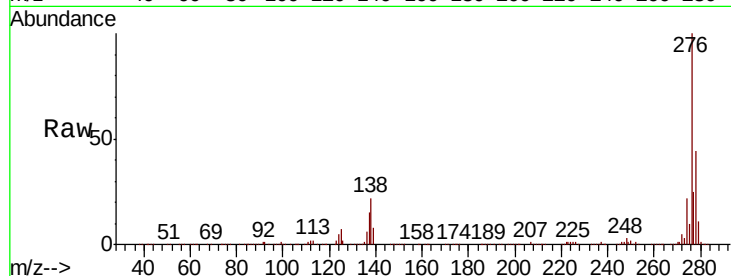




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.516 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

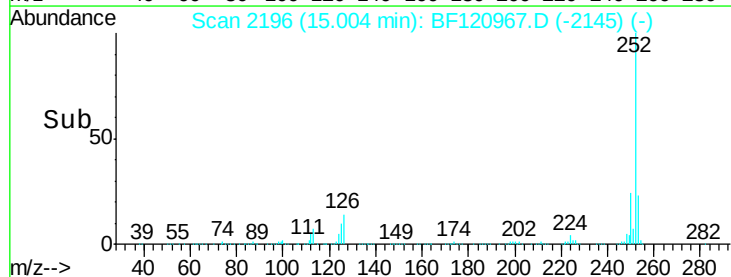
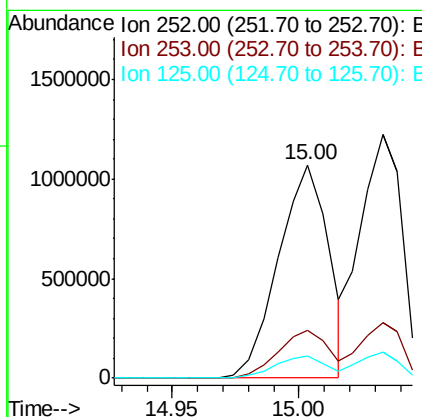
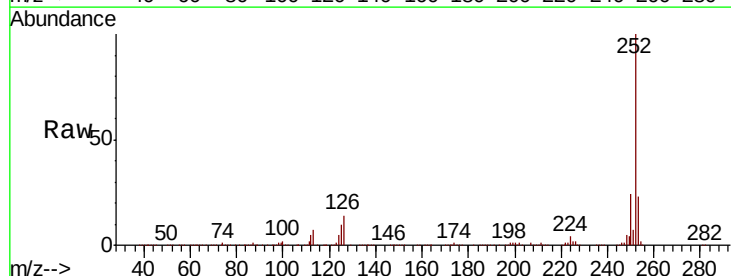
Instrument :
 BNA_F
 ClientSampleId :

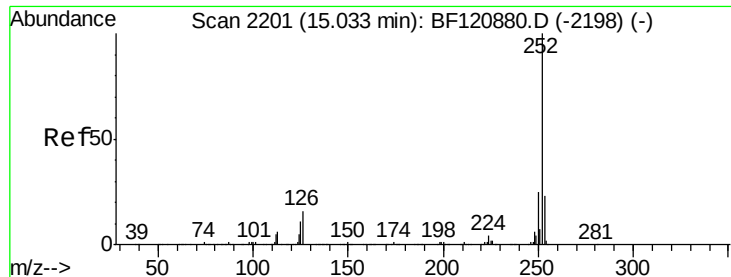
Tot Ion:276 Resp: 1490020
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.8 29.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.400 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120967.D
 Acq: 22 Jul 2020 16:32

Tgt Ion:252 Resp: 1478604
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.3 8.3 12.5

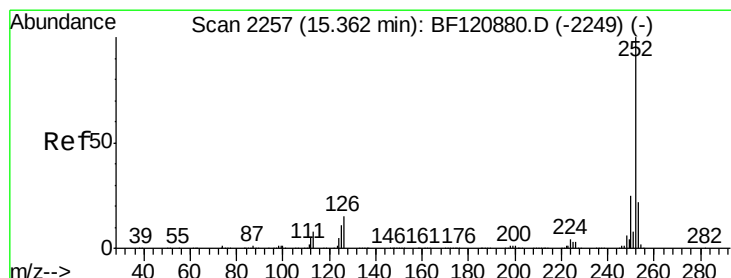
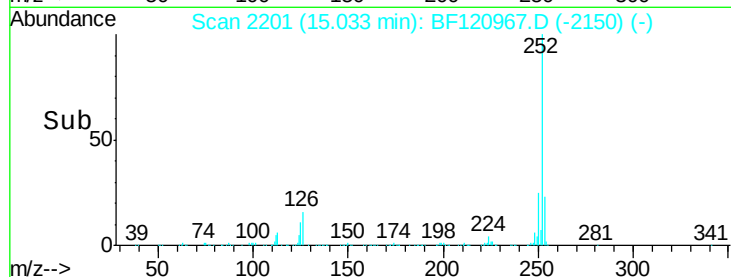
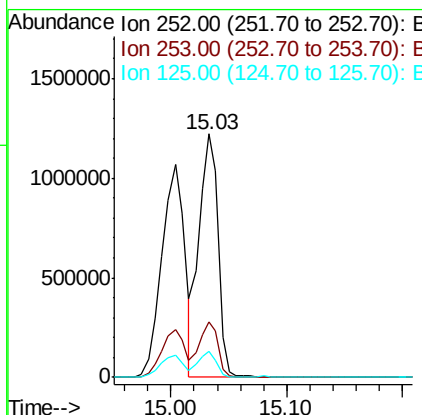
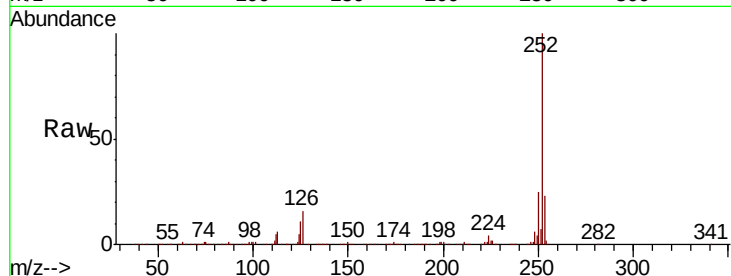




#89
Benzo(k)fluoranthene
Concen: 49.757 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

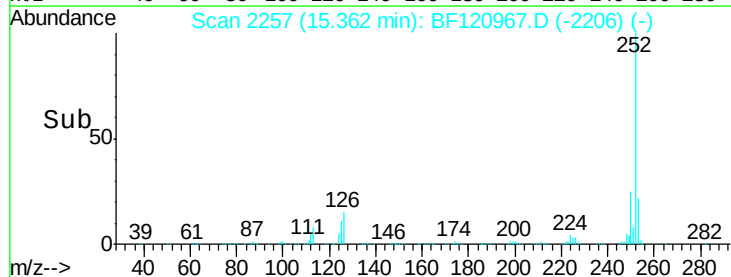
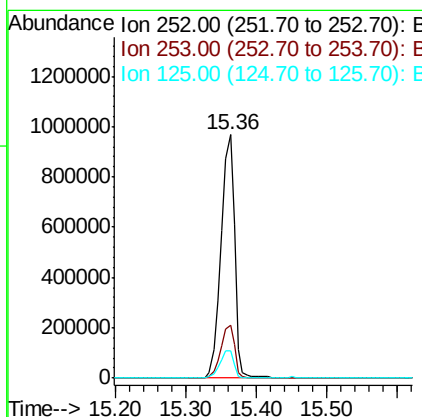
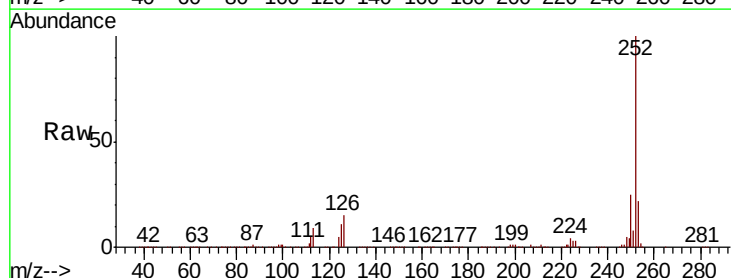
Instrument :
BNA_F
ClientSampleId :

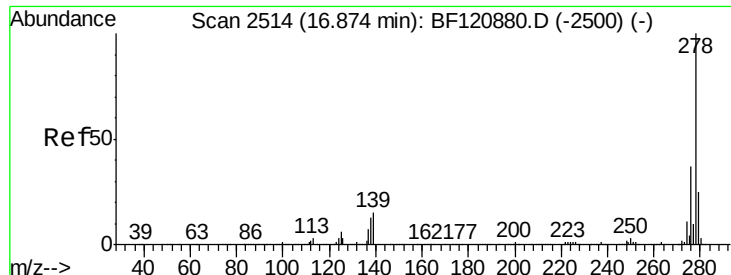
Tot Ion:252 Resp: 1415526
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.597 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:252 Resp: 1297707
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.4 8.9 13.3



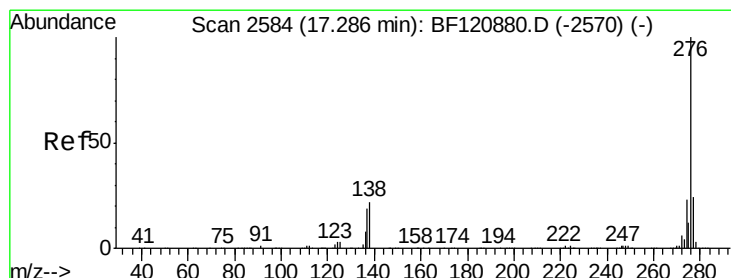
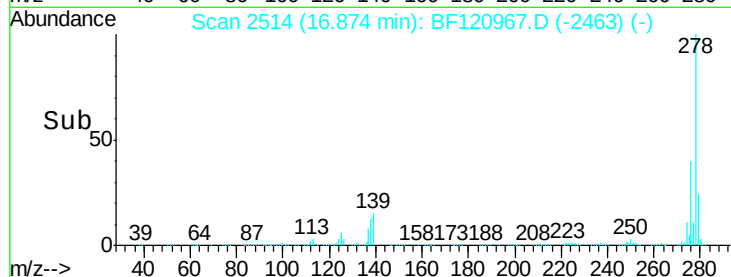
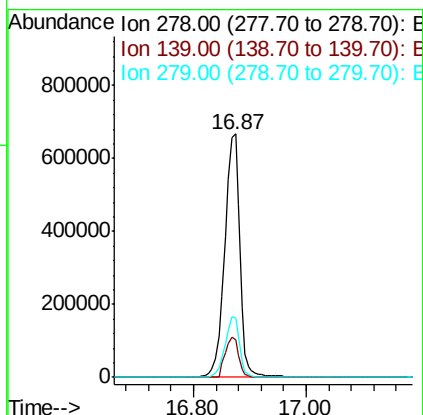
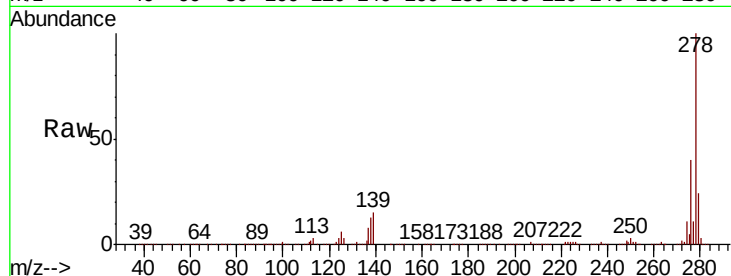


#91
Dibenzo(a,h)anthracene
Concen: 42.592 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1248684

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.3	18.5
279	24.2	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 41.881 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120967.D
Acq: 22 Jul 2020 16:32

Tgt Ion:276 Resp: 1210640

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.7	17.5	26.3

