

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122230.D
 Acq On : 2 Nov 2020 17:24
 Operator : JU/CG
 Sample : L4541-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124031MSD

Quant Time: Nov 02 18:10:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	75027	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	303665	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	160298	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	314884	20.00	ng	0.00
76) Chrysene-d12	13.886	240	223039	20.00	ng	0.00
86) Perylene-d12	15.321	264	215524	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	648276	127.53	ng	0.00
7) Phenol-d6	6.369	99	787266	120.31	ng	0.00
23) Nitrobenzene-d5	7.281	82	513385	86.70	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	253449	127.82	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	802410	73.65	ng	0.00
79) Terphenyl-d14	12.816	244	854657	73.03	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.399	88	91612	40.98	ng	99
3) Pyridine	3.128	79	259819	44.20	ng	99
4) n-Nitrosodimethylamine	3.081	42	137750	48.48	ng	93
6) Aniline	6.381	93	183861	22.82	ng	# 1
8) 2-Chlorophenol	6.504	128	253258	49.29	ng	98
9) Benzaldehyde	6.269	77	76309	17.29	ng	98
10) Phenol	6.381	94	358700	53.12	ng	94
11) bis(2-Chloroethyl)ether	6.445	93	241231	46.21	ng	100
12) 1,3-Dichlorobenzene	6.645	146	268405	46.44	ng	99
13) 1,4-Dichlorobenzene	6.722	146	274103	47.24	ng	100
14) 1,2-Dichlorobenzene	6.875	146	250221	47.17	ng	98
15) Benzyl Alcohol	6.869	79	218685	51.67	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.981	45	366419	45.61	ng	85
17) 2-Methylphenol	6.992	107	207066	47.14	ng	# 88
18) Hexachloroethane	7.210	117	100091	47.76	ng	96
19) n-Nitroso-di-n-propyla...	7.134	70	186691	50.11	ng	99
20) 3+4-Methylphenols	7.151	107	282689	53.36	ng	# 59
22) Acetophenone	7.128	105	353209	45.21	ng	# 89
24) Nitrobenzene	7.304	77	286715	45.30	ng	97
25) Isophorone	7.539	82	490282	43.79	ng	99
26) 2-Nitrophenol	7.616	139	135941	46.64	ng	90
27) 2,4-Dimethylphenol	7.663	122	223546	44.99	ng	96
28) bis(2-Chloroethoxy)met...	7.745	93	302529	43.19	ng	99
29) 2,4-Dichlorophenol	7.875	162	217965	46.85	ng	99
30) 1,2,4-Trichlorobenzene	7.939	180	213537	43.16	ng	100
31) Naphthalene	8.016	128	723636	44.48	ng	100
32) Benzoic acid	7.845	122	121928	43.75	ng	94
33) 4-Chloroaniline	8.086	127	91770	13.24	ng	98
34) Hexachlorobutadiene	8.122	225	130443	44.47	ng	100
35) Caprolactam	8.463	113	47847	32.38	ng	95
36) 4-Chloro-3-methylphenol	8.581	107	243187	48.67	ng	98
37) 2-Methylnaphthalene	8.704	142	474069	45.00	ng	98
38) 1-Methylnaphthalene	8.804	142	436909	44.78	ng	100
40) 1,2,4,5-Tetrachloroben...	8.875	216	223938	43.28	ng	100
41) Hexachlorocyclopentadiene	8.851	237	63175	50.94	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	146292	45.83	ng	98

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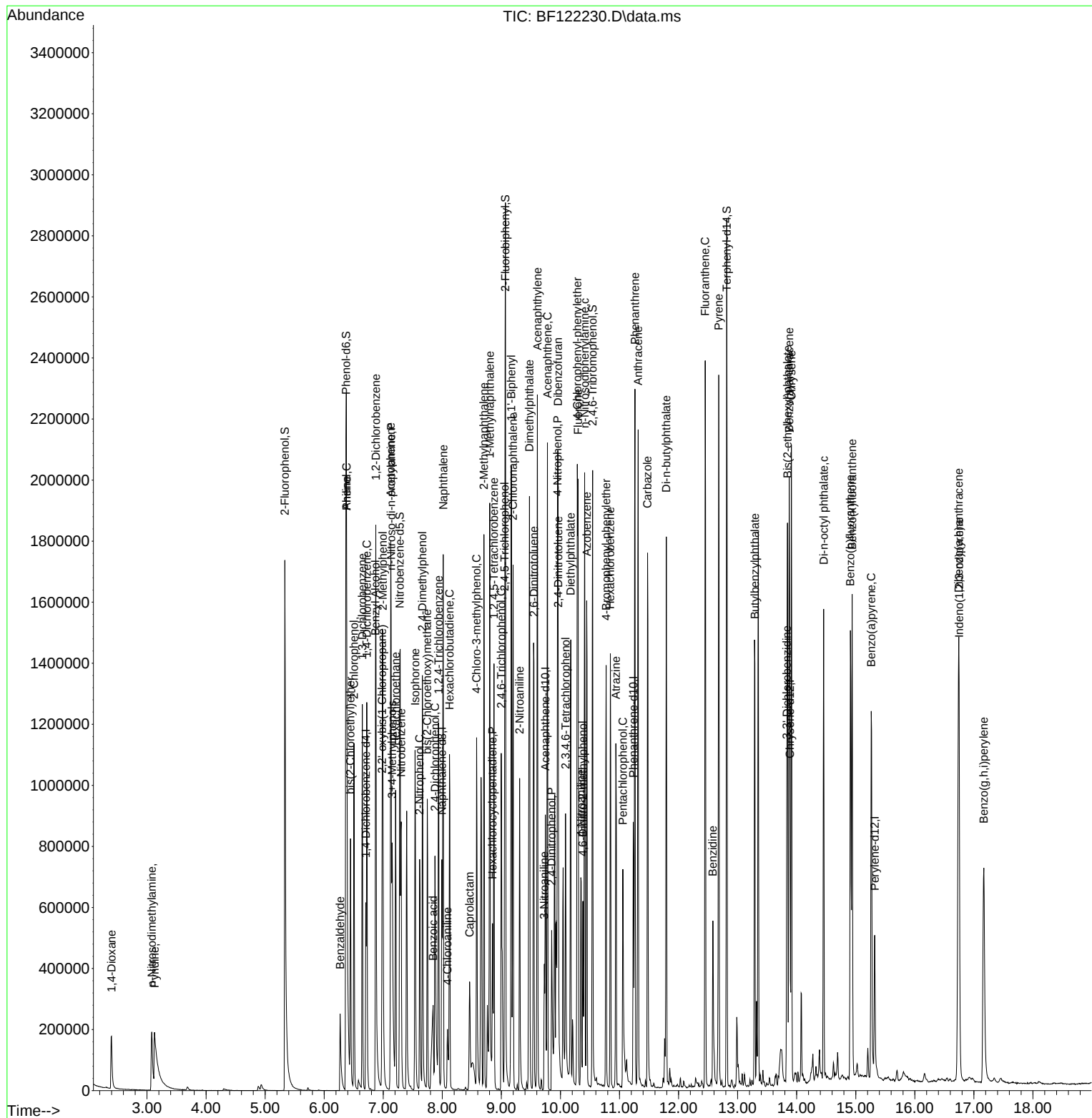
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	146953	42.63	ng	99
46) 1,1'-Biphenyl	9.169	154	567953	43.58	ng	99
47) 2-Chloronaphthalene	9.198	162	448909	44.29	ng	99
48) 2-Nitroaniline	9.310	65	166793	49.89	ng	95
49) Acenaphthylene	9.610	152	697043	44.78	ng	100
50) Dimethylphthalate	9.475	163	664185	56.66	ng	99
51) 2,6-Dinitrotoluene	9.551	165	117873	45.84	ng	97
52) Acenaphthene	9.780	154	421089	45.47	ng	99
53) 3-Nitroaniline	9.728	138	65858	22.52	ng	98
54) 2,4-Dinitrophenol	9.851	184	100733	77.12	ng	# 85
55) Dibenzofuran	9.957	168	620655	45.83	ng	96
56) 4-Nitrophenol	9.951	139	412016	259.01	ng	# 20
57) 2,4-Dinitrotoluene	9.963	165	164727	52.04	ng	92
58) Fluorene	10.298	166	519684	47.63	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	132126	49.54	ng	97
60) Diethylphthalate	10.175	149	527214	46.64	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	243771	46.59	ng	96
62) 4-Nitroaniline	10.351	138	122859	42.05	ng	93
63) Azobenzene	10.445	77	560178	46.86	ng	97
65) 4,6-Dinitro-2-methylph...	10.380	198	85367	41.16	ng	95
66) n-Nitrosodiphenylamine	10.410	169	477281	44.00	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	159243	43.77	ng	97
68) Hexachlorobenzene	10.845	284	183201	44.49	ng	98
69) Atrazine	10.939	200	126149	47.56	ng	99
70) Pentachlorophenol	11.057	266	122629	76.17	ng	96
71) Phenanthrene	11.263	178	826154	47.85	ng	100
72) Anthracene	11.316	178	826765	46.17	ng	99
73) Carbazole	11.474	167	744289	46.75	ng	98
74) Di-n-butylphthalate	11.792	149	828971	45.25	ng	99
75) Fluoranthene	12.451	202	985114	53.21	ng	99
77) Benzidine	12.580	184	251440	36.57	ng	99
78) Pyrene	12.680	202	957597	56.34	ng	100
80) Butylbenzylphthalate	13.292	149	337196	50.03	ng	95
81) Benzo(a)anthracene	13.874	228	735681	50.34	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	143450	26.46	ng	100
83) Chrysene	13.910	228	705256	49.15	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	433665	47.39	ng	100
85) Di-n-octyl phthalate	14.457	149	680653	45.98	ng	99
87) Indeno(1,2,3-cd)pyrene	16.751	276	728559	52.06	ng	97
88) Benzo(b)fluoranthene	14.910	252	729075	50.04	ng	100
89) Benzo(k)fluoranthene	14.939	252	582650	42.10	ng	100
90) Benzo(a)pyrene	15.262	252	608894	48.39	ng	99
91) Dibenzo(a,h)anthracene	16.745	278	570223	49.49	ng	98
92) Benzo(g,h,i)perylene	17.168	276	622517	53.98	ng	98

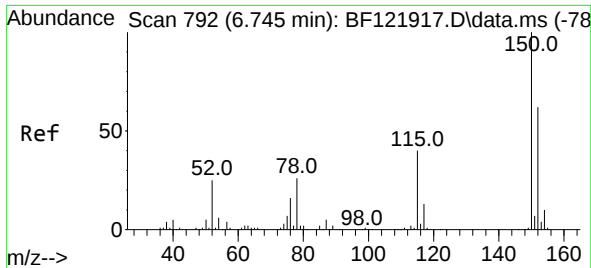
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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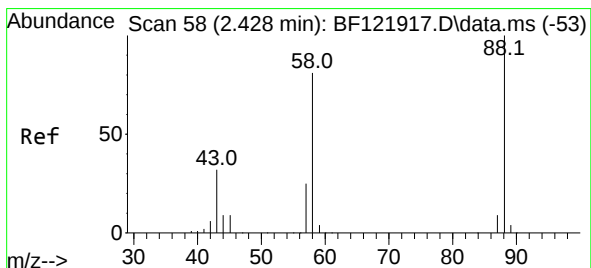
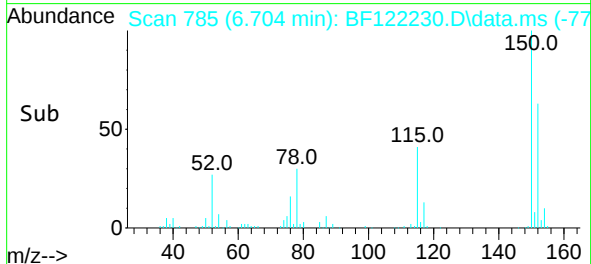
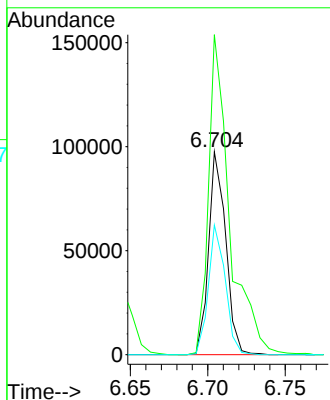
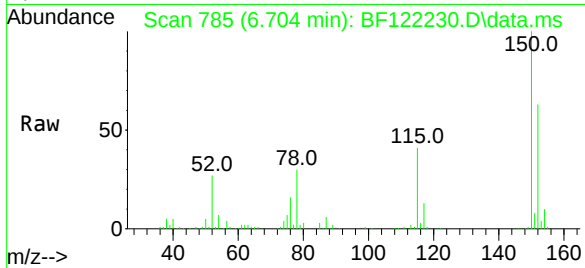




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.704 min Scan# 785
 Delta R.T. -0.012 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

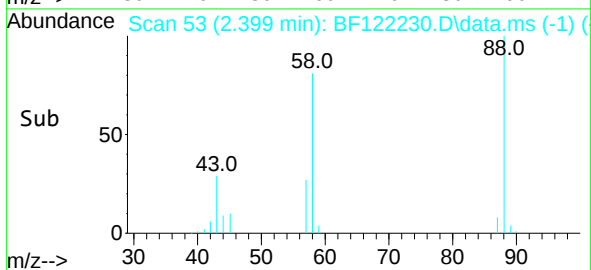
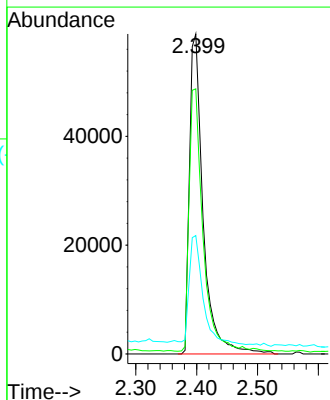
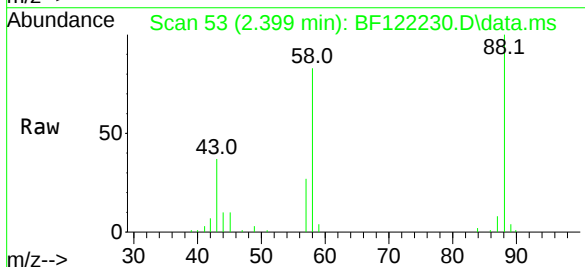
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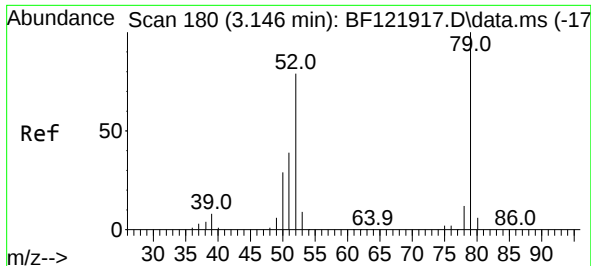
Tgt Ion:152 Resp: 75027
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 63.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 40.98 ng
 RT: 2.399 min Scan# 53
 Delta R.T. 0.035 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

Tgt Ion: 88 Resp: 91612
 Ion Ratio Lower Upper
 88 100
 58 82.4 65.8 98.8
 43 33.8 25.8 38.8

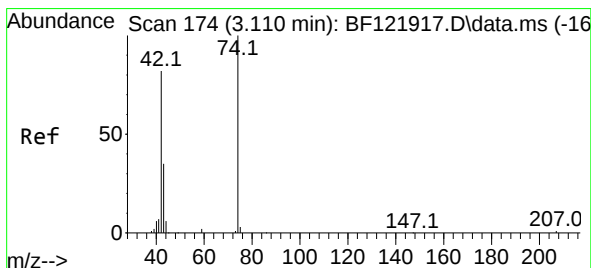
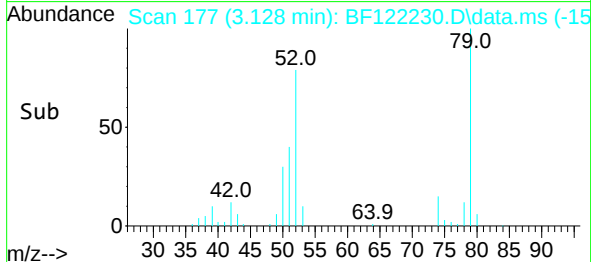
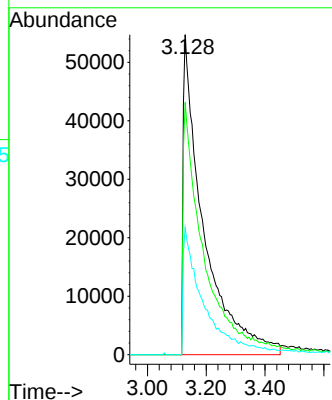
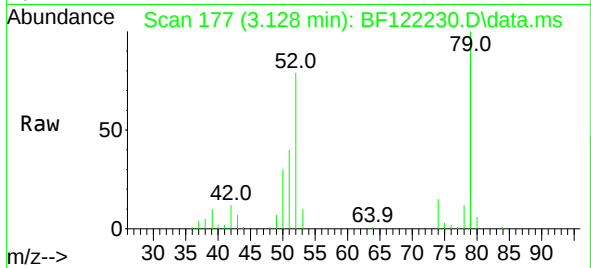




#3
Pyridine
Concen: 44.20 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.047 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

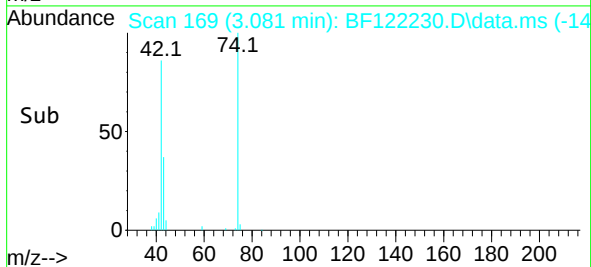
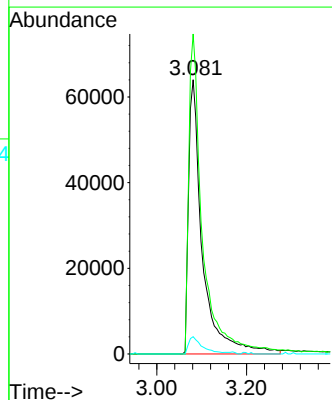
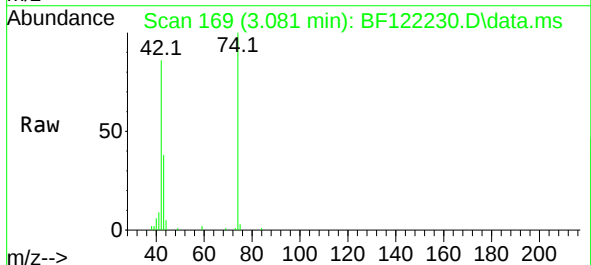
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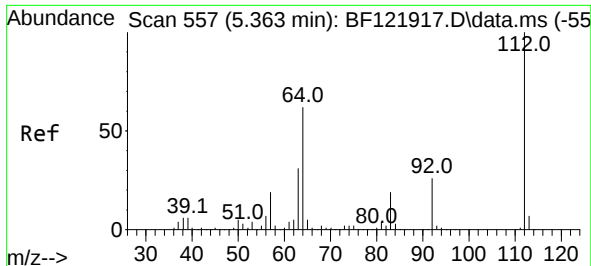
Tgt Ion: 79 Resp: 259819
Ion Ratio Lower Upper
79 100
52 78.8 62.2 93.4
51 39.7 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 48.48 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.035 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 42 Resp: 137750
Ion Ratio Lower Upper
42 100
74 116.7 100.2 150.2
44 6.3 5.8 8.6

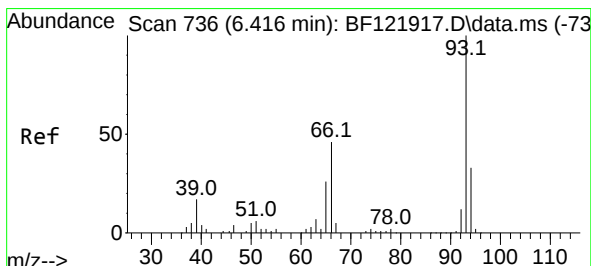
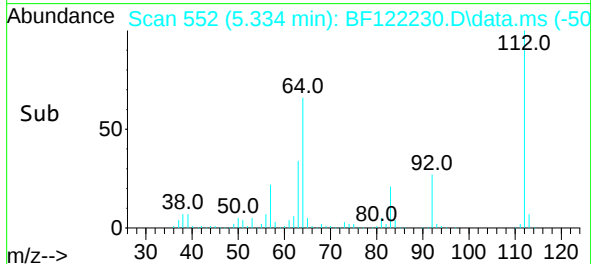
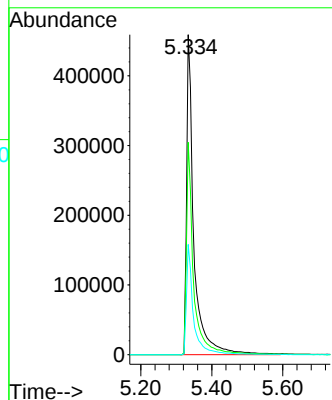
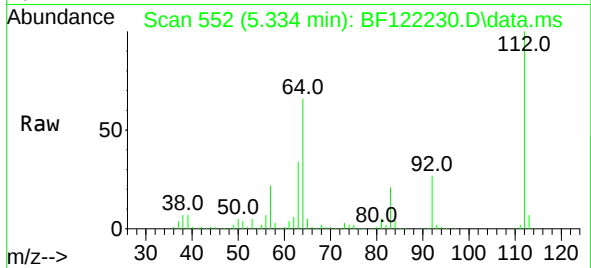




#5
2-Fluorophenol
Concen: 127.53 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

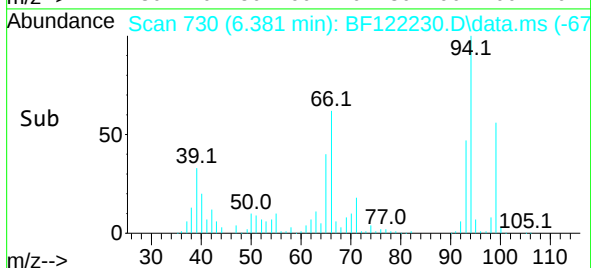
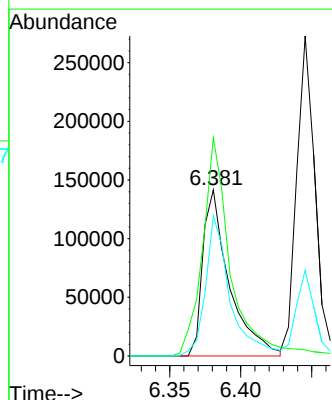
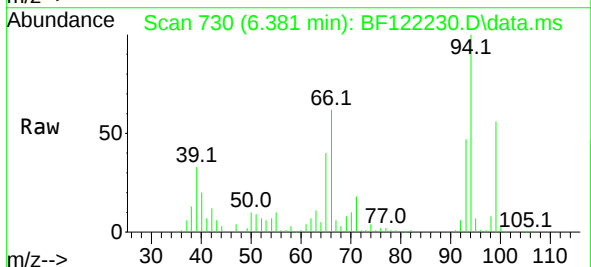
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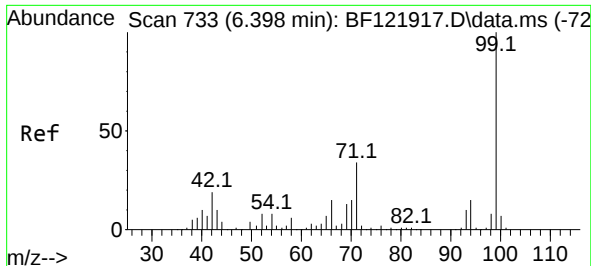
Tgt Ion:112 Resp: 648276
Ion Ratio Lower Upper
112 100
64 66.4 50.4 75.6
63 34.4 25.8 38.6



#6
Aniline
Concen: 22.82 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 93 Resp: 183861
Ion Ratio Lower Upper
93 100
66 131.4 32.7 49.1#
65 84.4 16.6 24.8#

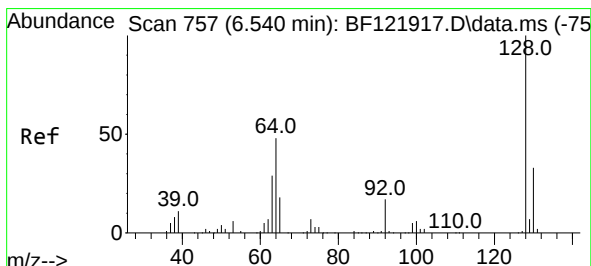
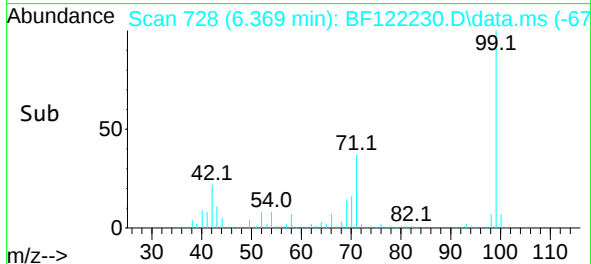
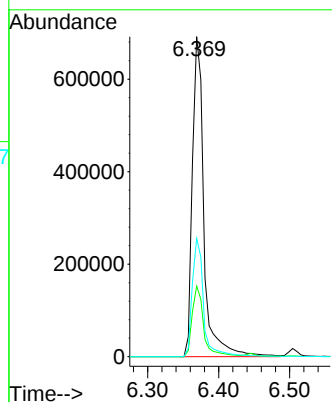
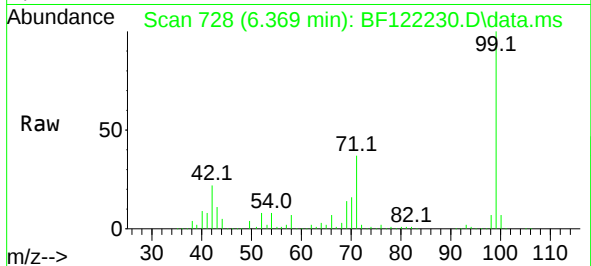




#7
Phenol-d6
Concen: 120.31 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

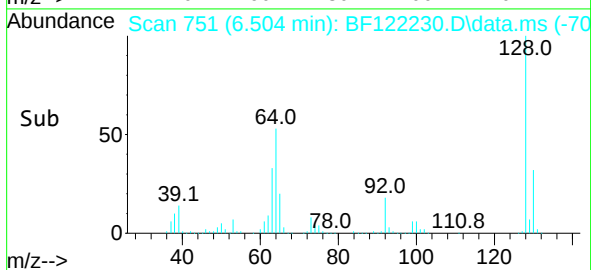
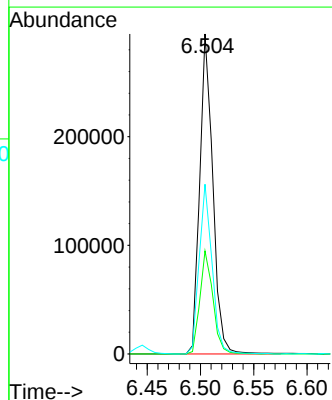
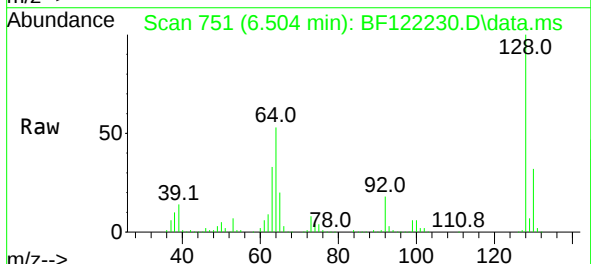
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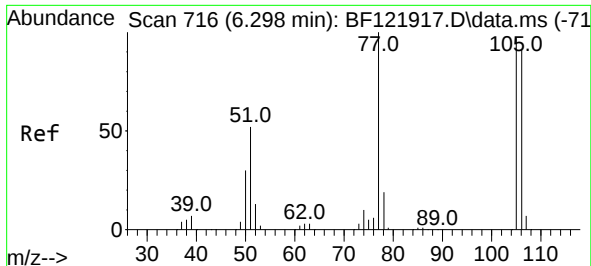
Tgt Ion: 99 Resp: 787266
Ion Ratio Lower Upper
99 100
42 22.1 15.9 23.9
71 36.9 27.1 40.7



#8
2-Chlorophenol
Concen: 49.29 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 128 Resp: 253258
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 53.1 34.8 74.8

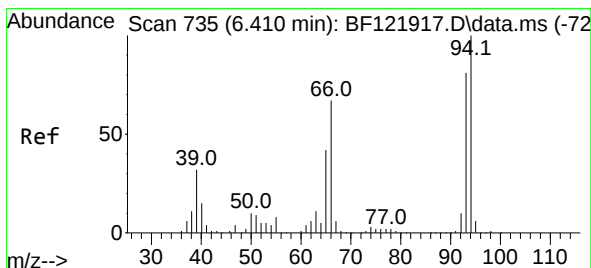
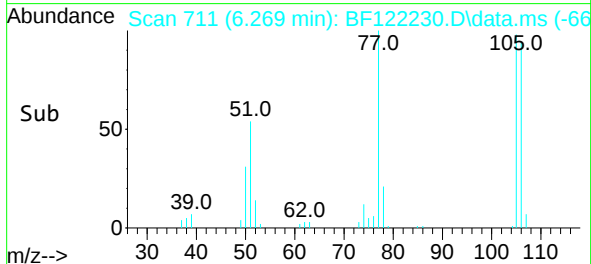
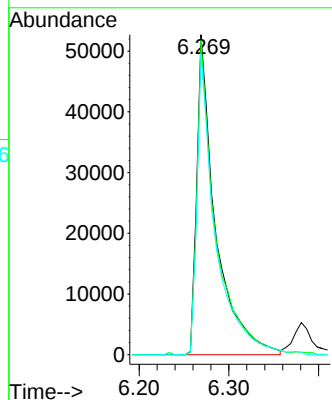
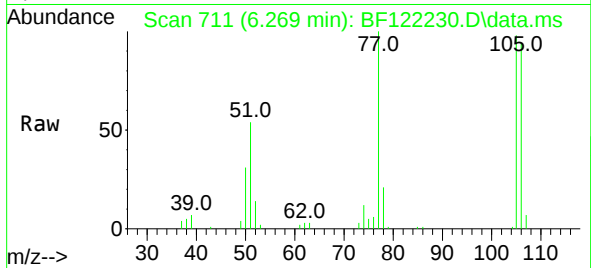




#9
Benzaldehyde
Concen: 17.29 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.000 min
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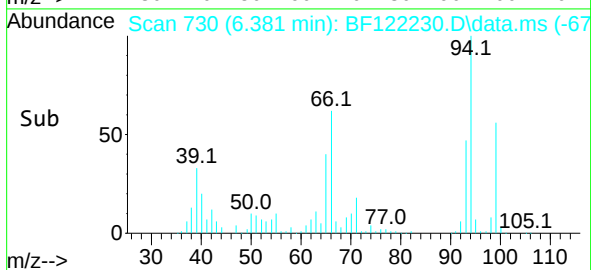
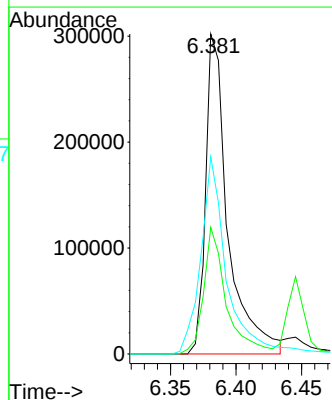
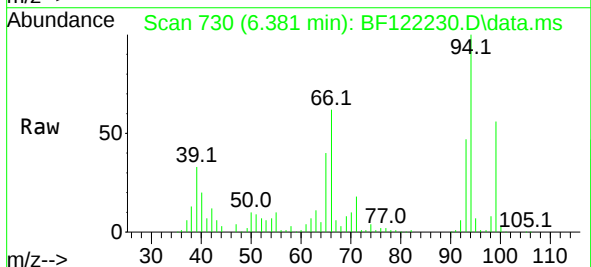
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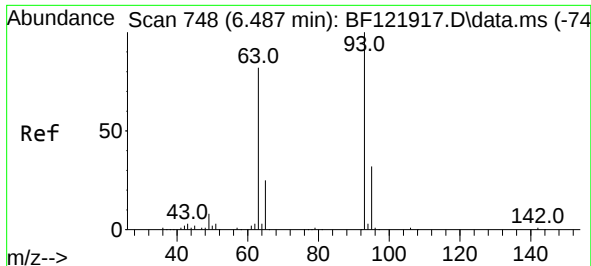
Tgt Ion: 77 Resp: 76309
Ion Ratio Lower Upper
77 100
105 98.2 76.7 116.7
106 94.0 71.3 111.3



#10
Phenol
Concen: 53.12 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 94 Resp: 358700
Ion Ratio Lower Upper
94 100
65 39.6 17.1 57.1
66 61.6 36.0 76.0

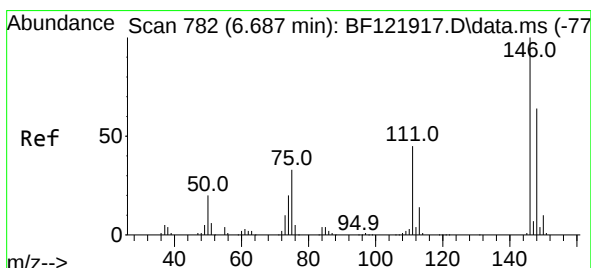
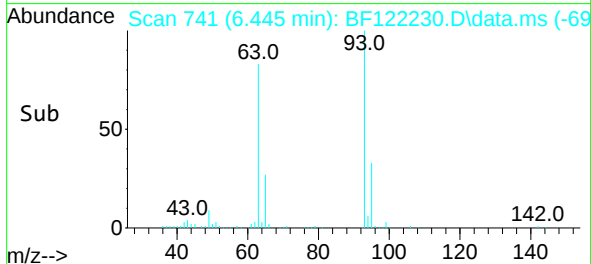
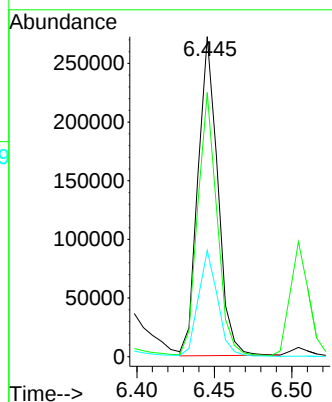
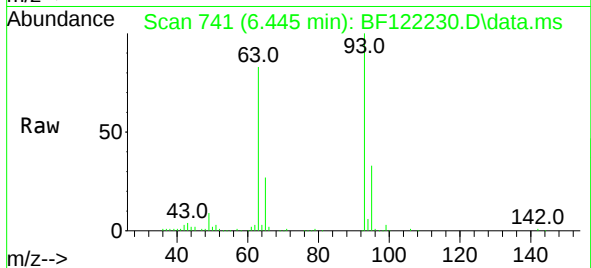




#11
bis(2-Chloroethyl)ether
Concen: 46.21 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

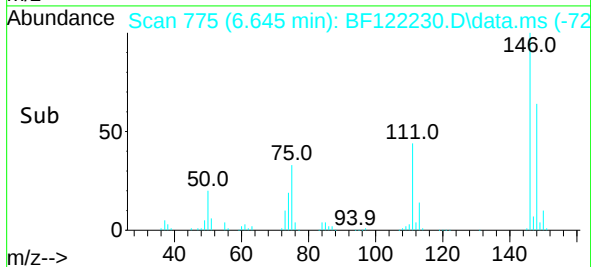
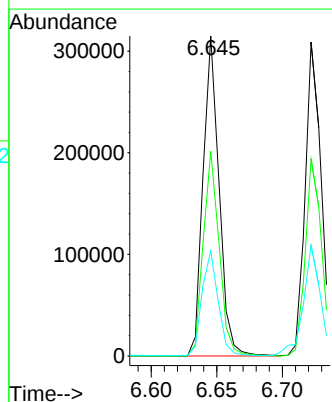
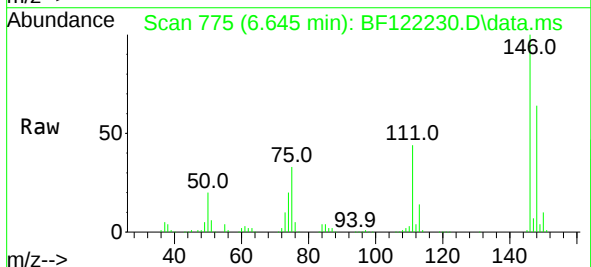
Instrument :
BNA_F
ClientSampleId :
124031MSD

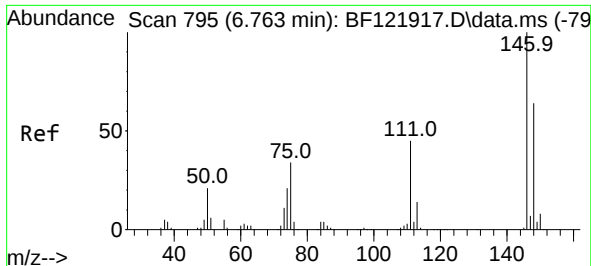
Tgt Ion: 93 Resp: 241231
Ion Ratio Lower Upper
93 100
63 82.5 62.4 102.4
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.44 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:146 Resp: 268405
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 32.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.24 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

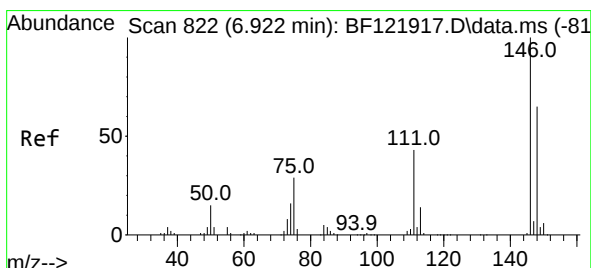
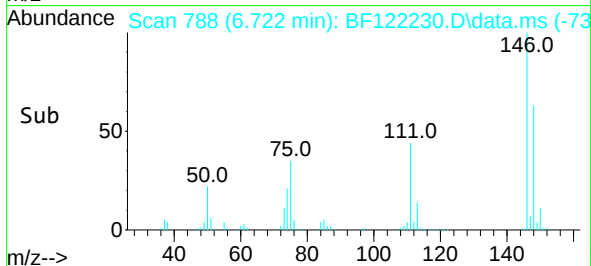
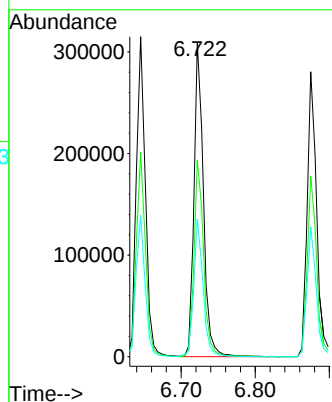
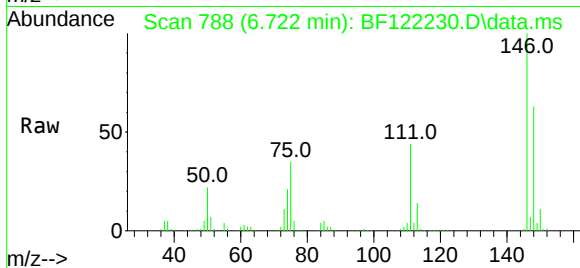
Tgt Ion:146 Resp: 274103

Ion Ratio Lower Upper

146 100

148 62.7 50.1 75.1

111 43.7 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 47.17 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

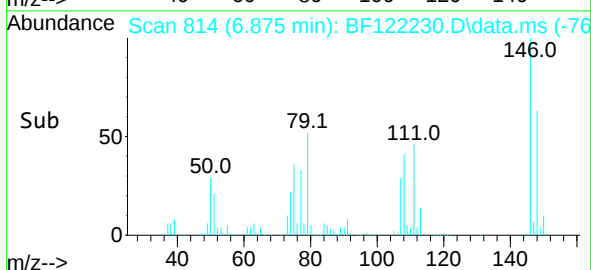
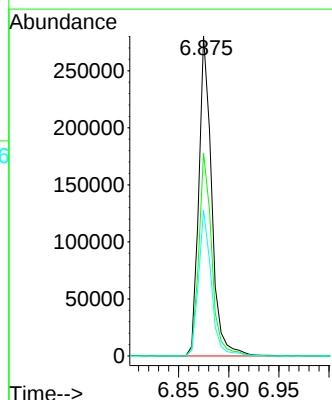
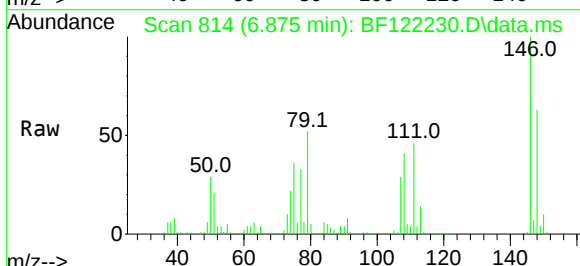
Tgt Ion:146 Resp: 250221

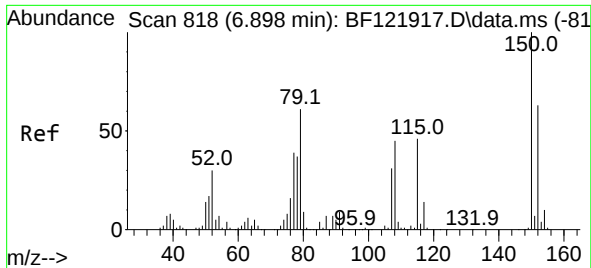
Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

111 45.6 34.2 51.4

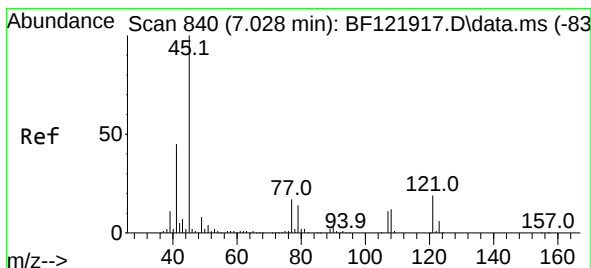
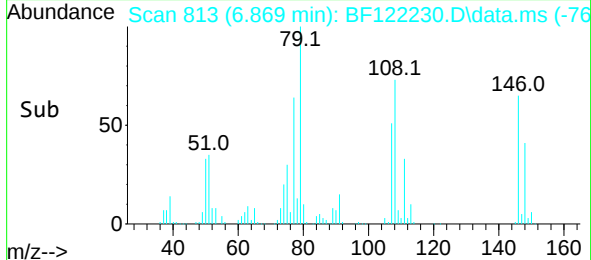
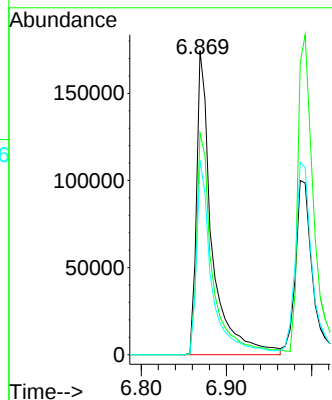
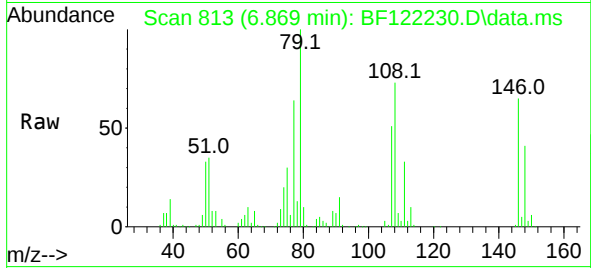




#15
Benzyl Alcohol
Concen: 51.67 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

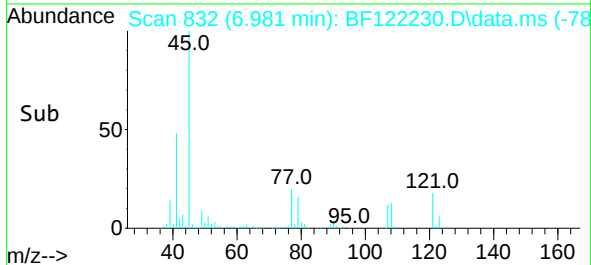
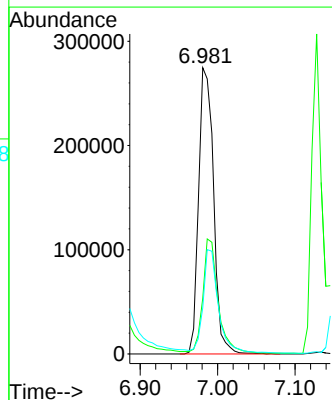
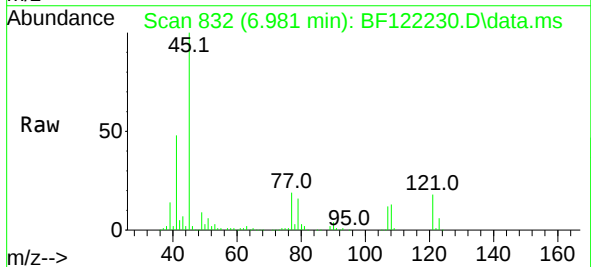
Instrument :
BNA_F
ClientSampleId :
124031MSD

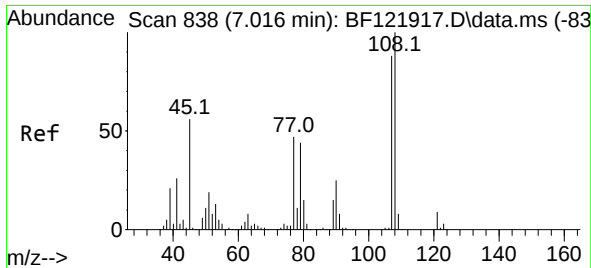
Tgt Ion: 79 Resp: 218685
Ion Ratio Lower Upper
79 100
108 72.9 62.3 93.5
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.61 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 45 Resp: 366419
Ion Ratio Lower Upper
45 100
77 19.5 0.0 33.3
79 16.2 0.0 30.4

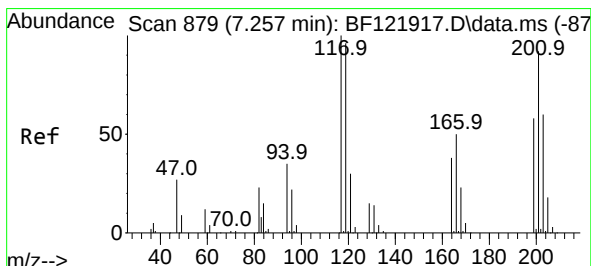
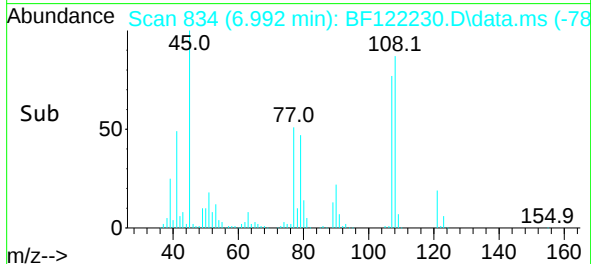
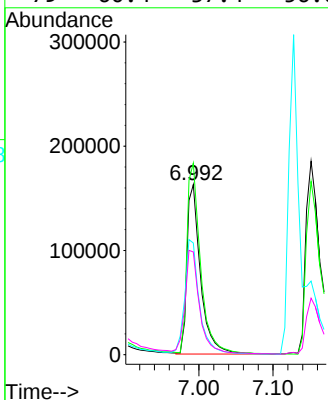
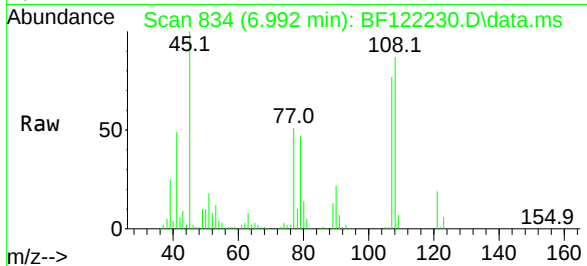




#17
2-Methylphenol
Concen: 47.14 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

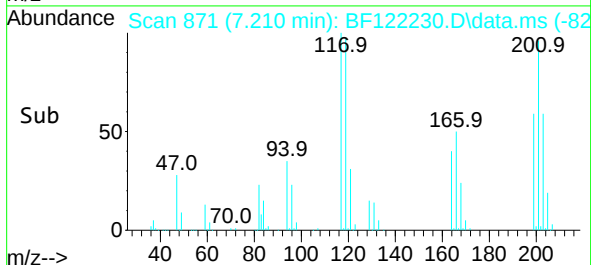
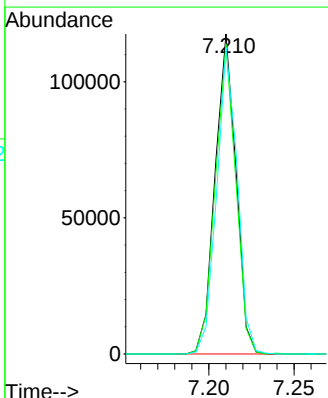
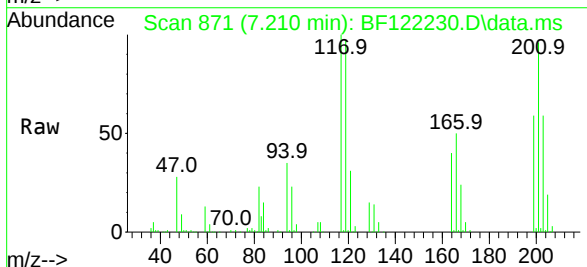
Instrument :
BNA_F
ClientSampleId :
124031MSD

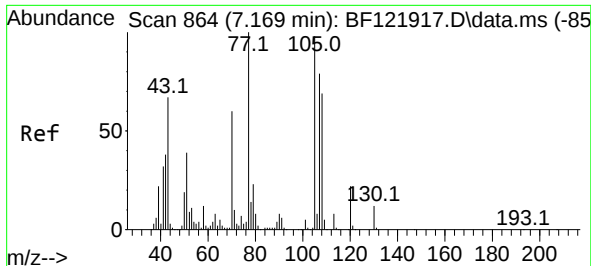
Tgt Ion:107 Resp: 207066
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 65.7 37.5 56.3#
79 60.4 37.4 56.0#



#18
Hexachloroethane
Concen: 47.76 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:117 Resp: 100091
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
201 95.8 71.8 107.6



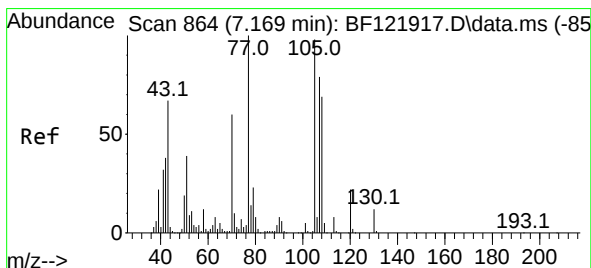
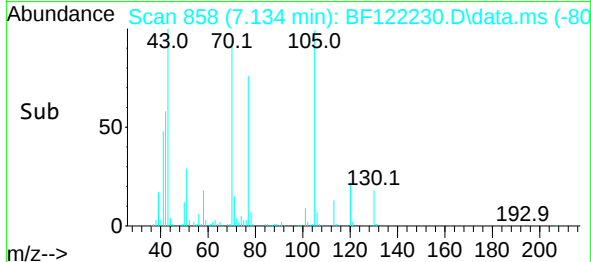
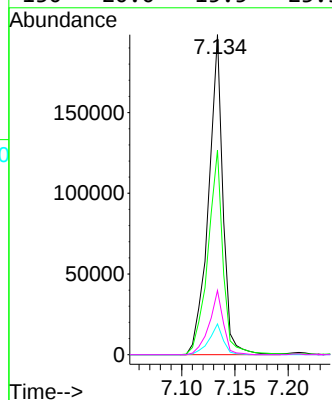
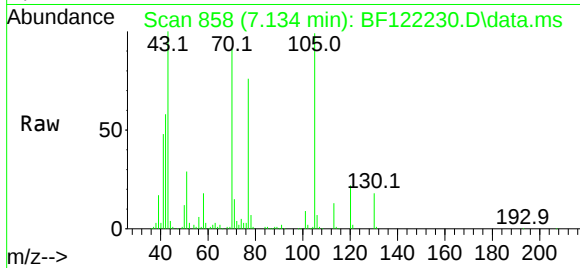


#19
n-Nitroso-di-n-propylamine
Concen: 50.11 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Instrument :
BNA_F
ClientSampleId :
124031MSD

Tgt Ion: 70 Resp: 186691

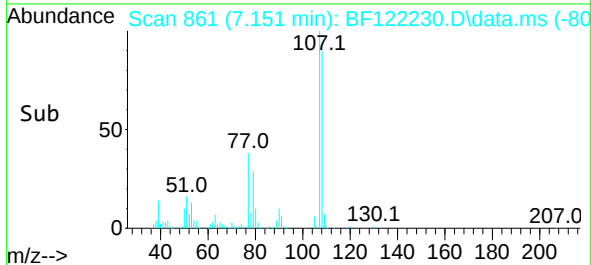
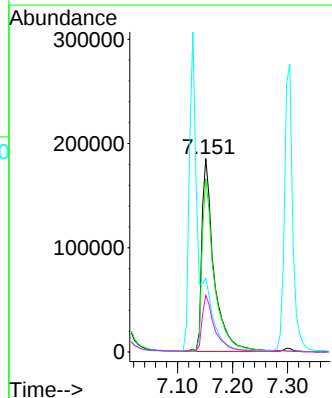
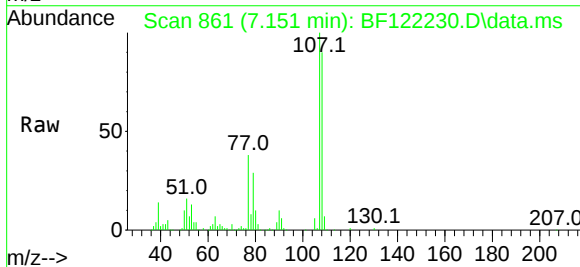
Ion	Ratio	Lower	Upper
70	100		
42	63.9	50.2	75.4
101	9.6	7.5	11.3
130	20.0	15.5	23.3

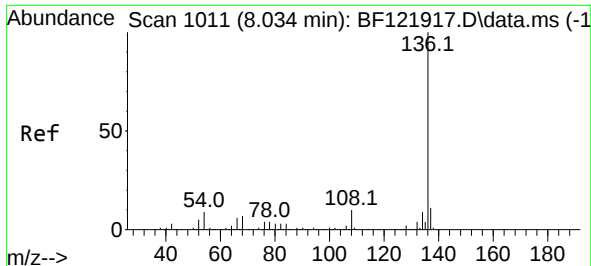


#20
3+4-Methylphenols
Concen: 53.36 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 107 Resp: 282689

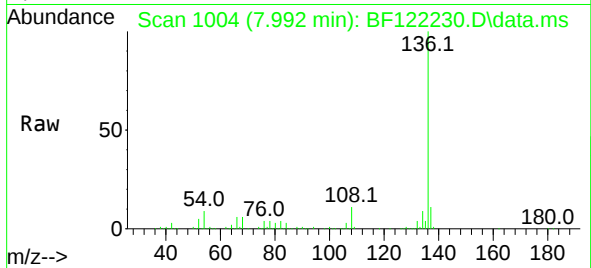
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.9	108.9
77	38.0	108.0	148.0#
79	29.2	10.5	50.5



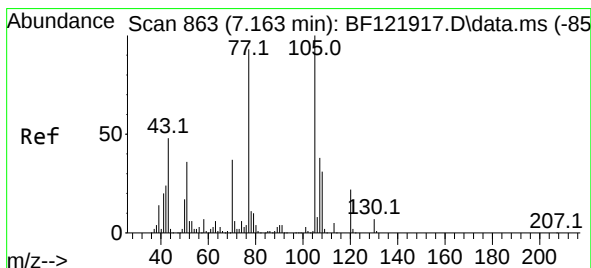
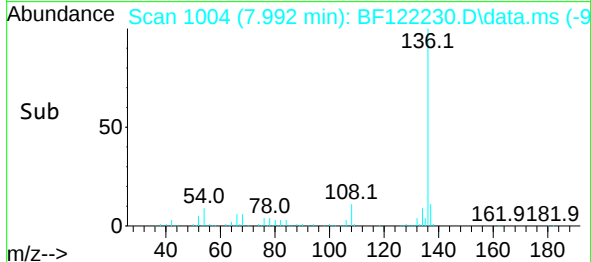
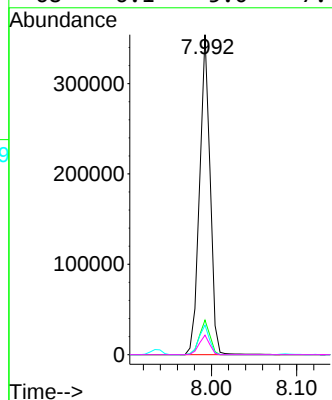


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Instrument :
BNA_F
ClientSampleId :
124031MSD

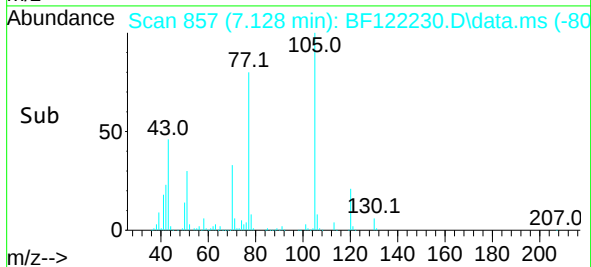
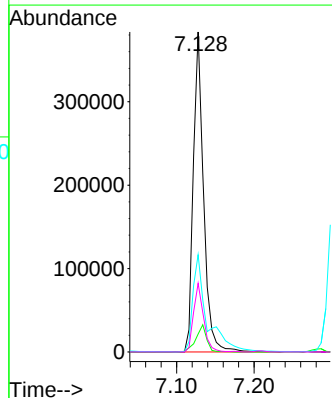
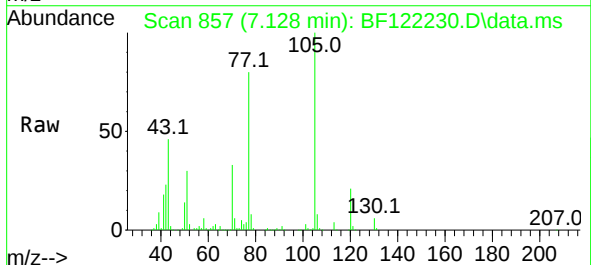


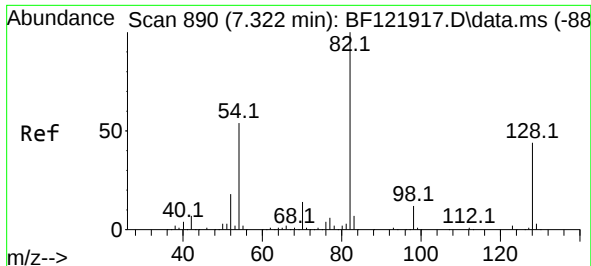
Tgt Ion:136 Resp: 303665
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.1 10.7
68 6.1 5.0 7.4



#22
Acetophenone
Concen: 45.21 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:105 Resp: 353209
Ion Ratio Lower Upper
105 100
71 5.6 5.3 7.9
51 30.4 33.2 49.8#
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 86.70 ng

RT: 7.281 min Scan# 883

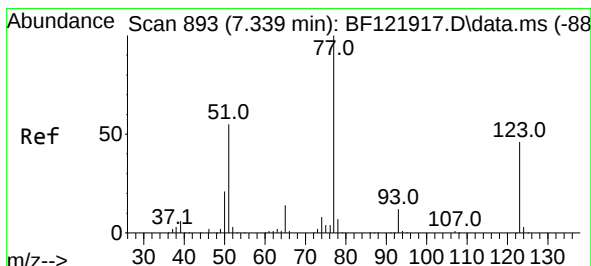
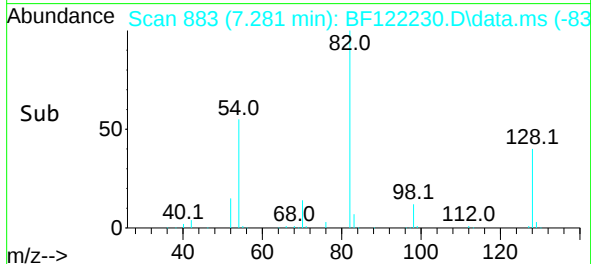
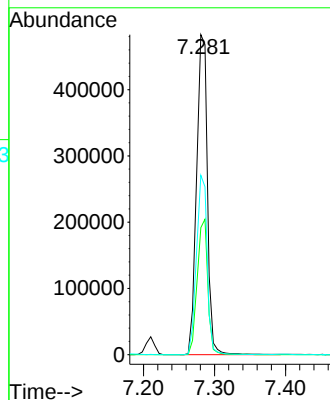
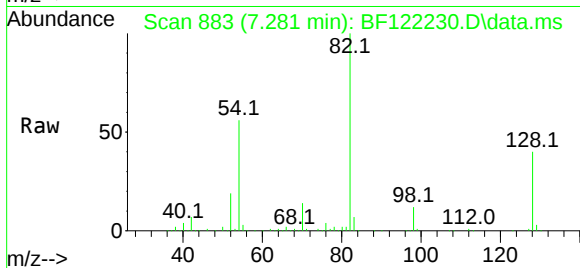
Delta R.T. -0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion: 82 Resp: 513385

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.4
54	56.0	43.9	65.9



#24

Nitrobenzene

Concen: 45.30 ng

RT: 7.304 min Scan# 887

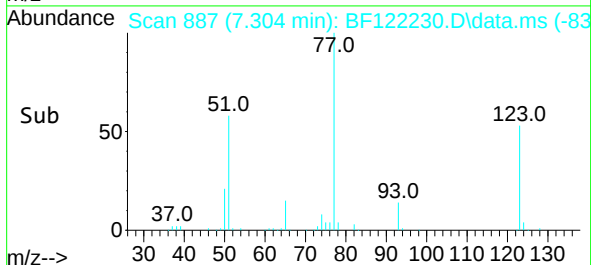
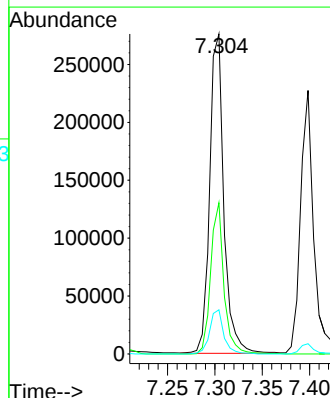
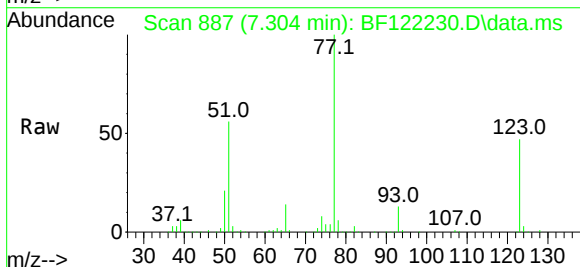
Delta R.T. -0.000 min

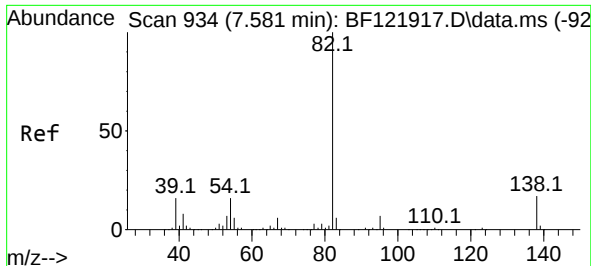
Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion: 77 Resp: 286715

Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.6	53.4
65	13.8	11.2	16.8

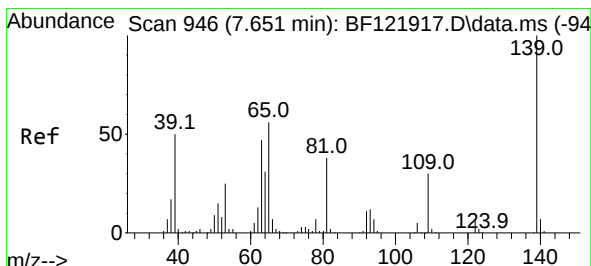
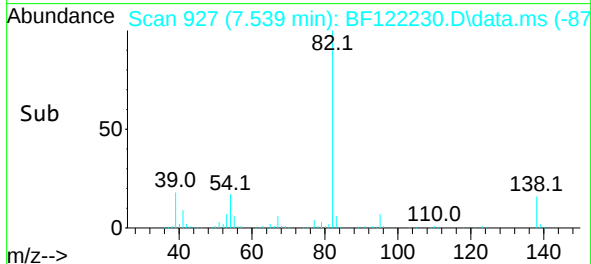
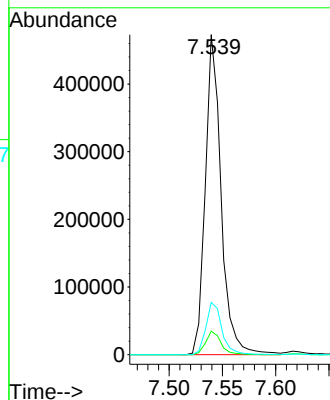
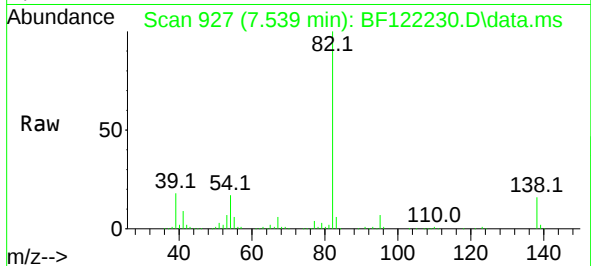




#25
Isophorone
Concen: 43.79 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

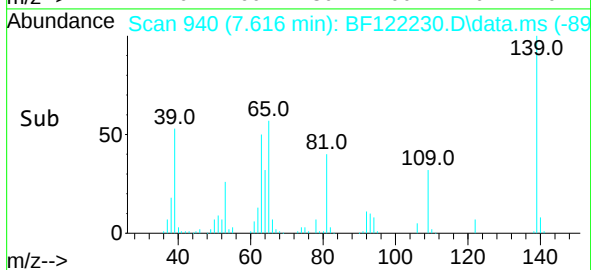
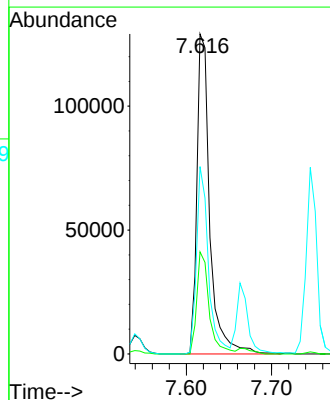
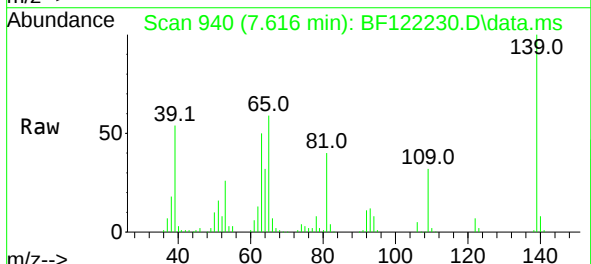
Instrument :
BNA_F
ClientSampleId :
124031MSD

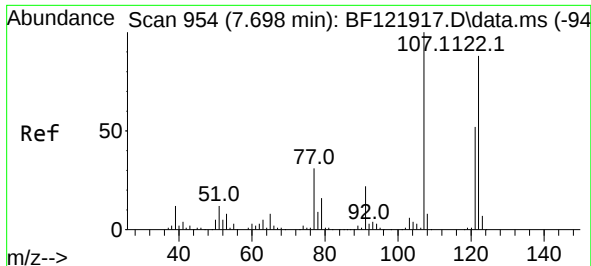
Tgt Ion: 82 Resp: 490282
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 16.3 13.4 20.0



#26
2-Nitrophenol
Concen: 46.64 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 139 Resp: 135941
Ion Ratio Lower Upper
139 100
109 31.9 23.0 34.4
65 58.6 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 44.99 ng

RT: 7.663 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

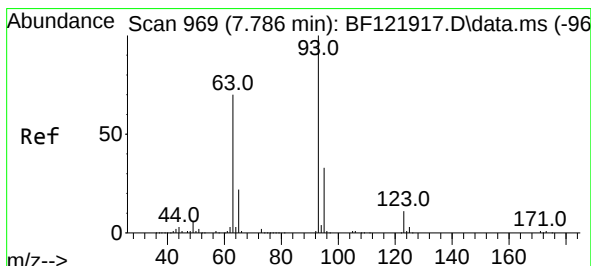
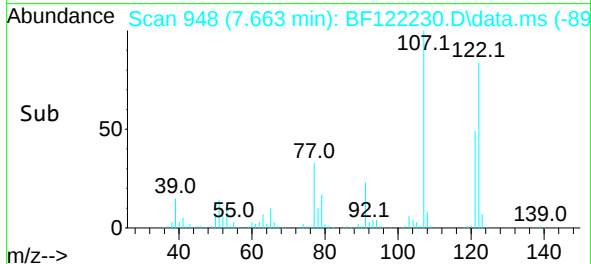
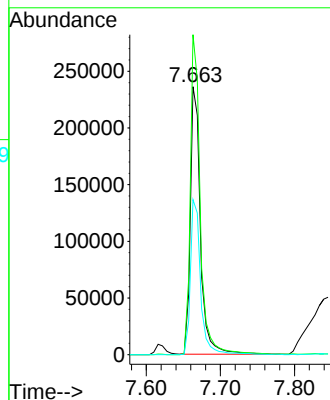
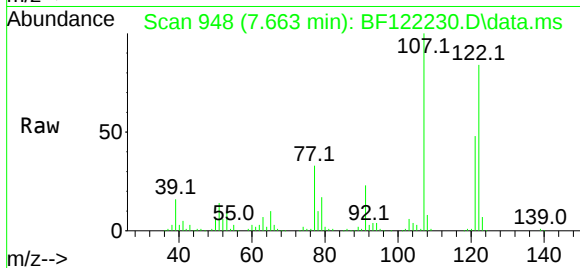
Tgt Ion:122 Resp: 223546

Ion Ratio Lower Upper

122 100

107 119.4 90.8 136.2

121 57.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.19 ng

RT: 7.745 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

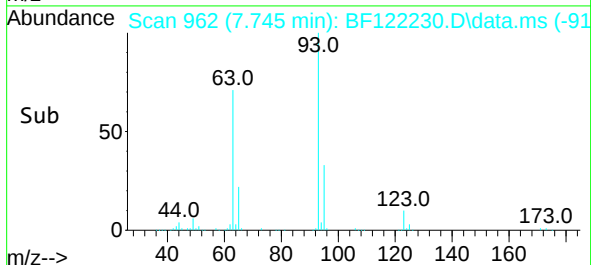
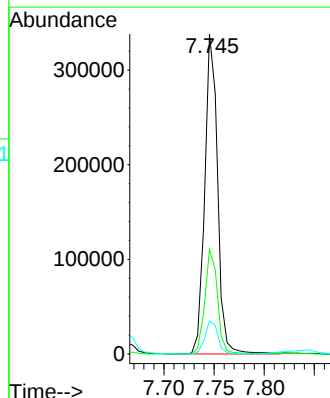
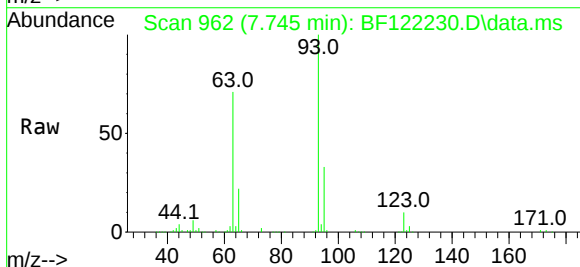
Tgt Ion: 93 Resp: 302529

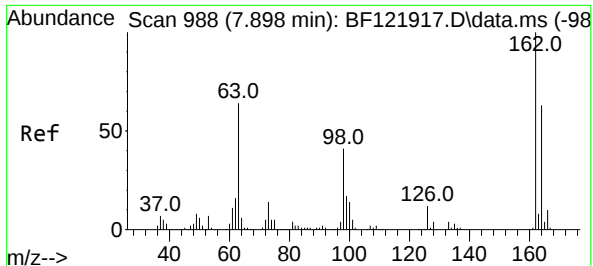
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 10.3 8.8 13.2

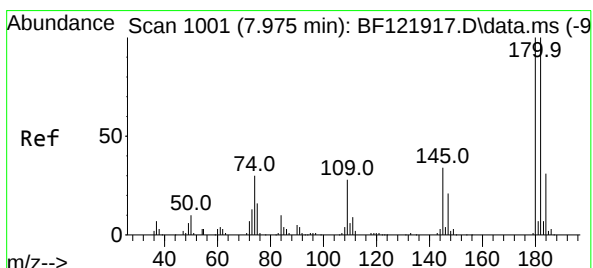
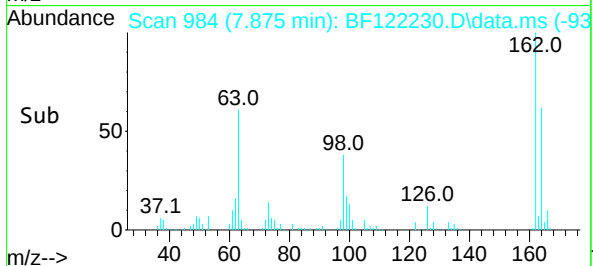
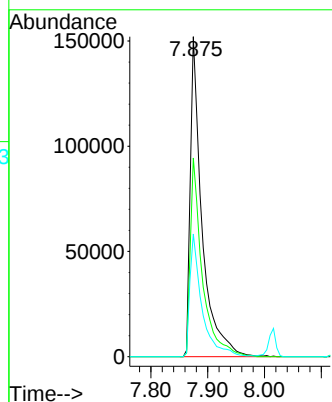
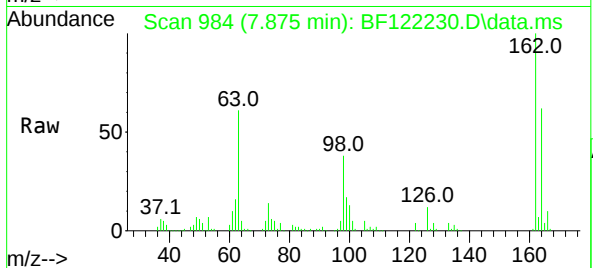




#29
2,4-Dichlorophenol
Concen: 46.85 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

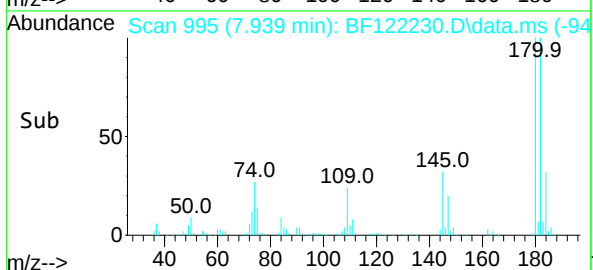
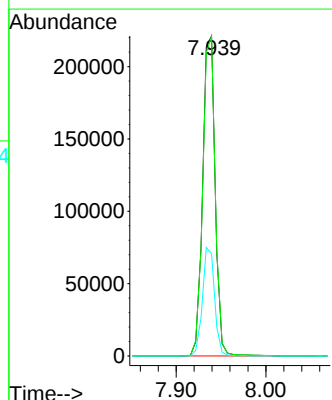
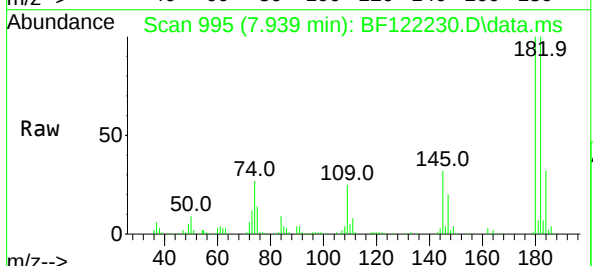
Instrument :
BNA_F
ClientSampleId :
124031MSD

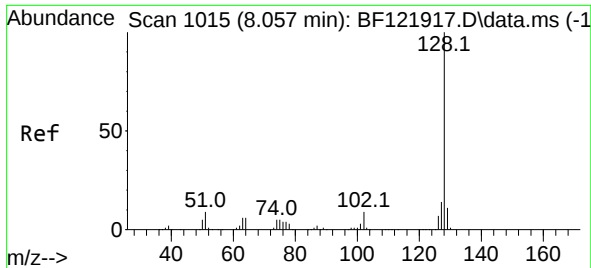
Tgt Ion:162 Resp: 217965
Ion Ratio Lower Upper
162 100
164 62.1 42.5 82.5
98 38.4 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 43.16 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:180 Resp: 213537
Ion Ratio Lower Upper
180 100
182 99.9 79.4 119.2
145 32.0 25.5 38.3

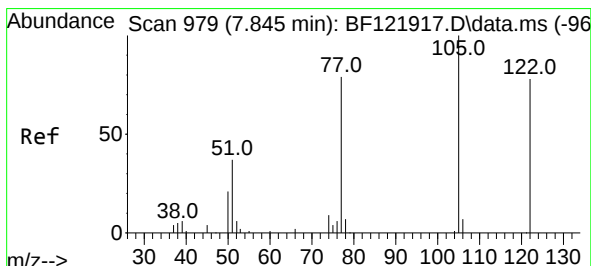
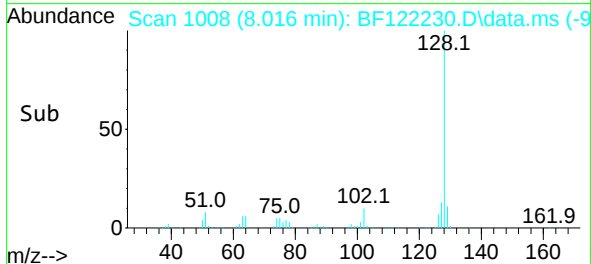
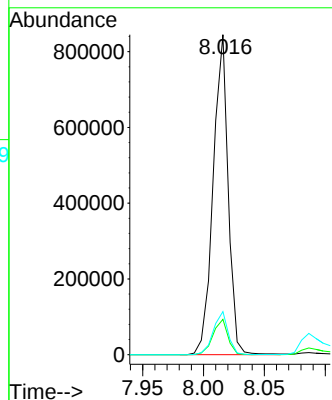
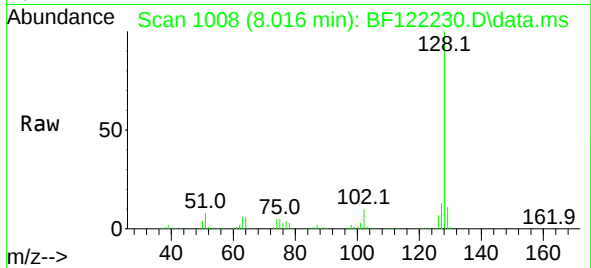




#31
Naphthalene
Concen: 44.48 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

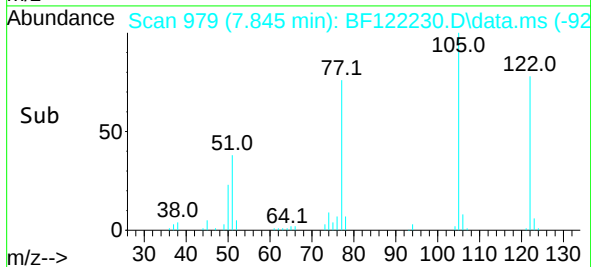
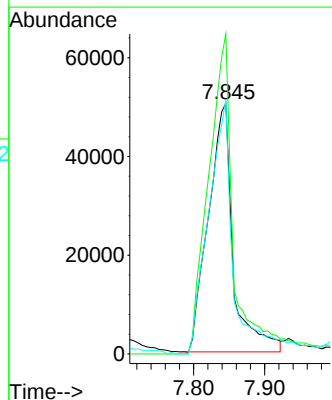
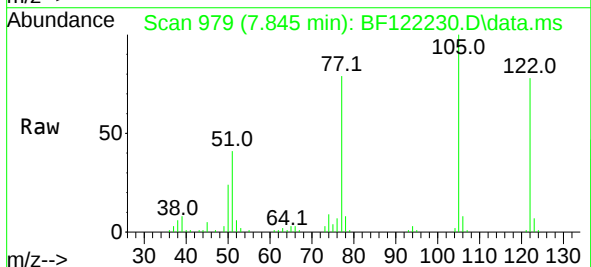
Instrument :
BNA_F
ClientSampleId :
124031MSD

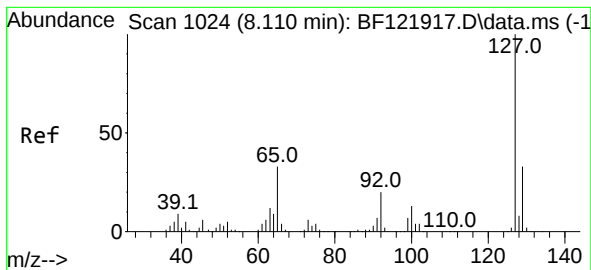
Tgt Ion:128 Resp: 723636
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 43.75 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:122 Resp: 121928
Ion Ratio Lower Upper
122 100
105 127.7 103.3 143.3
77 101.4 73.9 113.9

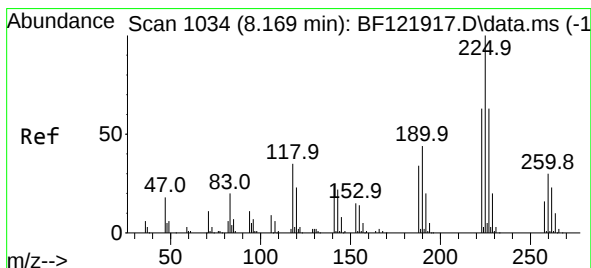
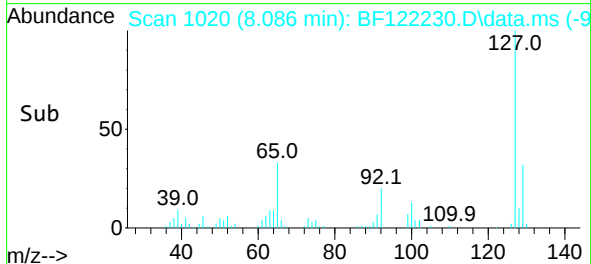
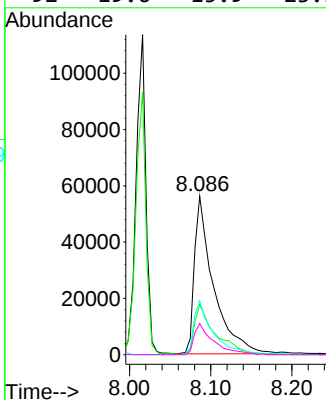
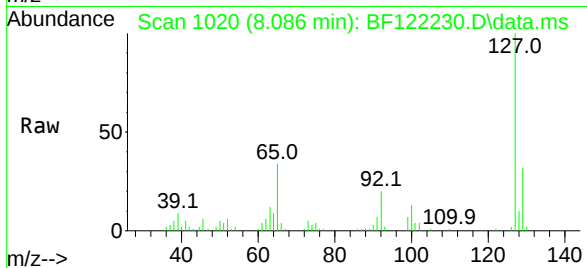




#33
4-Chloroaniline
Concen: 13.24 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

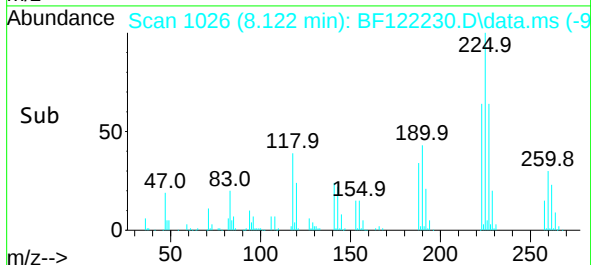
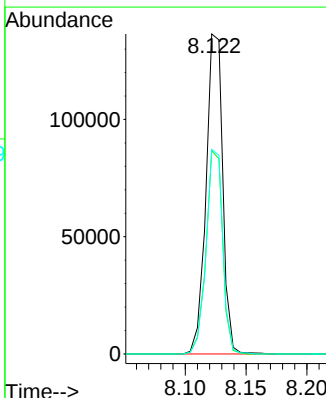
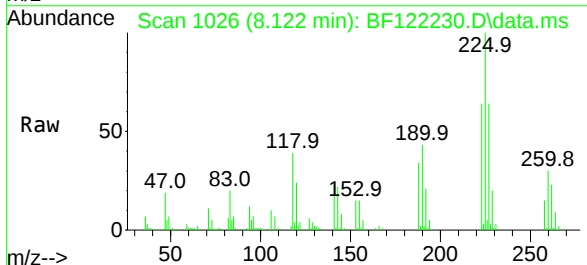
Instrument :
BNA_F
ClientSampleId :
124031MSD

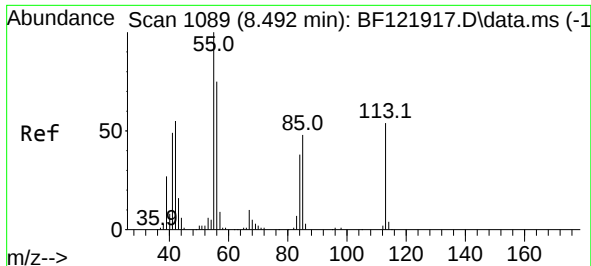
Tgt Ion:	127	Resp:	91770
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	34.0	26.2	39.2
92	19.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 44.47 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:	225	Resp:	130443
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	63.9	51.0	76.6

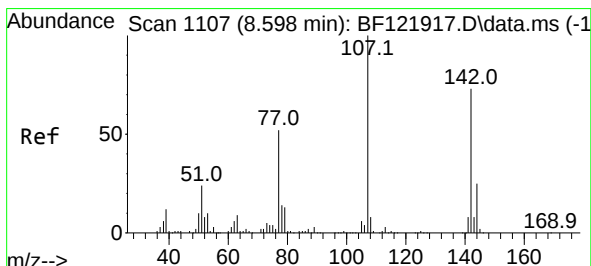
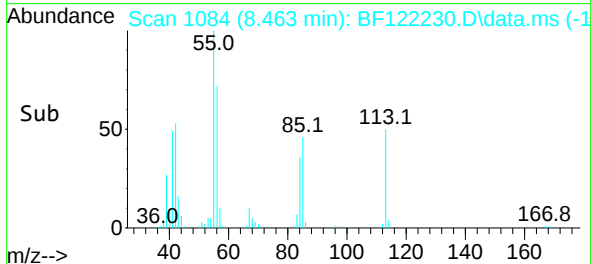
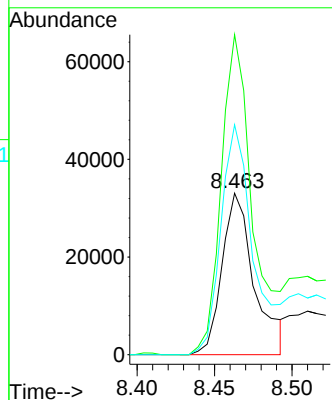
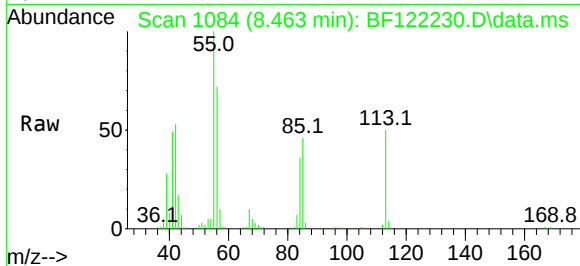




#35
Caprolactam
Concen: 32.38 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

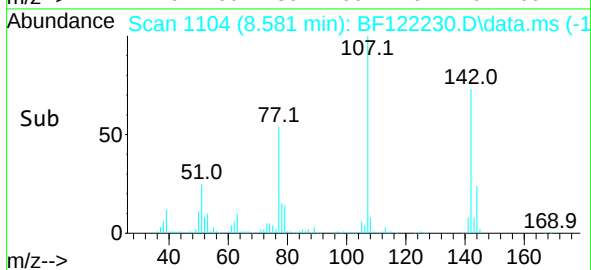
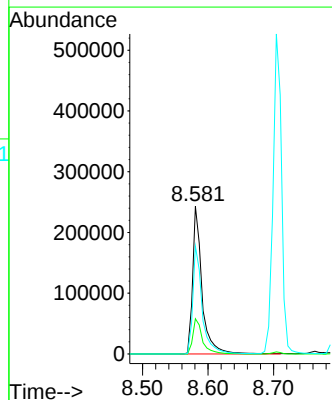
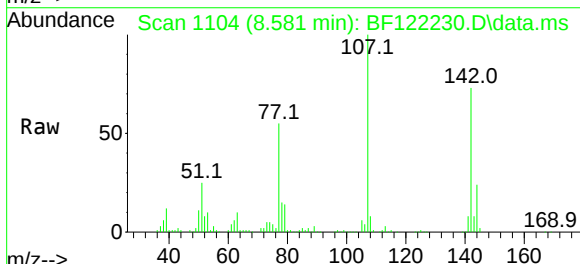
Instrument :
BNA_F
ClientSampleId :
124031MSD

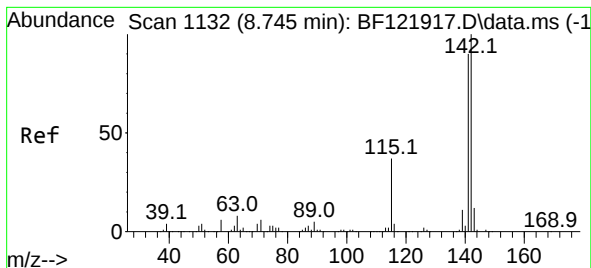
Tgt Ion:113 Resp: 47847
Ion Ratio Lower Upper
113 100
55 198.3 167.5 207.5
56 142.5 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 48.67 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:107 Resp: 243187
Ion Ratio Lower Upper
107 100
144 23.9 20.1 30.1
142 73.0 59.3 88.9

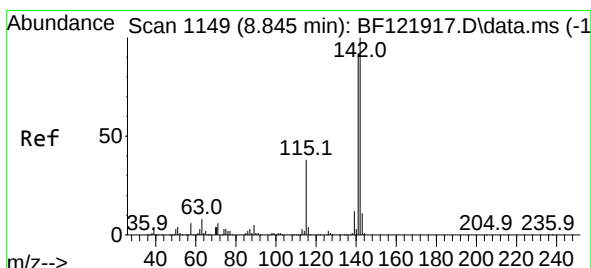
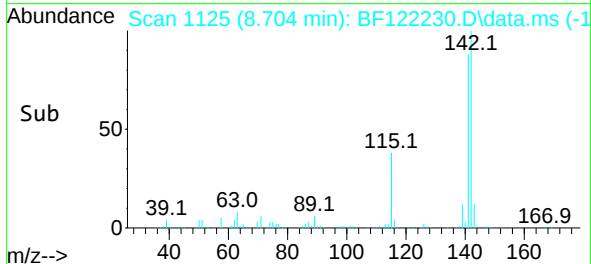
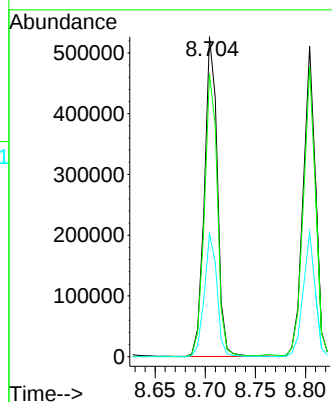
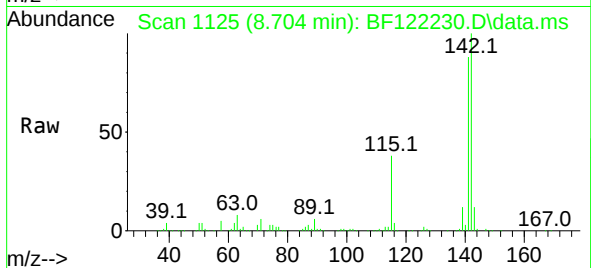




#37
2-Methylnaphthalene
Concen: 45.00 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

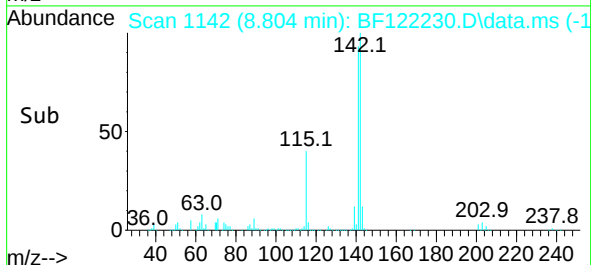
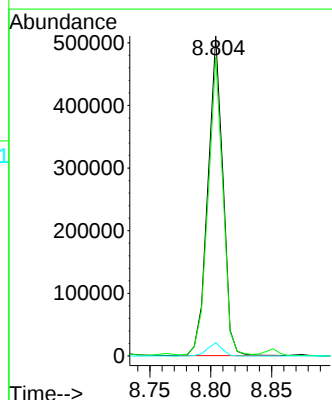
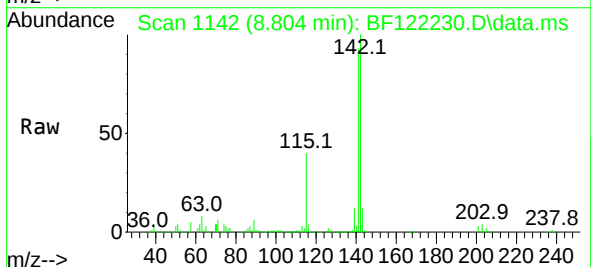
Instrument :
BNA_F
ClientSampleId :
124031MSD

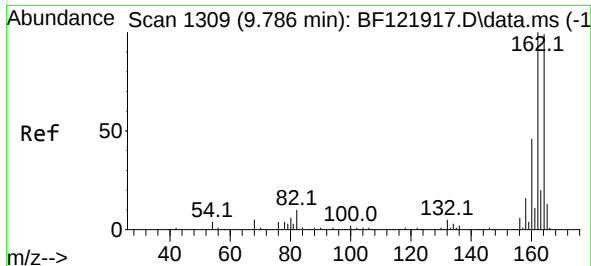
Tgt Ion:142 Resp: 474069
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 38.5 28.6 43.0



#38
1-Methylnaphthalene
Concen: 44.78 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:142 Resp: 436909
Ion Ratio Lower Upper
142 100
141 93.4 74.5 111.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:164 Resp: 160298

Ion Ratio Lower Upper

164 100

162 102.9 83.2 124.8

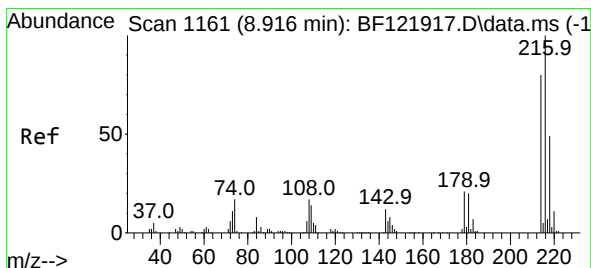
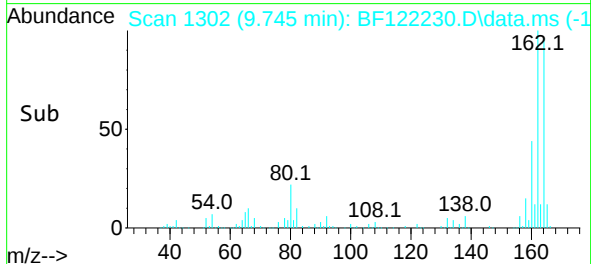
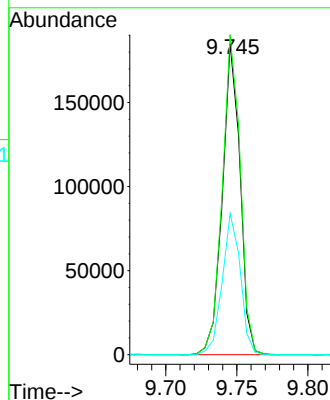
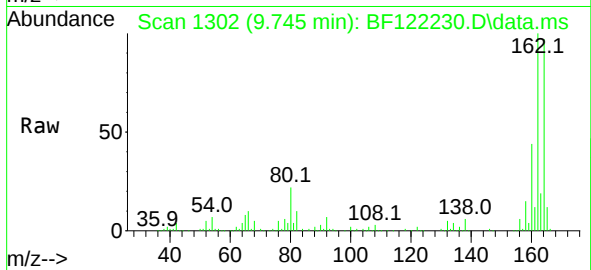
160 45.4 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

124031MSD



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.28 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:216 Resp: 223938

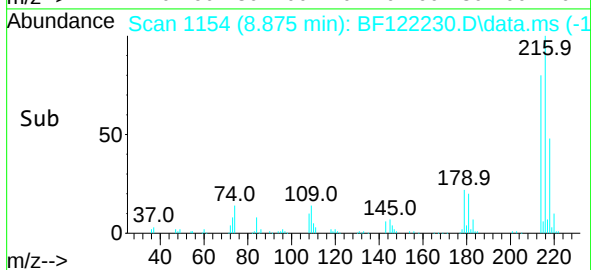
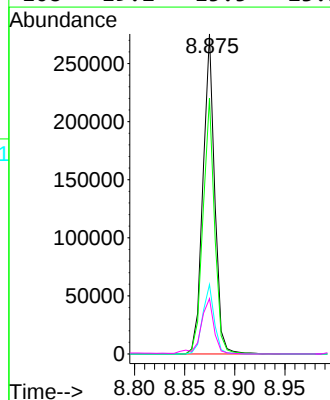
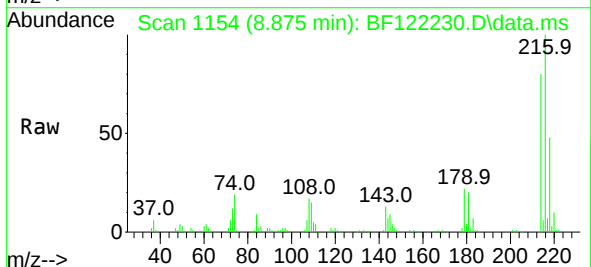
Ion Ratio Lower Upper

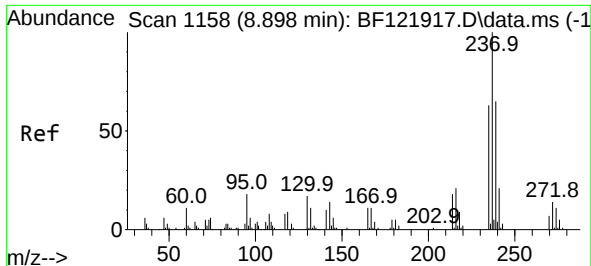
216 100

214 79.0 63.4 95.2

179 21.5 17.0 25.6

108 19.2 15.5 23.3

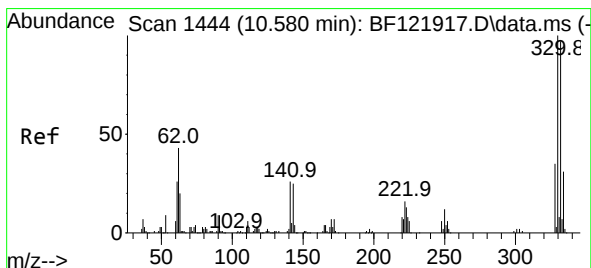
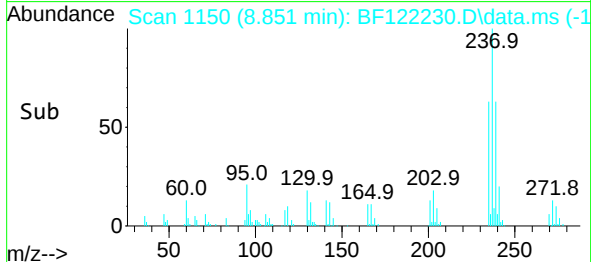
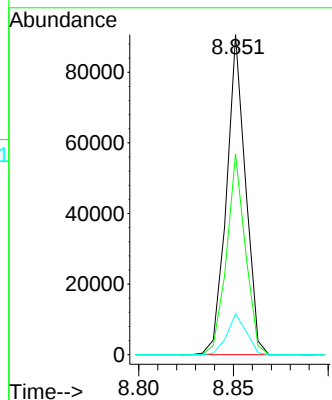
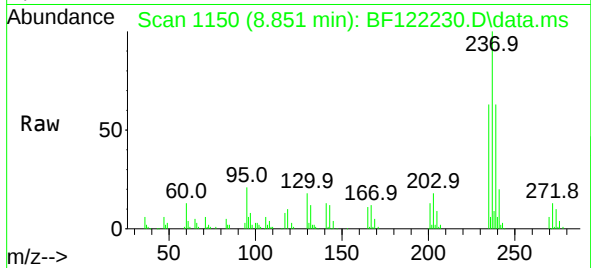




#41
Hexachlorocyclopentadiene
Concen: 50.94 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

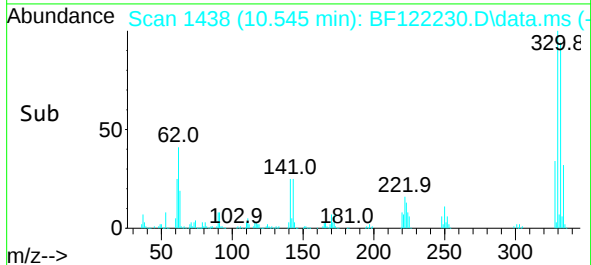
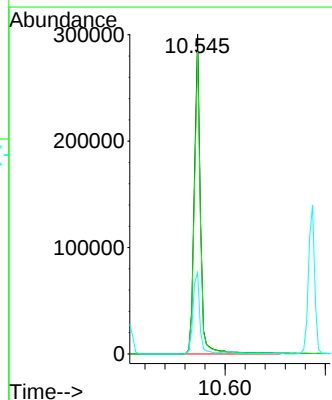
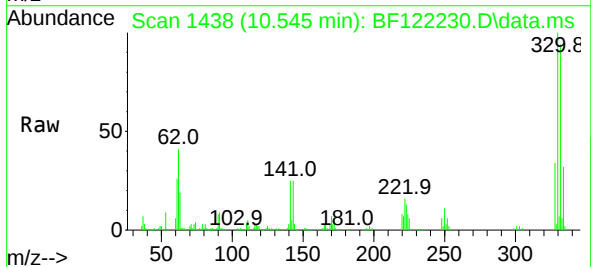
Instrument :
BNA_F
ClientSampleId :
124031MSD

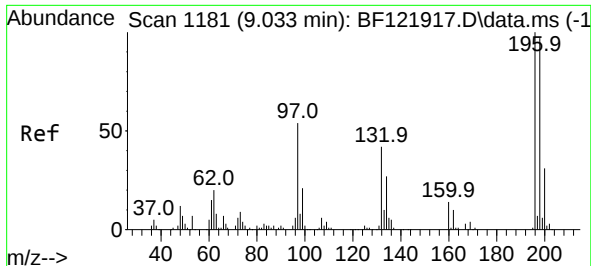
Tgt Ion:237 Resp: 63175
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 12.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 127.82 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

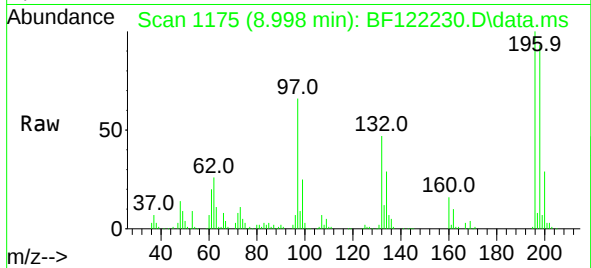
Tgt Ion:330 Resp: 253449
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 28.6 22.3 33.5



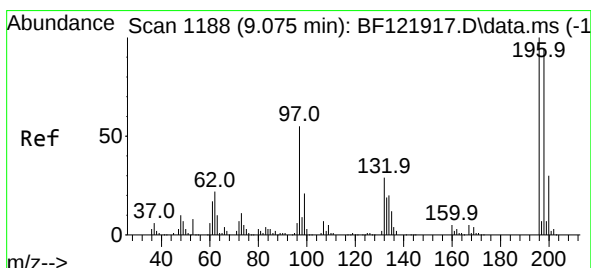
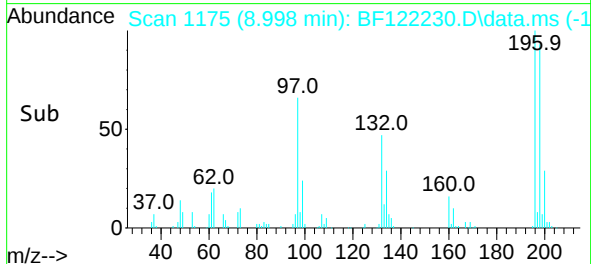
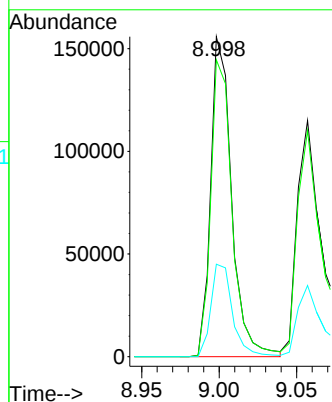


#43
2,4,6-Trichlorophenol
Concen: 45.83 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Instrument :
BNA_F
ClientSampleId :
124031MSD

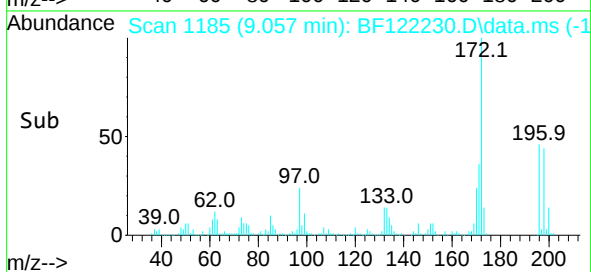
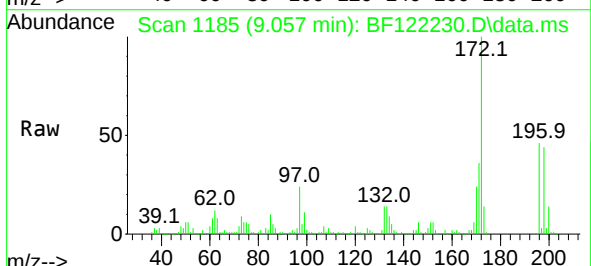
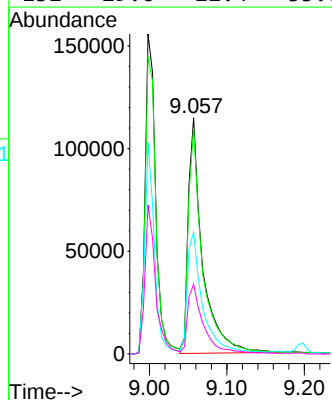


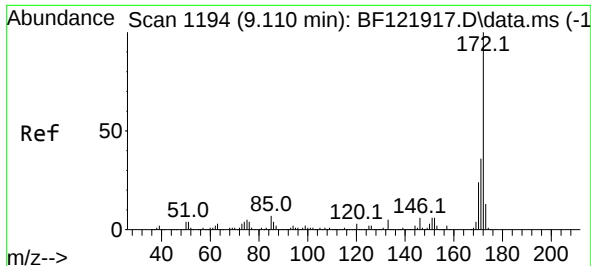
Tgt Ion:196 Resp: 146292
Ion Ratio Lower Upper
196 100
198 92.7 75.8 113.6
200 28.9 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.63 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:196 Resp: 146953
Ion Ratio Lower Upper
196 100
198 95.8 76.1 114.1
97 51.5 41.0 61.6
132 29.6 22.4 33.6

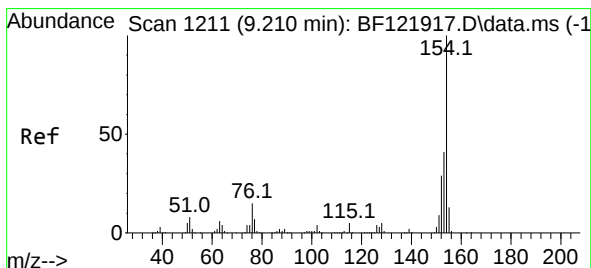
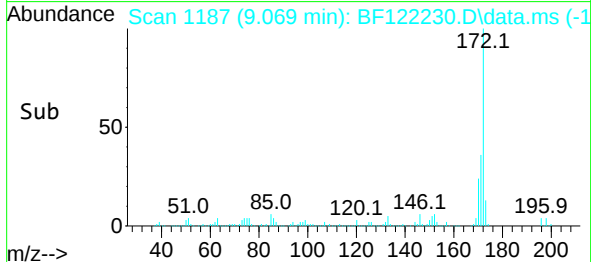
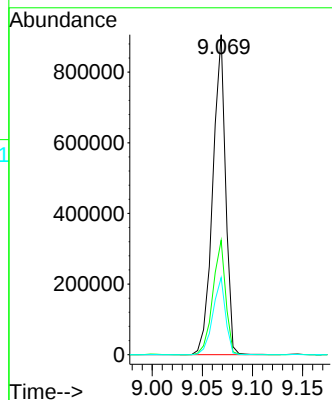
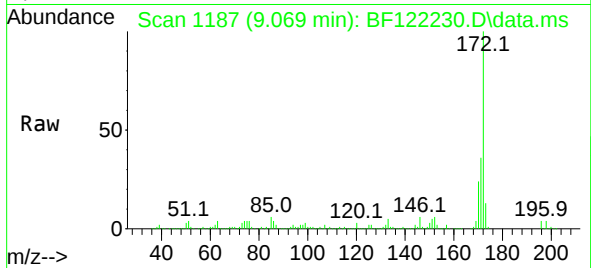




#45
2-Fluorobiphenyl
Concen: 73.65 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

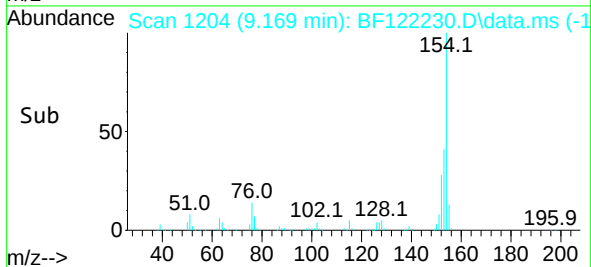
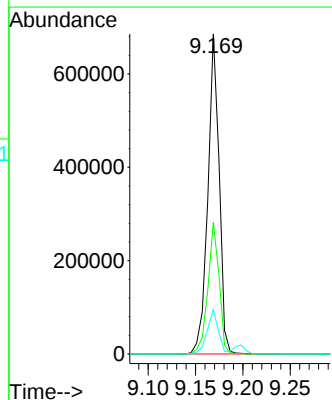
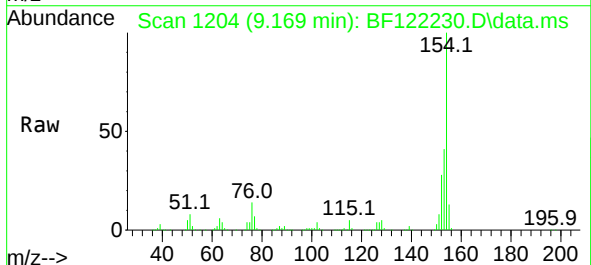
Instrument :
BNA_F
ClientSampleId :
124031MSD

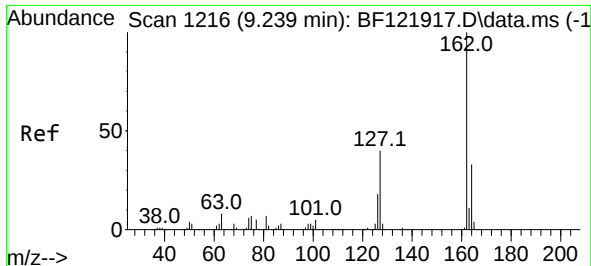
Tgt Ion:172 Resp: 802410
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 43.58 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:154 Resp: 567953
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 13.9 0.0 34.7

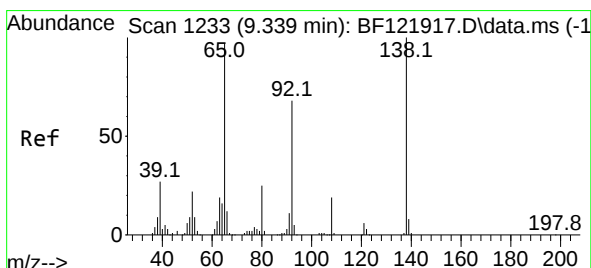
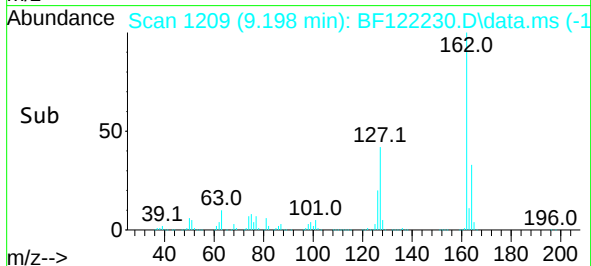
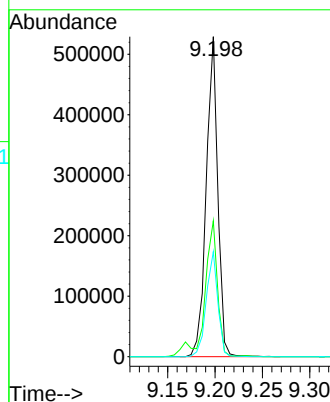
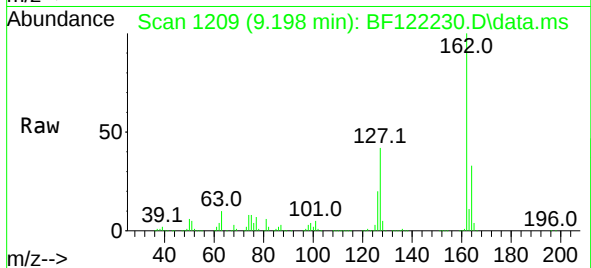




#47
2-Chloronaphthalene
Concen: 44.29 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

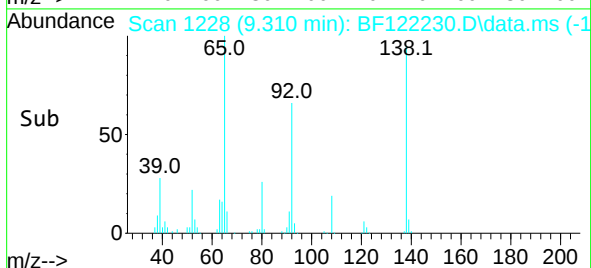
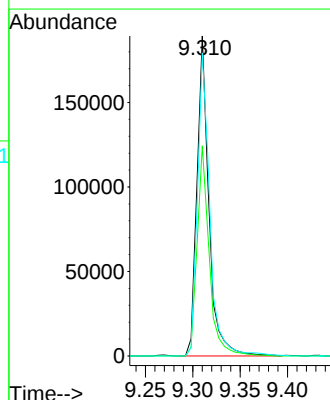
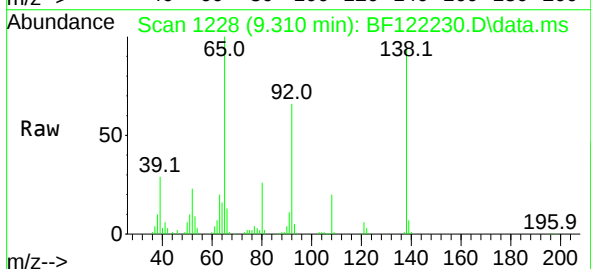
Instrument :
BNA_F
ClientSampleId :
124031MSD

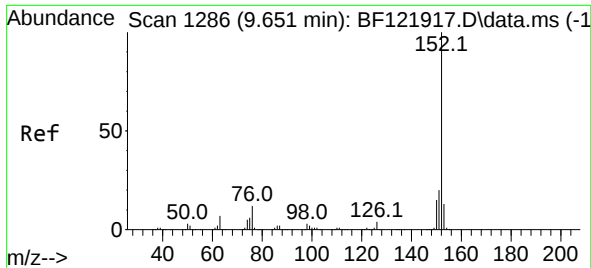
Tgt Ion:162 Resp: 448909
Ion Ratio Lower Upper
162 100
127 42.4 34.4 51.6
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 49.89 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 65 Resp: 166793
Ion Ratio Lower Upper
65 100
92 65.7 55.1 82.7
138 94.6 80.5 120.7

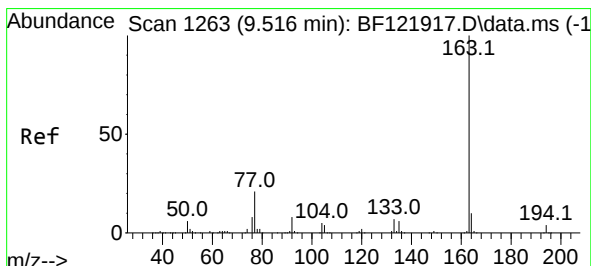
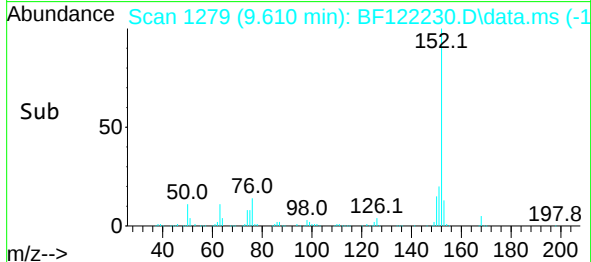
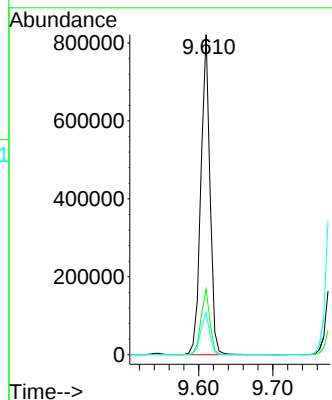
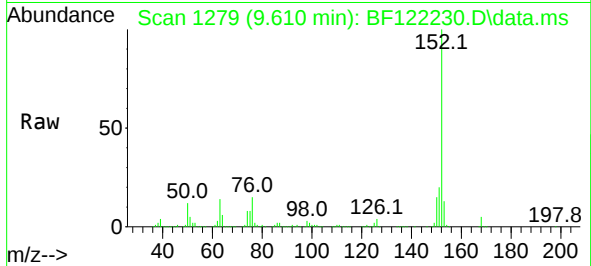




#49
Acenaphthylene
Concen: 44.78 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

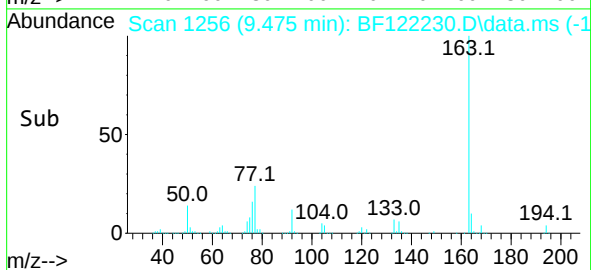
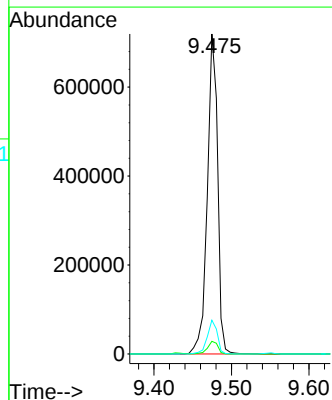
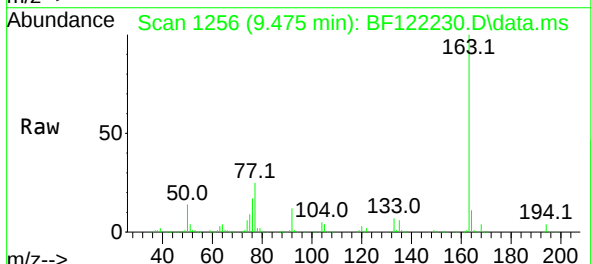
Instrument :
BNA_F
ClientSampleId :
124031MSD

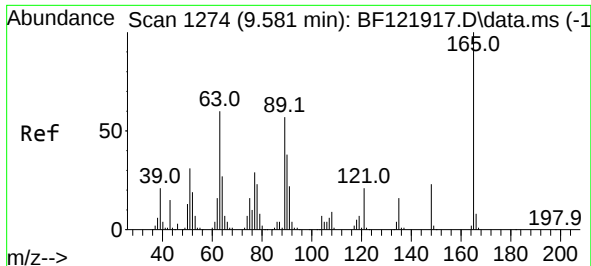
Tgt Ion:152 Resp: 697043
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 56.66 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:163 Resp: 664185
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.2 12.4

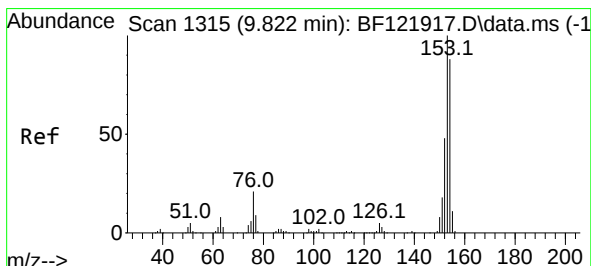
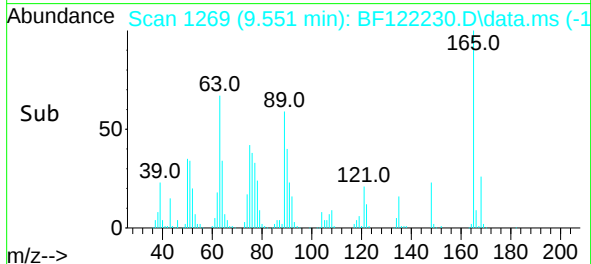
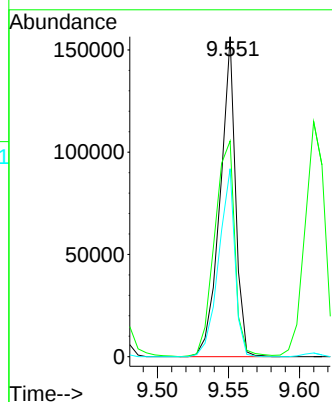
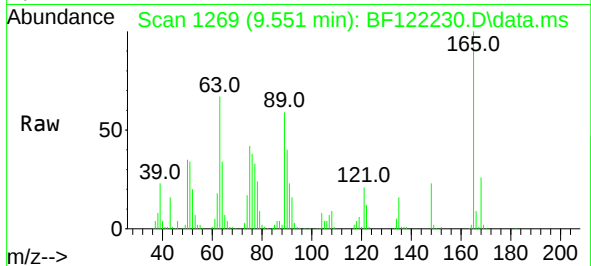




#51
2,6-Dinitrotoluene
Concen: 45.84 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

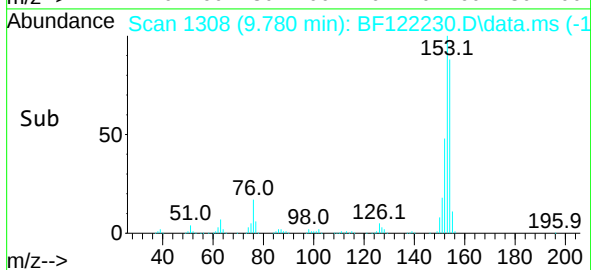
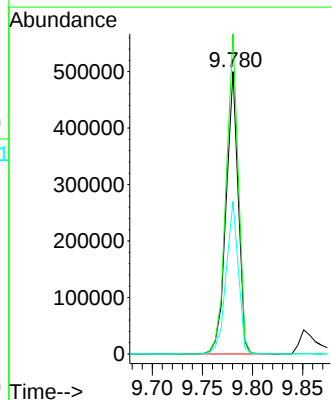
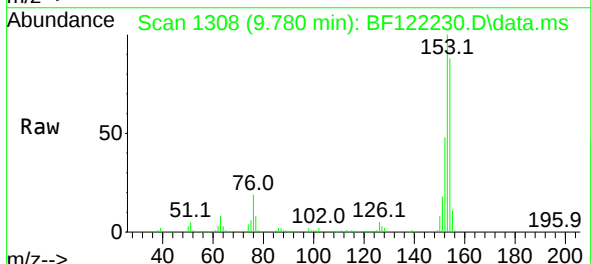
Instrument :
BNA_F
ClientSampleId :
124031MSD

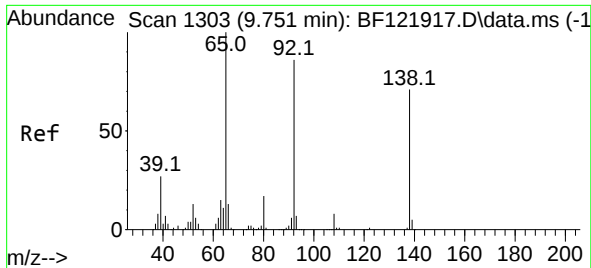
Tgt Ion:165 Resp: 117873
Ion Ratio Lower Upper
165 100
63 67.4 51.8 77.6
89 58.8 49.0 73.6



#52
Acenaphthene
Concen: 45.47 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:154 Resp: 421089
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.8
152 54.1 43.2 64.8

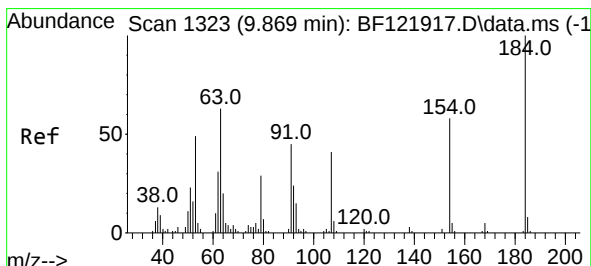
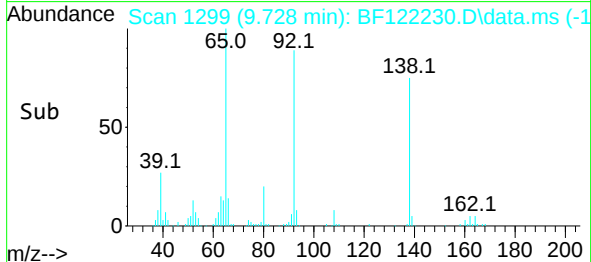
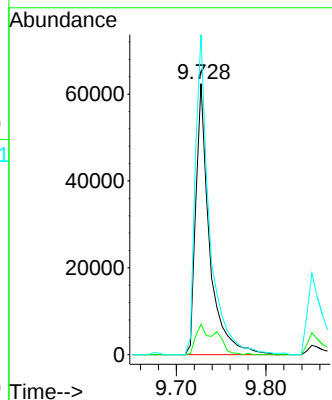
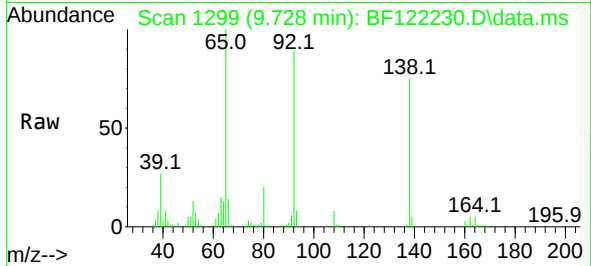




#53
3-Nitroaniline
Concen: 22.52 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

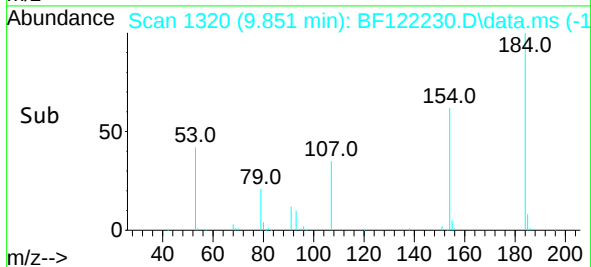
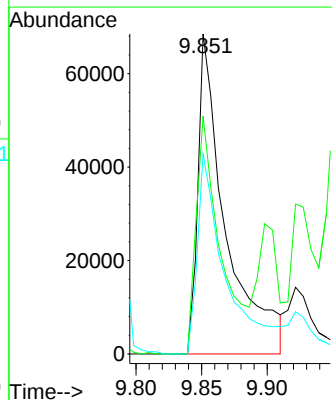
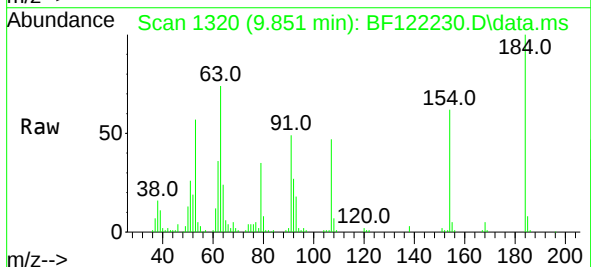
Instrument :
BNA_F
ClientSampleId :
124031MSD

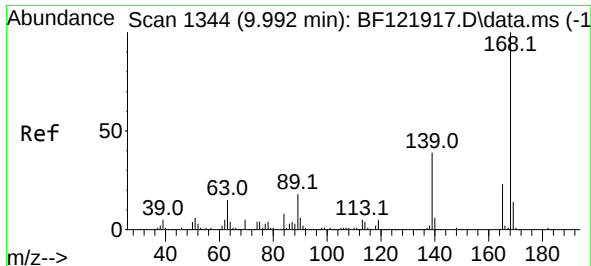
Tgt Ion:138 Resp: 65858
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 118.0 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 77.12 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:184 Resp: 100733
Ion Ratio Lower Upper
184 100
63 74.3 45.9 68.9#
154 62.4 45.8 68.6





#55

Dibenzenofuran

Concen: 45.83 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:168 Resp: 620655

Ion Ratio Lower Upper

168 100

139 42.1 31.0 46.6

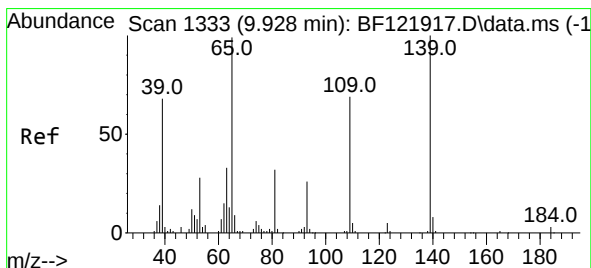
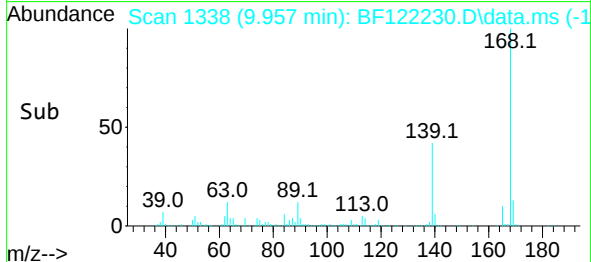
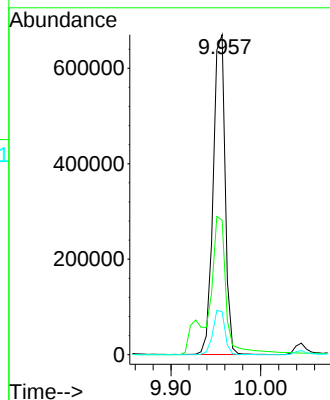
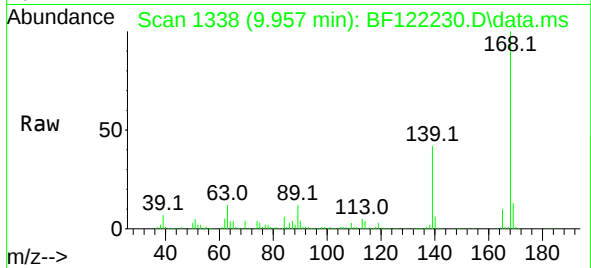
169 13.4 11.3 16.9

Instrument :

BNA_F

ClientSampleId :

124031MSD



#56

4-Nitrophenol

Concen: 259.01 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.041 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

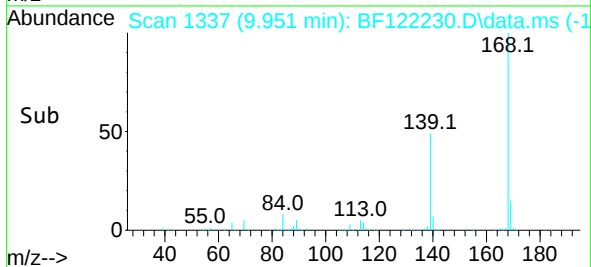
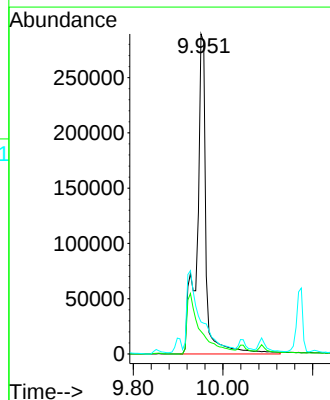
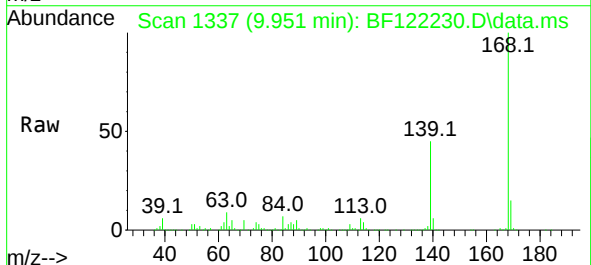
Tgt Ion:139 Resp: 412016

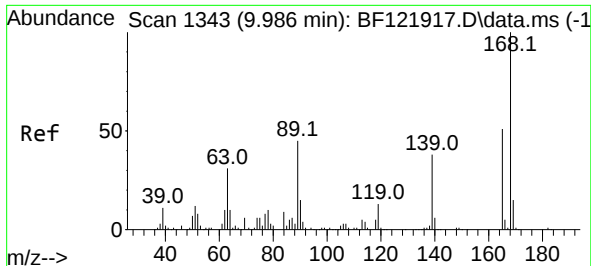
Ion Ratio Lower Upper

139 100

109 7.1 45.4 85.4#

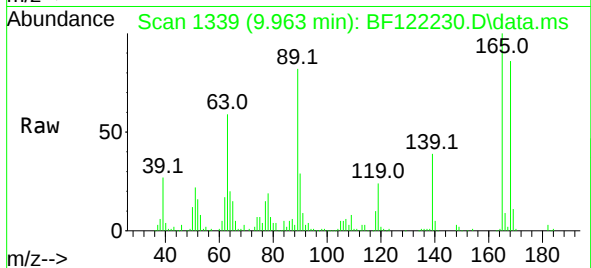
65 10.0 68.4 108.4#



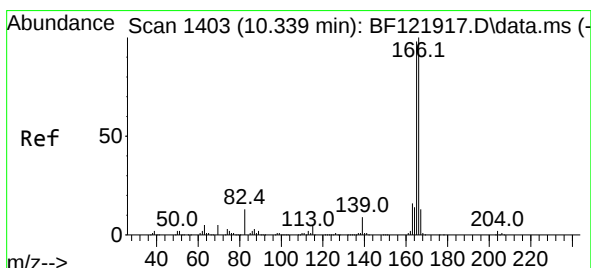
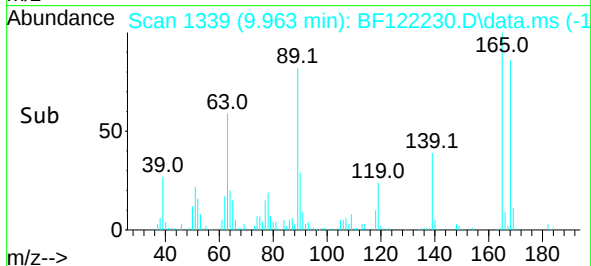
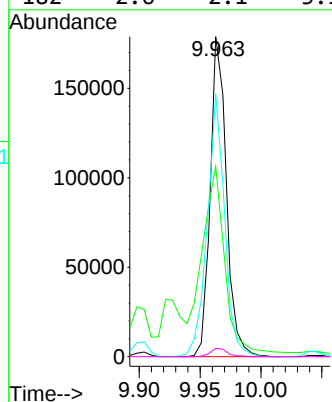


#57
2,4-Dinitrotoluene
Concen: 52.04 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

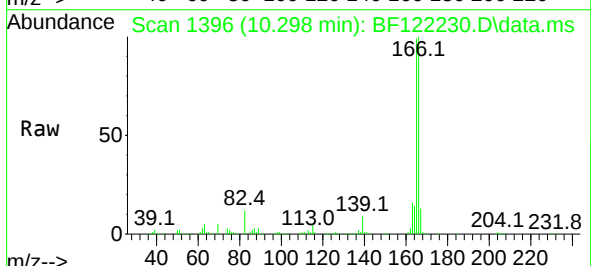
Instrument :
BNA_F
ClientSampleId :
124031MSD



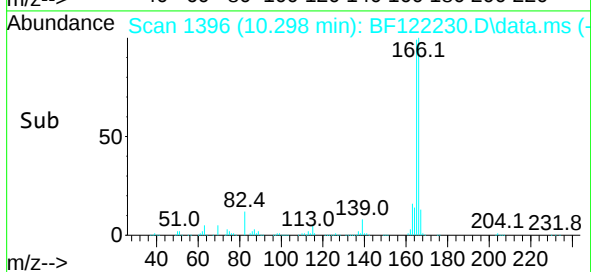
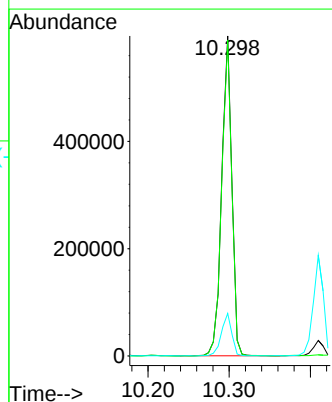
Tgt Ion:165 Resp: 164727
Ion Ratio Lower Upper
165 100
63 59.4 41.3 61.9
89 82.1 61.8 92.8
182 2.6 2.1 3.1

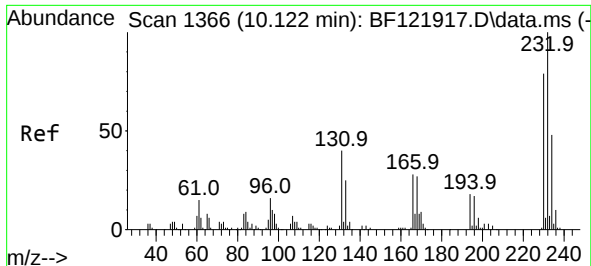


#58
Fluorene
Concen: 47.63 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24



Tgt Ion:166 Resp: 519684
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.3 11.0 16.6

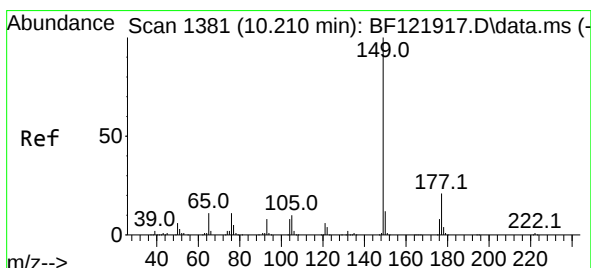
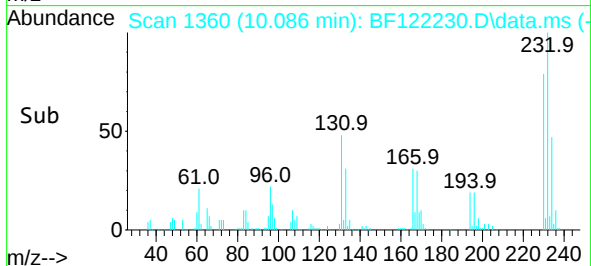
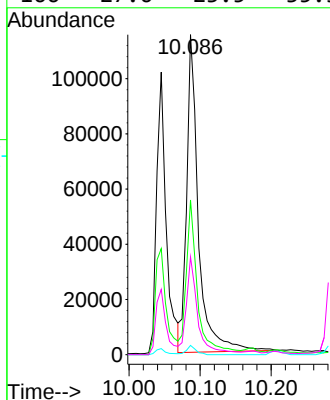
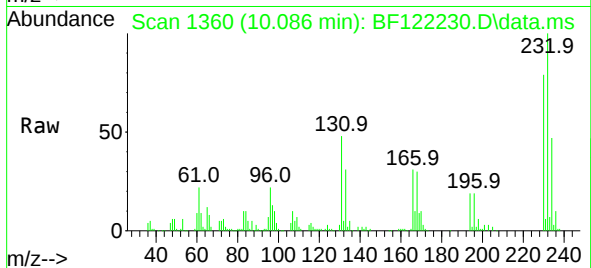




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.54 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

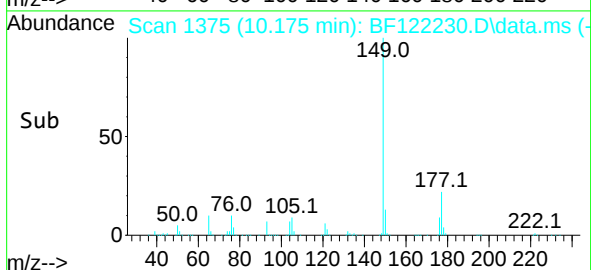
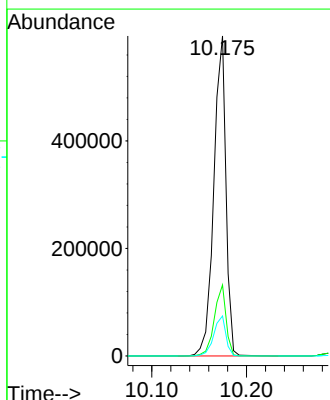
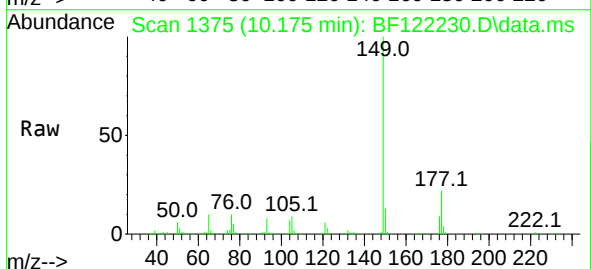
Instrument :
BNA_F
ClientSampleId :
124031MSD

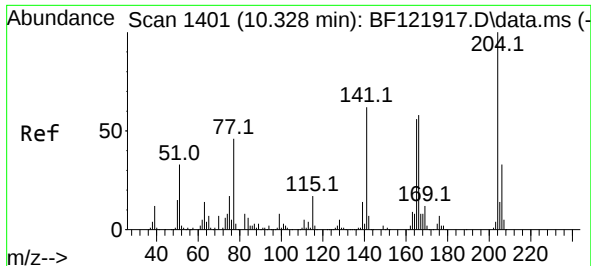
Tgt Ion:232 Resp: 132126
Ion Ratio Lower Upper
232 100
131 43.2 35.9 53.9
130 2.3 1.8 2.6
166 27.6 23.5 35.3



#60
Diethylphthalate
Concen: 46.64 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:149 Resp: 527214
Ion Ratio Lower Upper
149 100
177 22.2 18.1 27.1
150 12.5 10.3 15.5

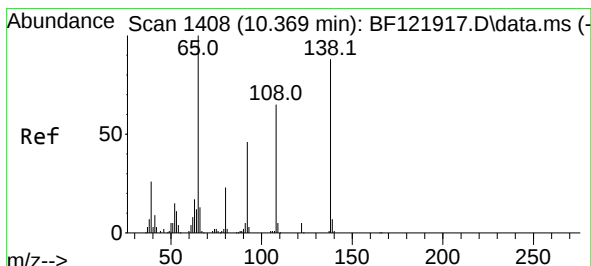
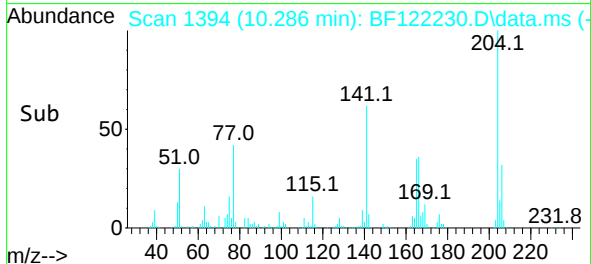
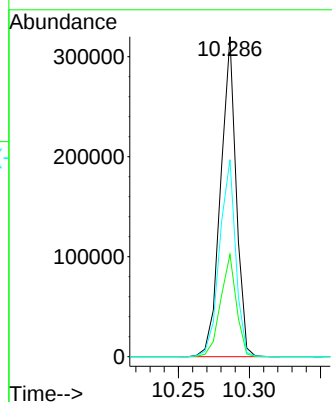
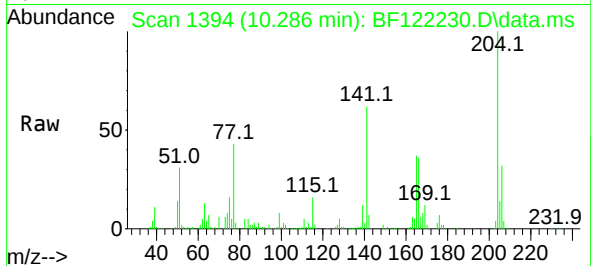




#61
4-Chlorophenyl-phenylether
Concen: 46.59 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

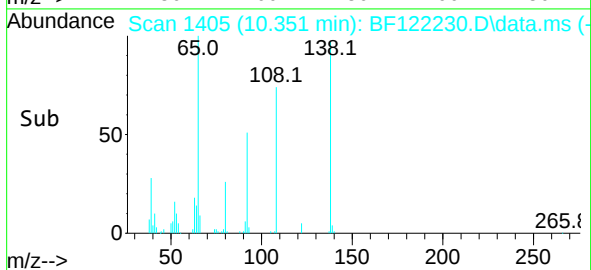
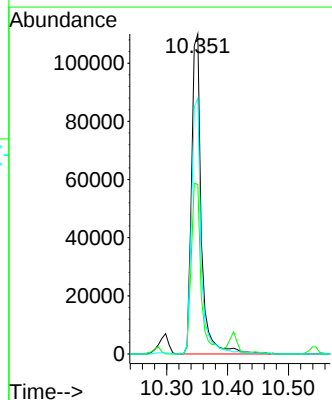
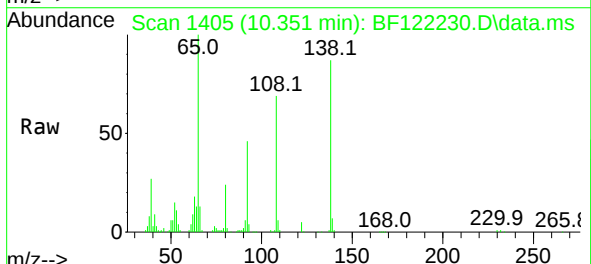
Instrument :
BNA_F
ClientSampleId :
124031MSD

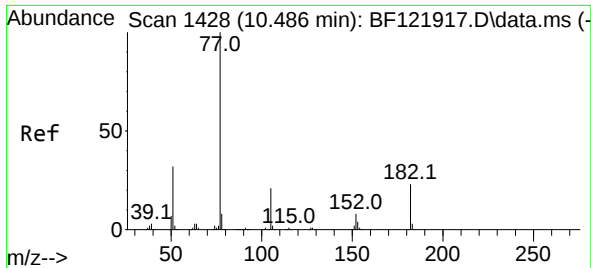
Tgt Ion:204 Resp: 243771
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 61.6 46.2 69.4



#62
4-Nitroaniline
Concen: 42.05 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:138 Resp: 122859
Ion Ratio Lower Upper
138 100
92 52.9 31.0 71.0
108 80.0 51.5 91.5

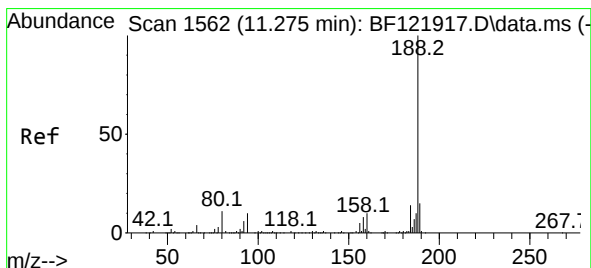
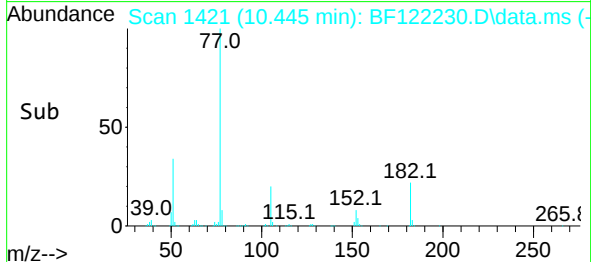
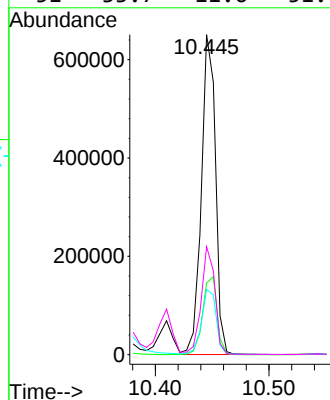
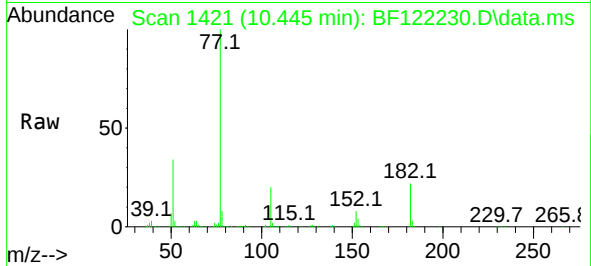




#63
Azobenzene
Concen: 46.86 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

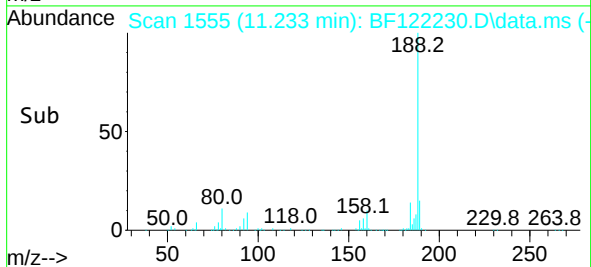
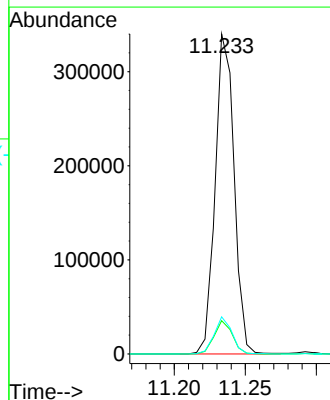
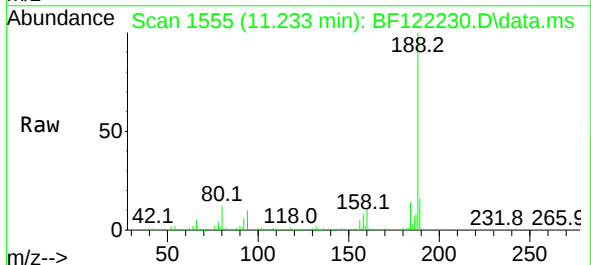
Instrument :
BNA_F
ClientSampleId :
124031MSD

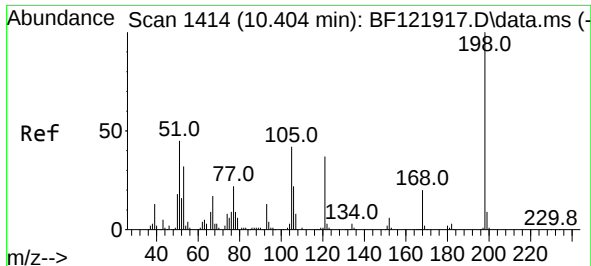
Tgt Ion: 77	Resp: 560178
Ion Ratio	Lower Upper
77 100	
182 22.4	3.4 43.4
105 20.4	1.7 41.7
51 33.7	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion: 188	Resp: 314884
Ion Ratio	Lower Upper
188 100	
94 10.4	8.3 12.5
80 11.6	9.1 13.7

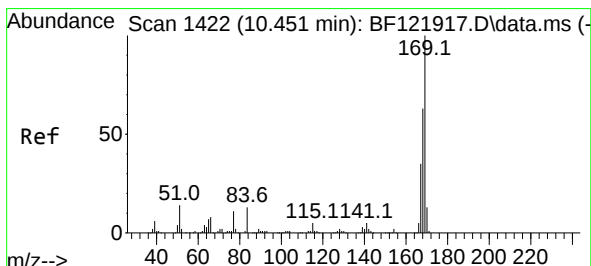
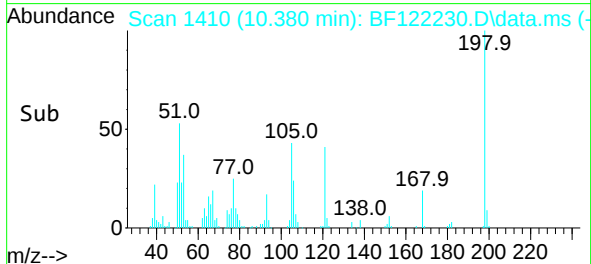
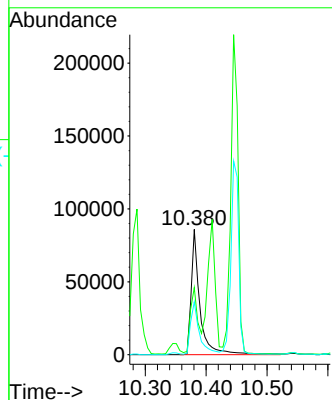
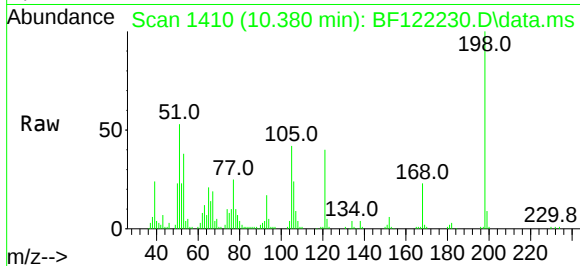




#65
4,6-Dinitro-2-methylphenol
Concen: 41.16 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

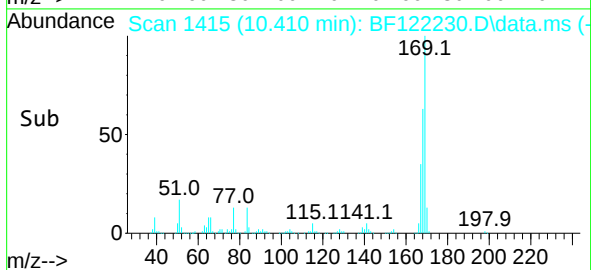
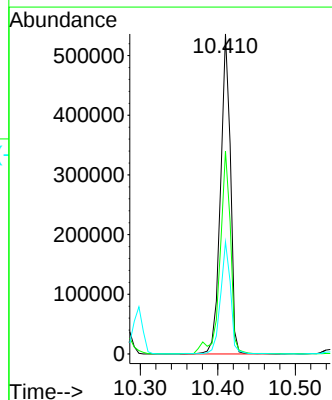
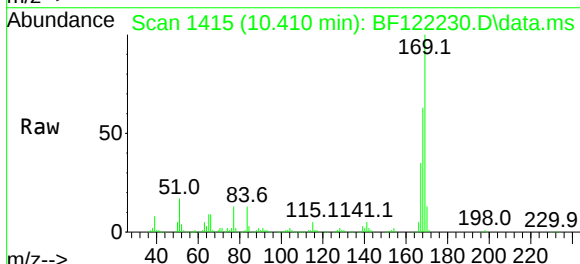
Instrument :
BNA_F
ClientSampleId :
124031MSD

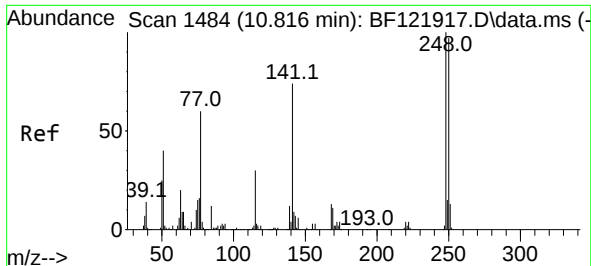
Tgt Ion:198 Resp: 85367
Ion Ratio Lower Upper
198 100
51 53.5 29.6 69.6
105 42.2 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 44.00 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:169 Resp: 477281
Ion Ratio Lower Upper
169 100
168 63.4 50.0 75.0
167 35.0 27.8 41.6

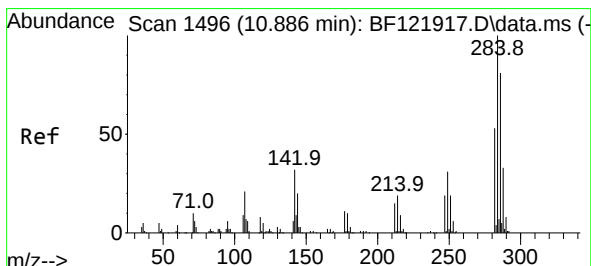
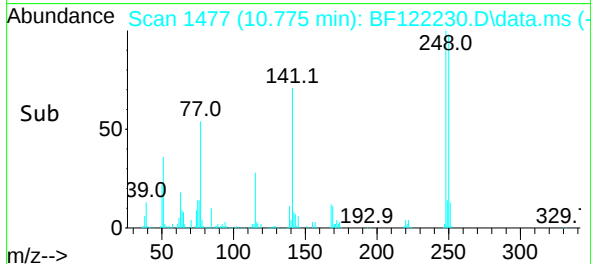
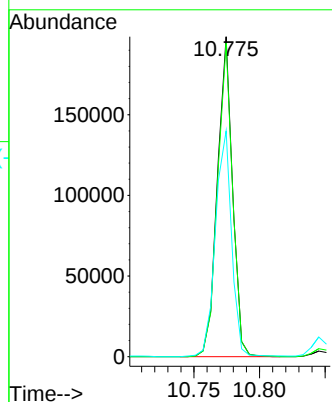
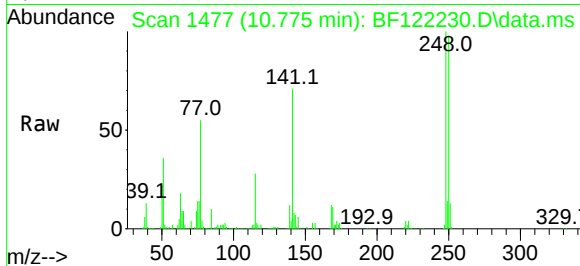




#67
4-Bromophenyl-phenylether
Concen: 43.77 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

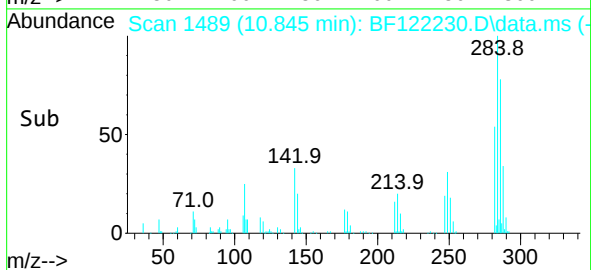
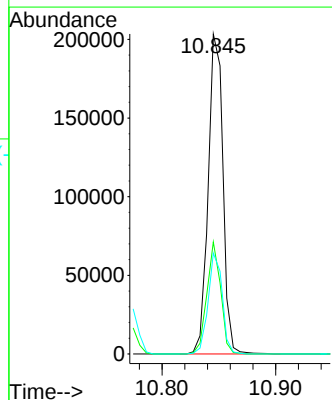
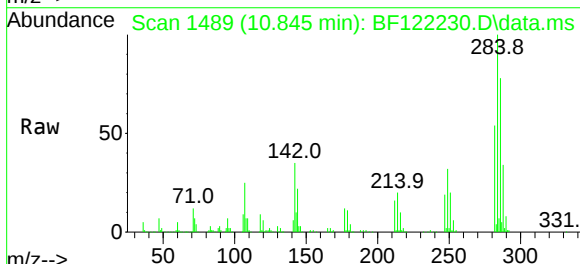
Instrument :
BNA_F
ClientSampleId :
124031MSD

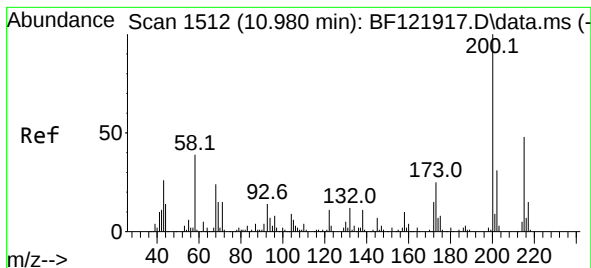
Tgt Ion:248 Resp: 159243
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.6
141 70.5 53.7 80.5



#68
Hexachlorobenzene
Concen: 44.49 ng
RT: 10.845 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:284 Resp: 183201
Ion Ratio Lower Upper
284 100
142 35.0 27.4 41.2
249 31.5 24.2 36.4





#69

Atrazine

Concen: 47.56 ng

RT: 10.939 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:200 Resp: 126149

Ion Ratio Lower Upper

200 100

173 27.1 7.5 47.5

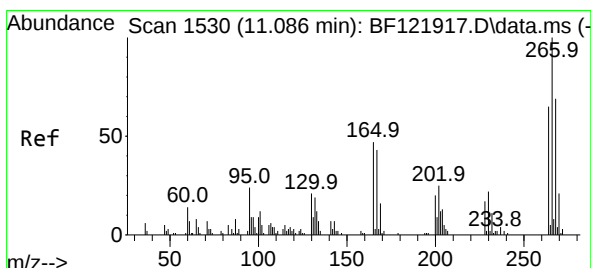
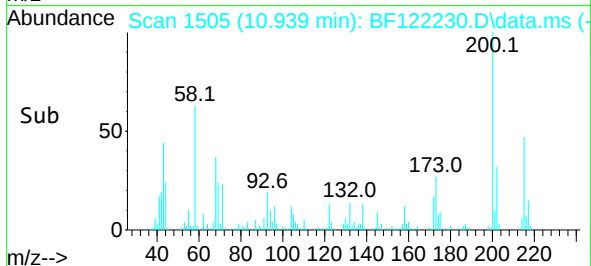
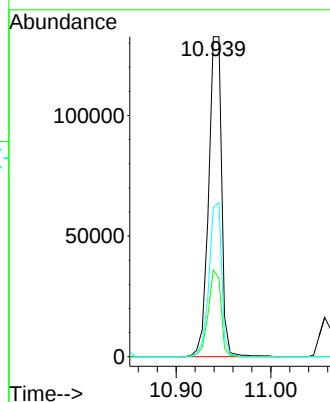
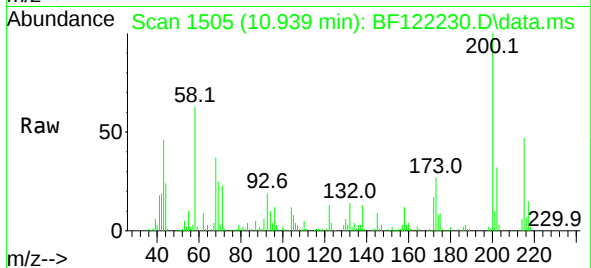
215 46.7 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

124031MSD



#70

Pentachlorophenol

Concen: 76.17 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

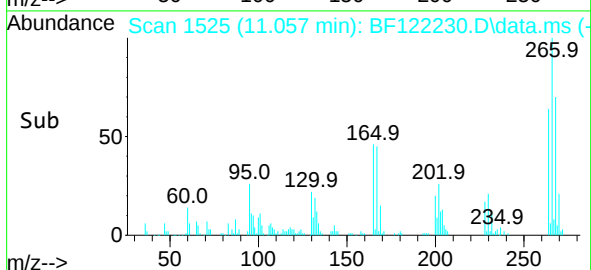
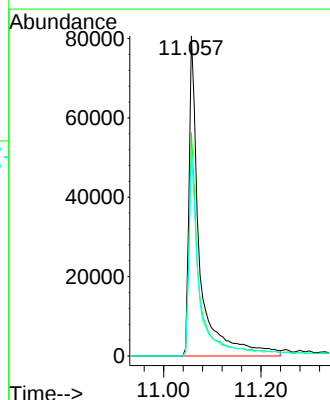
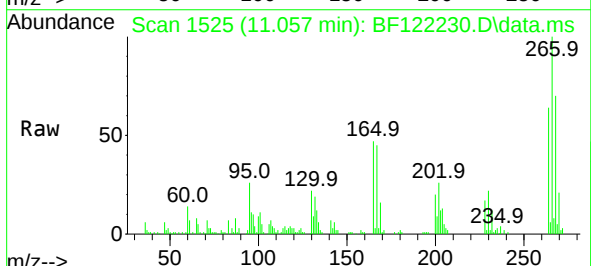
Tgt Ion:266 Resp: 122629

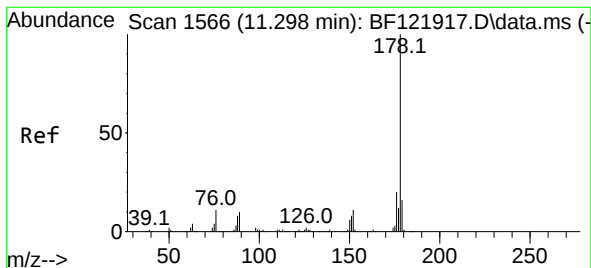
Ion Ratio Lower Upper

266 100

268 69.8 52.4 78.6

264 64.1 49.9 74.9

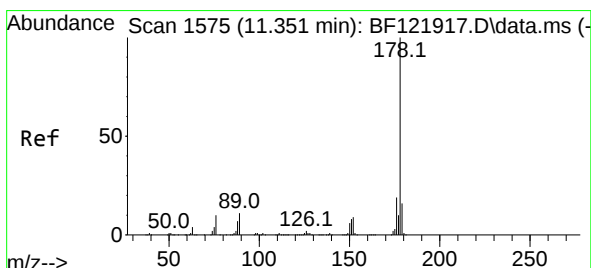
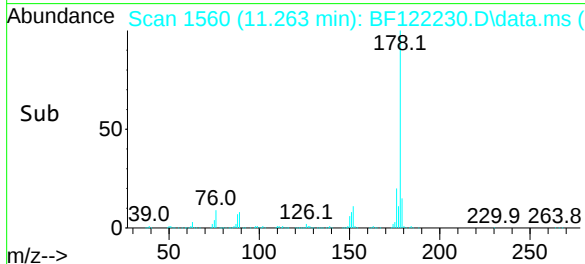
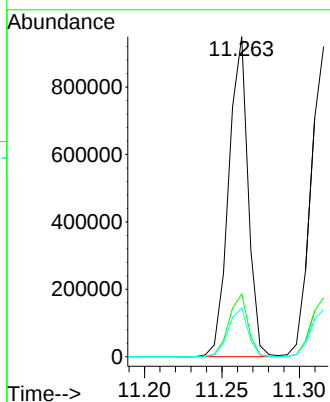
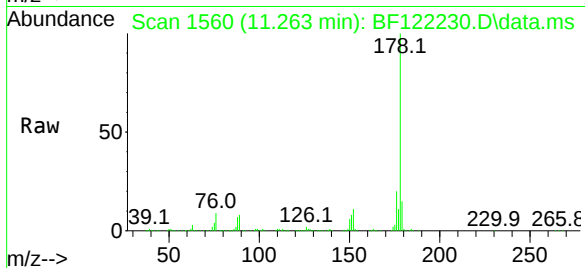




#71
Phenanthrene
Concen: 47.85 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

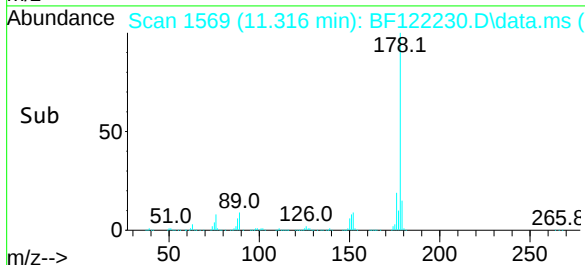
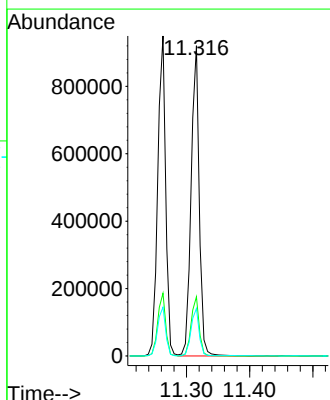
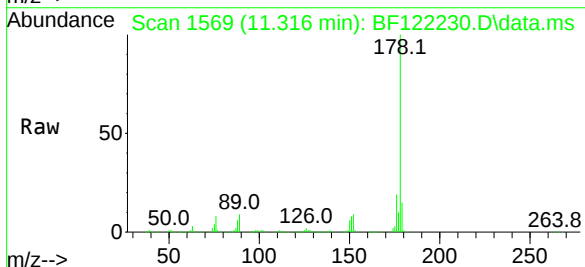
Instrument :
BNA_F
ClientSampleId :
124031MSD

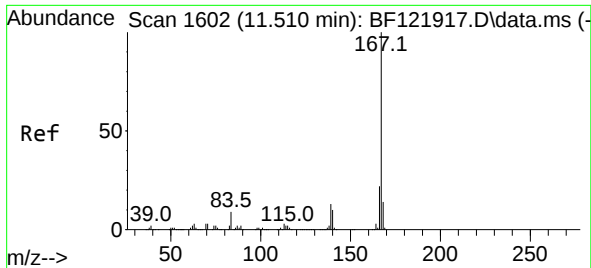
Tgt Ion:178 Resp: 826154
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.2 12.2 18.4



#72
Anthracene
Concen: 46.17 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:178 Resp: 826765
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.3 12.7 19.1

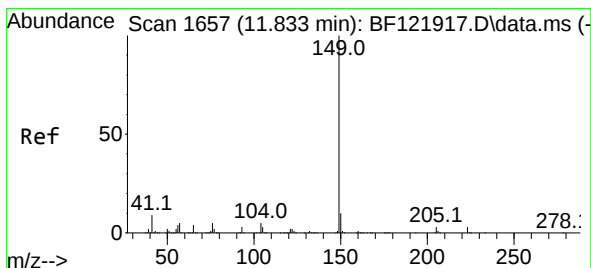
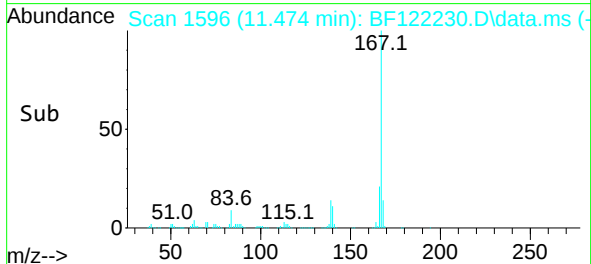
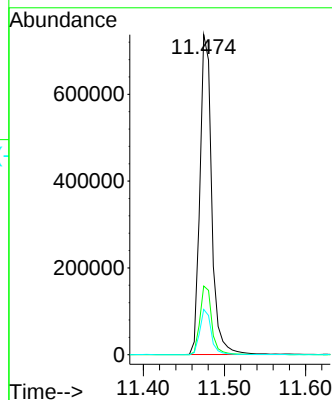
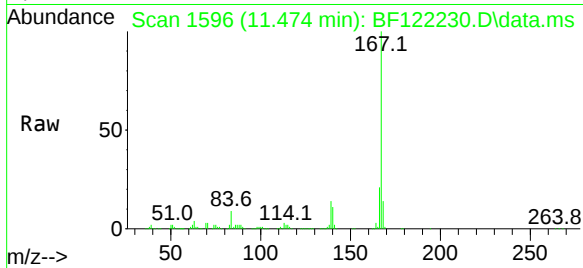




#73
 Carbazole
 Concen: 46.75 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

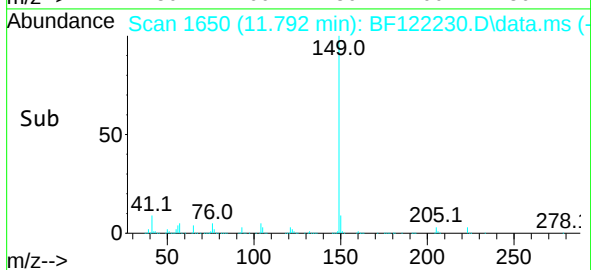
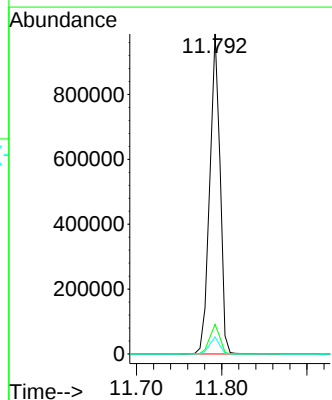
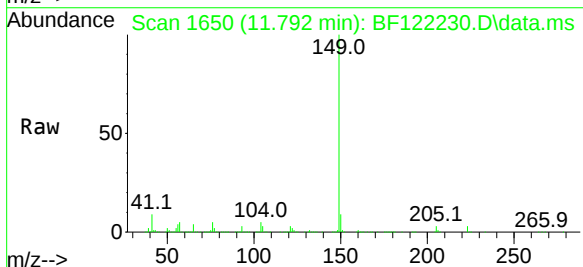
Instrument :
 BNA_F
 ClientSampleId :
 124031MSD

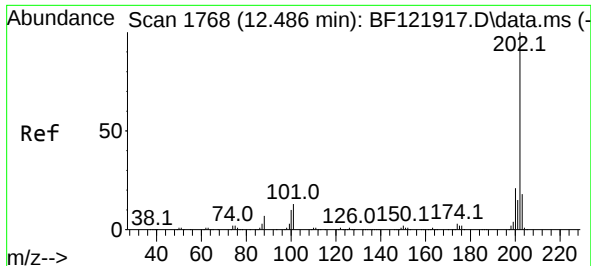
Tgt Ion:167	Resp: 744289
Ion Ratio	Lower Upper
167 100	
166 21.5	17.8 26.6
139 14.2	10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.25 ng
 RT: 11.792 min Scan# 1650
 Delta R.T. -0.000 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

Tgt Ion:149	Resp: 828971
Ion Ratio	Lower Upper
149 100	
150 9.3	7.7 11.5
104 5.3	4.2 6.2

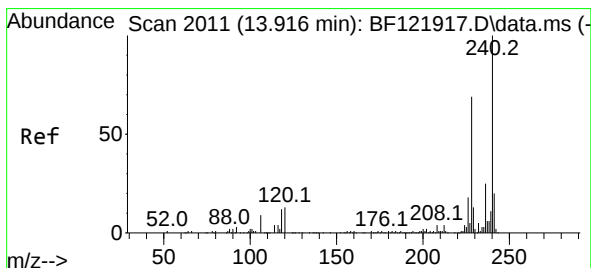
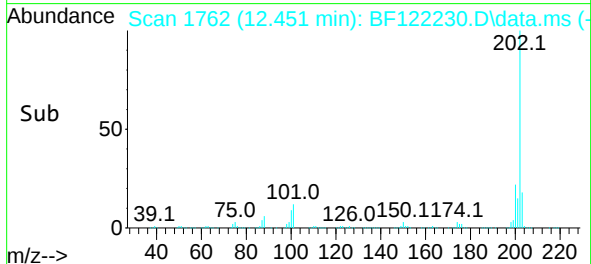
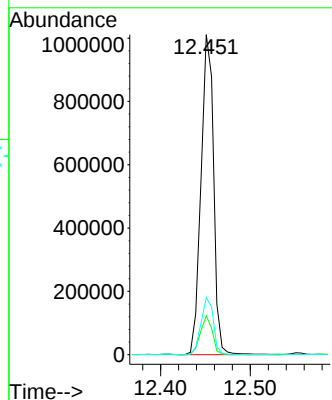
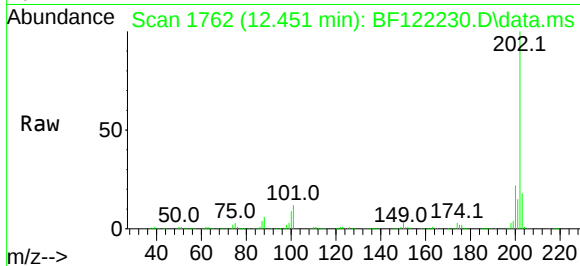




#75
Fluoranthene
Concen: 53.21 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

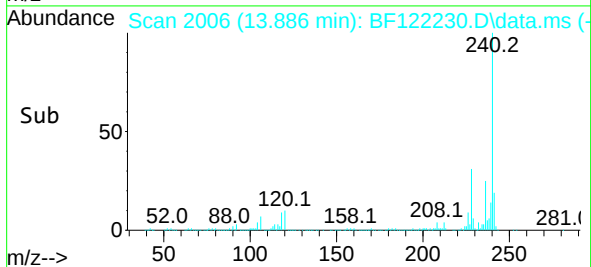
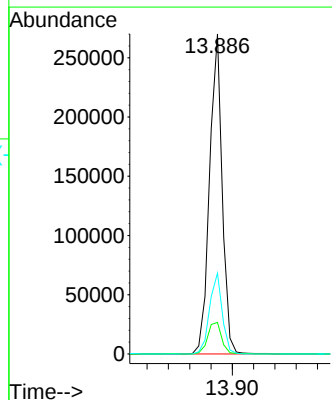
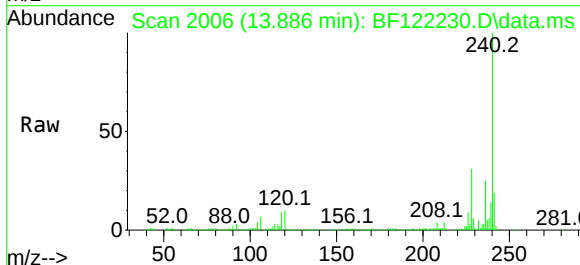
Instrument :
BNA_F
ClientSampleId :
124031MSD

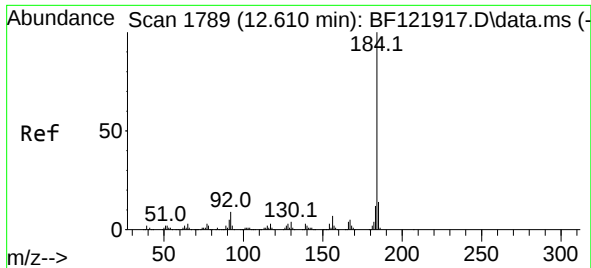
Tgt Ion:202 Resp: 985114
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:240 Resp: 223039
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 25.2 20.9 31.3

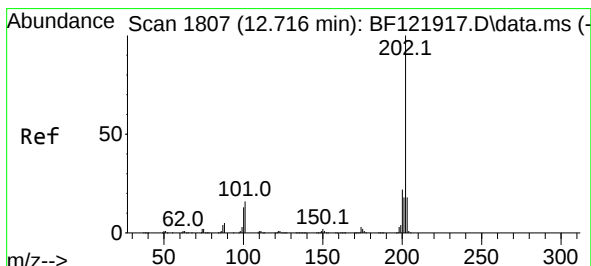
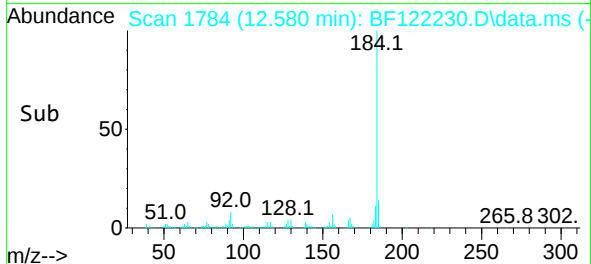
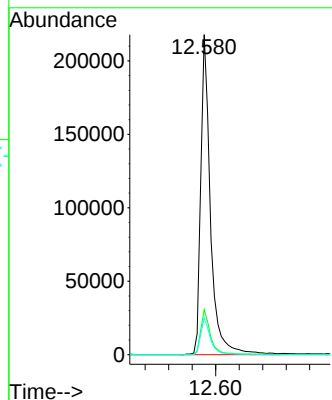
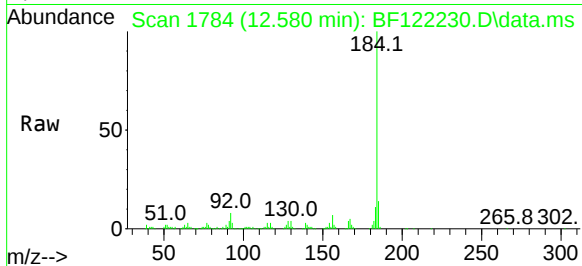




#77
Benzidine
Concen: 36.57 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

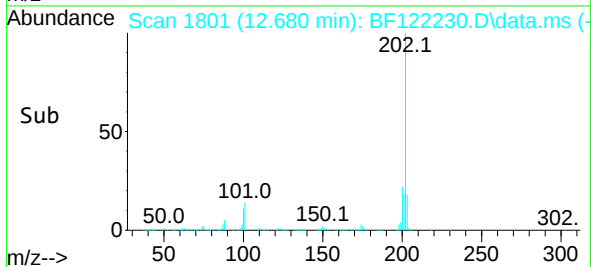
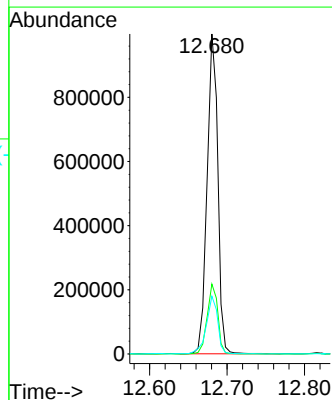
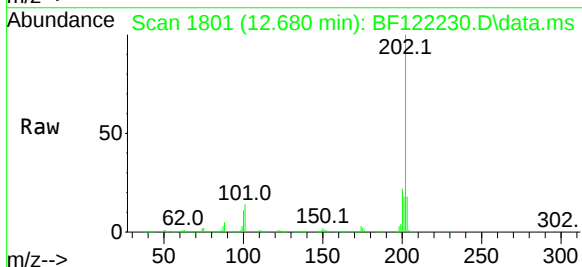
Instrument :
BNA_F
ClientSampleId :
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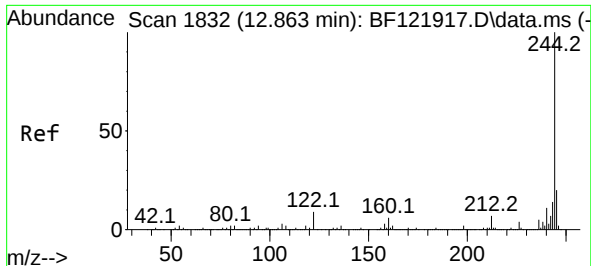
Tgt Ion:184 Resp: 251440
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.5 9.4 14.0



#78
Pyrene
Concen: 56.34 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:202 Resp: 957597
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.1 14.6 21.8

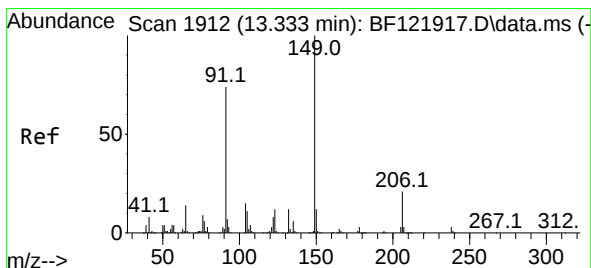
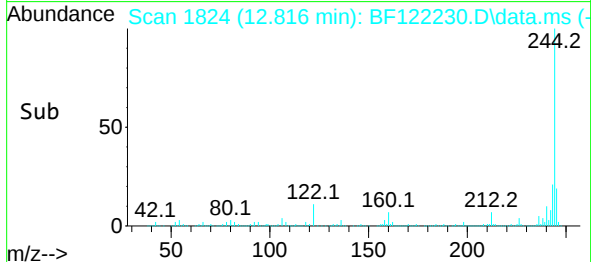
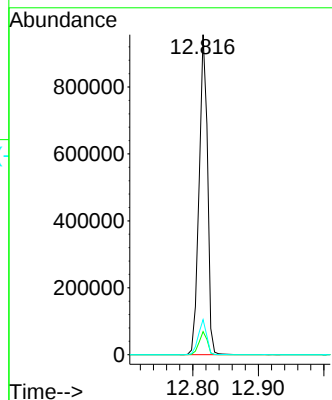
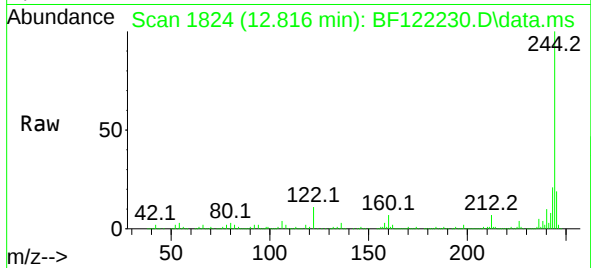




#79
 Terphenyl-d14
 Concen: 73.03 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

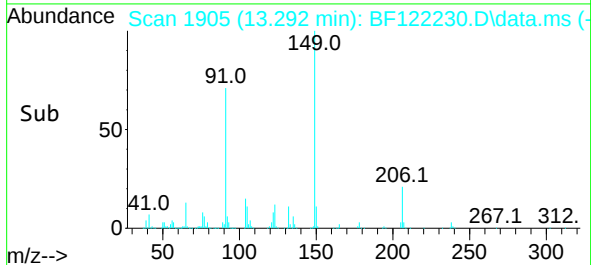
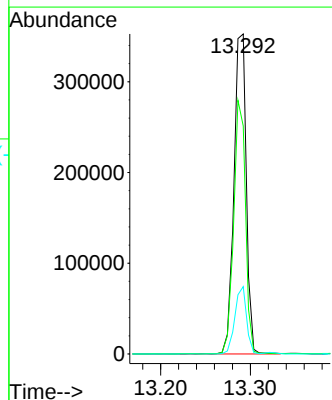
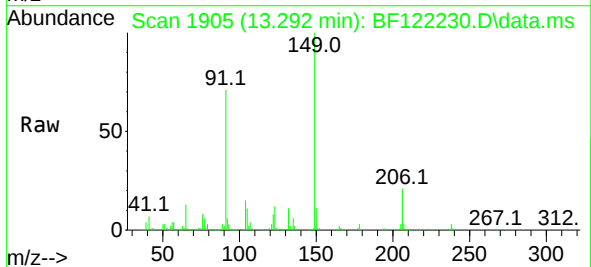
Instrument :
 BNA_F
 ClientSampleId :
 124031MSD

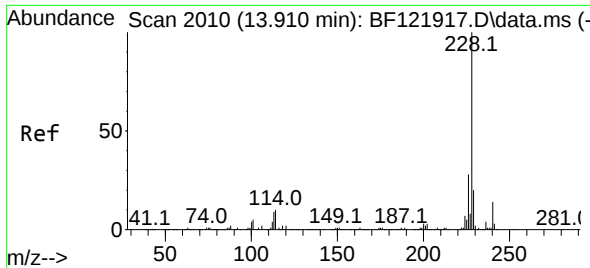
Tgt Ion:244 Resp: 854657
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.9 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 50.03 ng
 RT: 13.292 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BF122230.D
 Acq: 2 Nov 2020 17:24

Tgt Ion:149 Resp: 337196
 Ion Ratio Lower Upper
 149 100
 91 71.2 61.0 91.4
 206 21.0 16.7 25.1

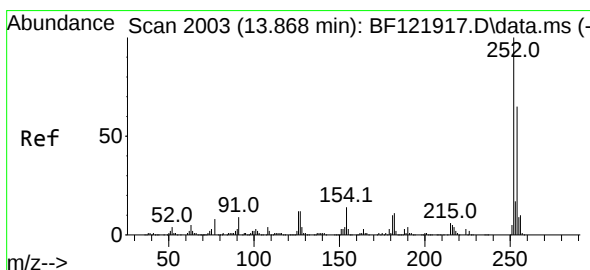
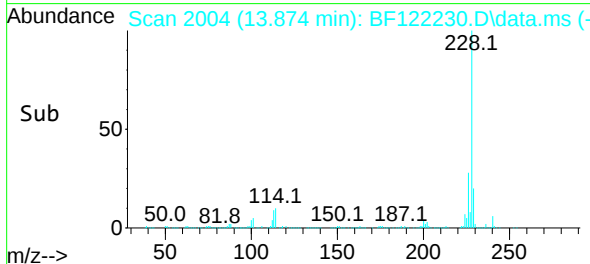
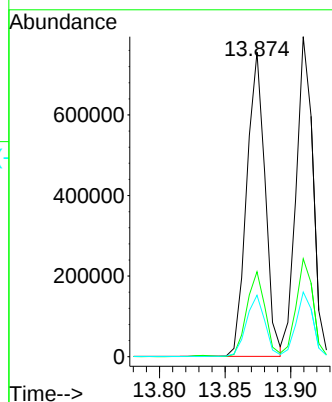
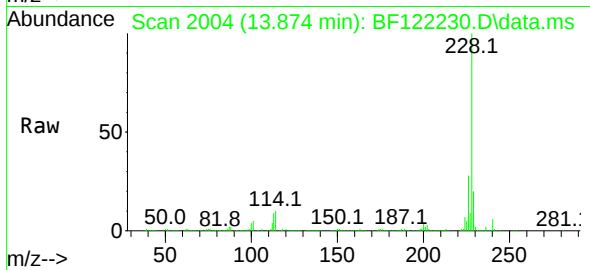




#81
Benzo(a)anthracene
Concen: 50.34 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

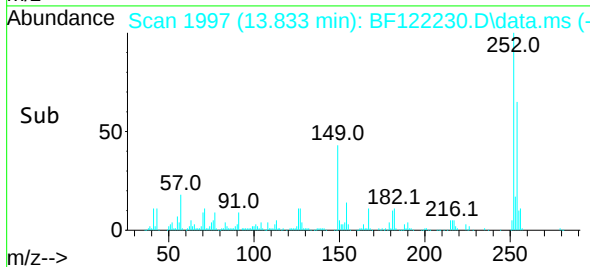
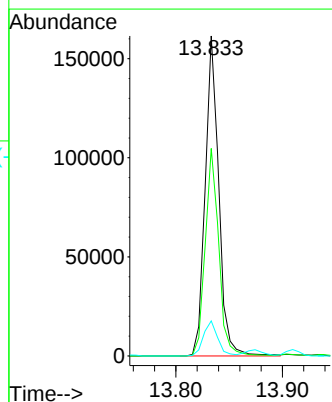
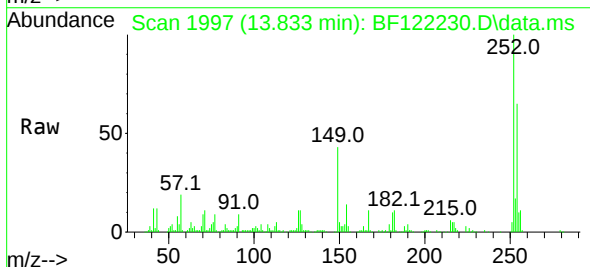
Instrument :
BNA_F
ClientSampleId :
124031MSD

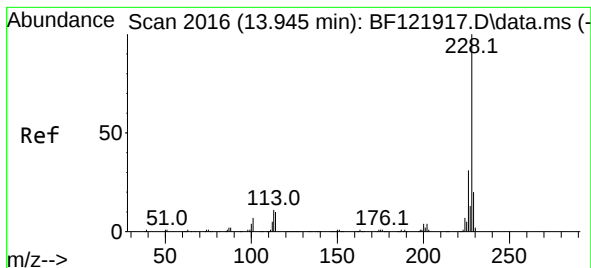
Tgt Ion:228 Resp: 735681
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 26.46 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:252 Resp: 143450
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.9 8.8 13.2





#83

Chrysene

Concen: 49.15 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

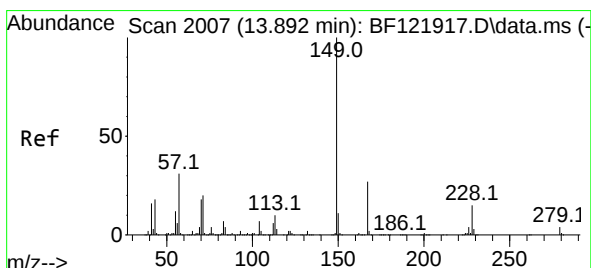
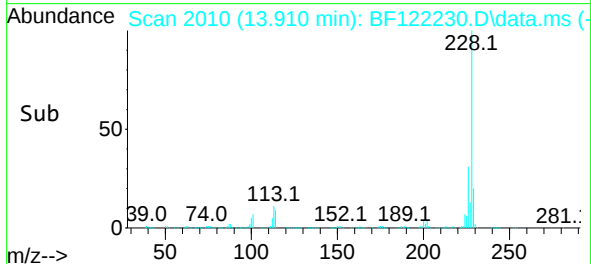
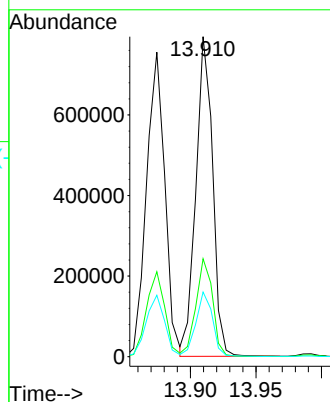
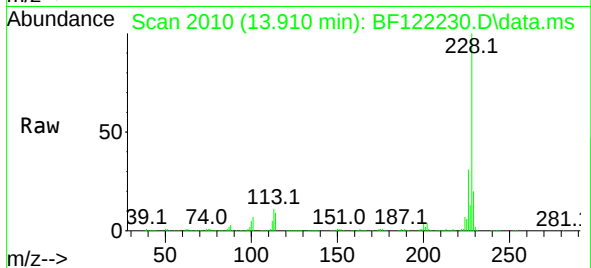
Tgt Ion:228 Resp: 705256

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.39 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

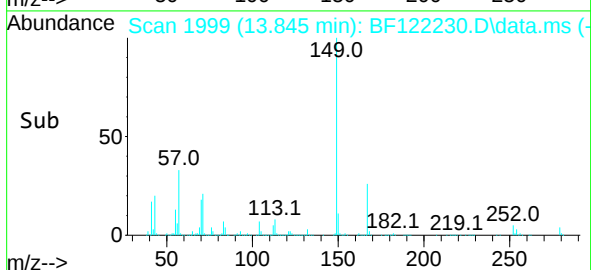
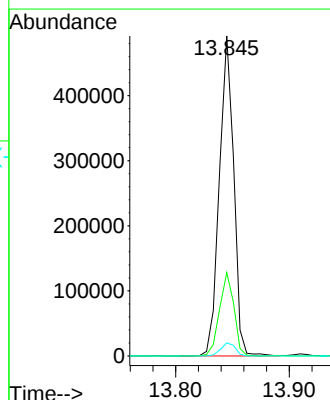
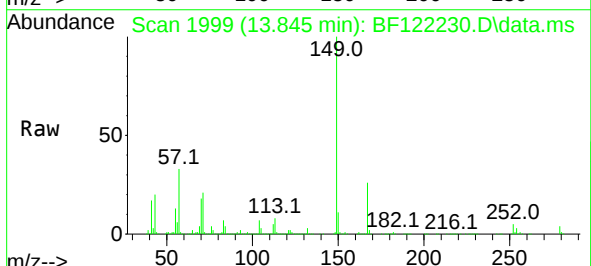
Tgt Ion:149 Resp: 433665

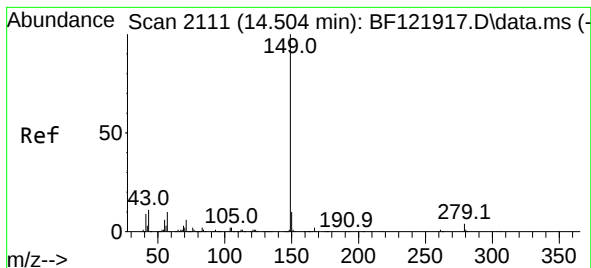
Ion Ratio Lower Upper

149 100

167 26.0 20.9 31.3

279 4.1 3.2 4.8

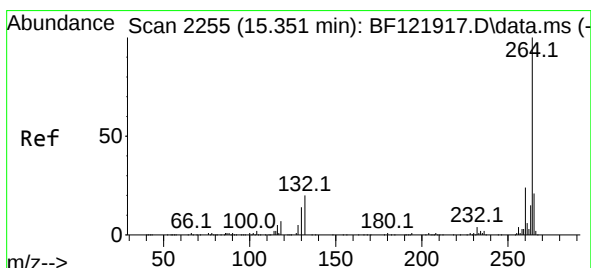
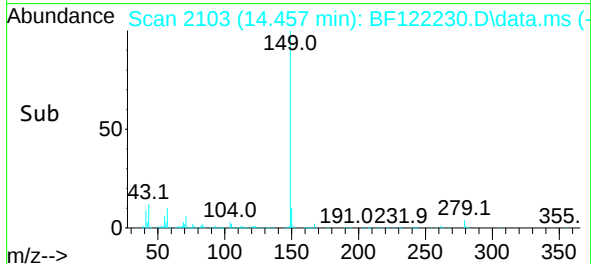
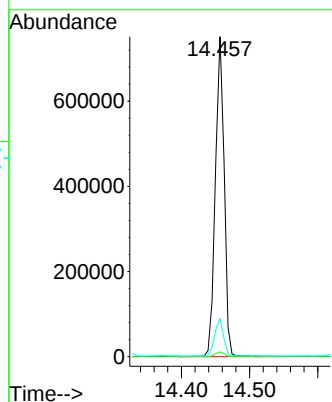
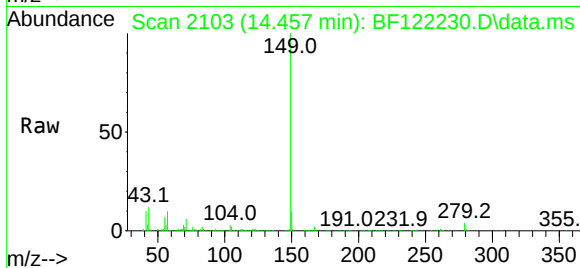




#85
Di-n-octyl phthalate
Concen: 45.98 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

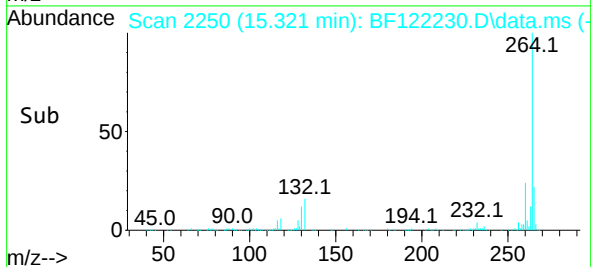
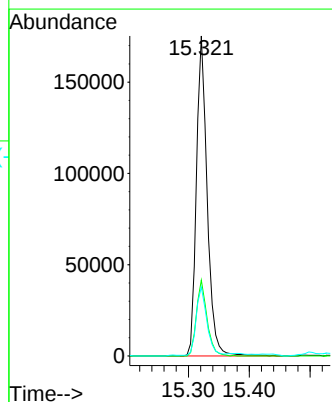
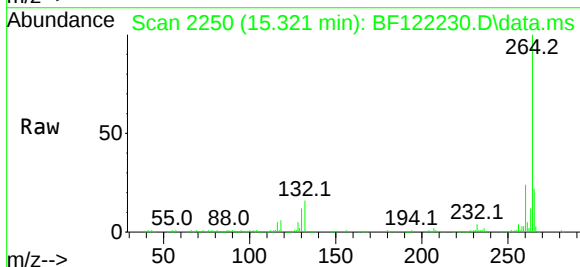
Instrument :
BNA_F
ClientSampleId :
124031MSD

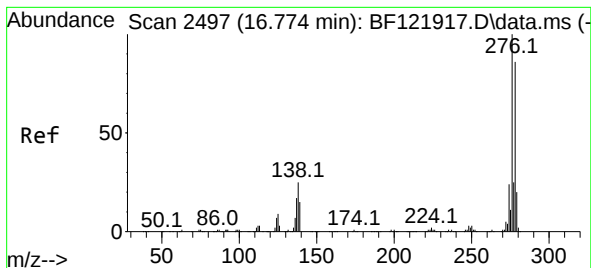
Tgt Ion:149 Resp: 680653
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:264 Resp: 215524
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.06 ng

RT: 16.751 min Scan# 2493

Delta R.T. 0.035 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:276 Resp: 728559

Ion Ratio Lower Upper

276 100

138 22.5 19.9 29.9

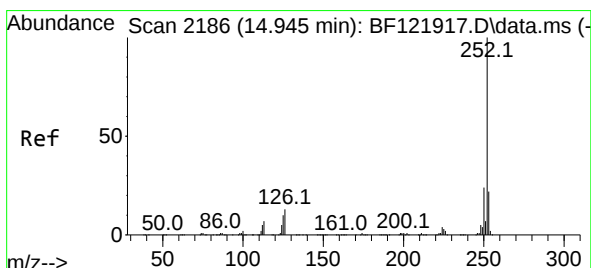
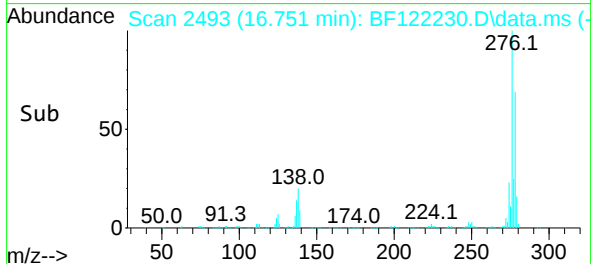
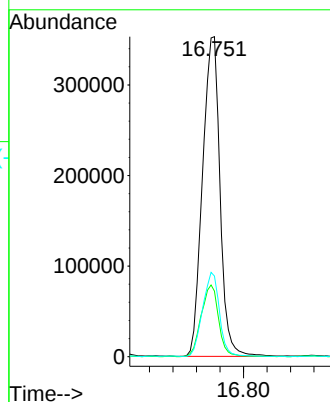
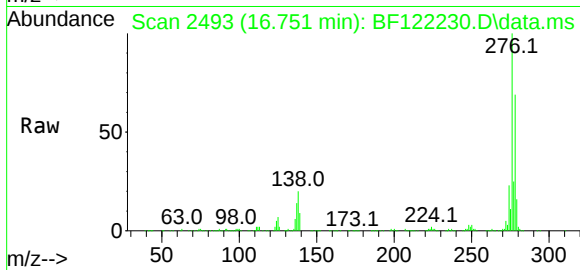
277 25.7 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

124031MSD



#88

Benzo(b)fluoranthene

Concen: 50.04 ng

RT: 14.910 min Scan# 2180

Delta R.T. 0.012 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

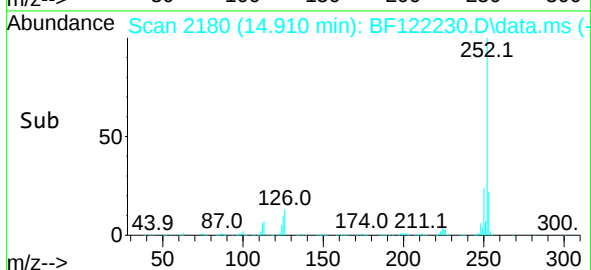
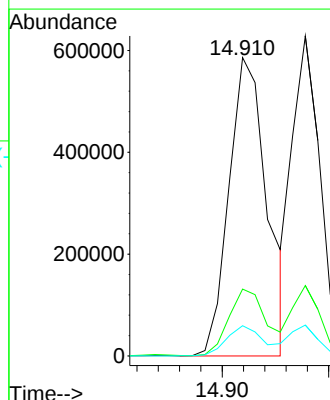
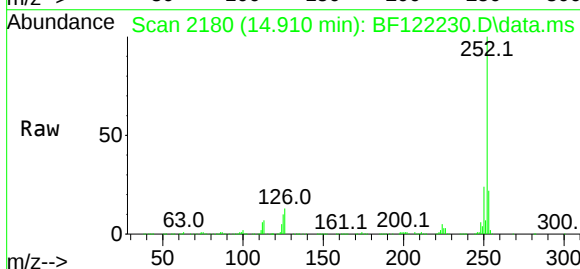
Tgt Ion:252 Resp: 729075

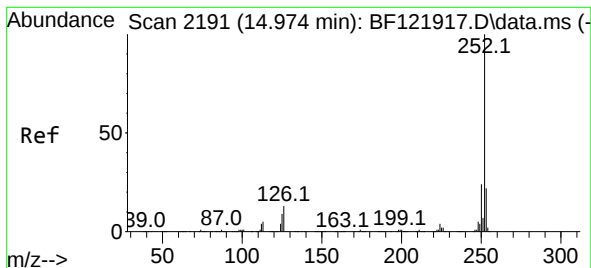
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.10 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.012 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

Tgt Ion:252 Resp: 582650

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

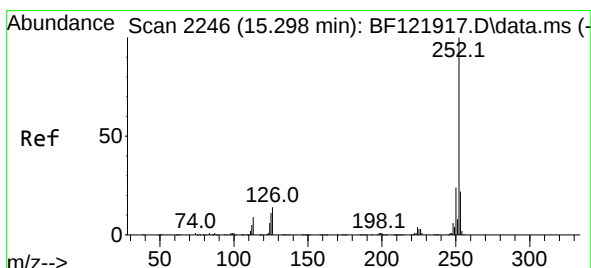
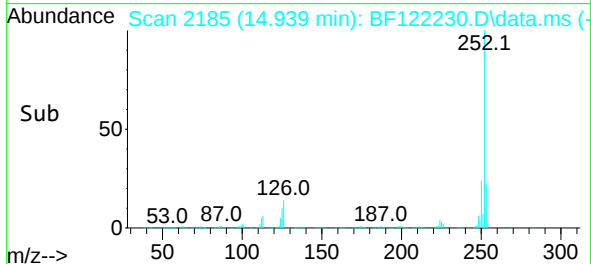
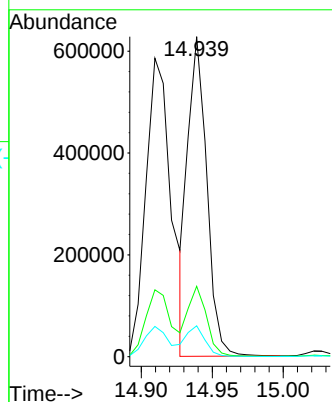
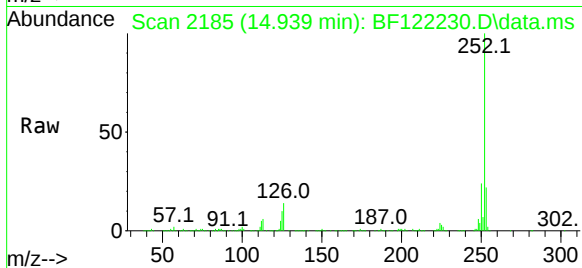
125 9.6 7.7 11.5

Instrument :

BNA_F

ClientSampleId :

124031MSD



#90

Benzo(a)pyrene

Concen: 48.39 ng

RT: 15.262 min Scan# 2240

Delta R.T. 0.012 min

Lab File: BF122230.D

Acq: 2 Nov 2020 17:24

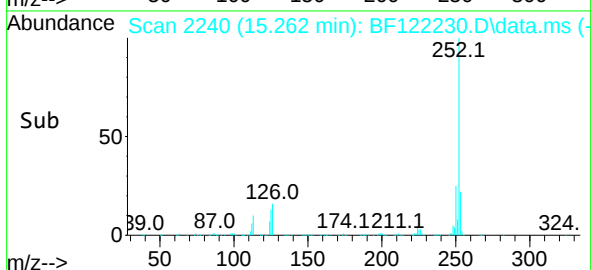
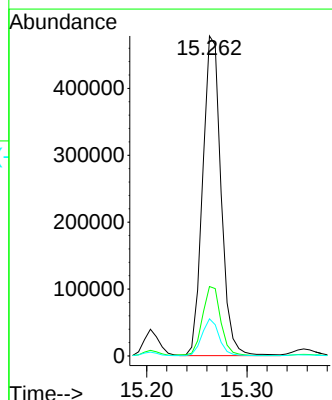
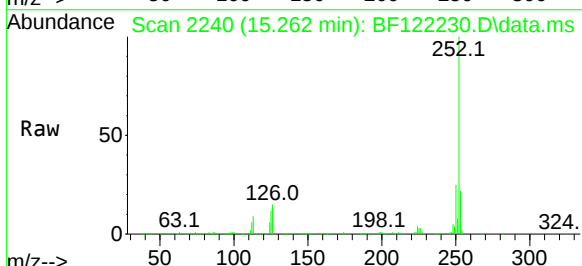
Tgt Ion:252 Resp: 608894

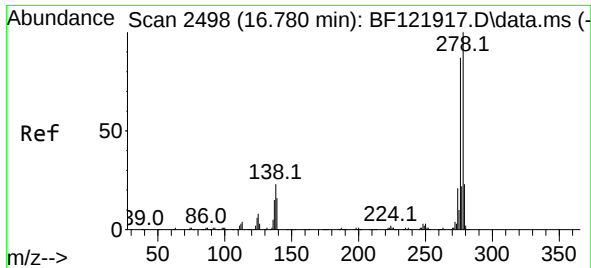
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.6 8.6 13.0

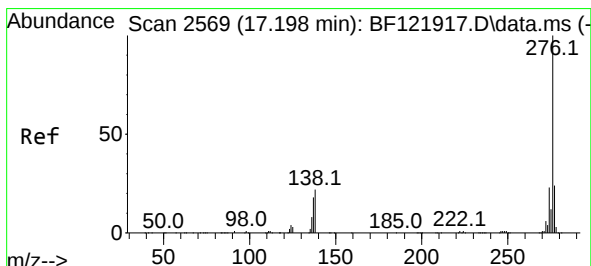
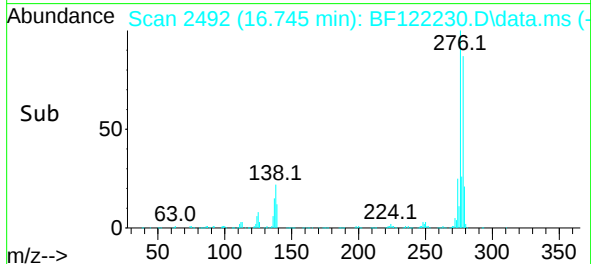
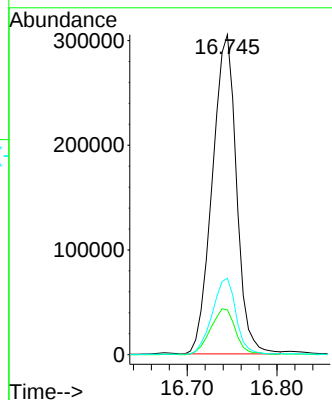
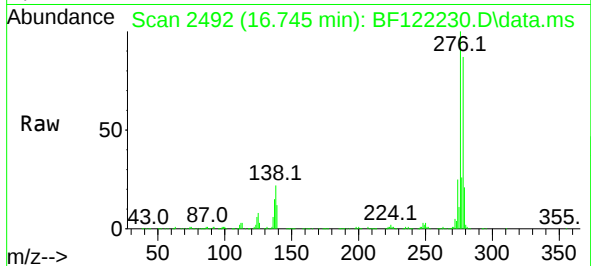




#91
Dibenzo(a,h)anthracene
Concen: 49.49 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Instrument :
BNA_F
ClientSampleId :
124031MSD

Tgt Ion:278 Resp: 570223
Ion Ratio Lower Upper
278 100
139 14.0 13.0 19.4
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 53.98 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122230.D
Acq: 2 Nov 2020 17:24

Tgt Ion:276 Resp: 622517
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 20.2 17.8 26.6

