

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120968.D
 Acq On : 22 Jul 2020 17:04
 Operator : JU/CG
 Sample : L3184-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 17:41:10 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	160390	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	627555	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332806	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	639856	20.00	ng	0.00
76) Chrysene-d12	13.97	240	492498	20.00	ng	0.00
86) Perylene-d12	15.42	264	487082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	994213	101.62	ng	0.02
7) Phenol-d6	6.45	99	1126286	89.12	ng	0.00
23) Nitrobenzene-d5	7.38	82	851557	78.52	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	412214	113.16	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1497801	67.19	ng	0.00
79) Terphenyl-d14	12.92	244	1656246	73.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	169290	37.597	ng	# 84
3) Pyridine	3.40	79	324481	27.089	ng	100
4) n-Nitrosodimethylamine	3.33	42	204027	39.833	ng	94
6) Aniline	6.47	93	301347	18.267	ng	96
8) 2-Chlorophenol	6.60	128	470111	43.617	ng	99
9) Benzaldehyde	6.36	77	222826	35.245	ng	99
10) Phenol	6.46	94	476480	34.274	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	465639	43.704	ng	99
12) 1,3-Dichlorobenzene	6.76	146	427224	36.555	ng	98
13) 1,4-Dichlorobenzene	6.83	146	433764	37.325	ng	99
14) 1,2-Dichlorobenzene	6.99	146	417342	37.960	ng	99
15) Benzyl Alcohol	6.96	79	389459	43.576	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	620471	40.403	ng	99
17) 2-Methylphenol	7.07	107	376711	39.434	ng	99
18) Hexachloroethane	7.33	117	157098	37.349	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	299722	41.707	ng	99
20) 3+4-Methylphenols	7.22	107	413573	34.033	ng	# 83
22) Acetophenone	7.23	105	601722	42.723	ng	96
24) Nitrobenzene	7.40	77	479791	41.045	ng	98
25) Isophorone	7.64	82	908394	41.967	ng	99
26) 2-Nitrophenol	7.72	139	253022	45.576	ng	98
27) 2,4-Dimethylphenol	7.75	122	417754	46.347	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	569727	43.120	ng	100
29) 2,4-Dichlorophenol	7.96	162	400358	43.467	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	389125	38.079	ng	99
31) Naphthalene	8.12	128	1262621	39.223	ng	99
32) Benzoic acid	7.87	122	251362	37.149	ng	98
33) 4-Chloroaniline	8.17	127	218007	15.182	ng	98
34) Hexachlorobutadiene	8.24	225	213001	35.358	ng	99
35) Caprolactam	8.55	113	76491	25.897	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	419057	44.361	ng	100
37) 2-Methylnaphthalene	8.81	142	882860	42.239	ng	99
38) 1-Methylnaphthalene	8.91	142	827285	41.791	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	399573	41.208	ng	99

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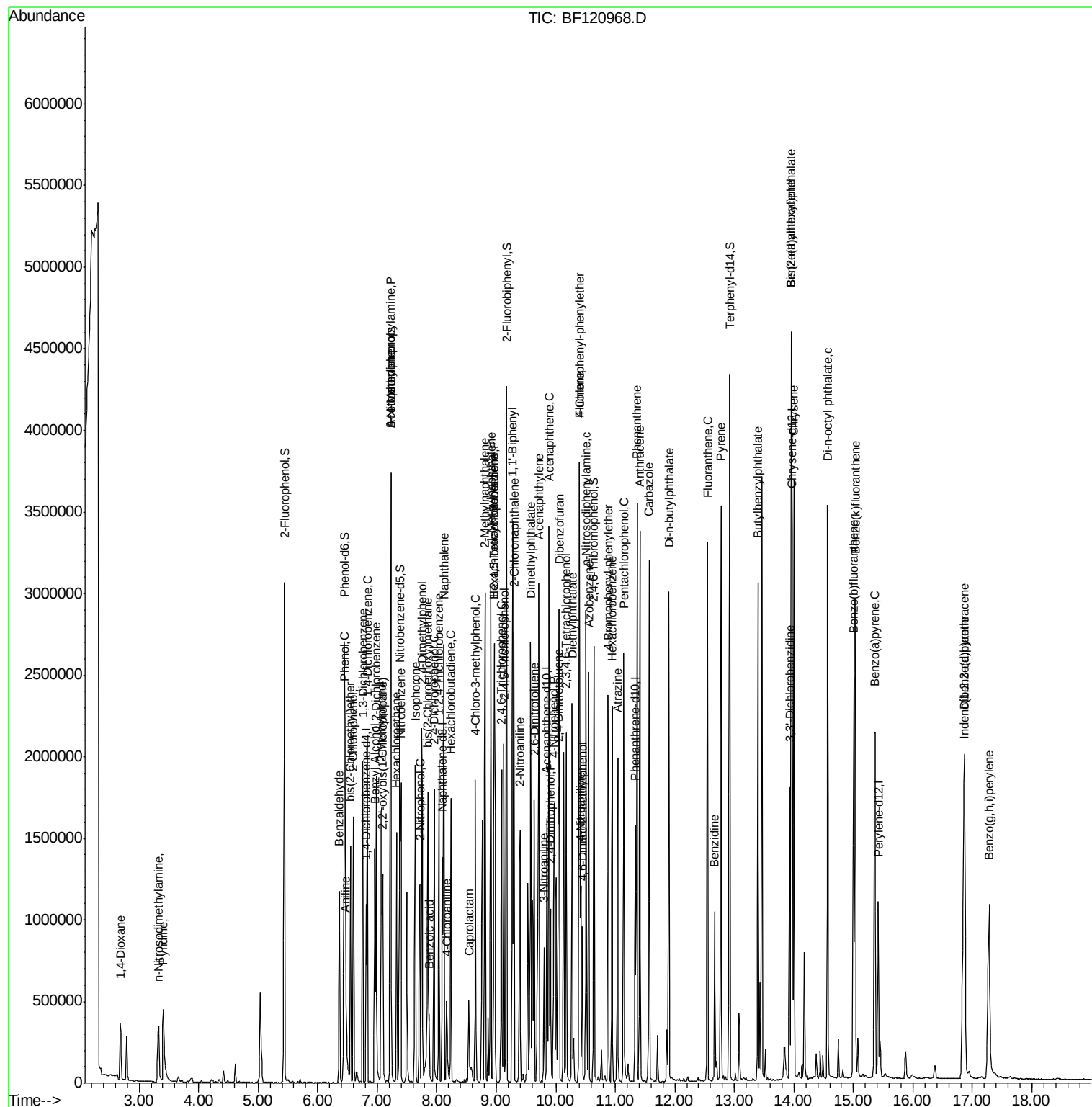
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	386023	72.032	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	301277	44.129	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	319650	41.275	ng	97
46) 1,1'-Biphenyl	9.27	154	1084315	42.712	ng	99
47) 2-Chloronaphthalene	9.30	162	830245	40.113	ng	99
48) 2-Nitroaniline	9.40	65	270761	43.287	ng	91
49) Acenaphthylene	9.72	152	1349805	41.979	ng	100
50) Dimethylphthalate	9.58	163	1269130	52.859	ng	99
51) 2,6-Dinitrotoluene	9.64	165	236458	45.840	ng	88
52) Acenaphthene	9.89	154	873581	42.733	ng	99
53) 3-Nitroaniline	9.80	138	135350	20.921	ng	98
54) 2,4-Dinitrophenol	9.91	184	133816	48.053	ng	89
55) Dibenzofuran	10.06	168	1218026	41.202	ng	99
56) 4-Nitrophenol	9.97	139	358595	72.969	ng	94
57) 2,4-Dinitrotoluene	10.04	165	313701	46.310	ng	91
58) Fluorene	10.40	166	877058	39.779	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	273394	46.366	ng	98
60) Diethylphthalate	10.27	149	1043615	42.973	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	433558	36.867	ng	98
62) 4-Nitroaniline	10.42	138	243252	38.600	ng	98
63) Azobenzene	10.55	77	958197	41.444	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	123004	34.399	ng	88
66) n-Nitrosodiphenylamine	10.51	169	866449	43.046	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	295008	41.353	ng	97
68) Hexachlorobenzene	10.95	284	333694	43.241	ng	96
69) Atrazine	11.04	200	252326	50.617	ng	97
70) Pentachlorophenol	11.15	266	377375	85.361	ng	99
71) Phenanthrene	11.36	178	1366431	41.523	ng	100
72) Anthracene	11.42	178	1420019	42.973	ng	99
73) Carbazole	11.57	167	1343676	40.974	ng	100
74) Di-n-butylphthalate	11.90	149	1662951	43.943	ng	99
75) Fluoranthene	12.55	202	1550888	42.518	ng	98
77) Benzidine	12.67	184	402448	31.080	ng	99
78) Pyrene	12.77	202	1590648	45.682	ng	99
80) Butylbenzylphthalate	13.40	149	743166	47.878	ng	99
81) Benzo(a)anthracene	13.96	228	1242439	41.660	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	369236	32.817	ng	99
83) Chrysene	14.00	228	1353742	43.194	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	898852	46.960	ng	99
85) Di-n-octyl phthalate	14.57	149	1777869	46.687	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1339072	39.530	ng	100
88) Benzo(b)fluoranthene	15.00	252	1365144	46.367	ng	100
89) Benzo(k)fluoranthene	15.03	252	1288239	47.977	ng	99
90) Benzo(a)pyrene	15.36	252	1182954	44.038	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1128497	40.783	ng	98
92) Benzo(g,h,i)perylene	17.28	276	1095914	40.168	ng	100

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

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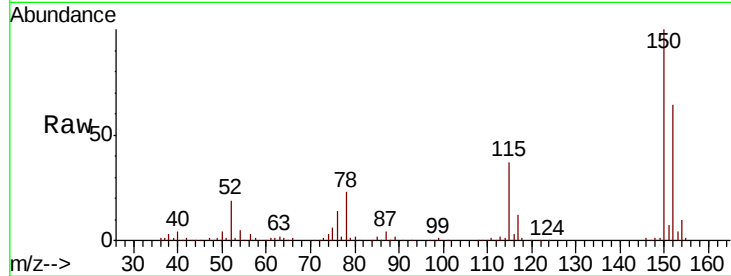


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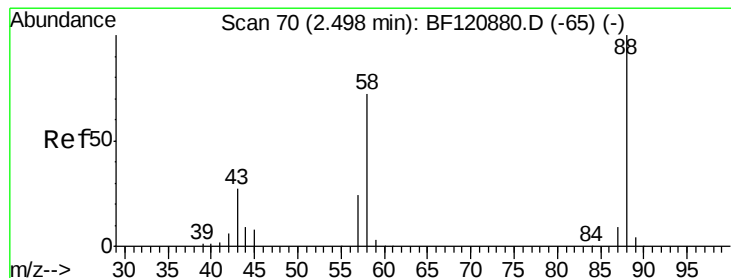
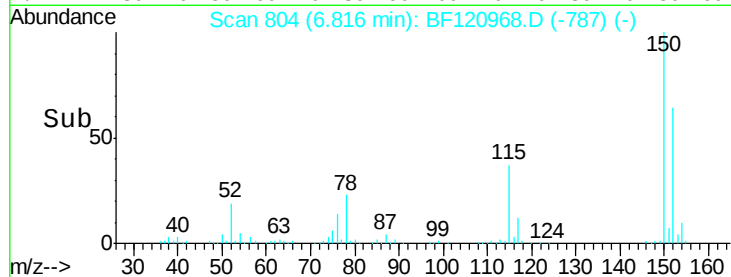
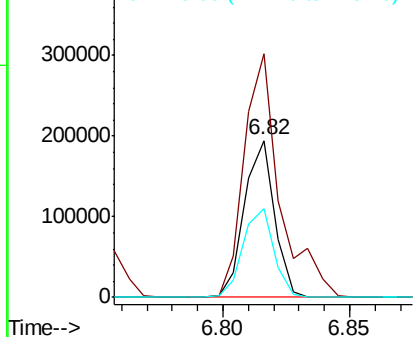
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160390
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.6
115 56.8 47.0 70.4



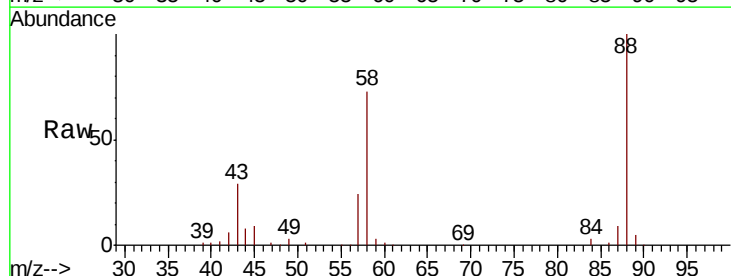
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



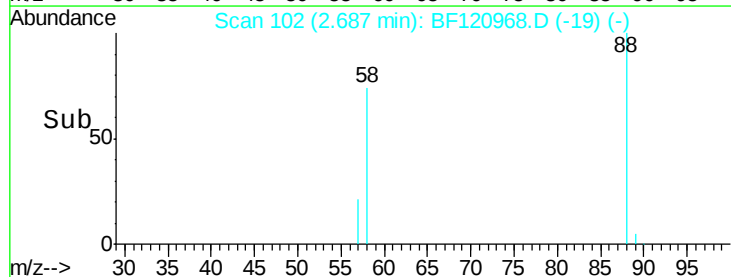
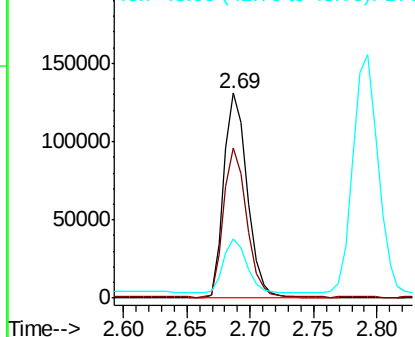
#2

1,4-Dioxane
Concen: 37.597 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion: 88 Resp: 169290
Ion Ratio Lower Upper
88 100
58 71.4 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

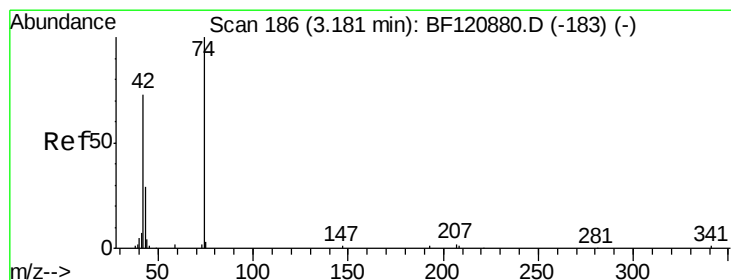
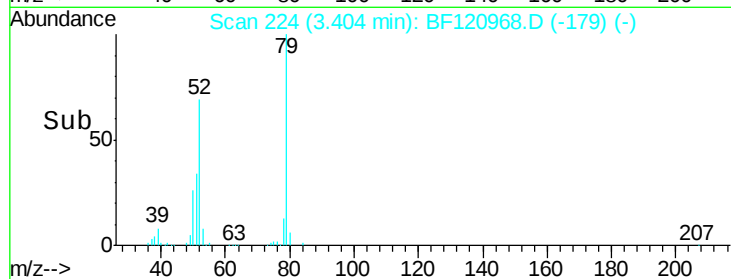
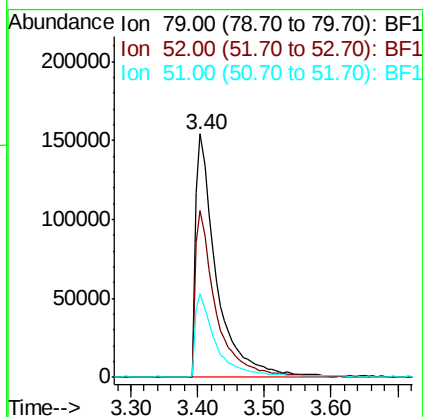
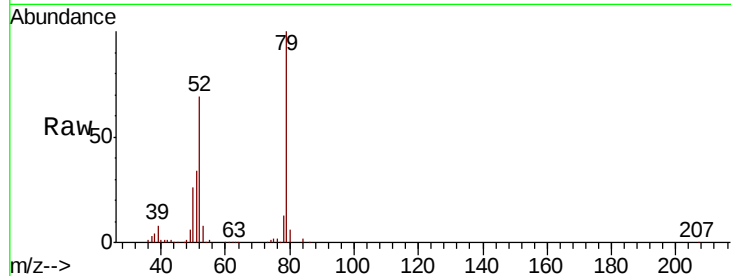




#3
 Pvridine
 Concen: 27.089 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.16 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

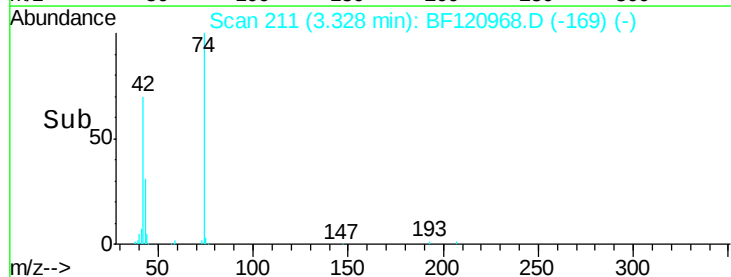
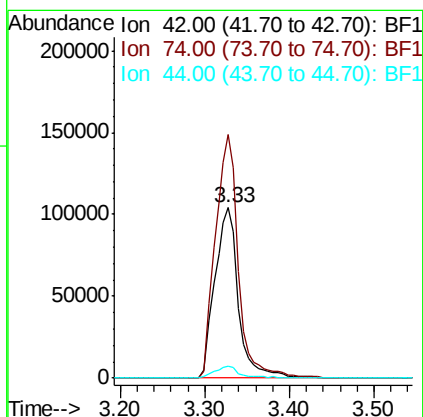
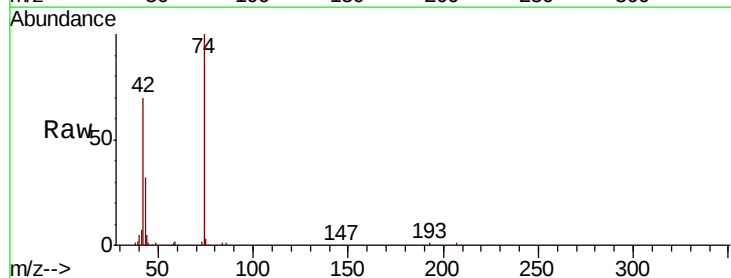
Instrument :
 BNA_F
 ClientSampled :

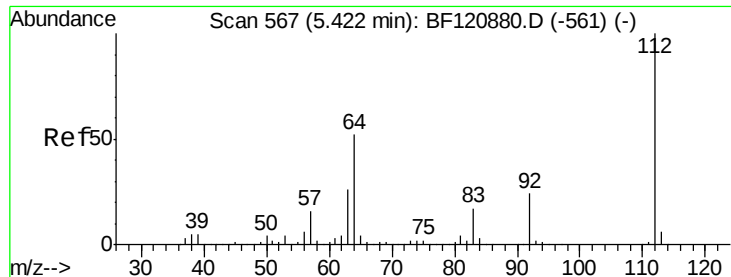
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	55.0	82.6
51	34.2	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 39.833 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.15 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.9	108.7	163.1
44	6.8	5.2	7.8





#5

2-Fluorophenol

Concen: 101.619 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampled :

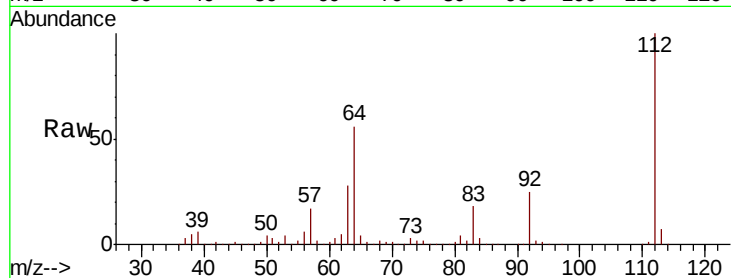
Tot Ion:112 Resp: 994213

Ion Ratio Lower Upper

112 100

64 55.6 41.3 61.9

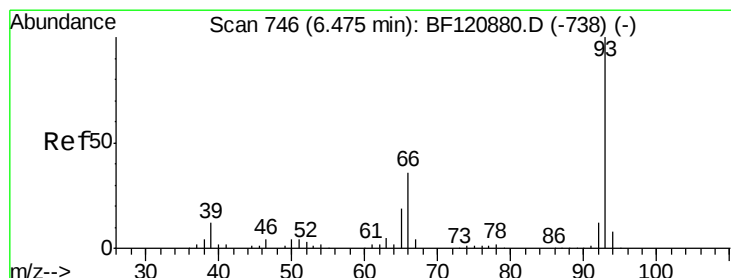
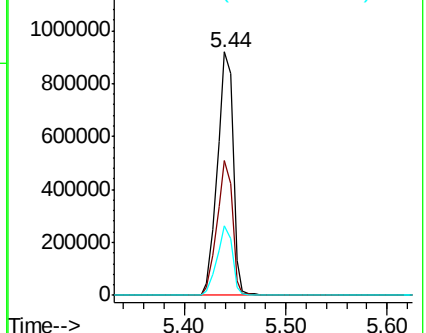
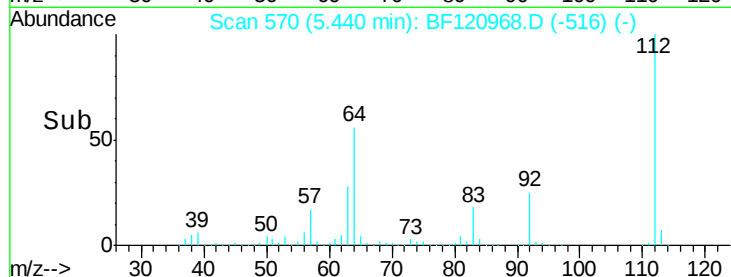
63 28.3 21.1 31.7



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: 18.267 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

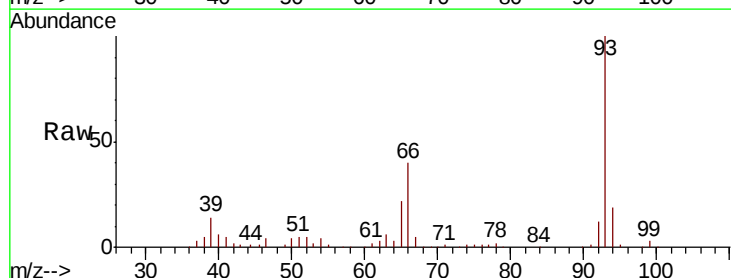
Tgt Ion: 93 Resp: 301347

Ion Ratio Lower Upper

93 100

66 40.5 30.2 45.4

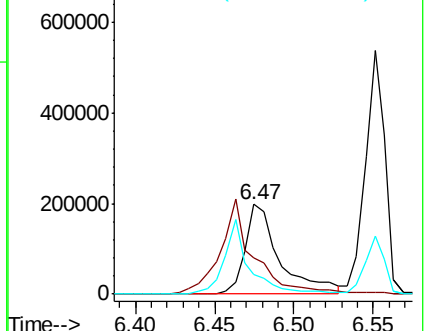
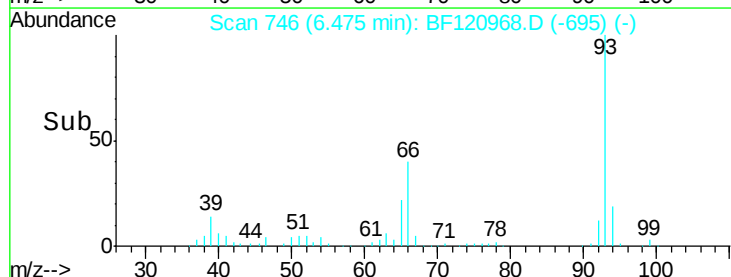
65 21.8 15.8 23.6



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: 89.118 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

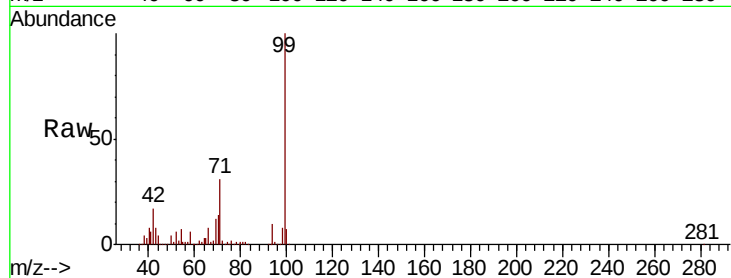
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1126286

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.1	19.7
71	30.5	24.2	36.4

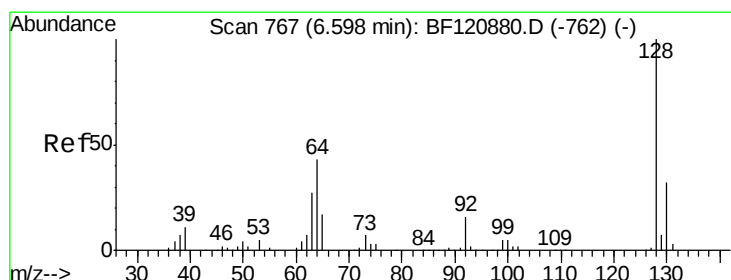
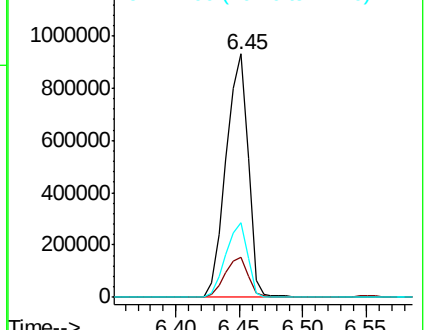
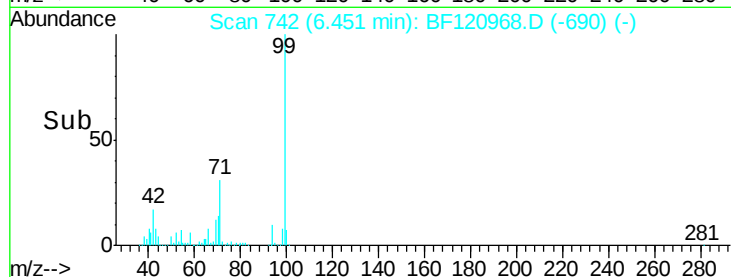


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.617 ng

RT: 6.60 min Scan# 767

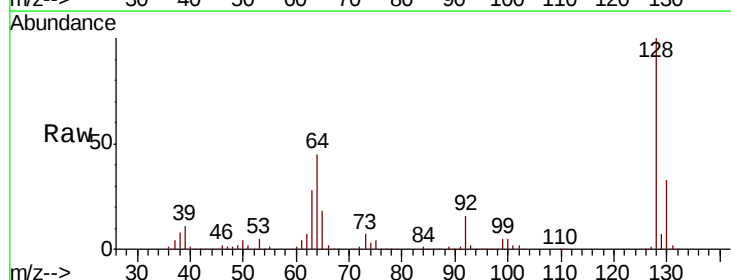
Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion: 128 Resp: 470111

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.1	52.1
64	44.8	24.0	64.0

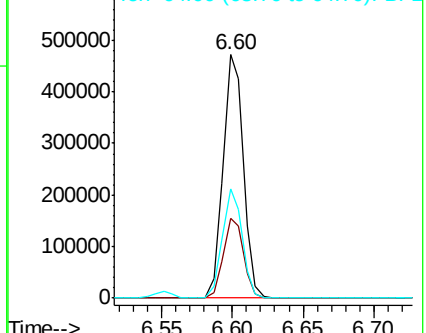
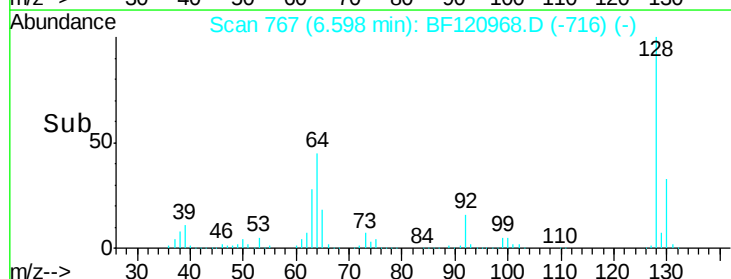


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.245 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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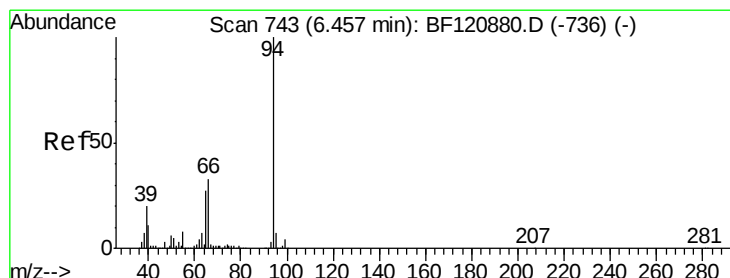
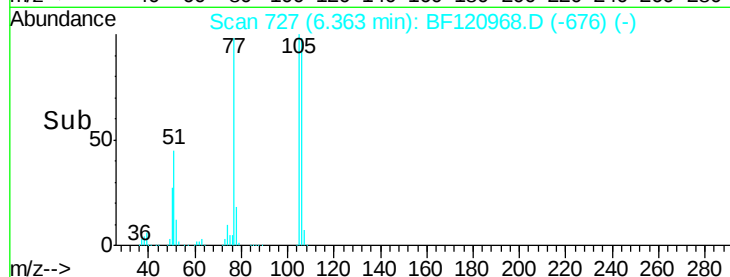
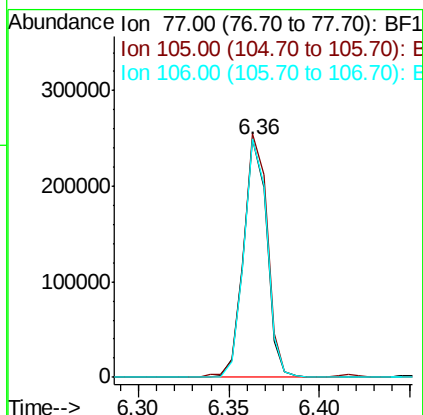
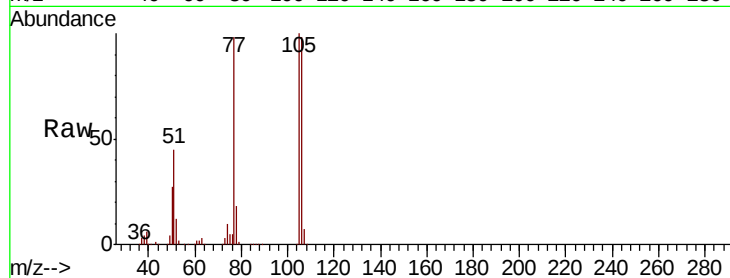
Tot Ion: 77 Resp: 222826

Ion Ratio Lower Upper

77 100

105 102.3 82.5 122.5

106 100.4 78.7 118.7



#10

Phenol

Concen: 34.274 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

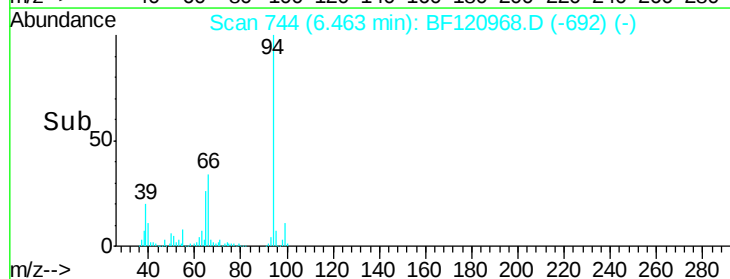
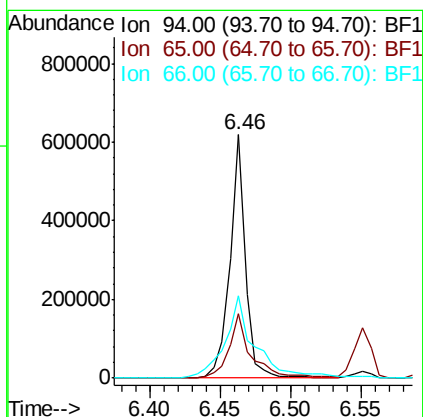
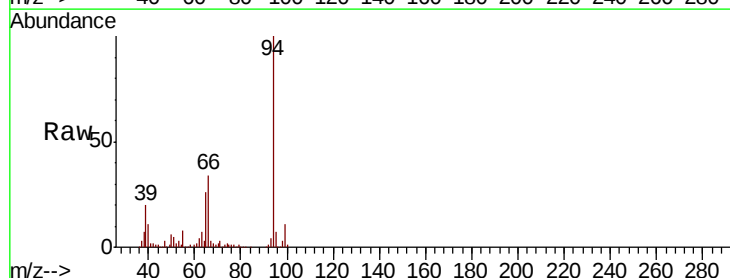
Tgt Ion: 94 Resp: 476480

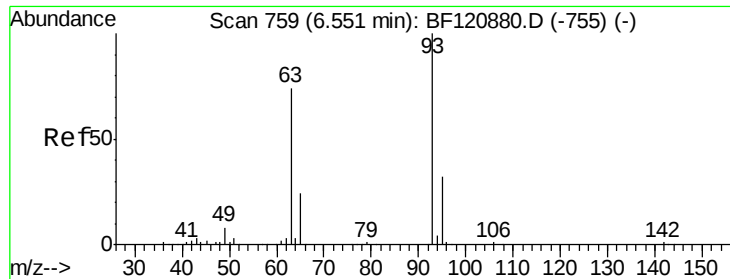
Ion Ratio Lower Upper

94 100

65 26.4 6.6 46.6

66 33.9 13.2 53.2

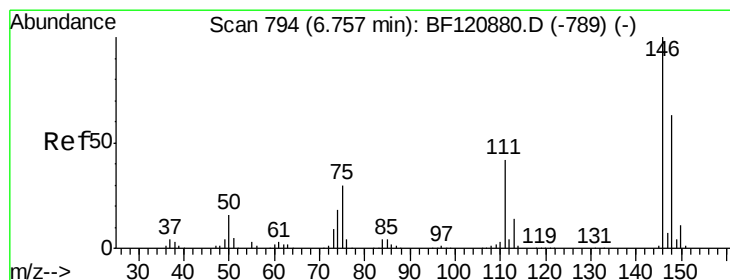
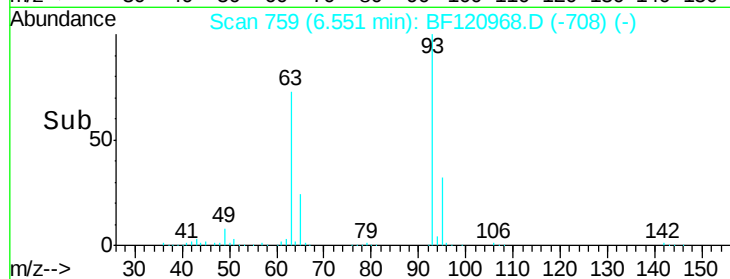
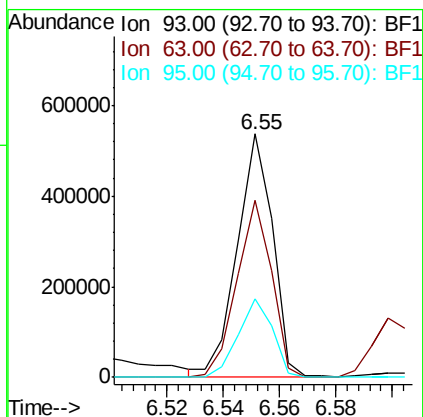
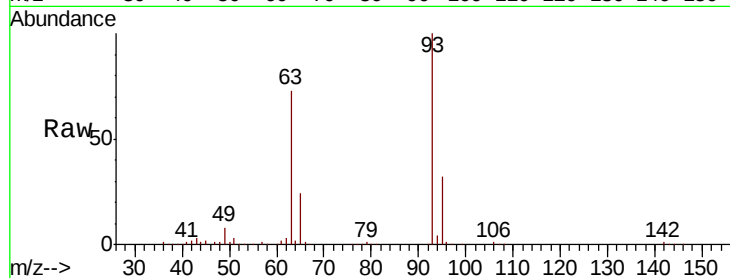




#11
bis(2-Chloroethyl)ether
Concen: 43.704 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

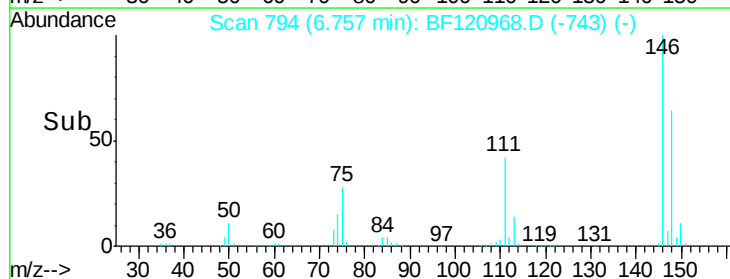
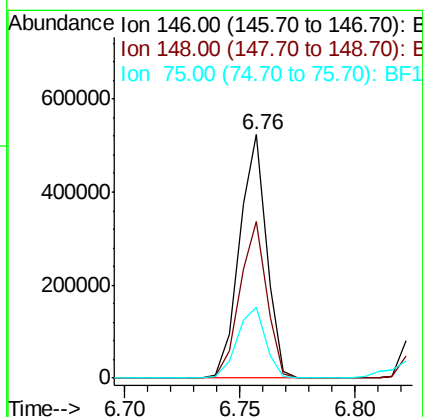
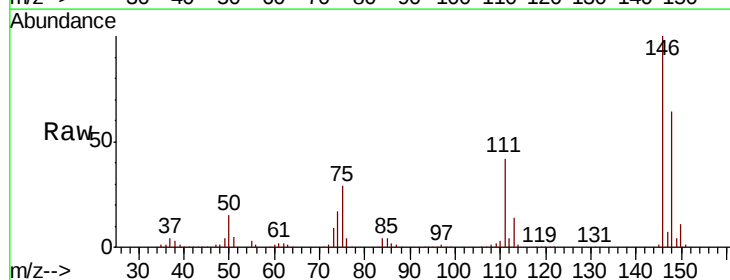
Instrument :
BNA_F
ClientSampleId :

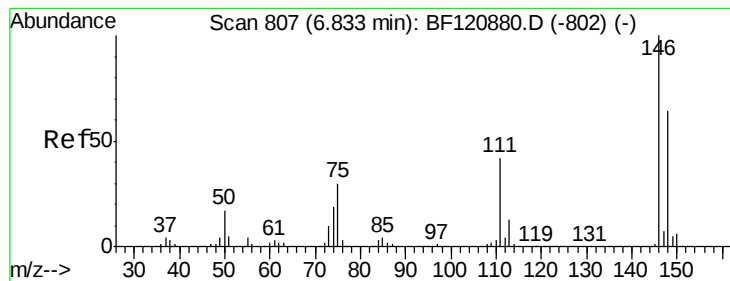
Tot Ion: 93 Resp: 465639
Ion Ratio Lower Upper
93 100
63 72.6 54.2 94.2
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.555 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion: 146 Resp: 427224
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 29.0 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 37.325 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

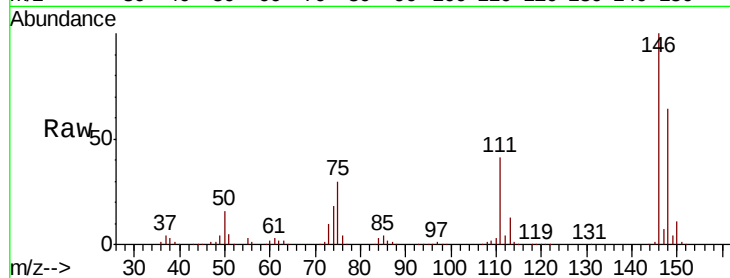
Tot Ion:146 Resp: 433764

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

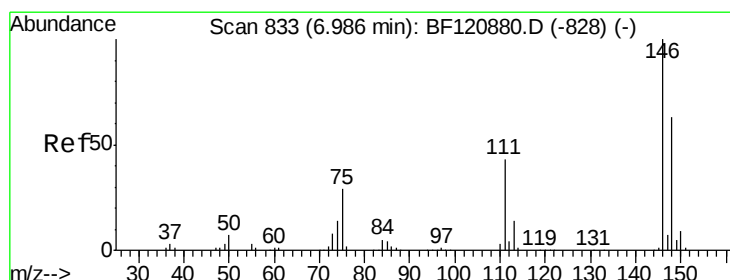
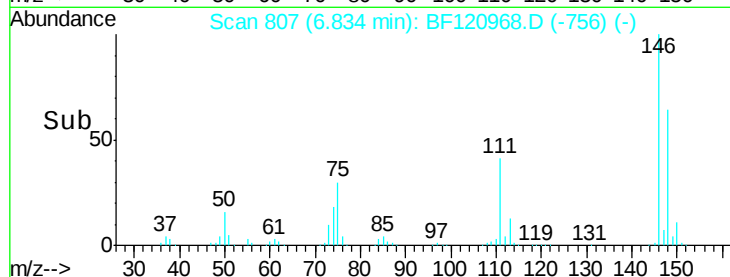
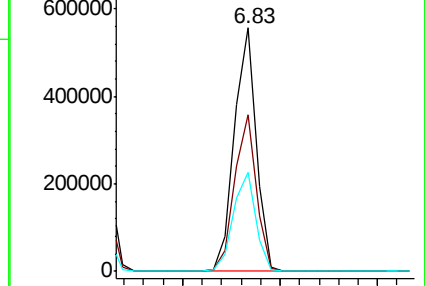
111 40.6 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.960 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

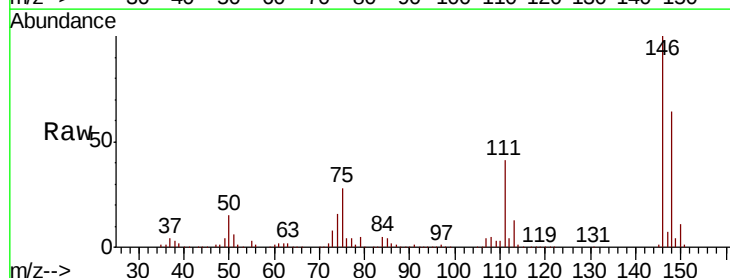
Tgt Ion:146 Resp: 417342

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

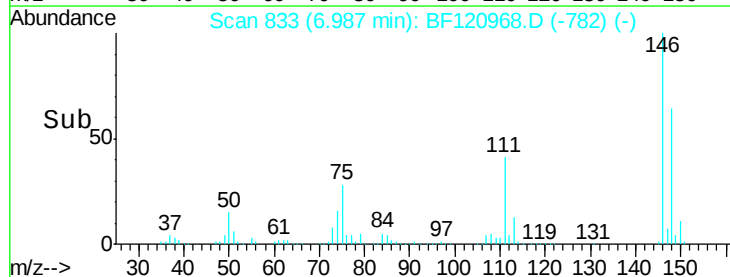
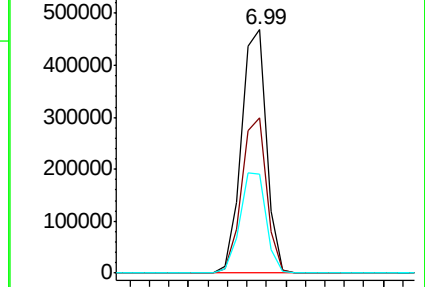
111 40.8 34.2 51.2

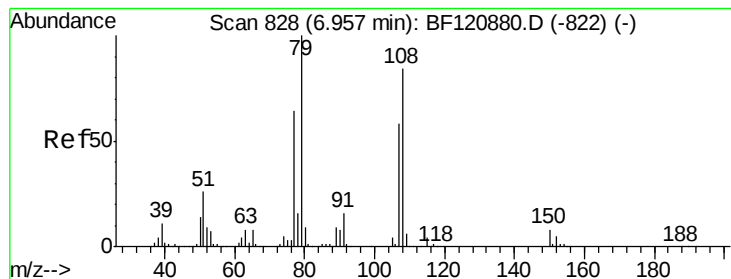


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.576 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

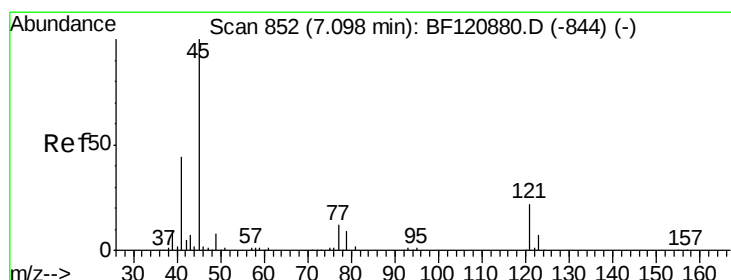
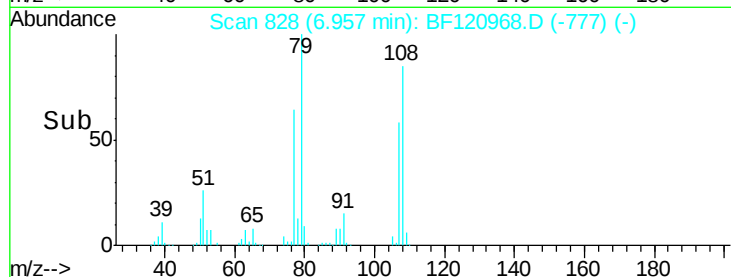
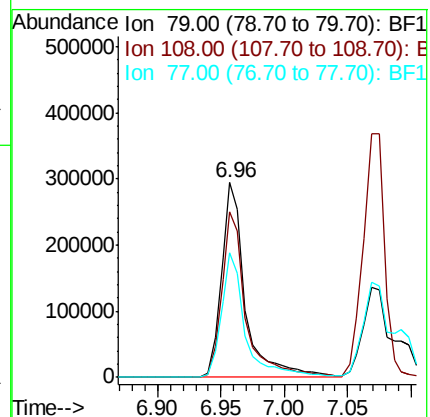
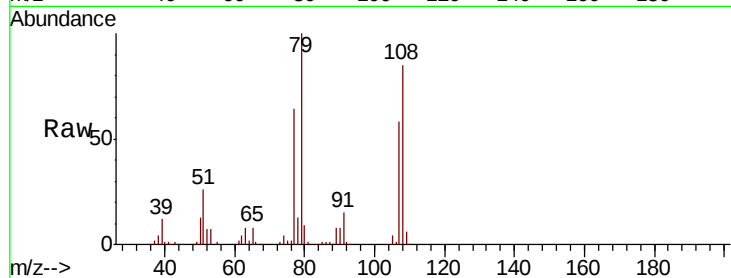
Tot Ion: 79 Resp: 389459

Ion Ratio Lower Upper

79 100

108 85.1 67.0 100.6

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.403 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

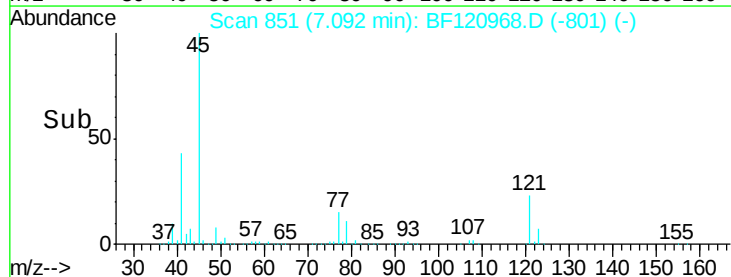
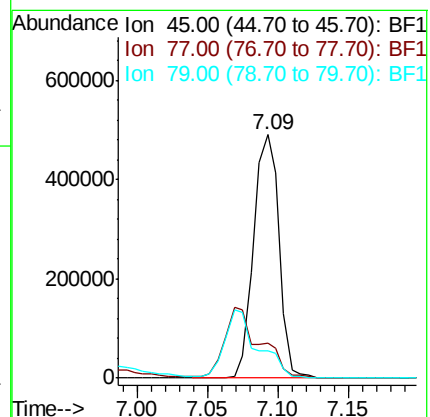
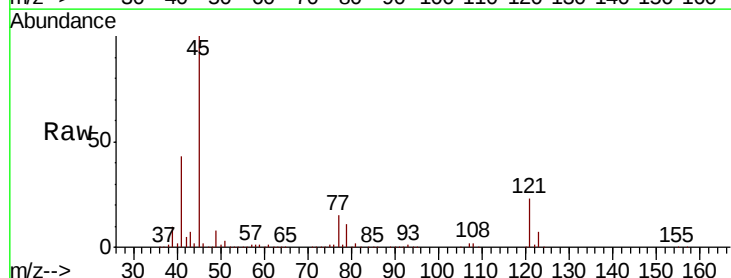
Tgt Ion: 45 Resp: 620471

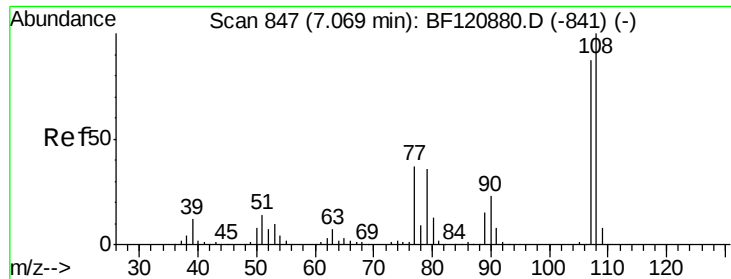
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.3

79 11.2 0.0 31.0

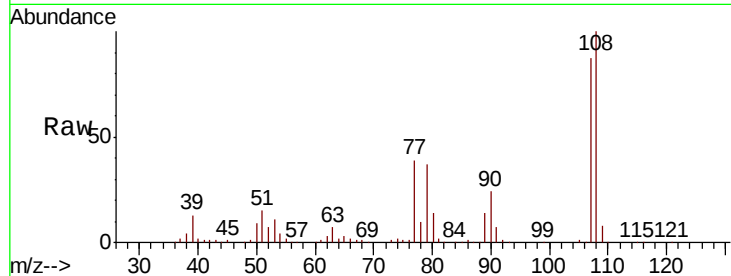




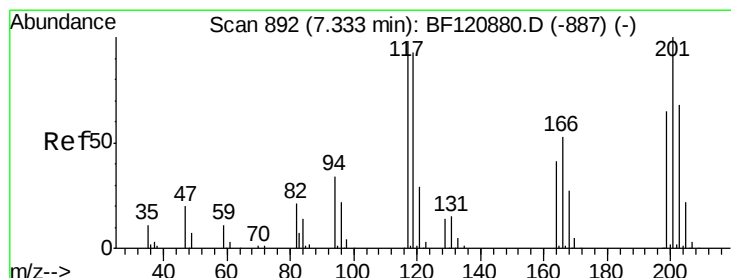
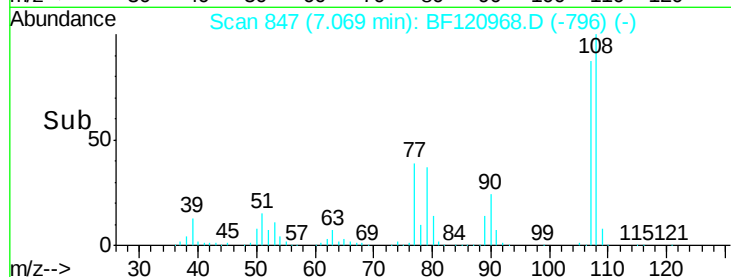
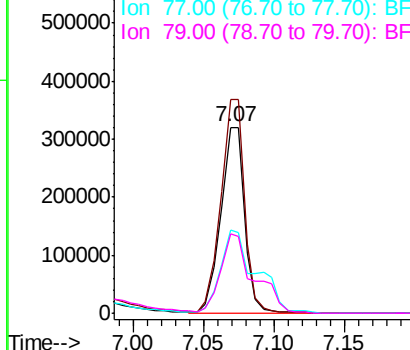
#17
2-Methylphenol
Concen: 39.434 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 376711
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 44.7 34.0 51.0
79 42.5 33.3 49.9

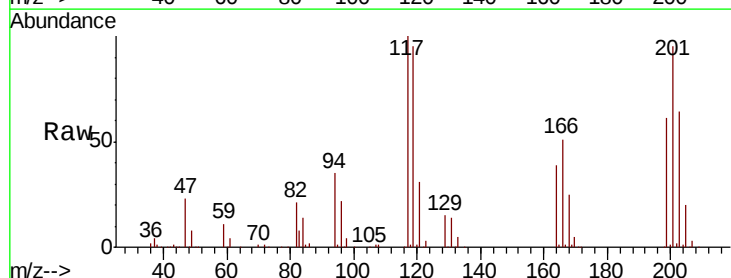


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

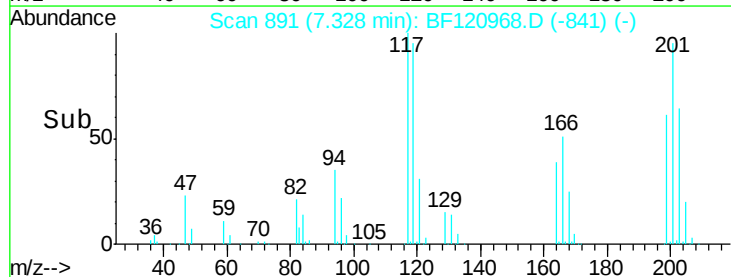
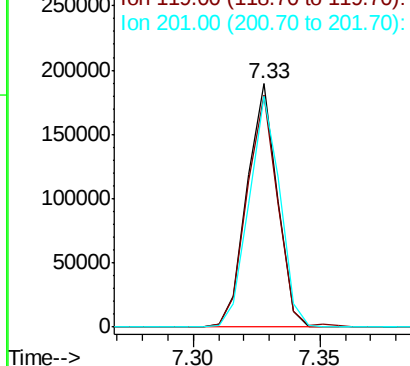


#18
Hexachloroethane
Concen: 37.349 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:117 Resp: 157098
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
201 95.0 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

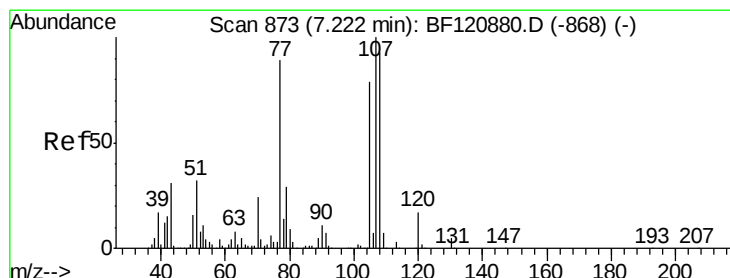
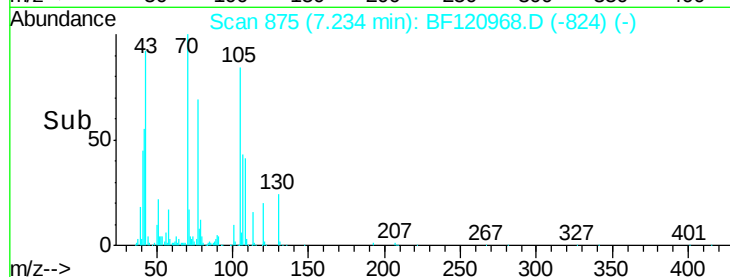
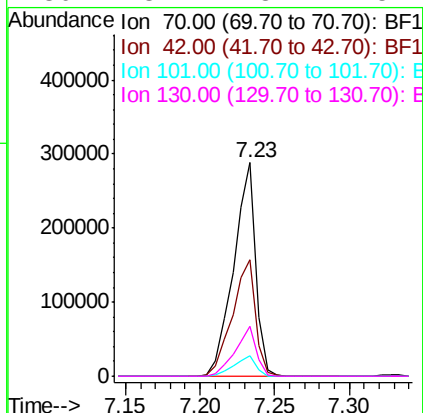
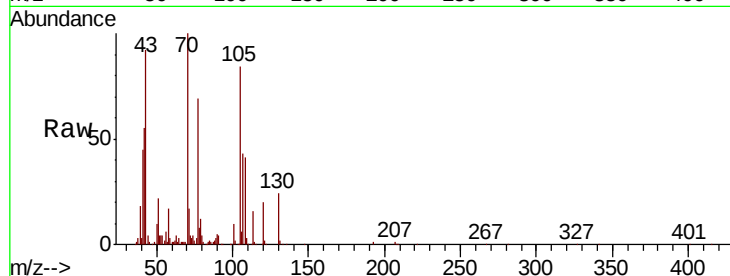




#19
n-Nitroso-di-n-propylamine
Concen: 41.707 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

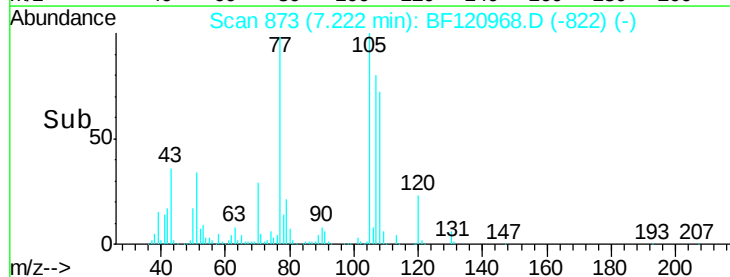
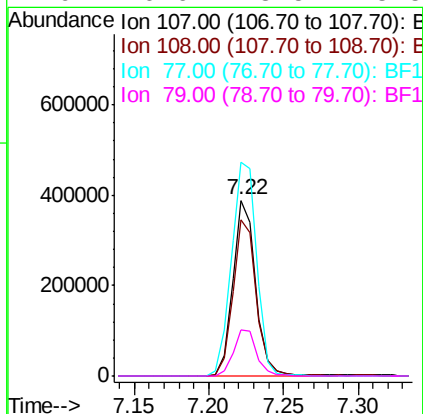
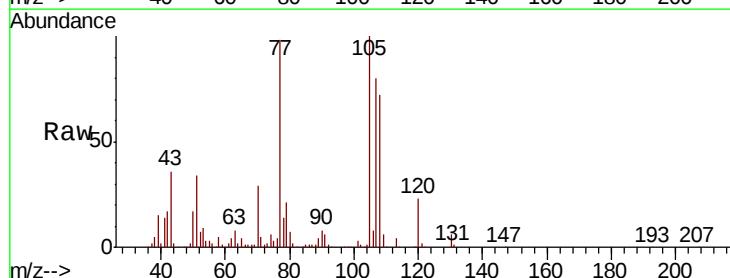
Instrument :
BNA_F
ClientSampleId :

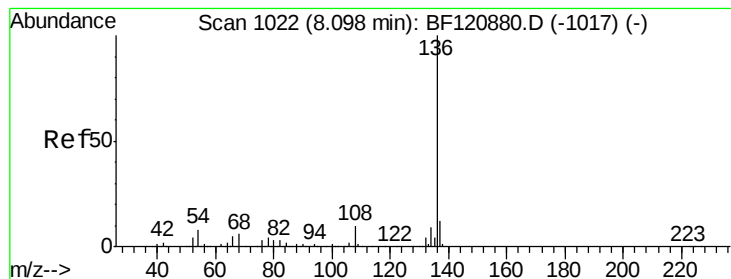
Tot Ion:	70	Resp:	299722
Ion	Ratio	Lower	Upper
70	100		
42	54.6	44.0	66.0
101	9.8	7.8	11.6
130	23.7	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.033 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:	107	Resp:	413573
Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.8	112.8
77	121.6	68.7	108.7#
79	26.6	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: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 627555

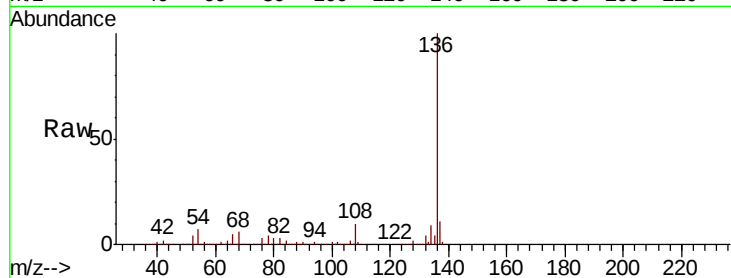
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.2 6.3 9.5

68 5.7 5.0 7.4

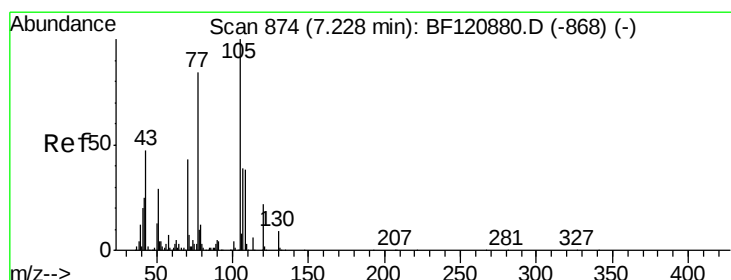
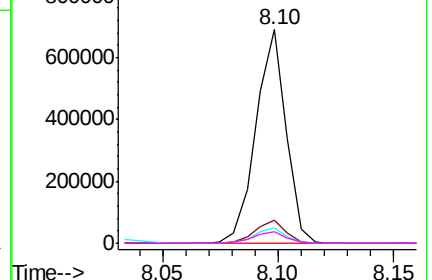
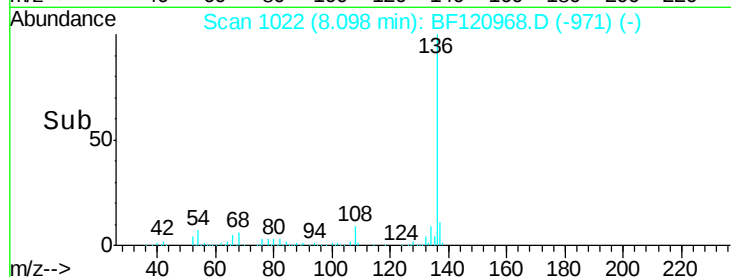


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.723 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:105 Resp: 601722

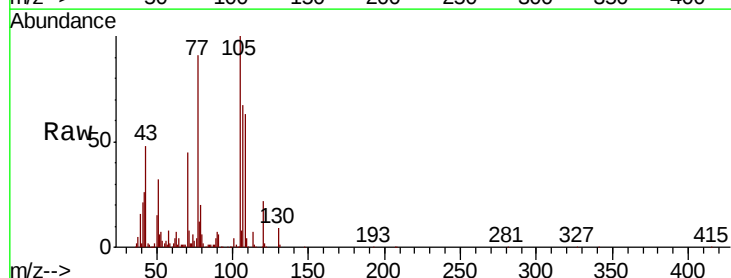
Ion Ratio Lower Upper

105 100

71 7.7 5.7 8.5

51 31.5 22.9 34.3

120 21.8 18.0 27.0

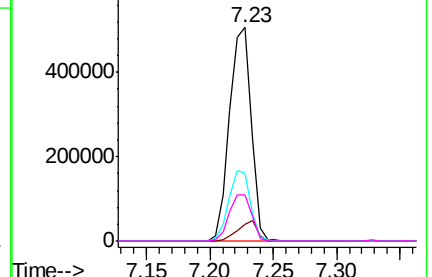
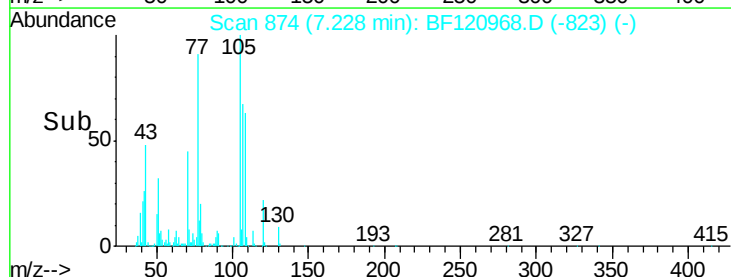


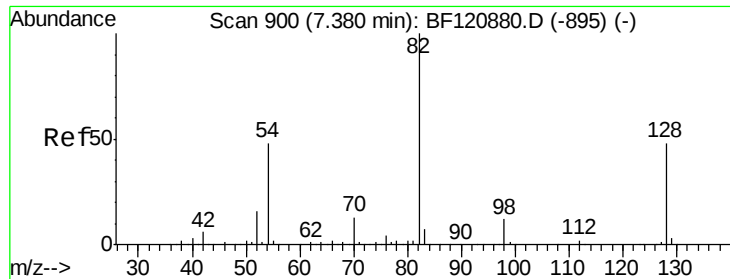
Abundance Ion 105.00 (104.70 to 105.70): E

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

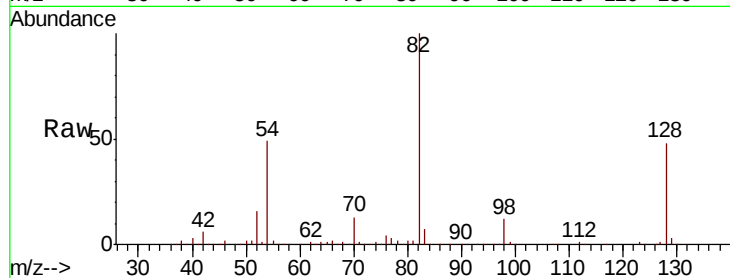




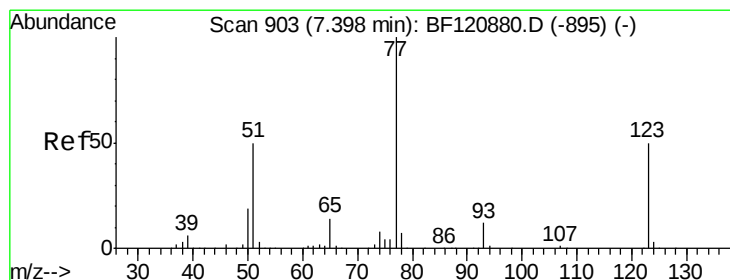
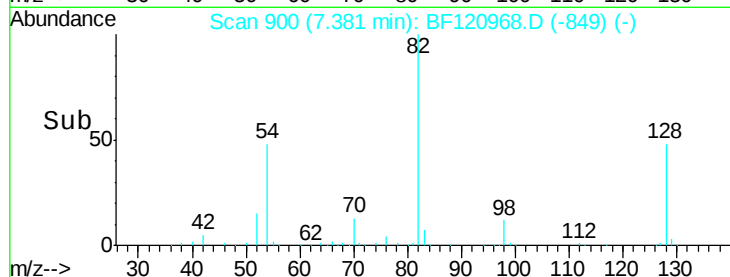
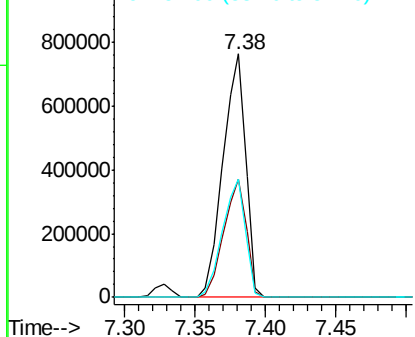
#23
Nitrobenzene-d5
Concen: 78.517 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	851557
Ion Ratio	100	Lower	Upper
128	48.3	38.2	57.4
54	48.5	38.7	58.1

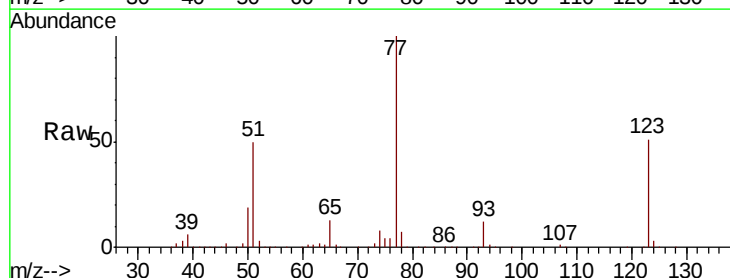


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

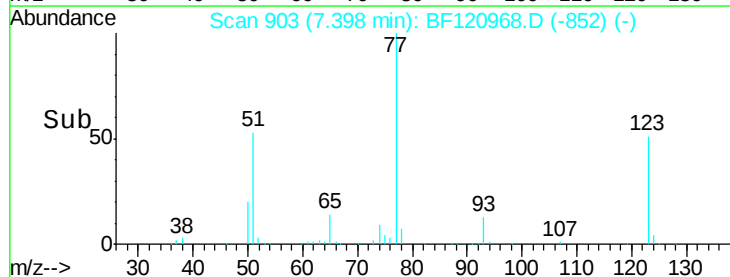
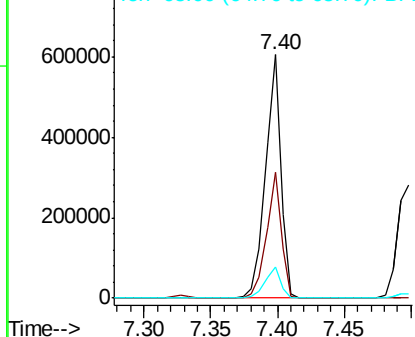


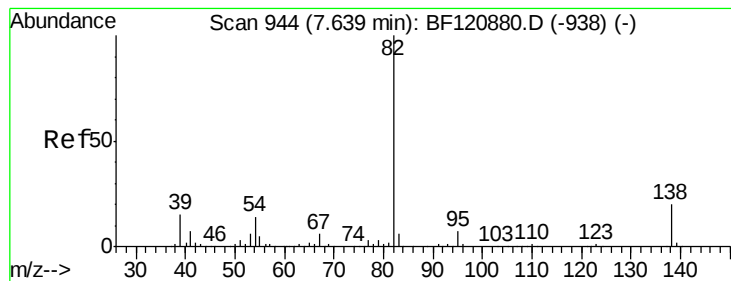
#24
Nitrobenzene
Concen: 41.045 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	77	Resp	479791
Ion Ratio	100	Lower	Upper
123	51.5	40.1	60.1
65	13.0	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.967 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

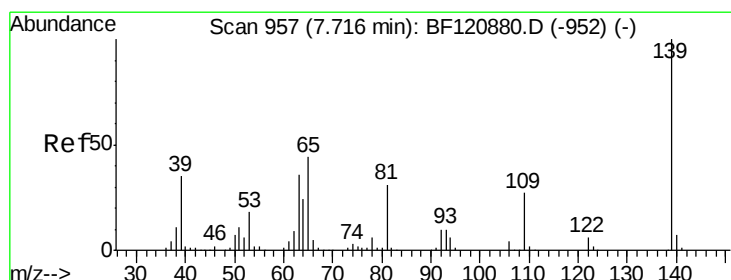
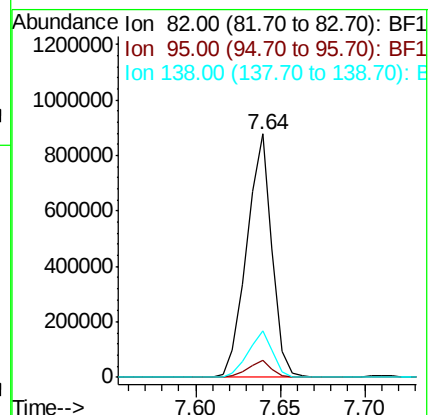
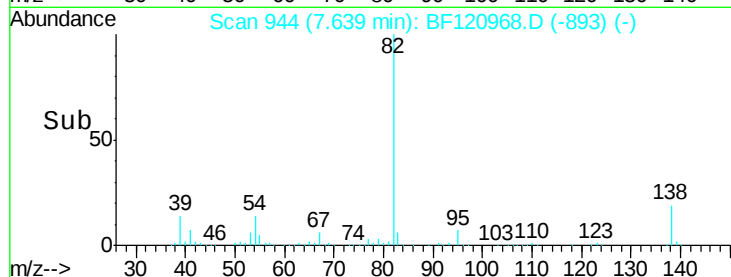
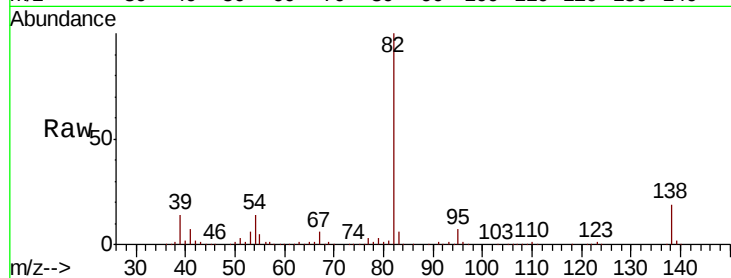
Tot Ion: 82 Resp: 908394

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.0 15.6 23.4



#26

2-Nitrophenol

Concen: 45.576 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

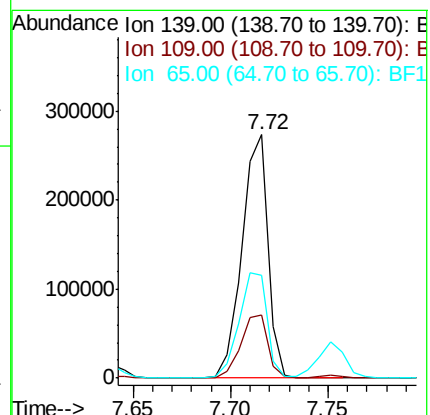
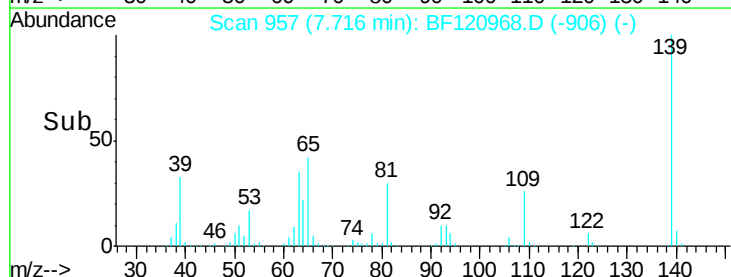
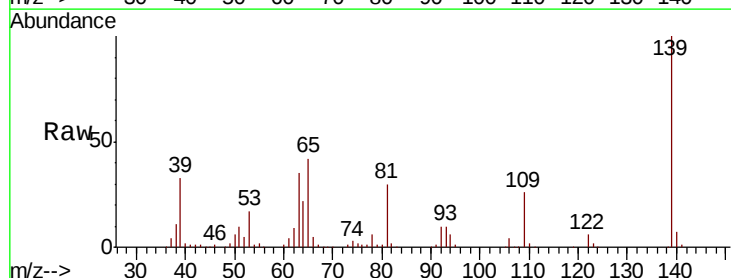
Tgt Ion: 139 Resp: 253022

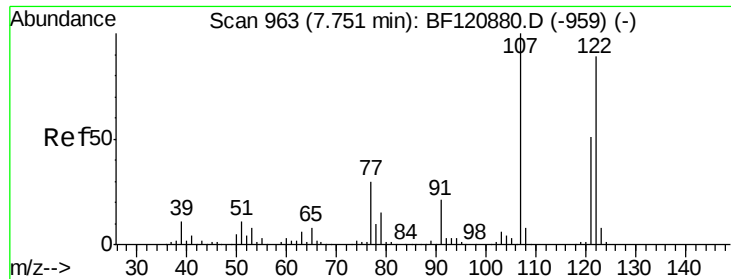
Ion Ratio Lower Upper

139 100

109 26.1 21.6 32.4

65 42.4 35.3 52.9

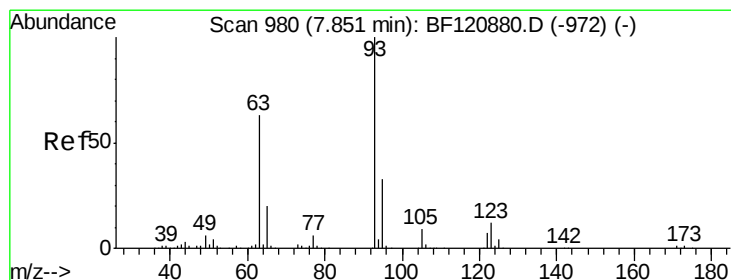
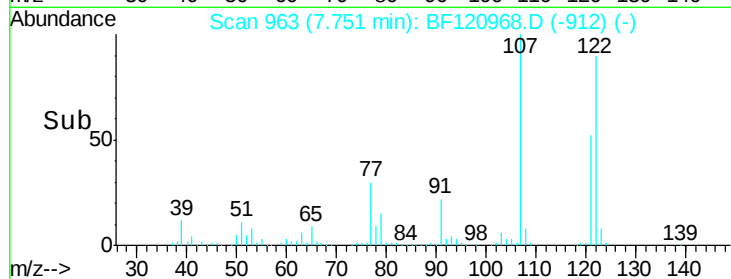
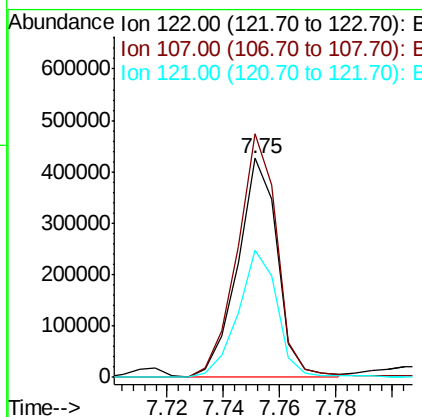
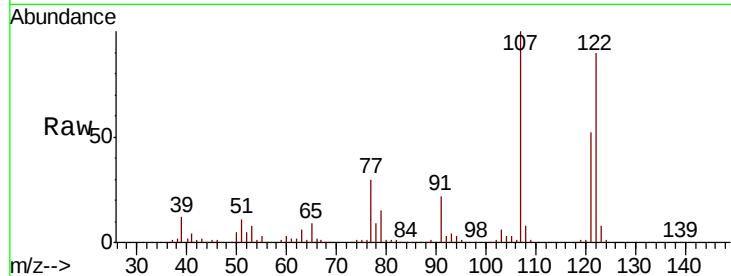




#27
 2,4-Dimethylphenol
 Concen: 46.347 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

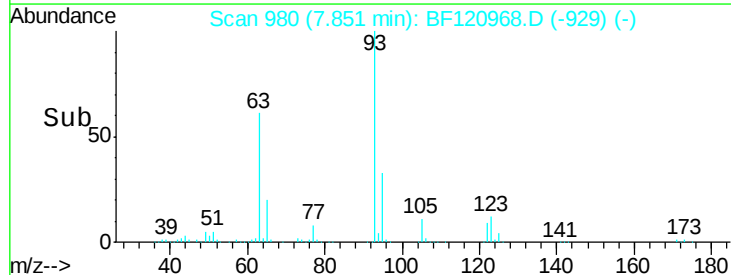
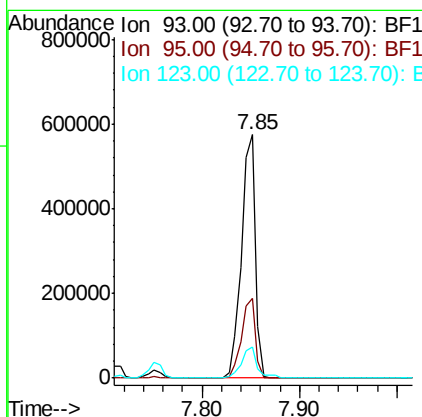
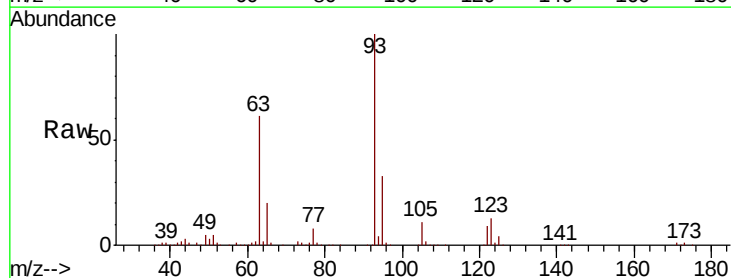
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 417754
 Ion Ratio Lower Upper
 122 100
 107 111.3 89.4 134.0
 121 57.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.120 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion: 93 Resp: 569727
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 39.8
 123 12.6 10.0 15.0

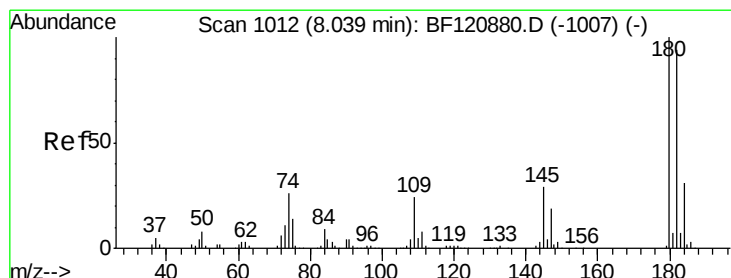
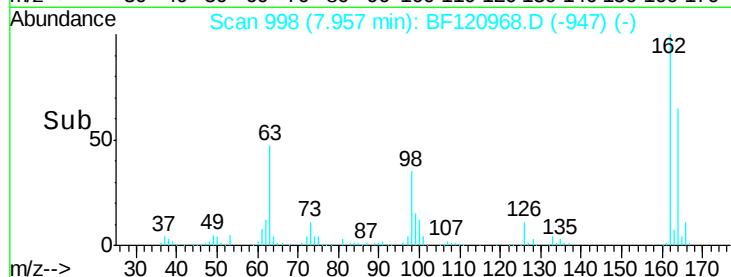
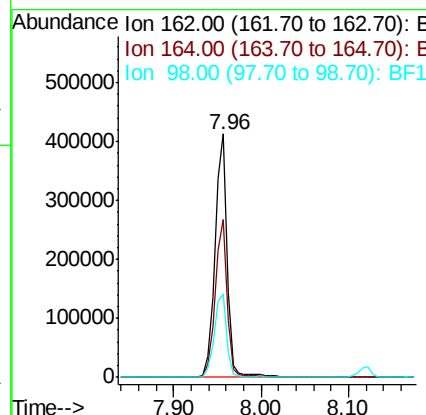
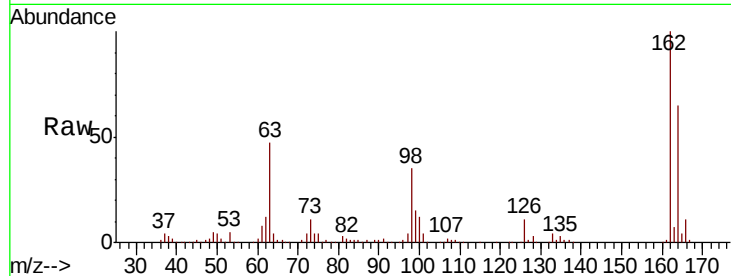




#29
 2,4-Dichlorophenol
 Concen: 43.467 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

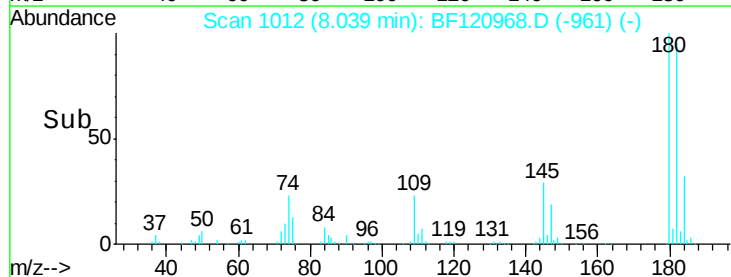
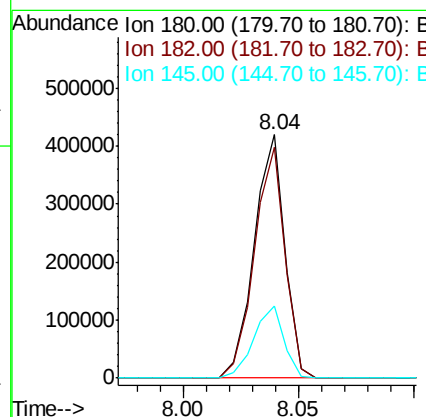
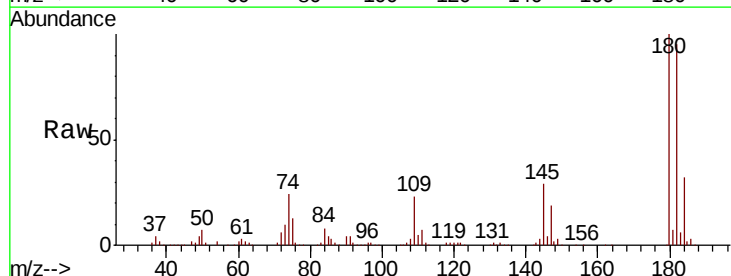
Instrument :
 BNA_F
 ClientSampleId :

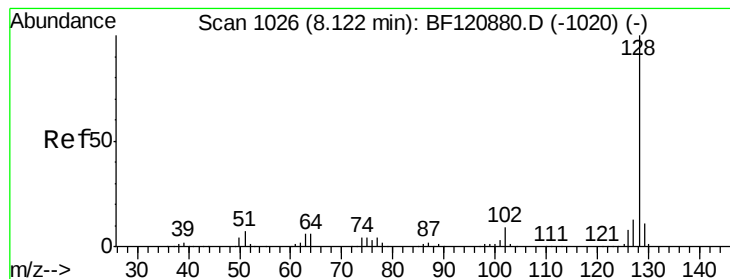
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.3	85.3
98	34.5	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.079 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.4	23.5	35.3





#31

Naphthalene

Concen: 39.223 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

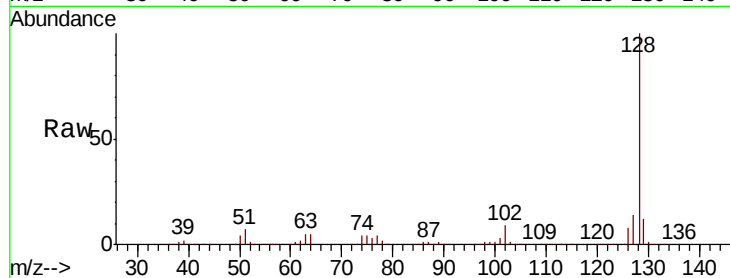
Tot Ion:128 Resp: 1262621

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

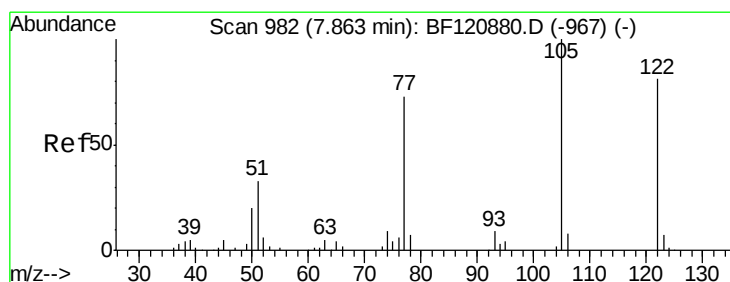
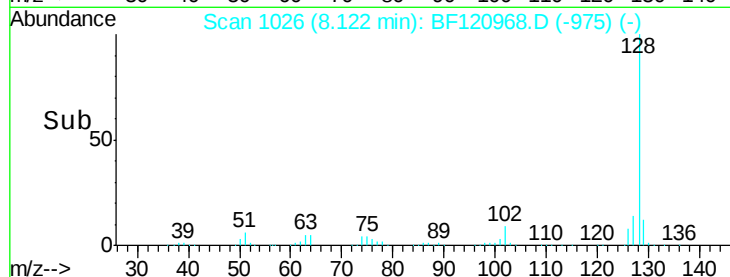
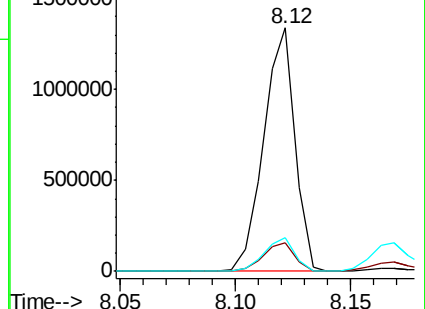
127 13.7 10.7 16.1



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: 37.149 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

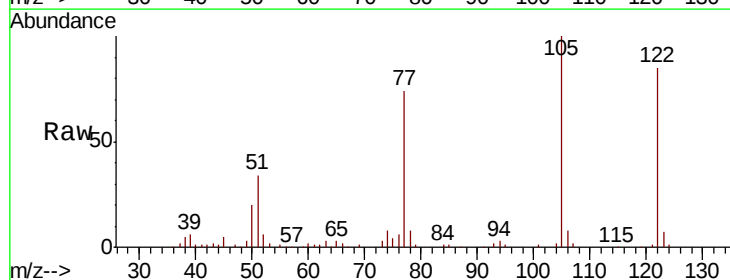
Tgt Ion:122 Resp: 251362

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

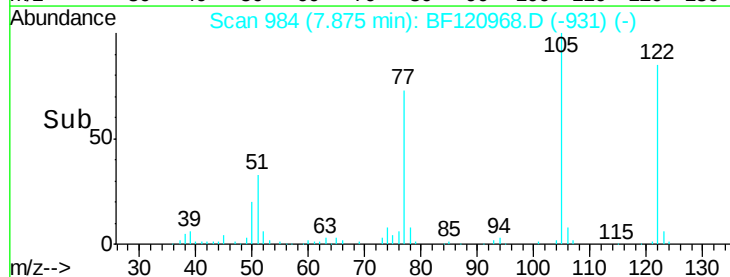
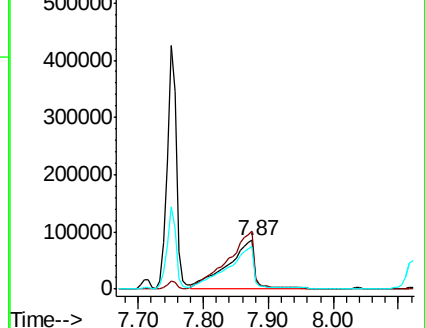
77 87.3 69.1 109.1



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

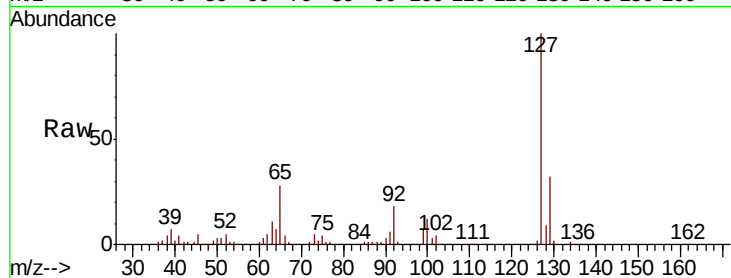




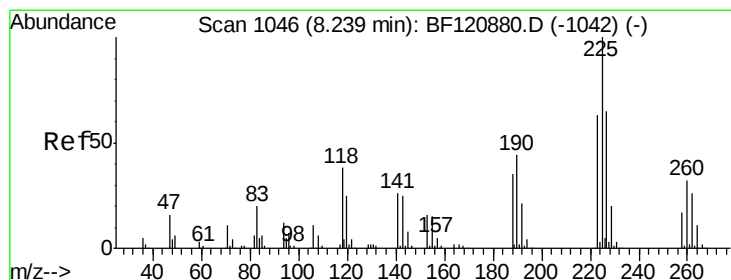
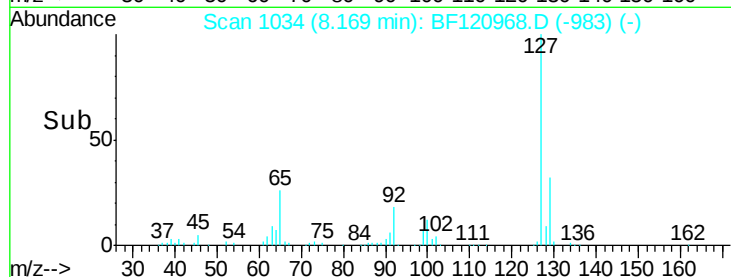
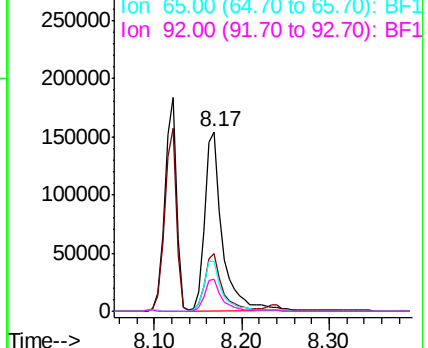
#33
4-Chloroaniline
Concen: 15.182 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	218007
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	28.0	23.0	34.4
92	17.7	14.5	21.7

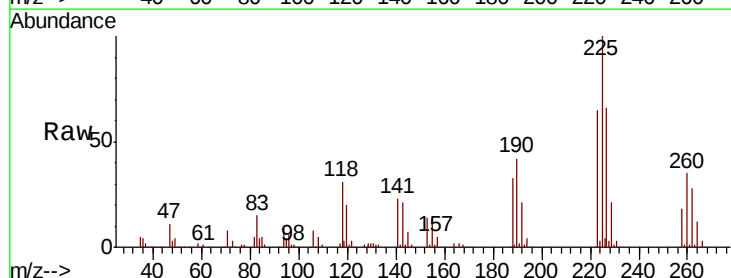


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

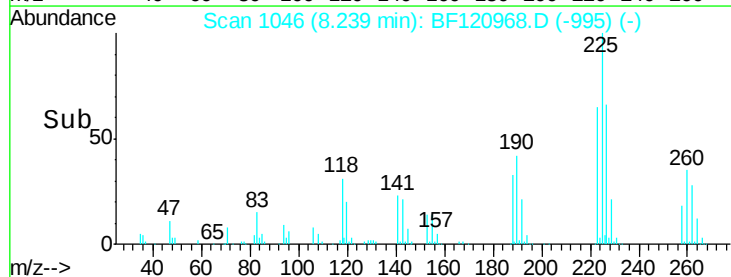
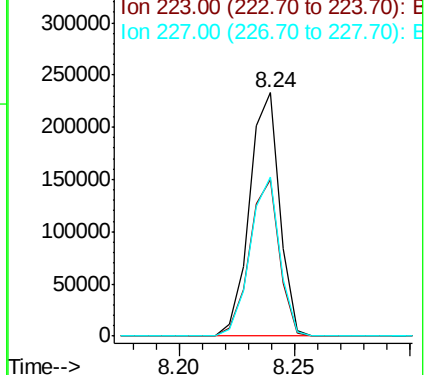


#34
Hexachlorobutadiene
Concen: 35.358 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:	225	Resp:	213001
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	65.5	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

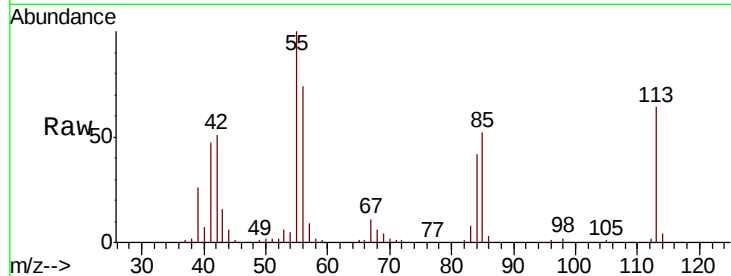




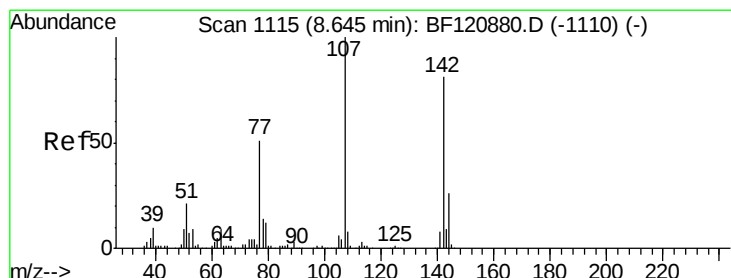
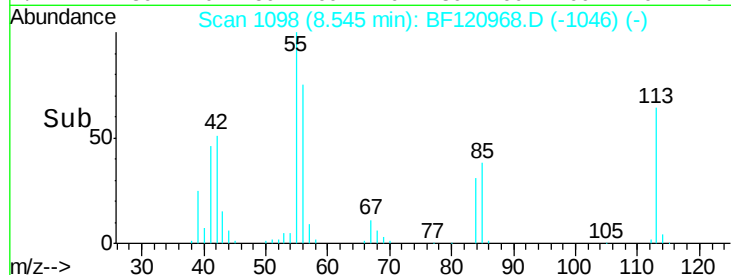
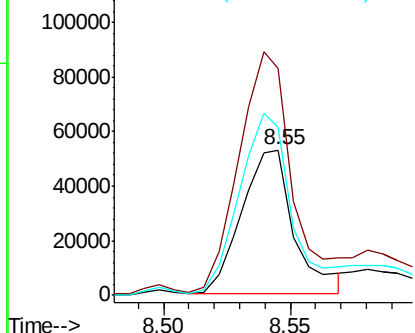
#35
Caprolactam
Concen: 25.897 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 76491
Ion Ratio Lower Upper
113 100
55 155.9 143.3 183.3
56 116.0 99.4 139.4

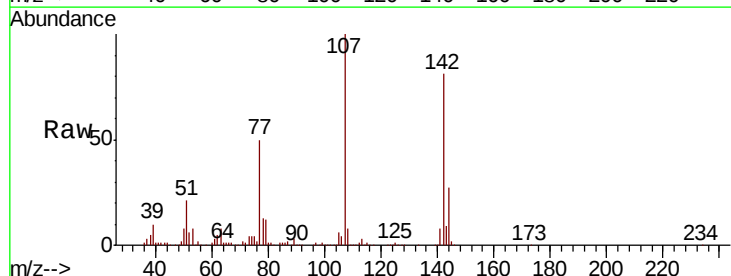


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

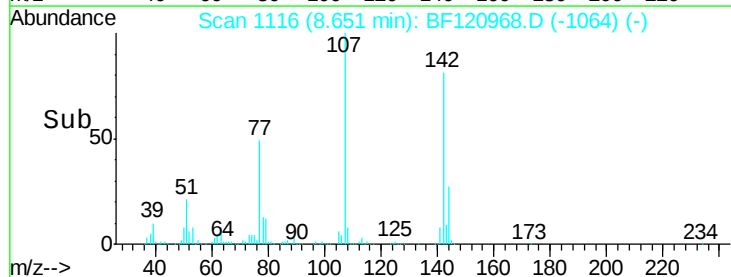
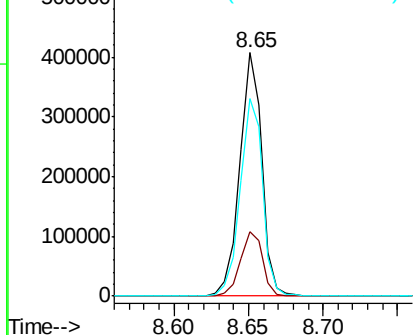


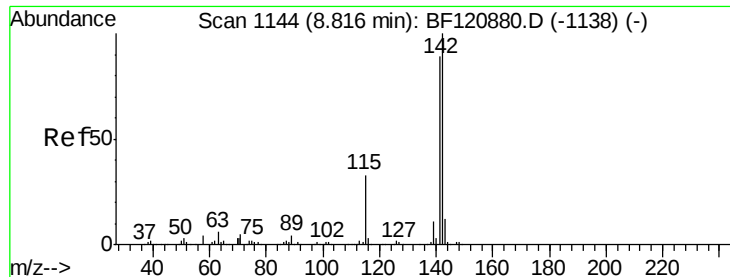
#36
4-Chloro-3-methylphenol
Concen: 44.361 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:107 Resp: 419057
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.6
142 81.3 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

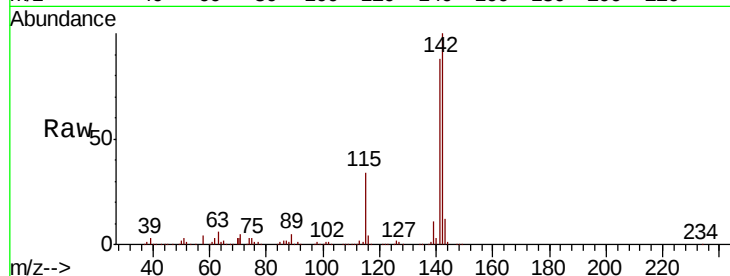




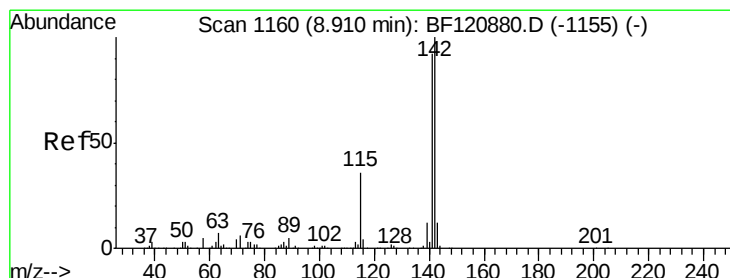
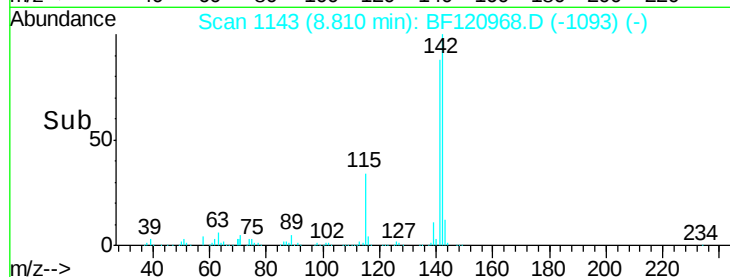
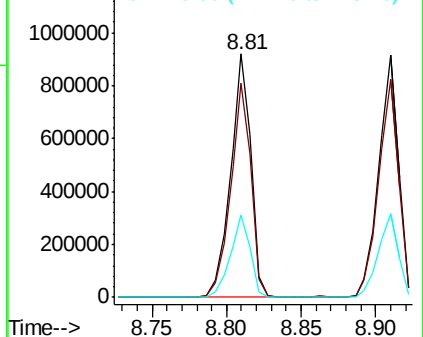
#37
2-Methylnaphthalene
Concen: 42.239 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.4
115	33.7	26.0	39.0

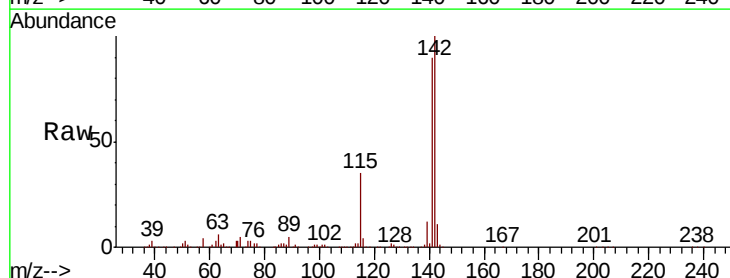


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

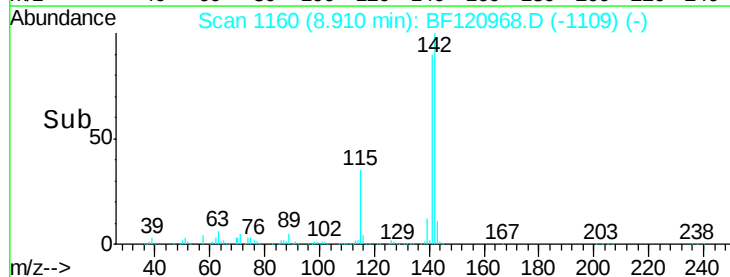
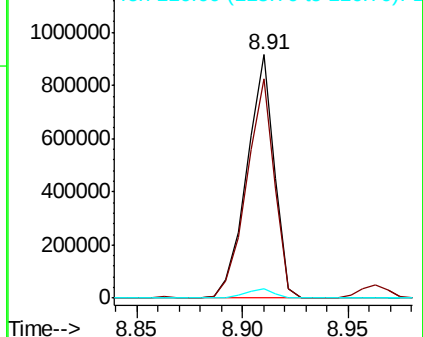


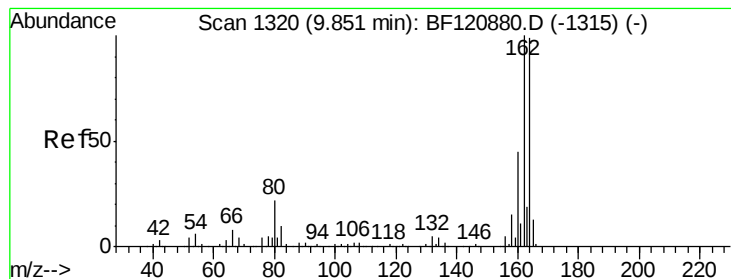
#38
1-Methylnaphthalene
Concen: 41.791 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5
116	3.6	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampled :

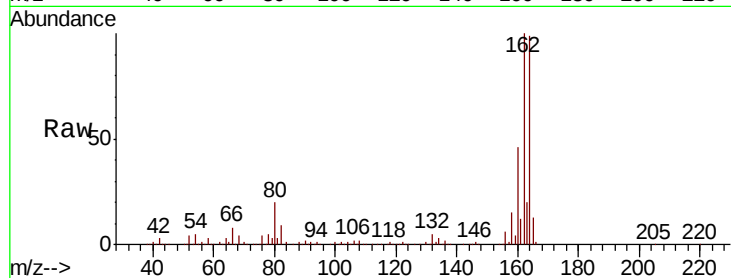
Tot Ion:164 Resp: 332806

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

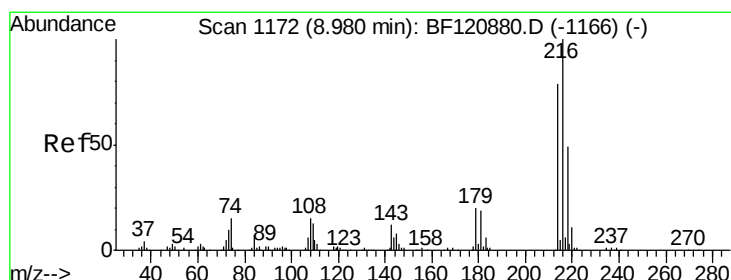
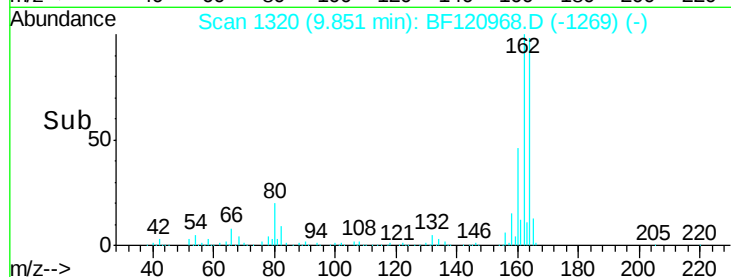
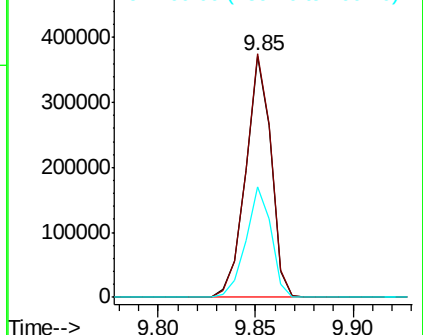
160 45.9 36.9 55.3



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: 41.208 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:216 Resp: 399573

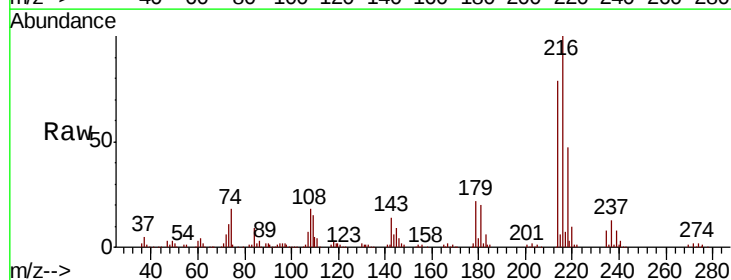
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 20.6 16.6 24.8

108 19.8 15.4 23.0

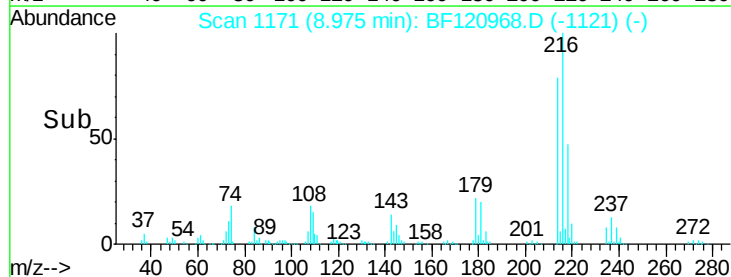
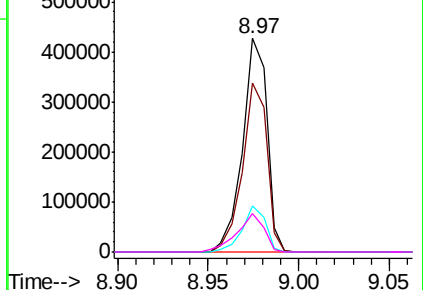


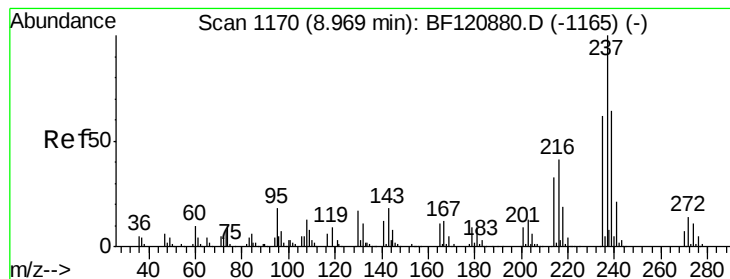
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.032 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

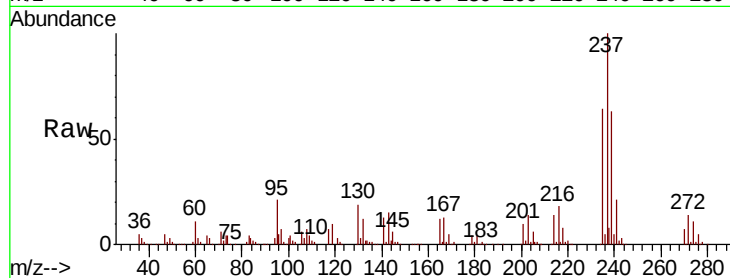
Tot Ion:237 Resp: 386023

Ion Ratio Lower Upper

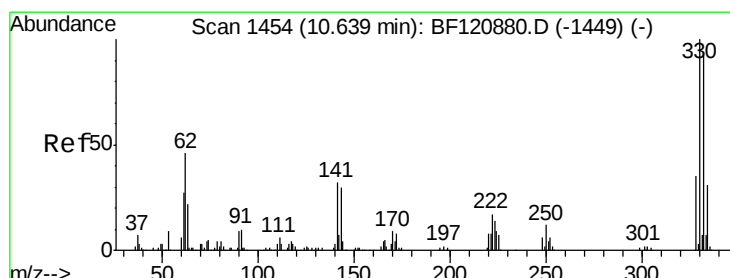
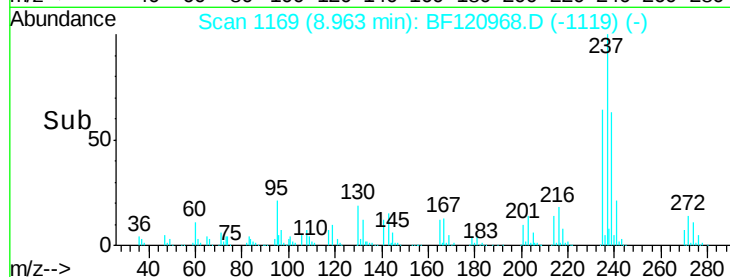
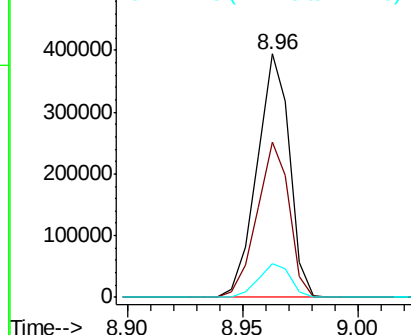
237 100

235 63.9 41.6 81.6

272 13.7 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: 113.156 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

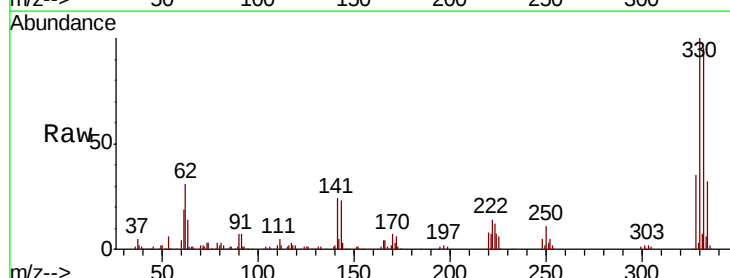
Tgt Ion:330 Resp: 412214

Ion Ratio Lower Upper

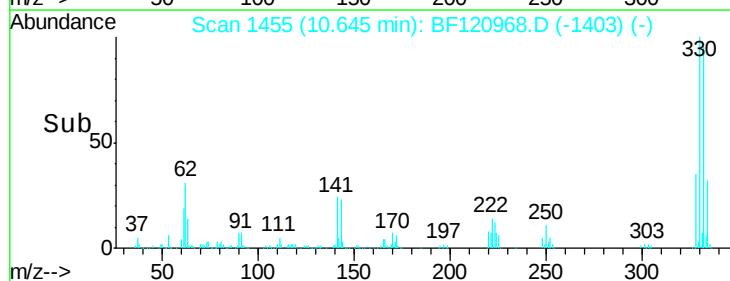
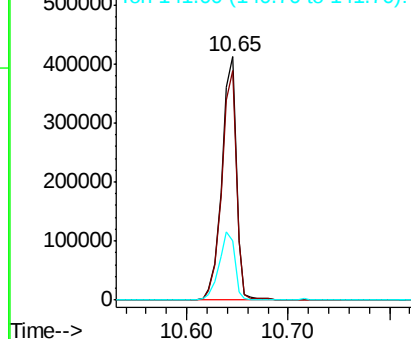
330 100

332 95.0 75.5 113.3

141 30.3 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

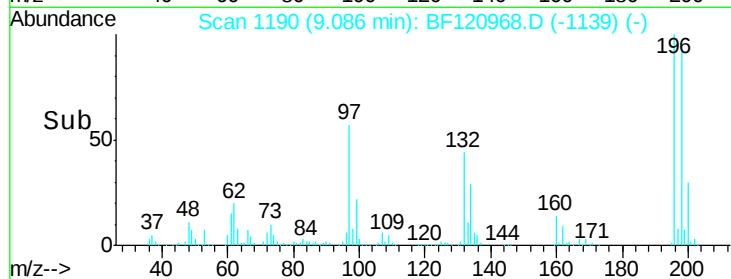
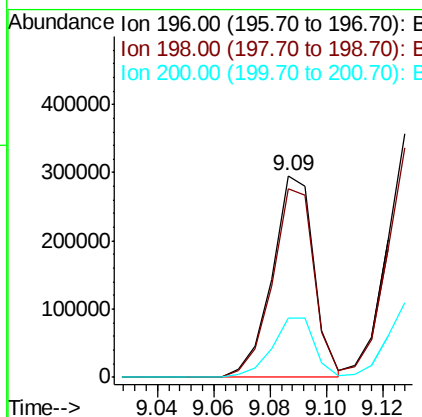
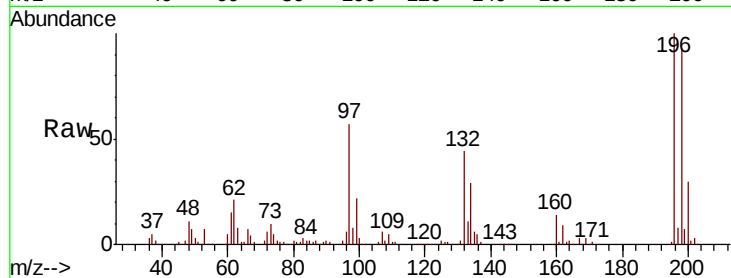




#43
 2,4,6-Trichlorophenol
 Concen: 44.129 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

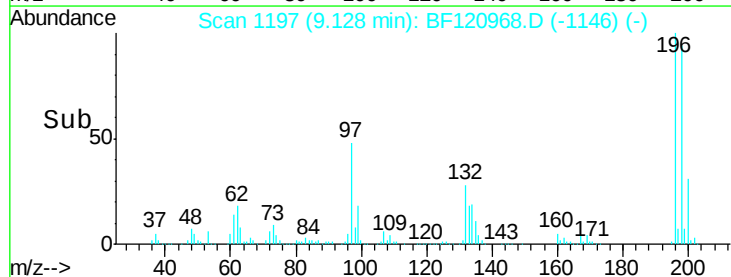
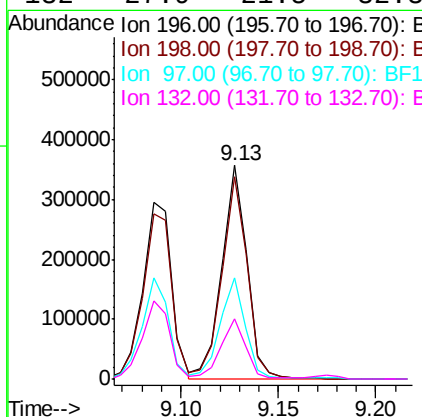
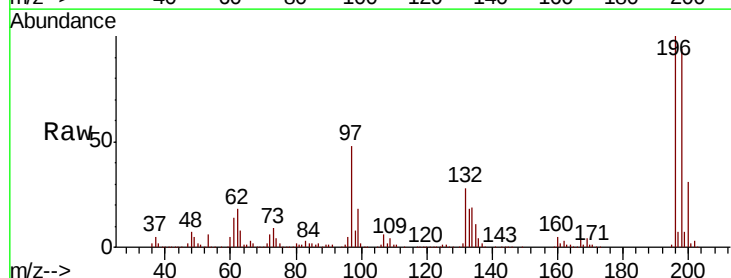
Instrument :
 BNA_F
 ClientSampled :

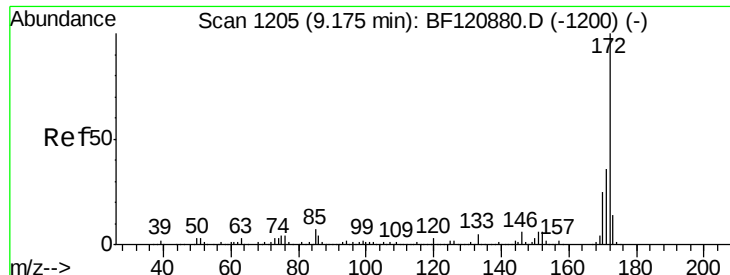
Tot Ion:196 Resp: 301277
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:196 Resp: 319650
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.6 116.4
 97 47.7 35.6 53.4
 132 27.9 21.5 32.3

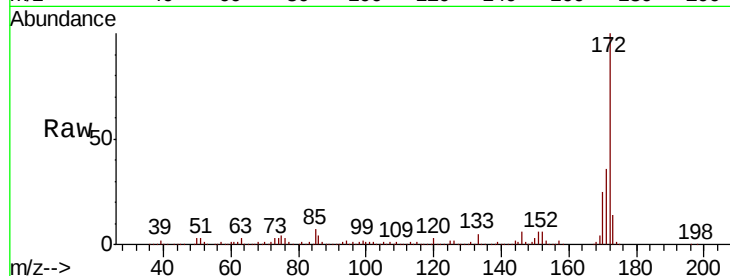




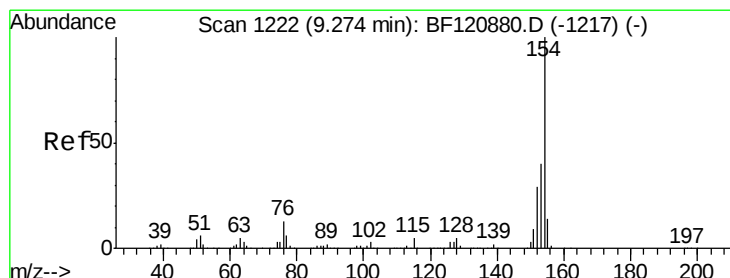
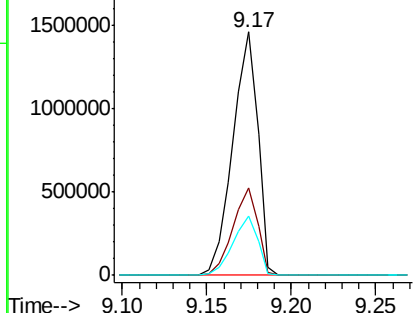
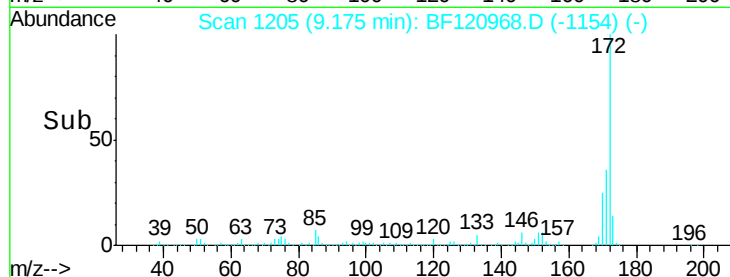
#45
2-Fluorobiphenyl
Concen: 67.195 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1497801
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.6 19.6 29.4

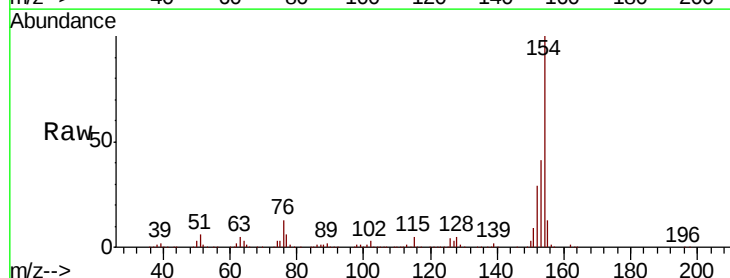


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

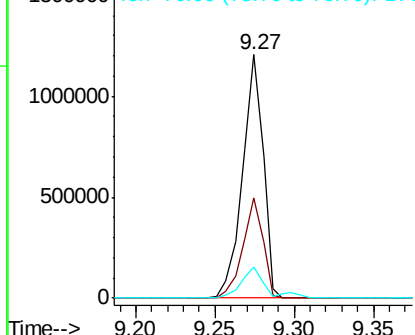
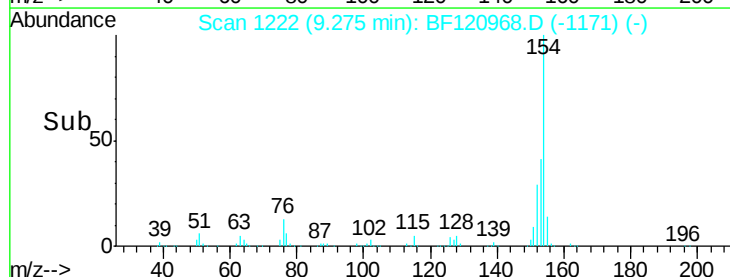


#46
1,1'-Biphenyl
Concen: 42.712 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:154 Resp: 1084315
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 12.9 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

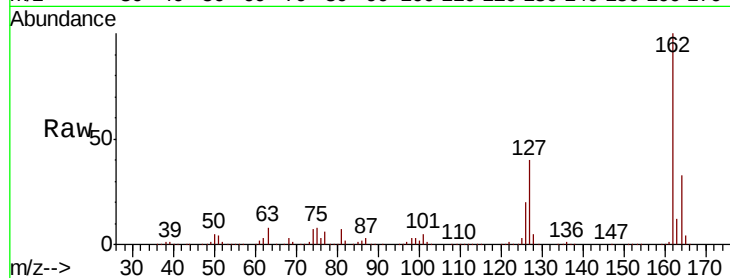




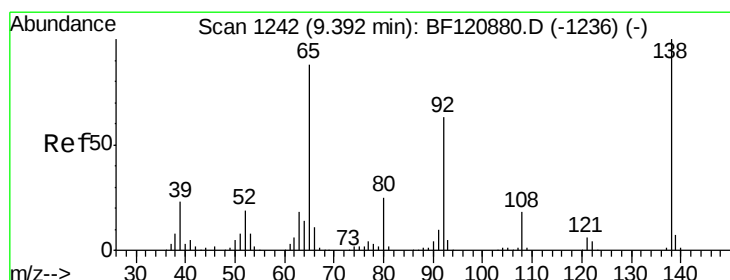
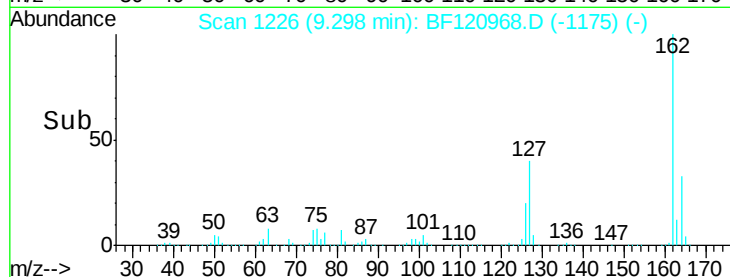
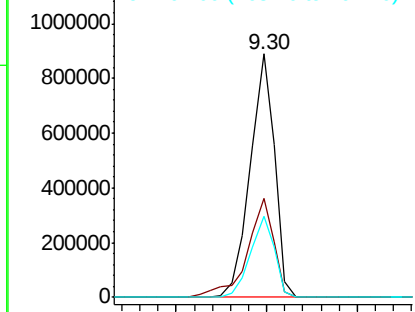
#47
 2-Chloronaphthalene
 Concen: 40.113 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.3	49.9
164	33.3	26.6	39.8

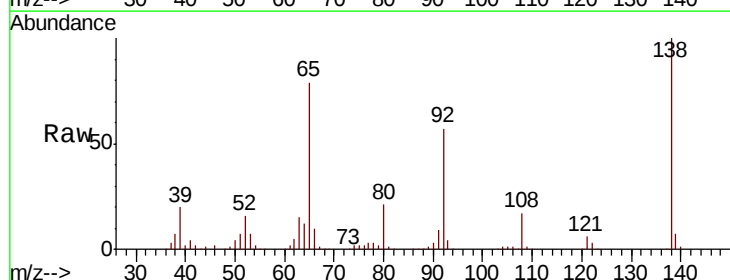


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

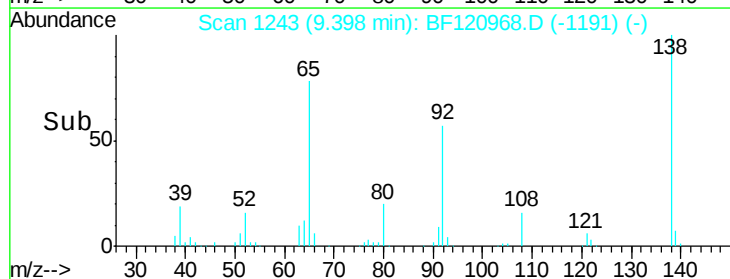
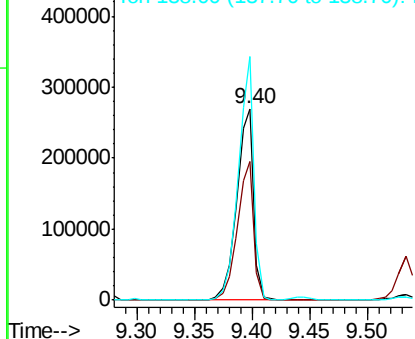


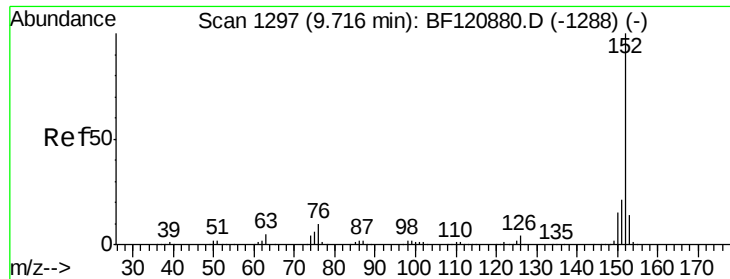
#48
 2-Nitroaniline
 Concen: 43.287 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.0	85.4
138	127.0	90.4	135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.979 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

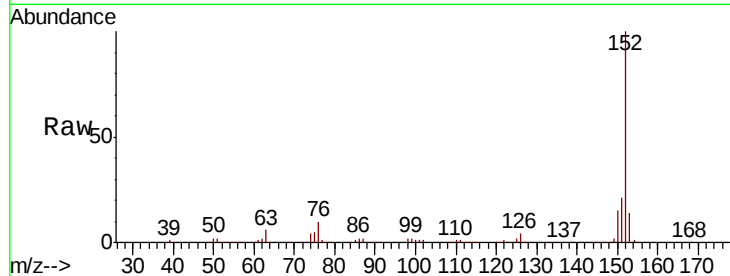
Tot Ion:152 Resp: 1349805

Ion Ratio Lower Upper

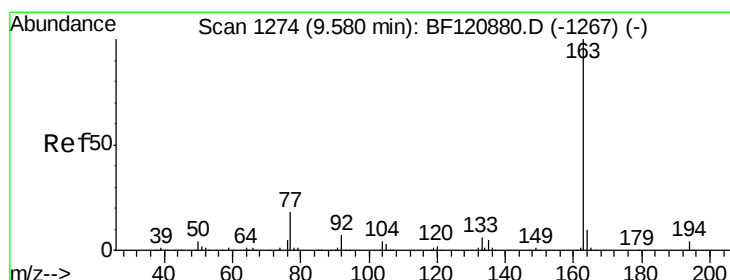
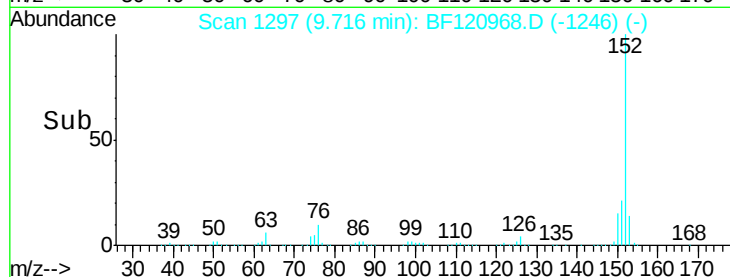
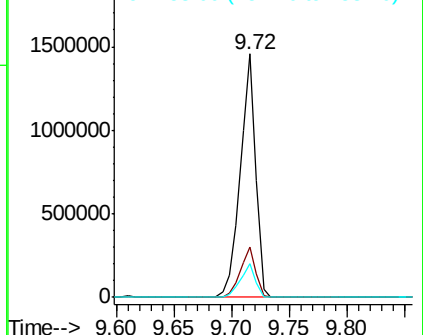
152 100

151 20.8 16.6 25.0

153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.859 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

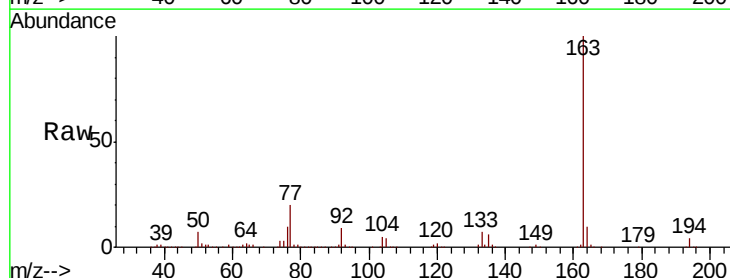
Tgt Ion:163 Resp: 1269130

Ion Ratio Lower Upper

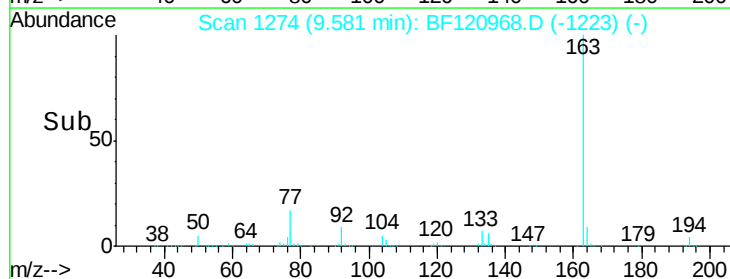
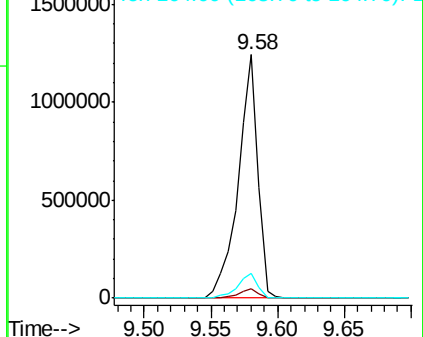
163 100

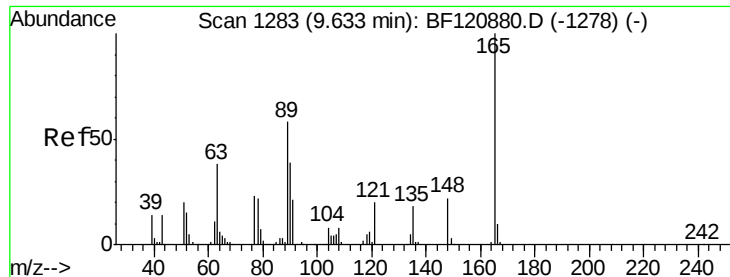
194 3.9 3.2 4.8

164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

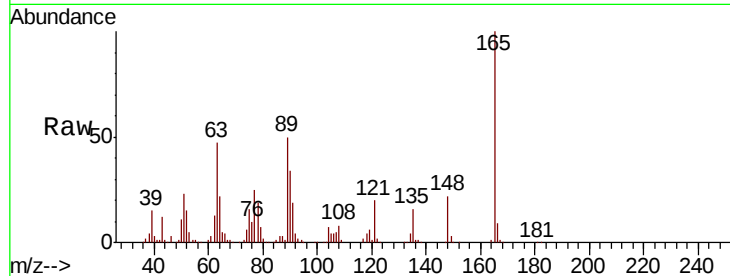




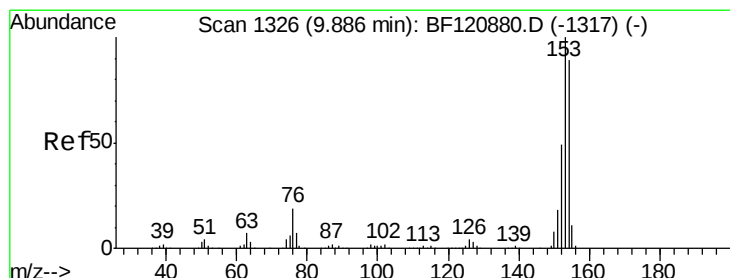
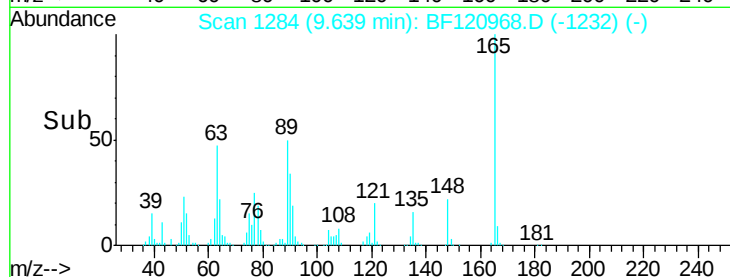
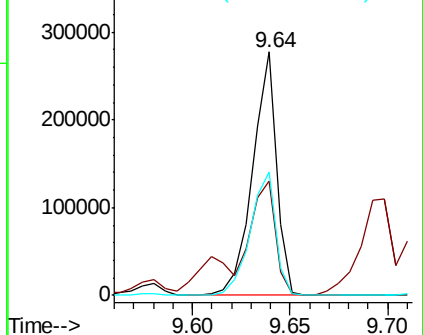
#51
2,6-Dinitrotoluene
Concen: 45.840 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 236458
Ion Ratio Lower Upper
165 100
63 47.1 45.4 68.2
89 50.4 47.0 70.4

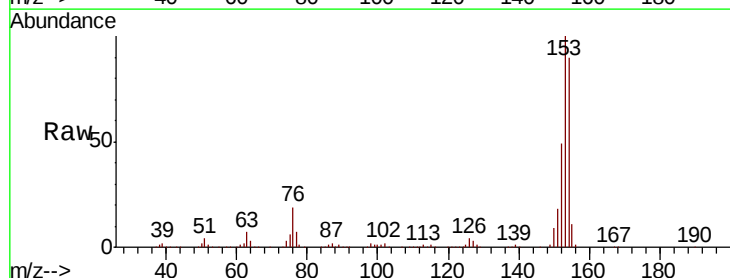


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

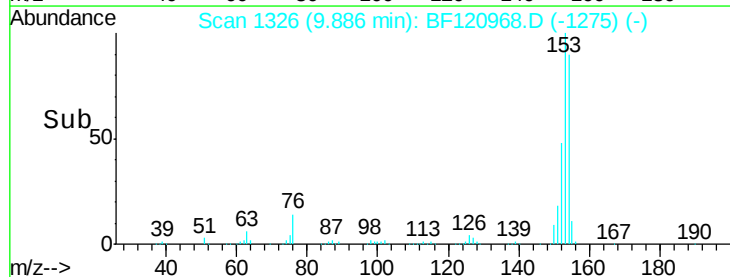
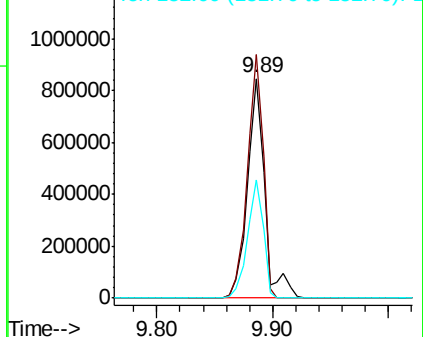


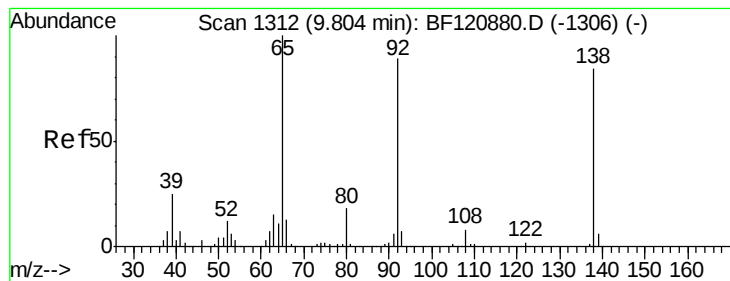
#52
Acenaphthene
Concen: 42.733 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:154 Resp: 873581
Ion Ratio Lower Upper
154 100
153 111.0 89.5 134.3
152 53.8 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: 20.921 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

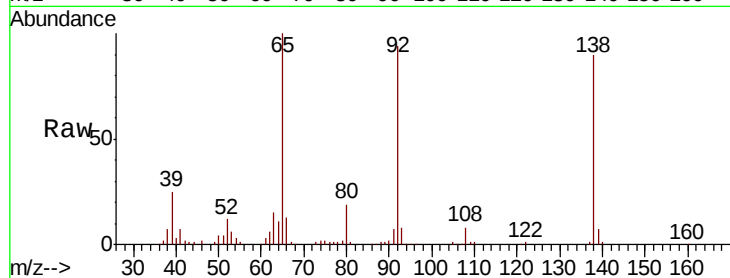
Tot Ion:138 Resp: 135350

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

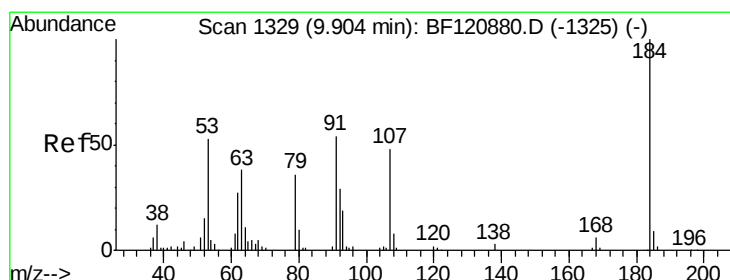
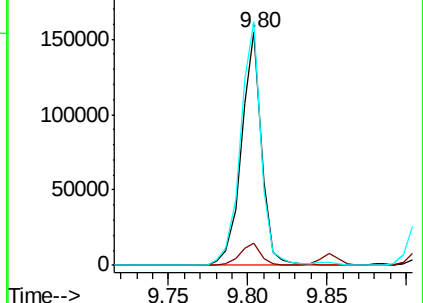
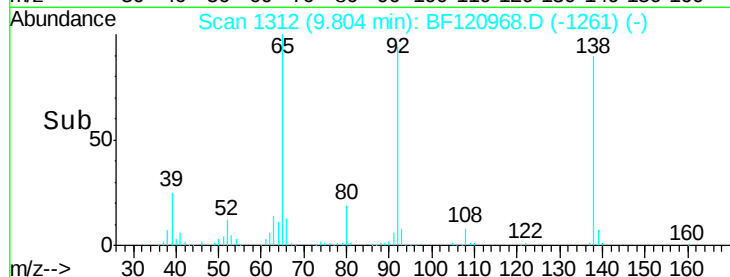
92 104.6 85.3 127.9



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: 48.053 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

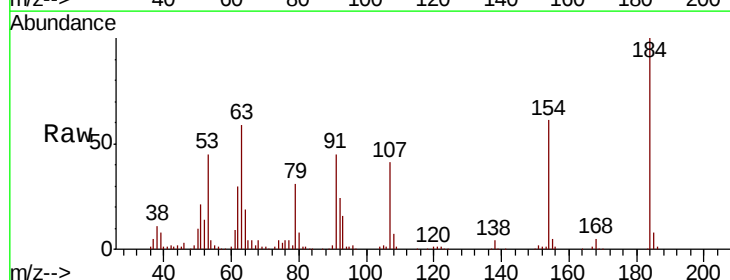
Tgt Ion:184 Resp: 133816

Ion Ratio Lower Upper

184 100

63 59.2 57.9 86.9

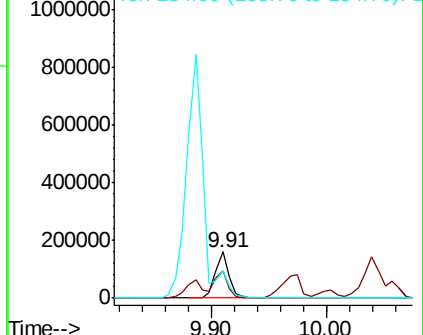
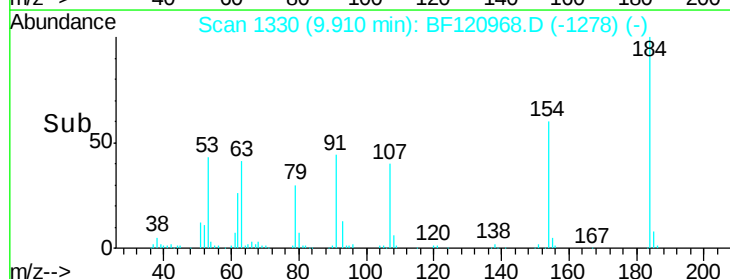
154 60.6 52.6 78.8

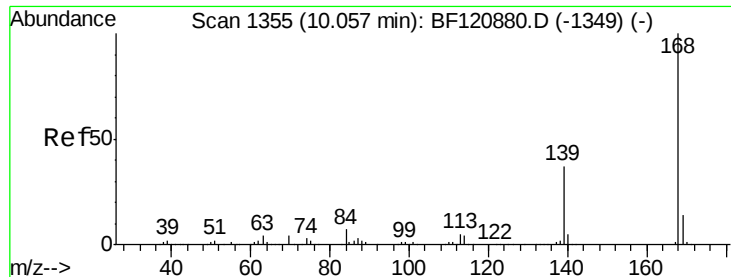


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

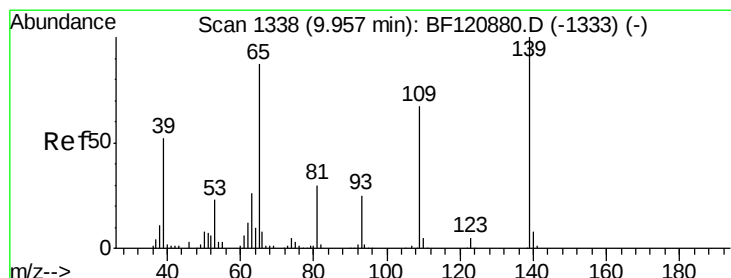
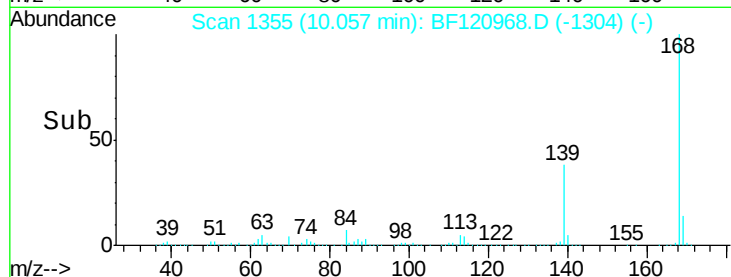
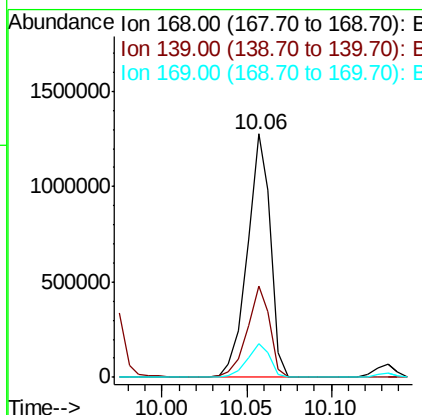
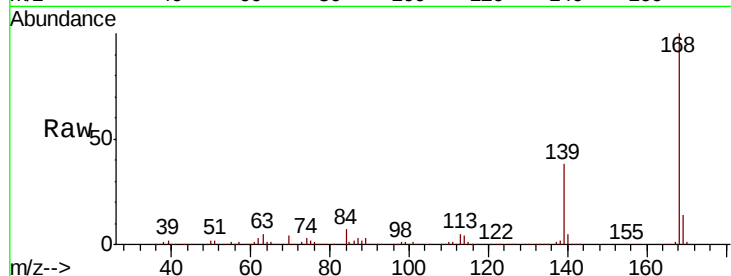




#55
Dibenzenofuran
Concen: 41.202 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

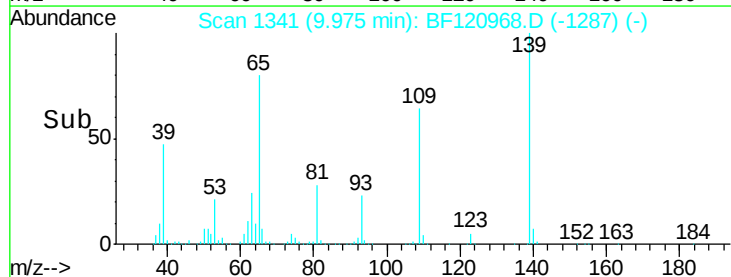
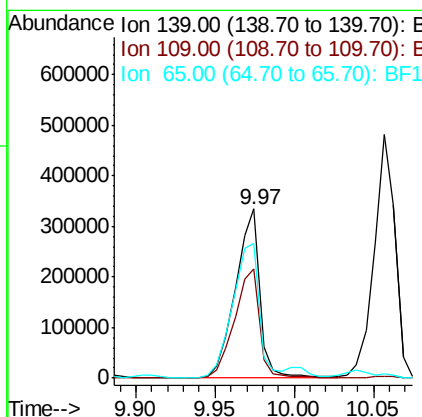
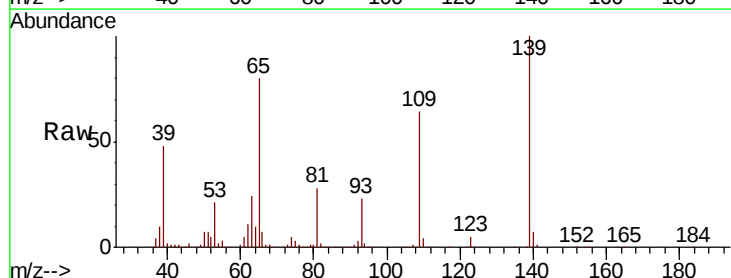
Instrument :
BNA_F
ClientSampleId :

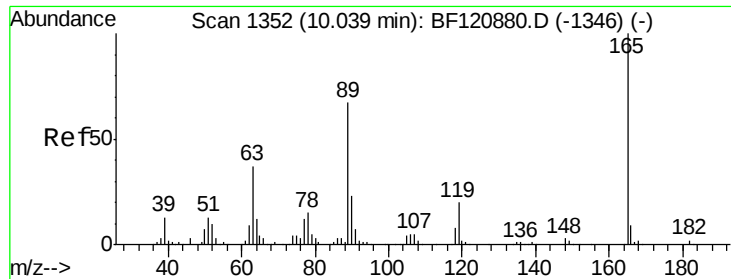
Tot Ion:168 Resp: 1218026
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 72.969 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:139 Resp: 358595
Ion Ratio Lower Upper
139 100
109 64.2 47.3 87.3
65 79.9 67.2 107.2

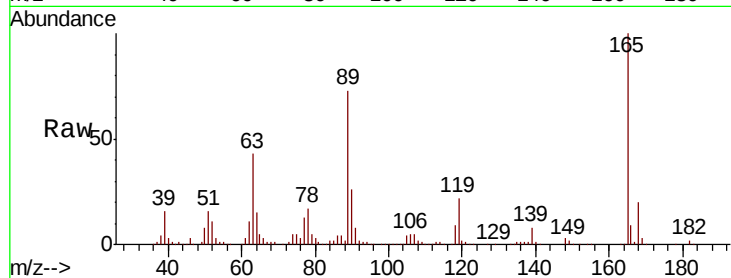




#57
2,4-Dinitrotoluene
Concen: 46.310 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	29.4	44.2
89	73.1	53.4	80.0
182	2.3	1.8	2.6



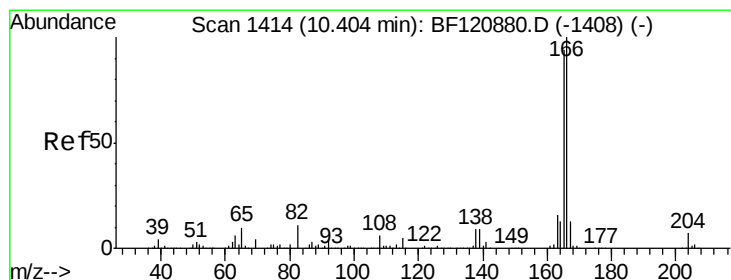
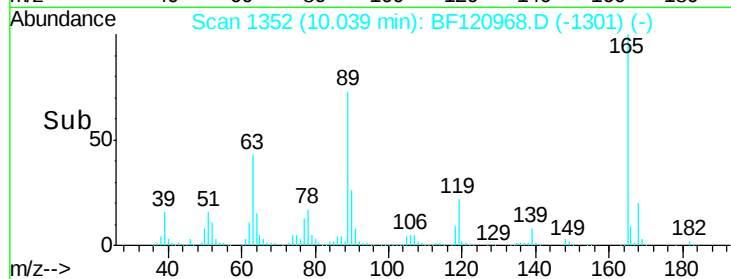
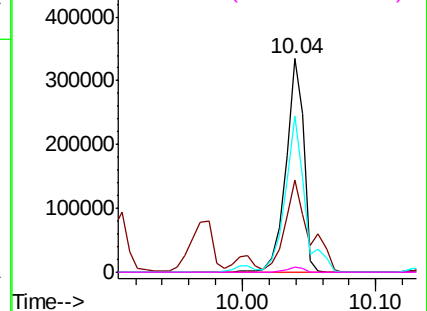
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

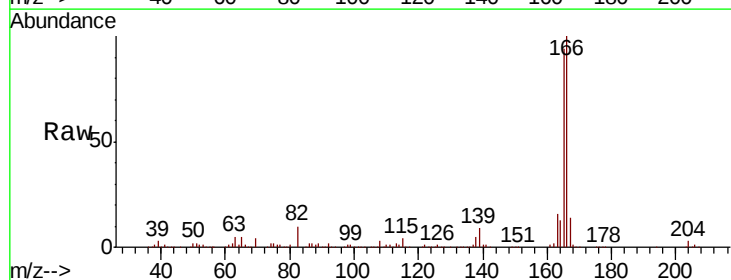
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.779 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.4	113.0
167	13.6	10.6	15.8

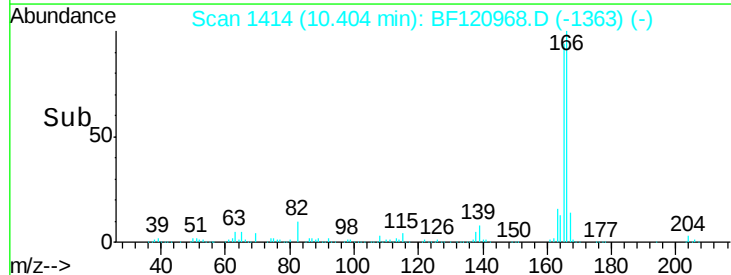
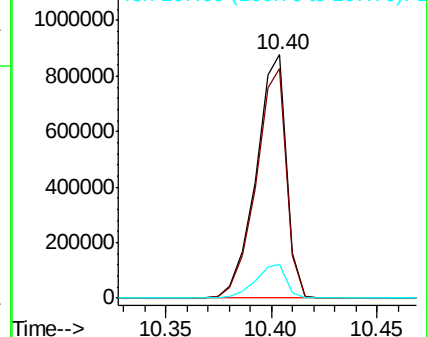


Abundance

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

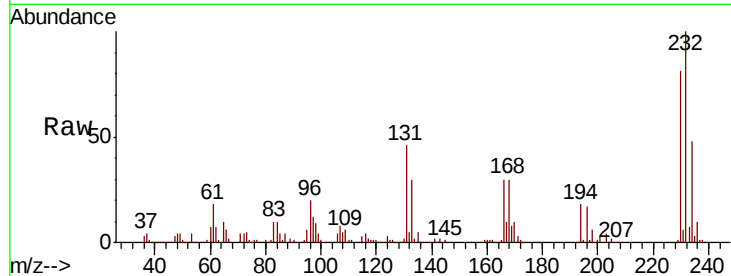




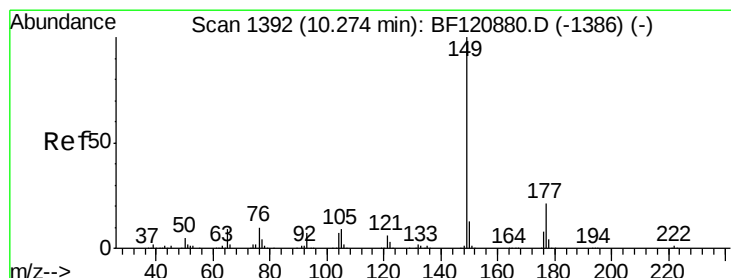
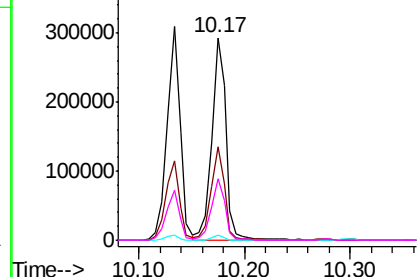
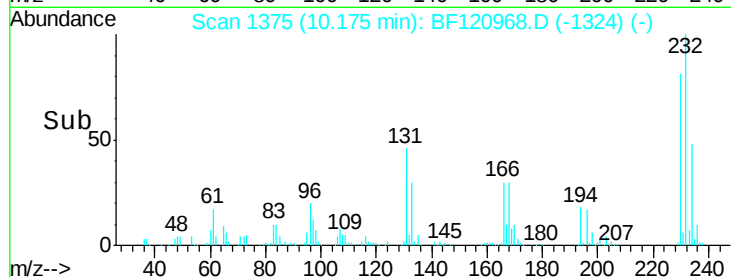
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.366 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.1	55.7
130	2.1	1.7	2.5
166	29.7	24.2	36.4

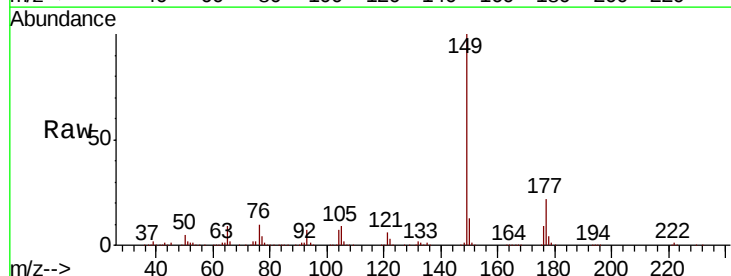


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

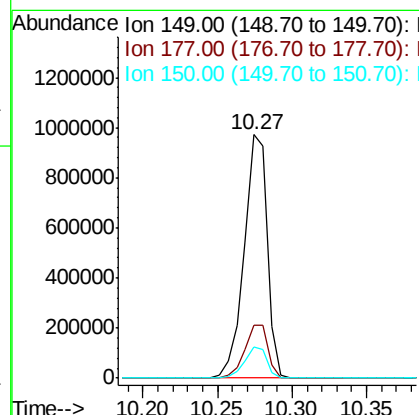
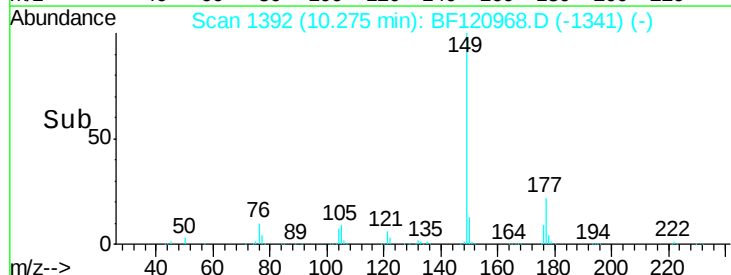


#60
Diethylphthalate
Concen: 42.973 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	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

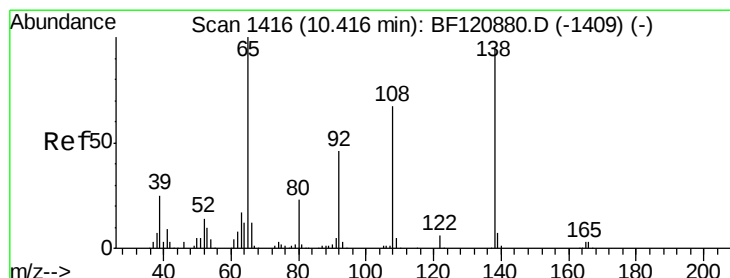
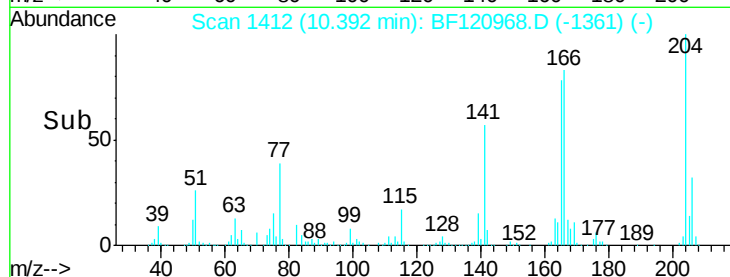
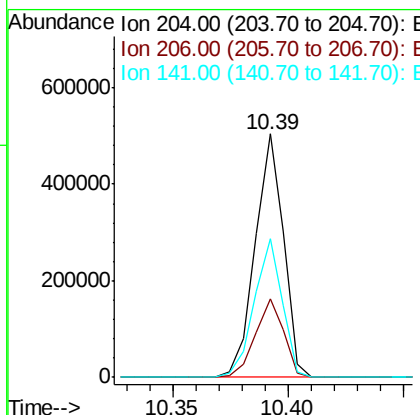
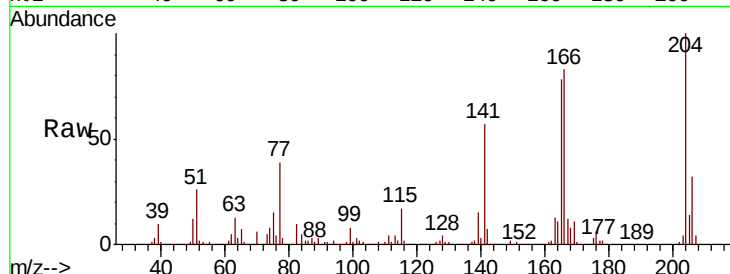




#61
4-Chlorophenyl-phenylether
Concen: 36.867 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

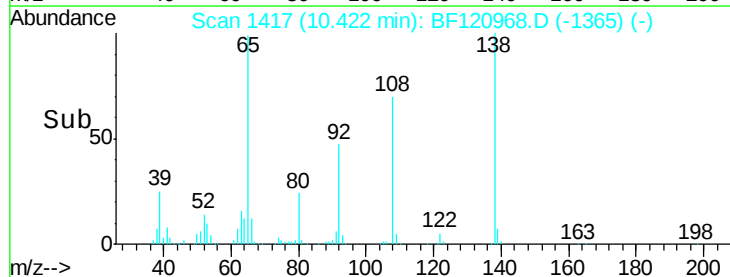
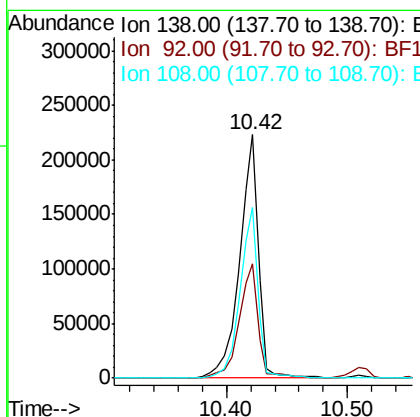
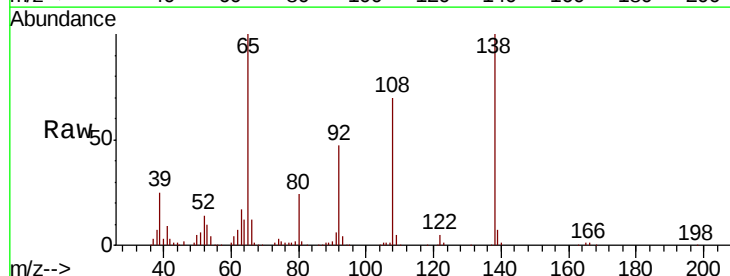
Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 433558
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 56.7 47.2 70.8



#62
4-Nitroaniline
Concen: 38.600 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:138 Resp: 243252
Ion Ratio Lower Upper
138 100
92 47.2 28.6 68.6
108 70.0 51.1 91.1





#63

Azobenzene

Concen: 41.444 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 958197

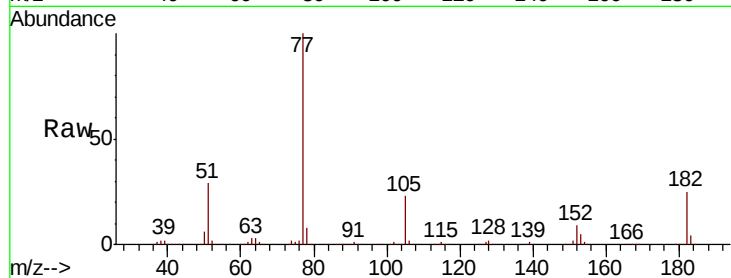
Ion Ratio Lower Upper

77 100

182 24.6 7.8 47.8

105 23.5 4.4 44.4

51 29.2 8.0 48.0

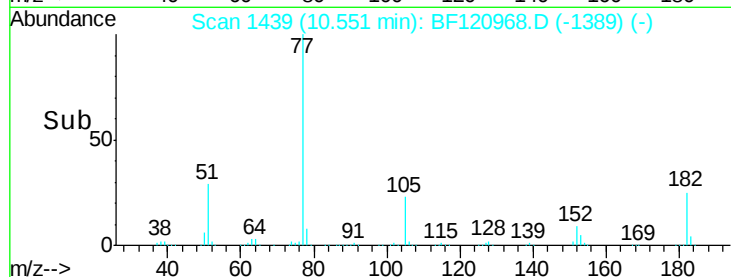


Abundance Ion 77.00 (76.70 to 77.70): BF1

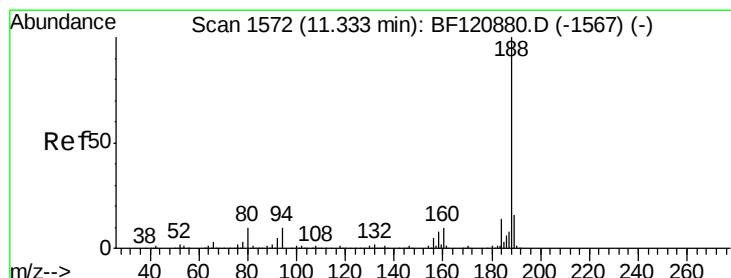
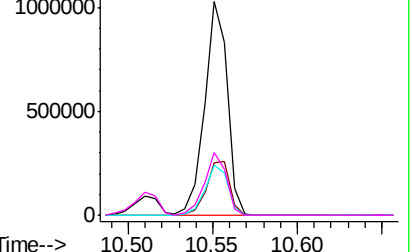
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

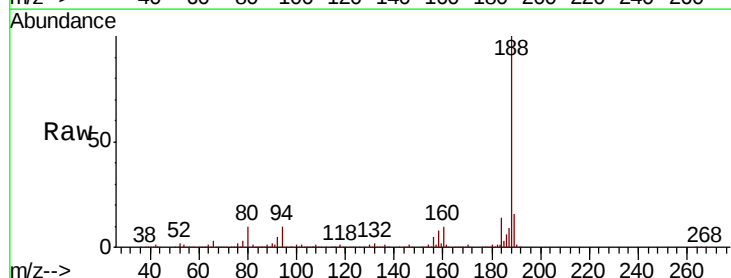
Tgt Ion: 188 Resp: 639856

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

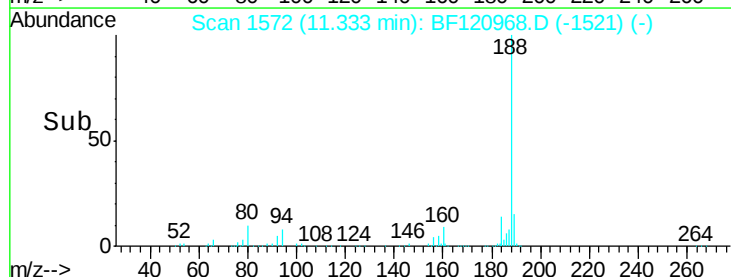
80 10.2 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

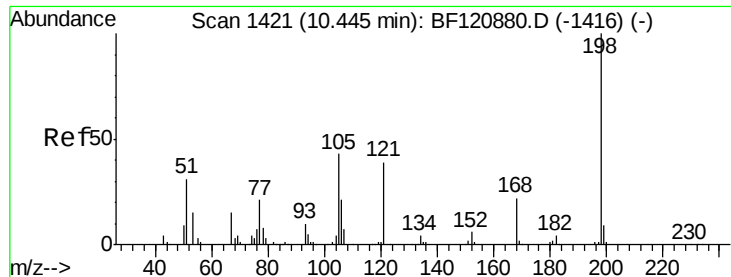
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

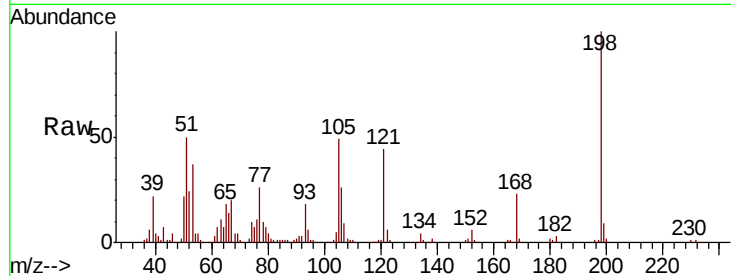




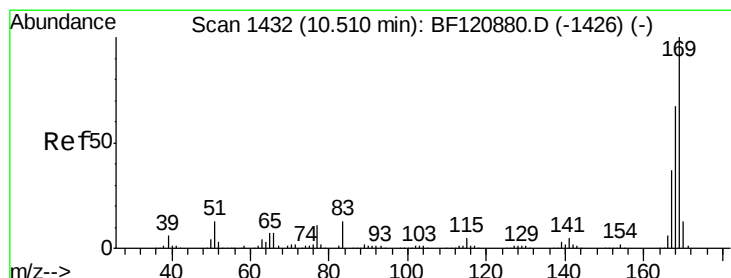
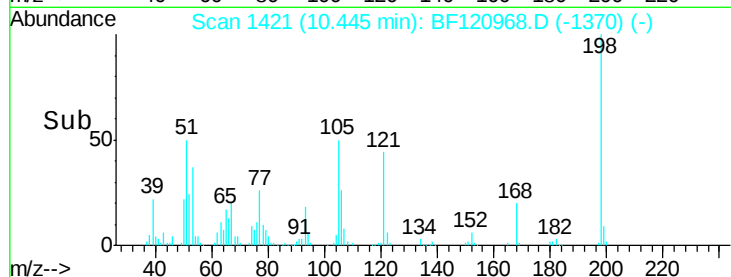
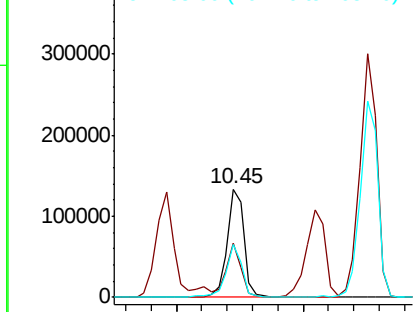
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.399 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 123004
 Ion Ratio Lower Upper
 198 100
 51 49.6 19.5 59.5
 105 49.4 24.4 64.4

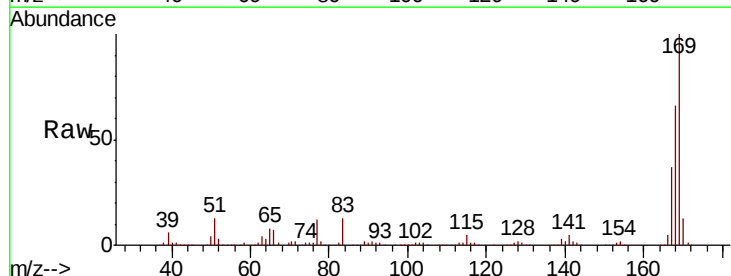


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

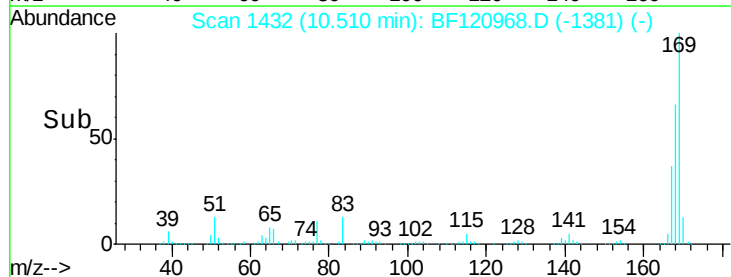
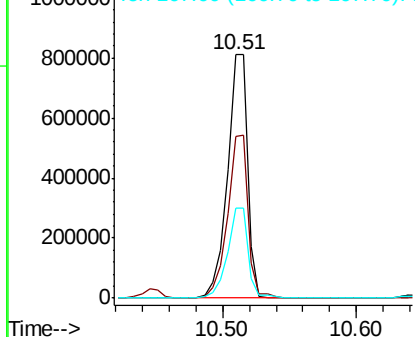


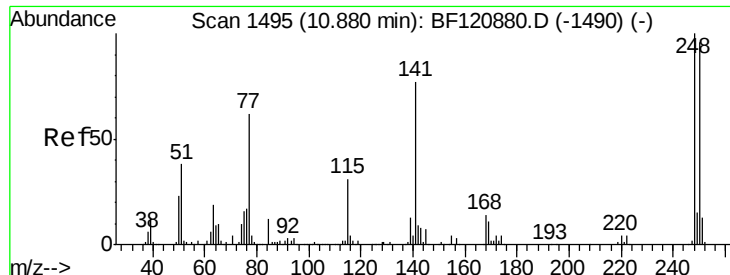
#66
 n-Nitrosodiphenylamine
 Concen: 43.046 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:169 Resp: 866449
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.4 80.0
 167 37.0 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

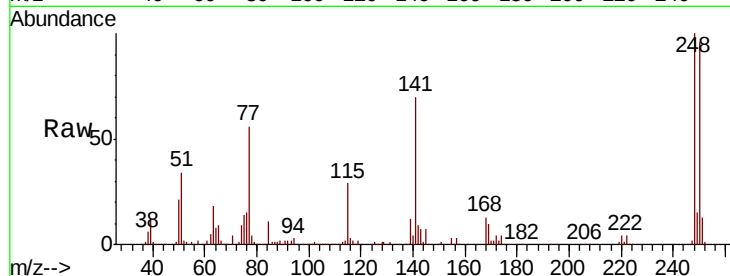




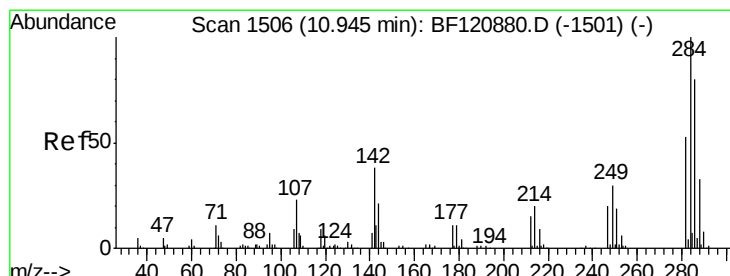
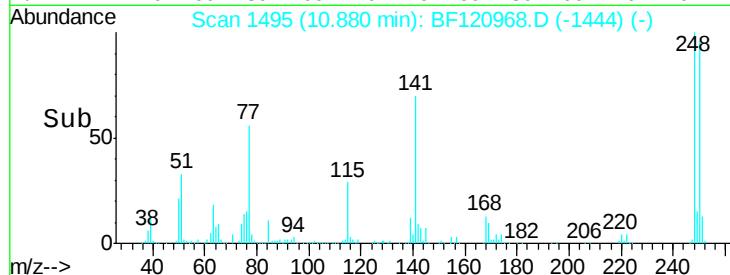
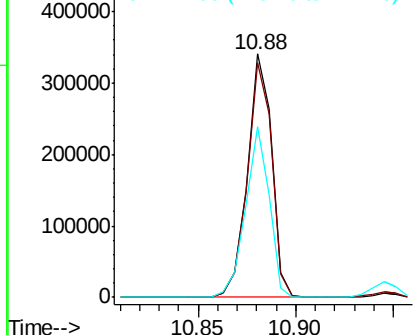
#67
 4-Bromophenyl-phenylether
 Concen: 41.353 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	70.3	61.2	91.8

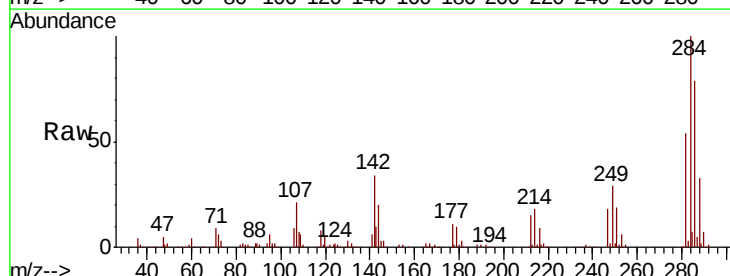


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

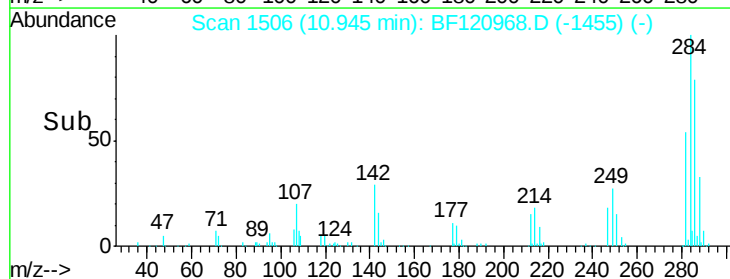
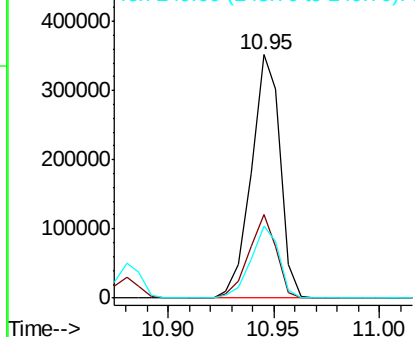


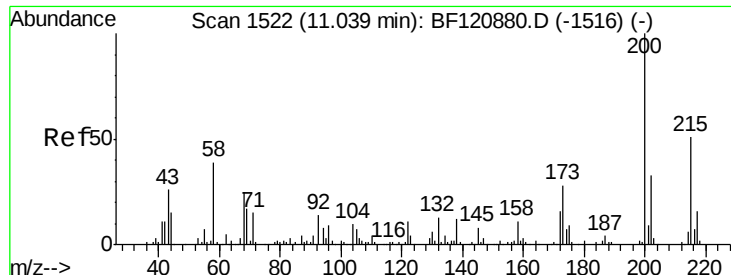
#68
 Hexachlorobenzene
 Concen: 43.241 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	30.2	45.2
249	29.4	24.2	36.2



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





#69

Atrazine

Concen: 50.617 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

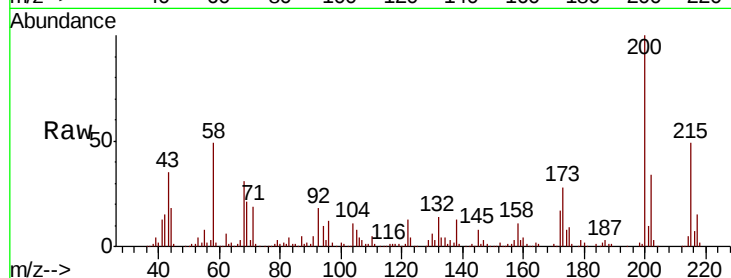
Tot Ion:200 Resp: 252326

Ion Ratio Lower Upper

200 100

173 28.2 8.0 48.0

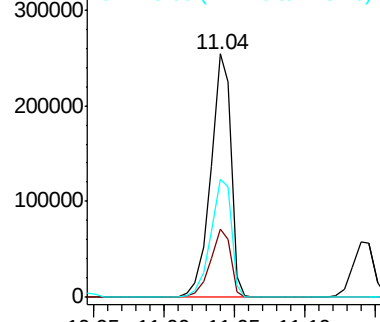
215 48.7 31.5 71.5



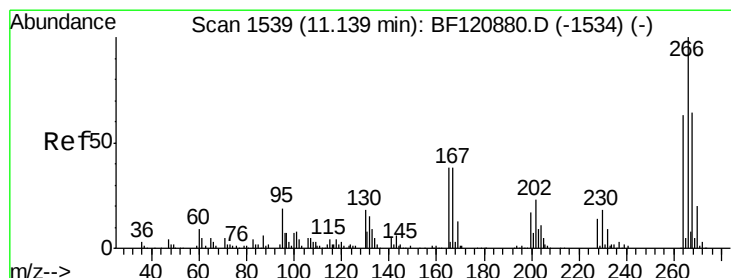
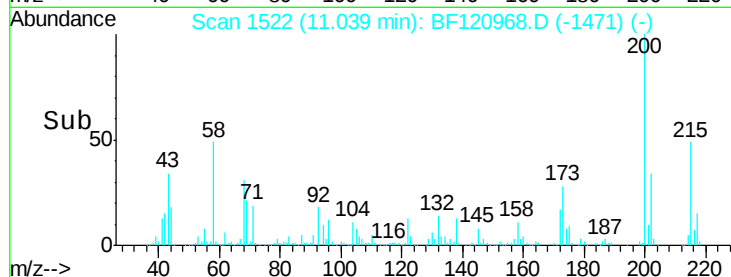
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 10.95 11.00 11.05 11.10



#70

Pentachlorophenol

Concen: 85.361 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

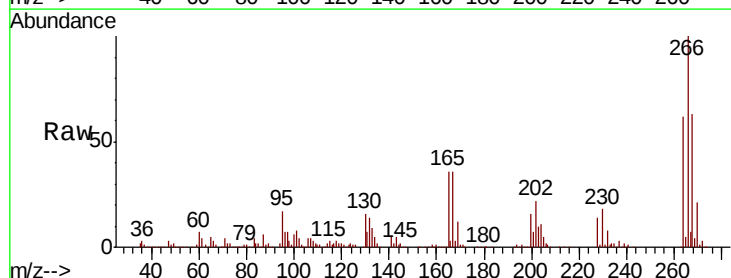
Tgt Ion:266 Resp: 377375

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

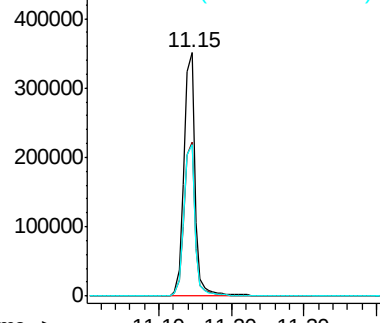
264 62.4 50.2 75.2



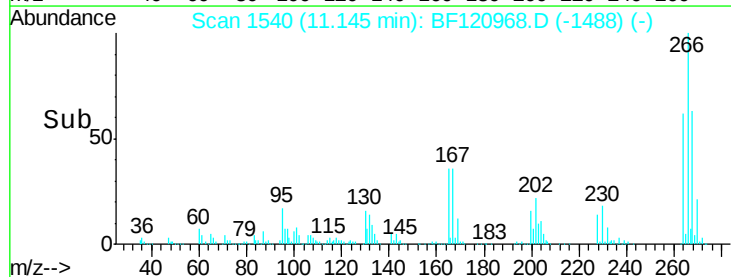
Abundance Ion 265.70 (265.40 to 266.40): E

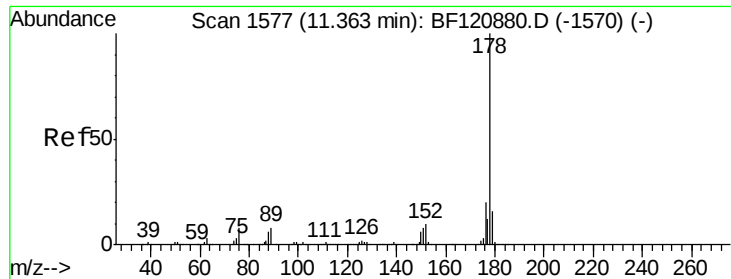
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 11.10 11.20 11.30





#71

Phenanthrene

Concen: 41.523 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

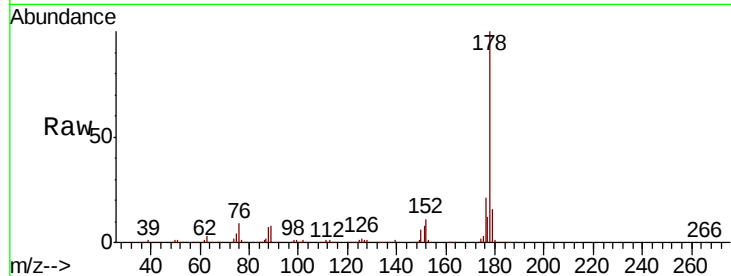
Tot Ion:178 Resp: 1366431

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

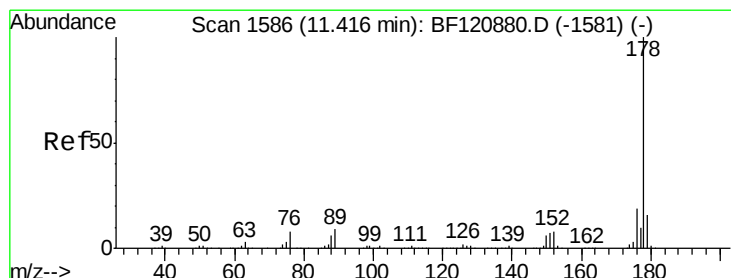
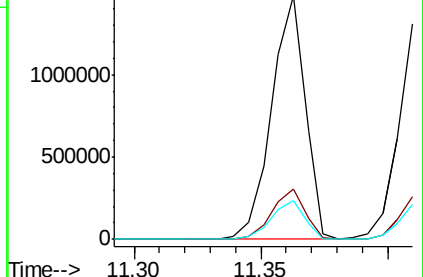
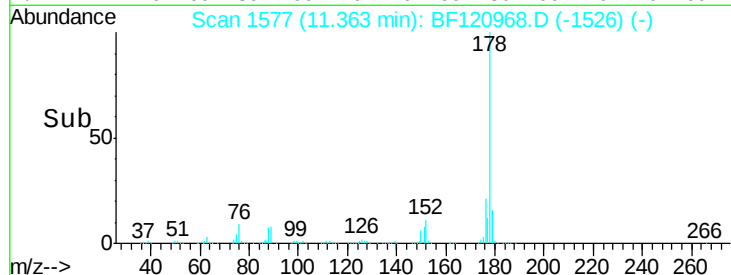
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.973 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

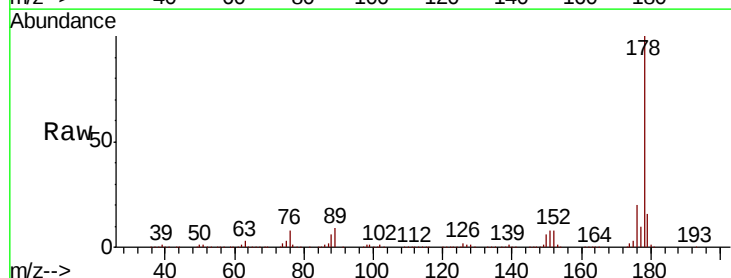
Tgt Ion:178 Resp: 1420019

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

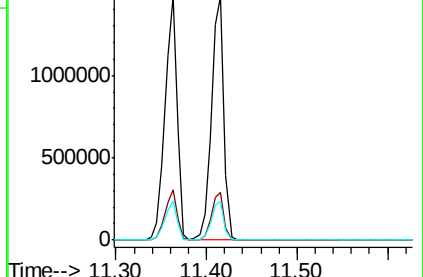
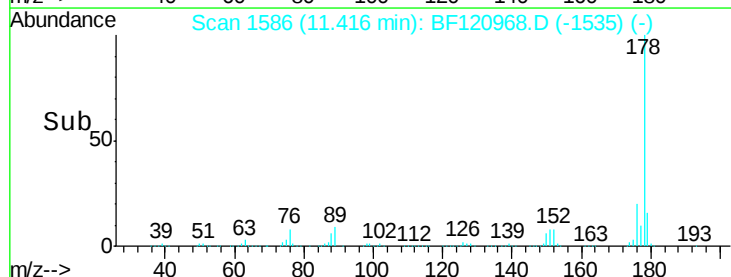
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



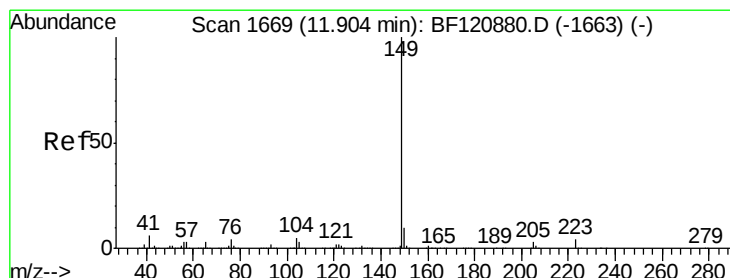
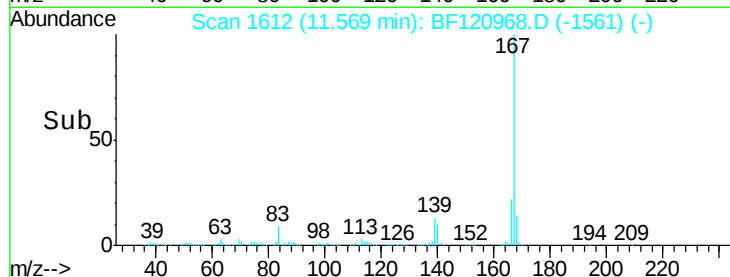
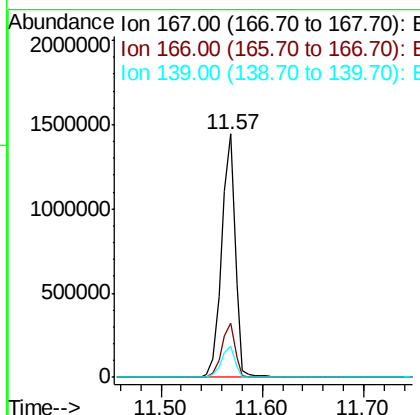
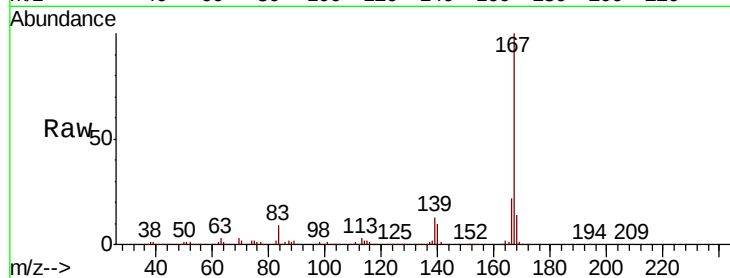


#73
 Carbazole
 Concen: 40.974 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1343676

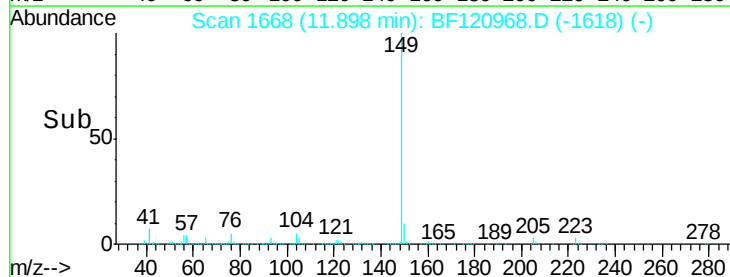
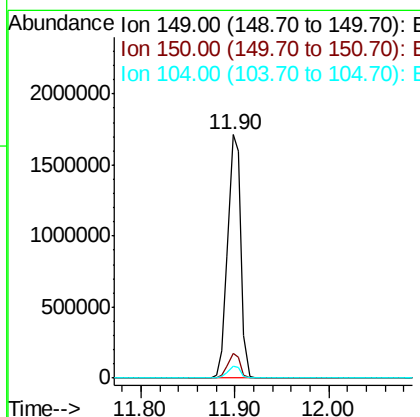
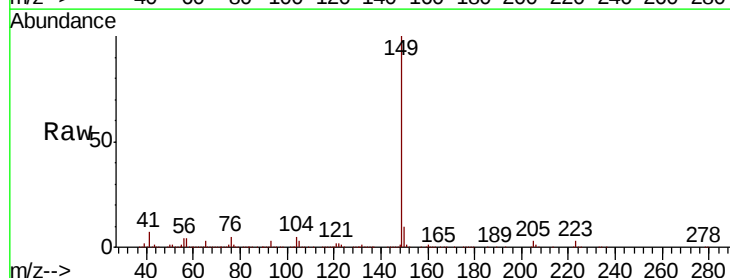
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.9	10.1	15.1

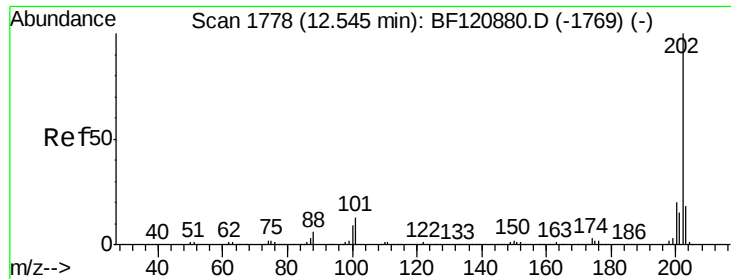


#74
 Di-n-butylphthalate
 Concen: 43.943 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:149 Resp: 1662951

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.1	3.8	5.6





#75

Fluoranthene

Concen: 42.518 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

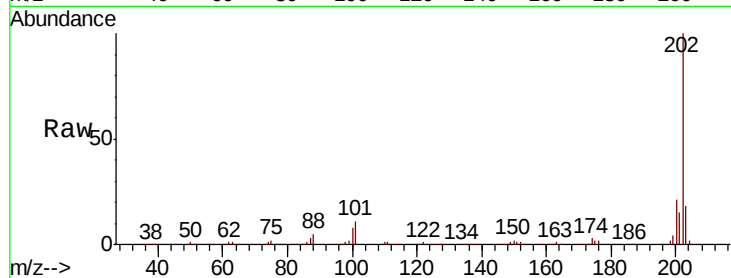
Tot Ion:202 Resp: 1550888

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.7

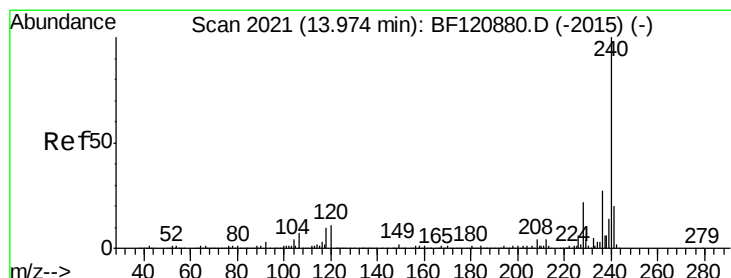
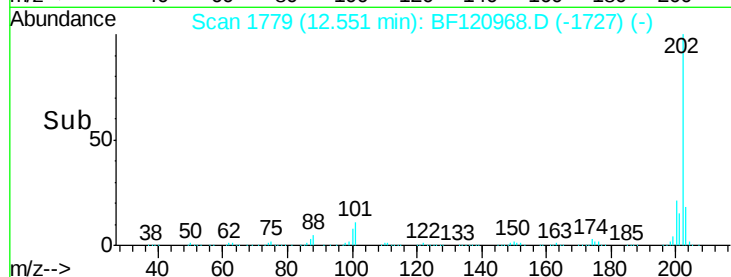
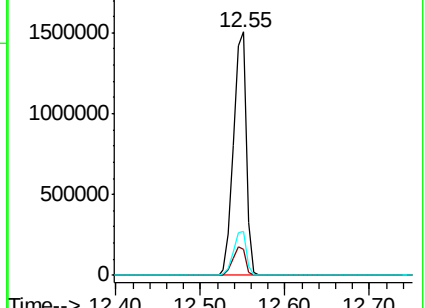
203 18.0 0.0 38.0



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: BF120968.D

Acq: 22 Jul 2020 17:04

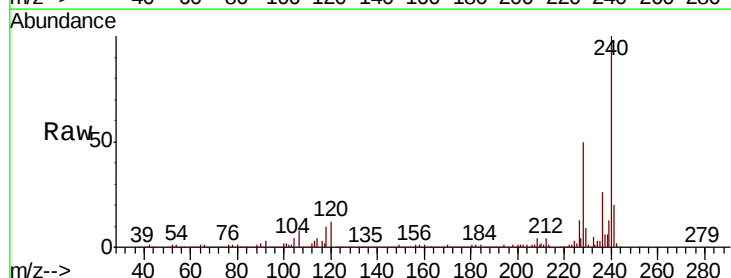
Tgt Ion:240 Resp: 492498

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

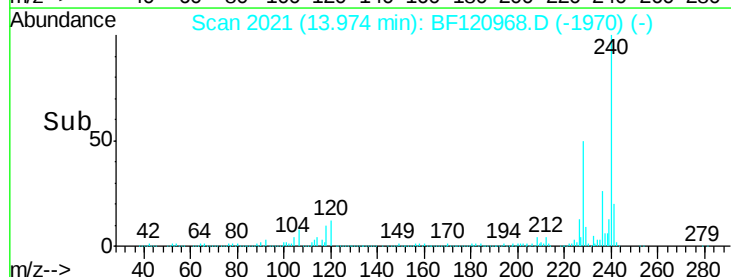
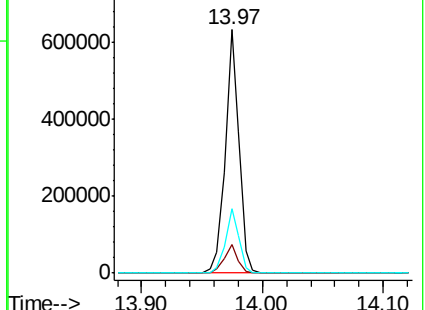
236 26.4 21.7 32.5

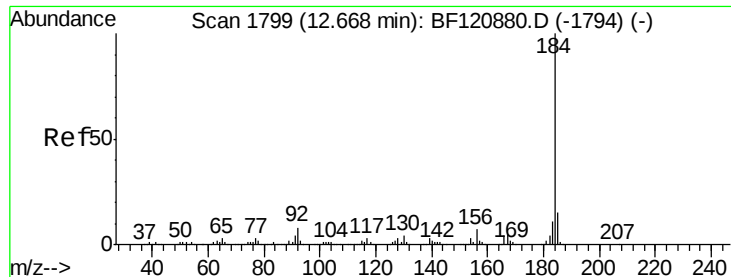


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.080 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampled :

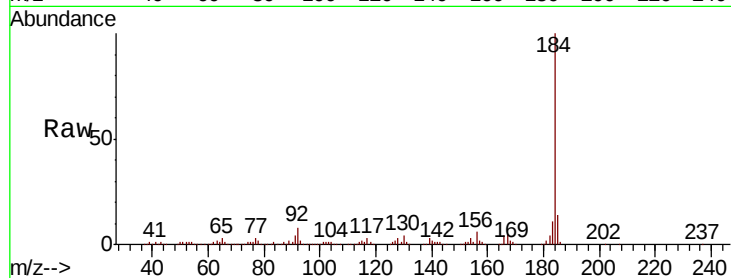
Tot Ion:184 Resp: 402448

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

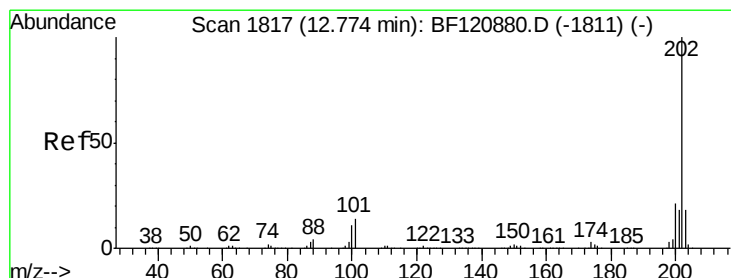
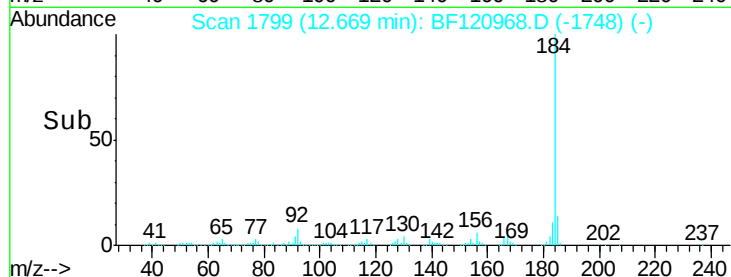
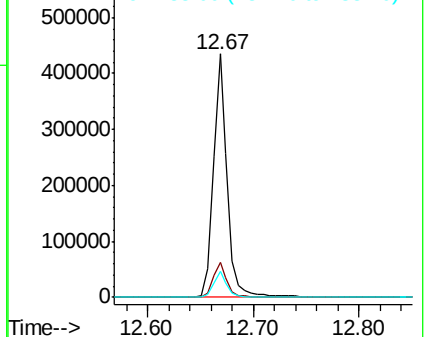
183 10.7 8.5 12.7



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: 45.682 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

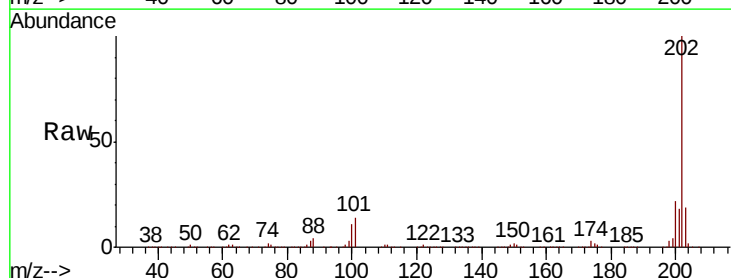
Tgt Ion:202 Resp: 1590648

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

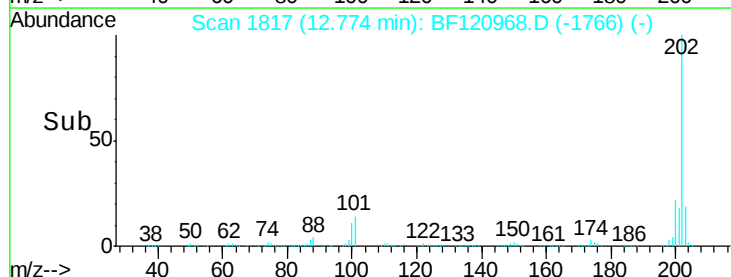
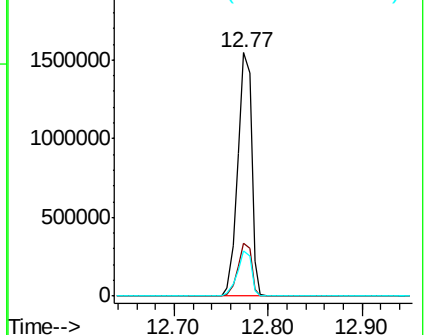
203 18.5 14.4 21.6



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

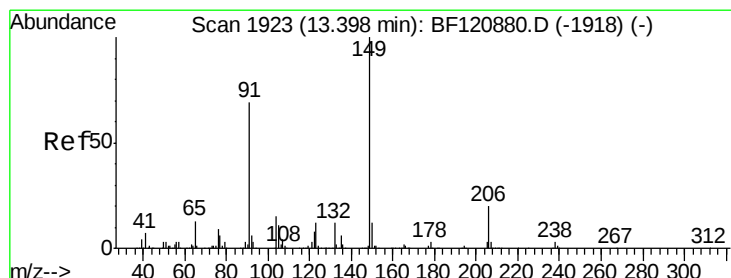
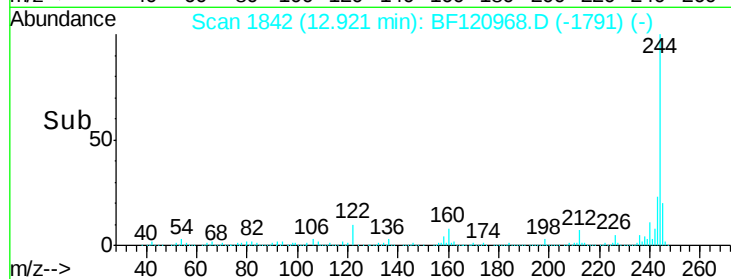
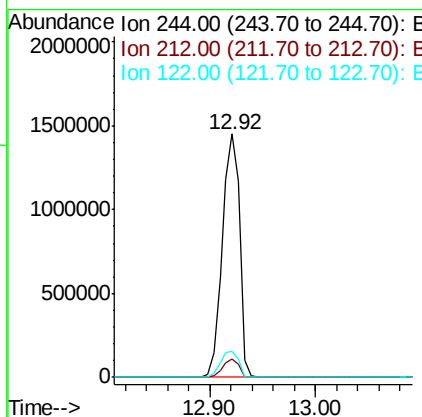
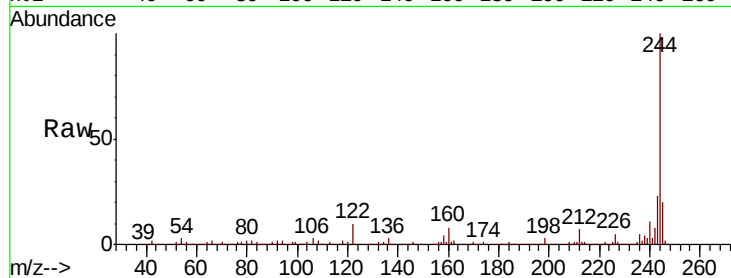




#79
 Terphenyl-d14
 Concen: 73.103 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

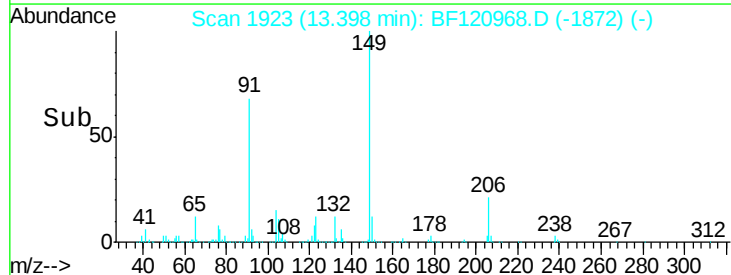
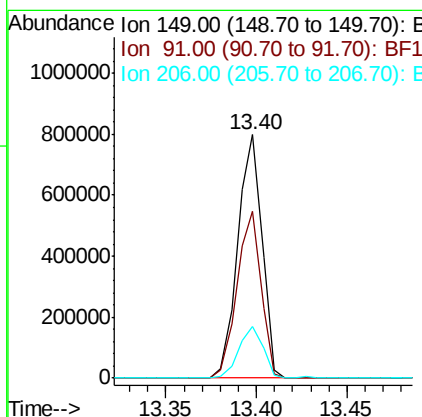
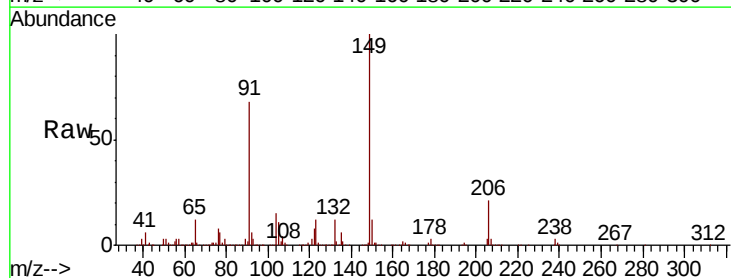
Instrument :
 BNA_F
 ClientSampleId :

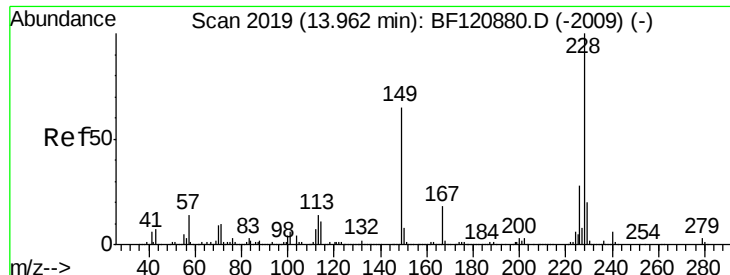
Tot Ion:244 Resp: 1656246
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 10.5 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 47.878 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:149 Resp: 743166
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.1 82.7
 206 21.0 16.1 24.1

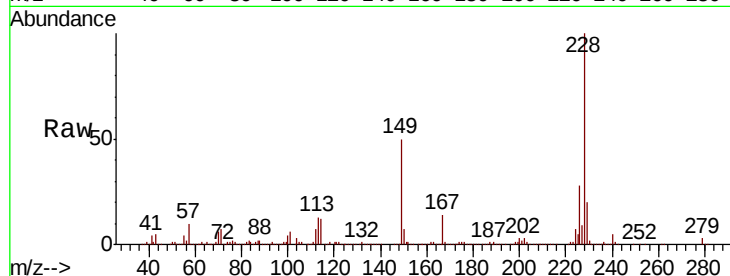




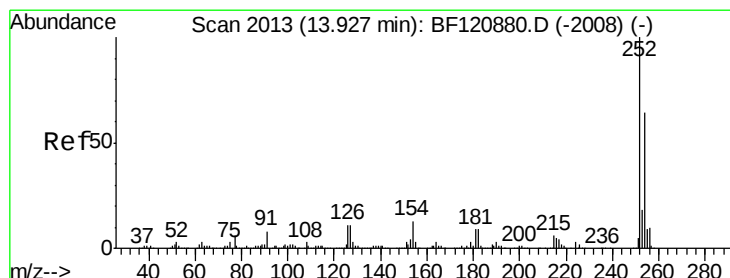
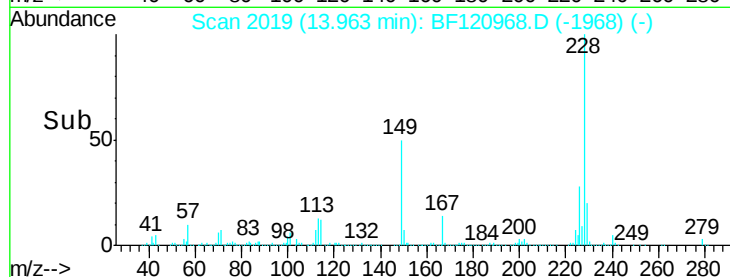
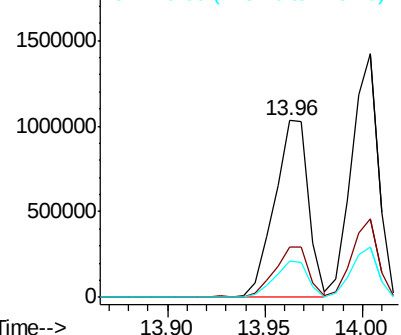
#81
Benzo(a)anthracene
Concen: 41.660 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1242439
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.2 16.1 24.1

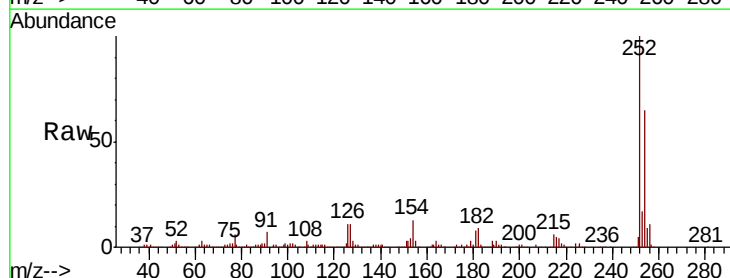


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

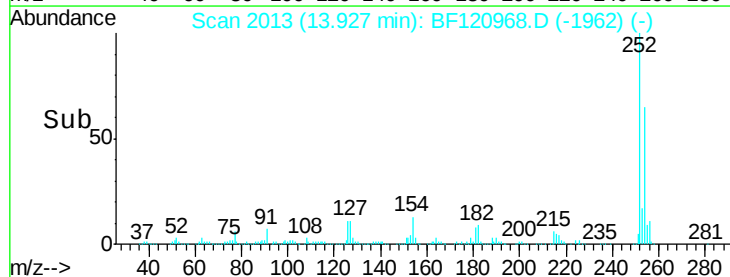
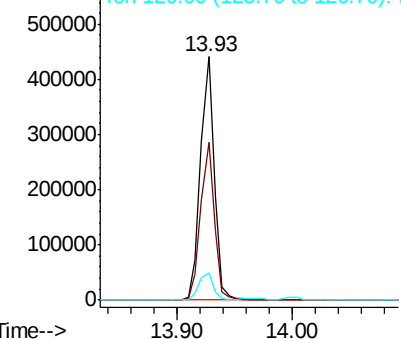


#82
3,3'-Dichlorobenzidine
Concen: 32.817 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:252 Resp: 369236
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 11.2 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

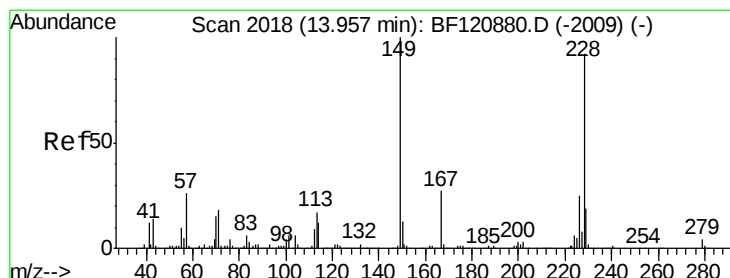
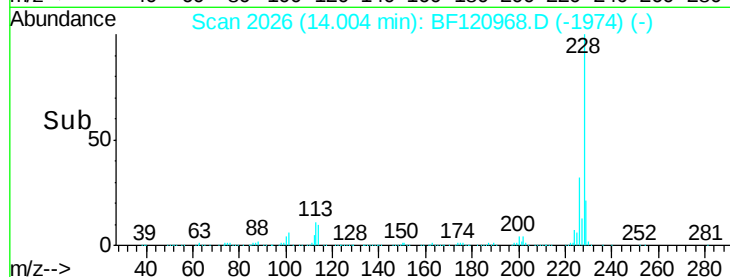
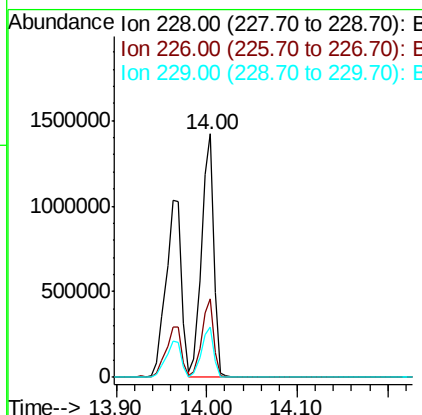
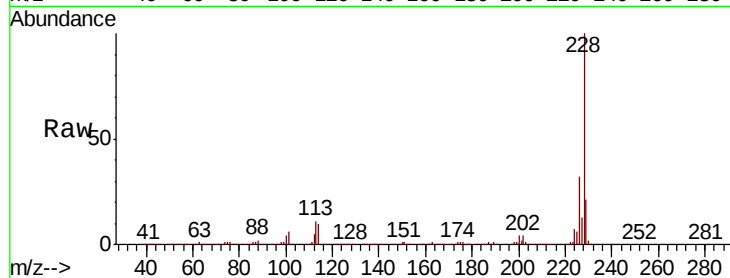




#83
 Chrysene
 Concen: 43.194 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

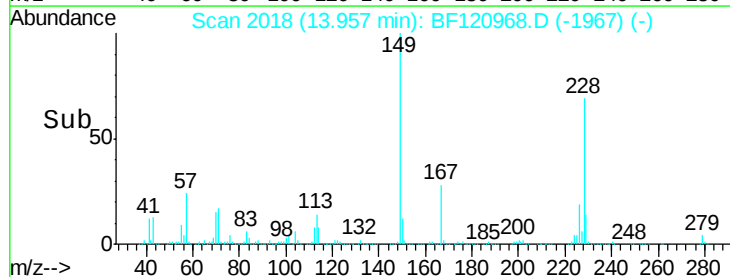
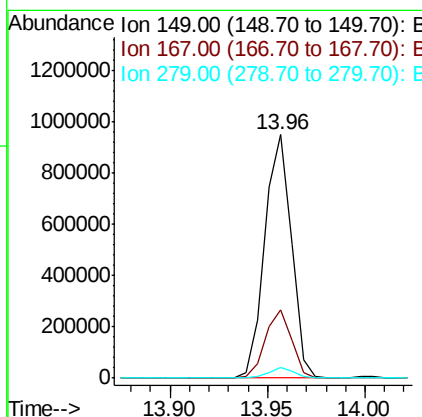
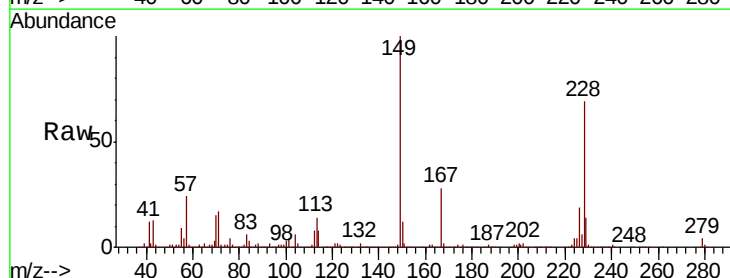
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1353742
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.6 38.4
 229 20.5 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.960 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:149 Resp: 898852
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 4.4 3.0 4.4

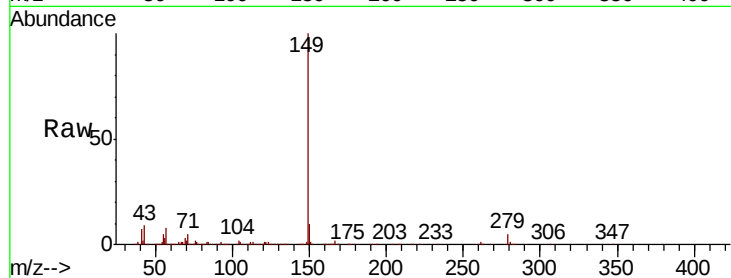




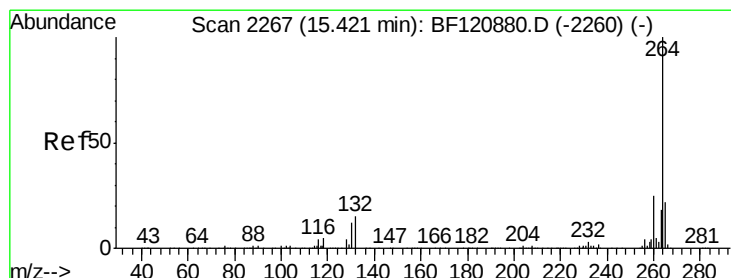
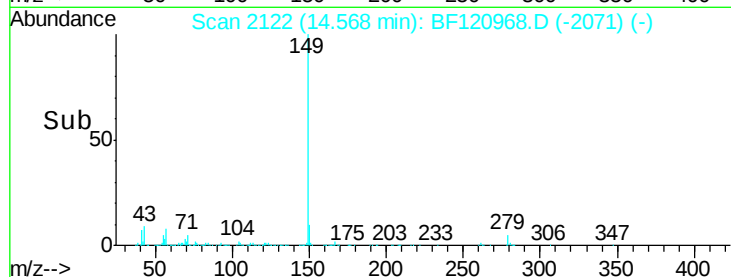
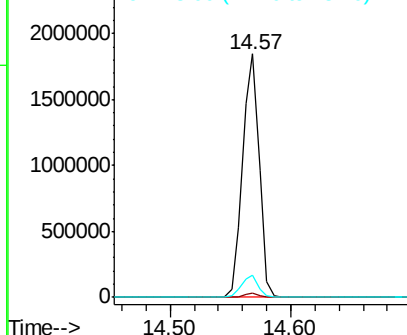
#85
Di-n-octyl phthalate
Concen: 46.687 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1777869
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.6 11.4

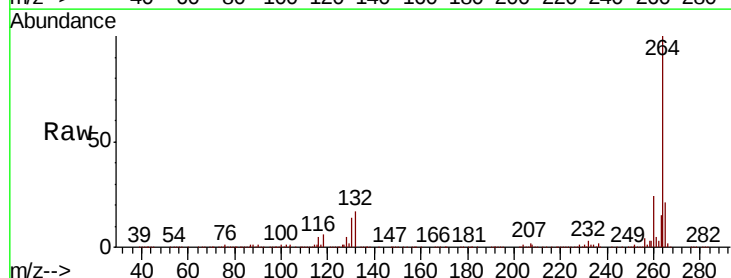


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

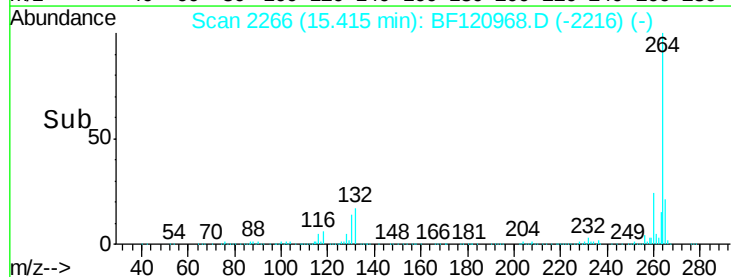
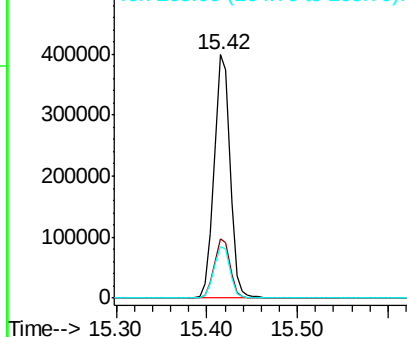


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:264 Resp: 487082
Ion Ratio Lower Upper
264 100
260 24.2 20.0 30.0
265 21.4 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

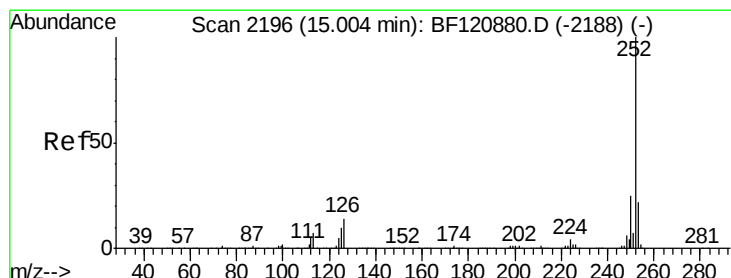
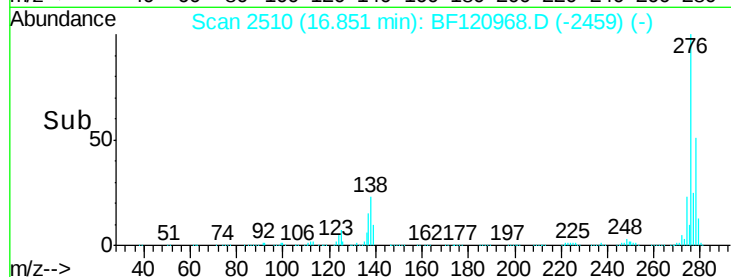
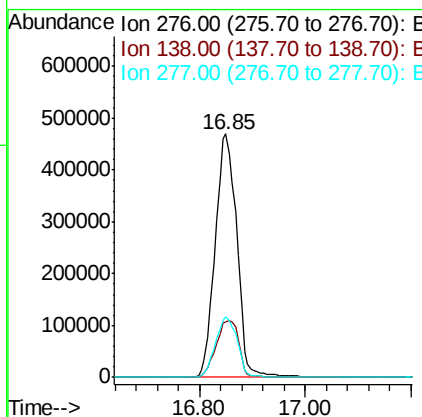
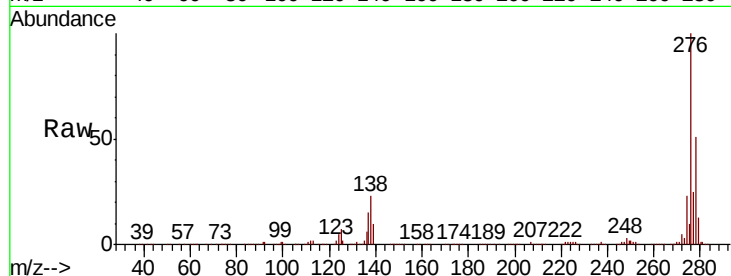




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.530 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

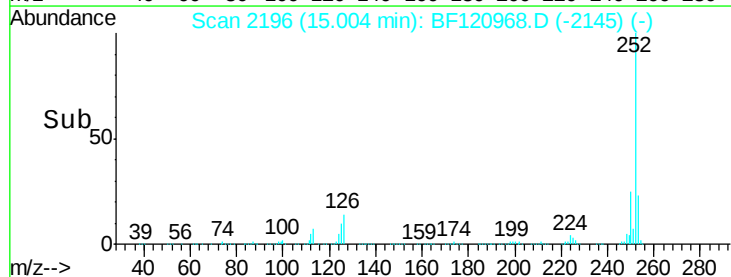
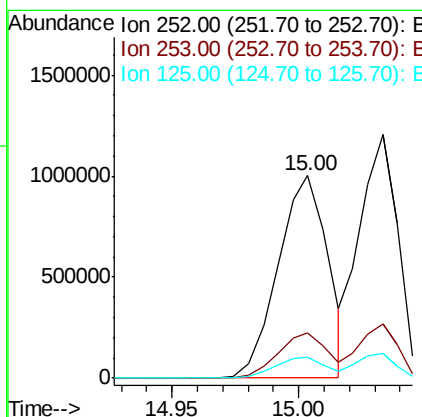
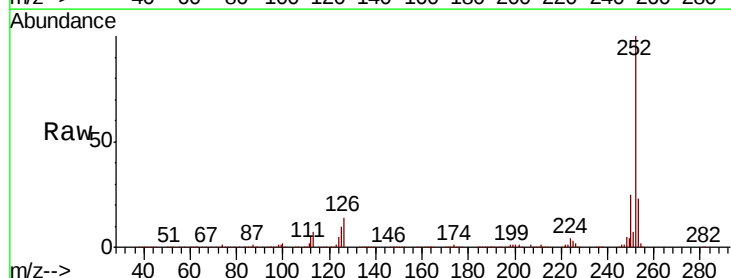
Instrument :
 BNA_F
 ClientSampleId :

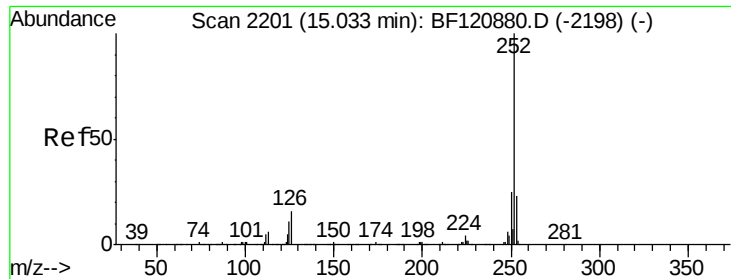
Tot Ion:276 Resp: 1339072
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.8 29.8
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.367 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:252 Resp: 1365144
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.3 8.3 12.5

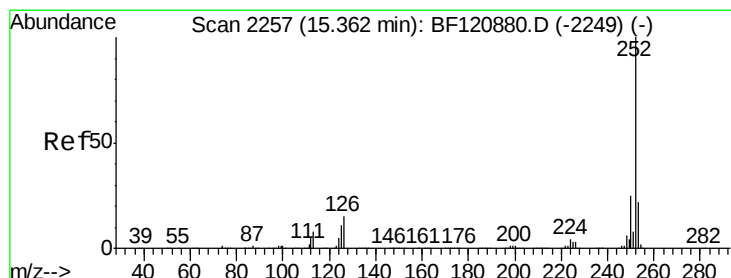
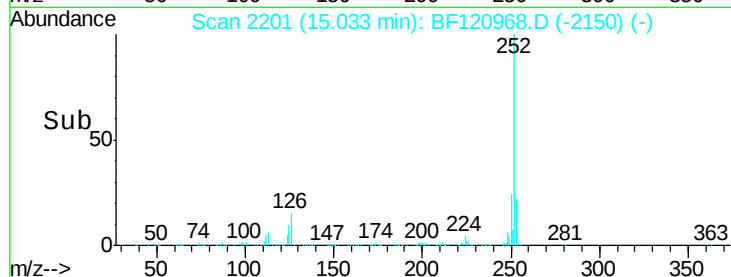
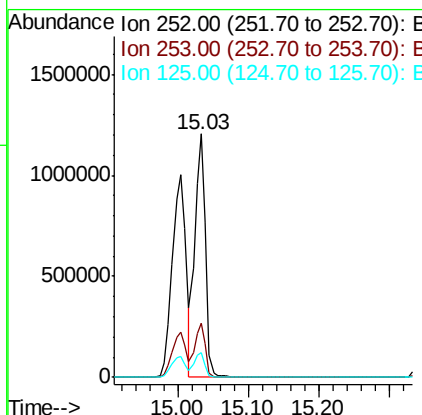
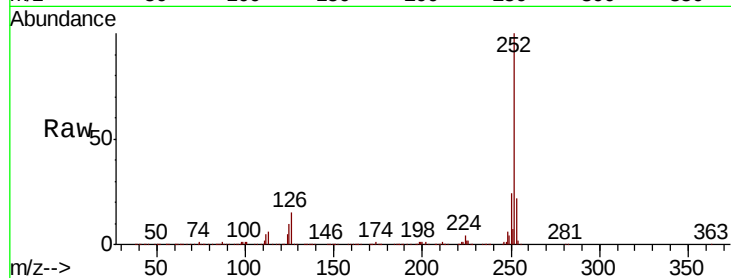




#89
Benzo(k)fluoranthene
Concen: 47.977 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

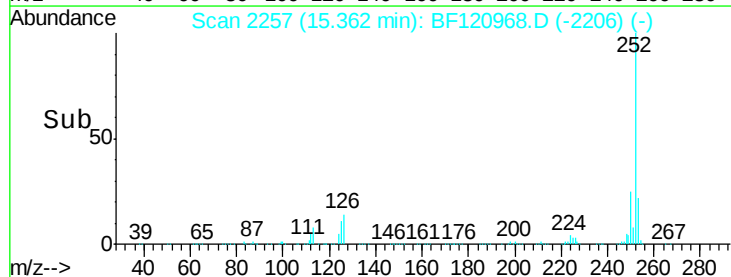
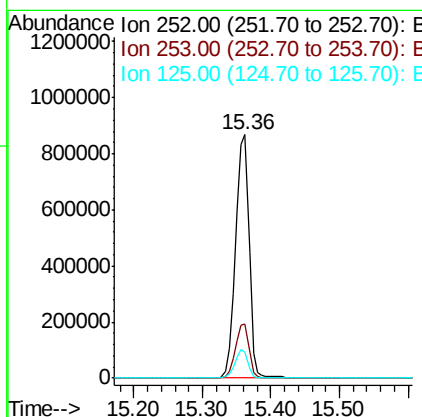
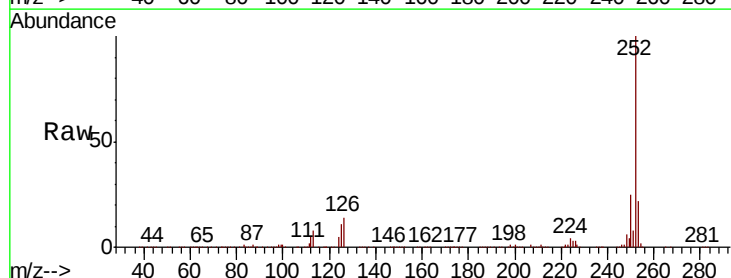
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1288239
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 44.038 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:252 Resp: 1182954
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.8 8.9 13.3

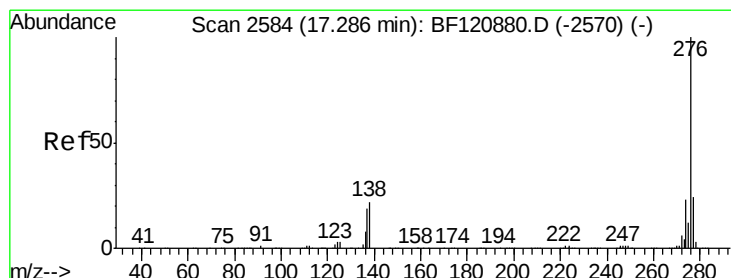
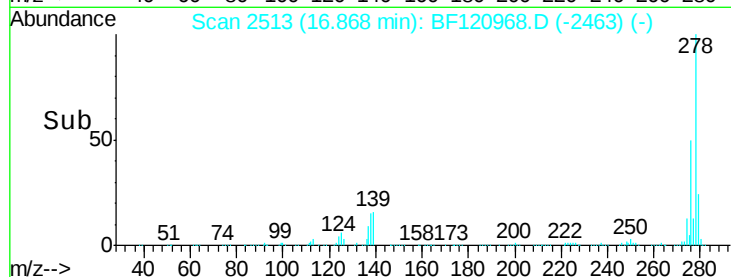
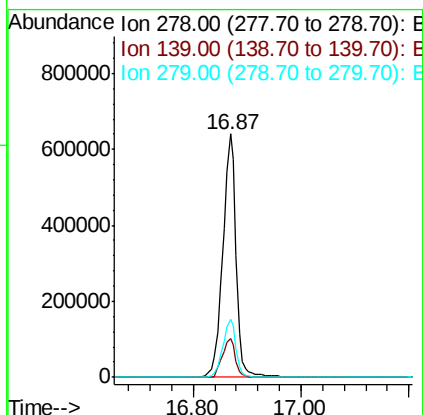
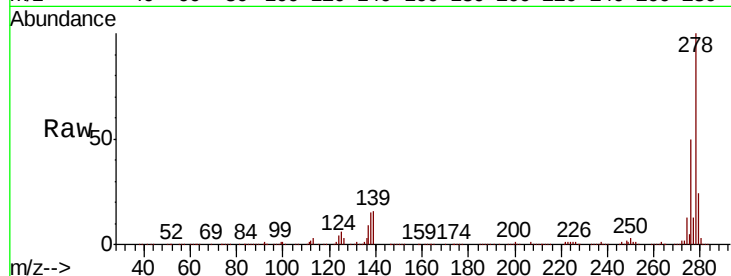




#91
Dibenzo(a,h)anthracene
Concen: 40.783 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1128497
Ion Ratio Lower Upper
278 100
139 16.1 12.3 18.5
279 24.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 40.168 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:276 Resp: 1095914
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 21.9 17.5 26.3

