

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122229.D
 Acq On : 2 Nov 2020 16:54
 Operator : JU/CG
 Sample : L4541-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124031MS

Quant Time: Nov 02 18:10:12 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	74336	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	298307	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	151975	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	295029	20.00	ng	0.00
76) Chrysene-d12	13.886	240	213901	20.00	ng	0.00
86) Perylene-d12	15.321	264	200916	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	646912	128.44	ng	0.00
7) Phenol-d6	6.369	99	773983	119.38	ng	0.00
23) Nitrobenzene-d5	7.281	82	502974	86.47	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	237931	126.56	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	776157	75.14	ng	0.00
79) Terphenyl-d14	12.816	244	823897	73.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.405	88	93916	42.40	ng	99
3) Pyridine	3.134	79	249978	42.92	ng	96
4) n-Nitrosodimethylamine	3.087	42	138978	49.37	ng	90
6) Aniline	6.381	93	157778	19.76	ng	# 1
8) 2-Chlorophenol	6.504	128	249698	49.05	ng	97
9) Benzaldehyde	6.269	77	75956	17.39	ng	99
10) Phenol	6.381	94	352626	52.70	ng	94
11) bis(2-Chloroethyl)ether	6.445	93	239216	46.25	ng	99
12) 1,3-Dichlorobenzene	6.645	146	265211	46.32	ng	99
13) 1,4-Dichlorobenzene	6.722	146	271714	47.26	ng	98
14) 1,2-Dichlorobenzene	6.875	146	250693	47.70	ng	96
15) Benzyl Alcohol	6.869	79	217233	51.80	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.981	45	363713	45.69	ng	88
17) 2-Methylphenol	6.992	107	203297	46.71	ng	# 89
18) Hexachloroethane	7.210	117	98699	47.53	ng	97
19) n-Nitroso-di-n-propyla...	7.134	70	182368	49.40	ng	99
20) 3+4-Methylphenols	7.151	107	276458	52.67	ng	# 59
22) Acetophenone	7.128	105	346805	45.18	ng	# 89
24) Nitrobenzene	7.298	77	279504	44.96	ng	99
25) Isophorone	7.539	82	480386	43.68	ng	99
26) 2-Nitrophenol	7.616	139	132180	46.17	ng	89
27) 2,4-Dimethylphenol	7.663	122	215927	44.24	ng	95
28) bis(2-Chloroethoxy)met...	7.745	93	296283	43.06	ng	99
29) 2,4-Dichlorophenol	7.875	162	210317	46.02	ng	99
30) 1,2,4-Trichlorobenzene	7.934	180	210381	43.29	ng	99
31) Naphthalene	8.016	128	703868	44.05	ng	100
32) Benzoic acid	7.845	122	127996	46.22	ng	96
33) 4-Chloroaniline	8.086	127	84589	12.43	ng	99
34) Hexachlorobutadiene	8.122	225	128127	44.46	ng	100
35) Caprolactam	8.463	113	46000	31.69	ng	95
36) 4-Chloro-3-methylphenol	8.581	107	234651	47.80	ng	98
37) 2-Methylnaphthalene	8.704	142	455567	44.02	ng	98
38) 1-Methylnaphthalene	8.804	142	421709	44.00	ng	99
40) 1,2,4,5-Tetrachloroben...	8.875	216	218880	44.62	ng	100
41) Hexachlorocyclopentadiene	8.851	237	77548	59.41	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	141418	46.73	ng	99

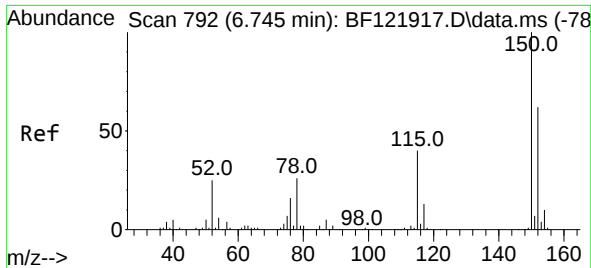
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	139019	42.53	ng	98
46) 1,1'-Biphenyl	9.169	154	552192	44.69	ng	99
47) 2-Chloronaphthalene	9.198	162	435776	45.35	ng	99
48) 2-Nitroaniline	9.310	65	158096	49.88	ng	97
49) Acenaphthylene	9.610	152	666425	45.15	ng	100
50) Dimethylphthalate	9.475	163	630889	56.77	ng	100
51) 2,6-Dinitrotoluene	9.551	165	113165	46.42	ng	93
52) Acenaphthene	9.781	154	402233	45.82	ng	98
53) 3-Nitroaniline	9.728	138	63548	22.92	ng	99
54) 2,4-Dinitrophenol	9.851	184	98132	79.01	ng	# 87
55) Dibenzofuran	9.951	168	589228	45.89	ng	93
56) 4-Nitrophenol	9.951	139	387878	257.19	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	155354	51.77	ng	97
58) Fluorene	10.298	166	492432	47.61	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	129000	51.01	ng	95
60) Diethylphthalate	10.169	149	503103	46.95	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	229250	46.21	ng	97
62) 4-Nitroaniline	10.345	138	113682	41.04	ng	89
63) Azobenzene	10.445	77	531060	46.86	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	83064	42.57	ng	99
66) n-Nitrosodiphenylamine	10.410	169	447856	44.07	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	149862	43.97	ng	99
68) Hexachlorobenzene	10.845	284	173017	44.85	ng	99
69) Atrazine	10.939	200	118467	47.67	ng	98
70) Pentachlorophenol	11.057	266	119809	79.08	ng	97
71) Phenanthrene	11.263	178	784658	48.51	ng	99
72) Anthracene	11.316	178	778120	46.38	ng	98
73) Carbazole	11.475	167	704642	47.23	ng	99
74) Di-n-butylphthalate	11.792	149	783845	45.67	ng	99
75) Fluoranthene	12.451	202	948500	54.68	ng	98
77) Benzidine	12.580	184	210921	31.98	ng	99
78) Pyrene	12.680	202	928167	56.94	ng	100
80) Butylbenzylphthalate	13.292	149	325035	50.28	ng	95
81) Benzo(a)anthracene	13.874	228	719491	51.33	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	126744	24.38	ng	98
83) Chrysene	13.910	228	683688	49.68	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	423385	48.24	ng	98
85) Di-n-octyl phthalate	14.457	149	636588	44.84	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	674472	51.70	ng	98
88) Benzo(b)fluoranthene	14.910	252	705585	51.95	ng	99
89) Benzo(k)fluoranthene	14.939	252	527626	40.90	ng	99
90) Benzo(a)pyrene	15.262	252	562376	47.94	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	525051	48.88	ng	99
92) Benzo(g,h,i)perylene	17.168	276	586145	54.53	ng	97

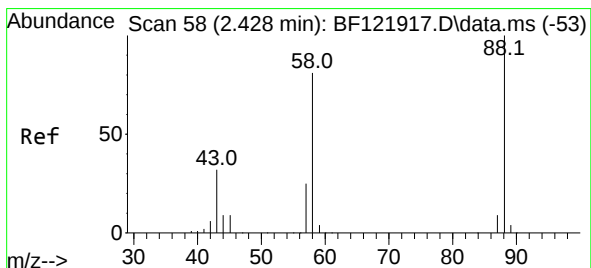
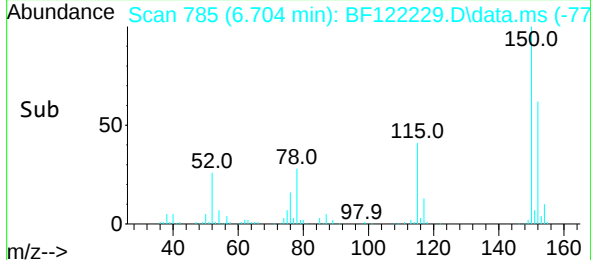
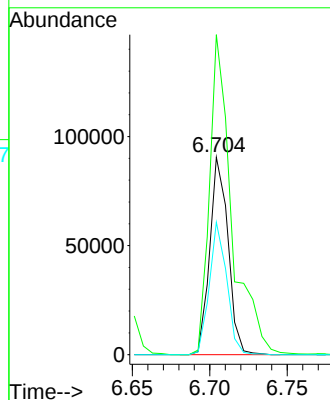
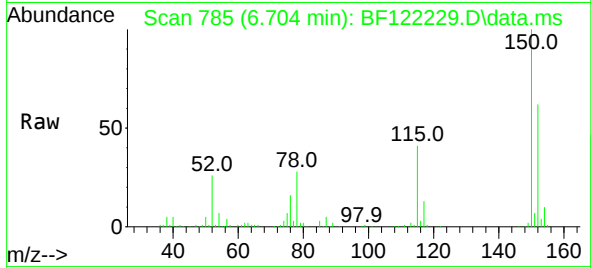
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.704 min Scan# 785
 Delta R.T. -0.012 min
 Lab File: BF122229.D
 Acq: 2 Nov 2020 16:54

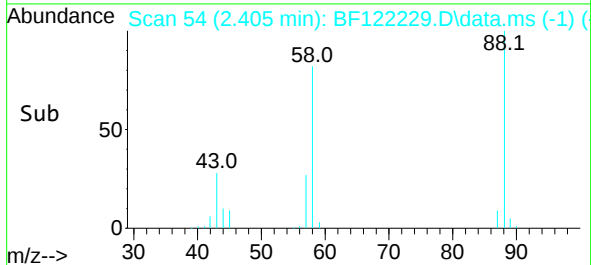
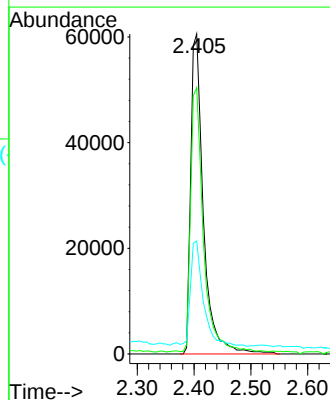
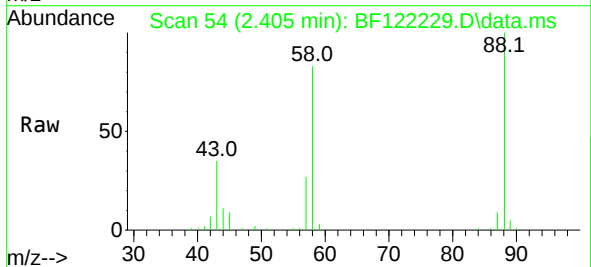
Instrument :
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 124031MS

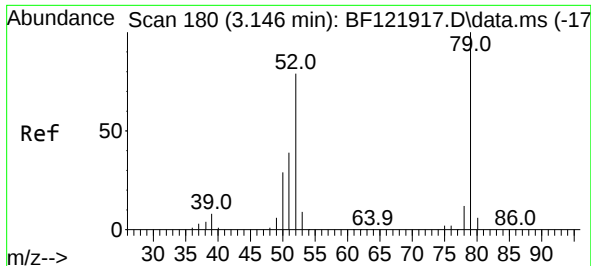
Tgt Ion:152 Resp: 74336
 Ion Ratio Lower Upper
 152 100
 150 162.0 125.3 187.9
 115 67.0 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.40 ng
 RT: 2.405 min Scan# 54
 Delta R.T. 0.041 min
 Lab File: BF122229.D
 Acq: 2 Nov 2020 16:54

Tgt Ion: 88 Resp: 93916
 Ion Ratio Lower Upper
 88 100
 58 83.2 65.8 98.8
 43 33.5 25.8 38.8

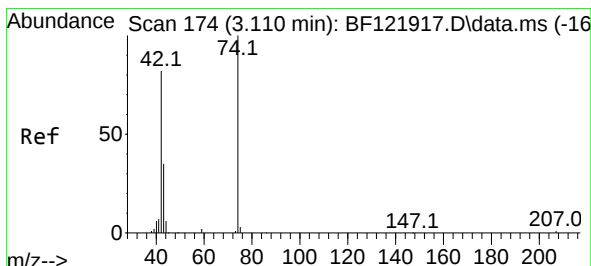
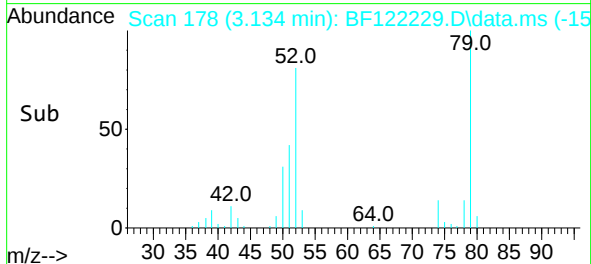
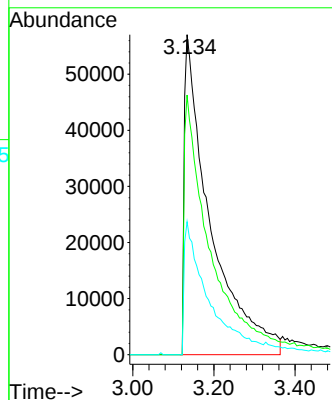
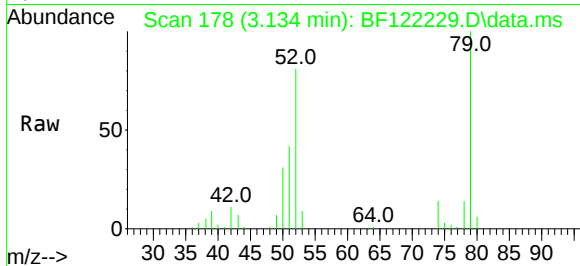




#3
Pyridine
Concen: 42.92 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.053 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

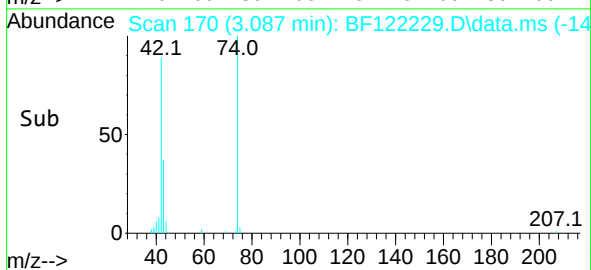
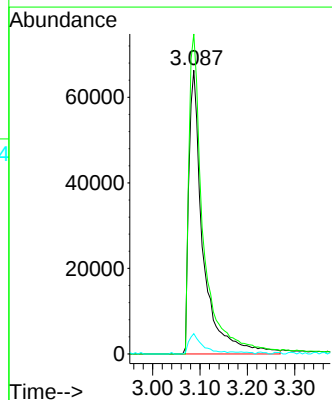
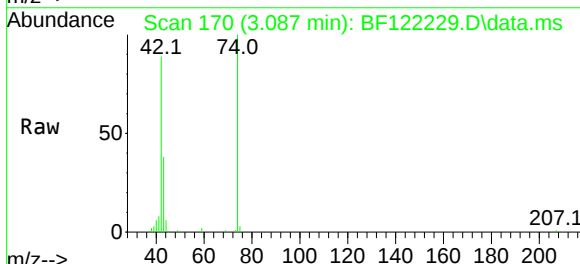
Instrument :
BNA_F
ClientSampleId :
124031MS

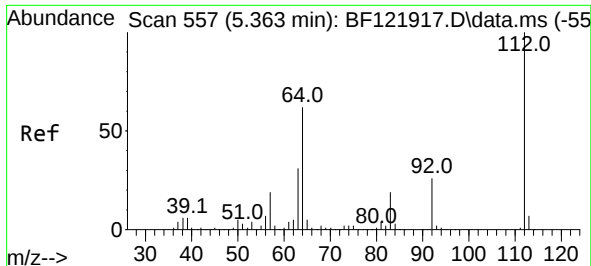
Tgt Ion: 79 Resp: 249978
Ion Ratio Lower Upper
79 100
52 81.2 62.2 93.4
51 41.6 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 49.37 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.041 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 42 Resp: 138978
Ion Ratio Lower Upper
42 100
74 112.8 100.2 150.2
44 7.1 5.8 8.6

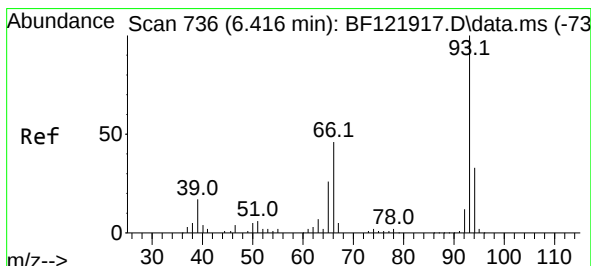
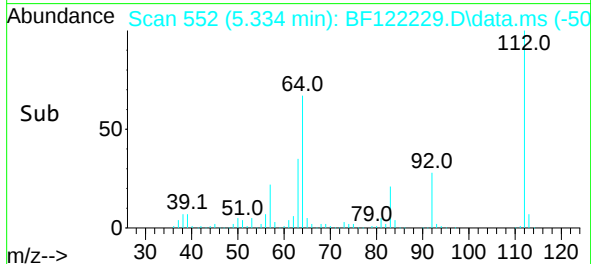
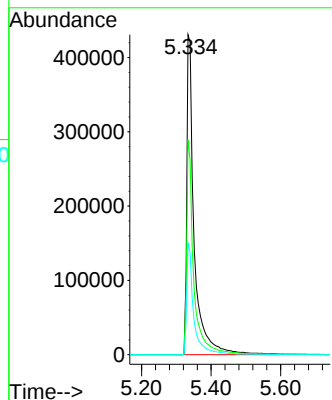
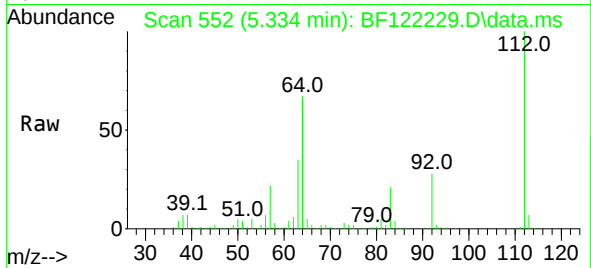




#5
2-Fluorophenol
Concen: 128.44 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

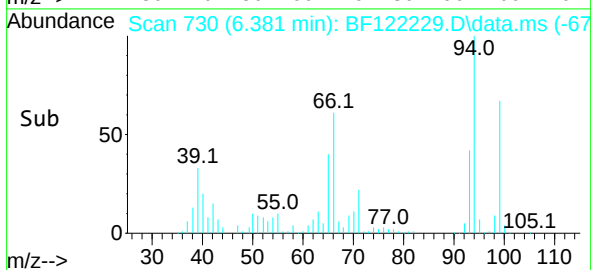
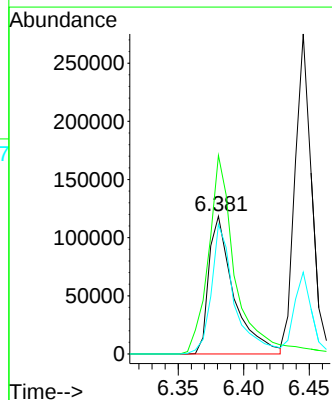
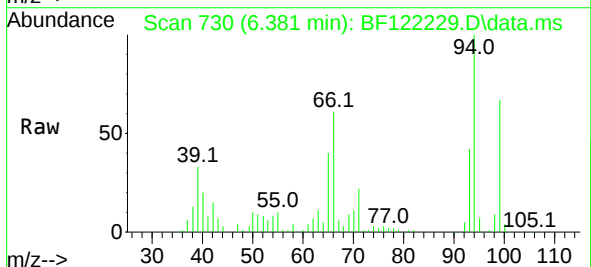
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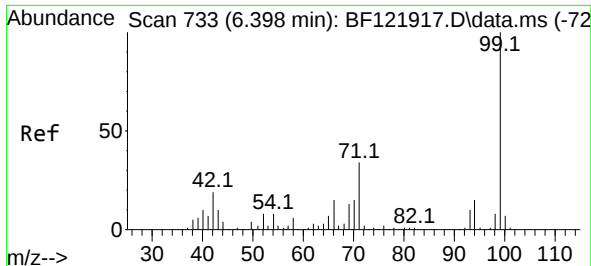
Tgt Ion:112 Resp: 646912
Ion Ratio Lower Upper
112 100
64 67.1 50.4 75.6
63 34.8 25.8 38.6



#6
Aniline
Concen: 19.76 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 93 Resp: 157778
Ion Ratio Lower Upper
93 100
66 144.1 32.7 49.1#
65 94.3 16.6 24.8#

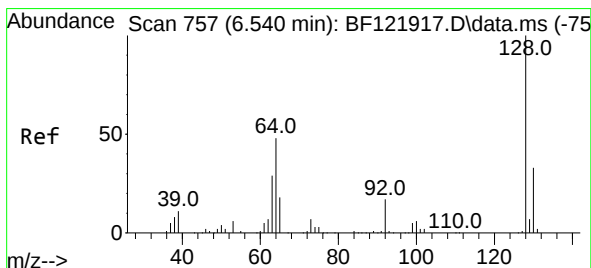
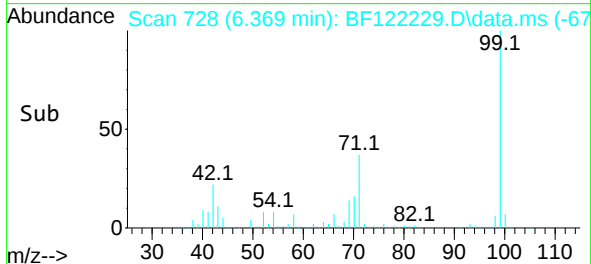
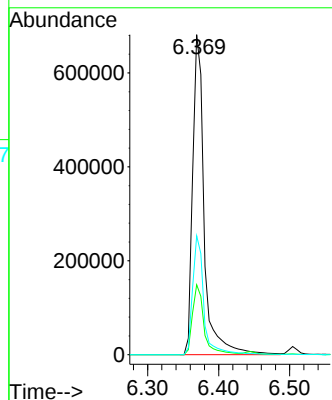
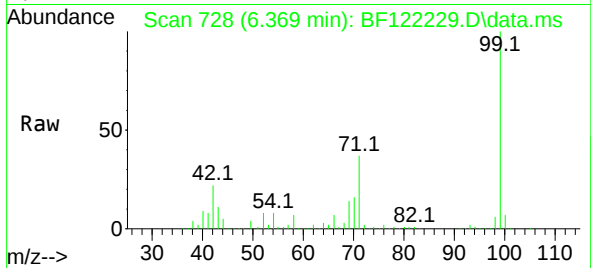




#7
Phenol-d6
Concen: 119.38 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

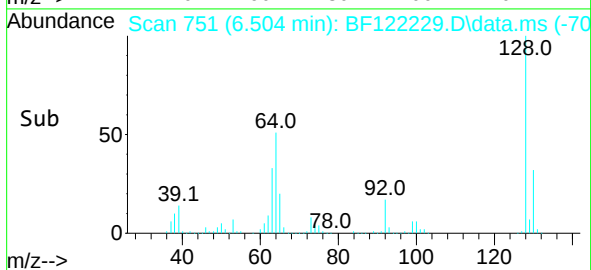
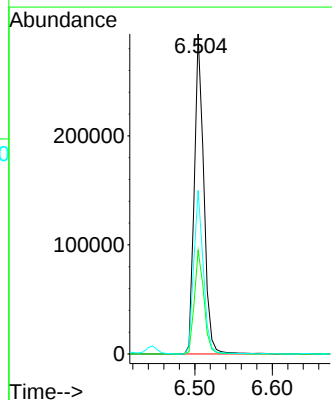
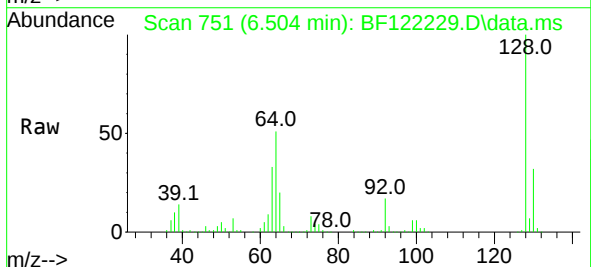
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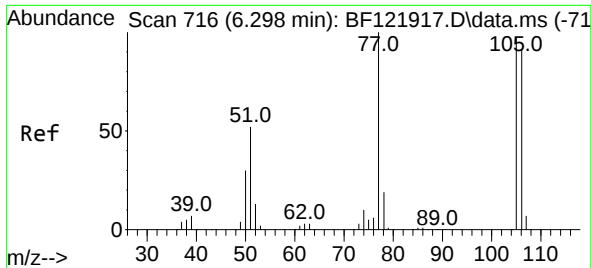
Tgt Ion: 99 Resp: 773983
Ion Ratio Lower Upper
99 100
42 21.9 15.9 23.9
71 37.1 27.1 40.7



#8
2-Chlorophenol
Concen: 49.05 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:128 Resp: 249698
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 51.1 34.8 74.8



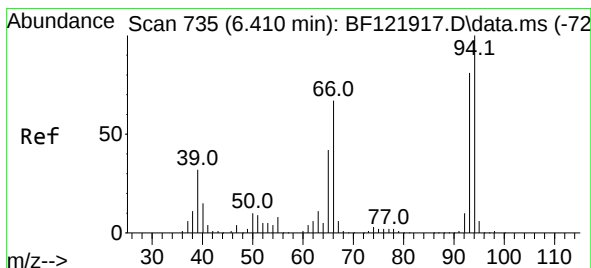
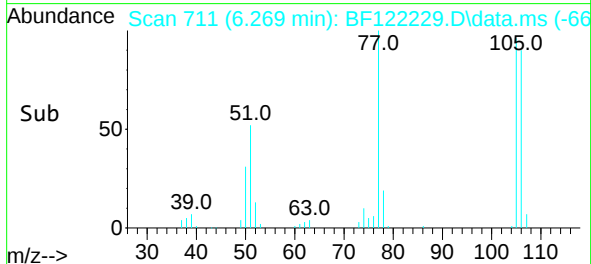
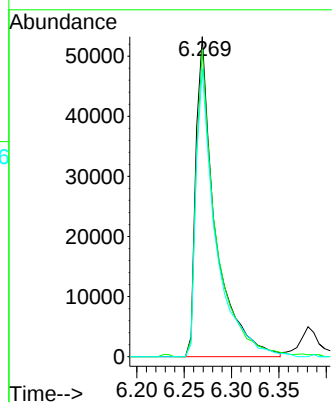
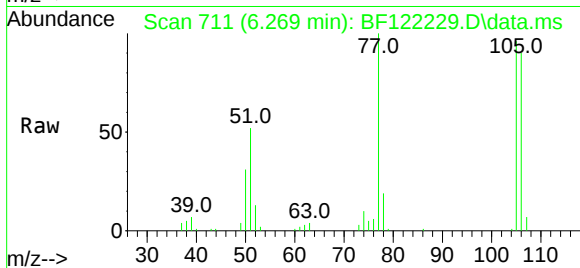


#9
Benzaldehyde
Concen: 17.39 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

Tgt Ion: 77 Resp: 75956

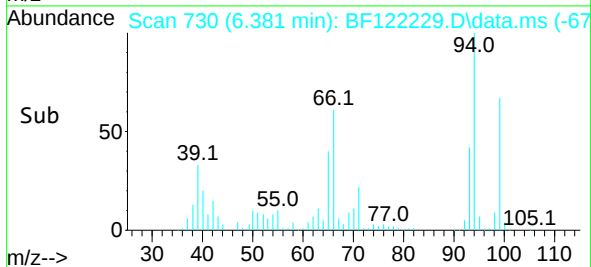
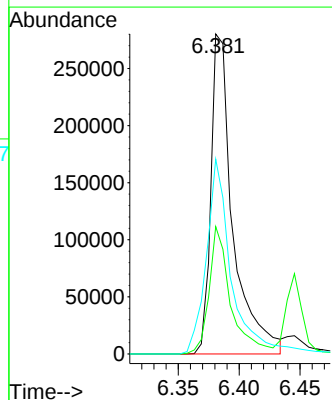
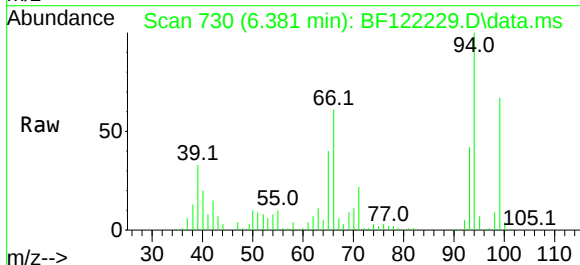
Ion	Ratio	Lower	Upper
77	100		
105	96.0	76.7	116.7
106	90.0	71.3	111.3

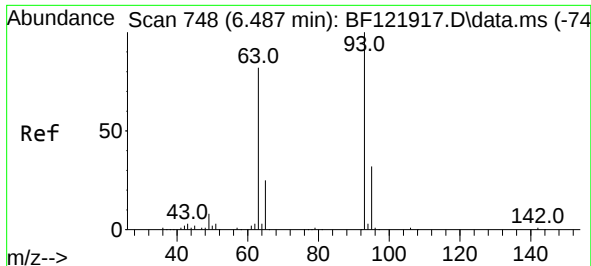


#10
Phenol
Concen: 52.70 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 94 Resp: 352626

Ion	Ratio	Lower	Upper
94	100		
65	39.8	17.1	57.1
66	60.9	36.0	76.0

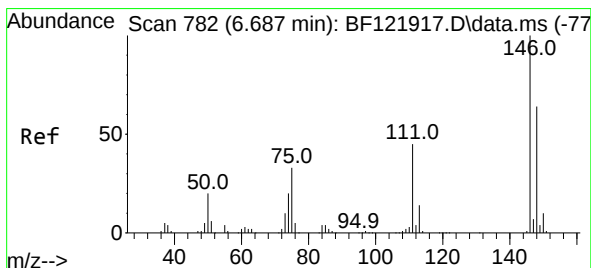
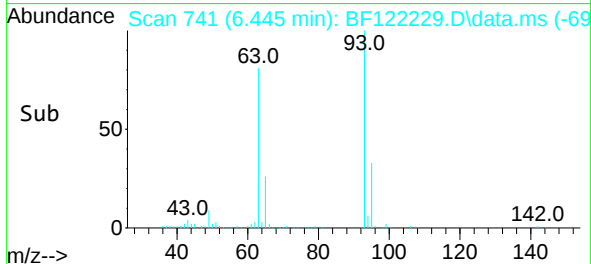
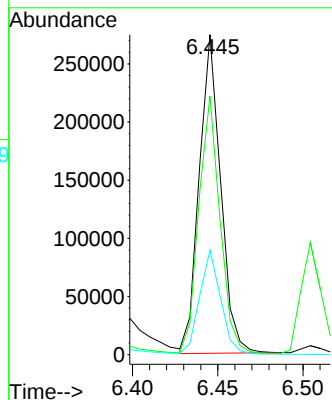
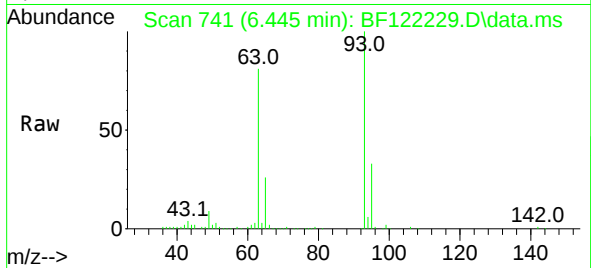




#11
bis(2-Chloroethyl)ether
Concen: 46.25 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

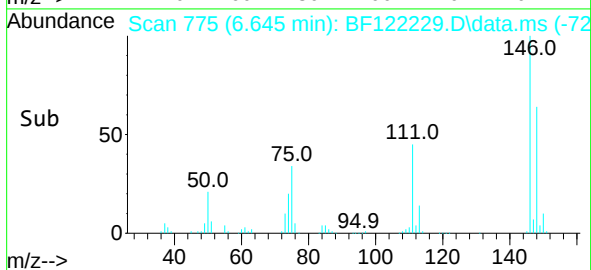
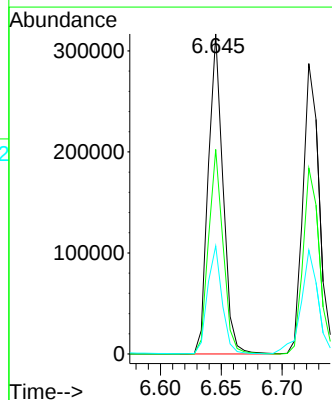
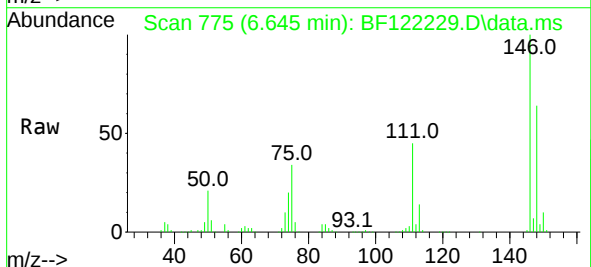
Instrument :
BNA_F
ClientSampleId :
124031MS

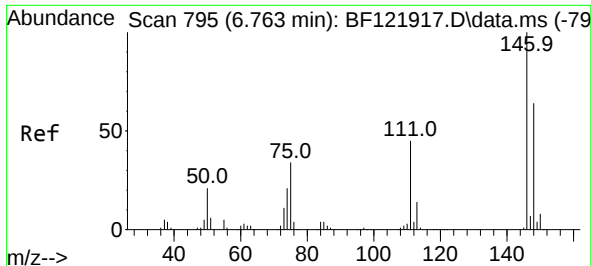
Tgt Ion: 93 Resp: 239216
Ion Ratio Lower Upper
93 100
63 80.8 62.4 102.4
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.32 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 146 Resp: 265211
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 33.7 27.6 41.4

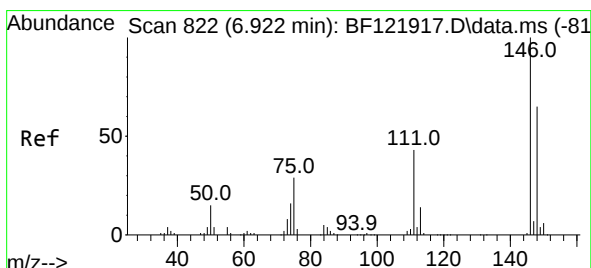
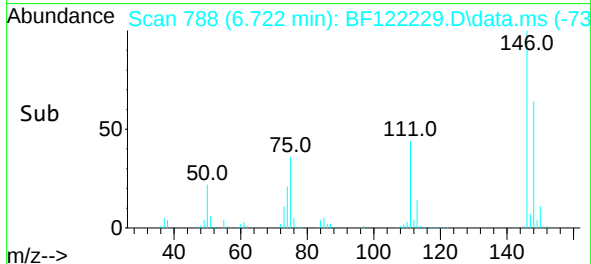
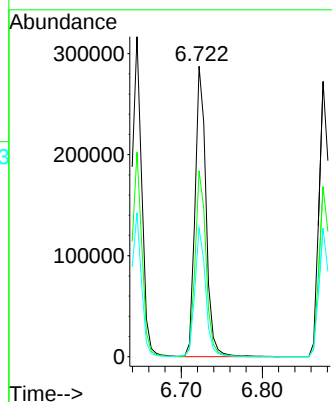
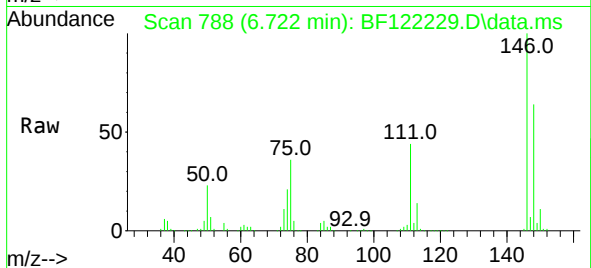




#13
1,4-Dichlorobenzene
Concen: 47.26 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

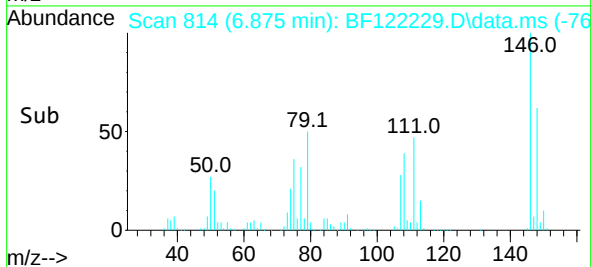
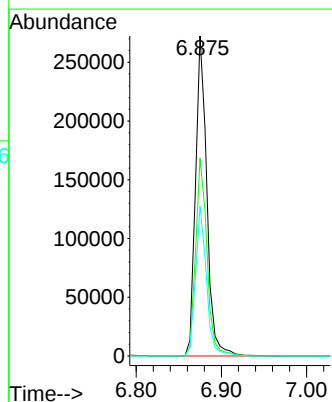
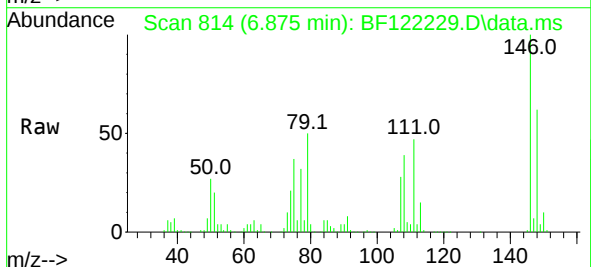
Instrument :
BNA_F
ClientSampleId :
124031MS

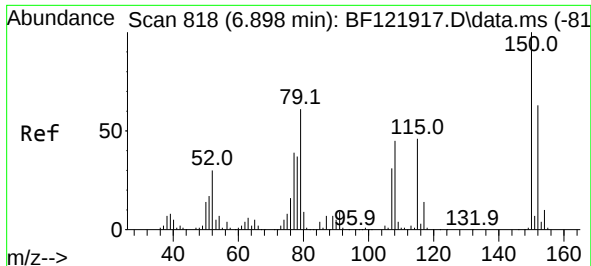
Tgt Ion:146 Resp: 271714
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 44.3 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 47.70 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:146 Resp: 250693
Ion Ratio Lower Upper
146 100
148 61.8 51.1 76.7
111 46.8 34.2 51.4

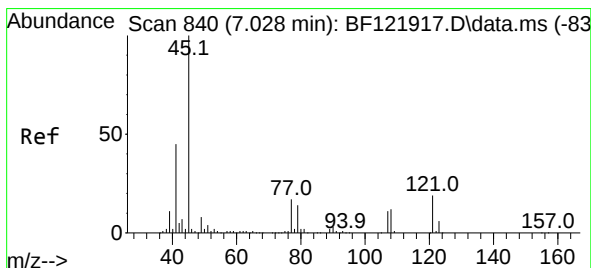
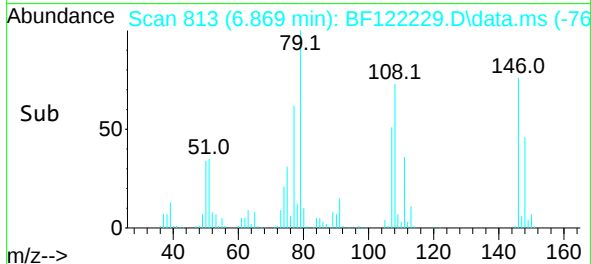
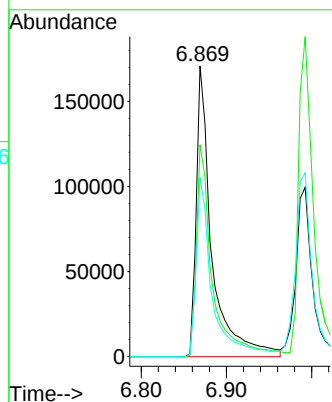
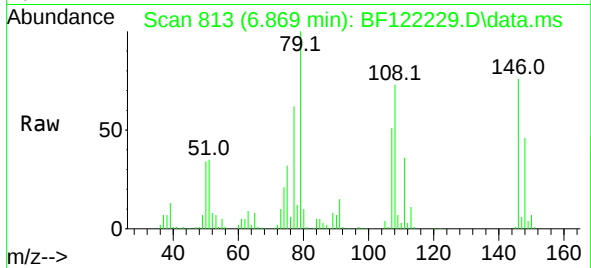




#15
Benzyl Alcohol
Concen: 51.80 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

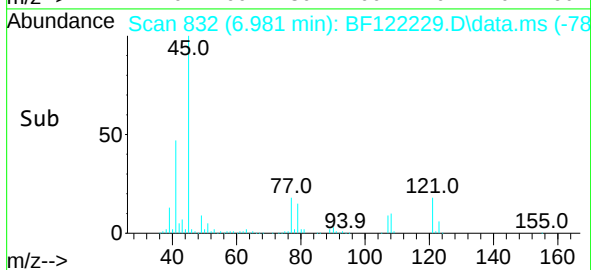
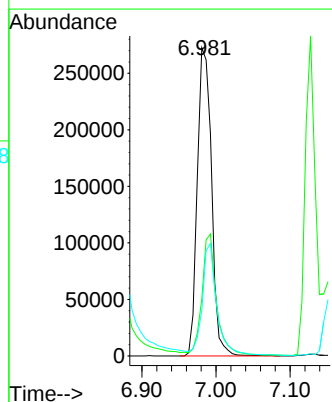
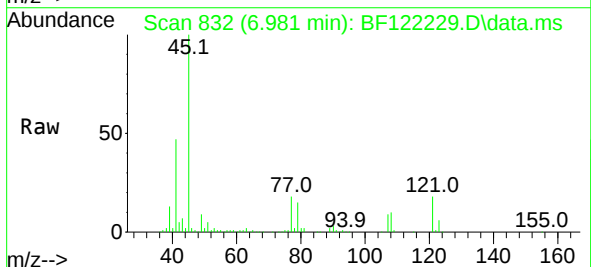
Instrument :
BNA_F
ClientSampleId :
124031MS

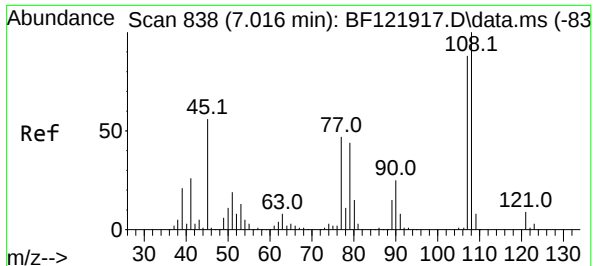
Tgt Ion: 79 Resp: 217233
Ion Ratio Lower Upper
79 100
108 72.9 62.3 93.5
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.69 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 45 Resp: 363713
Ion Ratio Lower Upper
45 100
77 18.4 0.0 33.3
79 14.8 0.0 30.4

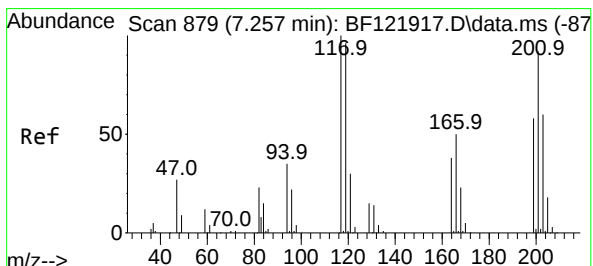
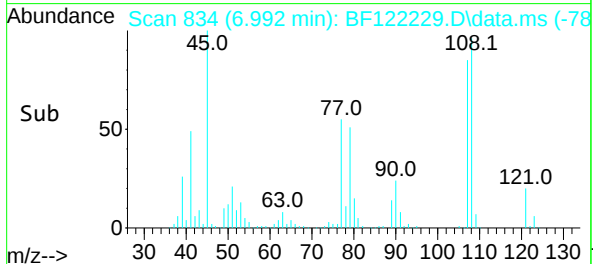
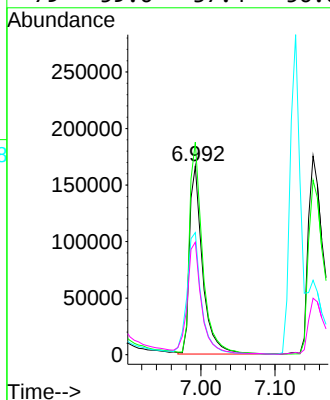
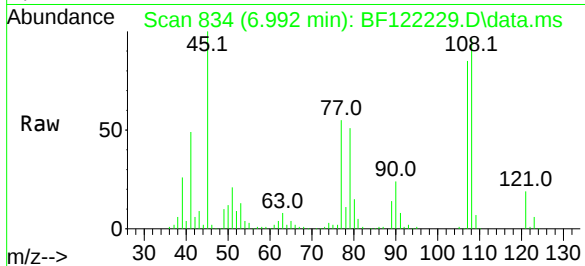




#17
2-Methylphenol
Concen: 46.71 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

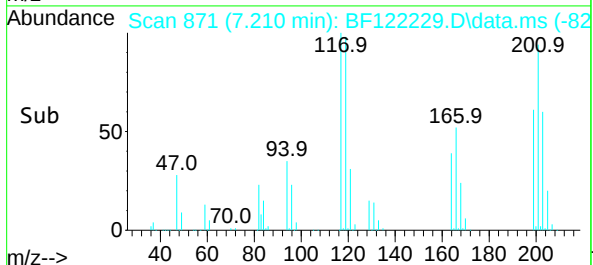
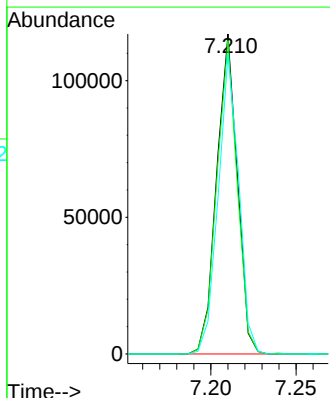
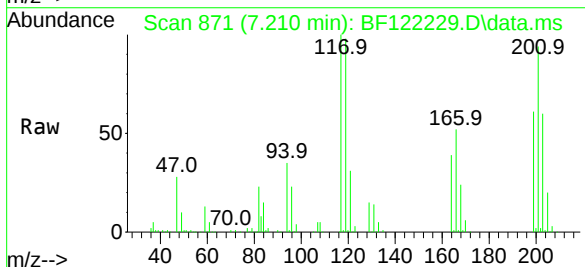
Instrument :
BNA_F
ClientSampleId :
124031MS

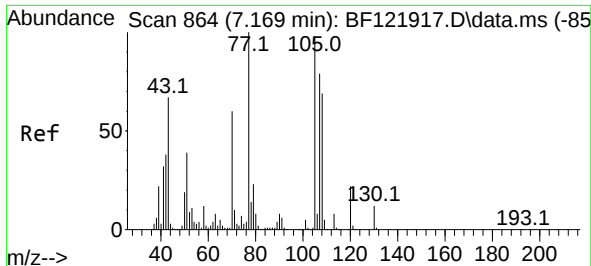
Tgt Ion:107 Resp: 203297
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 64.8 37.5 56.3#
79 59.6 37.4 56.0#



#18
Hexachloroethane
Concen: 47.53 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

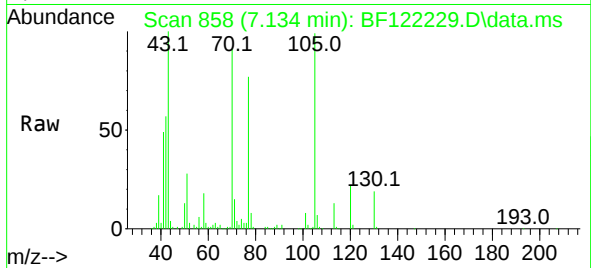
Tgt Ion:117 Resp: 98699
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5
201 93.6 71.8 107.6



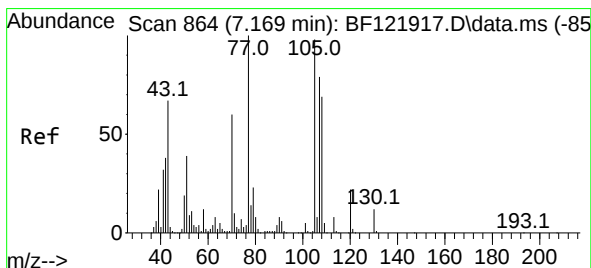
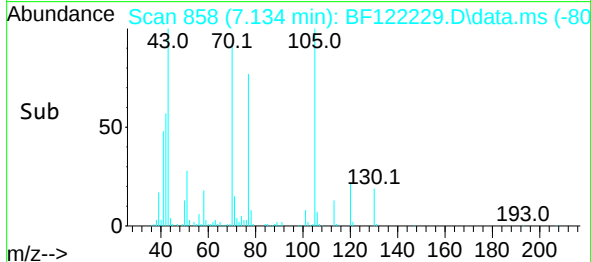
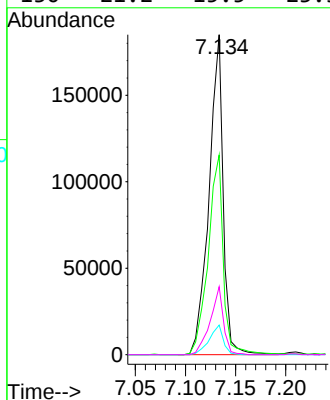


#19
n-Nitroso-di-n-propylamine
Concen: 49.40 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

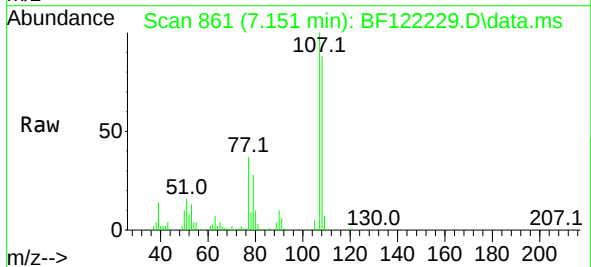
Instrument :
BNA_F
ClientSampleId :
124031MS



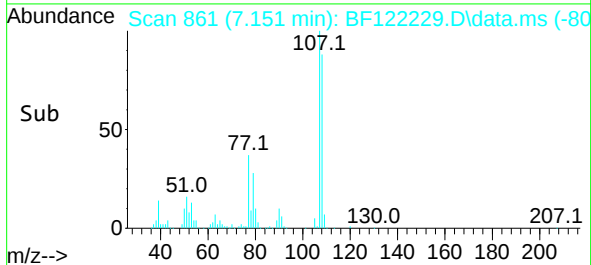
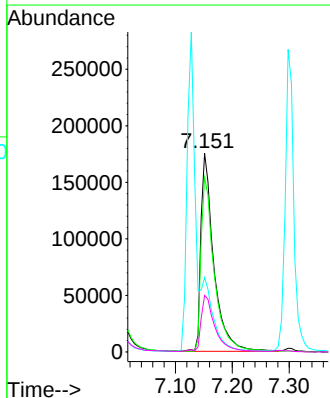
Tgt Ion: 70 Resp: 182368
Ion Ratio Lower Upper
70 100
42 62.4 50.2 75.4
101 9.2 7.5 11.3
130 21.2 15.5 23.3

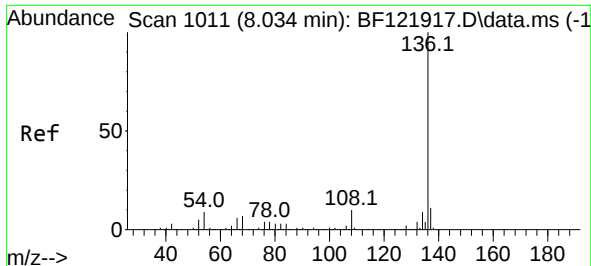


#20
3+4-Methylphenols
Concen: 52.67 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54



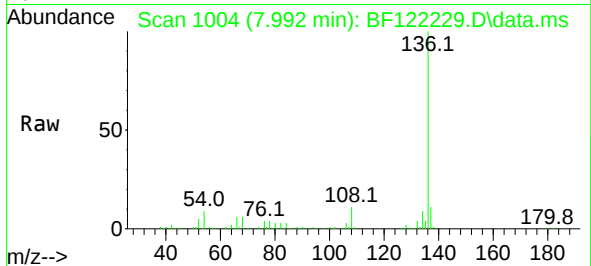
Tgt Ion: 107 Resp: 276458
Ion Ratio Lower Upper
107 100
108 87.8 68.9 108.9
77 37.5 108.0 148.0#
79 28.4 10.5 50.5



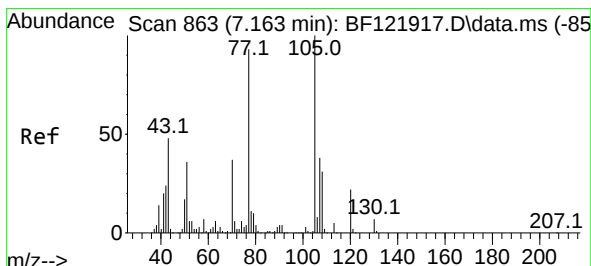
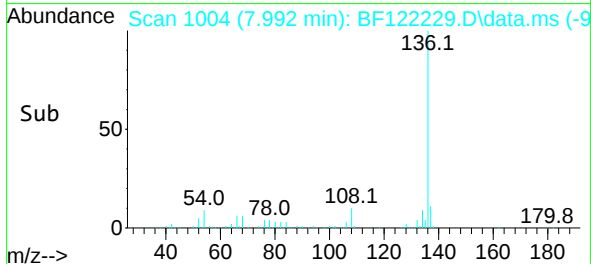
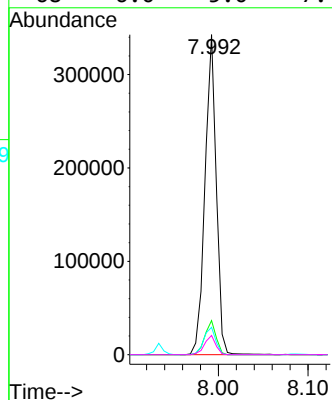


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

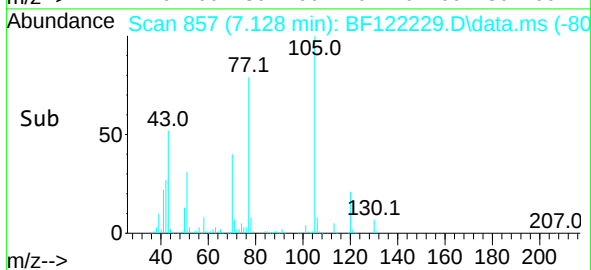
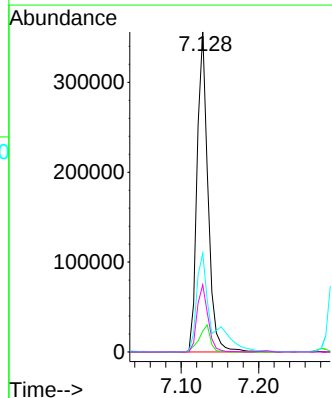
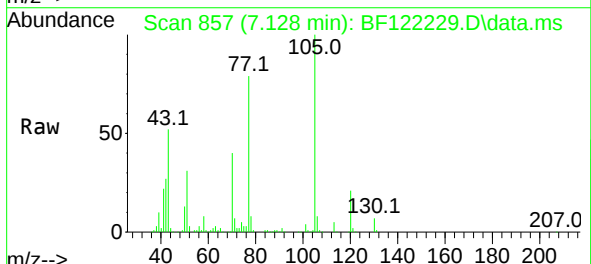


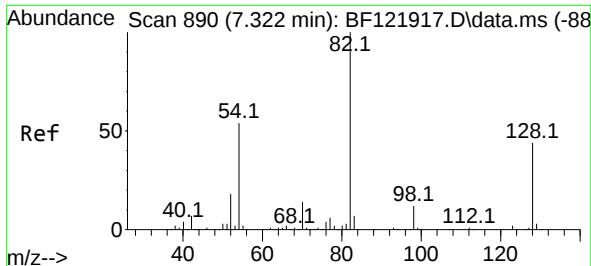
Tgt Ion:136 Resp: 298307
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.1 10.7
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 45.18 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:105 Resp: 346805
Ion Ratio Lower Upper
105 100
71 6.6 5.3 7.9
51 30.9 33.2 49.8#
120 21.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 86.47 ng

RT: 7.281 min Scan# 883

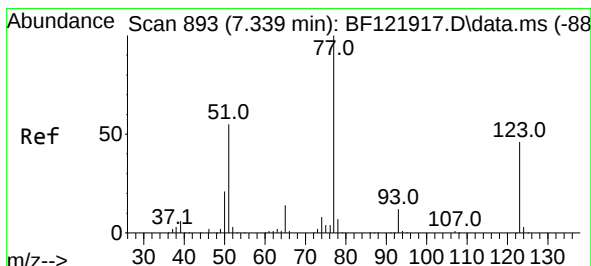
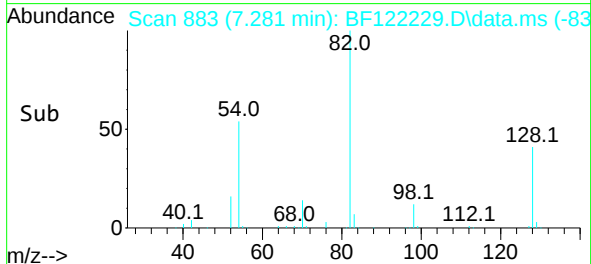
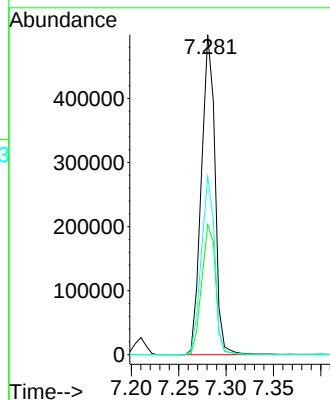
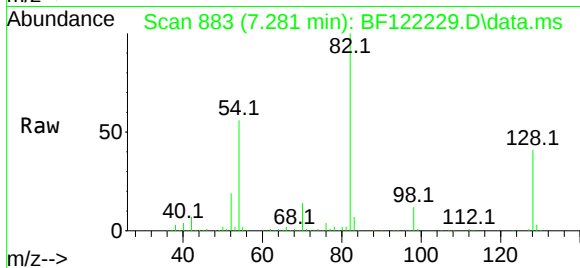
Delta R.T. -0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion: 82 Resp: 502974

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.0	52.4
54	55.6	43.9	65.9



#24

Nitrobenzene

Concen: 44.96 ng

RT: 7.298 min Scan# 886

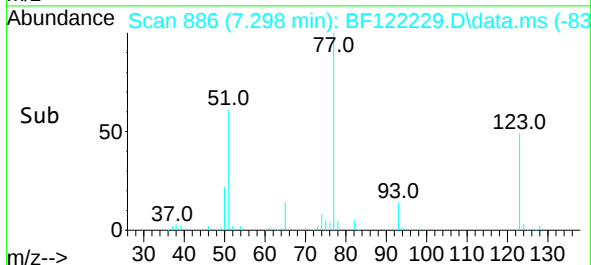
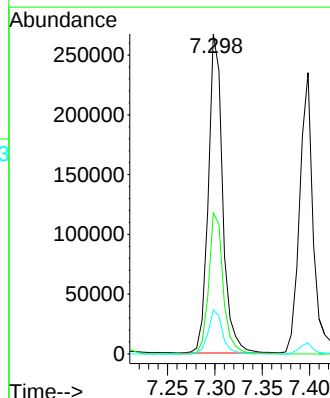
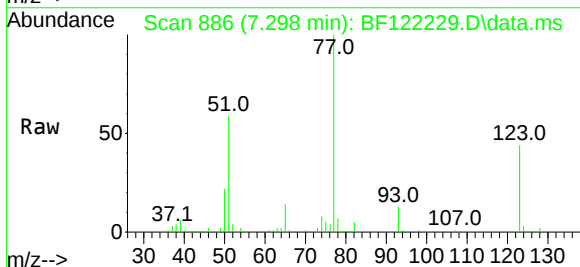
Delta R.T. -0.006 min

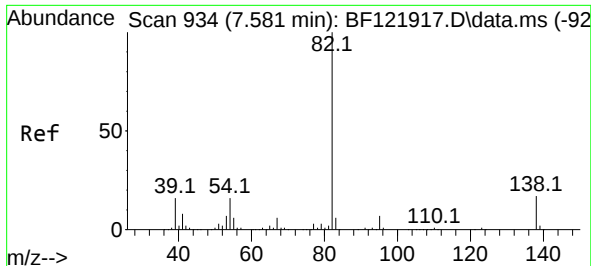
Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion: 77 Resp: 279504

Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.6	53.4
65	13.8	11.2	16.8

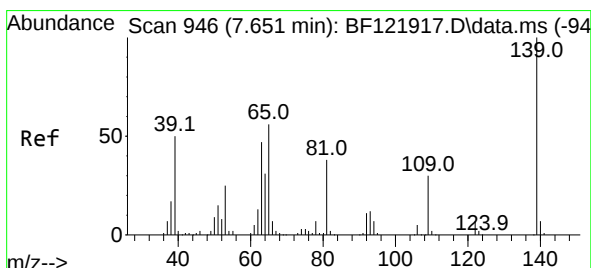
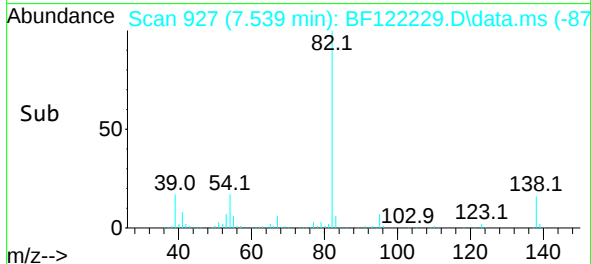
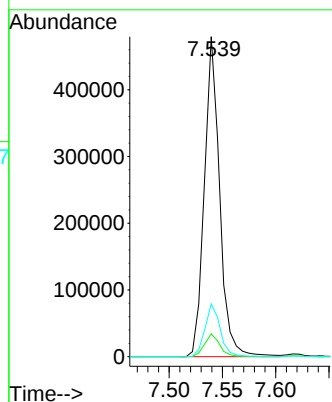
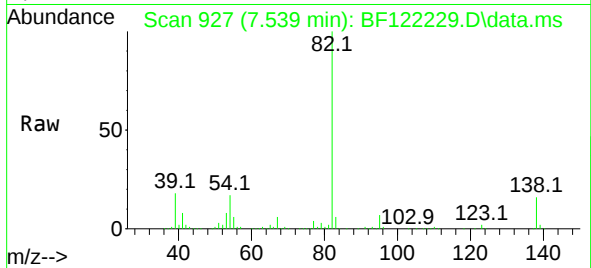




#25
Isophorone
Concen: 43.68 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

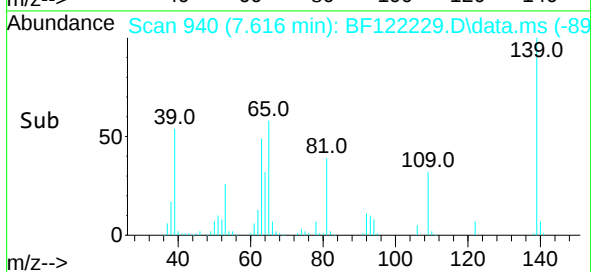
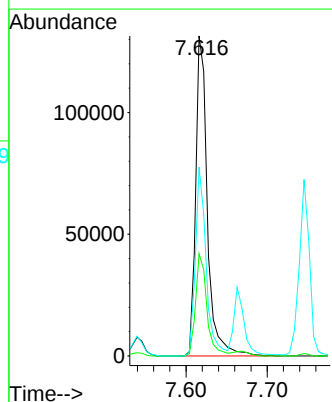
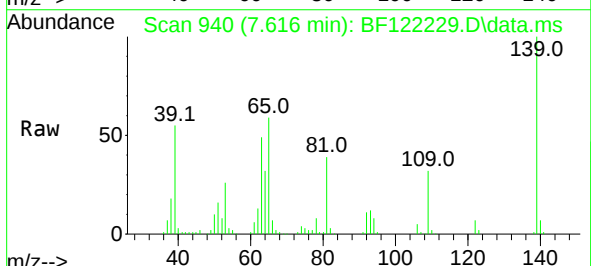
Instrument :
BNA_F
ClientSampleId :
124031MS

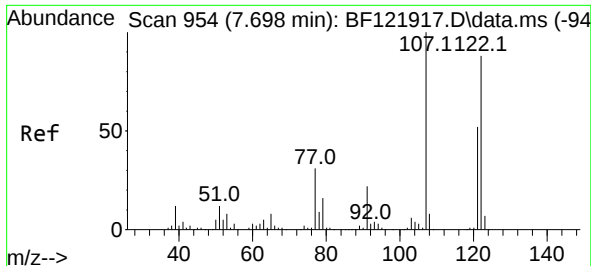
Tgt Ion: 82 Resp: 480386
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 16.5 13.4 20.0



#26
2-Nitrophenol
Concen: 46.17 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 139 Resp: 132180
Ion Ratio Lower Upper
139 100
109 31.9 23.0 34.4
65 59.0 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 44.24 ng

RT: 7.663 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

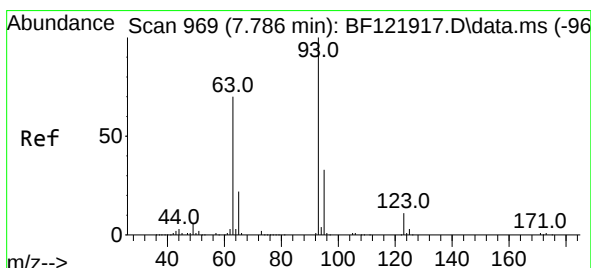
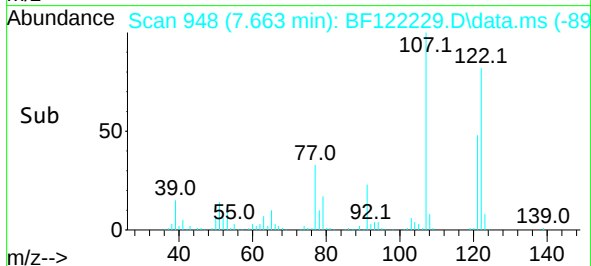
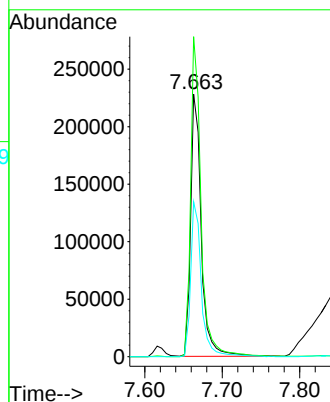
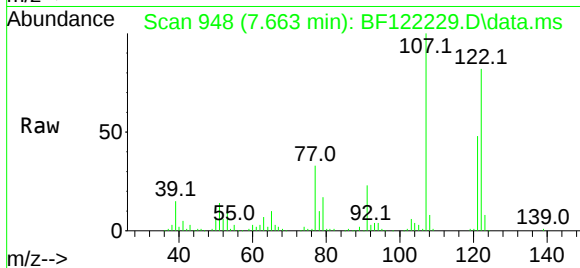
Tgt Ion:122 Resp: 215927

Ion Ratio Lower Upper

122 100

107 121.9 90.8 136.2

121 59.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.06 ng

RT: 7.745 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

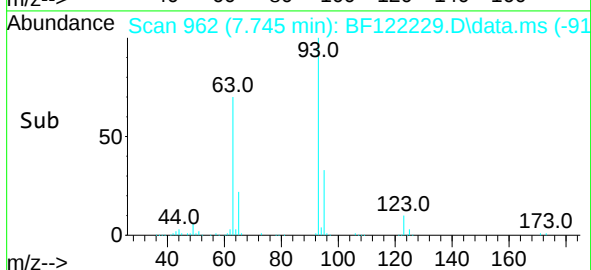
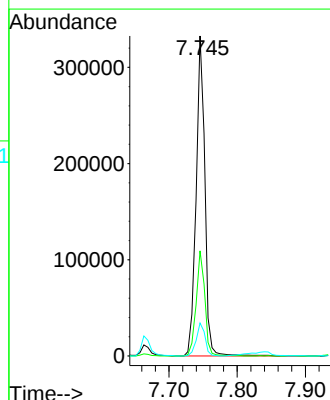
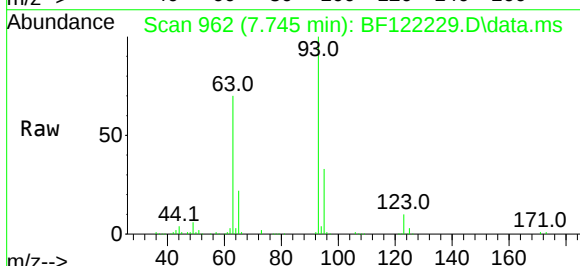
Tgt Ion: 93 Resp: 296283

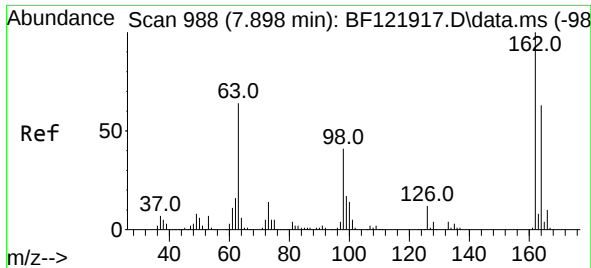
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

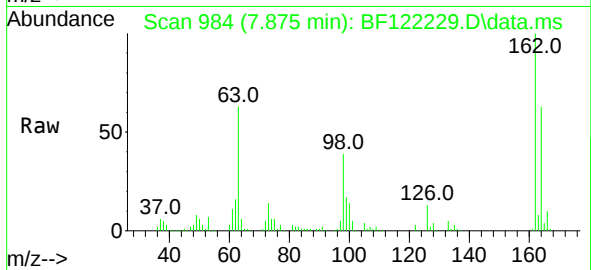
123 10.3 8.8 13.2





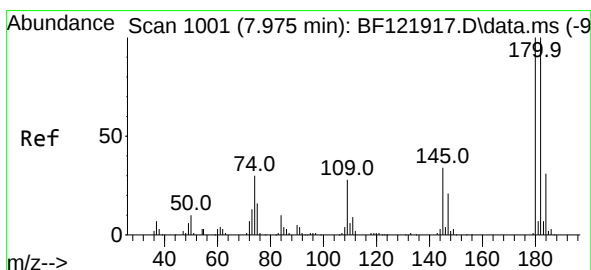
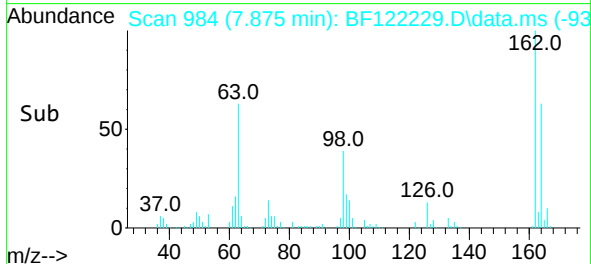
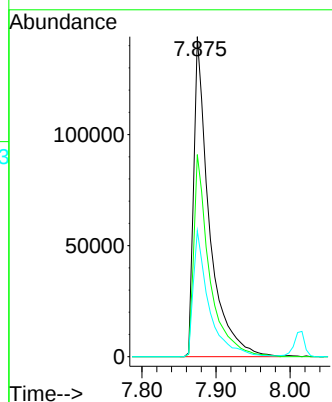
#29
2,4-Dichlorophenol
Concen: 46.02 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS



Tgt Ion:162 Resp: 210317

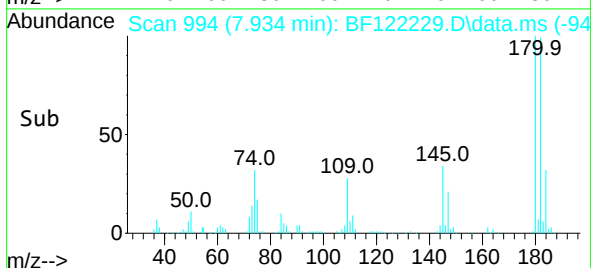
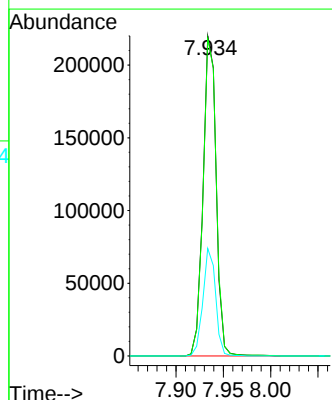
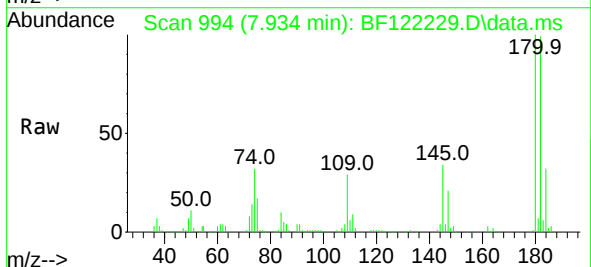
Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.5	82.5
98	39.4	20.1	60.1

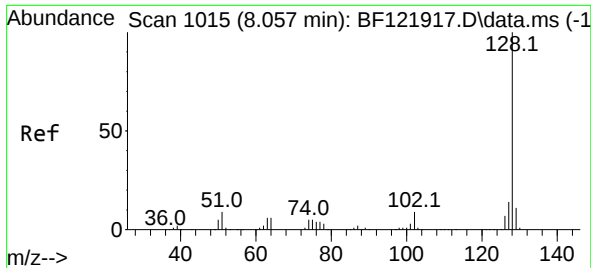


#30
1,2,4-Trichlorobenzene
Concen: 43.29 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:180 Resp: 210381

Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.4	119.2
145	33.6	25.5	38.3

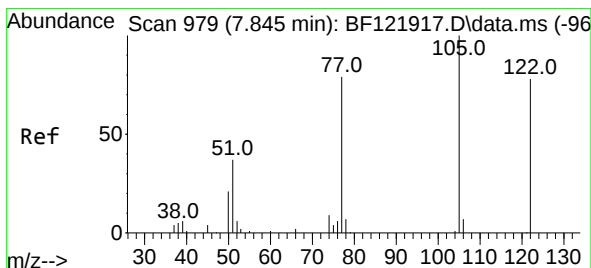
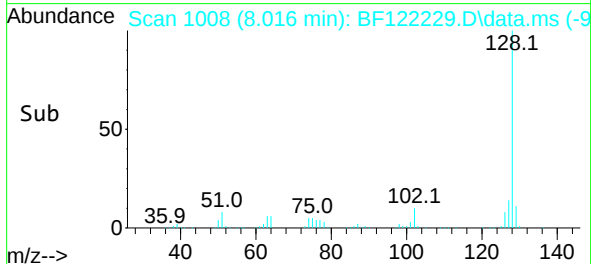
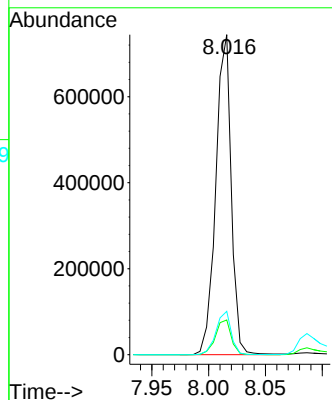
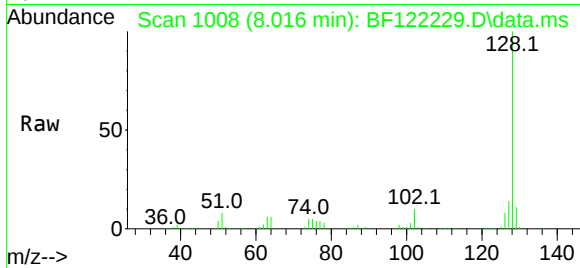




#31
Naphthalene
Concen: 44.05 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

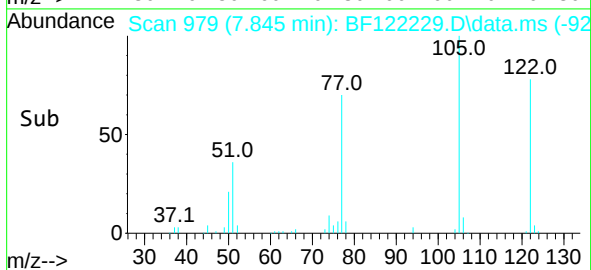
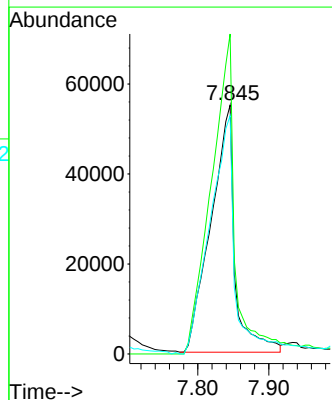
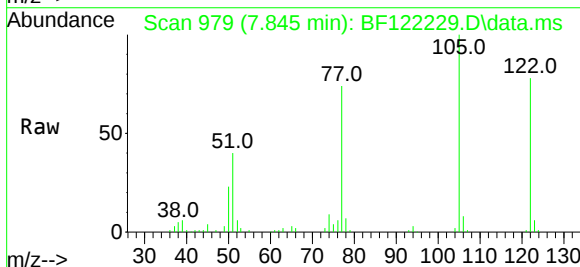
Instrument :
BNA_F
ClientSampleId :
124031MS

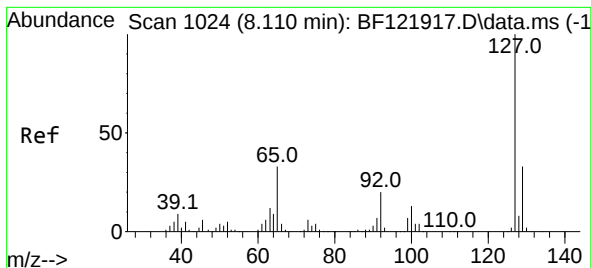
Tgt Ion:128 Resp: 703868
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 46.22 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:122 Resp: 127996
Ion Ratio Lower Upper
122 100
105 128.7 103.3 143.3
77 95.8 73.9 113.9

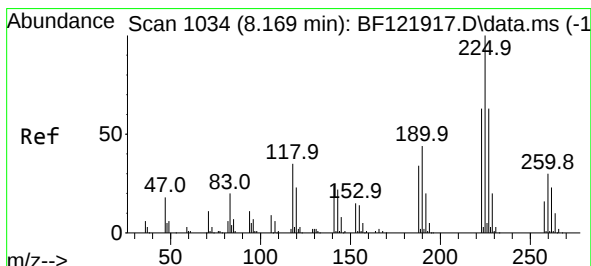
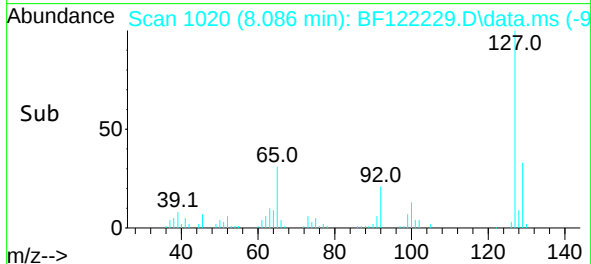
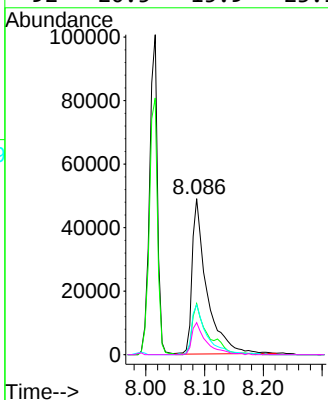
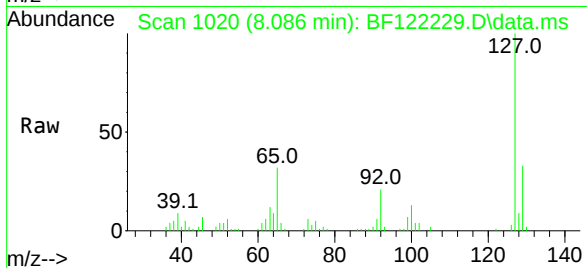




#33
4-Chloroaniline
Concen: 12.43 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

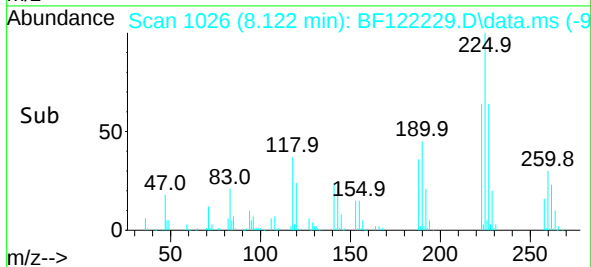
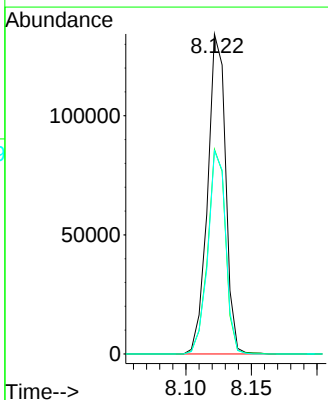
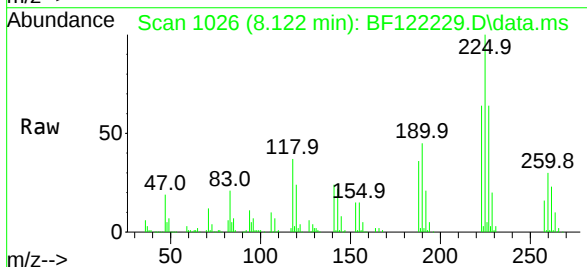
Instrument :
BNA_F
ClientSampleId :
124031MS

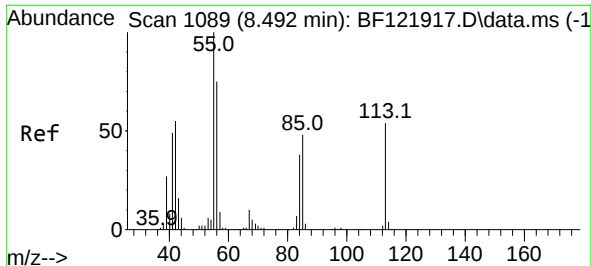
Tgt Ion:	127	Resp:	84589
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	31.9	26.2	39.2
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 44.46 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:	225	Resp:	128127
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	63.5	51.0	76.6

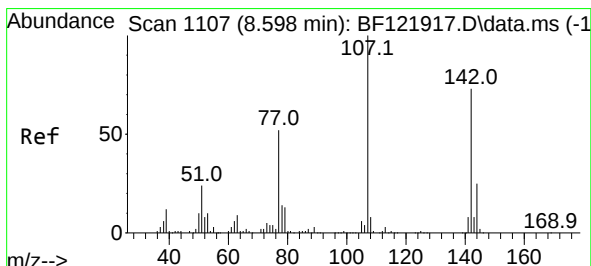
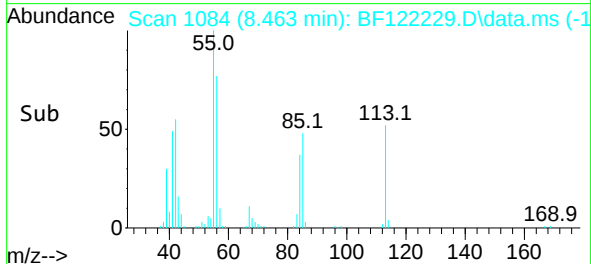
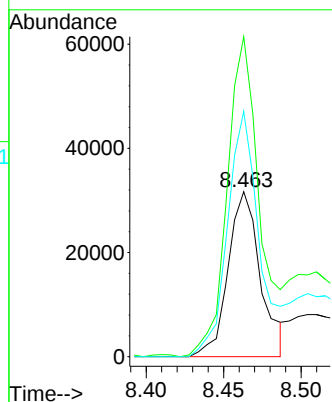
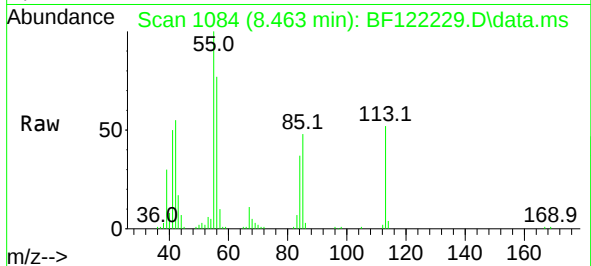




#35
Caprolactam
Concen: 31.69 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

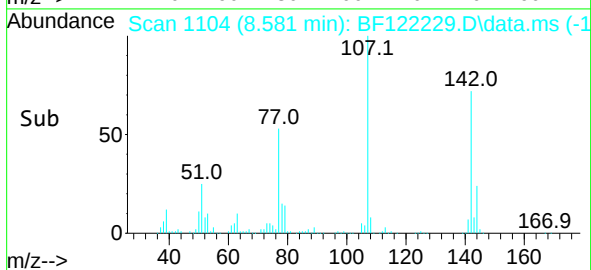
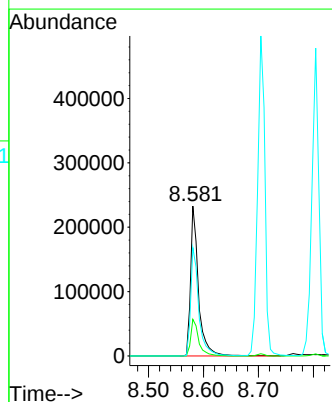
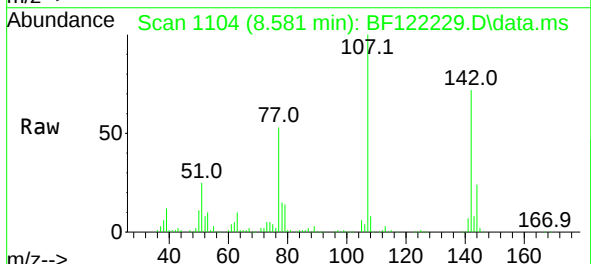
Instrument :
BNA_F
ClientSampleId :
124031MS

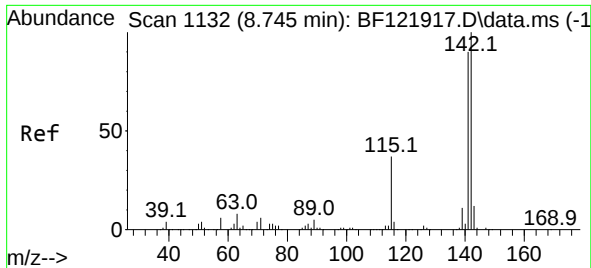
Tgt Ion:113 Resp: 46000
Ion Ratio Lower Upper
113 100
55 193.9 167.5 207.5
56 148.7 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 47.80 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:107 Resp: 234651
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 72.3 59.3 88.9

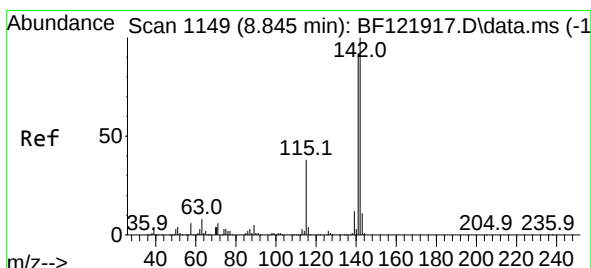
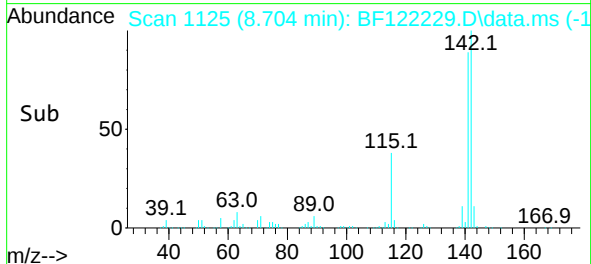
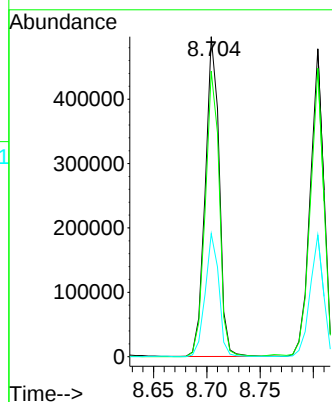
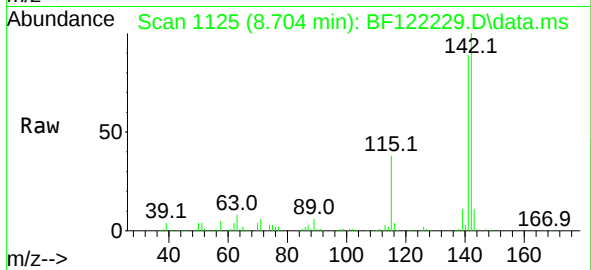




#37
2-Methylnaphthalene
Concen: 44.02 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

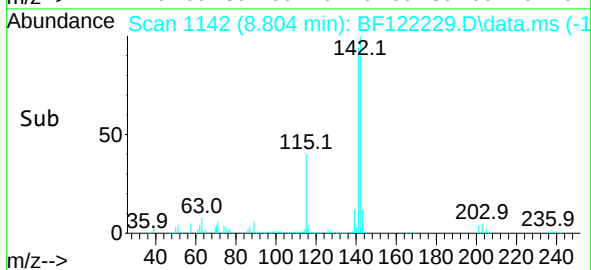
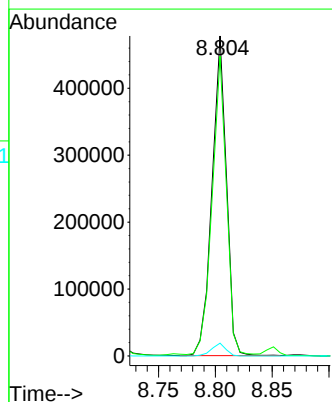
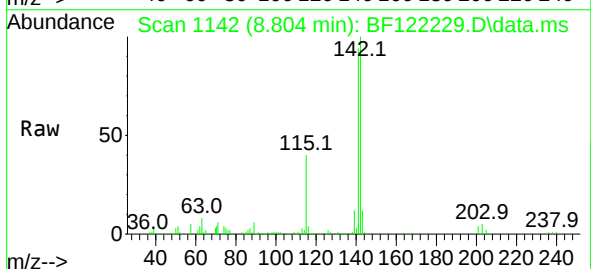
Instrument :
BNA_F
ClientSampleId :
124031MS

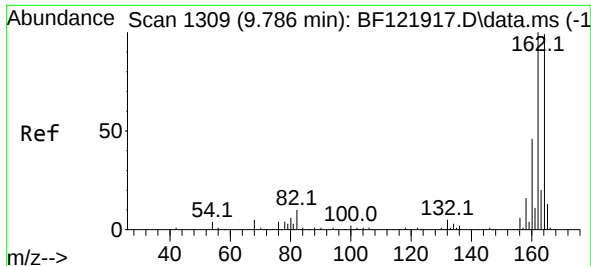
Tgt Ion:142 Resp: 455567
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4
115 38.5 28.6 43.0



#38
1-Methylnaphthalene
Concen: 44.00 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:142 Resp: 421709
Ion Ratio Lower Upper
142 100
141 93.7 74.5 111.7
116 4.0 3.2 4.8

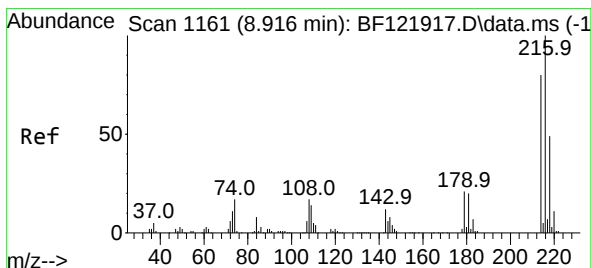
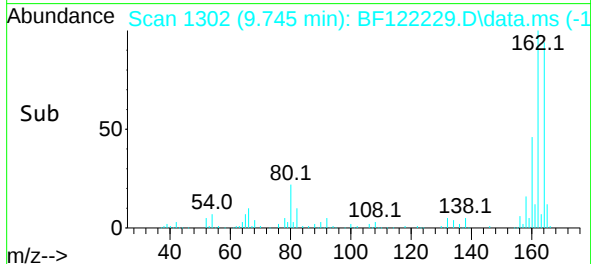
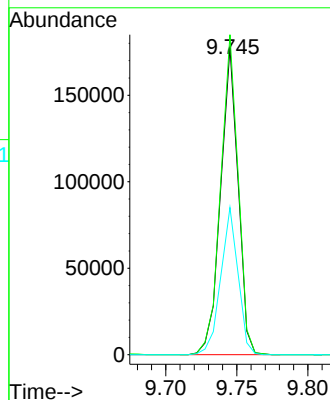
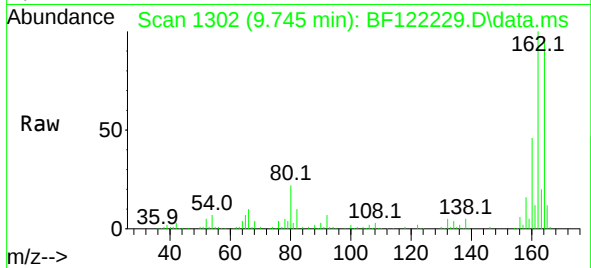




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

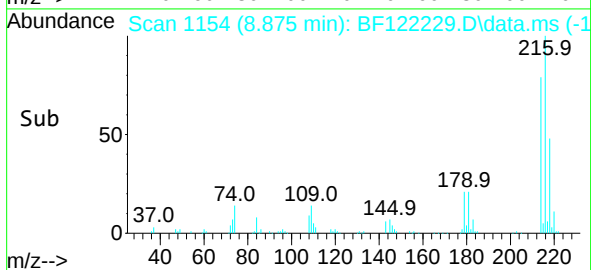
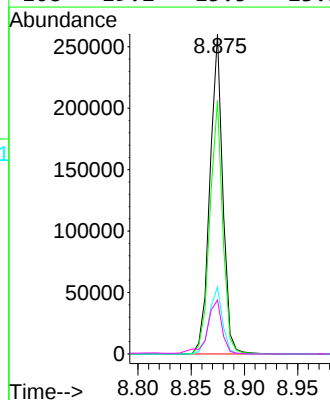
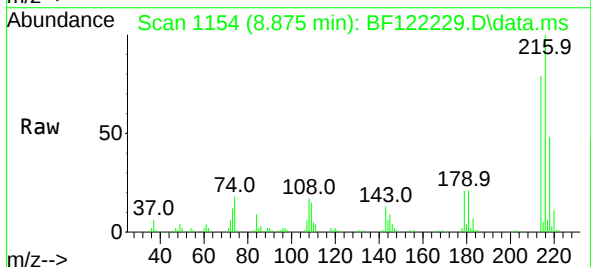
Instrument :
BNA_F
ClientSampleId :
124031MS

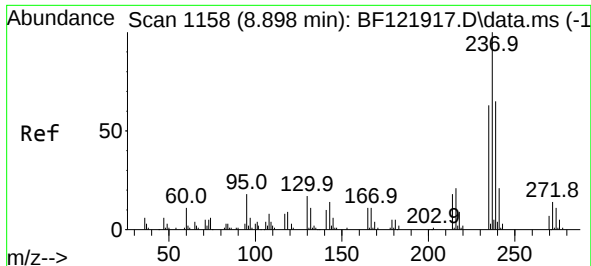
Tgt Ion:164 Resp: 151975
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 47.9 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.62 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

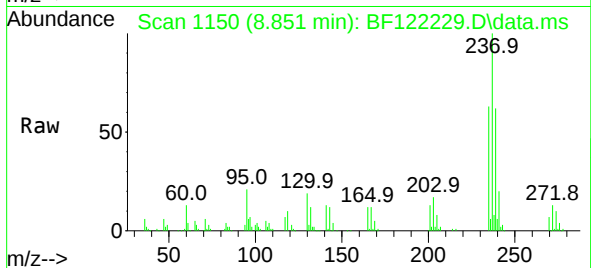
Tgt Ion:216 Resp: 218880
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.2 17.0 25.6
108 19.2 15.5 23.3



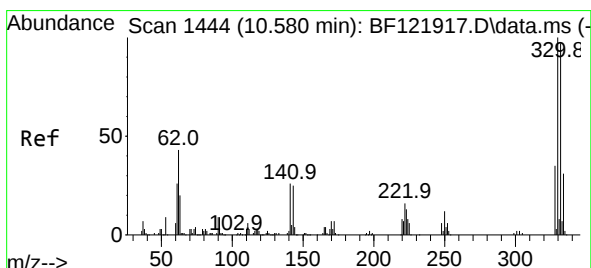
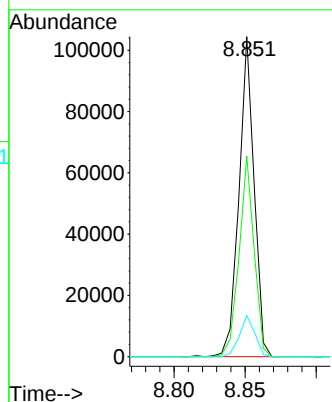
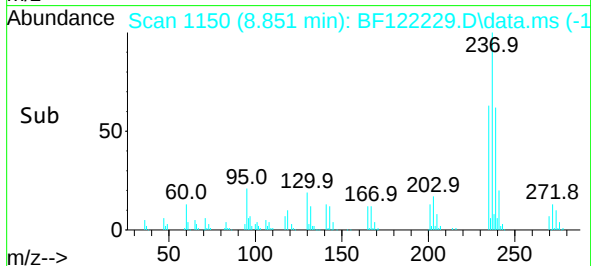


#41
Hexachlorocyclopentadiene
Concen: 59.41 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

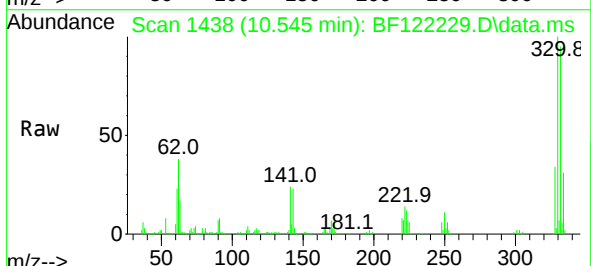
Instrument :
BNA_F
ClientSampleId :
124031MS



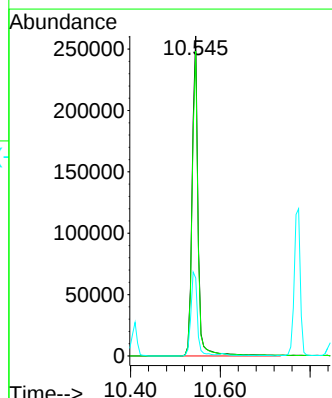
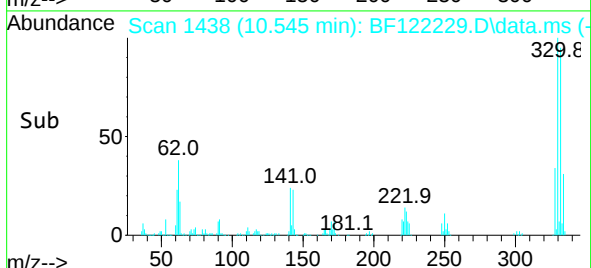
Tgt Ion:237 Resp: 77548
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 12.8 0.0 33.5

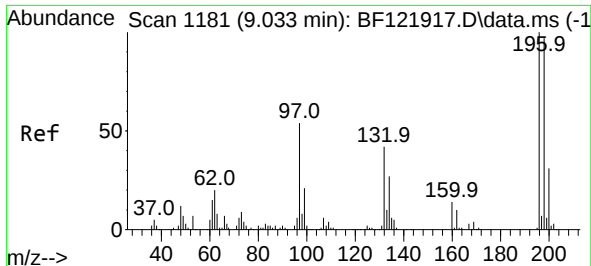


#42
2,4,6-Tribromophenol
Concen: 126.56 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54



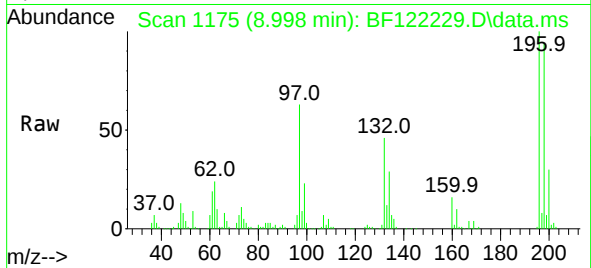
Tgt Ion:330 Resp: 237931
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 28.9 22.3 33.5



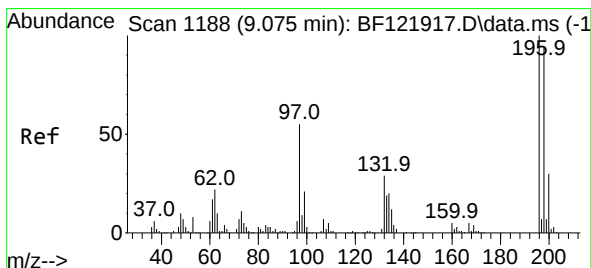
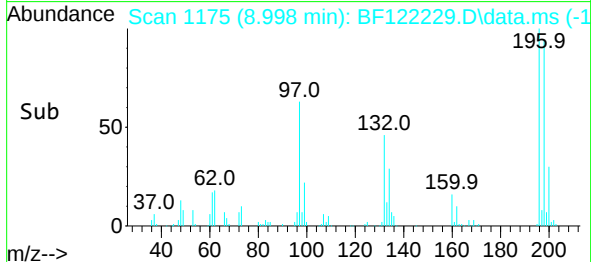
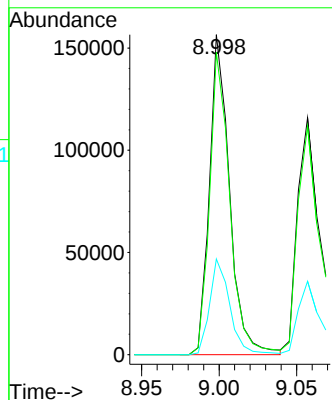


#43
2,4,6-Trichlorophenol
Concen: 46.73 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

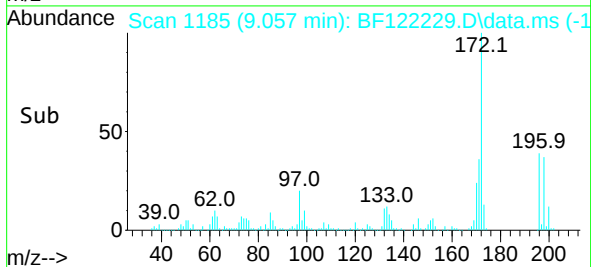
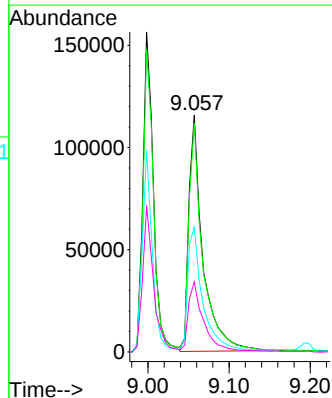
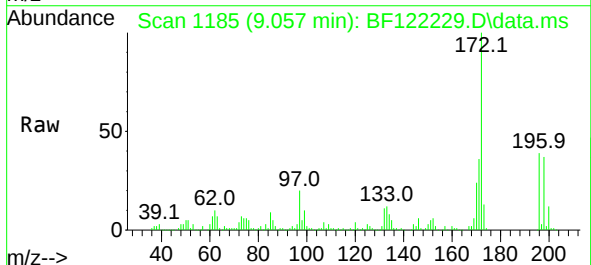


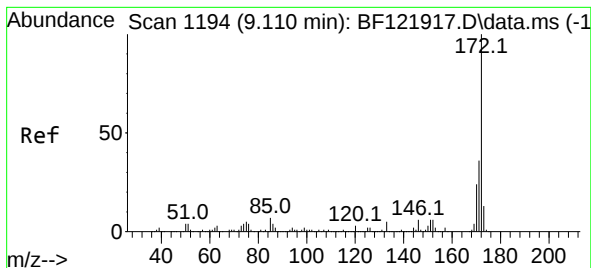
Tgt Ion:196 Resp: 141418
Ion Ratio Lower Upper
196 100
198 94.4 75.8 113.6
200 29.9 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.53 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

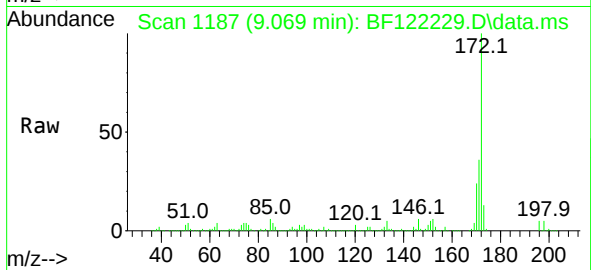
Tgt Ion:196 Resp: 139019
Ion Ratio Lower Upper
196 100
198 96.5 76.1 114.1
97 52.7 41.0 61.6
132 29.6 22.4 33.6



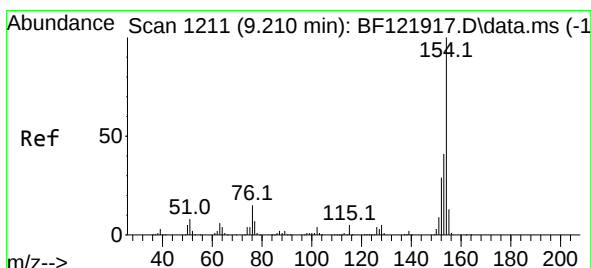
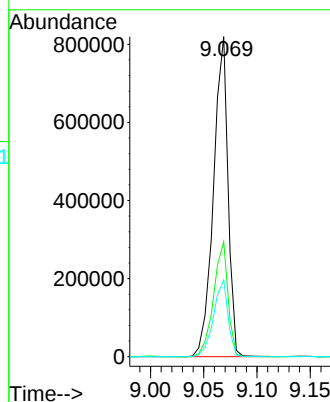
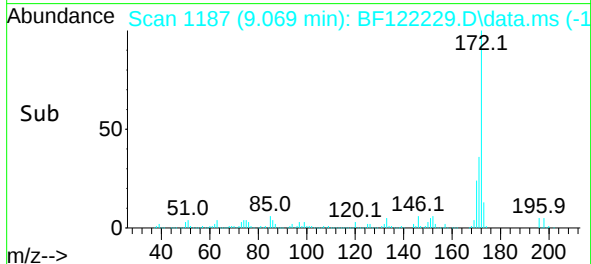


#45
2-Fluorobiphenyl
Concen: 75.14 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

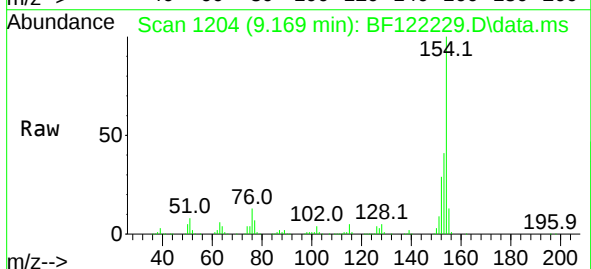
Instrument :
BNA_F
ClientSampleId :
124031MS



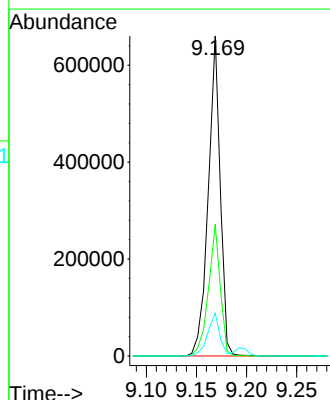
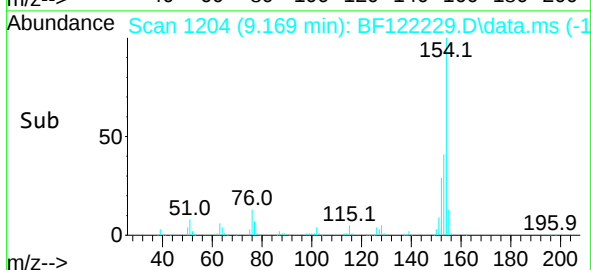
Tgt Ion:172 Resp: 776157
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.9 19.8 29.6

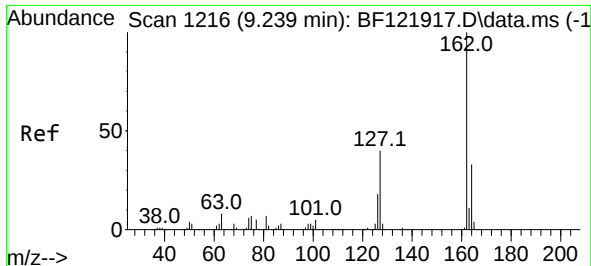


#46
1,1'-Biphenyl
Concen: 44.69 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54



Tgt Ion:154 Resp: 552192
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 13.4 0.0 34.7

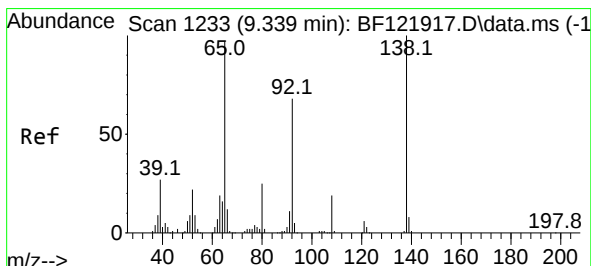
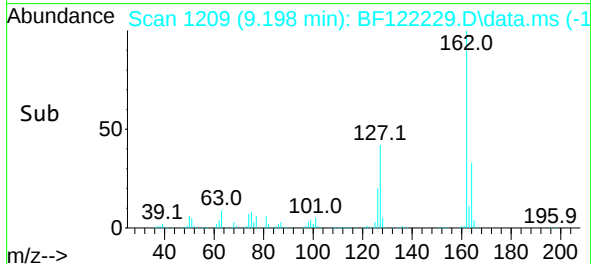
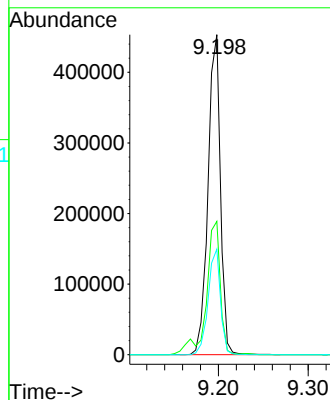
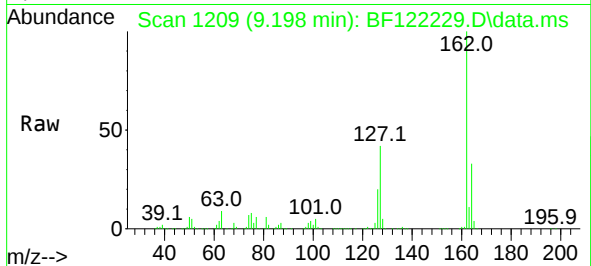




#47
2-Chloronaphthalene
Concen: 45.35 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

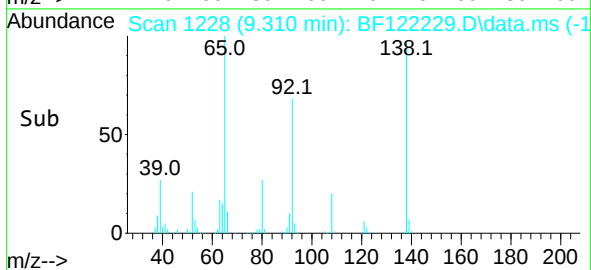
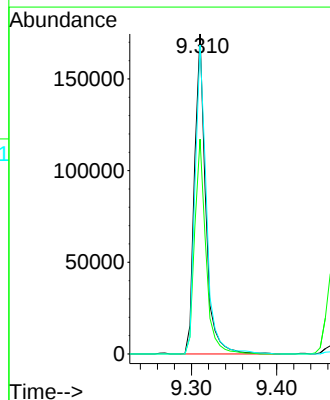
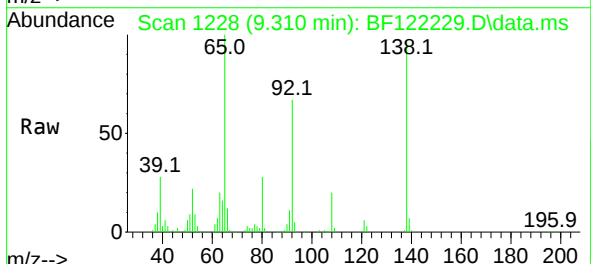
Instrument :
BNA_F
ClientSampleId :
124031MS

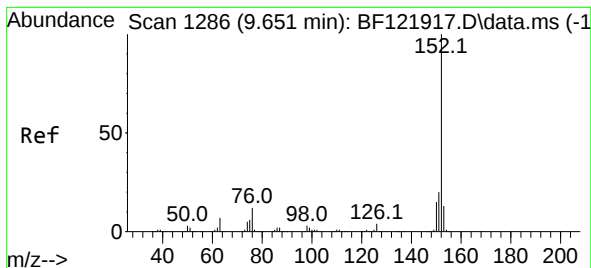
Tgt Ion:162 Resp: 435776
Ion Ratio Lower Upper
162 100
127 41.6 34.4 51.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 49.88 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 65 Resp: 158096
Ion Ratio Lower Upper
65 100
92 67.2 55.1 82.7
138 96.6 80.5 120.7





#49

Acenaphthylene

Concen: 45.15 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion:152 Resp: 666425

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

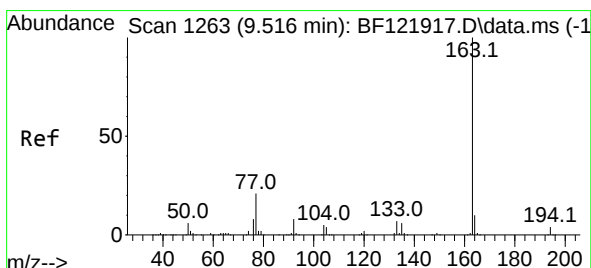
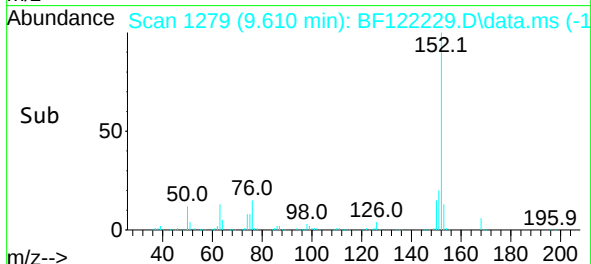
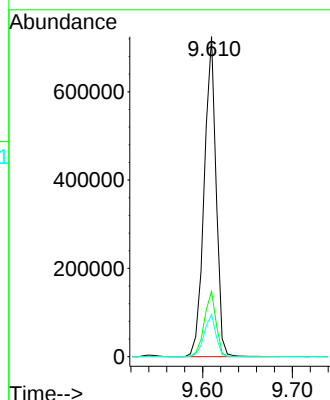
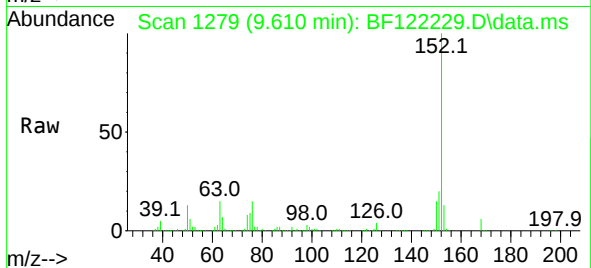
153 13.2 10.6 15.8

Instrument :

BNA_F

ClientSampleId :

124031MS



#50

Dimethylphthalate

Concen: 56.77 ng

RT: 9.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

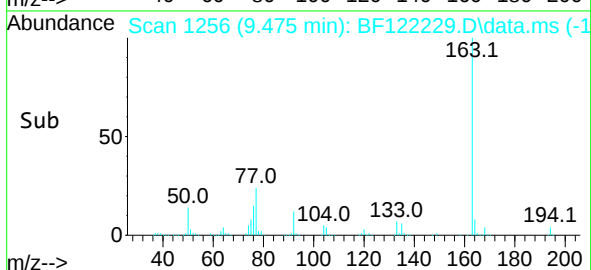
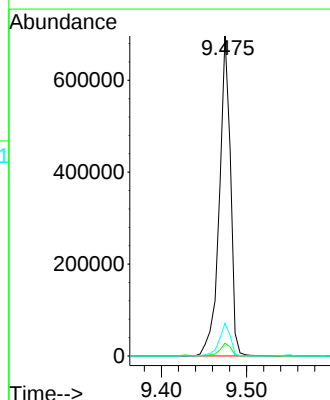
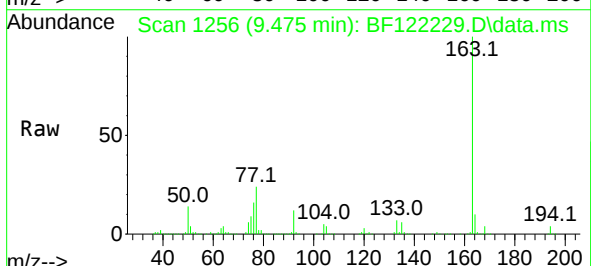
Tgt Ion:163 Resp: 630889

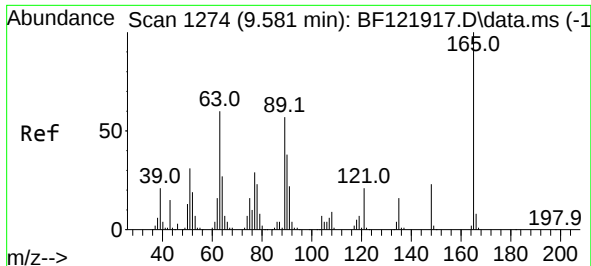
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.2 12.4

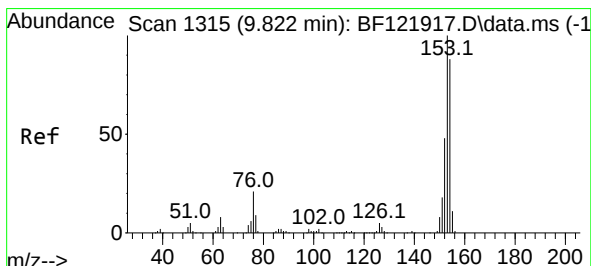
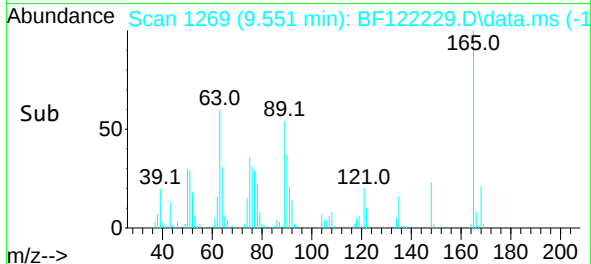
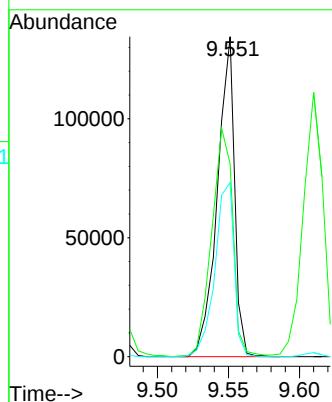
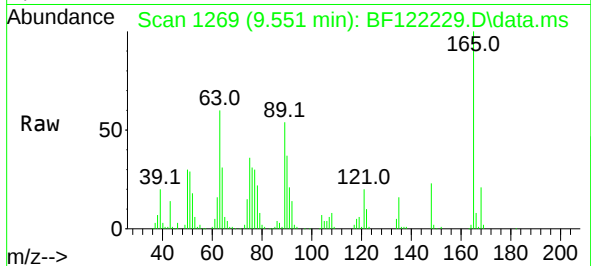




#51
2,6-Dinitrotoluene
Concen: 46.42 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

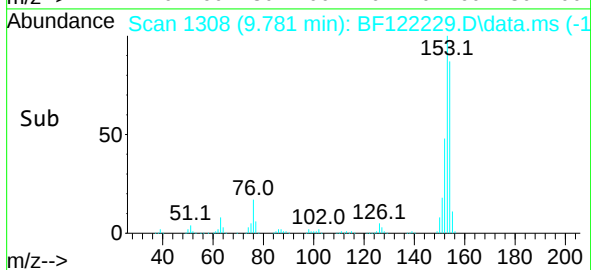
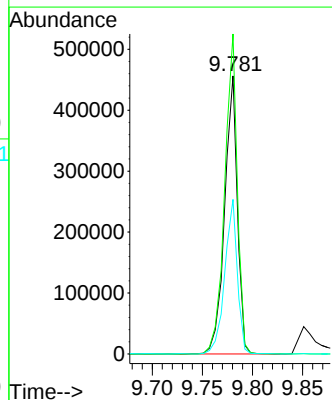
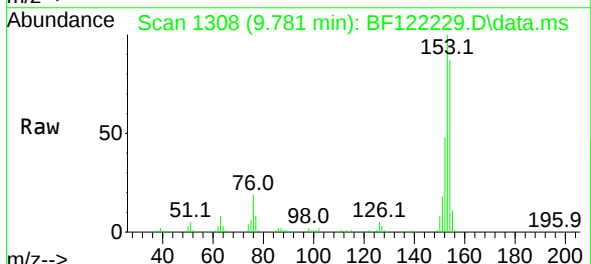
Instrument :
BNA_F
ClientSampleId :
124031MS

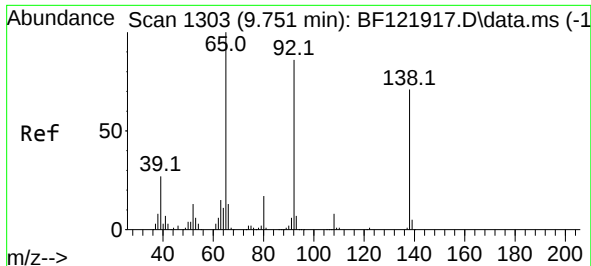
Tgt Ion:165 Resp: 113165
Ion Ratio Lower Upper
165 100
63 60.2 51.8 77.6
89 54.4 49.0 73.6



#52
Acenaphthene
Concen: 45.82 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:154 Resp: 402233
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.8
152 55.6 43.2 64.8

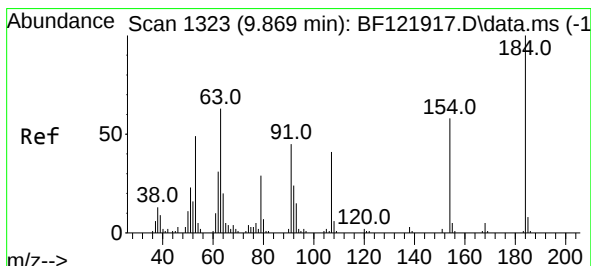
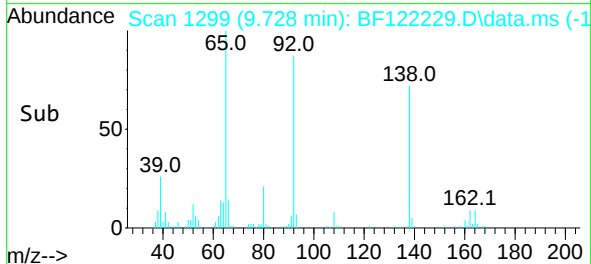
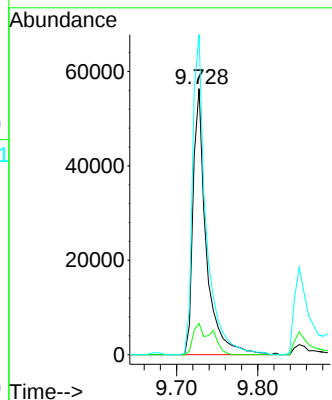
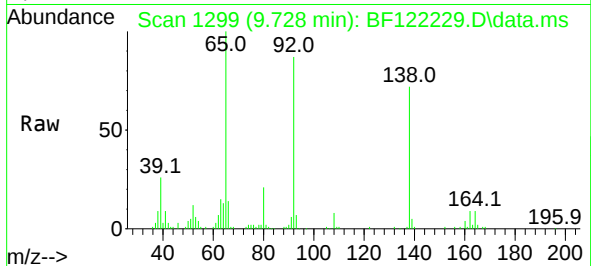




#53
3-Nitroaniline
Concen: 22.92 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

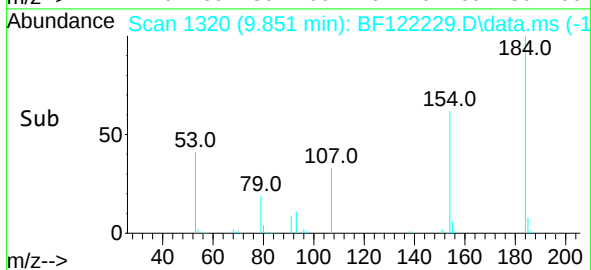
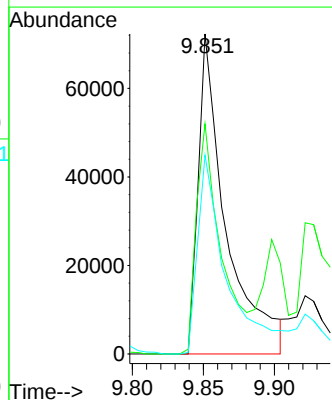
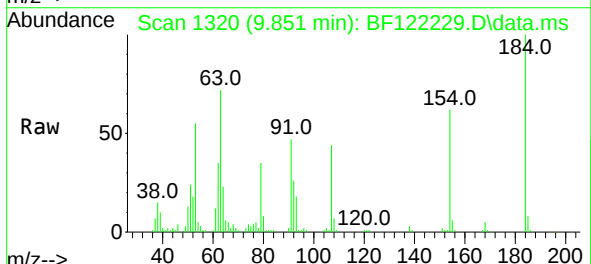
Instrument :
BNA_F
ClientSampleId :
124031MS

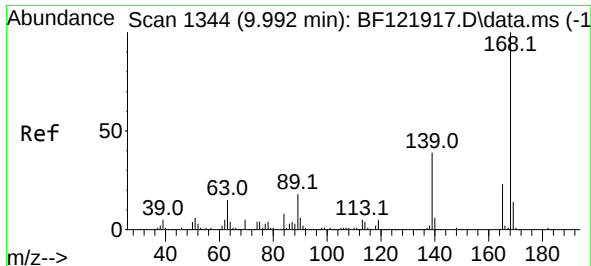
Tgt Ion:138 Resp: 63548
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 120.2 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 79.01 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:184 Resp: 98132
Ion Ratio Lower Upper
184 100
63 72.0 45.9 68.9#
154 62.1 45.8 68.6

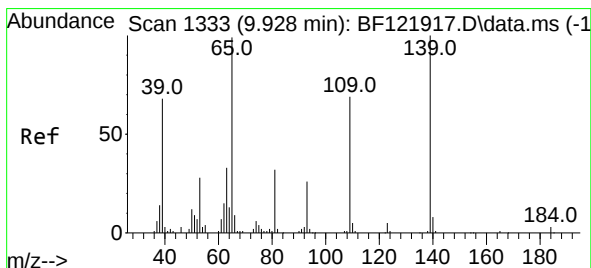
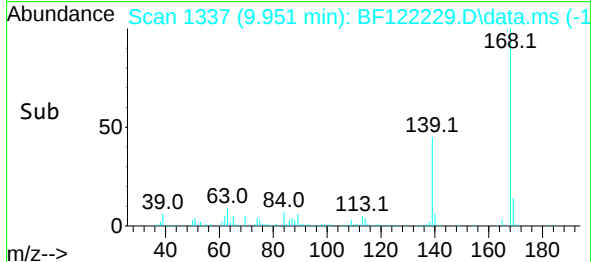
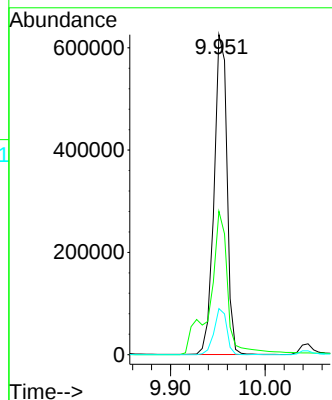
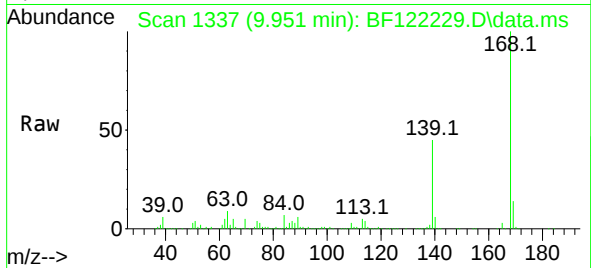




#55
Dibenzenofuran
Concen: 45.89 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

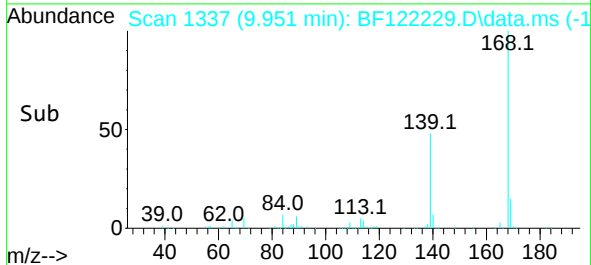
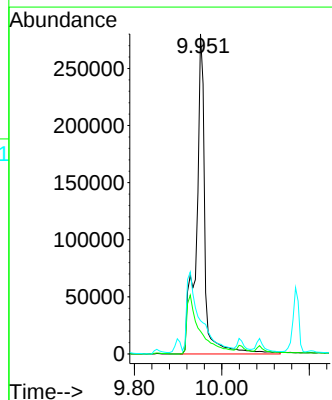
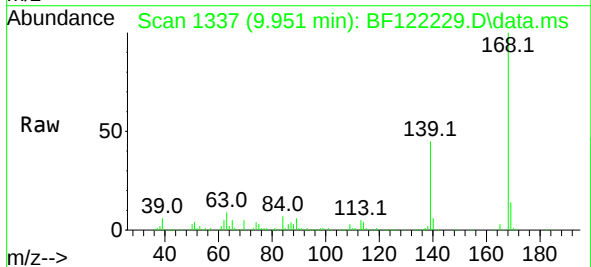
Instrument :
BNA_F
ClientSampleId :
124031MS

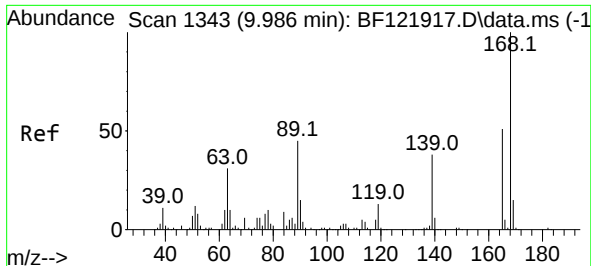
Tgt Ion:168 Resp: 589228
Ion Ratio Lower Upper
168 100
139 44.8 31.0 46.6
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 257.19 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.041 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

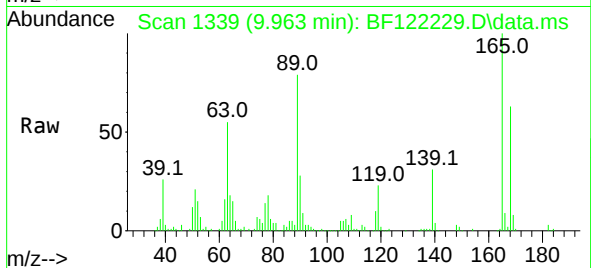
Tgt Ion:139 Resp: 387878
Ion Ratio Lower Upper
139 100
109 7.1 45.4 85.4#
65 10.4 68.4 108.4#



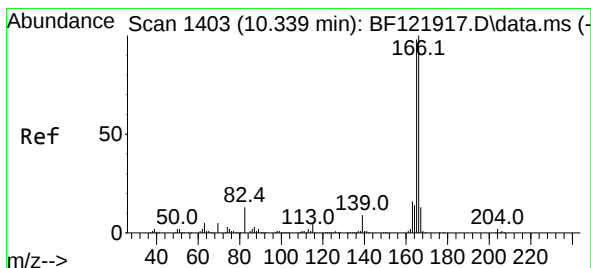
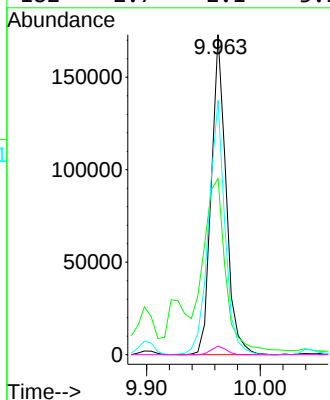
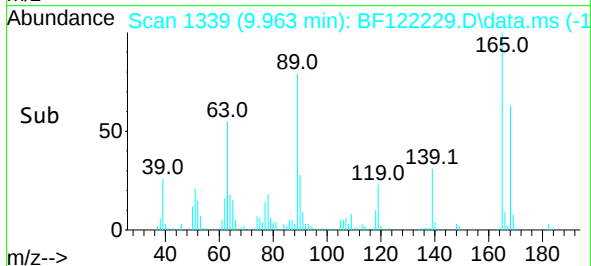


#57
2,4-Dinitrotoluene
Concen: 51.77 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

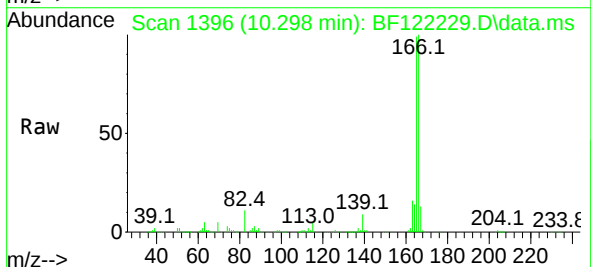
Instrument :
BNA_F
ClientSampleId :
124031MS



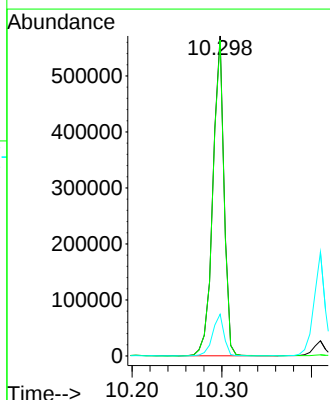
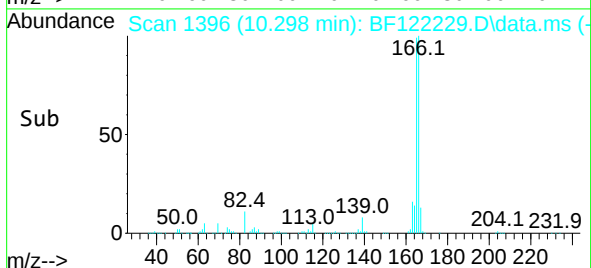
Tgt Ion:165 Resp: 155354
Ion Ratio Lower Upper
165 100
63 55.0 41.3 61.9
89 79.4 61.8 92.8
182 2.7 2.1 3.1

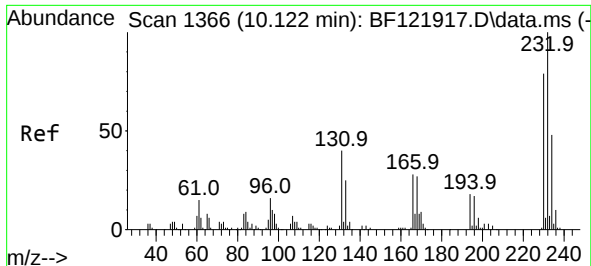


#58
Fluorene
Concen: 47.61 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54



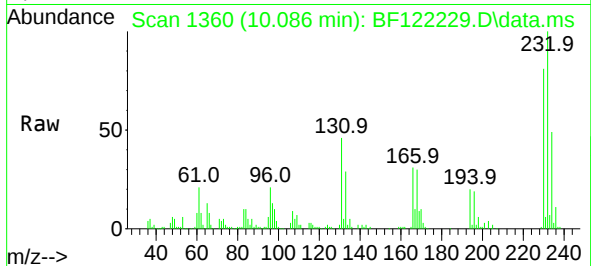
Tgt Ion:166 Resp: 492432
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.1 11.0 16.6



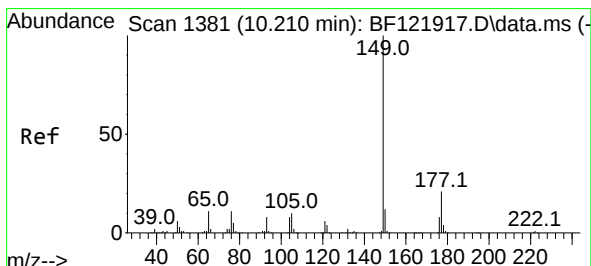
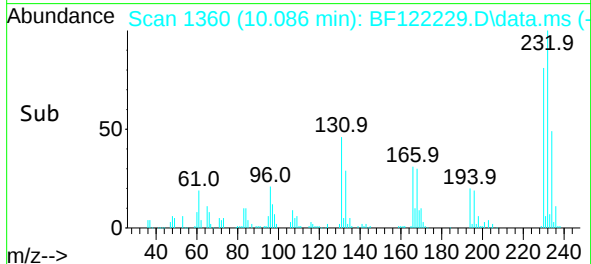
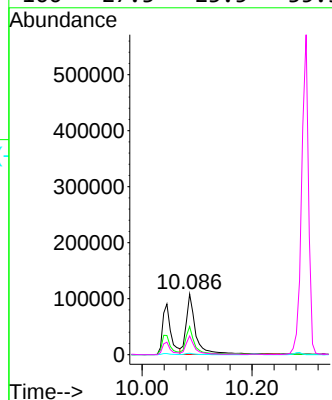


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.01 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

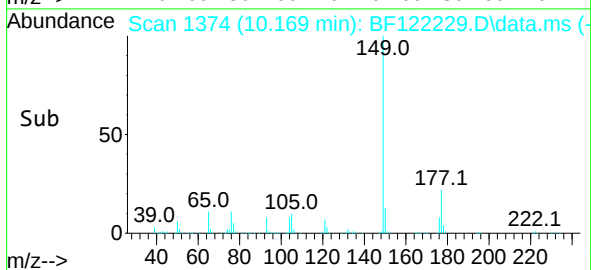
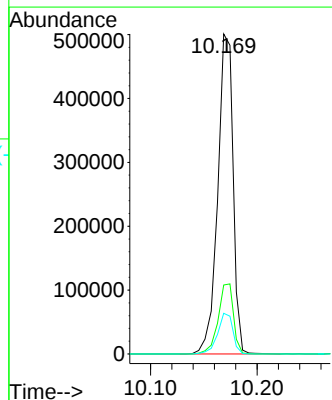
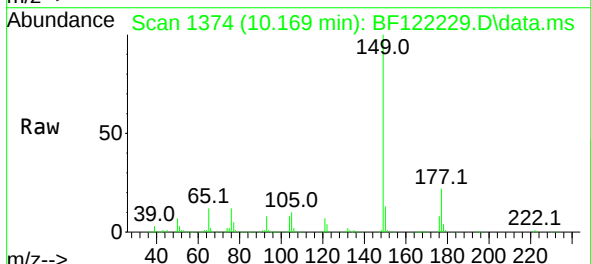


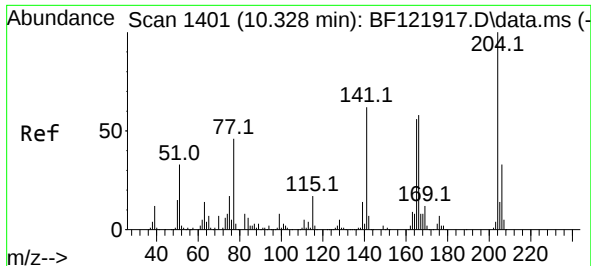
Tgt Ion:232 Resp: 129000
Ion Ratio Lower Upper
232 100
131 41.1 35.9 53.9
130 2.4 1.8 2.6
166 27.3 23.5 35.3



#60
Diethylphthalate
Concen: 46.95 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:149 Resp: 503103
Ion Ratio Lower Upper
149 100
177 21.5 18.1 27.1
150 12.7 10.3 15.5

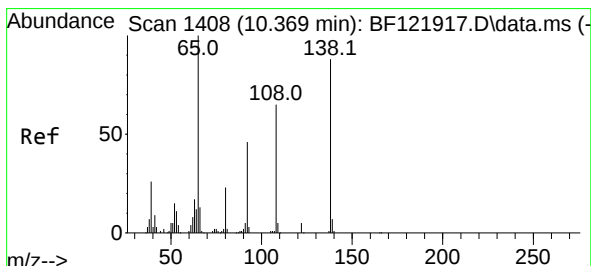
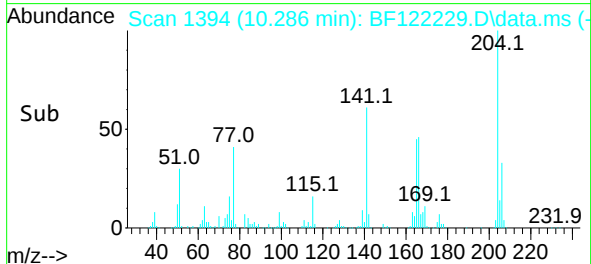
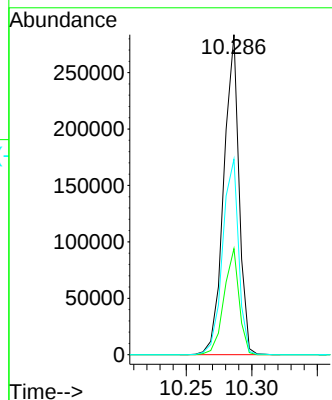
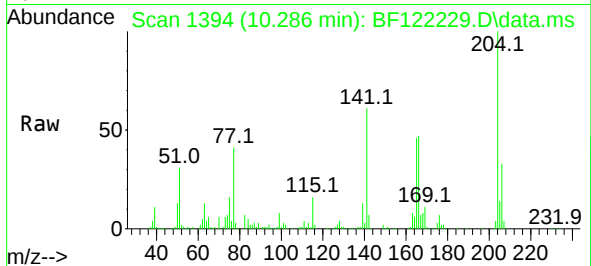




#61
4-Chlorophenyl-phenylether
Concen: 46.21 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

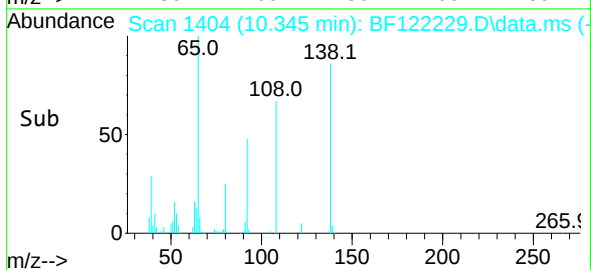
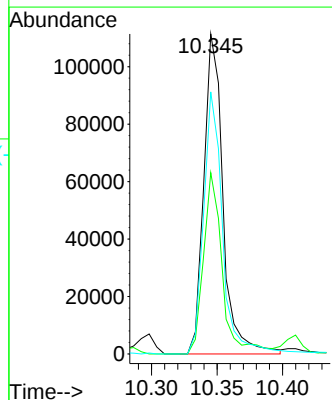
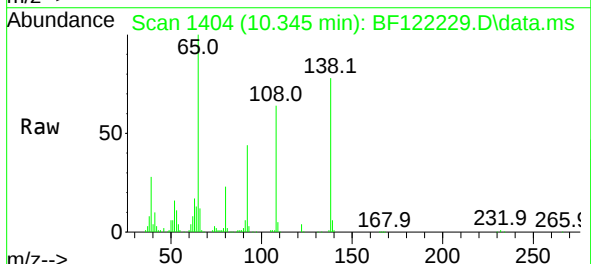
Instrument :
BNA_F
ClientSampleId :
124031MS

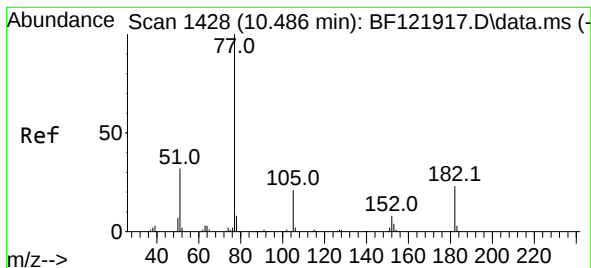
Tgt Ion:204 Resp: 229250
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 61.1 46.2 69.4



#62
4-Nitroaniline
Concen: 41.04 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:138 Resp: 113682
Ion Ratio Lower Upper
138 100
92 56.7 31.0 71.0
108 81.9 51.5 91.5



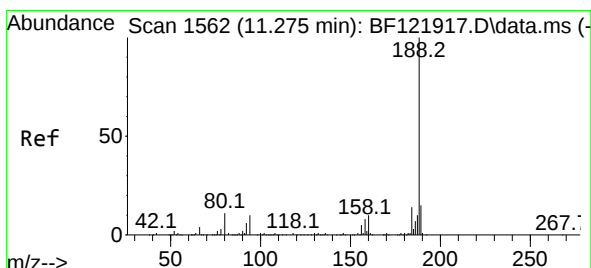
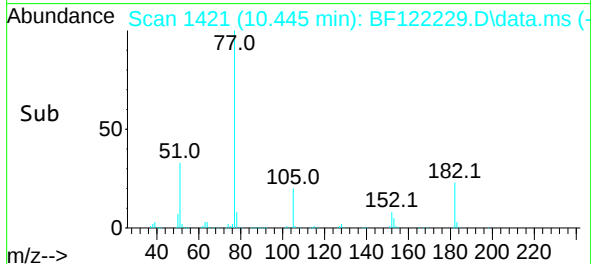
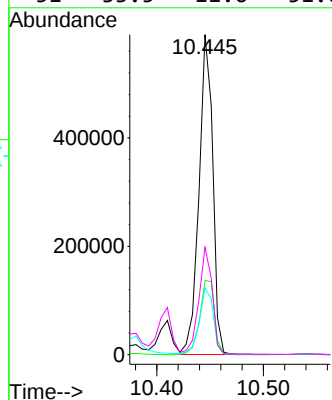
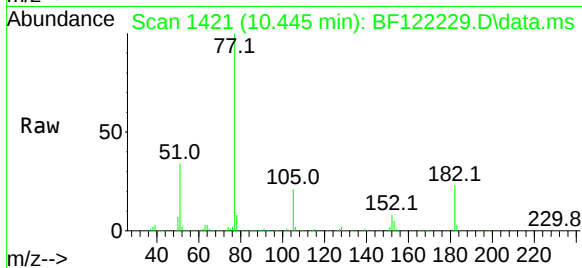


#63
Azobenzene
Concen: 46.86 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

Tgt Ion: 77 Resp: 531060

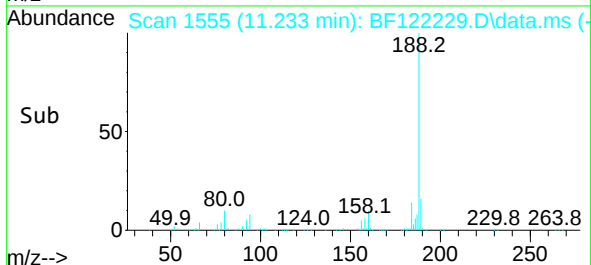
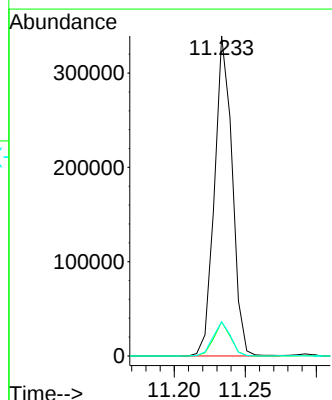
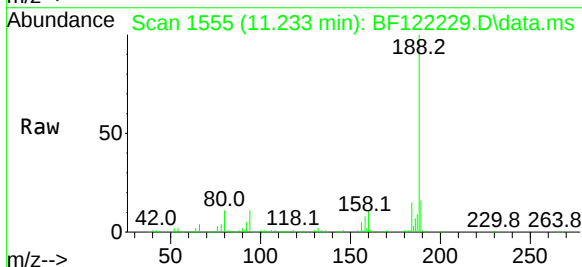
Ion	Ratio	Lower	Upper
77	100		
182	23.2	3.4	43.4
105	20.9	1.7	41.7
51	33.5	11.6	51.6

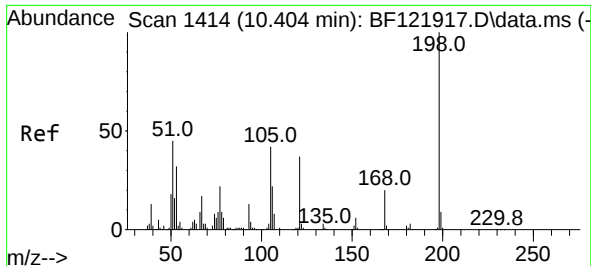


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion: 188 Resp: 295029

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	10.7	9.1	13.7

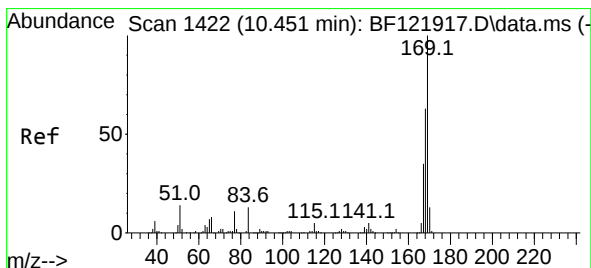
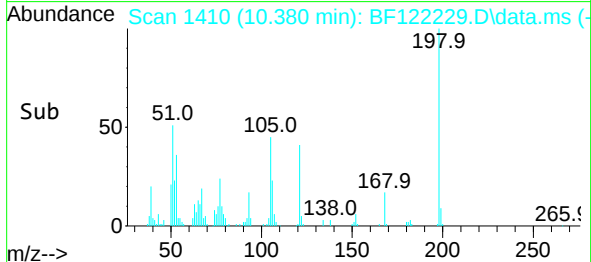
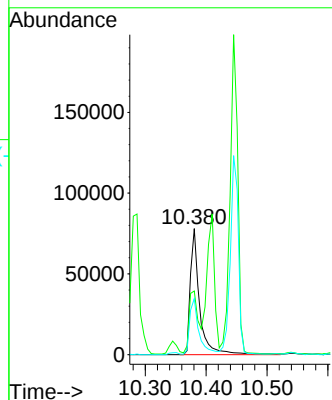
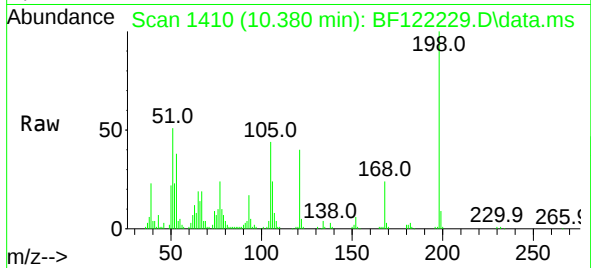




#65
4,6-Dinitro-2-methylphenol
Concen: 42.57 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

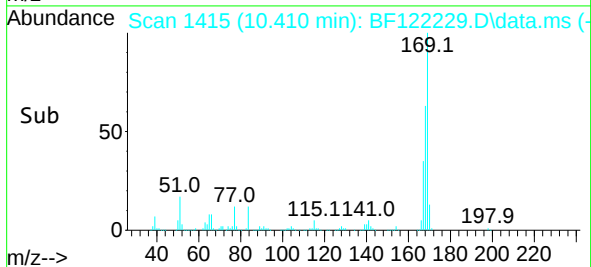
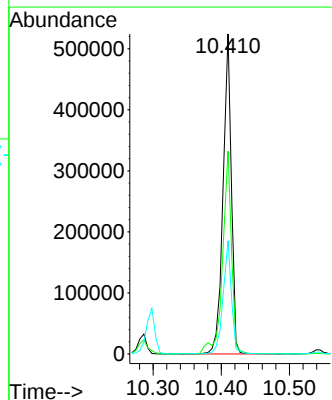
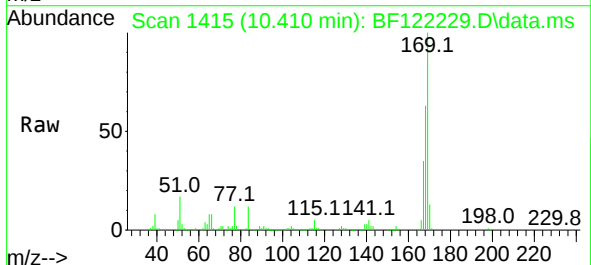
Instrument :
BNA_F
ClientSampleId :
124031MS

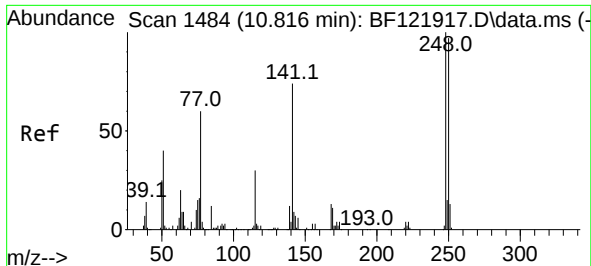
Tgt Ion:198 Resp: 83064
Ion Ratio Lower Upper
198 100
51 50.5 29.6 69.6
105 44.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 44.07 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:169 Resp: 447856
Ion Ratio Lower Upper
169 100
168 63.4 50.0 75.0
167 35.4 27.8 41.6

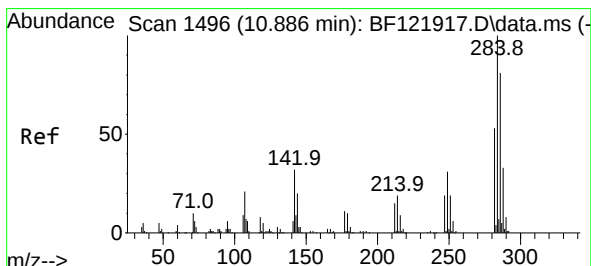
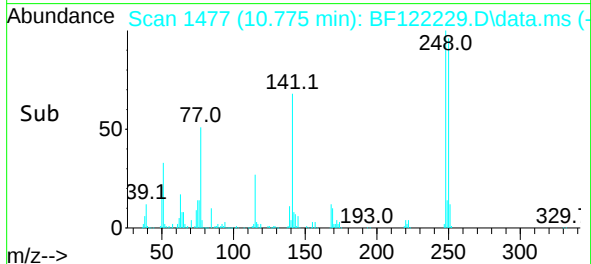
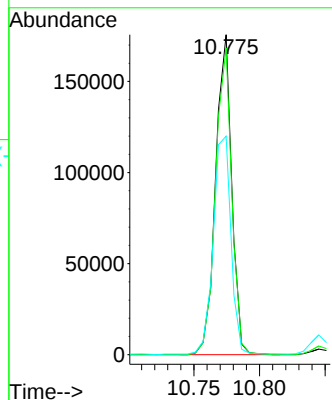
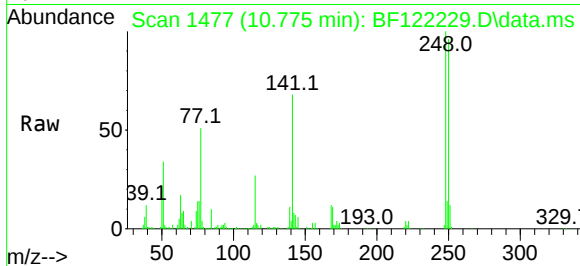




#67
4-Bromophenyl-phenylether
Concen: 43.97 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

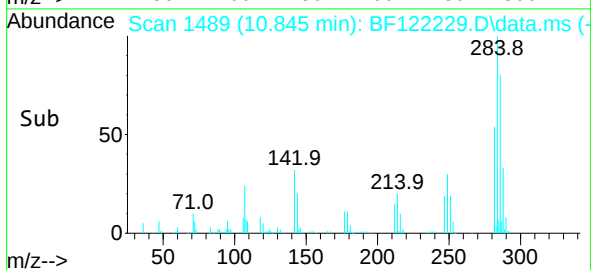
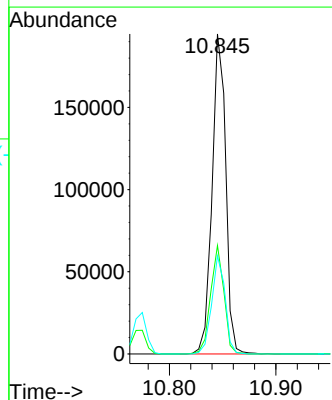
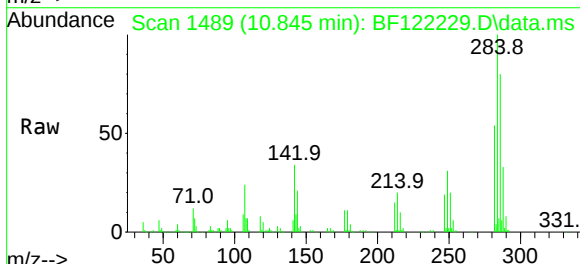
Instrument :
BNA_F
ClientSampleId :
124031MS

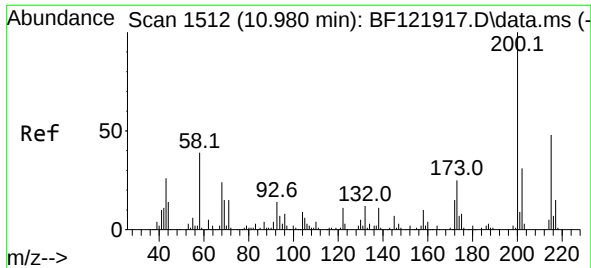
Tgt Ion:248 Resp: 149862
Ion Ratio Lower Upper
248 100
250 95.8 77.0 115.6
141 68.3 53.7 80.5



#68
Hexachlorobenzene
Concen: 44.85 ng
RT: 10.845 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:284 Resp: 173017
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 30.7 24.2 36.4

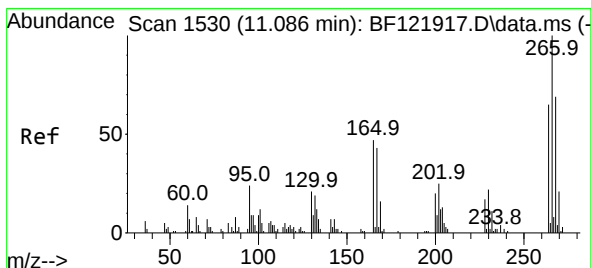
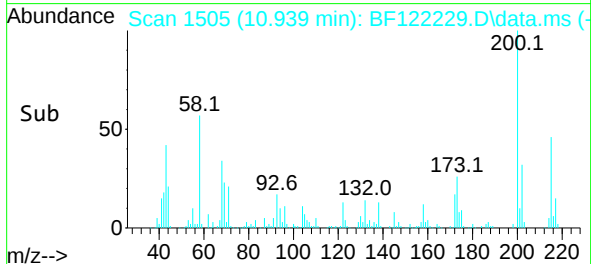
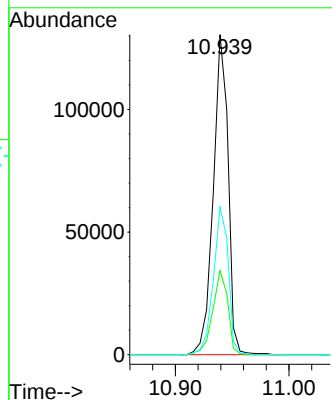
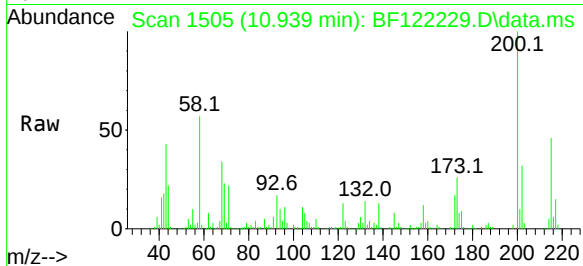




#69
Atrazine
Concen: 47.67 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

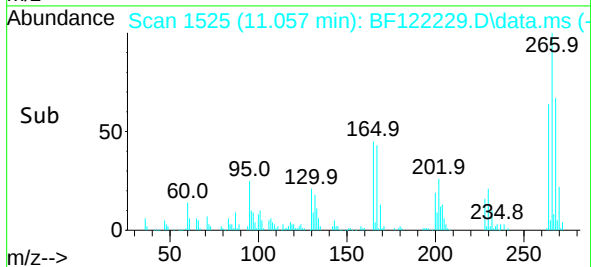
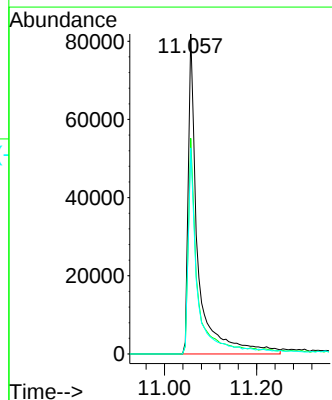
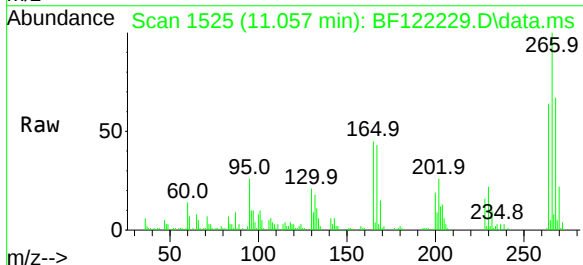
Instrument :
BNA_F
ClientSampleId :
124031MS

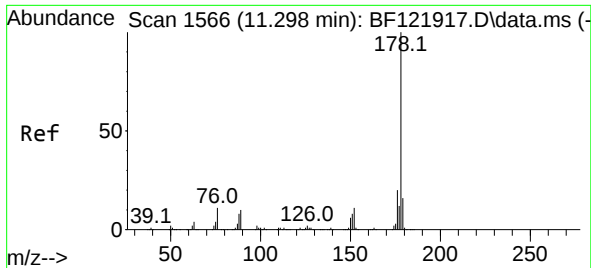
Tgt Ion:200 Resp: 118467
Ion Ratio Lower Upper
200 100
173 26.3 7.5 47.5
215 46.1 27.1 67.1



#70
Pentachlorophenol
Concen: 79.08 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:266 Resp: 119809
Ion Ratio Lower Upper
266 100
268 67.4 52.4 78.6
264 64.4 49.9 74.9

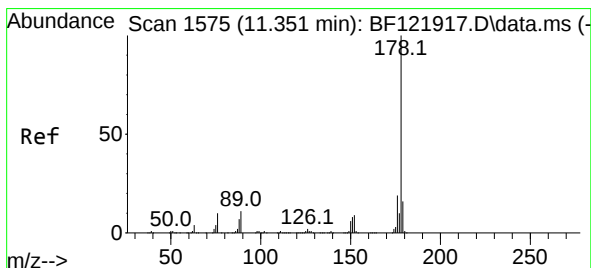
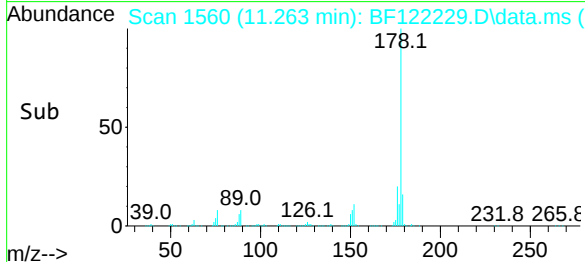
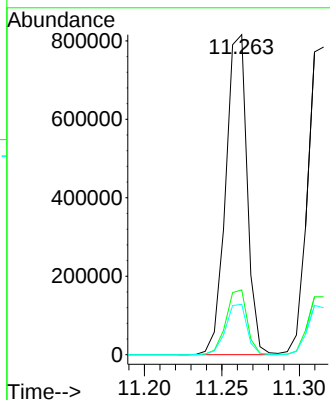
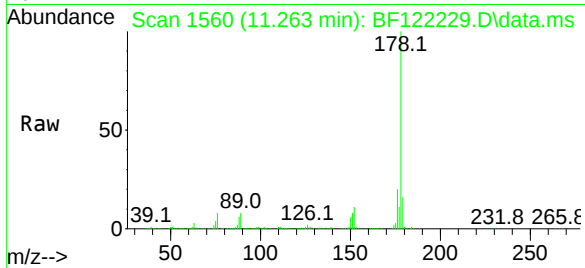




#71
Phenanthrene
Concen: 48.51 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

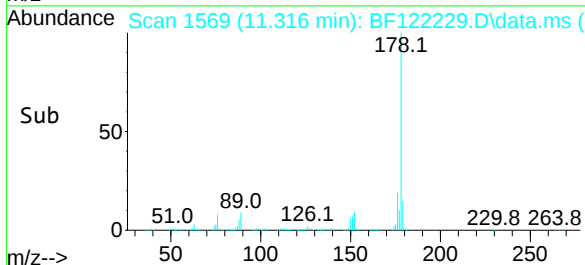
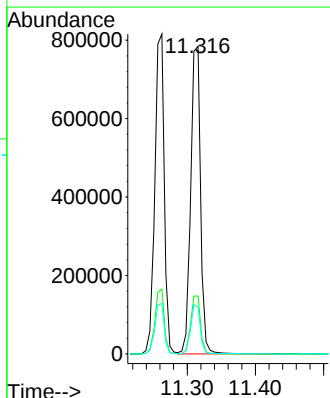
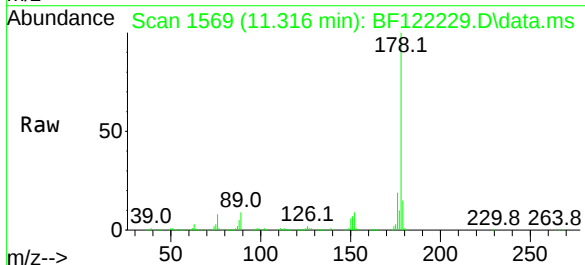
Instrument :
BNA_F
ClientSampleId :
124031MS

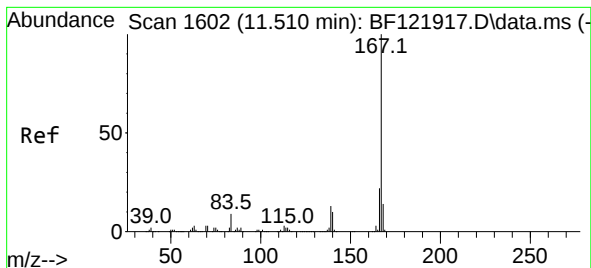
Tgt Ion:178 Resp: 784658
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.8 12.2 18.4



#72
Anthracene
Concen: 46.38 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:178 Resp: 778120
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.2 12.7 19.1





#73

Carbazole

Concen: 47.23 ng

RT: 11.475 min Scan# 1596

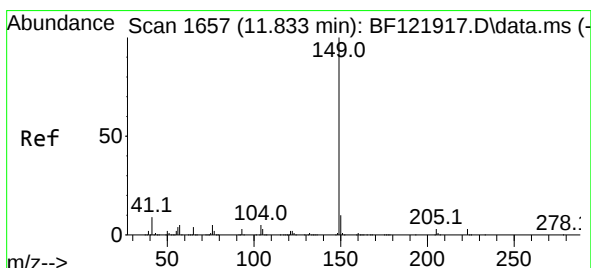
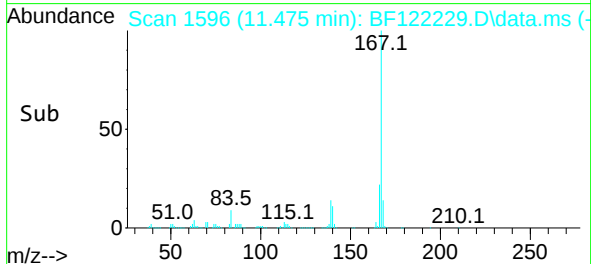
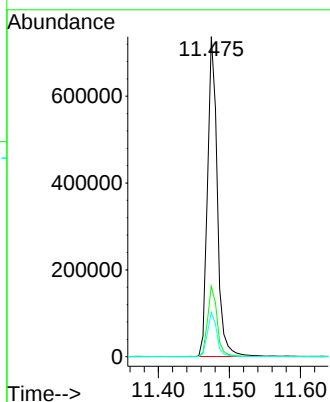
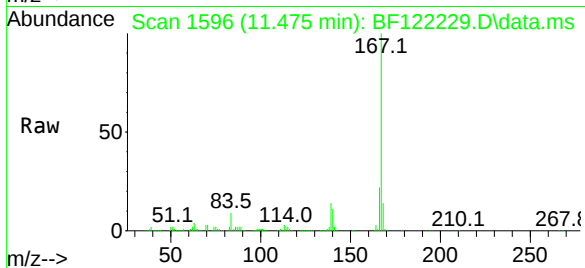
Delta R.T. -0.000 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion:167 Resp: 704642

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.9	10.8	16.2



#74

Di-n-butylphthalate

Concen: 45.67 ng

RT: 11.792 min Scan# 1650

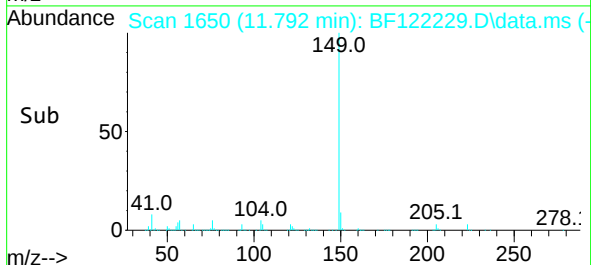
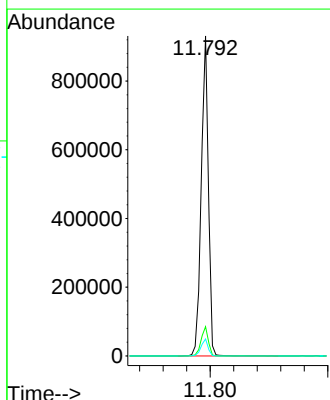
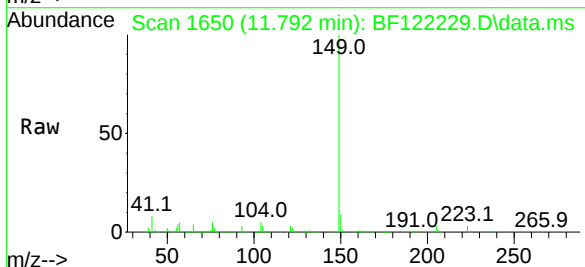
Delta R.T. -0.000 min

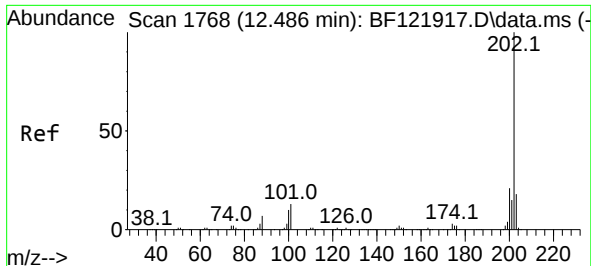
Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion:149 Resp: 783845

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.3	4.2	6.2

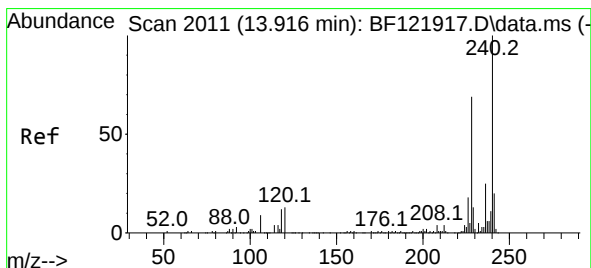
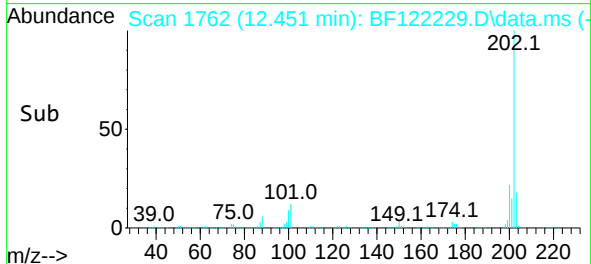
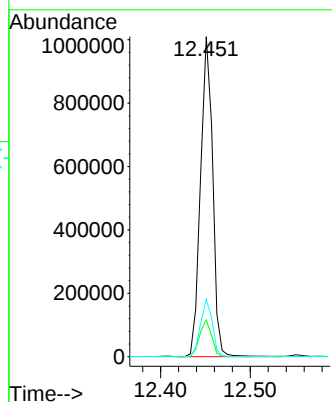
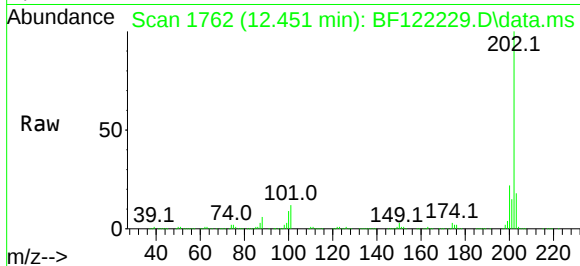




#75
Fluoranthene
Concen: 54.68 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

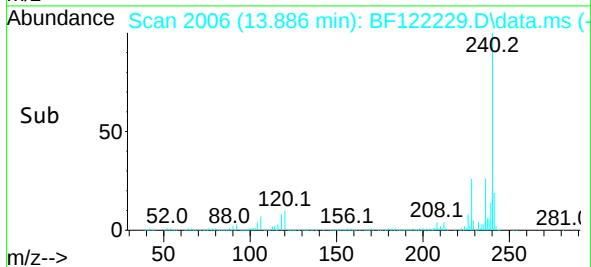
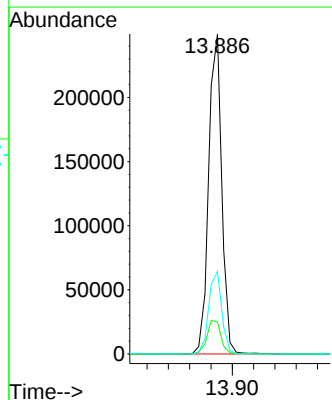
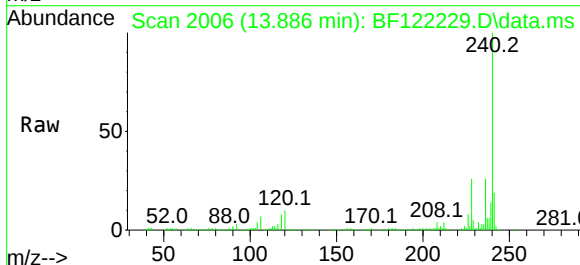
Instrument :
BNA_F
ClientSampleId :
124031MS

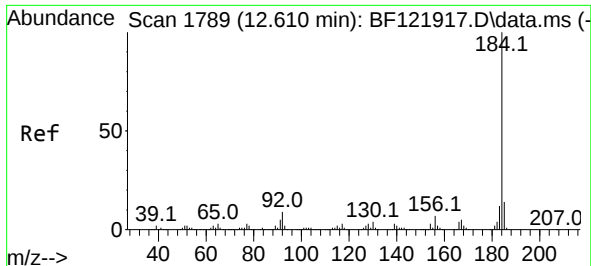
Tgt Ion:202 Resp: 948500
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:240 Resp: 213901
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.8 20.9 31.3

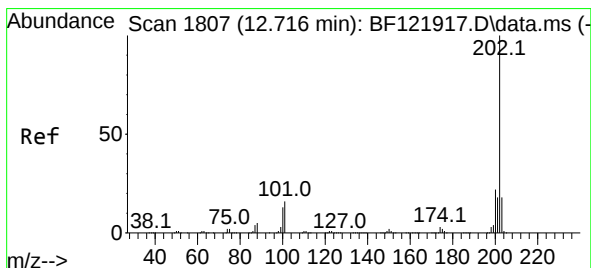
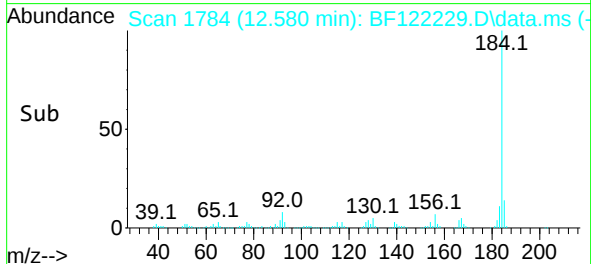
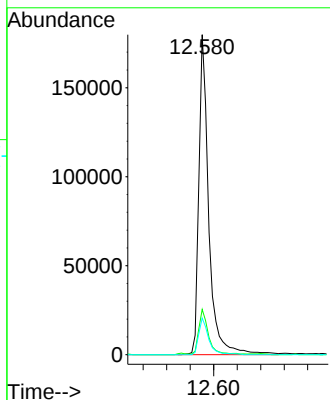
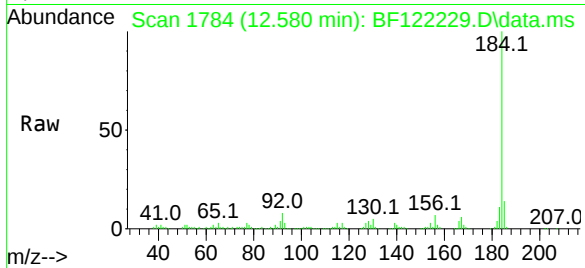




#77
Benzidine
Concen: 31.98 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

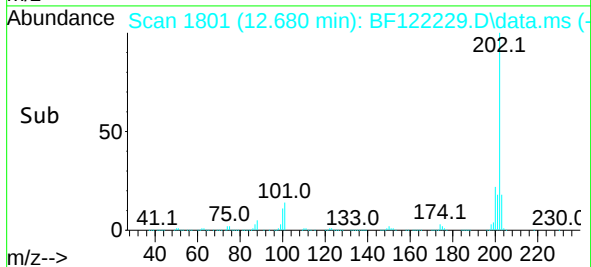
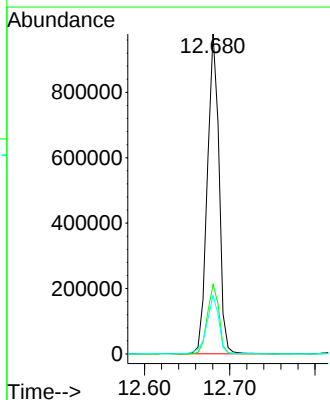
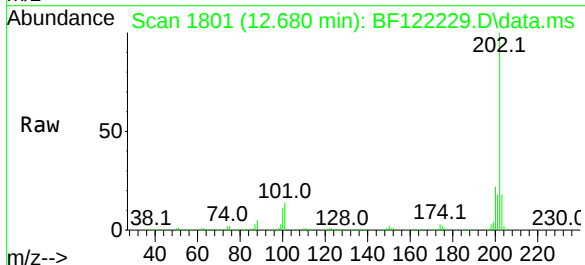
Instrument :
BNA_F
ClientSampleId :
124031MS

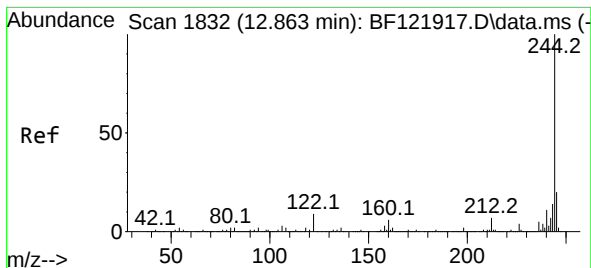
Tgt Ion:184 Resp: 210921
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.5 9.4 14.0



#78
Pyrene
Concen: 56.94 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

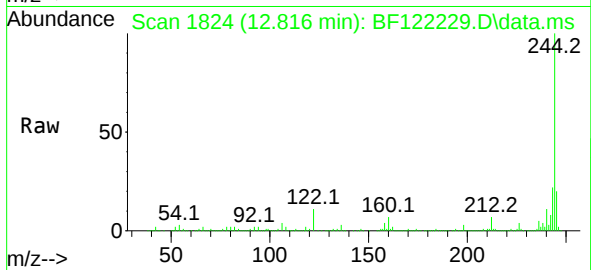
Tgt Ion:202 Resp: 928167
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.6 21.8



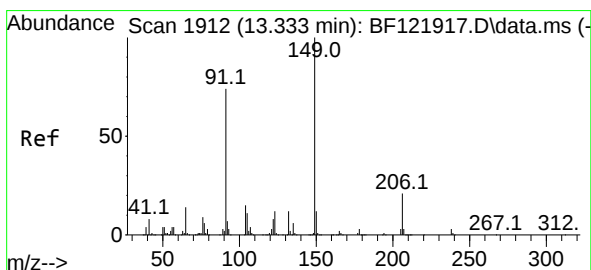
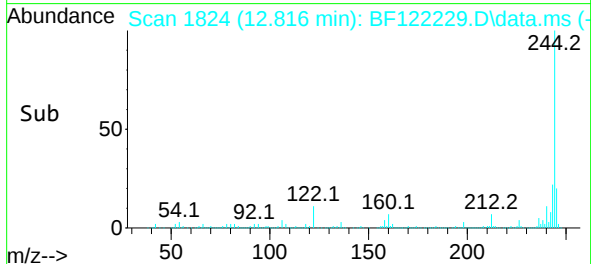
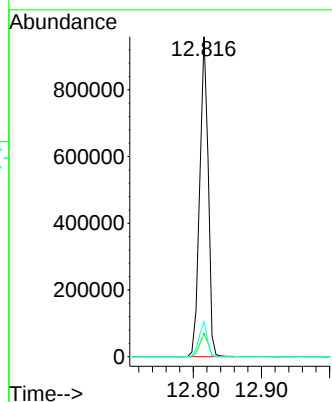


#79
 Terphenyl-d14
 Concen: 73.41 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122229.D
 Acq: 2 Nov 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 124031MS

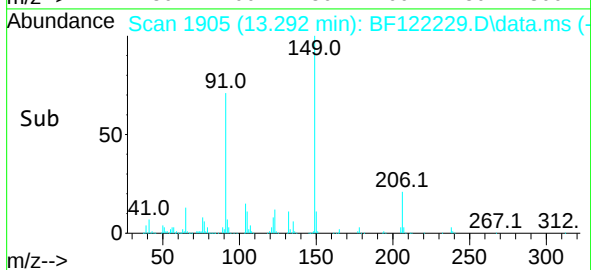
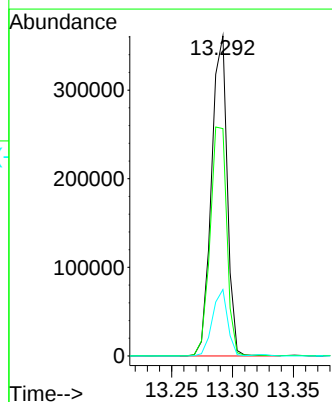
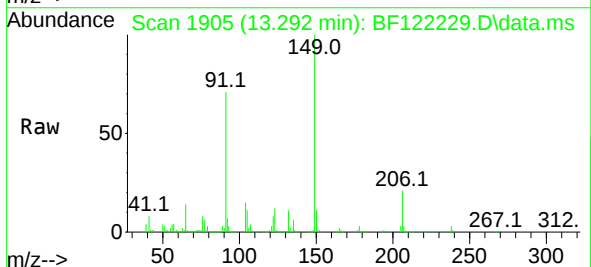


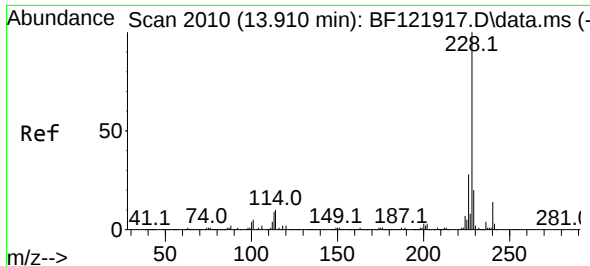
Tgt Ion:244 Resp: 823897
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.8 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 50.28 ng
 RT: 13.292 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BF122229.D
 Acq: 2 Nov 2020 16:54

Tgt Ion:149 Resp: 325035
 Ion Ratio Lower Upper
 149 100
 91 71.0 61.0 91.4
 206 20.8 16.7 25.1

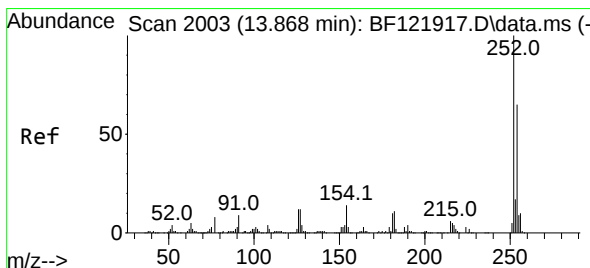
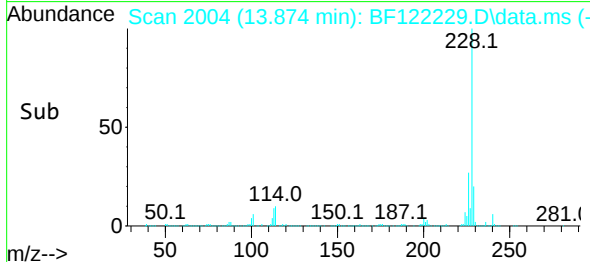
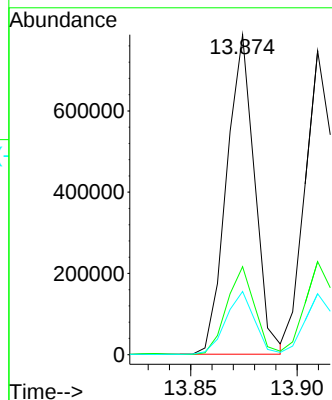
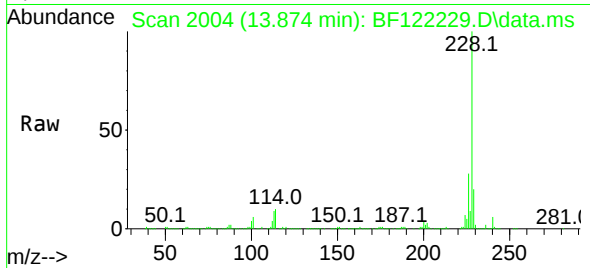




#81
Benzo(a)anthracene
Concen: 51.33 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

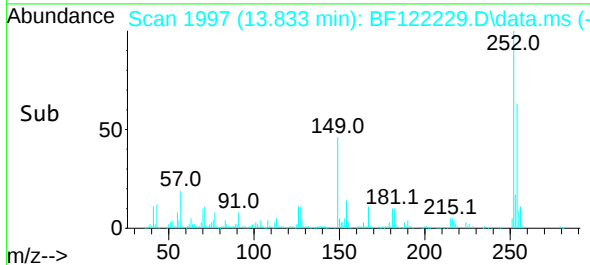
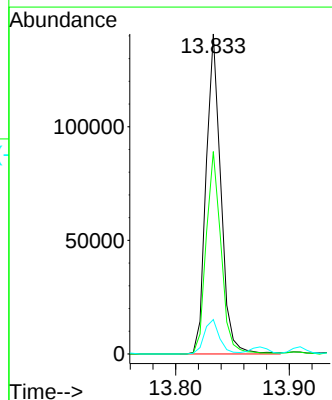
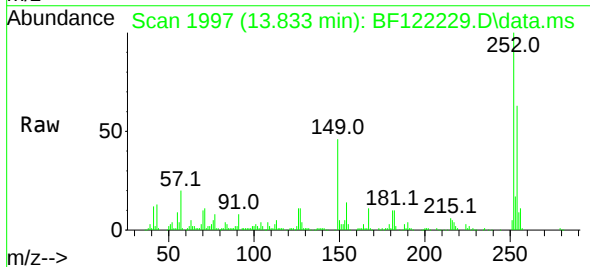
Instrument :
BNA_F
ClientSampleId :
124031MS

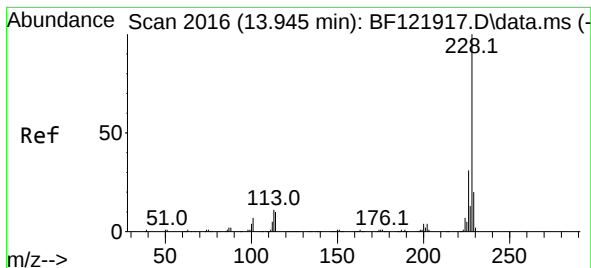
Tgt Ion:228 Resp: 719491
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 24.38 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:252 Resp: 126744
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.6
126 10.8 8.8 13.2





#83

Chrysene

Concen: 49.68 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

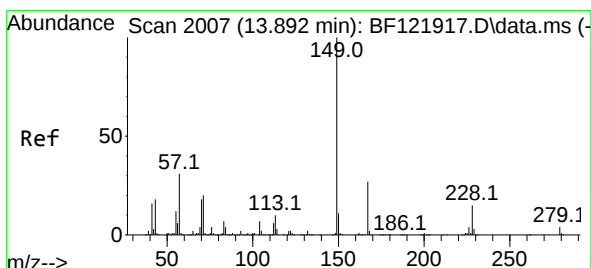
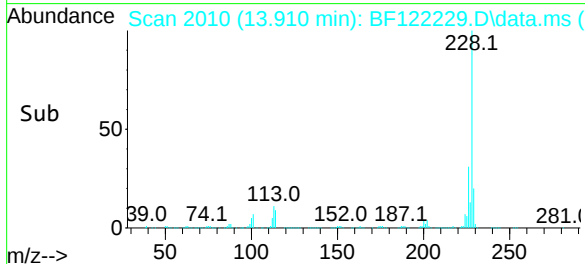
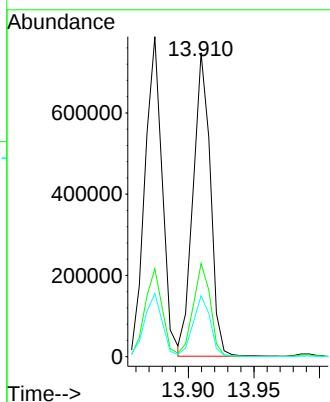
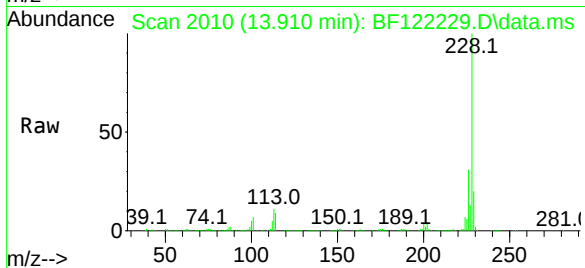
Tgt Ion:228 Resp: 683688

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.24 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

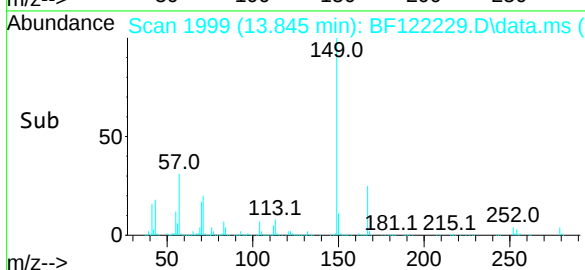
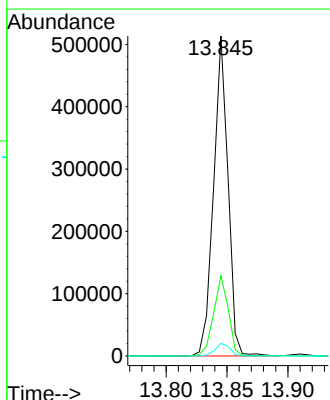
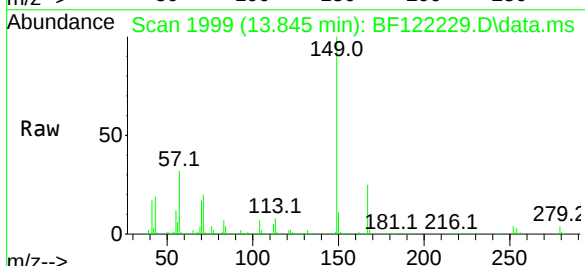
Tgt Ion:149 Resp: 423385

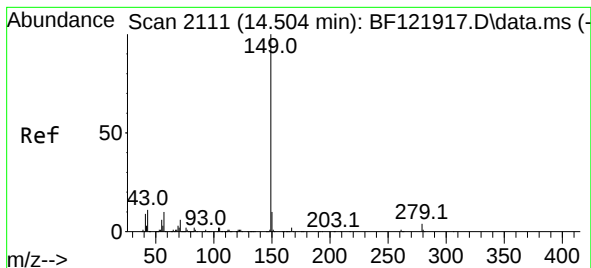
Ion Ratio Lower Upper

149 100

167 25.1 20.9 31.3

279 4.0 3.2 4.8

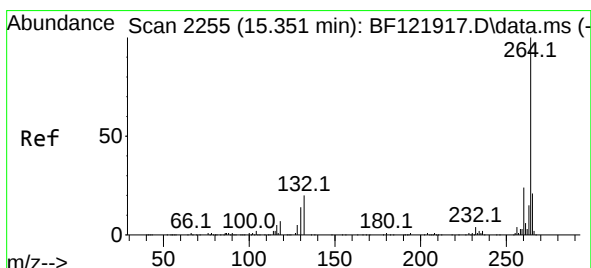
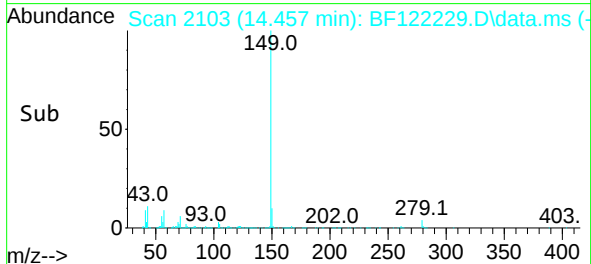
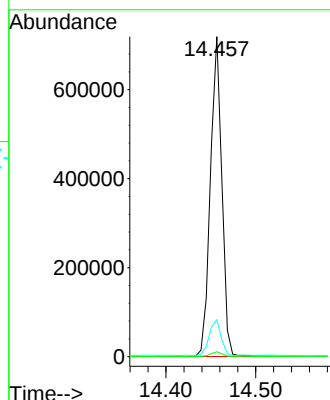
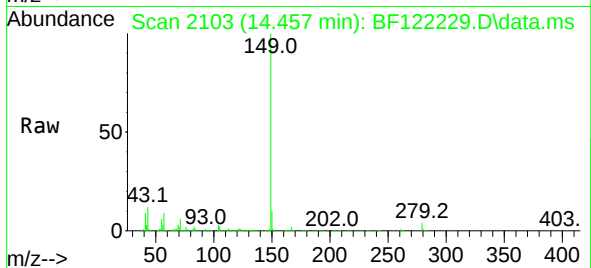




#85
Di-n-octyl phthalate
Concen: 44.84 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

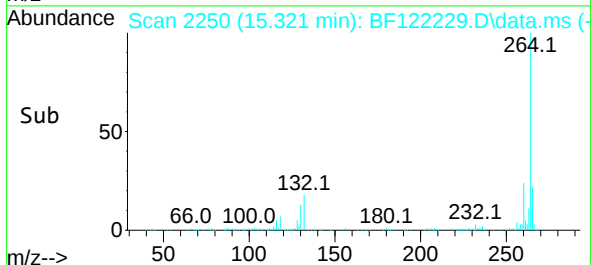
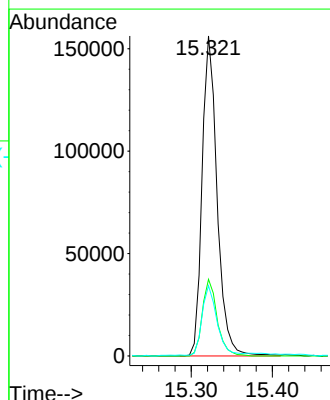
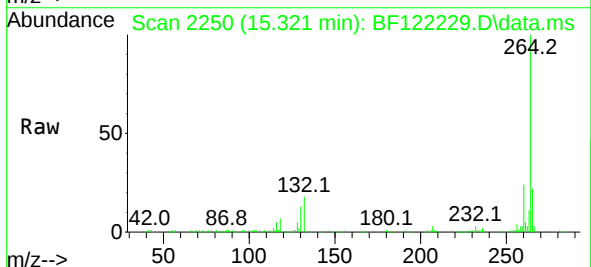
Instrument :
BNA_F
ClientSampleId :
124031MS

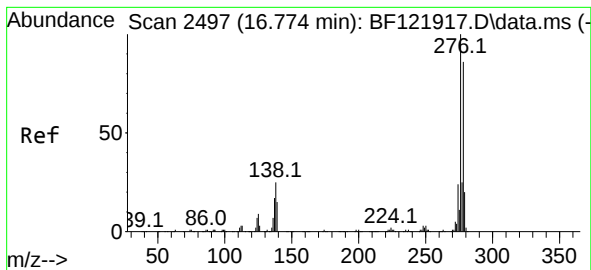
Tgt Ion:149 Resp: 636588
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:264 Resp: 200916
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.70 ng

RT: 16.745 min Scan# 2492

Delta R.T. 0.029 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

Tgt Ion:276 Resp: 674472

Ion Ratio Lower Upper

276 100

138 22.6 19.9 29.9

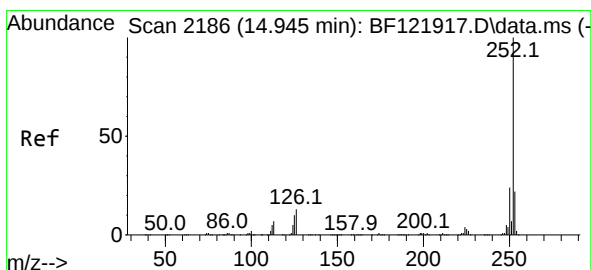
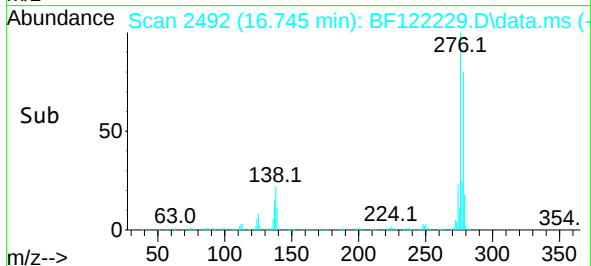
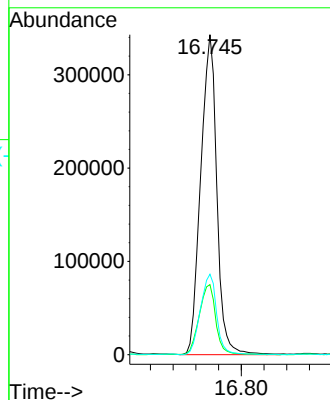
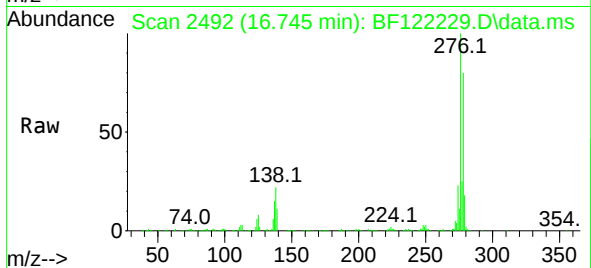
277 25.5 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

124031MS



#88

Benzo(b)fluoranthene

Concen: 51.95 ng

RT: 14.910 min Scan# 2180

Delta R.T. 0.012 min

Lab File: BF122229.D

Acq: 2 Nov 2020 16:54

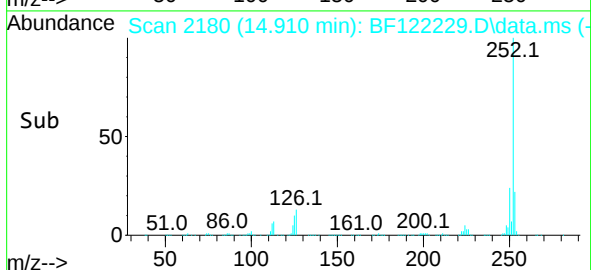
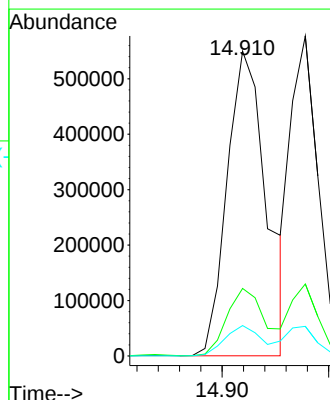
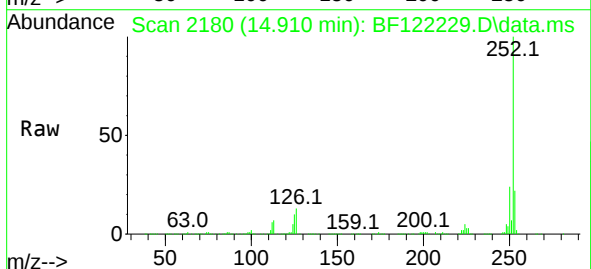
Tgt Ion:252 Resp: 705585

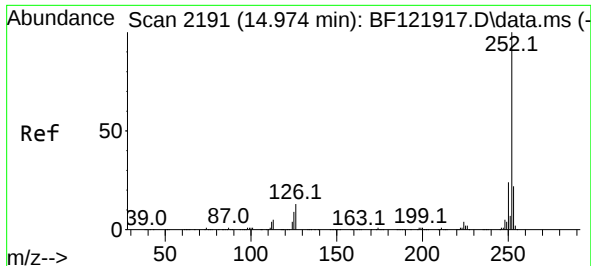
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 10.0 8.0 12.0

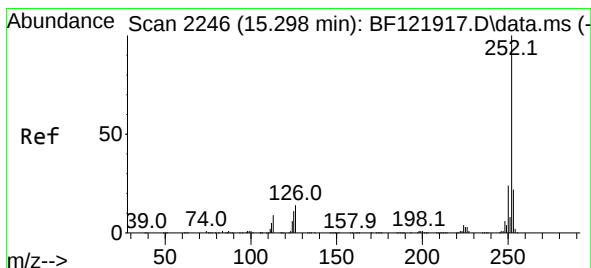
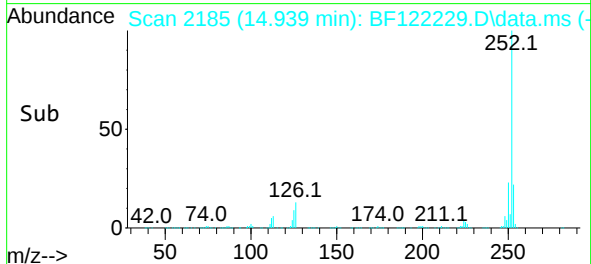
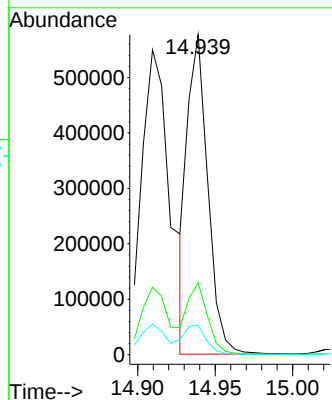
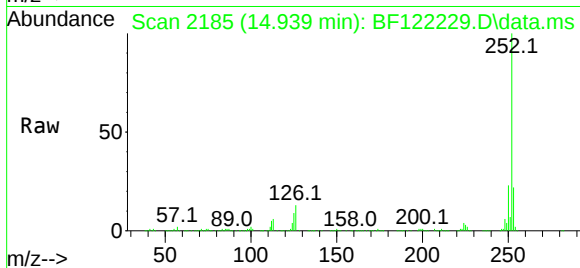




#89
Benzo(k)fluoranthene
Concen: 40.90 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

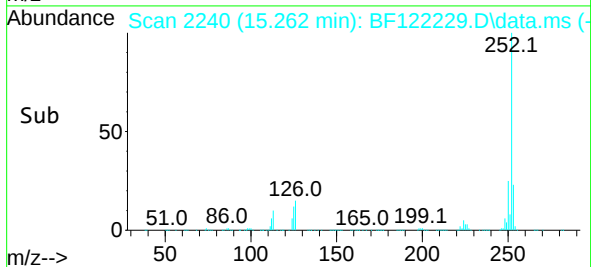
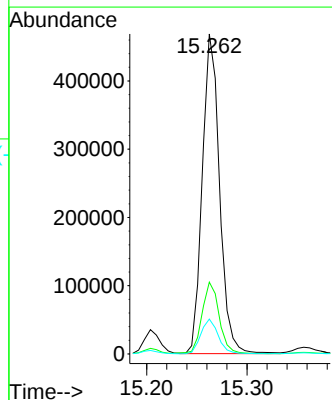
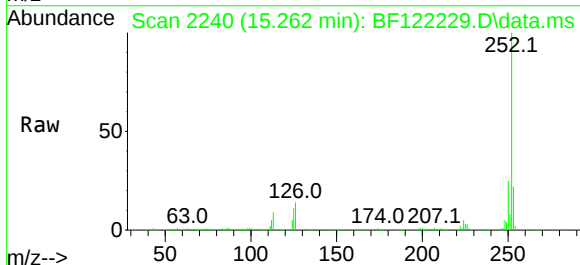
Instrument :
BNA_F
ClientSampleId :
124031MS

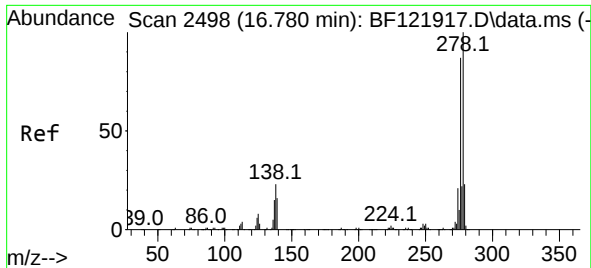
Tgt Ion:252 Resp: 527626
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.94 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:252 Resp: 562376
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.9 8.6 13.0

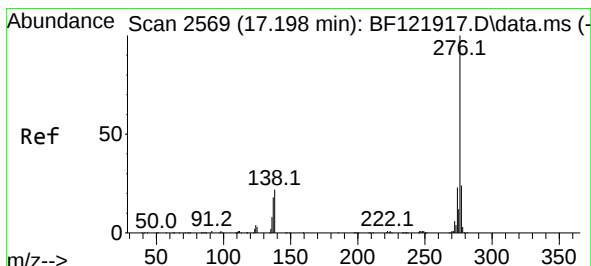
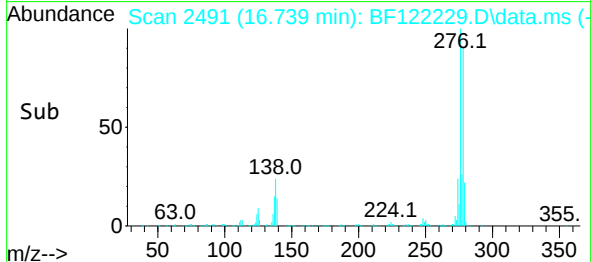
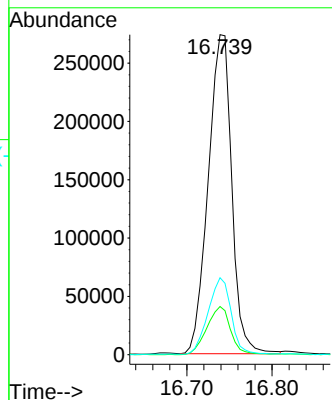
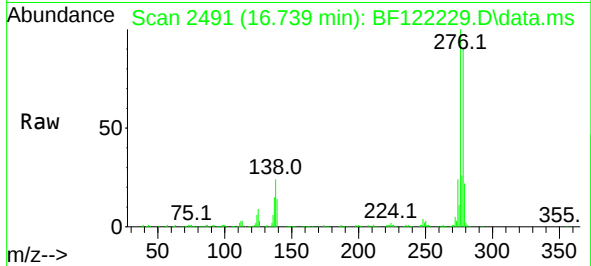




#91
Dibenzo(a,h)anthracene
Concen: 48.88 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Instrument :
BNA_F
ClientSampleId :
124031MS

Tgt Ion:278 Resp: 525051
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 54.53 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122229.D
Acq: 2 Nov 2020 16:54

Tgt Ion:276 Resp: 586145
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 19.1 17.8 26.6

