

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121810.D
 Acq On : 5 Oct 2020 10:28
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 05 11:03:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131612	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	502691	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	269069	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	513745	20.00	ng	0.00
76) Chrysene-d12	13.93	240	418752	20.00	ng	0.00
86) Perylene-d12	15.36	264	402546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	702880	79.37	ng	0.00
7) Phenol-d6	6.42	99	911171	78.42	ng	0.00
23) Nitrobenzene-d5	7.33	82	789760	84.35	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	289328	86.52	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1361364	76.63	ng	0.00
79) Terphenyl-d14	12.87	244	1664370	80.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	148393	36.473	ng	99
3) Pyridine	3.16	79	429909	38.222	ng	98
4) n-Nitrosodimethylamine	3.12	42	200650	38.459	ng	99
6) Aniline	6.43	93	568460	37.567	ng	# 92
8) 2-Chlorophenol	6.56	128	365924	40.583	ng	94
9) Benzaldehyde	6.32	77	265344	34.935	ng	98
10) Phenol	6.43	94	462613	37.391	ng	86
11) bis(2-Chloroethyl)ether	6.50	93	374832	40.197	ng	100
12) 1,3-Dichlorobenzene	6.70	146	404914	40.234	ng	100
13) 1,4-Dichlorobenzene	6.79	146	403264	39.906	ng	97
14) 1,2-Dichlorobenzene	6.94	146	374230	40.200	ng	99
15) Benzyl Alcohol	6.92	79	322550	40.844	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	594642	39.628	ng	93
17) 2-Methylphenol	7.03	107	311813	40.643	ng	95
18) Hexachloroethane	7.27	117	150292	41.536	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	269074	40.184	ng	100
20) 3+4-Methylphenols	7.19	107	366804	39.793	ng	# 88
22) Acetophenone	7.18	105	505645	39.645	ng	97
24) Nitrobenzene	7.36	77	423706	41.843	ng	96
25) Isophorone	7.59	82	760979	40.377	ng	99
26) 2-Nitrophenol	7.67	139	201652	42.605	ng	95
27) 2,4-Dimethylphenol	7.71	122	334497	39.760	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	474649	40.681	ng	99
29) 2,4-Dichlorophenol	7.92	162	315298	41.148	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	323008	40.026	ng	98
31) Naphthalene	8.07	128	1061438	40.000	ng	100
32) Benzoic acid	7.86	122	173180	30.539	ng	100
33) 4-Chloroaniline	8.12	127	472897	41.111	ng	99
34) Hexachlorobutadiene	8.19	225	194830	41.131	ng	99
35) Caprolactam	8.52	113	109192	42.792	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	343363	41.598	ng	99
37) 2-Methylnaphthalene	8.76	142	695248	39.979	ng	97
38) 1-Methylnaphthalene	8.86	142	650812	40.211	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	340977	40.569	ng	99

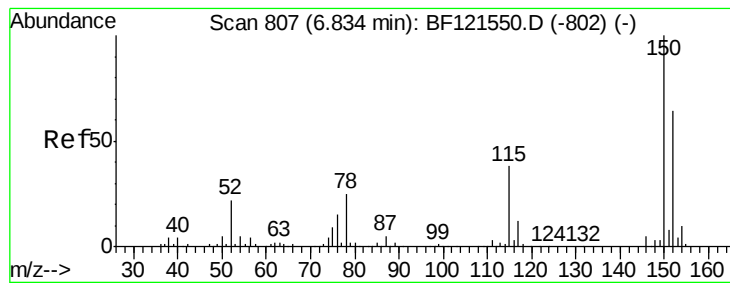
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	133864	27.890	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	221689	38.697	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	236831	39.105	nq	99
46) 1,1'-Biphenyl	9.23	154	844869	39.222	nq	99
47) 2-Chloronaphthalene	9.25	162	666429	39.260	nq	100
48) 2-Nitroaniline	9.35	65	234491	44.454	nq	99
49) Acenaphthylene	9.67	152	1028017	39.416	nq	100
50) Dimethylphthalate	9.53	163	819608	42.027	nq	100
51) 2,6-Dinitrotoluene	9.60	165	181491	43.699	nq	91
52) Acenaphthene	9.84	154	605869	36.779	nq	98
53) 3-Nitroaniline	9.77	138	204528	42.510	nq	94
54) 2,4-Dinitrophenol	9.88	184	83746	40.054	nq	94
55) Dibenzofuran	10.01	168	889757	38.354	nq	98
56) 4-Nitrophenol	9.94	139	129431	33.733	nq	89
57) 2,4-Dinitrotoluene	10.00	165	229475	43.919	nq	95
58) Fluorene	10.36	166	723994	40.810	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	199024	40.422	nq	97
60) Diethylphthalate	10.23	149	800542	42.103	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	355001	41.773	nq	100
62) 4-Nitroaniline	10.38	138	207145	43.362	nq	96
63) Azobenzene	10.50	77	826604	40.824	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	134112	43.320	nq	97
66) n-Nitrosodiphenylamine	10.47	169	689974	39.147	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	238006	40.690	nq	99
68) Hexachlorobenzene	10.90	284	265808	40.268	nq	96
69) Atrazine	10.99	200	182753	41.735	nq	99
70) Pentachlorophenol	11.10	266	138929	38.323	nq	100
71) Phenanthrene	11.32	178	1091427	38.992	nq	100
72) Anthracene	11.37	178	1133209	39.231	nq	99
73) Carbazole	11.52	167	1025306	39.334	nq	100
74) Di-n-butylphthalate	11.85	149	1264532	42.032	nq	99
75) Fluoranthene	12.50	202	1202375	40.240	nq	98
77) Benzidine	12.63	184	798154	57.494	nq	100
78) Pyrene	12.73	202	1226019	40.072	nq	99
80) Butylbenzylphthalate	13.34	149	549020	44.370	nq	99
81) Benzo(a)anthracene	13.92	228	1100034	41.523	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	438791	42.425	nq	99
83) Chrysene	13.96	228	1060737	39.540	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	746603	45.166	nq	99
85) Di-n-octyl phthalate	14.52	149	1281161	43.916	nq	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	1006365	38.389	nq	99
88) Benzo(b)fluoranthene	14.96	252	1122855	41.725	nq	99
89) Benzo(k)fluoranthene	14.99	252	981380	39.824	nq	100
90) Benzo(a)pyrene	15.31	252	936113	40.923	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	835594	38.291	nq	98
92) Benzo(g,h,i)perylene	17.22	276	804406	37.500	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

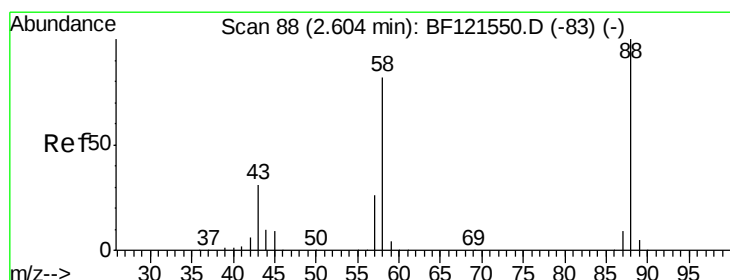
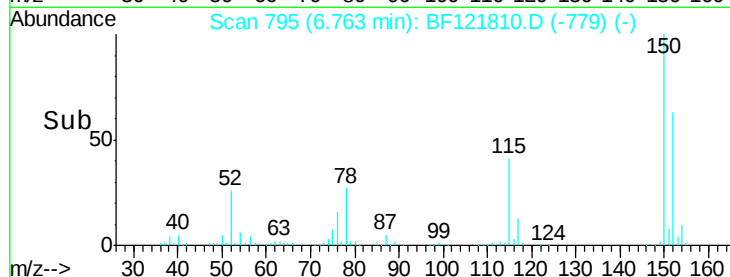
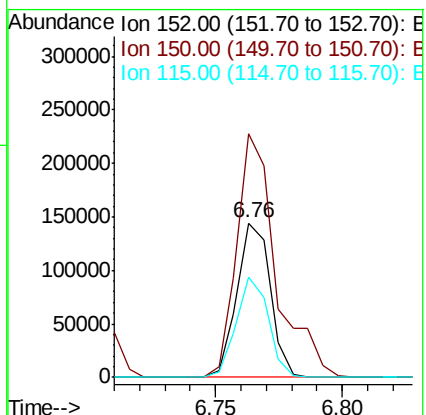
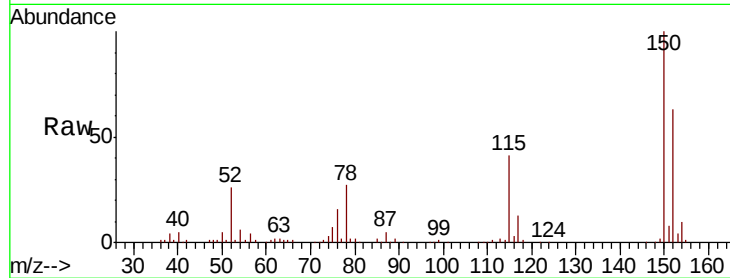
Tot Ion:152 Resp: 131612

Ion Ratio Lower Upper

152 100

150 157.8 125.3 187.9

115 65.4 51.9 77.9



#2

1,4-Dioxane

Concen: 36.473 ng

RT: 2.43 min Scan# 59

Delta R.T. -0.04 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

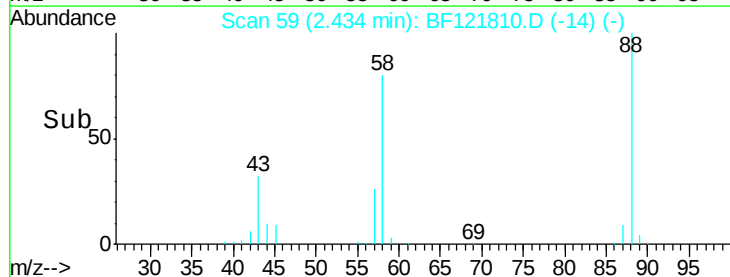
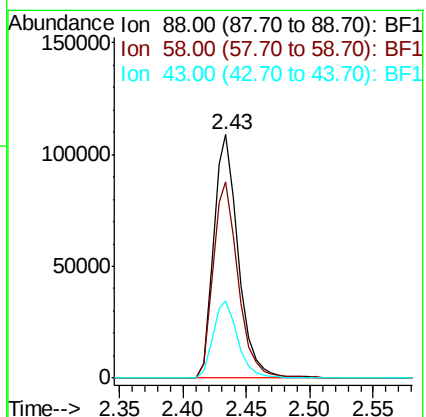
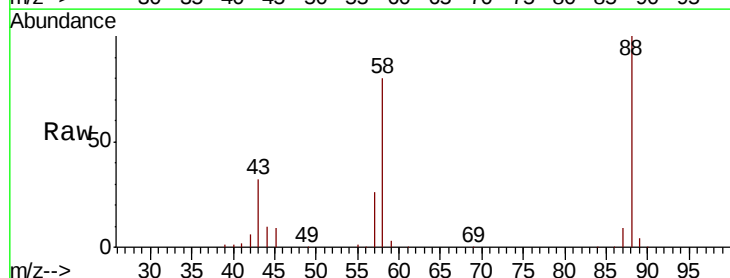
Tgt Ion: 88 Resp: 148393

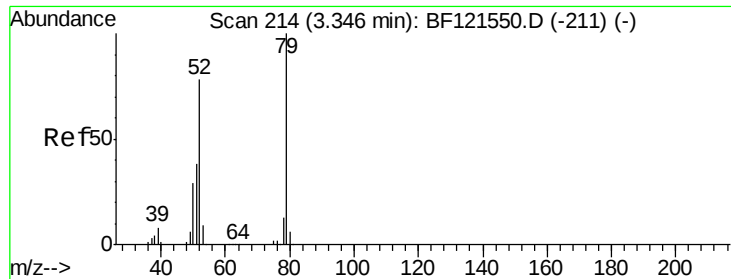
Ion Ratio Lower Upper

88 100

58 81.4 65.8 98.8

43 31.9 25.8 38.8

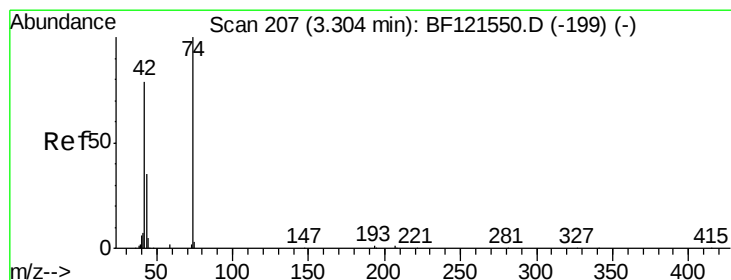
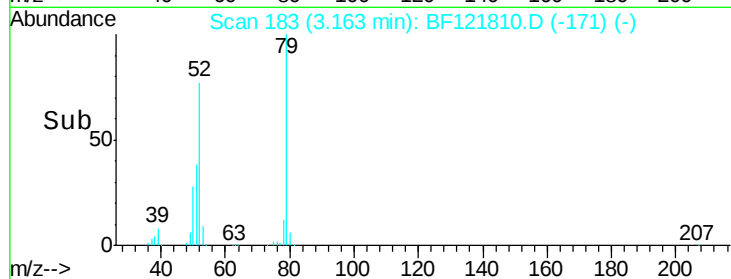
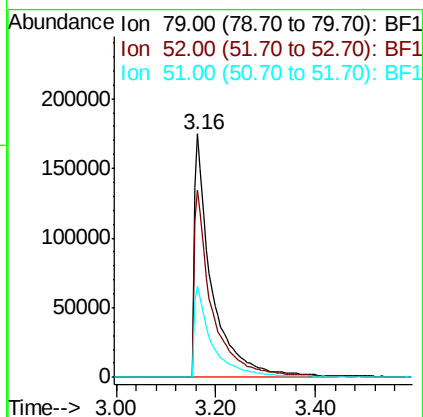
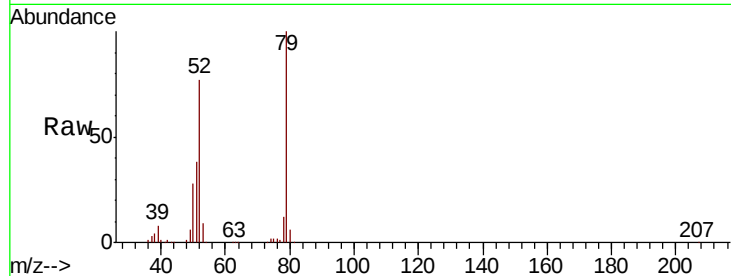




#3
 Pvridine
 Concen: 38.222 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.03 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

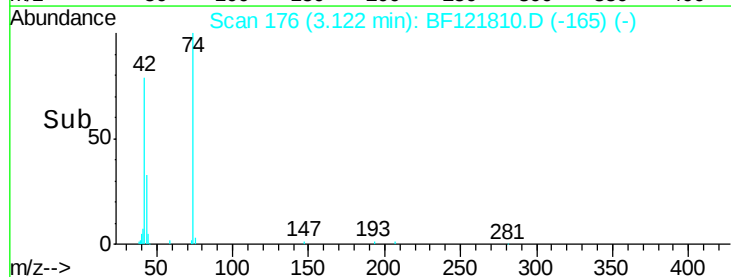
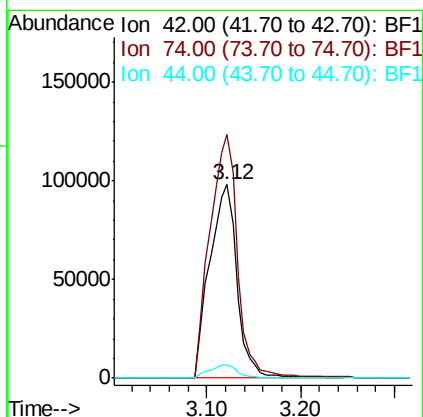
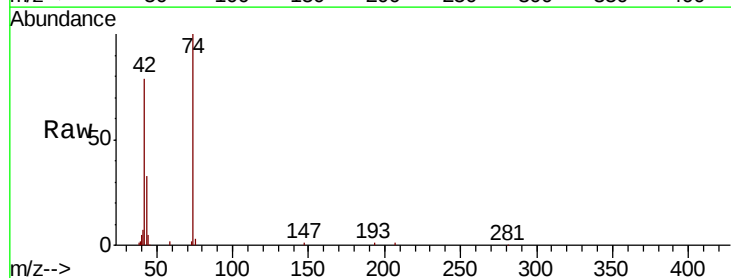
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

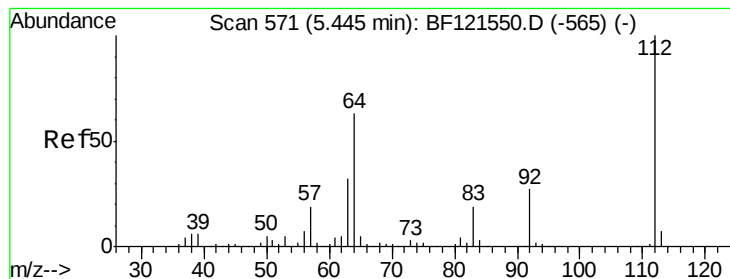
Tot Ion: 79 Resp: 429909
 Ion Ratio Lower Upper
 79 100
 52 76.7 62.2 93.4
 51 37.7 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 38.459 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.04 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion: 42 Resp: 200650
 Ion Ratio Lower Upper
 42 100
 74 126.0 100.2 150.2
 44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 79.367 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

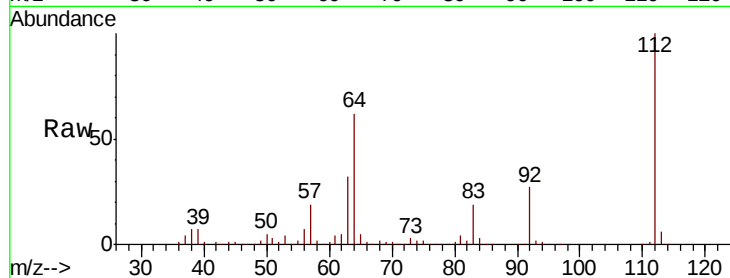
Tot Ion: 112 Resp: 702880

Ion Ratio Lower Upper

112 100

64 62.5 50.4 75.6

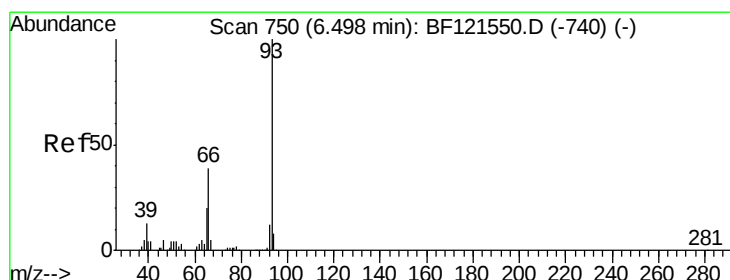
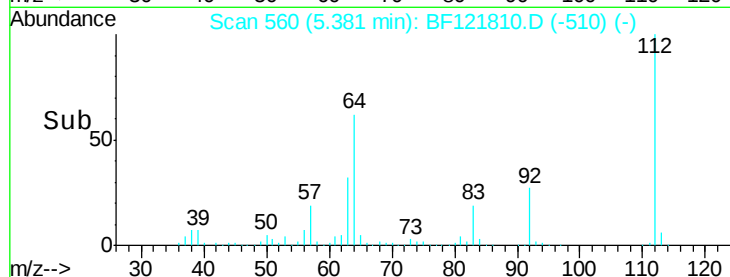
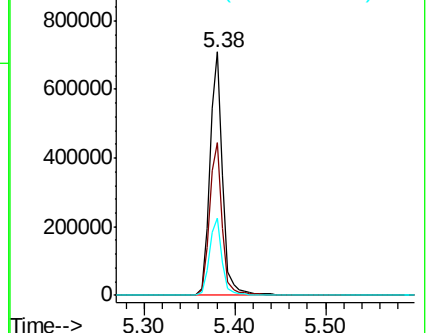
63 31.5 25.8 38.6



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: 37.567 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

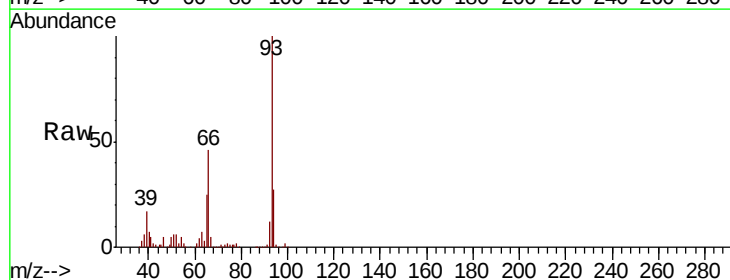
Tgt Ion: 93 Resp: 568460

Ion Ratio Lower Upper

93 100

66 45.7 32.7 49.1

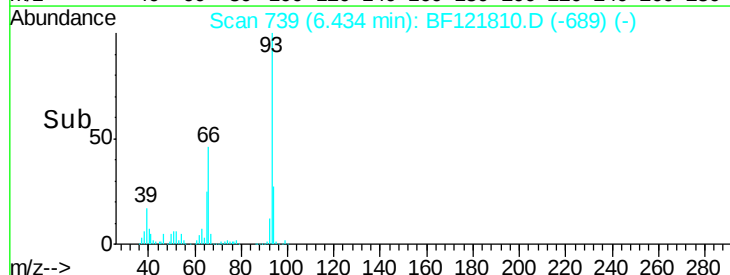
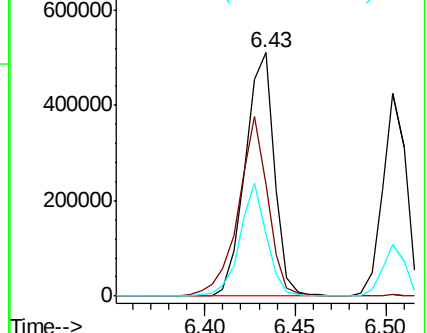
65 25.2 16.6 24.8#



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: 78.423 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

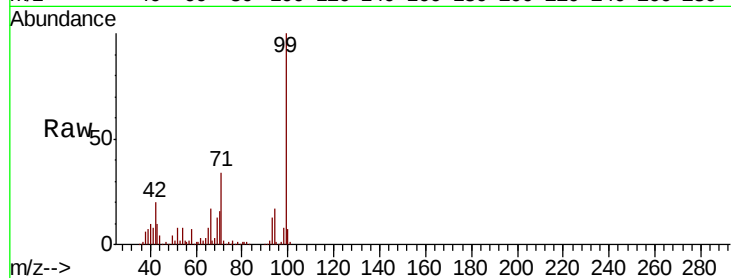
Tot Ion: 99 Resp: 911171

Ion Ratio Lower Upper

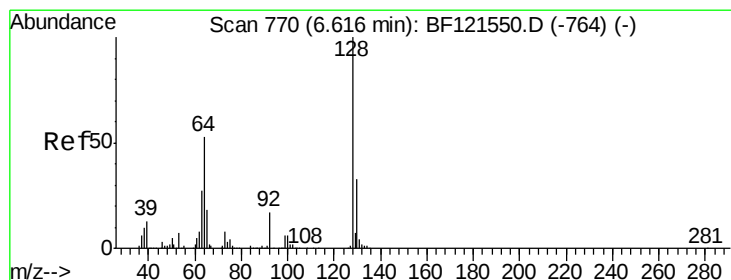
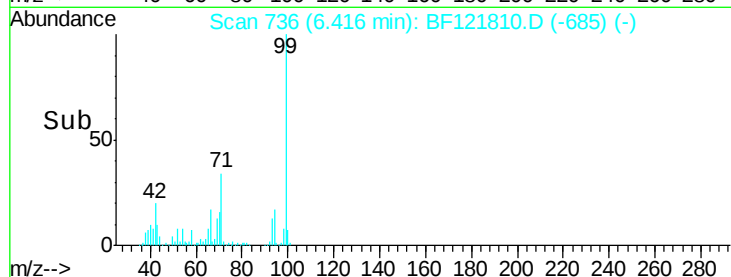
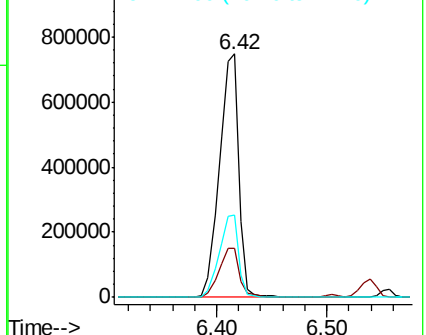
99 100

42 19.9 15.9 23.9

71 33.9 27.1 40.7



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: 40.583 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

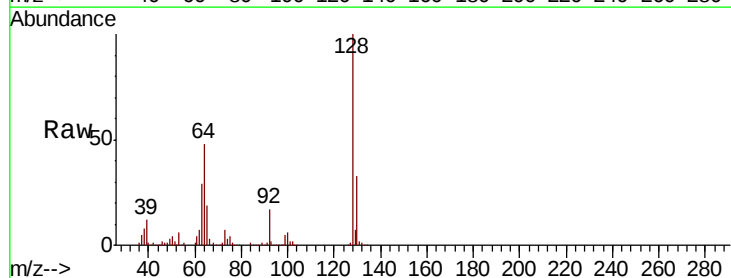
Tgt Ion: 128 Resp: 365924

Ion Ratio Lower Upper

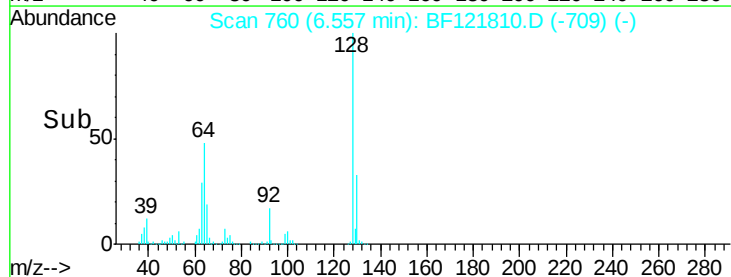
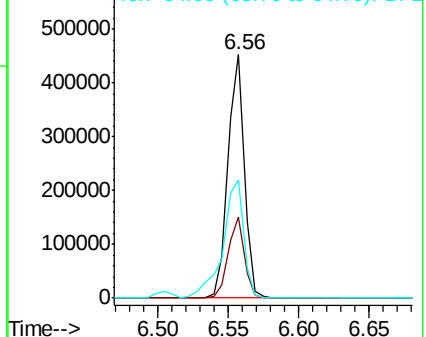
128 100

130 33.2 12.4 52.4

64 48.5 34.8 74.8



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: 34.935 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

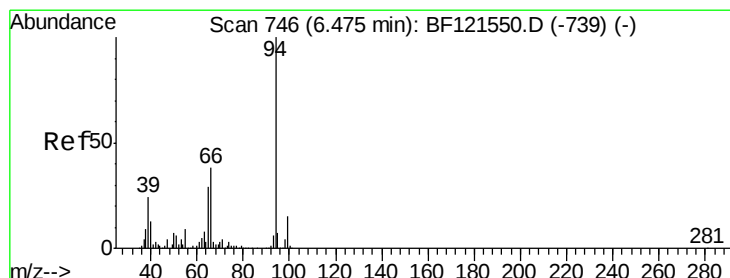
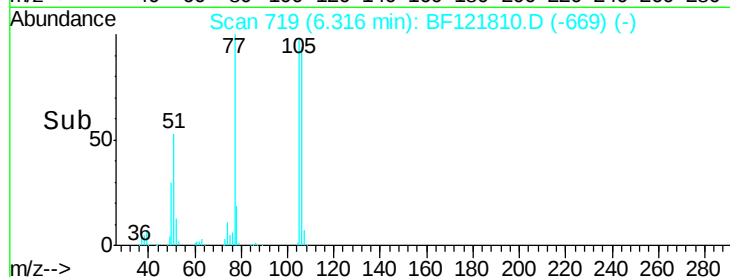
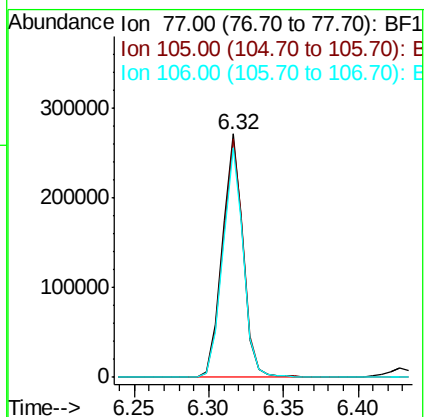
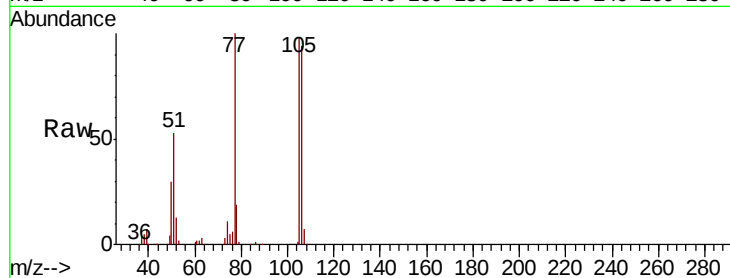
Tot Ion: 77 Resp: 265344

Ion Ratio Lower Upper

77 100

105 98.0 76.7 116.7

106 94.1 71.3 111.3



#10

Phenol

Concen: 37.391 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

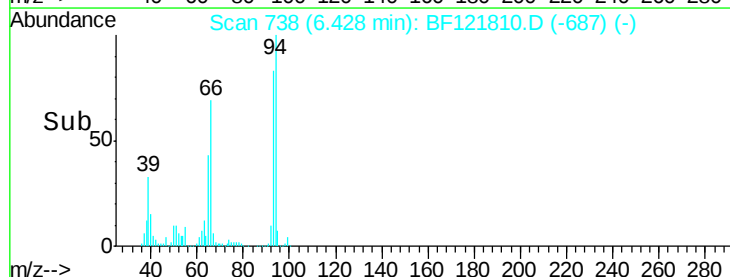
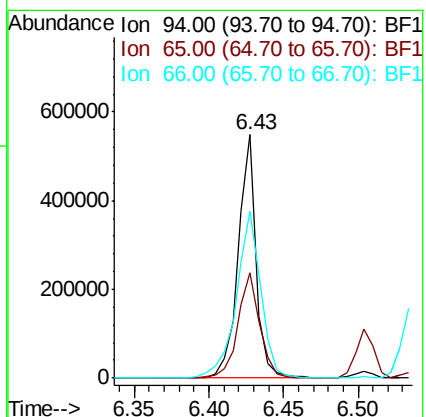
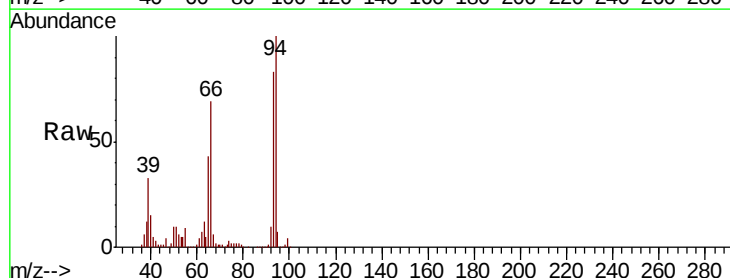
Tgt Ion: 94 Resp: 462613

Ion Ratio Lower Upper

94 100

65 43.0 17.1 57.1

66 68.7 36.0 76.0

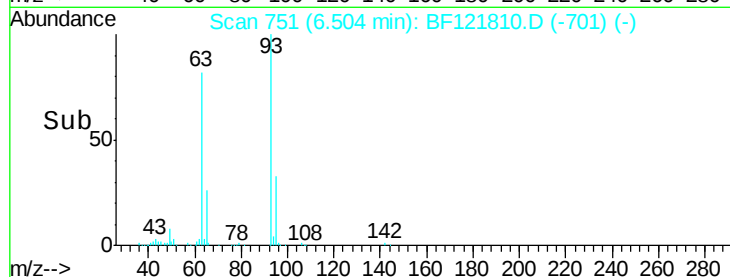
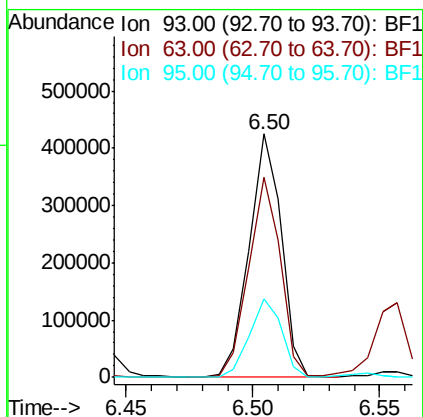
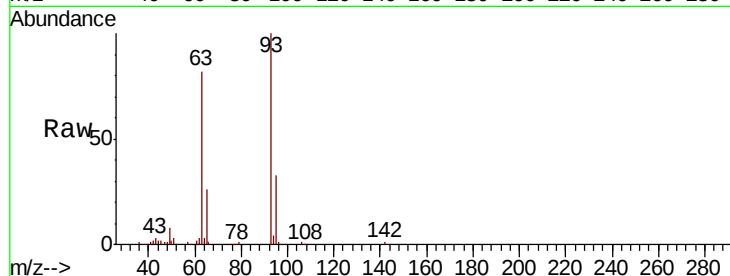




#11
bis(2-Chloroethyl)ether
Concen: 40.197 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

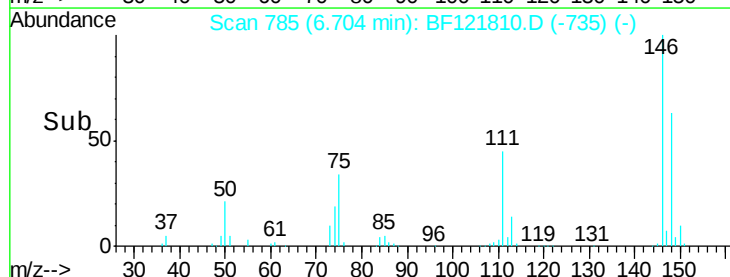
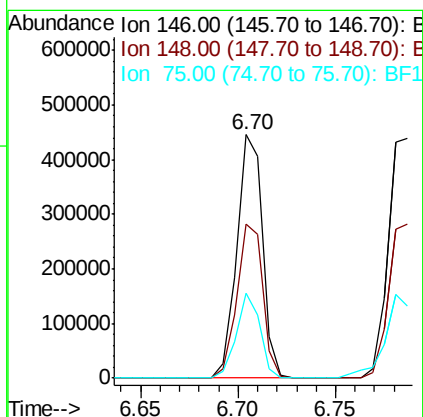
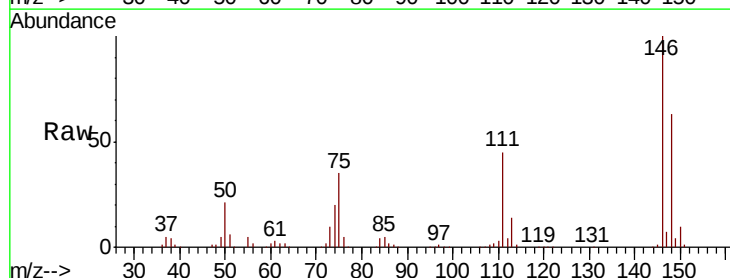
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

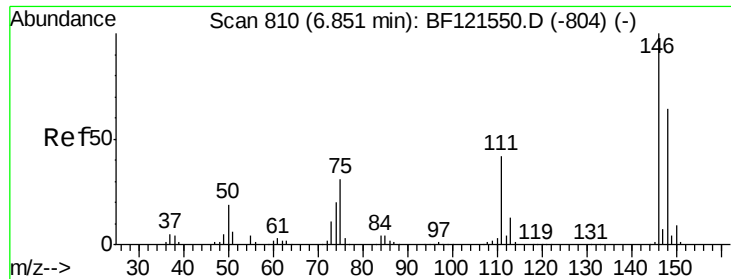
Tot Ion: 93 Resp: 374832
Ion Ratio Lower Upper
93 100
63 82.1 62.4 102.4
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.234 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion: 146 Resp: 404914
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 34.6 27.6 41.4

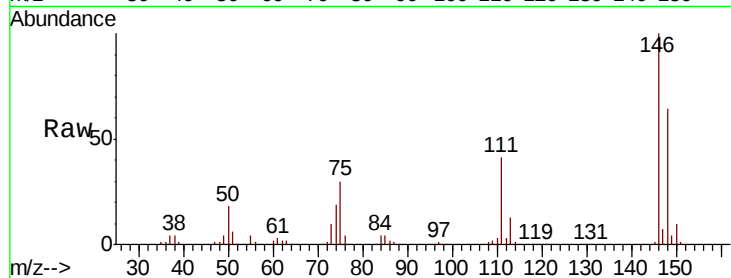




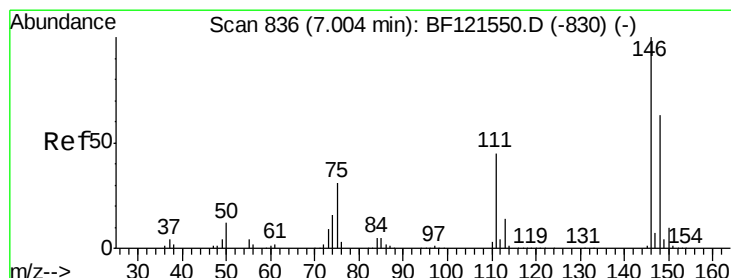
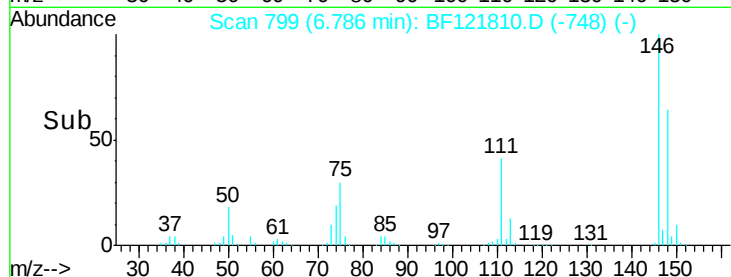
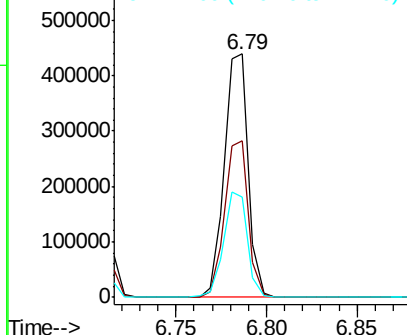
#13
 1,4-Dichlorobenzene
 Concen: 39.906 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 403264
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.1 75.1
 111 41.4 34.6 52.0

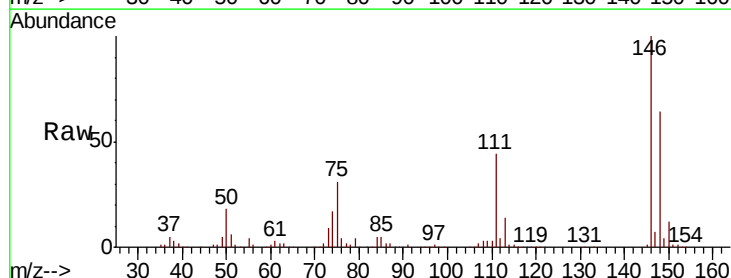


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

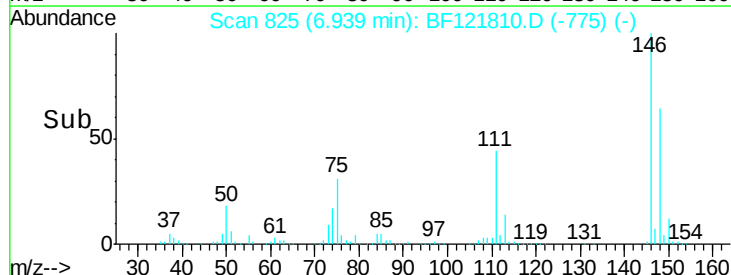
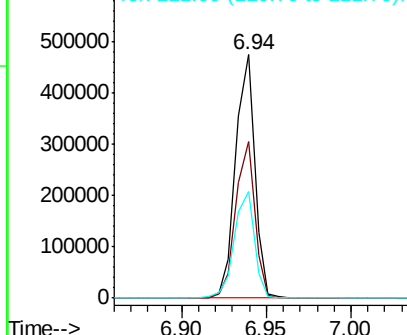


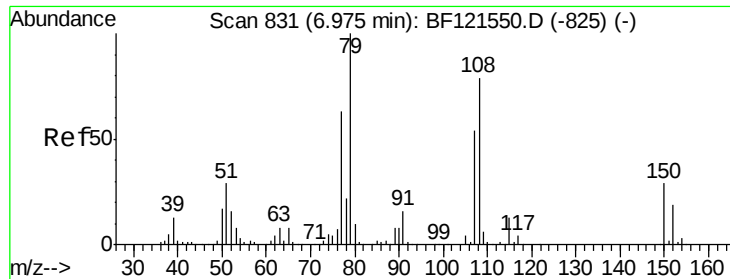
#14
 1,2-Dichlorobenzene
 Concen: 40.200 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion:146 Resp: 374230
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 43.8 34.2 51.4



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

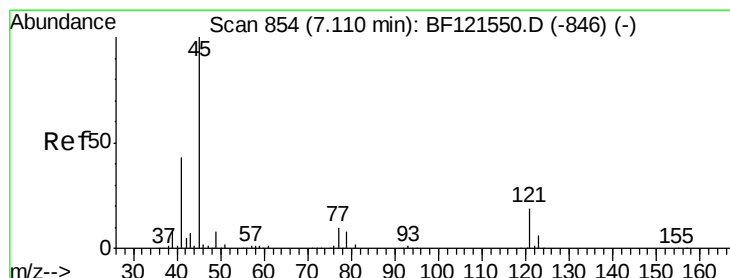
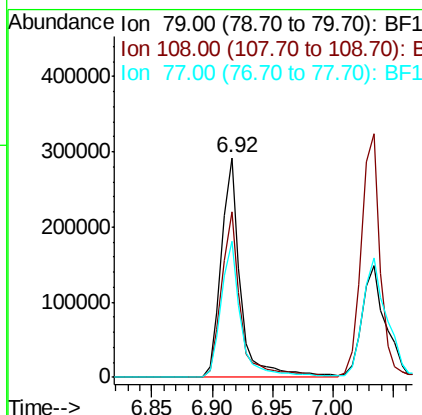
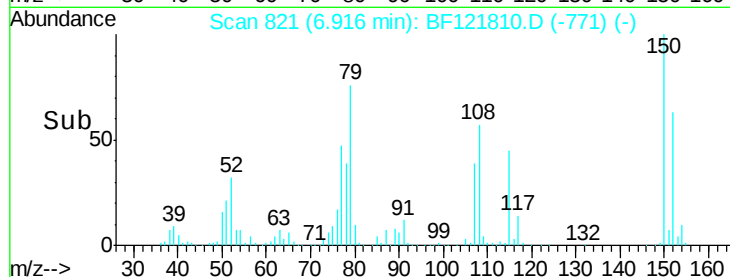
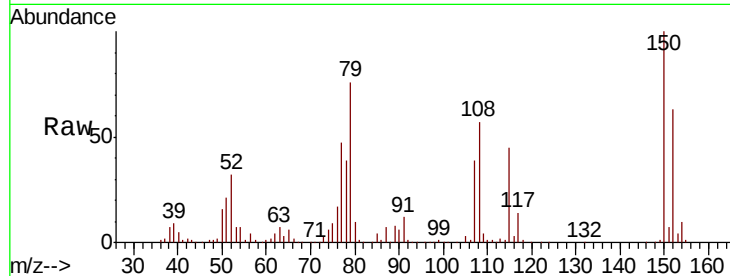




#15
Benzyl Alcohol
Concen: 40.844 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

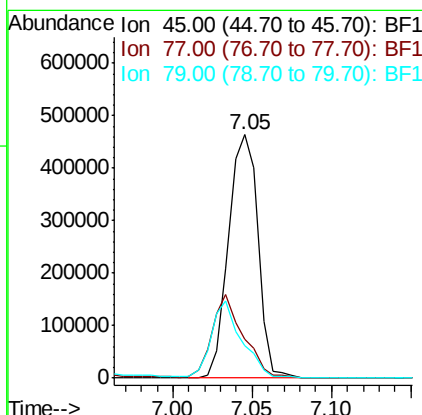
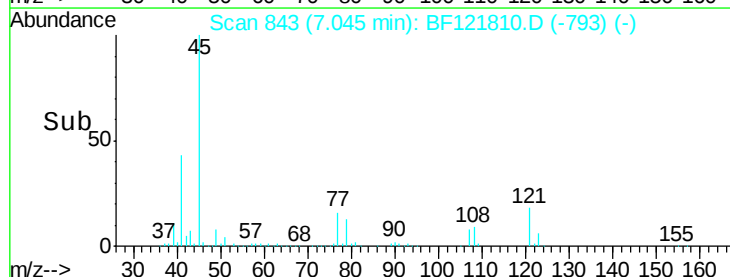
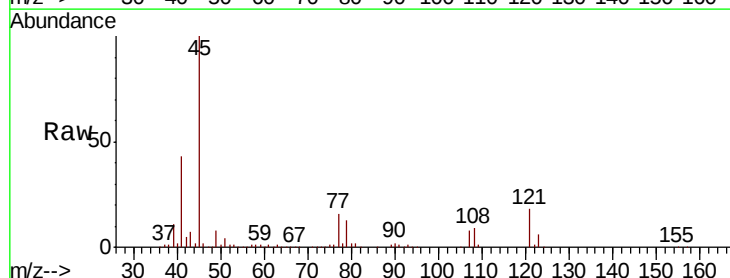
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

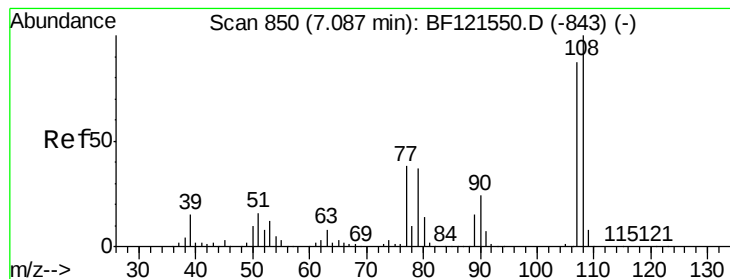
Tot Ion: 79 Resp: 322550
Ion Ratio Lower Upper
79 100
108 75.3 62.3 93.5
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.628 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion: 45 Resp: 594642
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.3
79 13.2 0.0 30.4





#17

2-Methylphenol

Concen: 40.643 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 311813

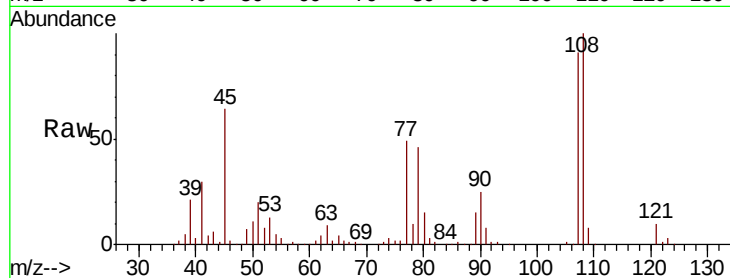
Ion Ratio Lower Upper

107 100

108 110.0 90.9 136.3

77 53.9 37.5 56.3

79 50.3 37.4 56.0

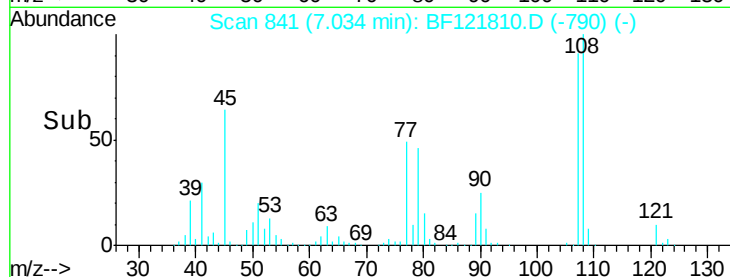


Abundance Ion 107.00 (106.70 to 107.70): E

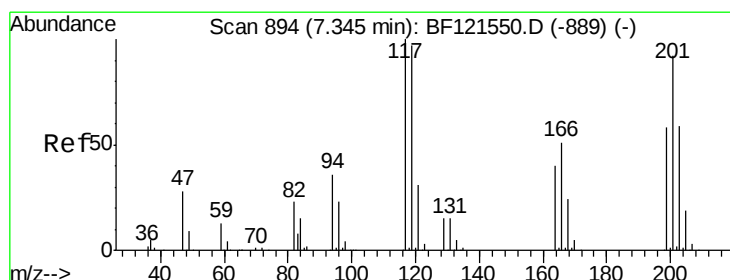
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 41.536 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

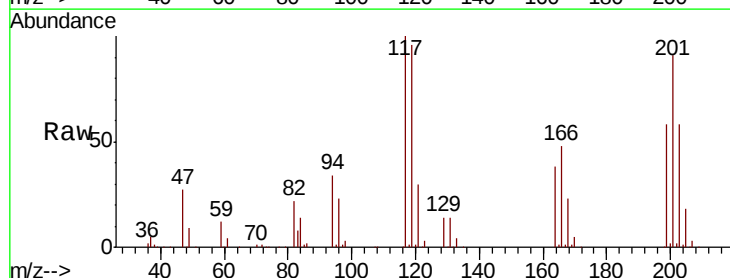
Tgt Ion:117 Resp: 150292

Ion Ratio Lower Upper

117 100

119 96.1 76.3 114.5

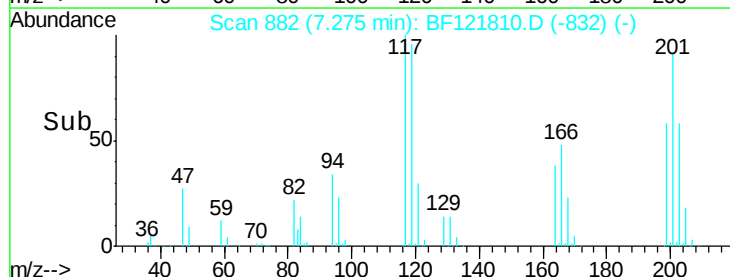
201 90.6 71.8 107.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



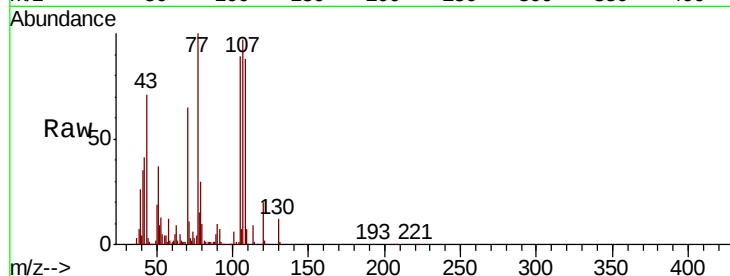
Time-->



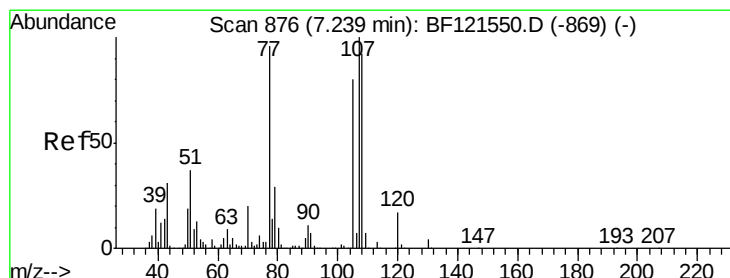
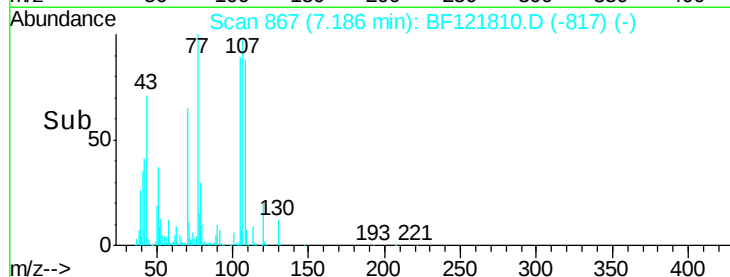
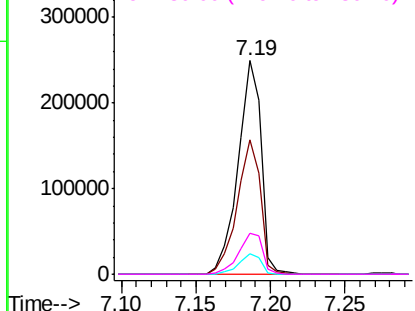
#19
n-Nitroso-di-n-propylamine
Concen: 40.184 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	269074
Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.2	75.4
101	9.3	7.5	11.3
130	19.2	15.5	23.3

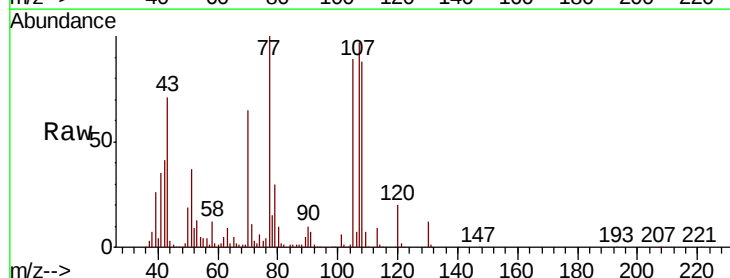


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

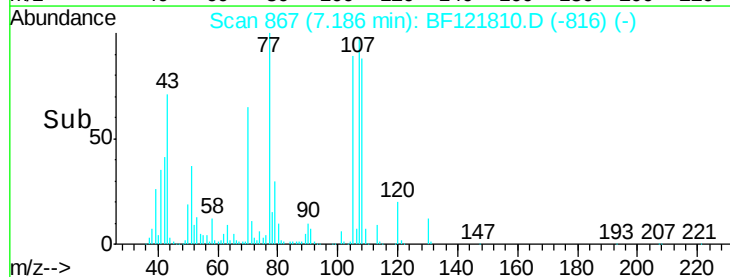
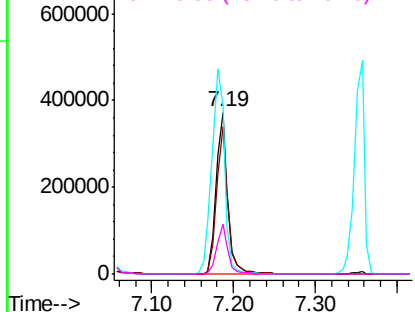


#20
3+4-Methylphenols
Concen: 39.793 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:	107	Resp:	366804
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.9	108.9
77	103.5	108.0	148.0#
79	30.9	10.5	50.5



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

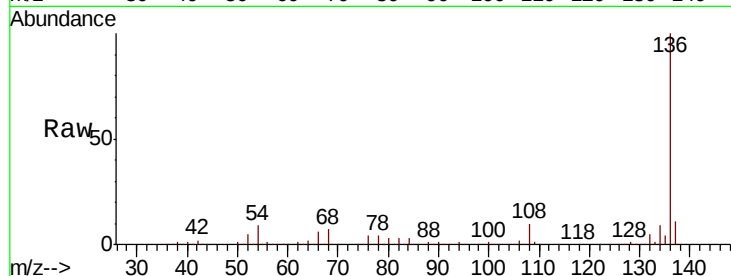




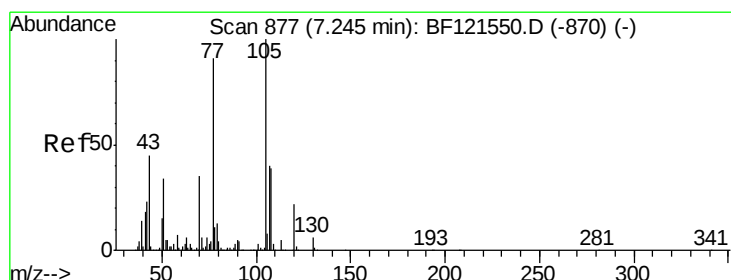
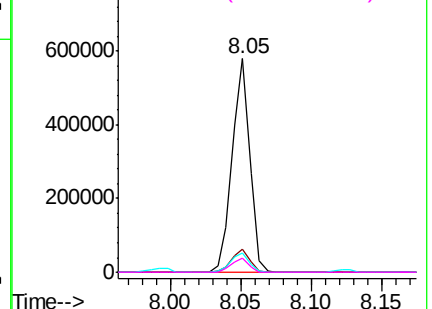
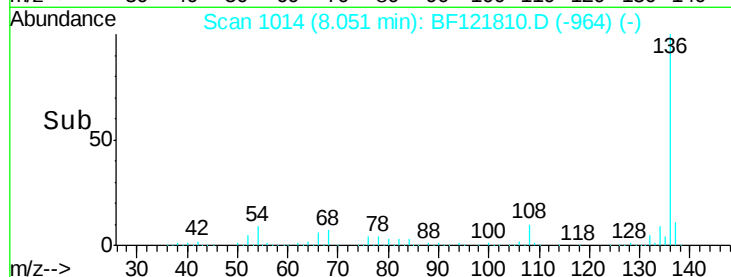
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	502691	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 9.0	7.1	10.7	
68 6.5	5.0	7.4	

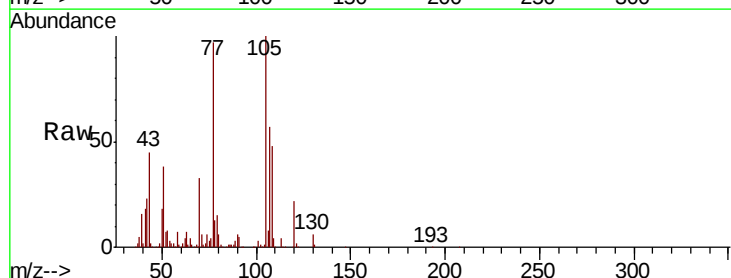


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

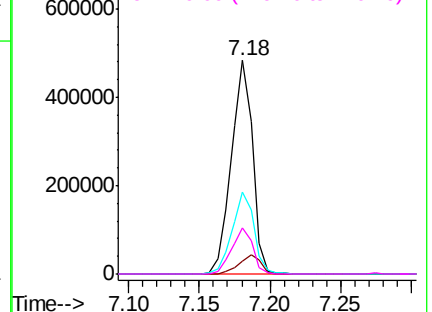
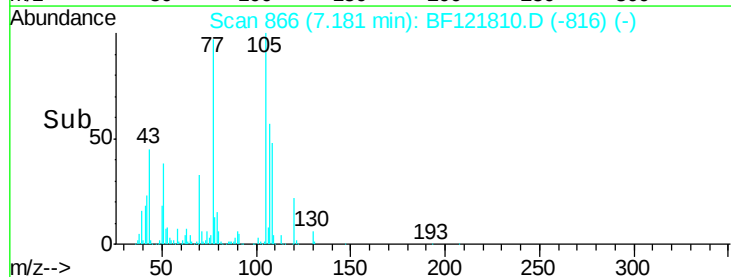


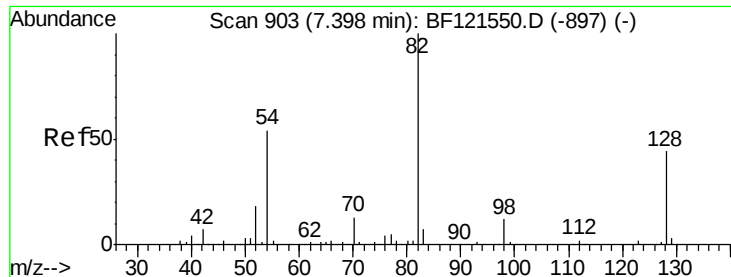
#22
Acetophenone
Concen: 39.645 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt	Ion:105	Resp:	505645
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.3	7.9
51	38.4	33.2	49.8
120	21.8	17.4	26.0



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

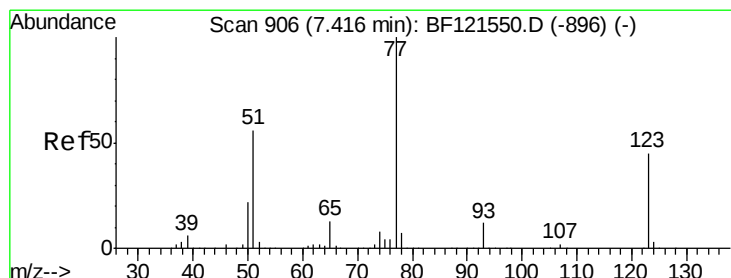
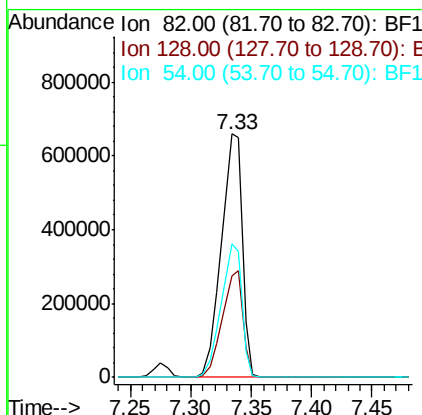
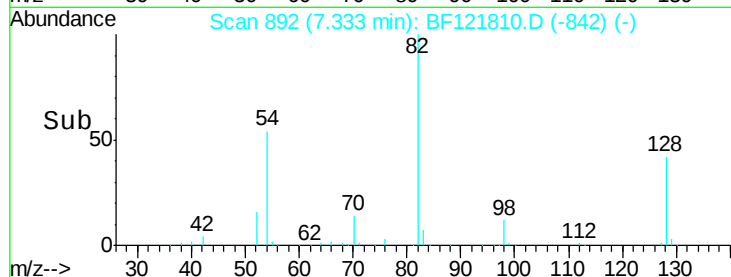
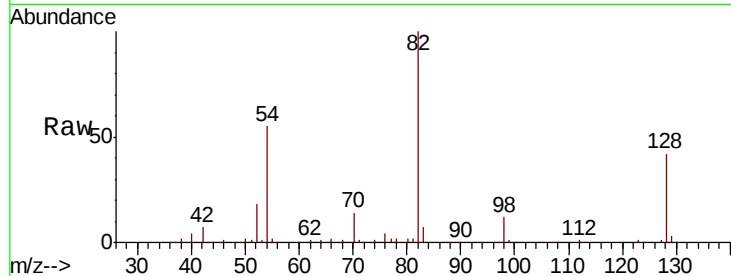




#23
Nitrobenzene-d5
Concen: 84.353 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

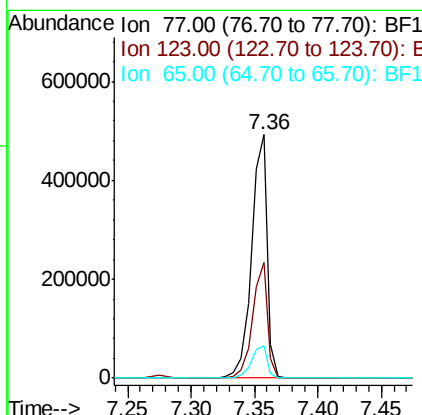
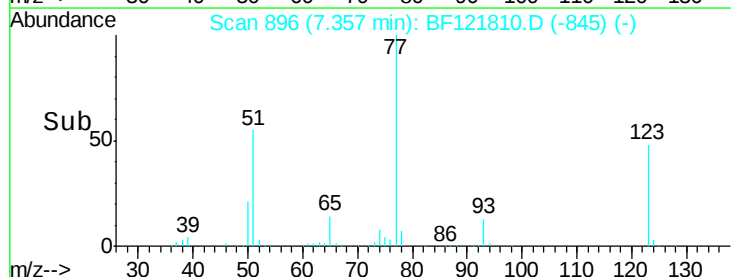
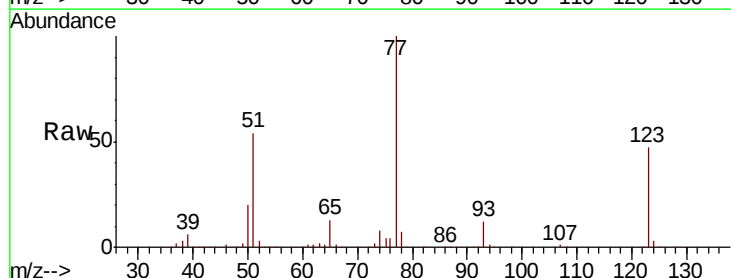
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 789760
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 55.0 43.9 65.9



#24
Nitrobenzene
Concen: 41.843 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion: 77 Resp: 423706
Ion Ratio Lower Upper
77 100
123 47.5 35.6 53.4
65 13.4 11.2 16.8





#25

Isophorone

Concen: 40.377 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

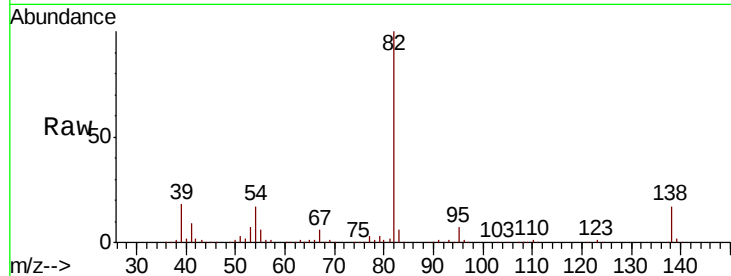
Tot Ion: 82 Resp: 760979

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

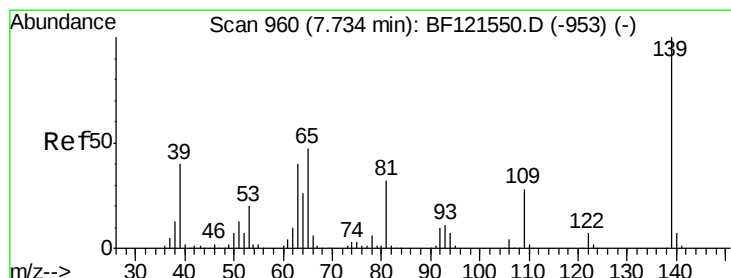
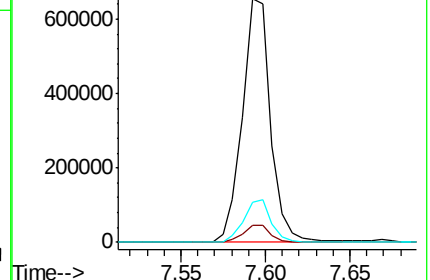
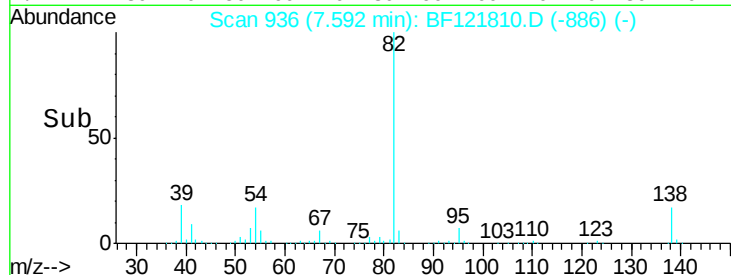
138 16.5 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.605 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

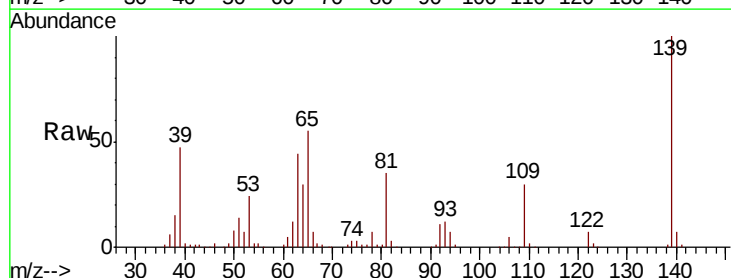
Tgt Ion: 139 Resp: 201652

Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

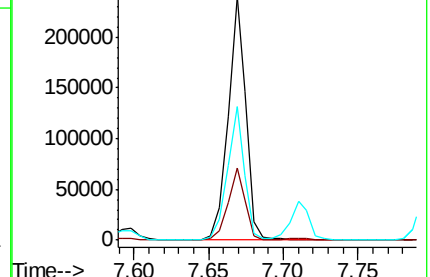
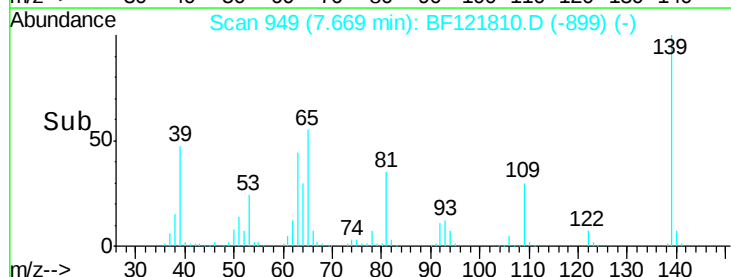
65 54.6 39.9 59.9

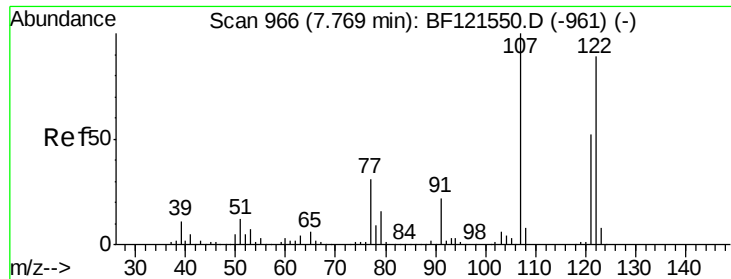


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

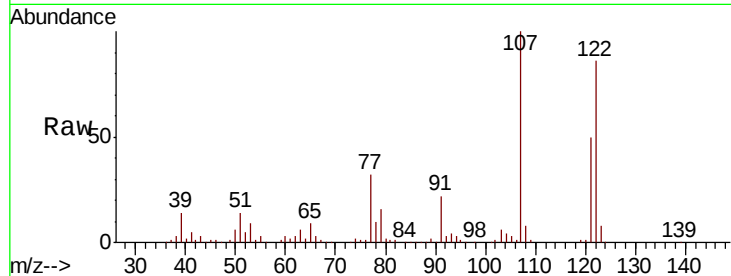




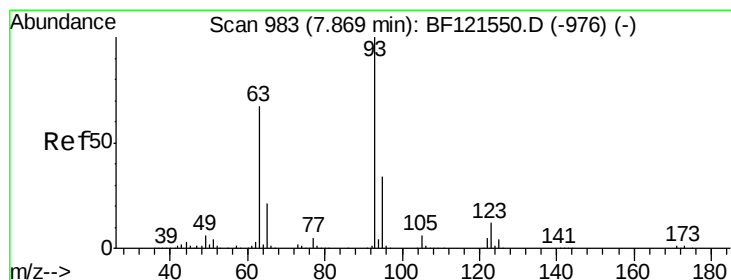
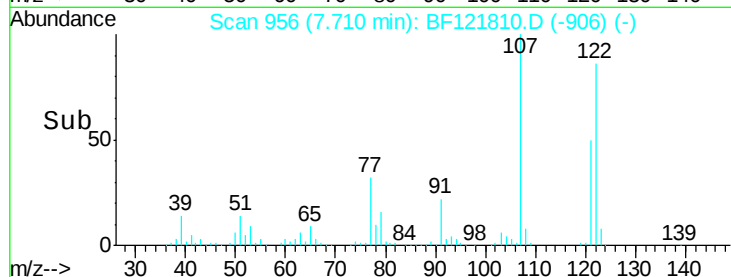
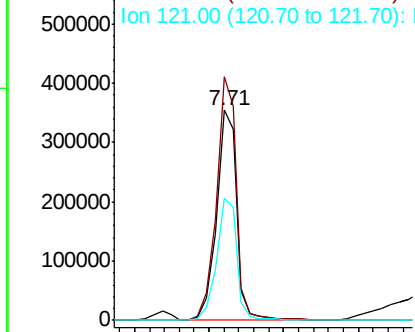
#27
 2,4-Dimethylphenol
 Concen: 39.760 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 334497
 Ion Ratio Lower Upper
 122 100
 107 116.0 90.8 136.2
 121 58.3 47.5 71.3

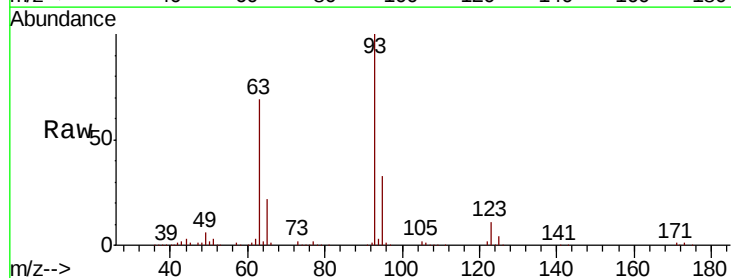


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

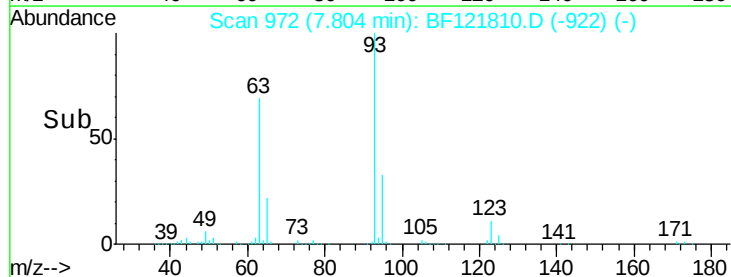
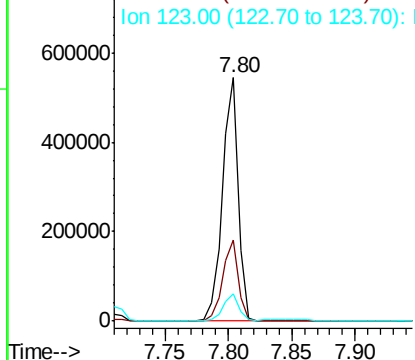


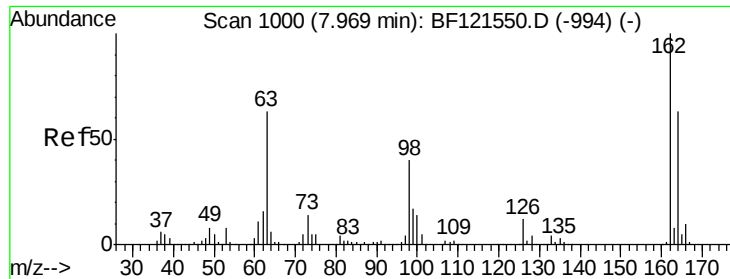
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.681 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion: 93 Resp: 474649
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 11.4 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

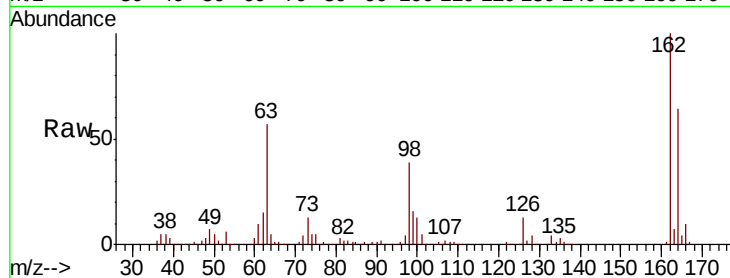




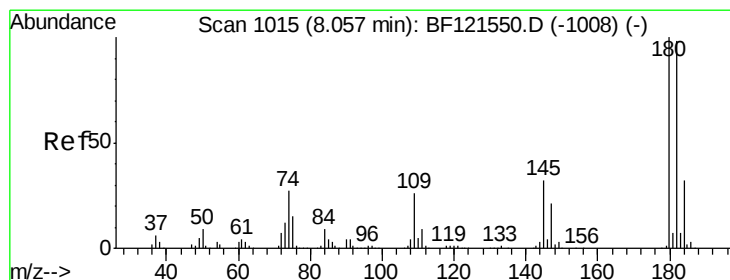
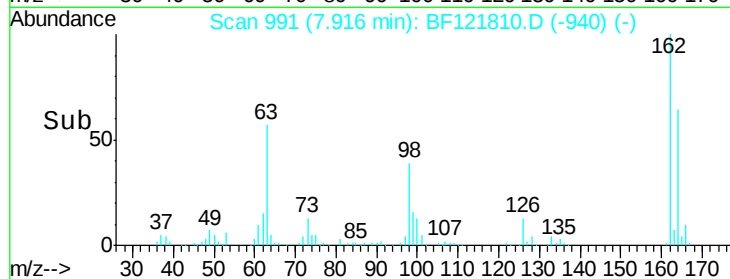
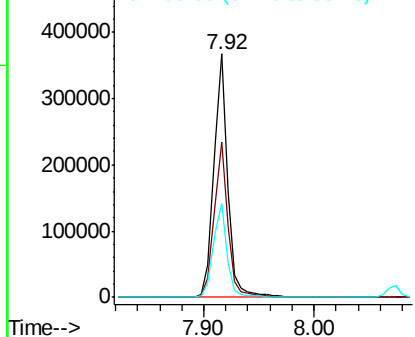
#29
 2,4-Dichlorophenol
 Concen: 41.148 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.5	82.5
98	38.7	20.1	60.1

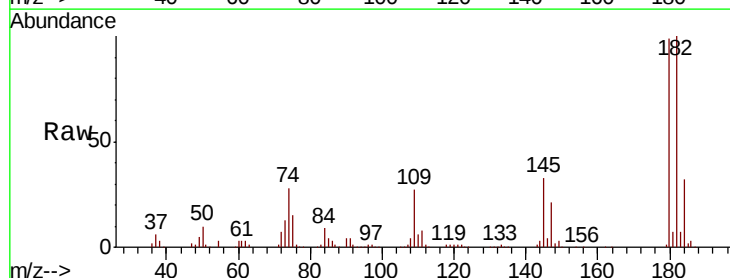


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

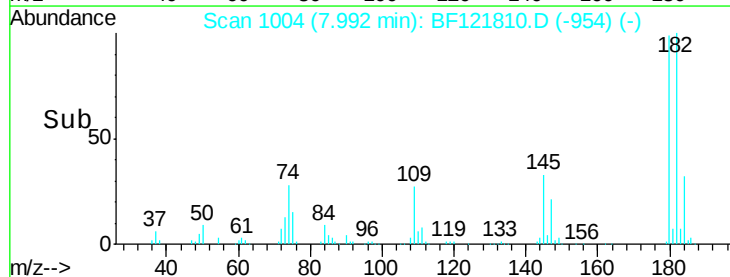
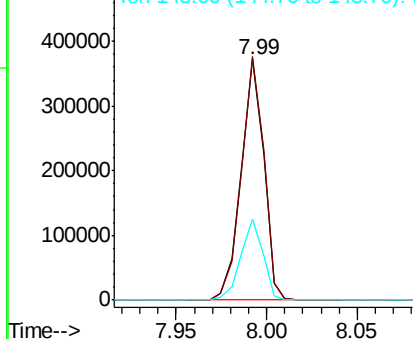


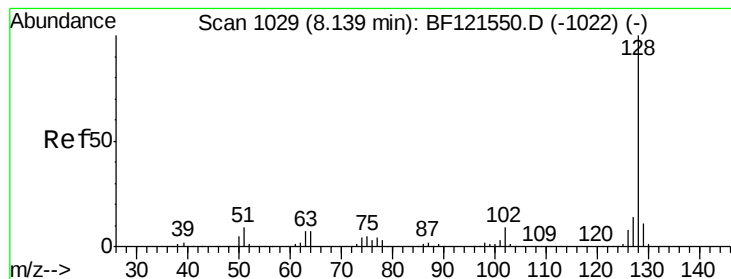
#30
 1,2,4-Trichlorobenzene
 Concen: 40.026 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	79.4	119.2
145	33.6	25.5	38.3



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





#31

Naphthalene

Concen: 40.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

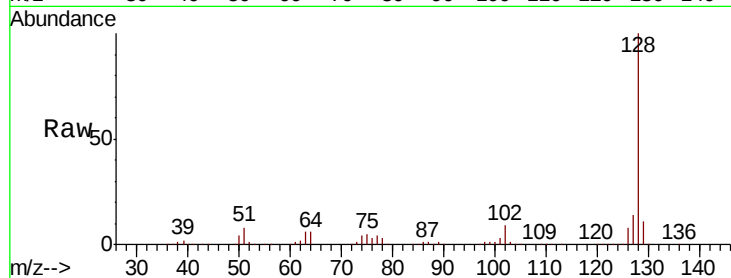
Tot Ion:128 Resp: 1061438

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

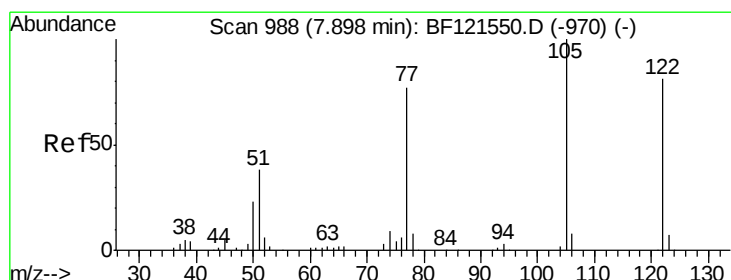
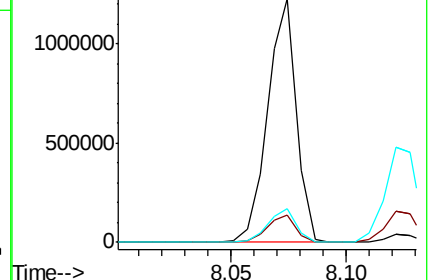
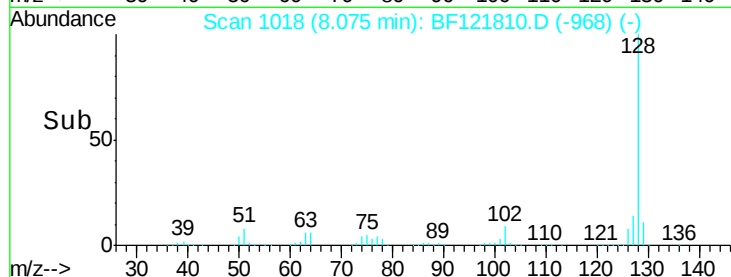
127 13.6 10.8 16.2



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: 30.539 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

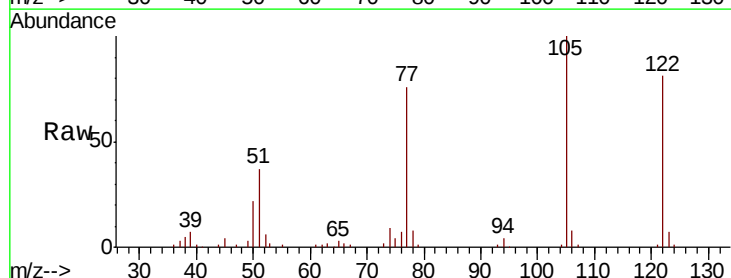
Tgt Ion:122 Resp: 173180

Ion Ratio Lower Upper

122 100

105 123.2 103.3 143.3

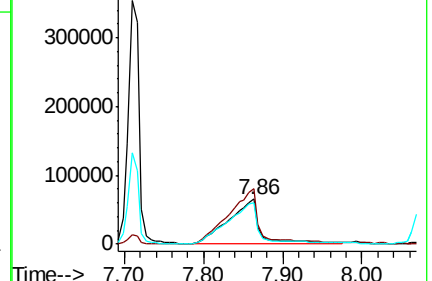
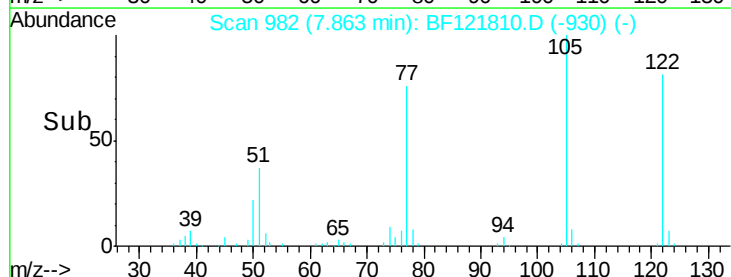
77 93.1 73.9 113.9

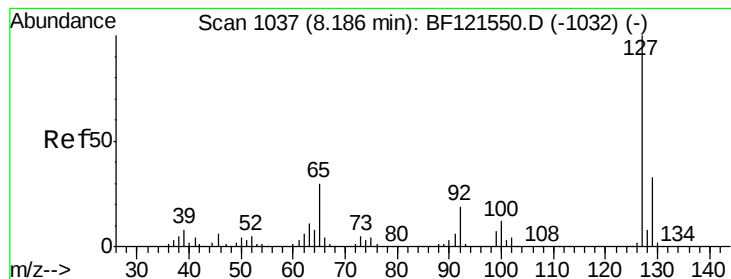


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.111 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 472897

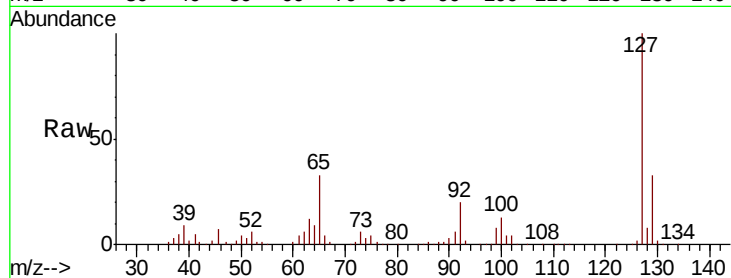
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 33.4 26.2 39.2

92 20.4 15.9 23.9

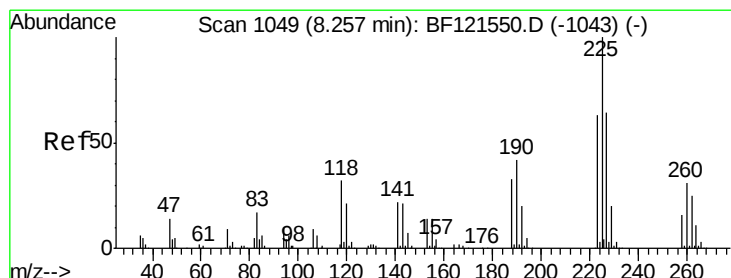
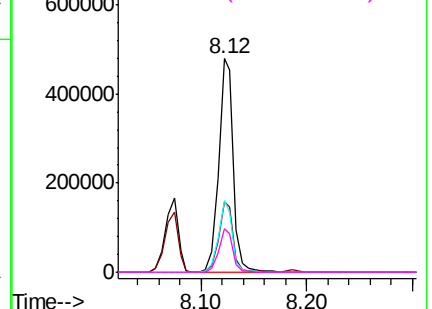
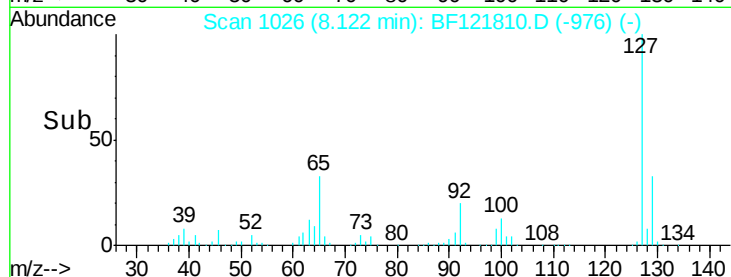


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.131 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

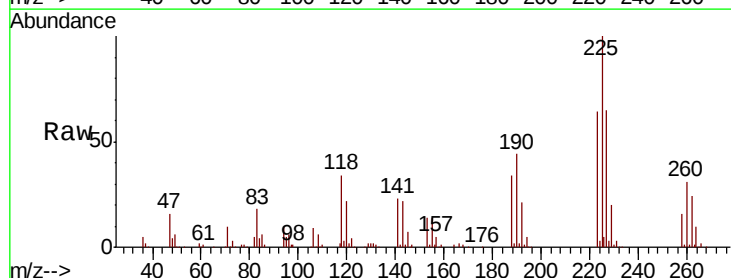
Tgt Ion:225 Resp: 194830

Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

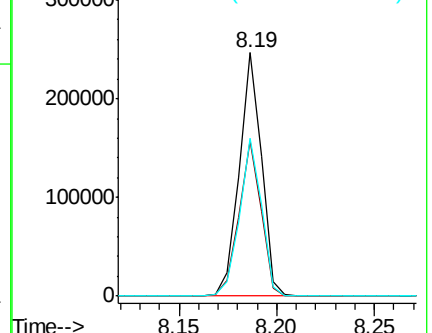
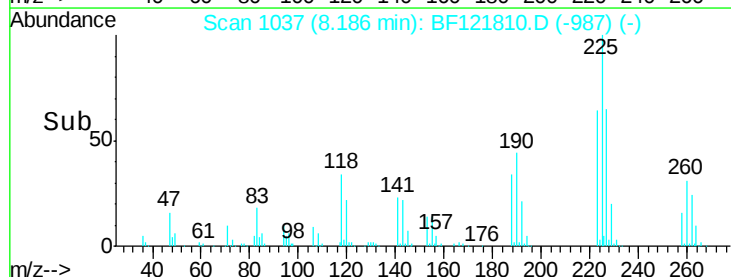
227 64.8 51.0 76.6

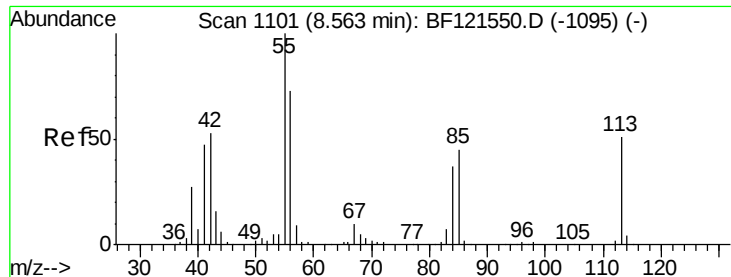


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

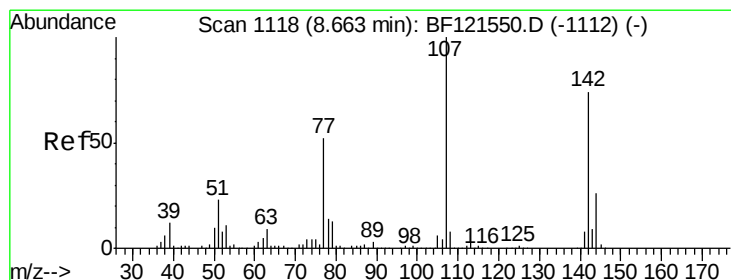
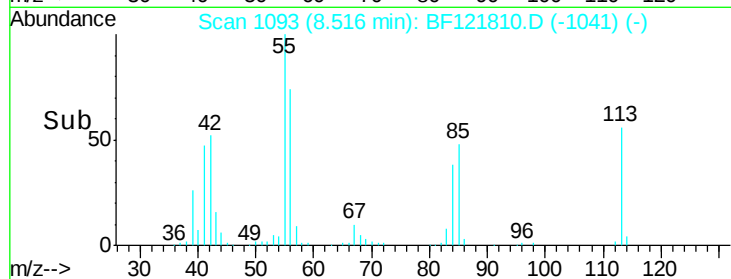
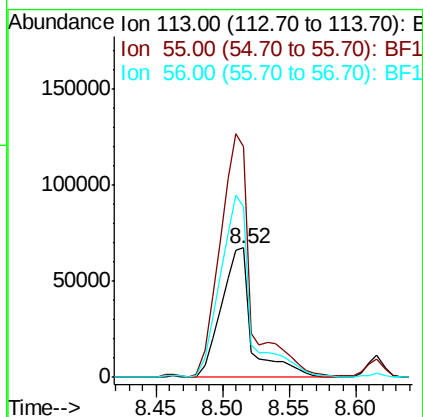
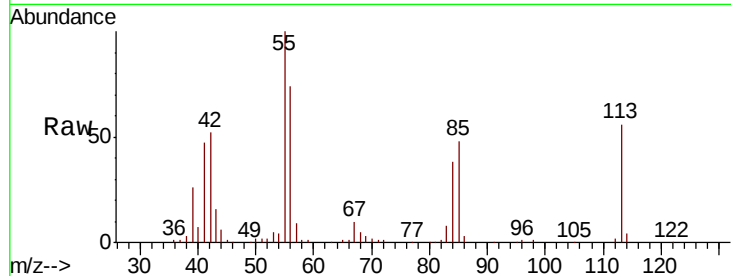




#35
Caprolactam
Concen: 42.792 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

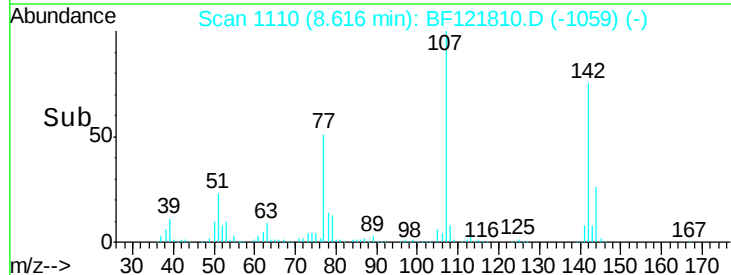
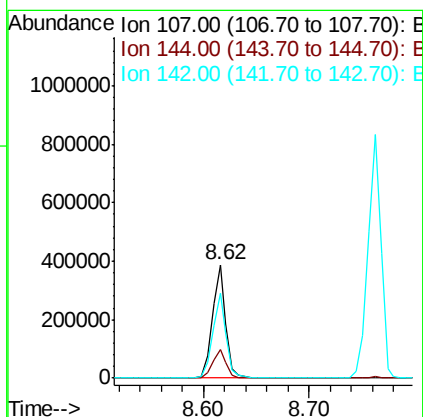
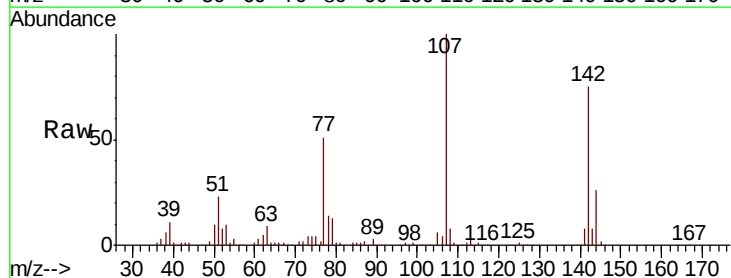
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 109192
Ion Ratio Lower Upper
113 100
55 178.7 167.5 207.5
56 131.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 41.598 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:107 Resp: 343363
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 75.0 59.3 88.9





#37

2-Methylnaphthalene

Concen: 39.979 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

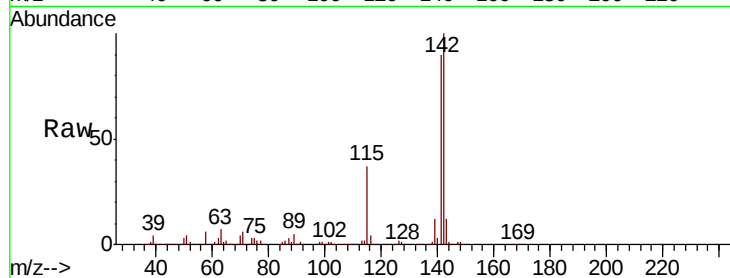
Tot Ion:142 Resp: 695248

Ion Ratio Lower Upper

142 100

141 90.4 70.2 105.4

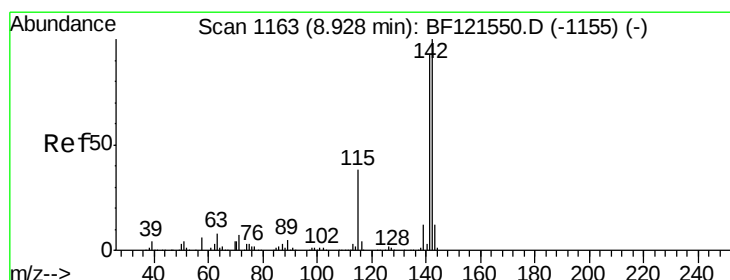
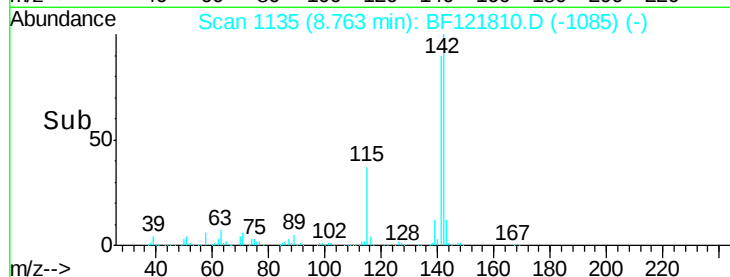
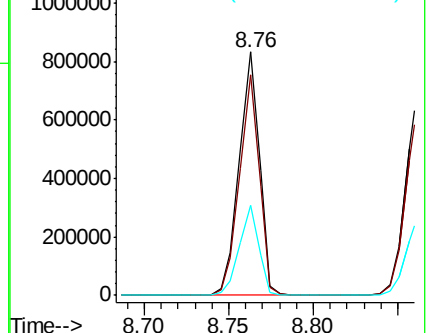
115 37.0 28.6 43.0



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: 40.211 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

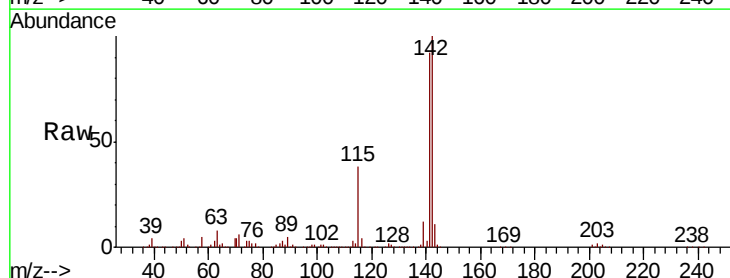
Tgt Ion:142 Resp: 650812

Ion Ratio Lower Upper

142 100

141 92.2 74.5 111.7

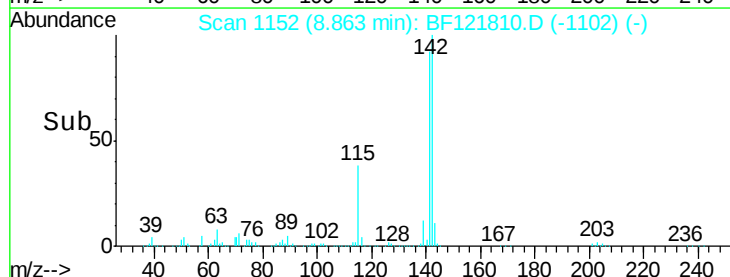
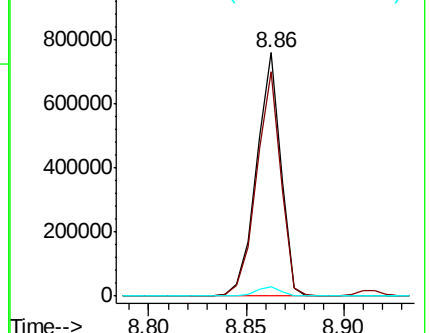
116 3.9 3.2 4.8

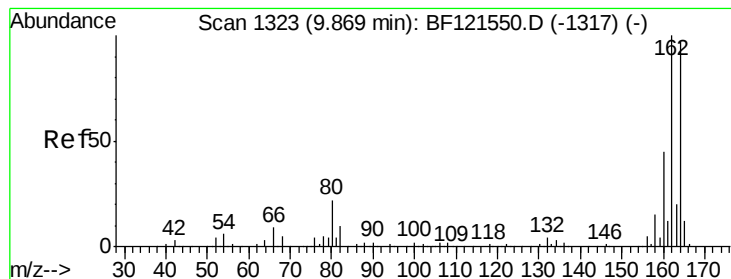


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

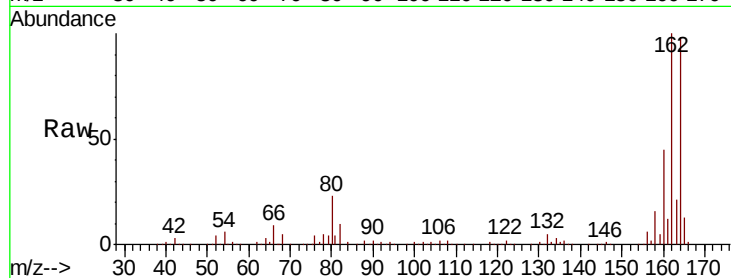
Tot Ion:164 Resp: 269069

Ion Ratio Lower Upper

164 100

162 101.8 83.2 124.8

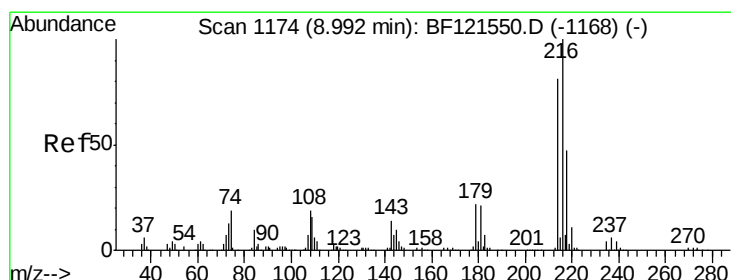
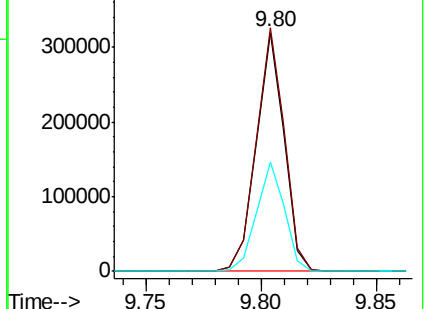
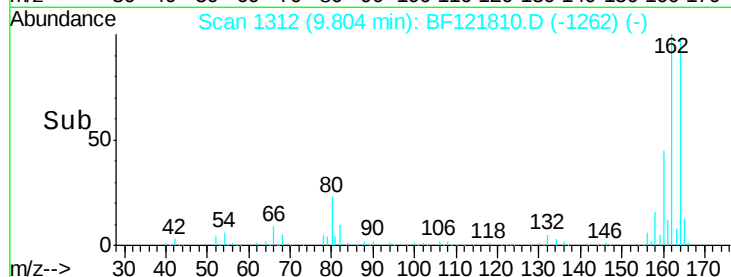
160 45.7 37.5 56.3



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: 40.569 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Tgt Ion:216 Resp: 340977

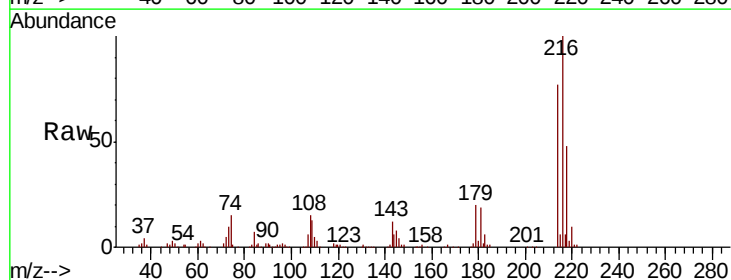
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 20.7 17.0 25.6

108 19.1 15.5 23.3

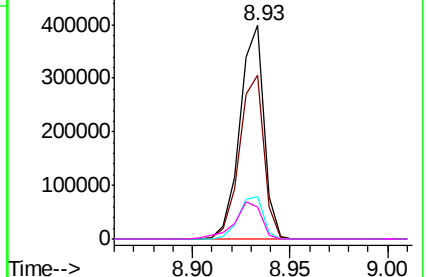
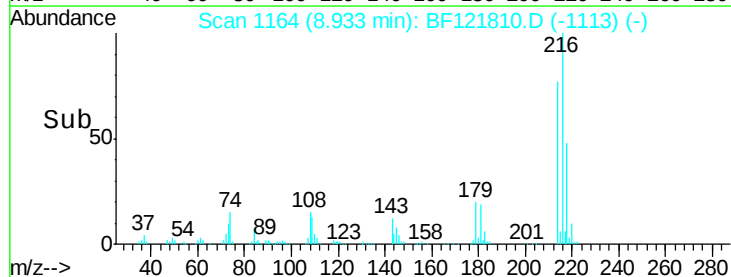


Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.890 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

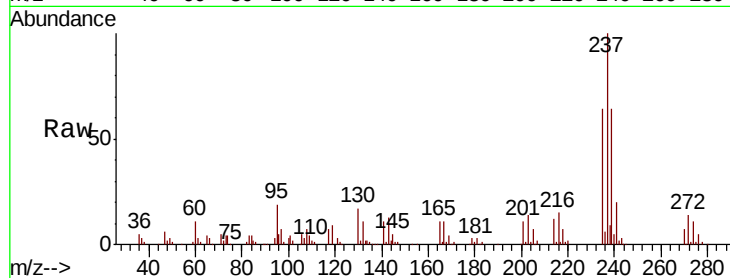
Tot Ion:237 Resp: 133864

Ion Ratio Lower Upper

237 100

235 63.5 41.8 81.8

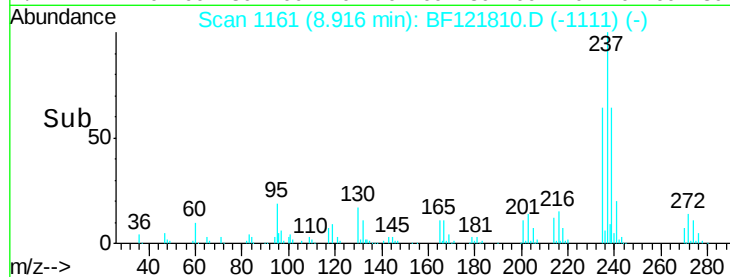
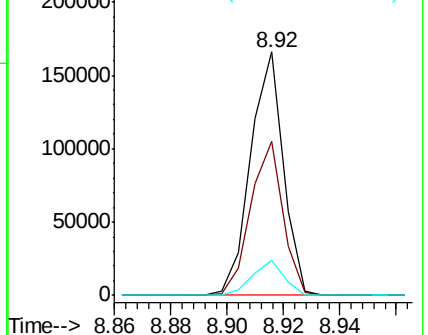
272 14.1 0.0 33.5



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: 86.517 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

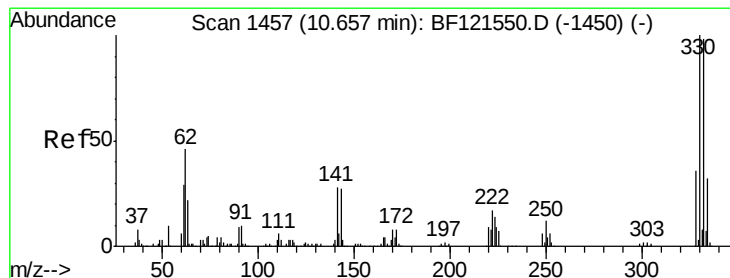
Tgt Ion:330 Resp: 289328

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

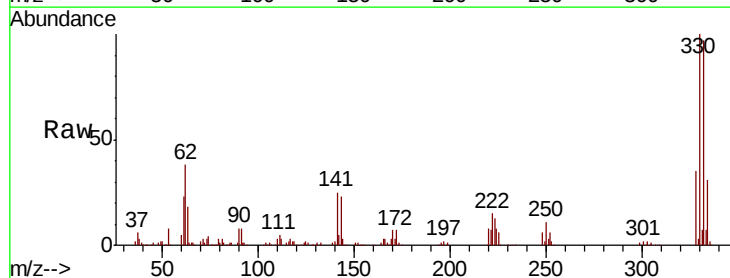
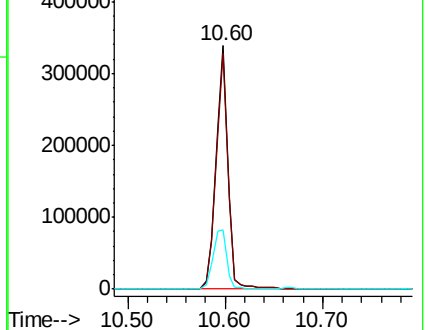
141 28.6 22.3 33.5

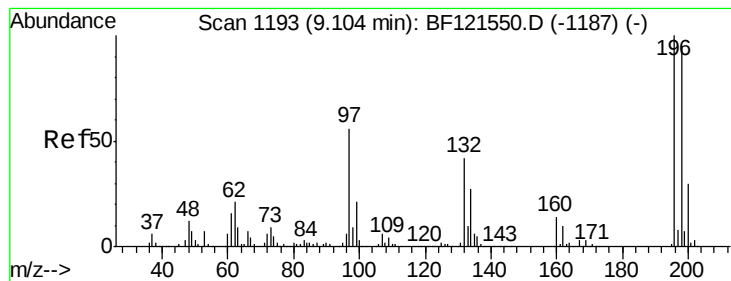


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.697 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

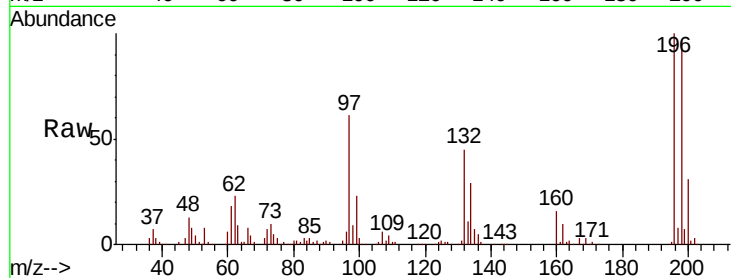
Tot Ion:196 Resp: 221689

Ion Ratio Lower Upper

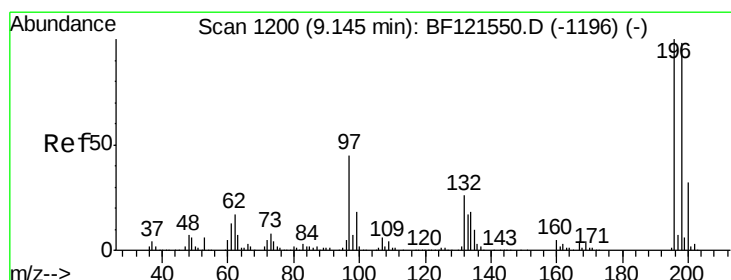
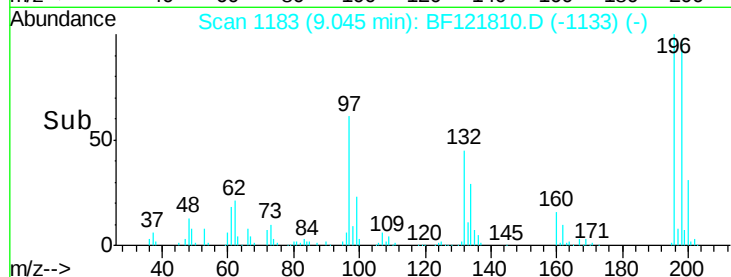
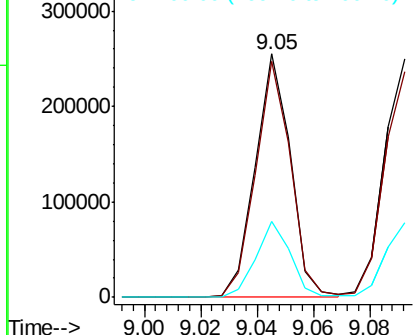
196 100

198 97.0 75.8 113.6

200 31.0 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.105 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Tgt Ion:196 Resp: 236831

Ion Ratio Lower Upper

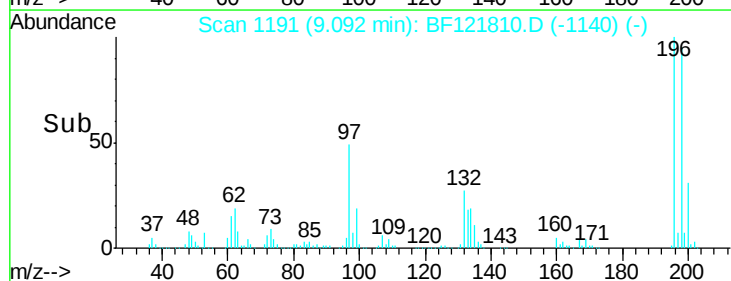
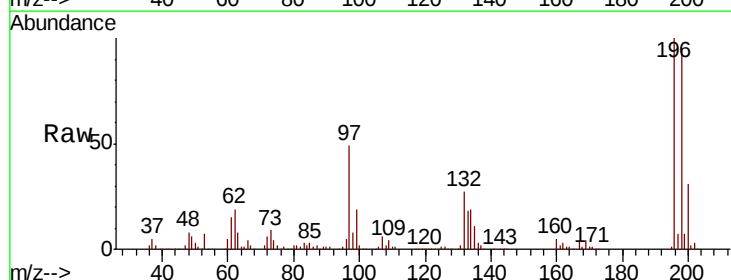
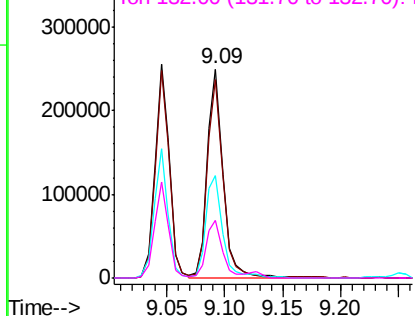
196 100

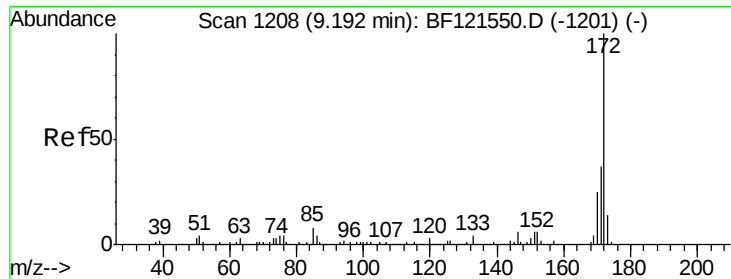
198 94.9 76.1 114.1

97 49.2 41.0 61.6

132 27.3 22.4 33.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

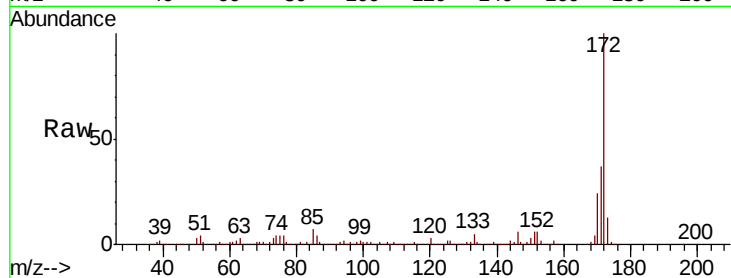




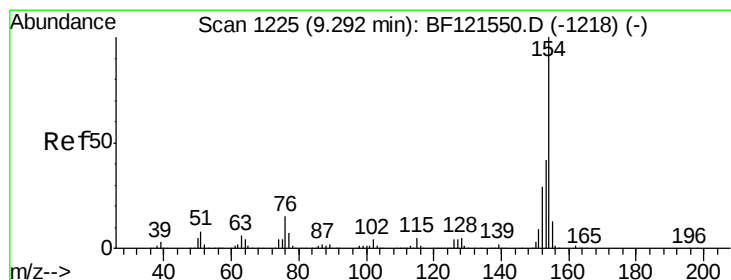
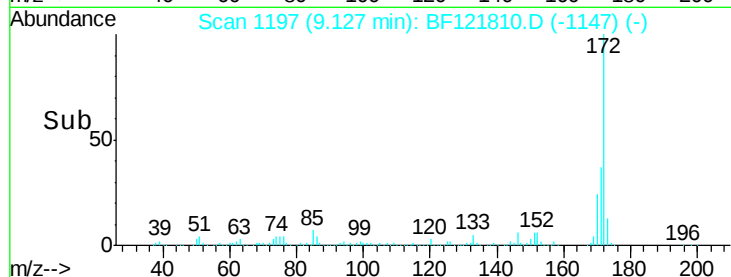
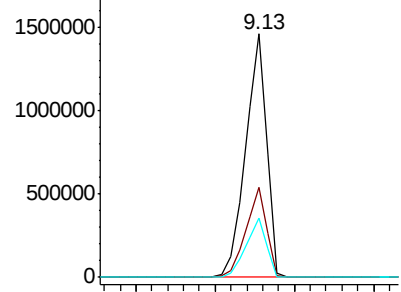
#45
2-Fluorobiphenyl
Concen: 76.628 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1361364
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.5 19.8 29.6

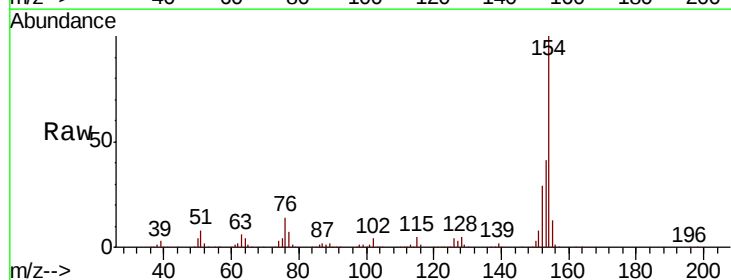


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

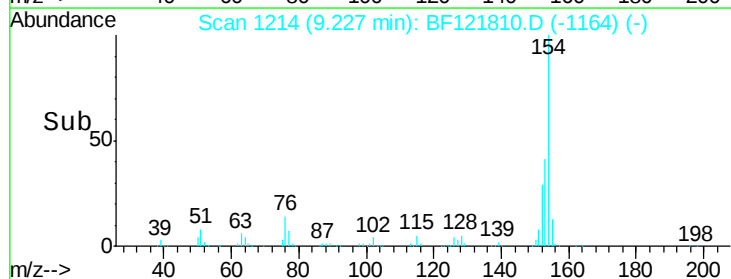
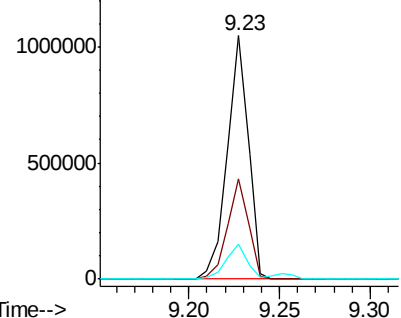


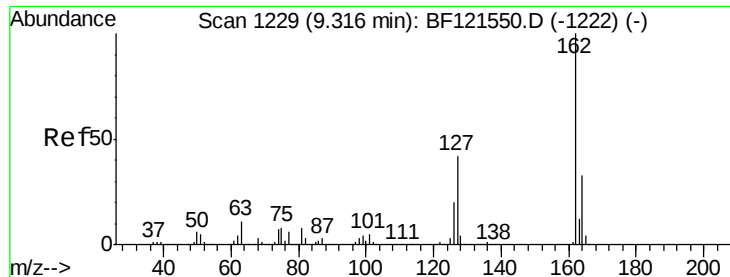
#46
1,1'-Biphenyl
Concen: 39.222 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:154 Resp: 844869
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 14.4 0.0 34.7



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

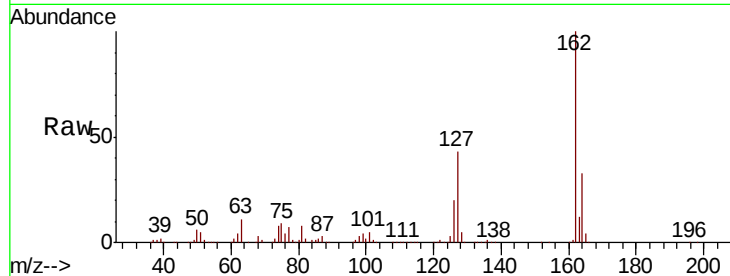




#47
2-Chloronaphthalene
Concen: 39.260 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.4	51.6
164	33.4	26.3	39.5

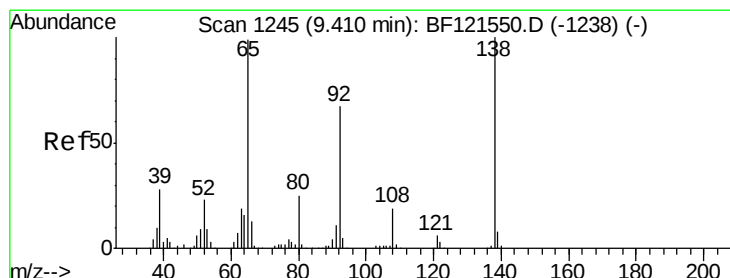
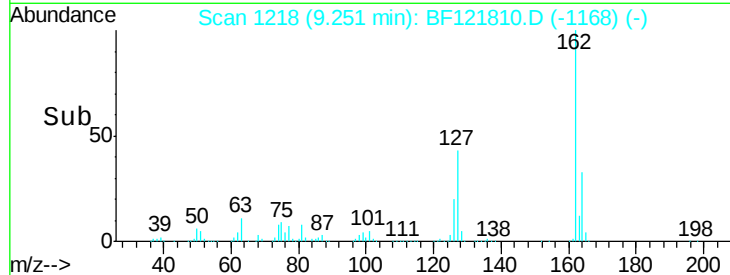
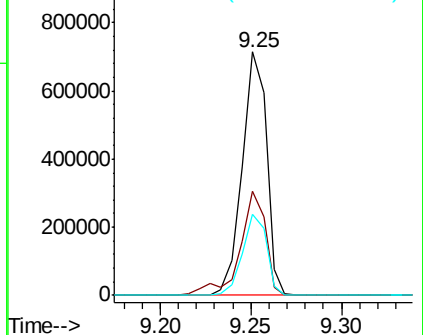


Abundance

Ion 162.00 (161.70 to 162.70): E

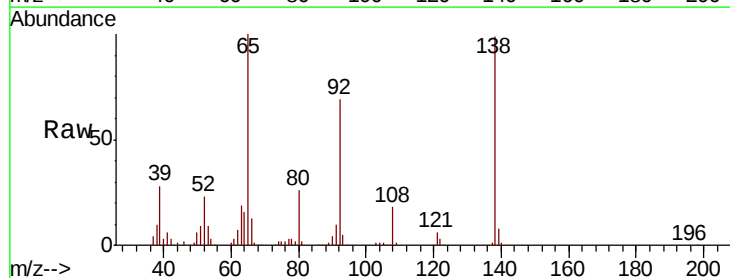
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.454 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.1	82.7
138	98.8	80.5	120.7

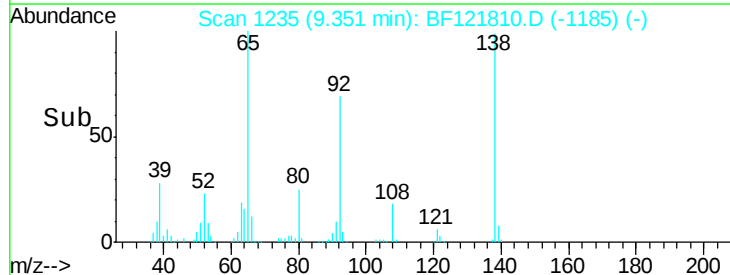
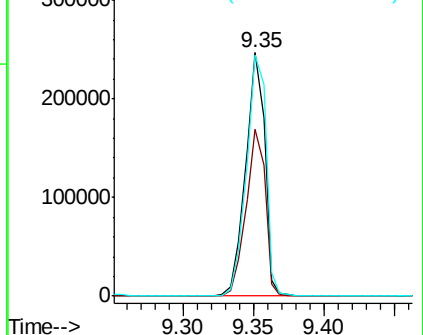


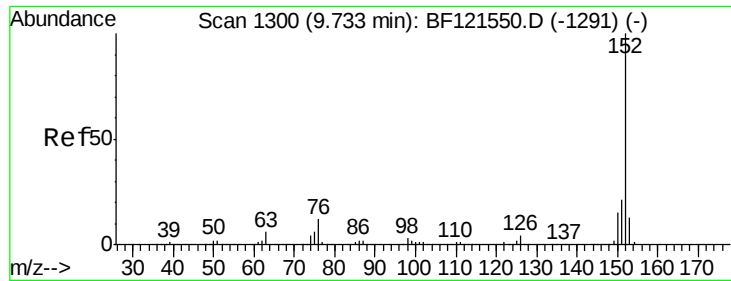
Abundance

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: 39.416 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

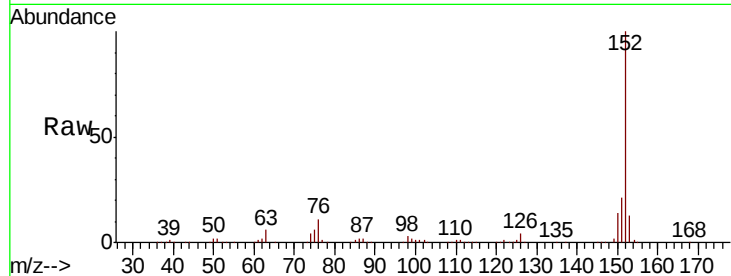
Tot Ion:152 Resp: 1028017

Ion Ratio Lower Upper

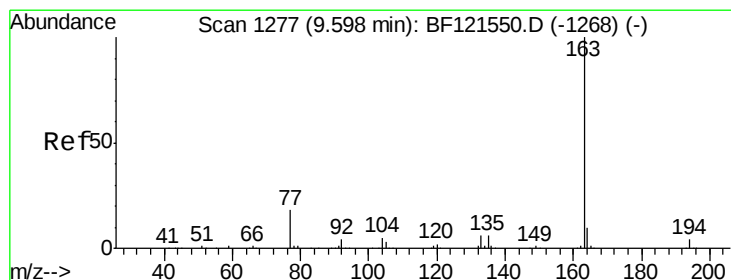
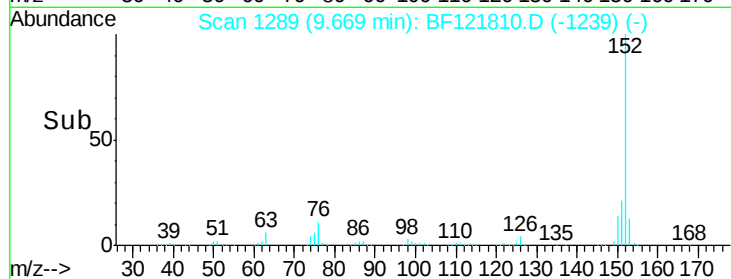
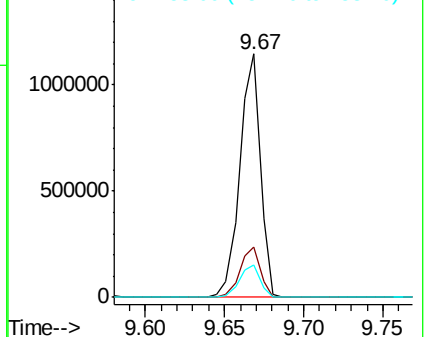
152 100

151 20.6 16.4 24.6

153 13.1 10.6 15.8



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



#50

Dimethylphthalate

Concen: 42.027 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

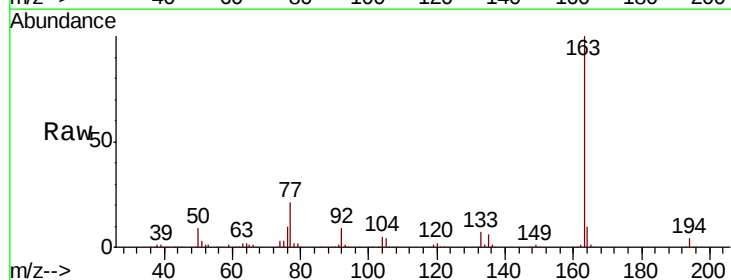
Tgt Ion:163 Resp: 819608

Ion Ratio Lower Upper

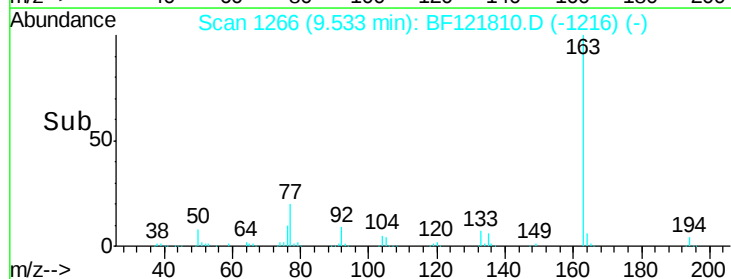
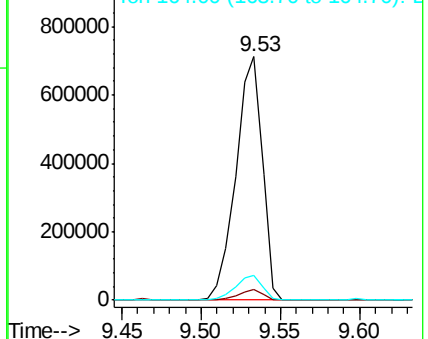
163 100

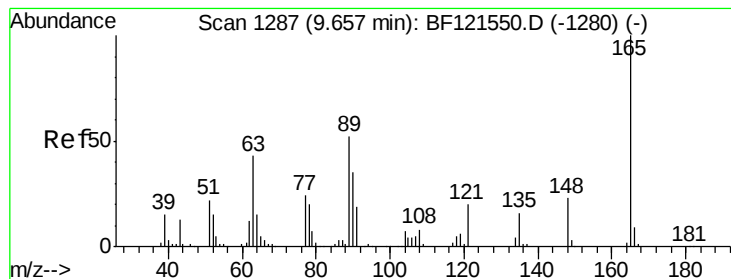
194 4.1 3.3 4.9

164 10.1 8.2 12.4



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





#51

2,6-Dinitrotoluene

Concen: 43.699 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

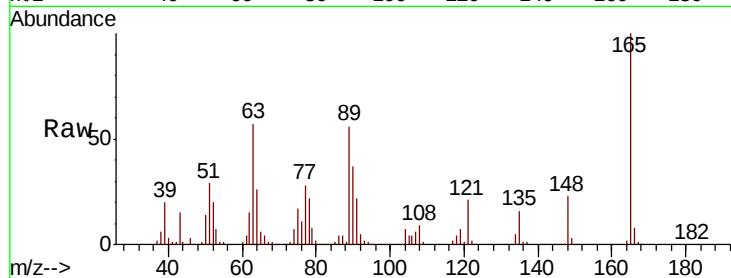
Tot Ion:165 Resp: 181491

Ion Ratio Lower Upper

165 100

63 56.7 51.8 77.6

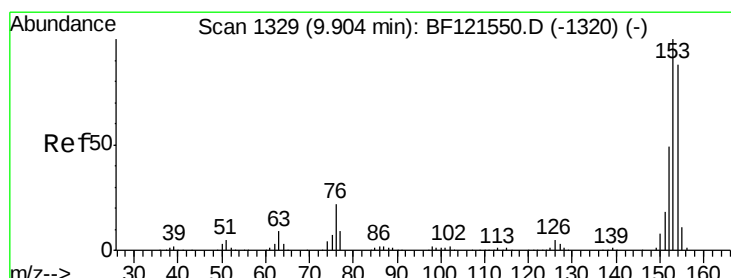
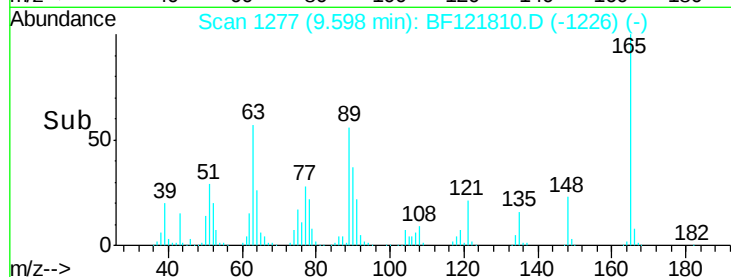
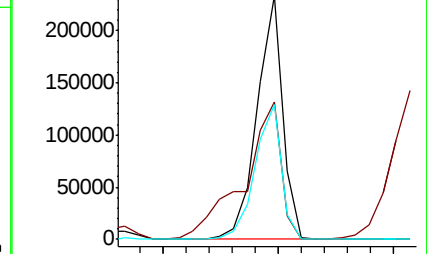
89 55.6 49.0 73.6



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



#52

Acenaphthene

Concen: 36.779 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

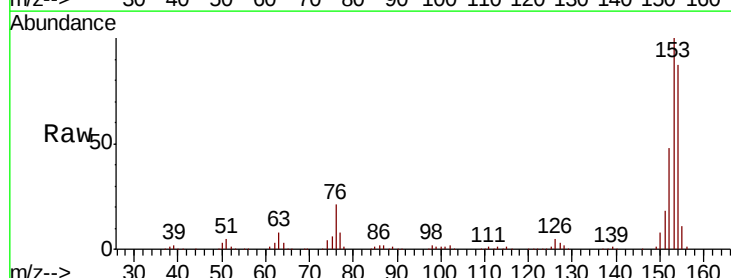
Tgt Ion:154 Resp: 605869

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.8

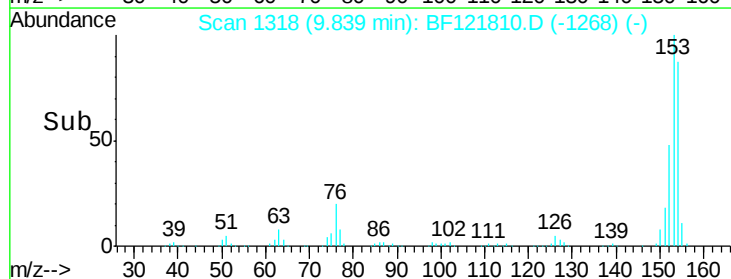
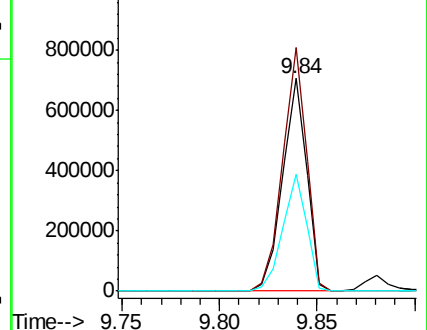
152 55.0 43.2 64.8

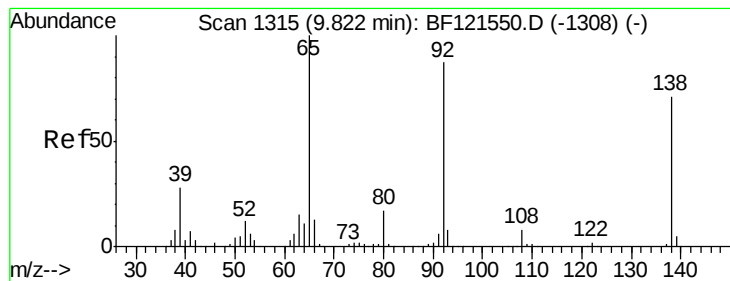


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.510 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

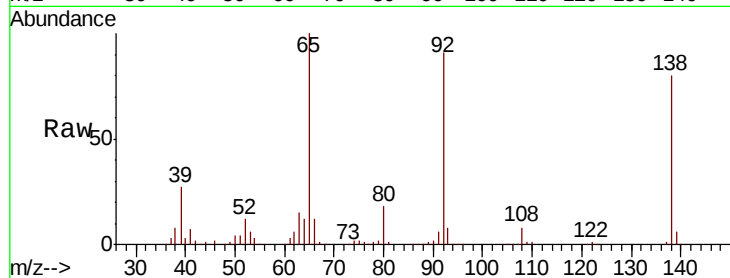
Tot Ion:138 Resp: 204528

Ion Ratio Lower Upper

138 100

108 10.1 8.6 13.0

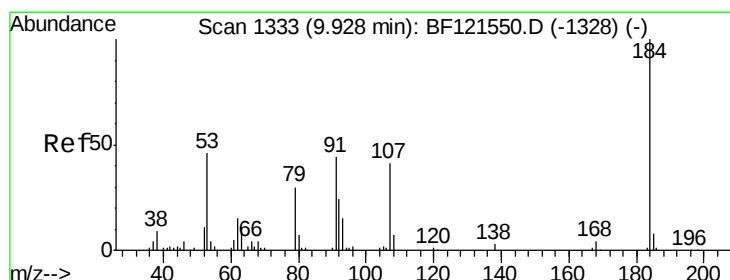
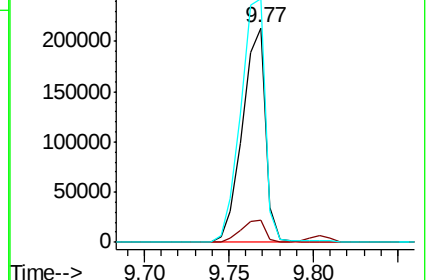
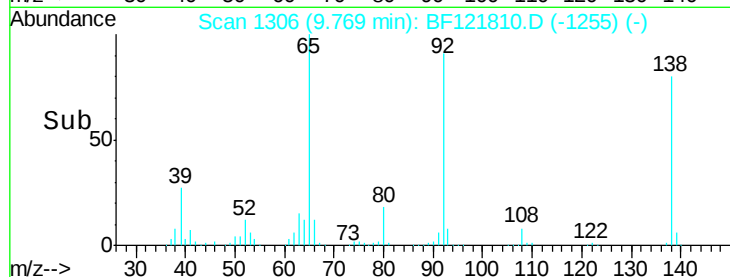
92 113.4 96.6 144.8



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: 40.054 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

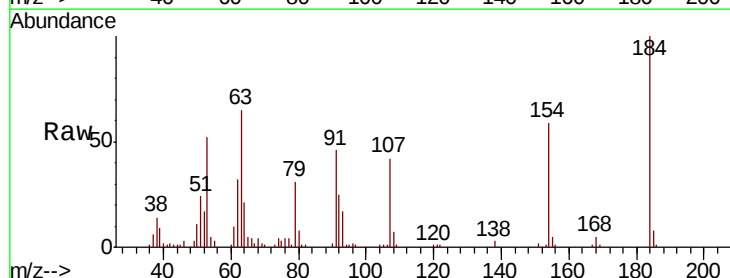
Tgt Ion:184 Resp: 83746

Ion Ratio Lower Upper

184 100

63 64.6 45.9 68.9

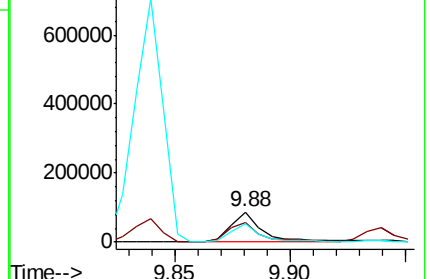
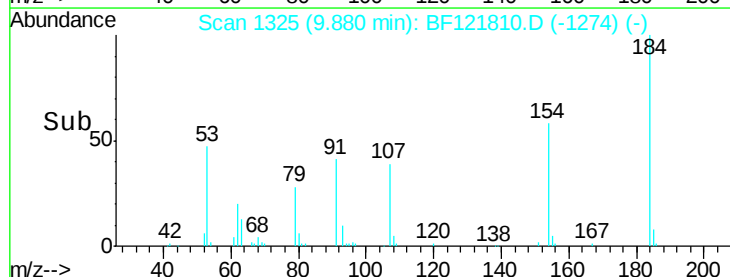
154 58.7 45.8 68.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

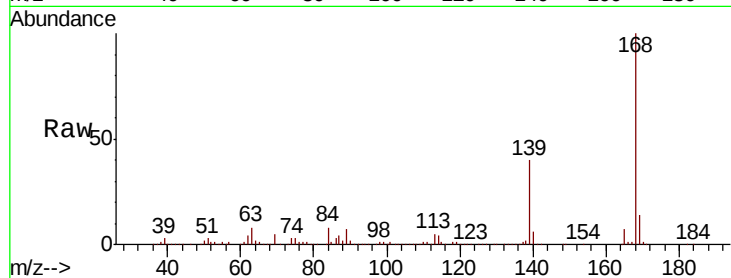




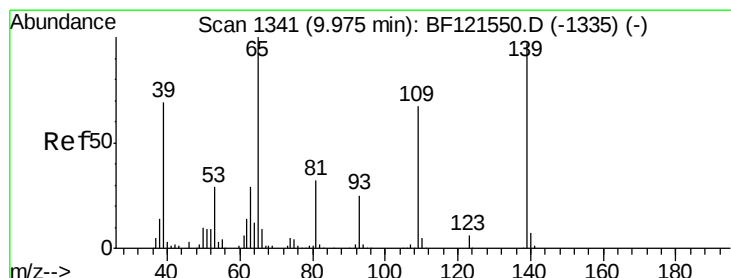
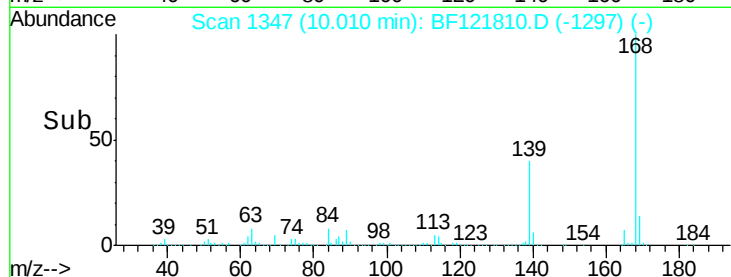
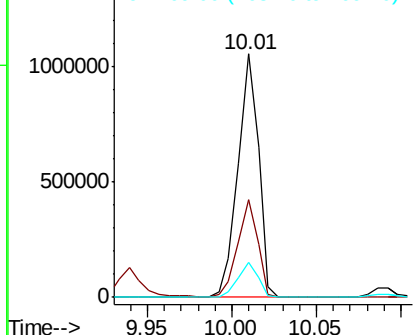
#55
Dibenzofuran
Concen: 38.354 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 889757
Ion Ratio Lower Upper
168 100
139 40.1 31.0 46.6
169 14.4 11.3 16.9

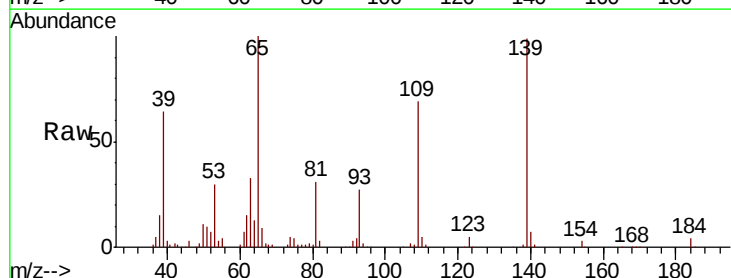


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

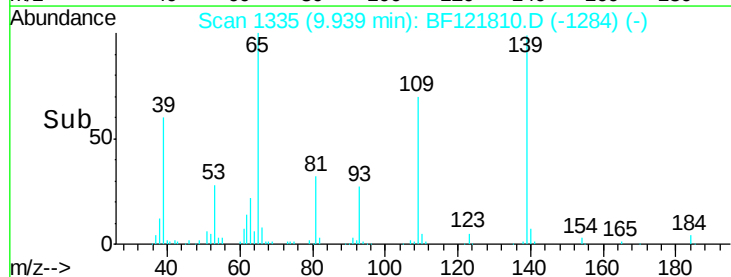
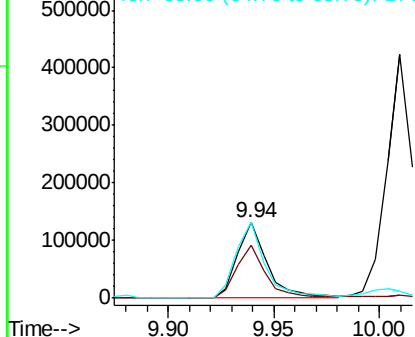


#56
4-Nitrophenol
Concen: 33.733 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:139 Resp: 129431
Ion Ratio Lower Upper
139 100
109 70.3 45.4 85.4
65 101.4 68.4 108.4



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

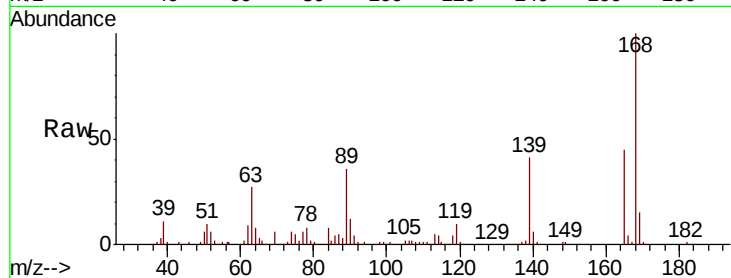




#57
2,4-Dinitrotoluene
Concen: 43.919 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	41.3	61.9
89	78.3	61.8	92.8
182	2.9	2.1	3.1

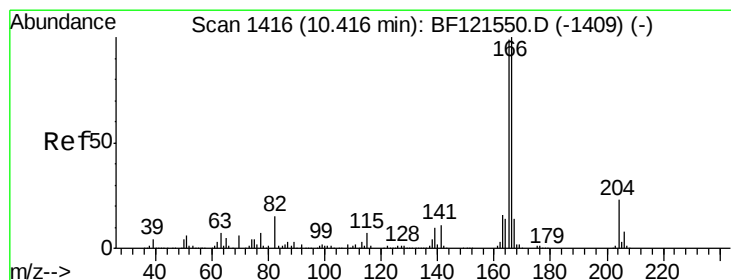
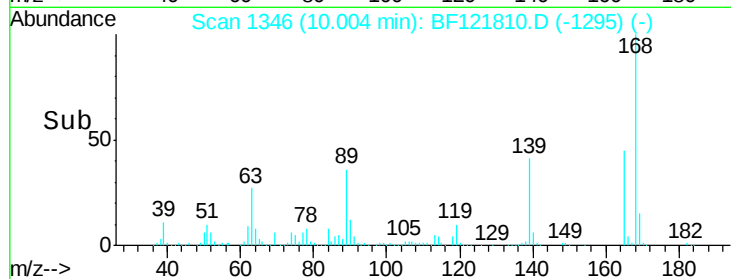
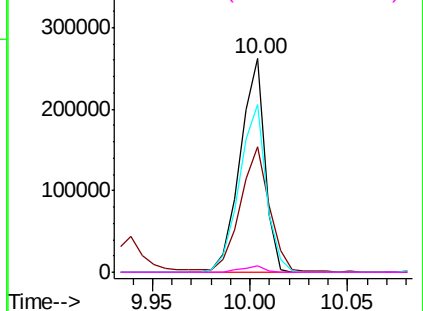


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

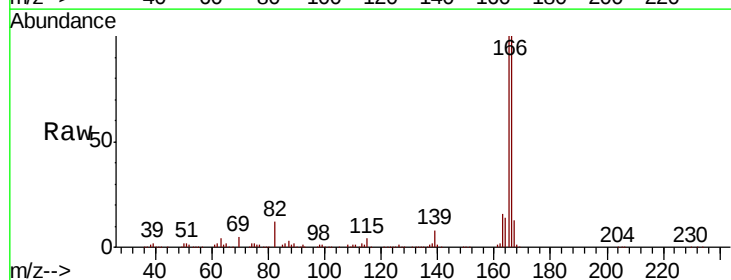
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.810 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

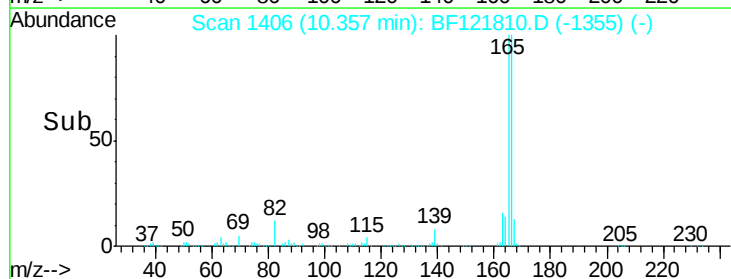
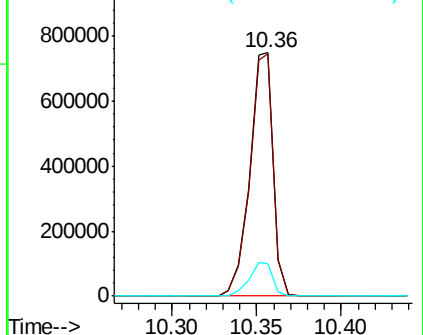
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	13.3	11.0	16.6



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

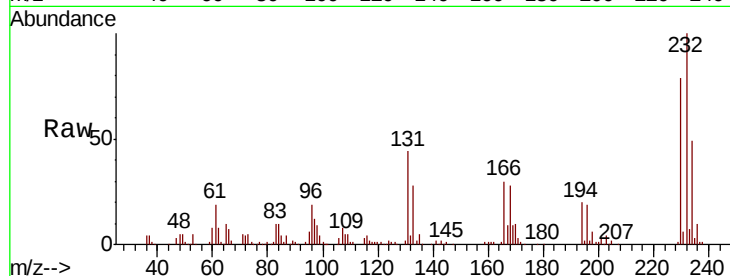




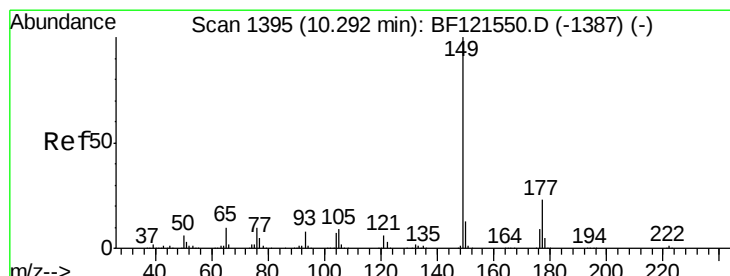
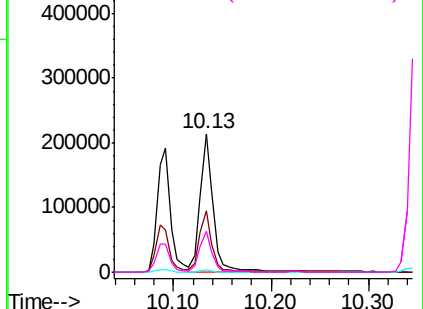
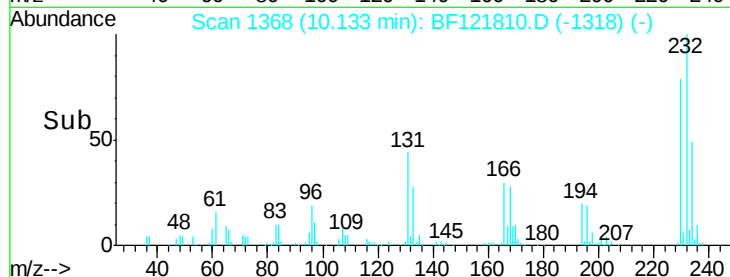
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.422 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 199024
Ion Ratio Lower Upper
232 100
131 42.5 35.9 53.9
130 2.1 1.8 2.6
166 28.4 23.5 35.3

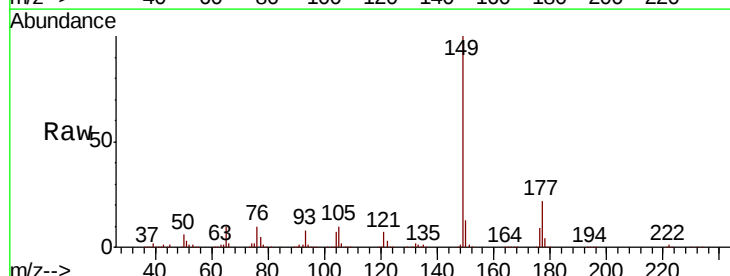


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

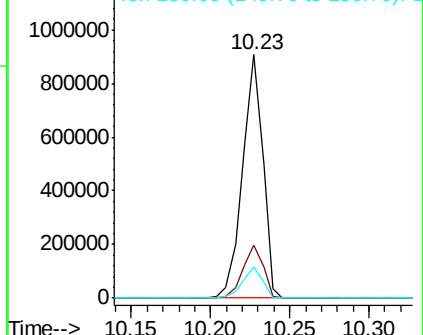
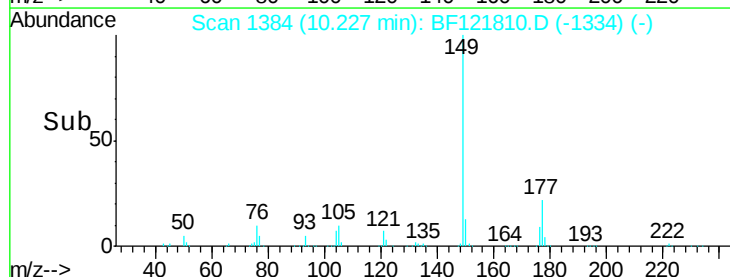


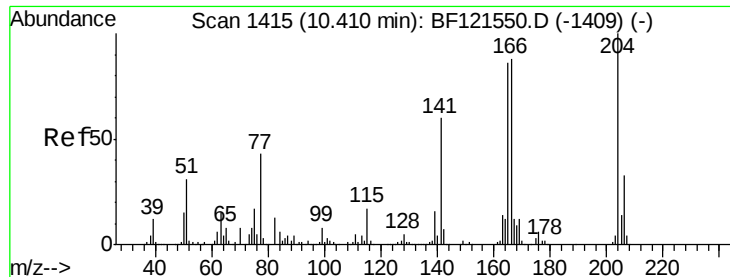
#60
Diethylphthalate
Concen: 42.103 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:149 Resp: 800542
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.6 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

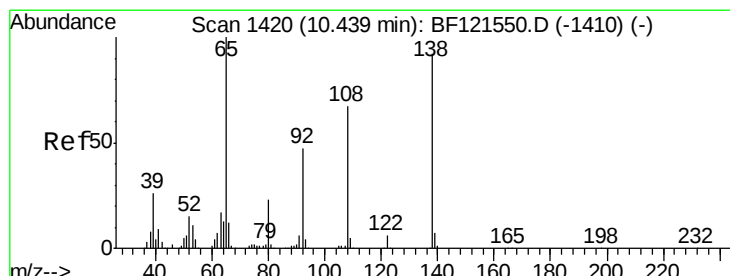
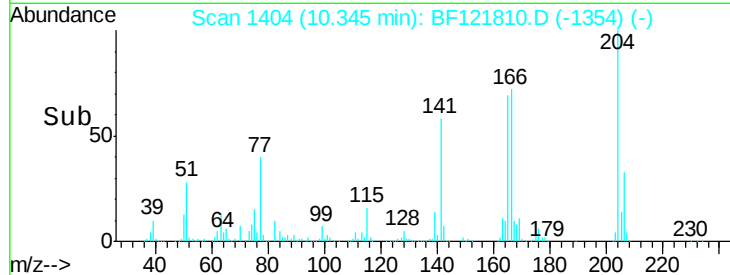
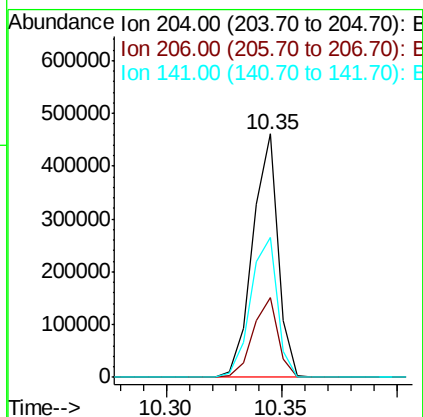
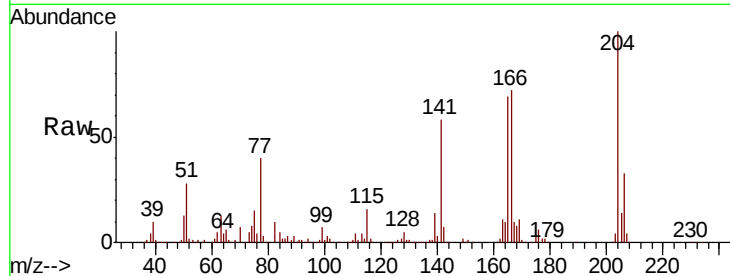




#61
 4-Chlorophenyl-phenylether
 Concen: 41.773 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

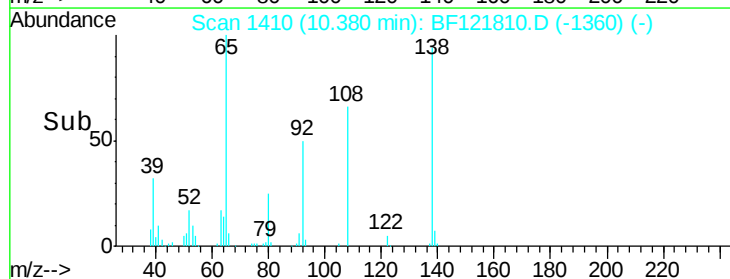
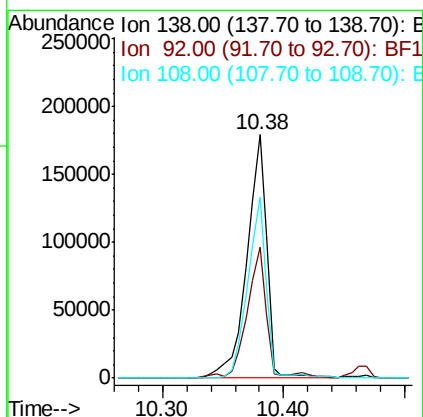
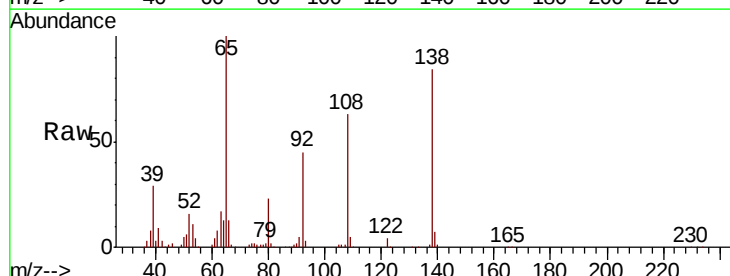
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

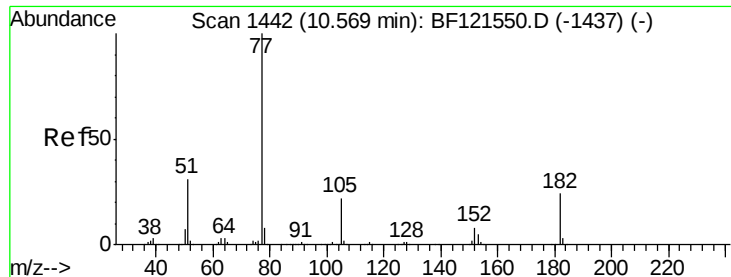
Tot Ion:	204	Resp:	355001
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	57.6	46.2	69.4



#62
 4-Nitroaniline
 Concen: 43.362 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion:	138	Resp:	207145
Ion	Ratio	Lower	Upper
138	100		
92	53.6	31.0	71.0
108	74.4	51.5	91.5





#63

Azobenzene

Concen: 40.824 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 826604

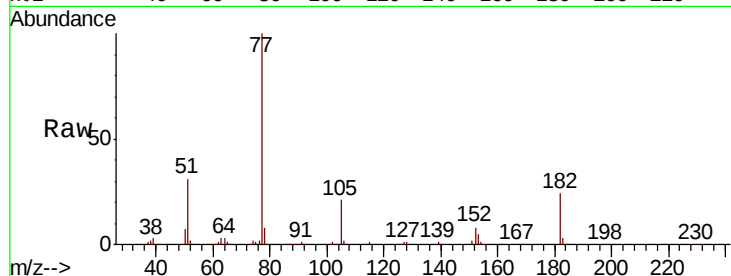
Ion Ratio Lower Upper

77 100

182 23.6 3.4 43.4

105 21.3 1.7 41.7

51 31.2 11.6 51.6

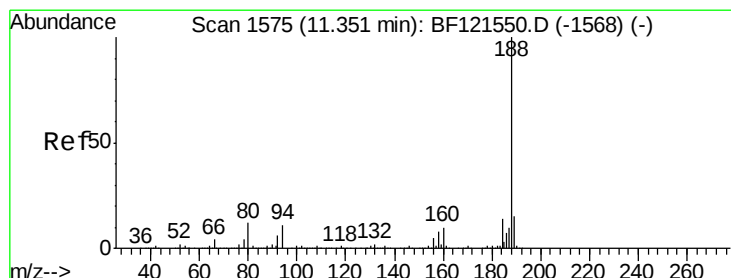
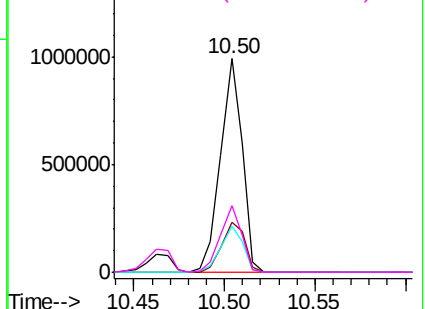
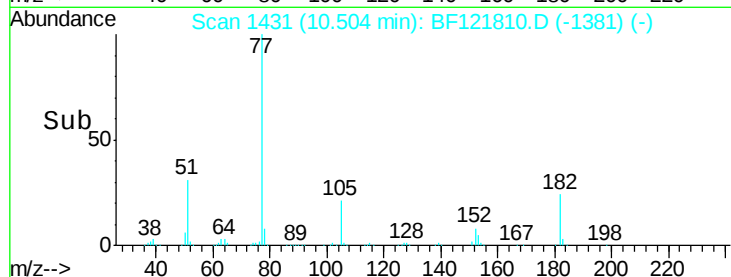


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

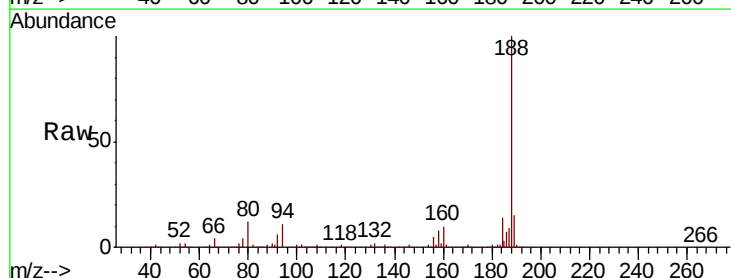
Tgt Ion: 188 Resp: 513745

Ion Ratio Lower Upper

188 100

94 11.1 8.3 12.5

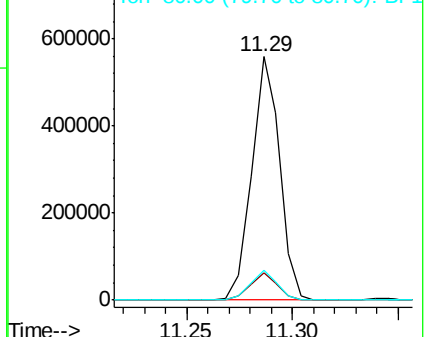
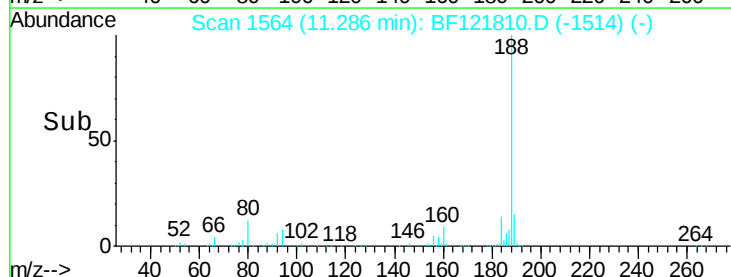
80 12.1 9.1 13.7

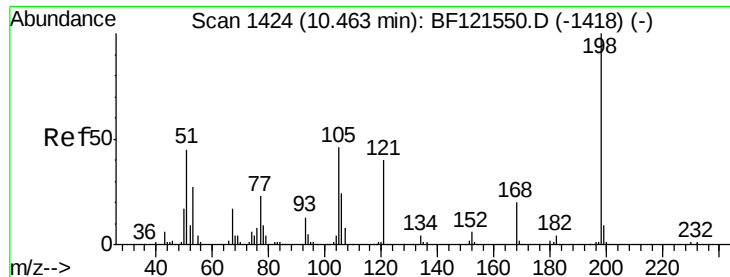


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

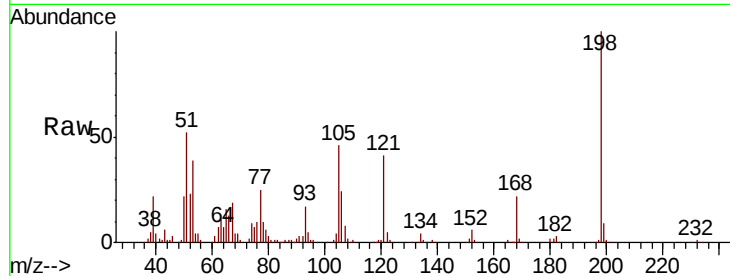




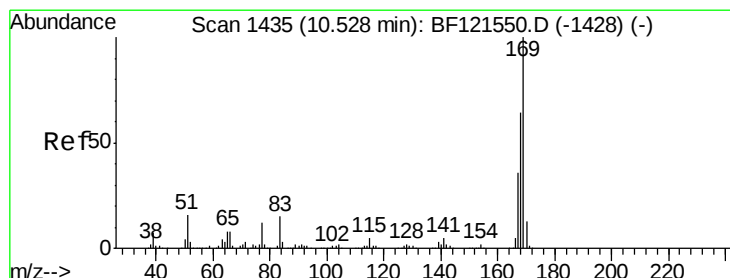
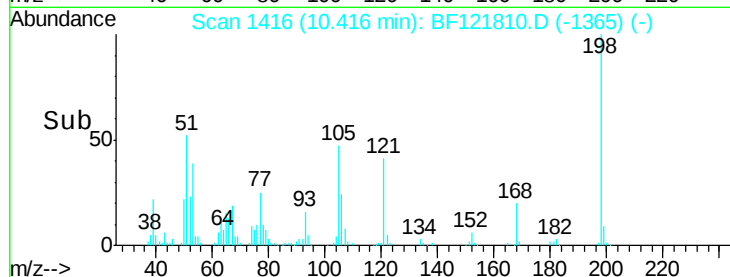
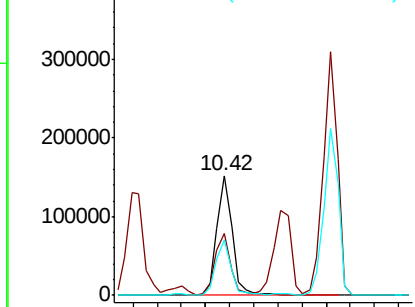
#65
4,6-Dinitro-2-methylphenol
Concen: 43.320 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 134112
Ion Ratio Lower Upper
198 100
51 51.7 29.6 69.6
105 46.4 24.4 64.4

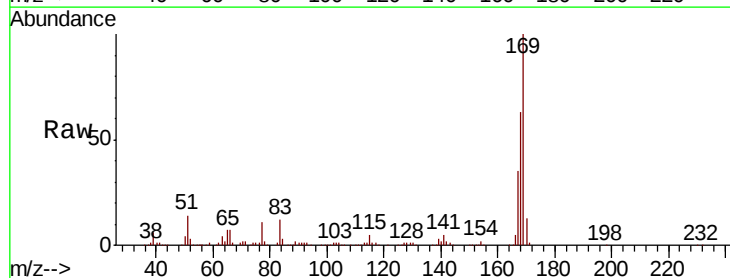


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

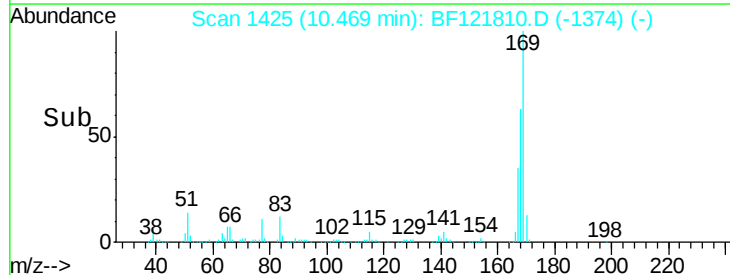
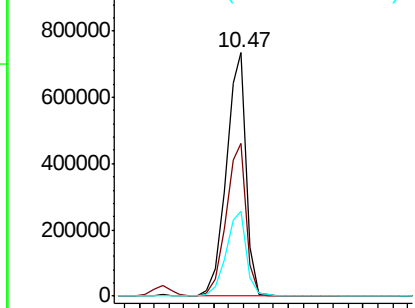


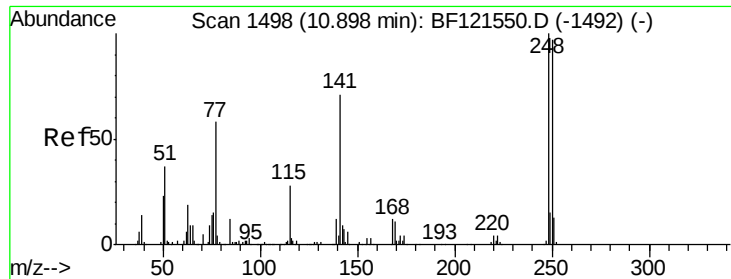
#66
n-Nitrosodiphenylamine
Concen: 39.147 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:169 Resp: 689974
Ion Ratio Lower Upper
169 100
168 62.9 50.0 75.0
167 35.1 27.8 41.6



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

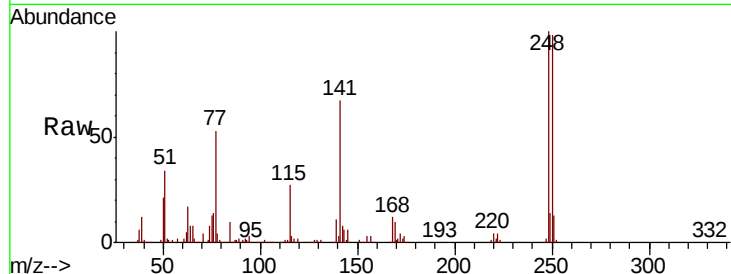




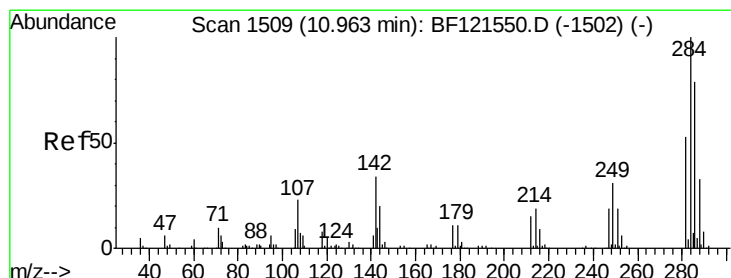
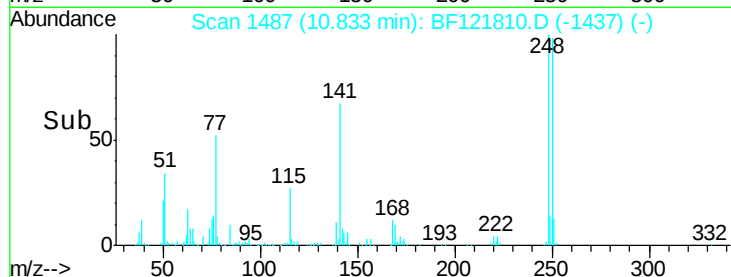
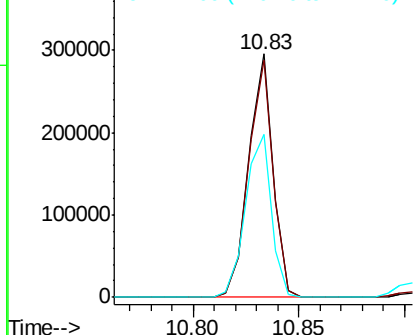
#67
4-Bromophenyl-phenylether
Concen: 40.690 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 238006
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 66.9 53.7 80.5

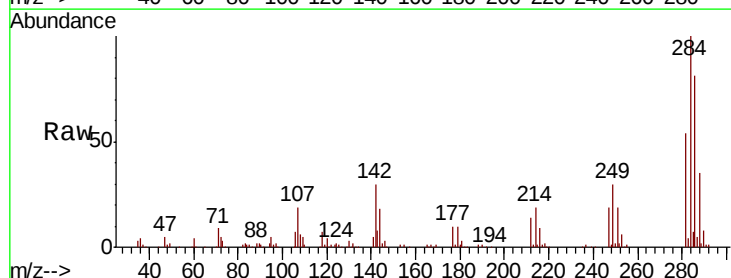


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

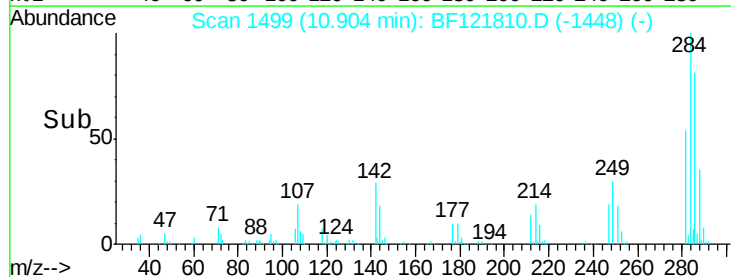
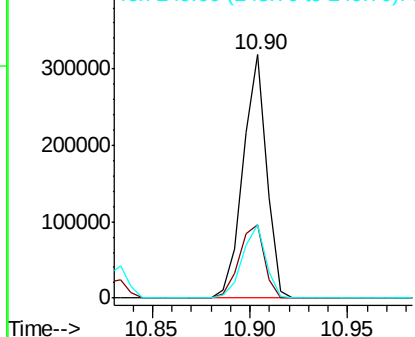


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:284 Resp: 265808
Ion Ratio Lower Upper
284 100
142 30.0 27.4 41.2
249 30.1 24.2 36.4



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

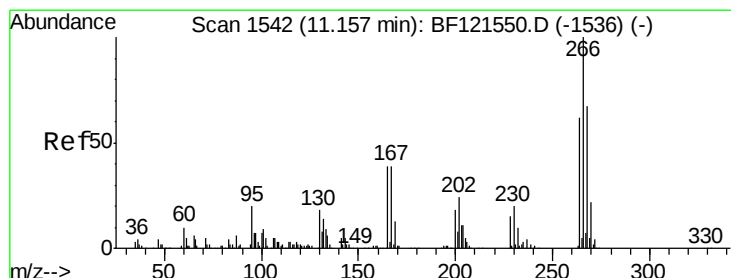
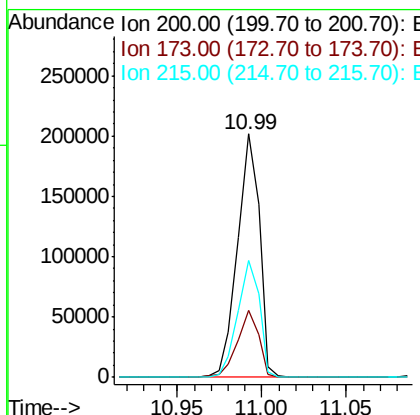
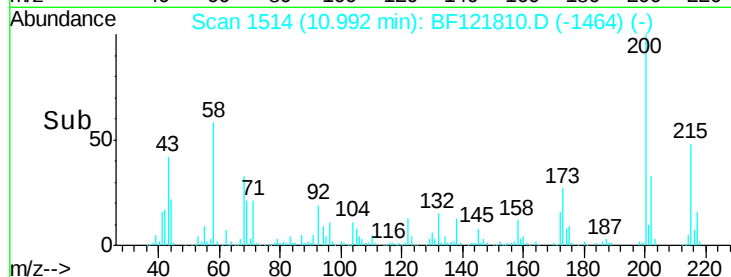
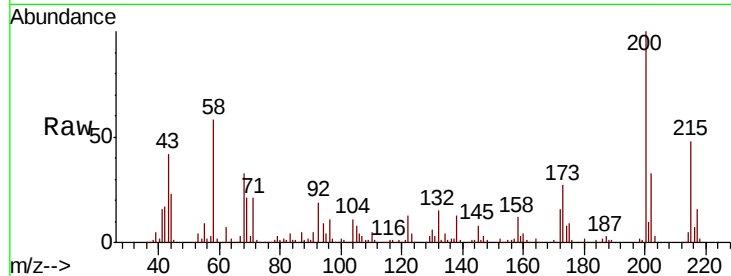




#69
Atrazine
Concen: 41.735 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

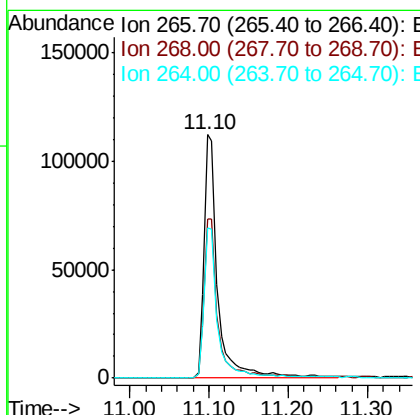
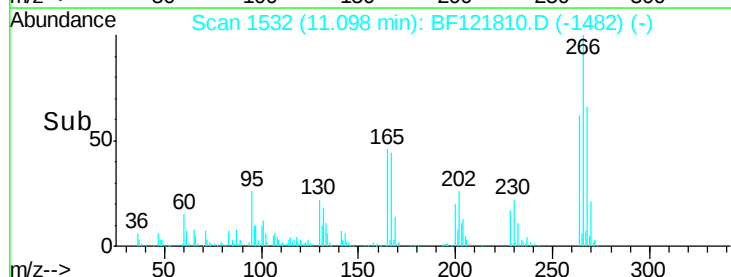
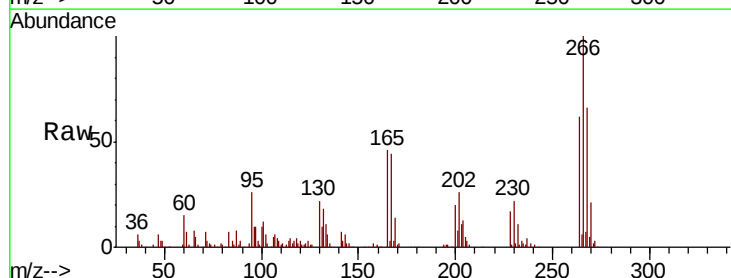
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

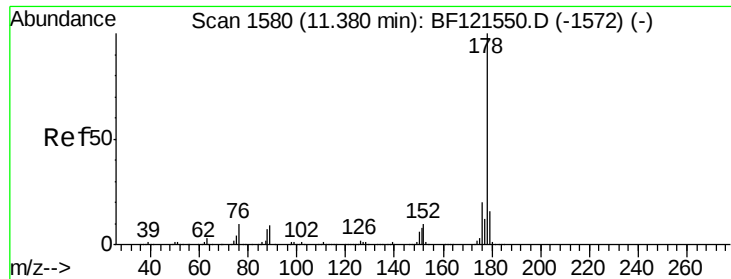
Tot Ion:200 Resp: 182753
Ion Ratio Lower Upper
200 100
173 27.3 7.5 47.5
215 47.9 27.1 67.1



#70
Pentachlorophenol
Concen: 38.323 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:266 Resp: 138929
Ion Ratio Lower Upper
266 100
268 65.5 52.4 78.6
264 61.8 49.9 74.9





#71

Phenanthrene

Concen: 38.992 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

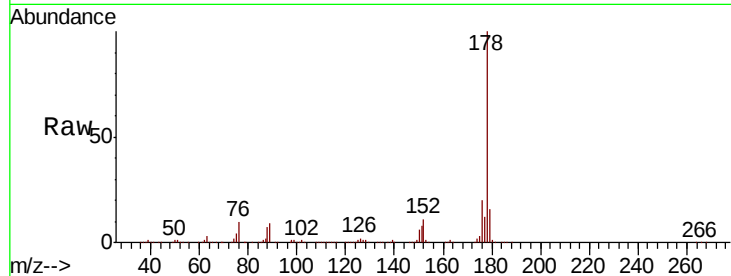
Tot Ion:178 Resp: 1091427

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	12.2	18.4

178 100

176 20.0 15.9 23.9

179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

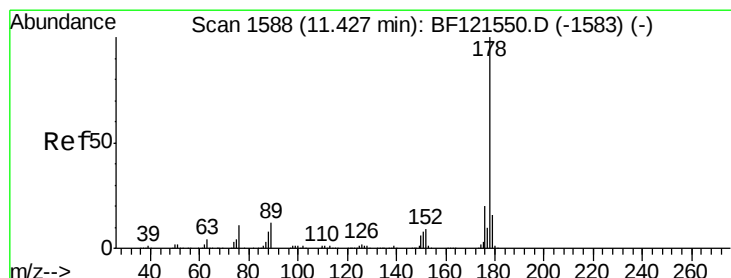
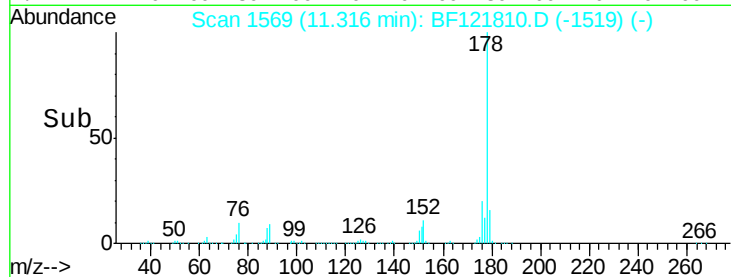
11.32

1000000

500000

0

Time--> 11.25 11.30 11.35



#72

Anthracene

Concen: 39.231 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

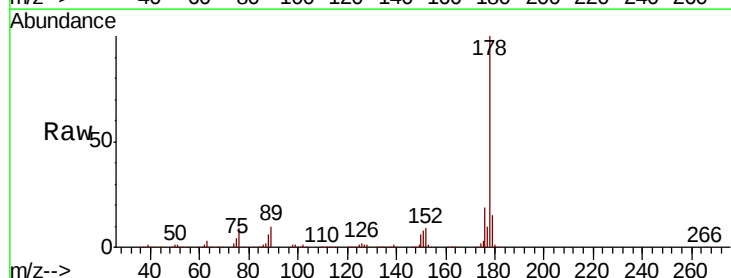
Tgt Ion:178 Resp: 1133209

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.7	19.1

178 100

176 19.5 15.7 23.5

179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.37

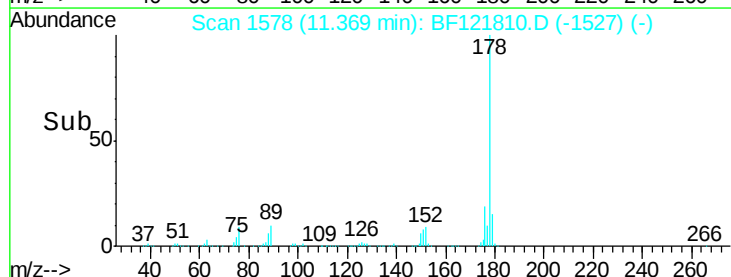
1500000

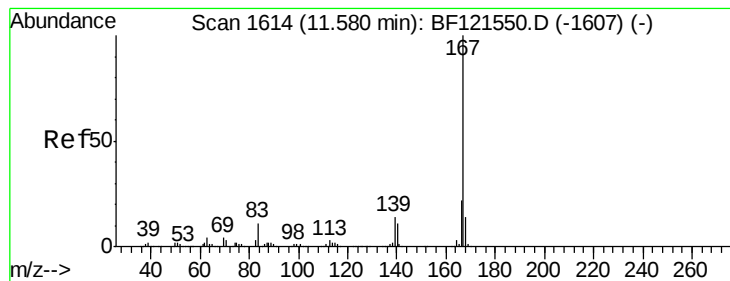
1000000

500000

0

Time--> 11.30 11.40 11.50





#73

Carbazole

Concen: 39.334 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

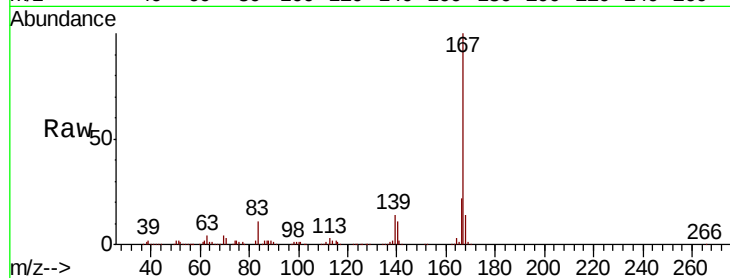
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1025306

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.6	10.8	16.2

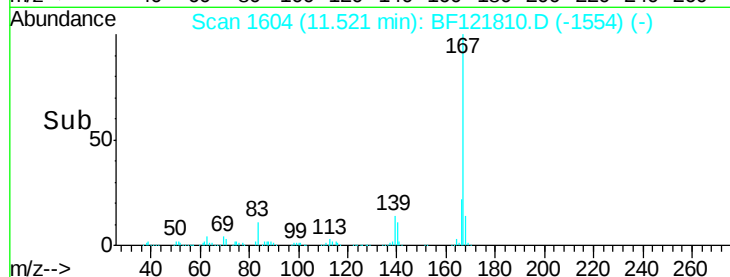


Abundance

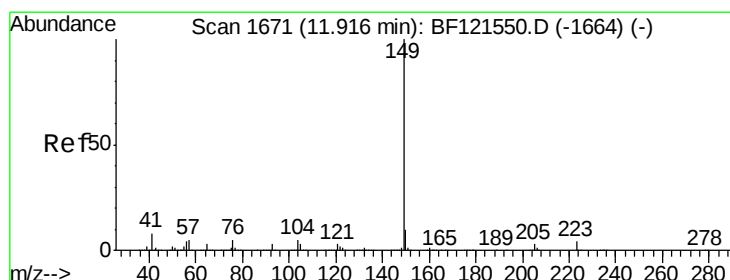
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.032 ng

RT: 11.85 min Scan# 1660

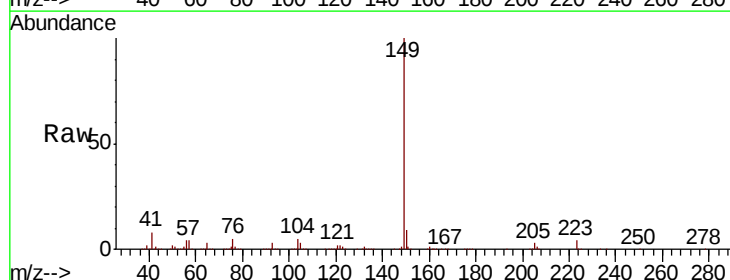
Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Tgt Ion:149 Resp: 1264532

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.2

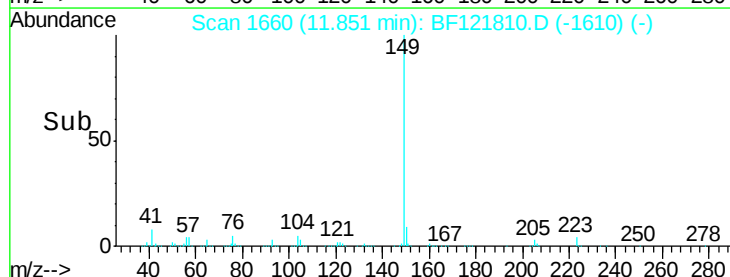


Abundance

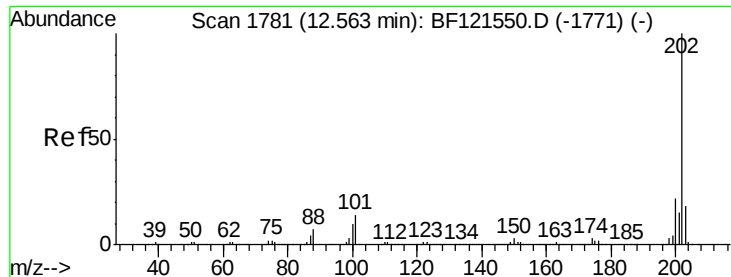
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



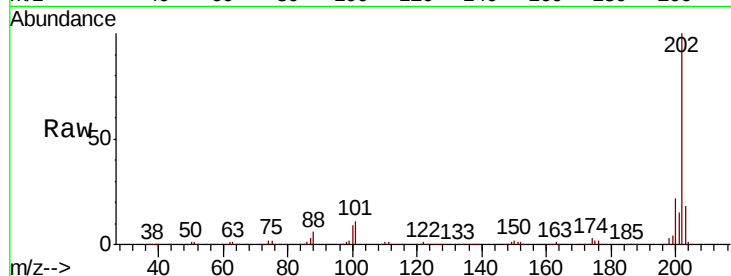
Time-->



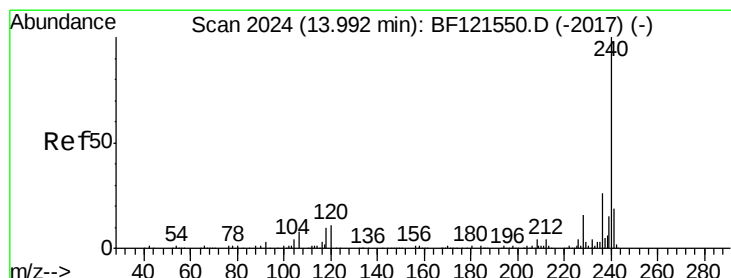
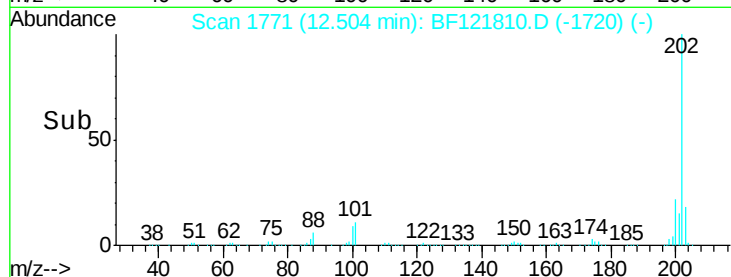
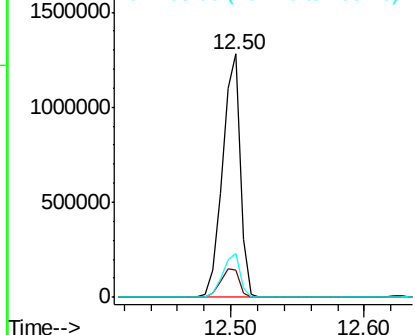
#75
 Fluoranthene
 Concen: 40.240 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1202375
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 33.4
 203 17.8 0.0 37.9

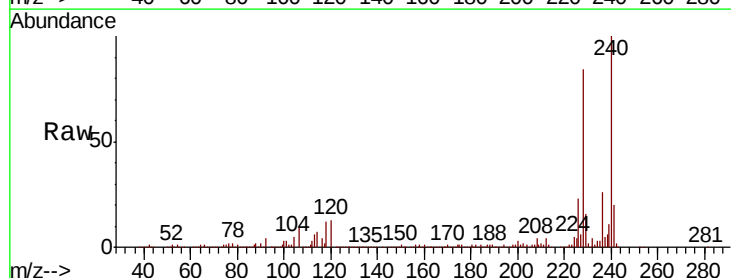


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

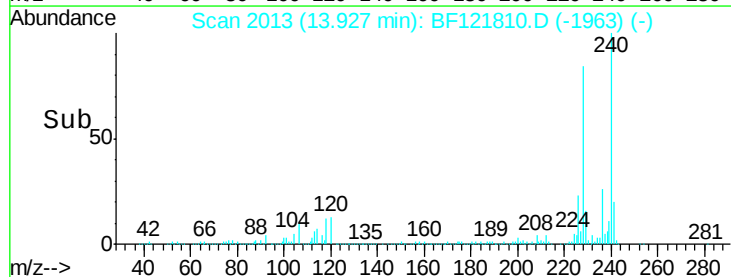
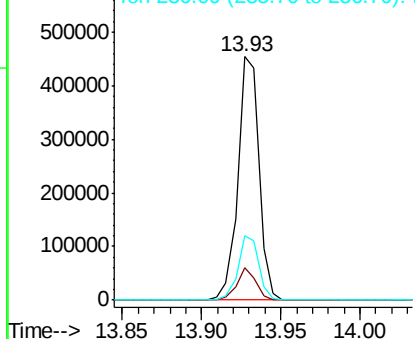


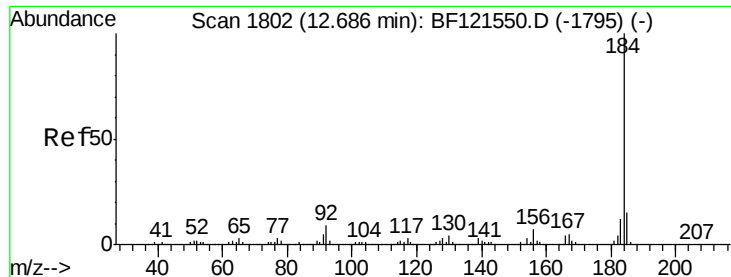
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion:240 Resp: 418752
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.2 13.8
 236 26.4 20.9 31.3



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





#77

Benzidine

Concen: 57.494 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

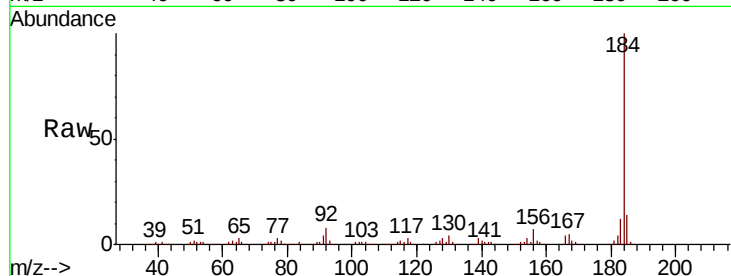
Tot Ion:184 Resp: 798154

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

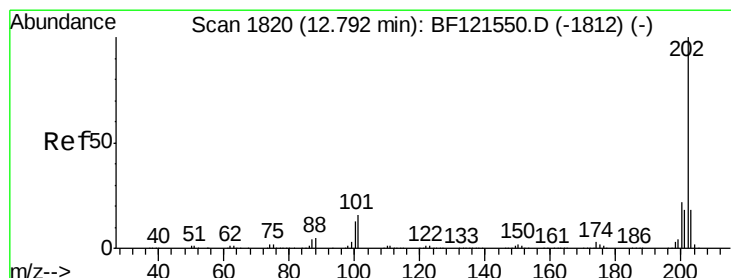
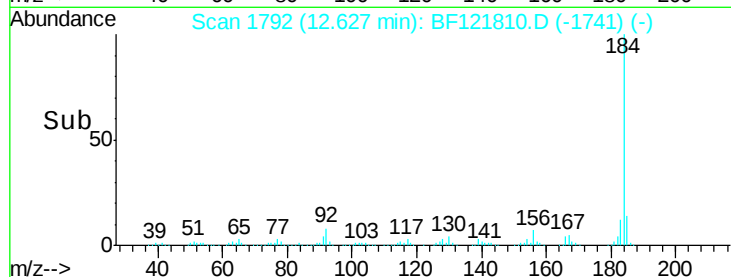
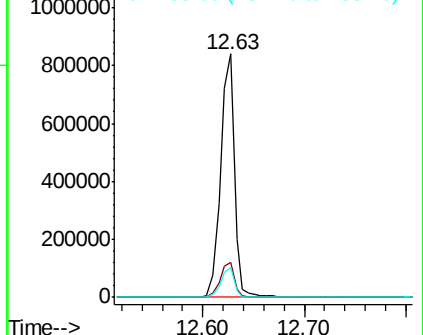
183 12.0 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.072 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

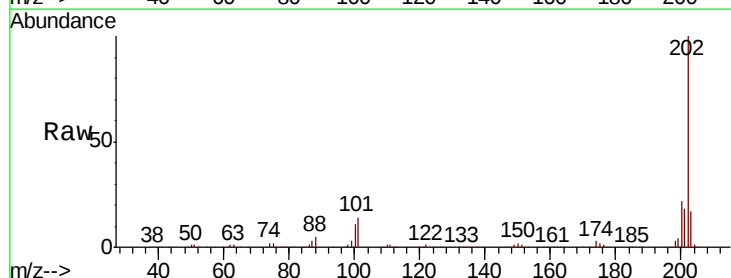
Tgt Ion:202 Resp: 1226019

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

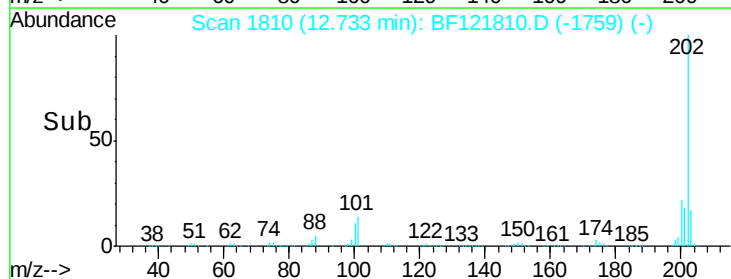
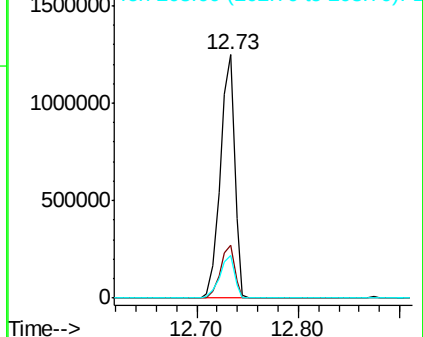
203 17.3 14.6 21.8



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: 80.521 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

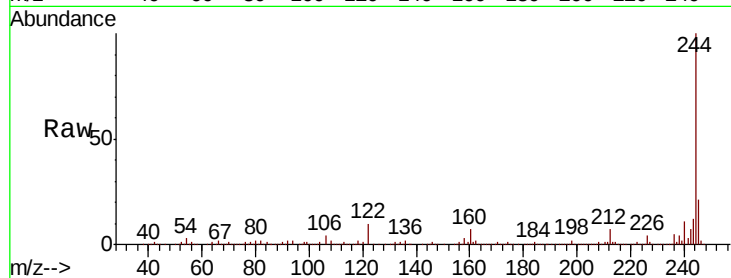
Tot Ion:244 Resp: 1664370

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

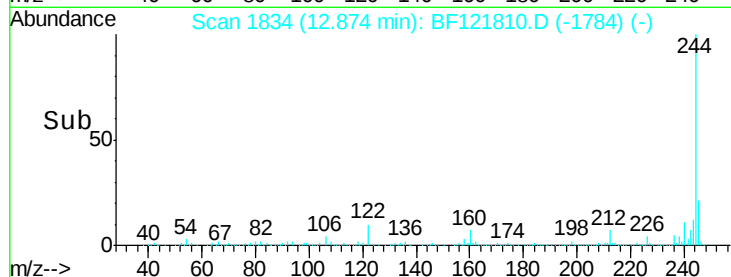
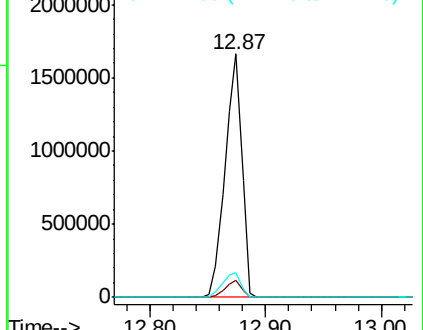
122 10.3 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.370 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

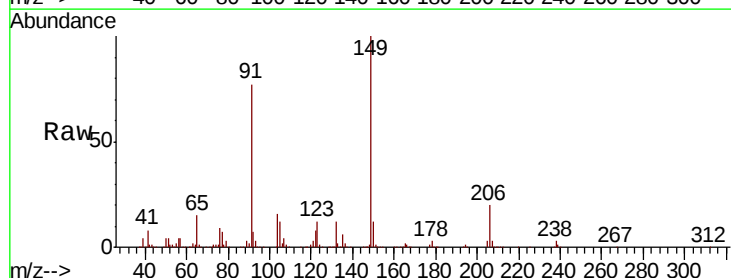
Tgt Ion:149 Resp: 549020

Ion Ratio Lower Upper

149 100

91 77.1 61.0 91.4

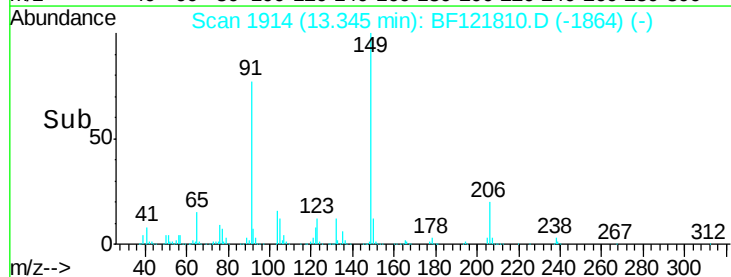
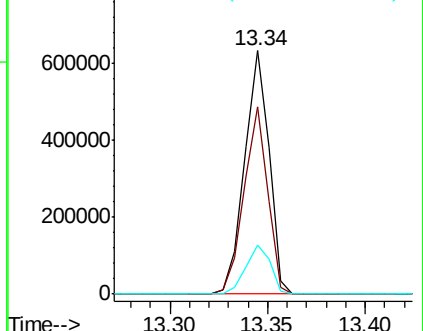
206 20.2 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.523 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

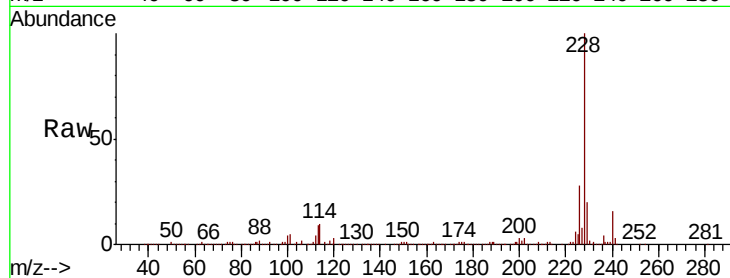
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1100034

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	16.2	24.4

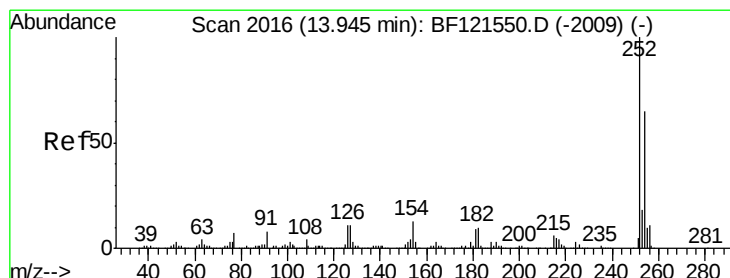
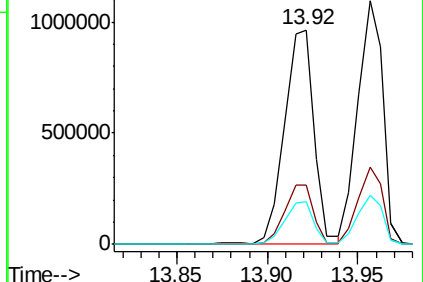
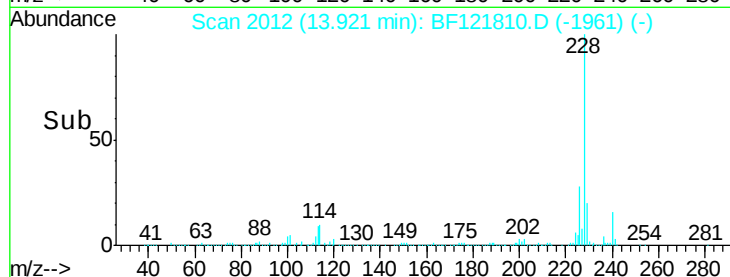


Abundance

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: 42.425 ng

RT: 13.88 min Scan# 2005

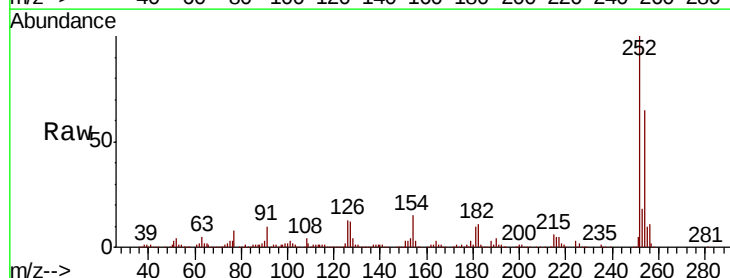
Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Tgt Ion:252 Resp: 438791

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	12.8	8.8	13.2

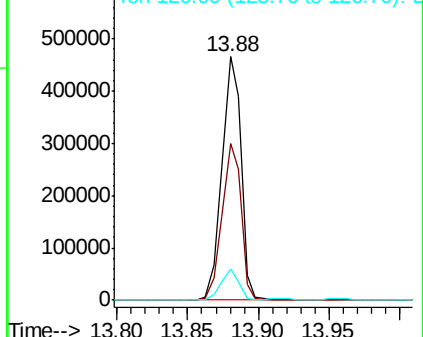
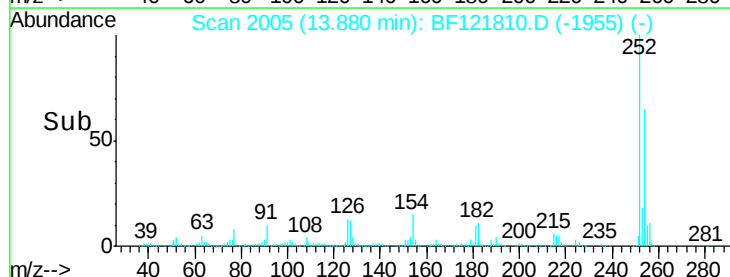


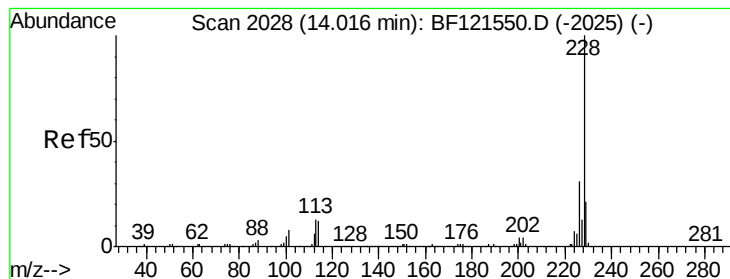
Abundance

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

Chrvsene

Concen: 39.540 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

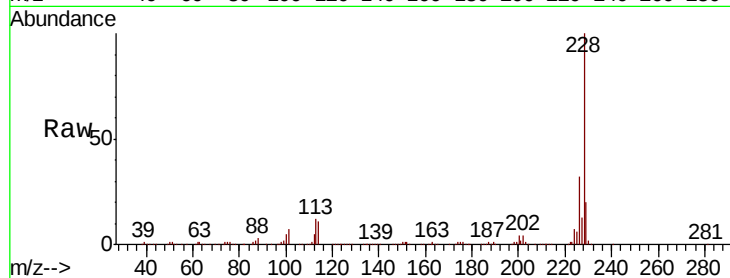
Tot Ion:228 Resp: 1060737

Ion Ratio Lower Upper

228 100

226 31.5 24.6 37.0

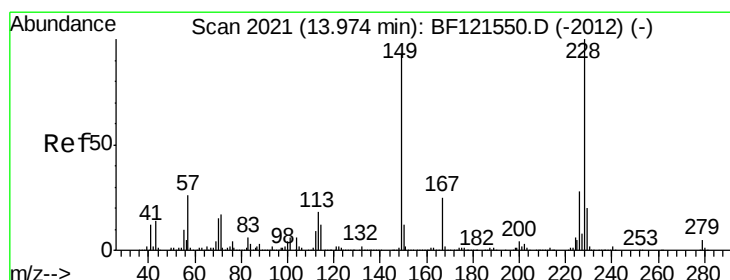
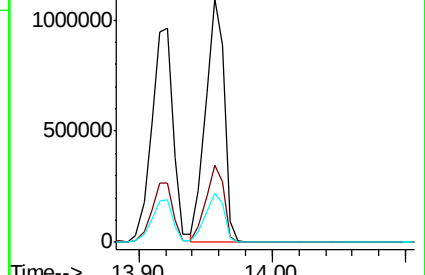
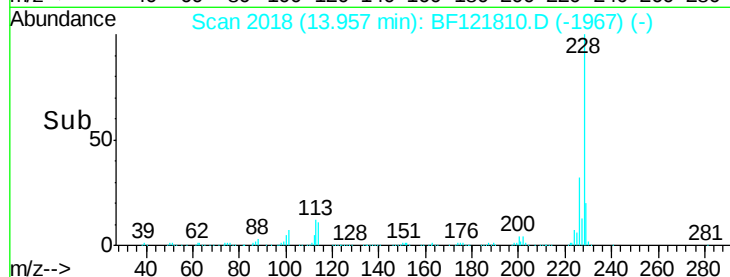
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.166 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

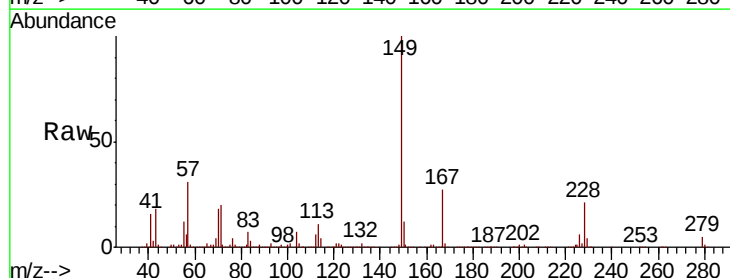
Tgt Ion:149 Resp: 746603

Ion Ratio Lower Upper

149 100

167 26.7 20.9 31.3

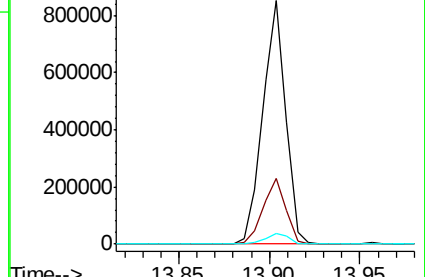
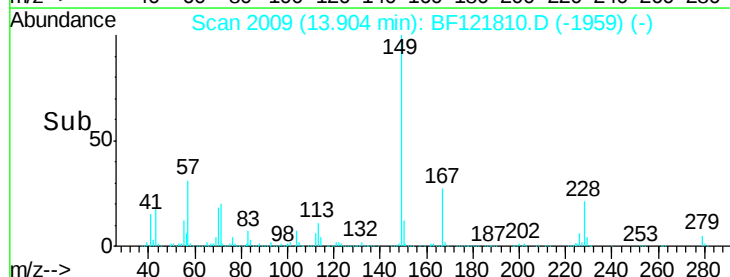
279 4.6 3.2 4.8

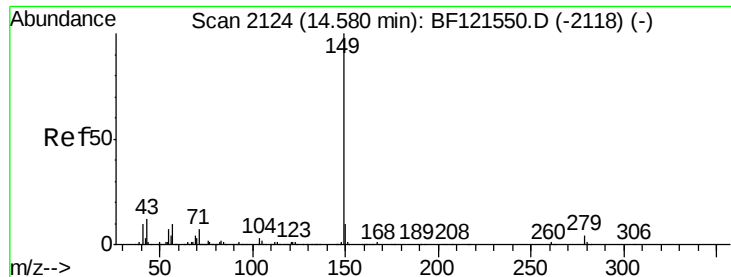


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

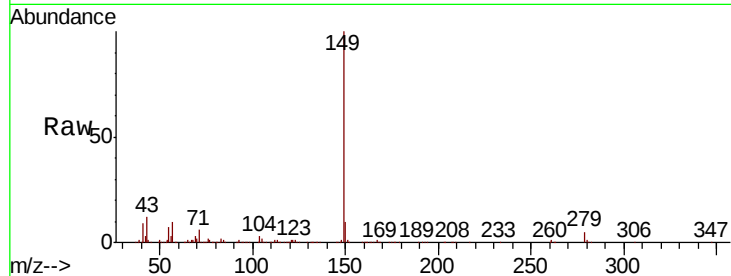




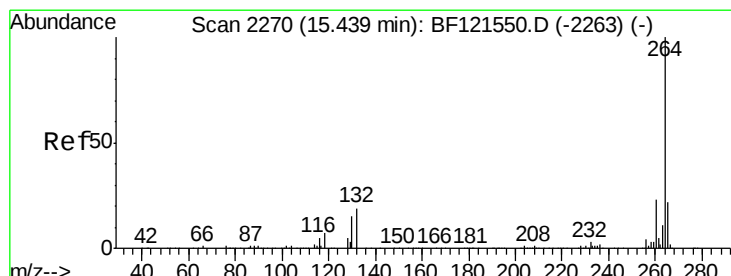
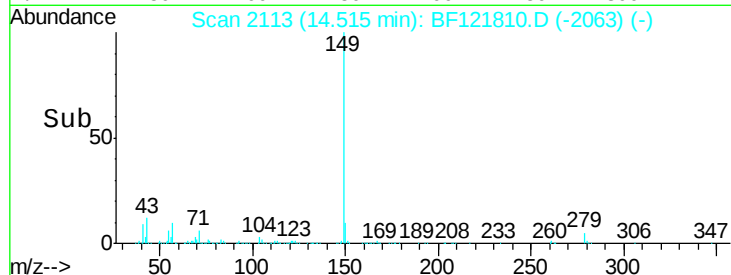
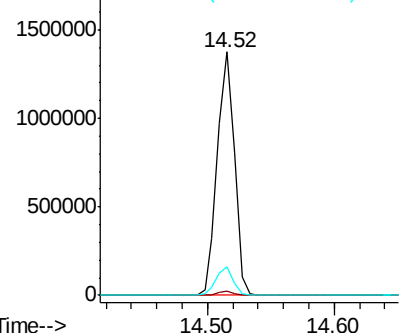
#85
Di-n-octyl phthalate
Concen: 43.916 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1281161
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.0 13.6

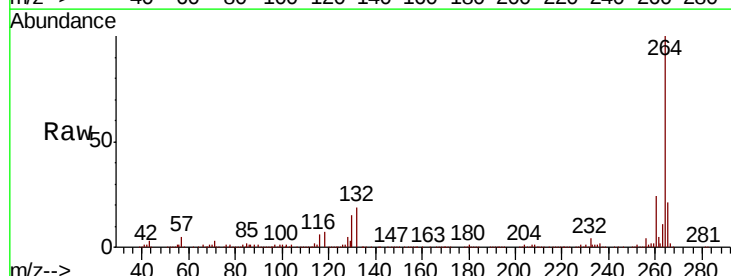


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

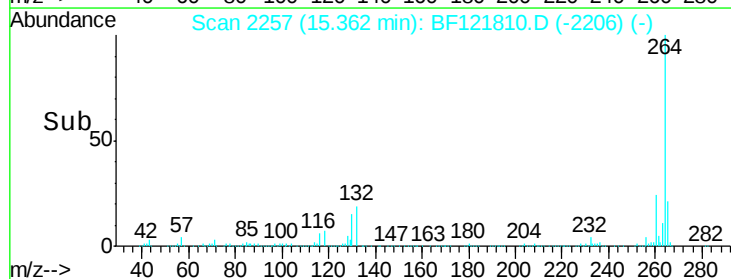
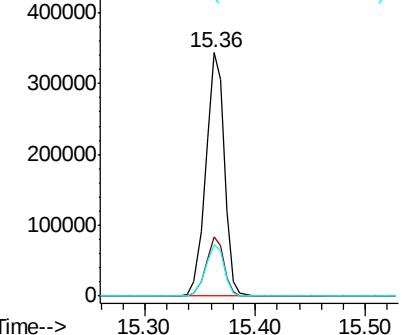


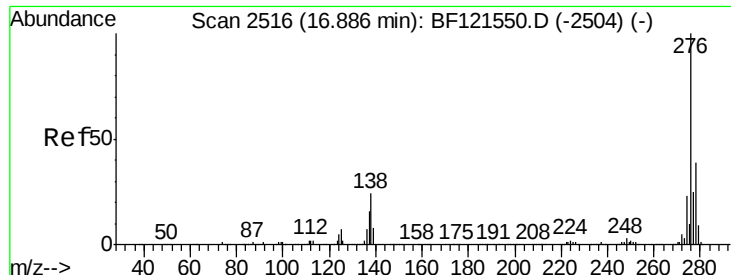
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:264 Resp: 402546
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.4 17.3 25.9



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

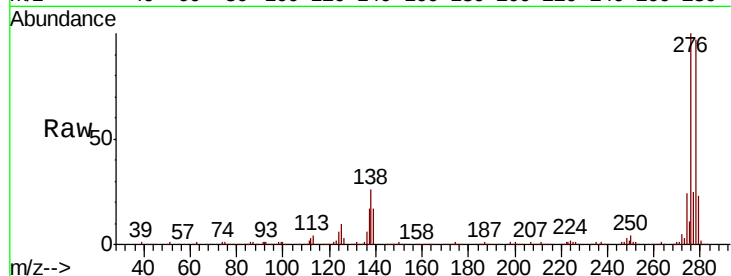




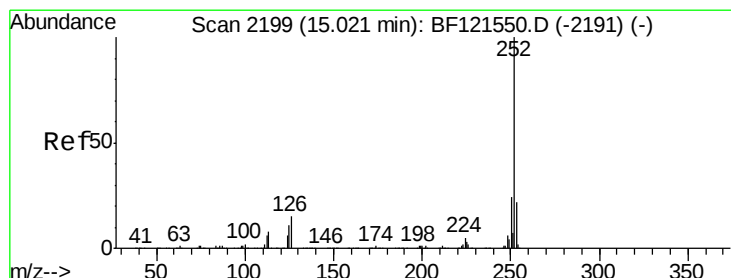
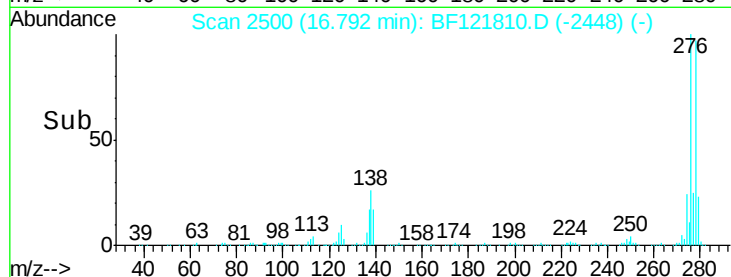
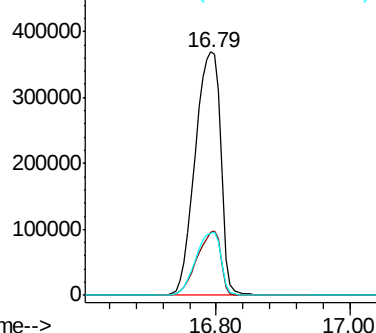
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.389 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1006365
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.9 29.9
 277 25.3 20.4 30.6

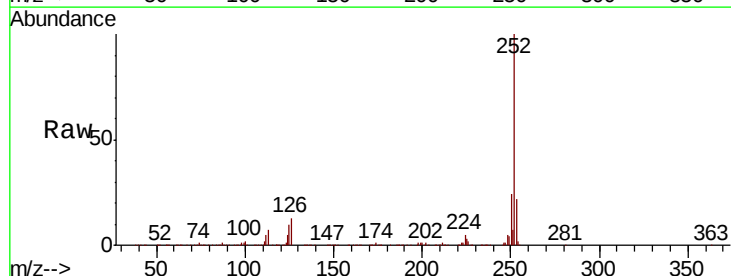


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

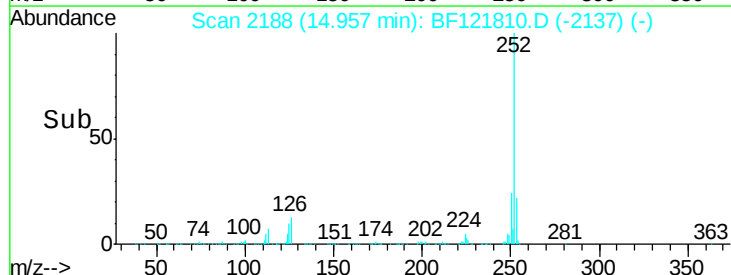
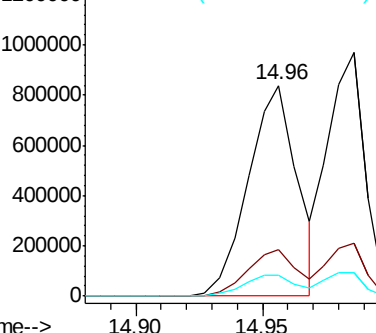


#88
 Benzo(b)fluoranthene
 Concen: 41.725 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121810.D
 Acq: 5 Oct 2020 10:28

Tgt Ion:252 Resp: 1122855
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.2
 125 10.1 8.0 12.0



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

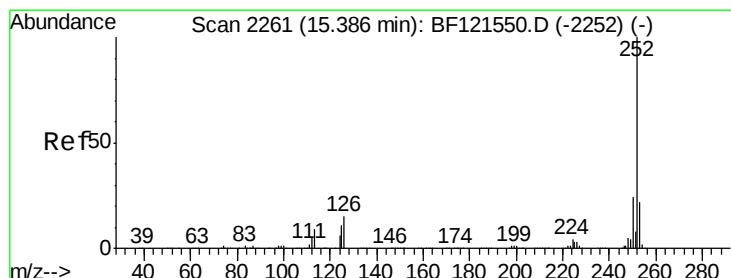
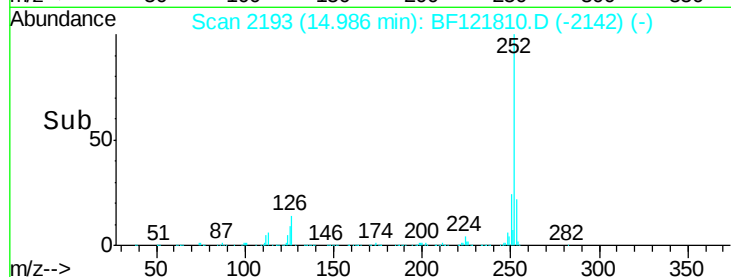
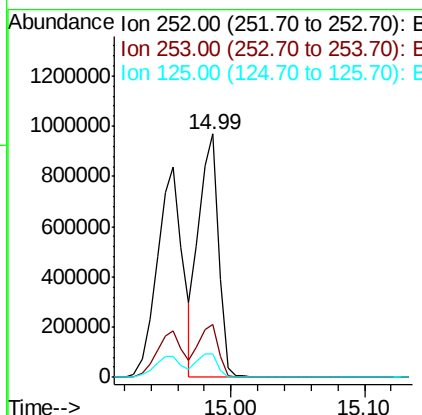
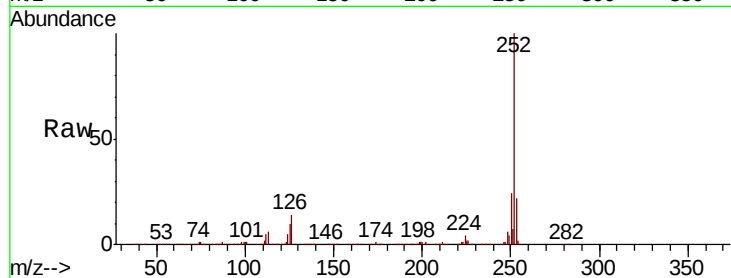




#89
Benzo(k)fluoranthene
Concen: 39.824 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

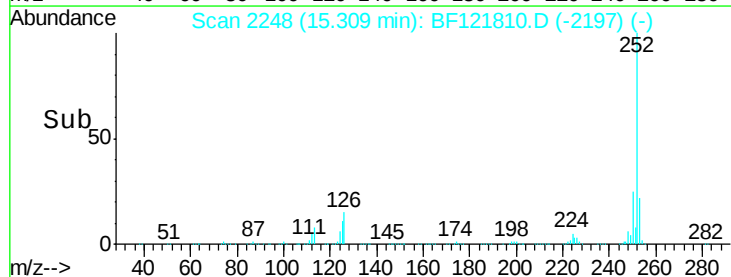
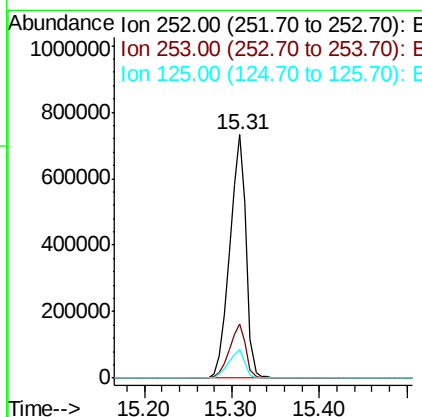
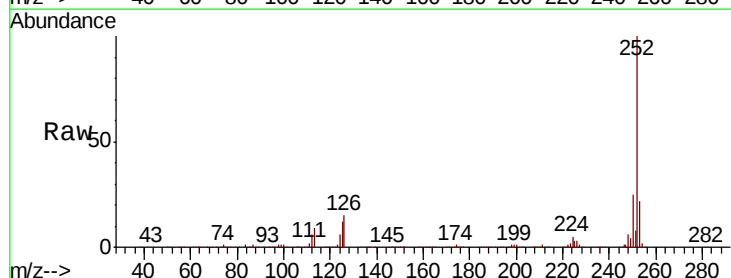
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

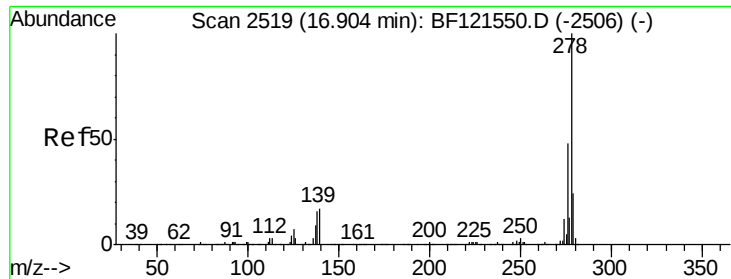
Tot Ion:252 Resp: 981380
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.923 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121810.D
Acq: 5 Oct 2020 10:28

Tgt Ion:252 Resp: 936113
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.291 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

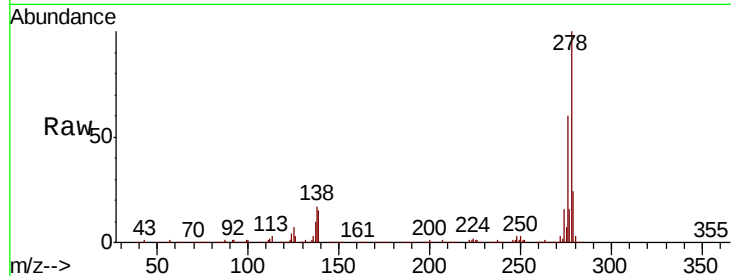
Tot Ion:278 Resp: 835594

Ion Ratio Lower Upper

278 100

139 14.9 13.0 19.4

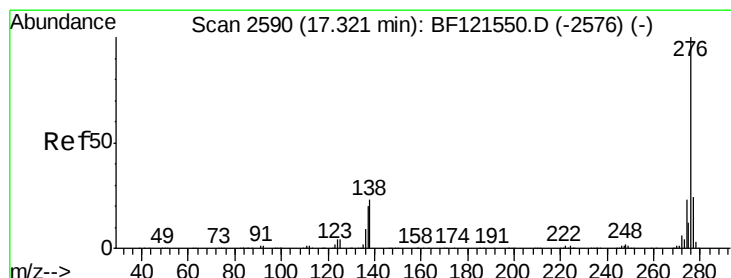
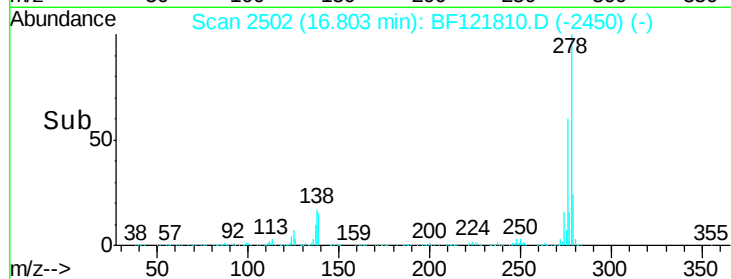
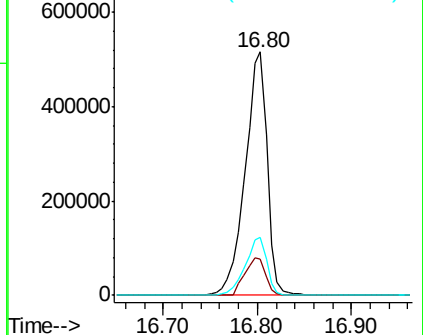
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.500 ng

RT: 17.22 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BF121810.D

Acq: 5 Oct 2020 10:28

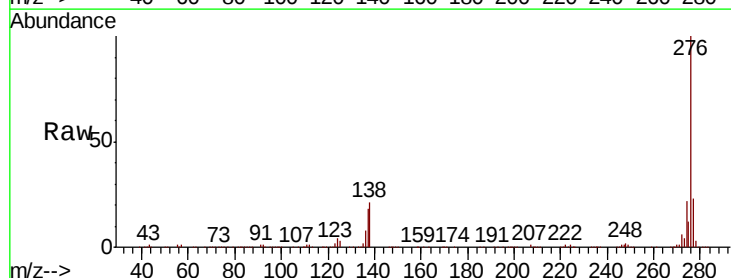
Tgt Ion:276 Resp: 804406

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.2

138 20.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

