

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122241.D
 Acq On : 3 Nov 2020 15:31
 Operator : JU/CG
 Sample : L4609-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12016MS

Quant Time: Nov 04 01:03:06 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	82206	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	324320	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	165432	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	311904	20.00	ng	0.00
76) Chrysene-d12	13.886	240	201127	20.00	ng	0.00
86) Perylene-d12	15.321	264	201803	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	533015	95.70	ng	0.00
7) Phenol-d6	6.369	99	641992	89.54	ng	0.00
23) Nitrobenzene-d5	7.281	82	419662	66.36	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	187444	91.60	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	685170	60.94	ng	0.00
79) Terphenyl-d14	12.815	244	679385	64.37	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	88358	36.07	ng	99
3) Pyridine	3.157	79	236692	36.75	ng	99
4) n-Nitrosodimethylamine	3.116	42	125058	40.17	ng	94
6) Aniline	6.381	93	152274	17.25	ng	# 1
8) 2-Chlorophenol	6.504	128	234689	41.69	ng	99
9) Benzaldehyde	6.275	77	63671	12.47	ng	98
10) Phenol	6.386	94	304472	41.15	ng	99
11) bis(2-Chloroethyl)ether	6.445	93	231084	40.40	ng	99
12) 1,3-Dichlorobenzene	6.645	146	253223	39.99	ng	100
13) 1,4-Dichlorobenzene	6.722	146	257061	40.43	ng	99
14) 1,2-Dichlorobenzene	6.875	146	235092	40.45	ng	97
15) Benzyl Alcohol	6.875	79	199341	42.98	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.986	45	350341	39.80	ng	# 46
17) 2-Methylphenol	6.992	107	190349	39.55	ng	# 88
18) Hexachloroethane	7.210	117	95426	41.55	ng	98
19) n-Nitroso-di-n-propyla...	7.133	70	172610	42.28	ng	99
20) 3+4-Methylphenols	7.157	107	261202	45.00	ng	# 58
22) Acetophenone	7.128	105	328163	39.33	ng	# 90
24) Nitrobenzene	7.304	77	265609	39.29	ng	99
25) Isophorone	7.539	82	451172	37.73	ng	99
26) 2-Nitrophenol	7.622	139	121786	39.12	ng	96
27) 2,4-Dimethylphenol	7.669	122	203018	38.26	ng	99
28) bis(2-Chloroethoxy)met...	7.745	93	284323	38.00	ng	99
29) 2,4-Dichlorophenol	7.880	162	193962	39.03	ng	98
30) 1,2,4-Trichlorobenzene	7.933	180	200496	37.95	ng	99
31) Naphthalene	8.016	128	663110	38.17	ng	100
32) Benzoic acid	7.845	122	97033	34.56	ng	98
33) 4-Chloroaniline	8.086	127	95541	12.91	ng	96
34) Hexachlorobutadiene	8.122	225	120635	38.50	ng	99
35) Caprolactam	8.463	113	62920	39.87	ng	94
36) 4-Chloro-3-methylphenol	8.580	107	215084	40.30	ng	99
37) 2-Methylnaphthalene	8.704	142	430251	38.24	ng	98
38) 1-Methylnaphthalene	8.804	142	402543	38.63	ng	100
40) 1,2,4,5-Tetrachloroben...	8.875	216	208318	39.01	ng	99
41) Hexachlorocyclopentadiene	8.851	237	46390	41.59	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	127649	38.75	ng	99

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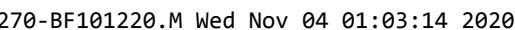
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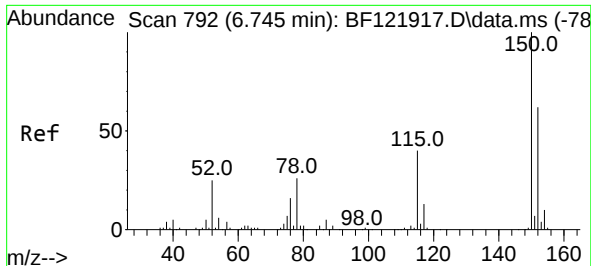
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 QLast Update : Fri Oct 30 10:16:54 2020
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	127847	35.93	ng	96
46) 1,1'-Biphenyl	9.169	154	521407	38.76	ng	99
47) 2-Chloronaphthalene	9.198	162	406289	38.84	ng	97
48) 2-Nitroaniline	9.310	65	145979	42.31	ng	94
49) Acenaphthylene	9.610	152	615569	38.31	ng	100
50) Dimethylphthalate	9.475	163	565980	46.79	ng	99
51) 2,6-Dinitrotoluene	9.551	165	103039	38.83	ng	94
52) Acenaphthene	9.780	154	374302	39.17	ng	98
53) 3-Nitroaniline	9.727	138	57365	19.01	ng	98
54) 2,4-Dinitrophenol	9.857	184	65468	51.78	ng	# 83
55) Dibenzofuran	9.951	168	552244	39.51	ng	94
56) 4-Nitrophenol	9.951	139	343544	209.26	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	143178	43.83	ng	96
58) Fluorene	10.298	166	454691	40.38	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	113211	41.13	ng	95
60) Diethylphthalate	10.169	149	473525	40.59	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	215406	39.89	ng	98
62) 4-Nitroaniline	10.345	138	98782	32.76	ng	87
63) Azobenzene	10.445	77	492471	39.92	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	62284	31.48	ng	96
66) n-Nitrosodiphenylamine	10.410	169	412895	38.43	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	140054	38.87	ng	99
68) Hexachlorobenzene	10.845	284	156616	38.40	ng	99
69) Atrazine	10.939	200	109603	41.72	ng	99
70) Pentachlorophenol	11.057	266	89437	58.18	ng	99
71) Phenanthrene	11.257	178	745961	43.62	ng	99
72) Anthracene	11.310	178	706524	39.83	ng	100
73) Carbazole	11.474	167	612220	38.82	ng	99
74) Di-n-butylphthalate	11.792	149	734948	40.50	ng	99
75) Fluoranthene	12.451	202	833261	45.44	ng	97
77) Benzidine	12.586	184	170860	27.56	ng	100
78) Pyrene	12.680	202	812459	53.01	ng	99
80) Butylbenzylphthalate	13.286	149	279833	46.04	ng	97
81) Benzo(a)anthracene	13.874	228	578204	43.87	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	99444	20.34	ng	98
83) Chrysene	13.910	228	554208	42.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	532128	64.49	ng	100
85) Di-n-octyl phthalate	14.457	149	560104	41.96	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	611387	46.66	ng	98
88) Benzo(b)fluoranthene	14.909	252	522000	38.27	ng	100
89) Benzo(k)fluoranthene	14.939	252	517591	39.94	ng	99
90) Benzo(a)pyrene	15.262	252	489799	41.57	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	489372	45.36	ng	98
92) Benzo(g,h,i)perylene	17.168	276	529923	49.08	ng	97

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

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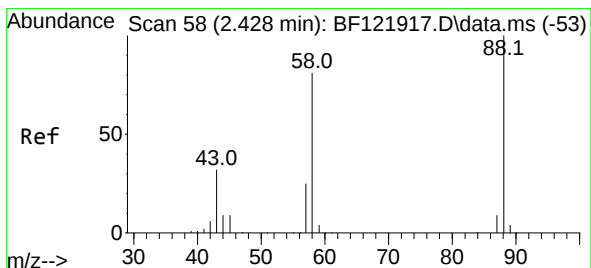
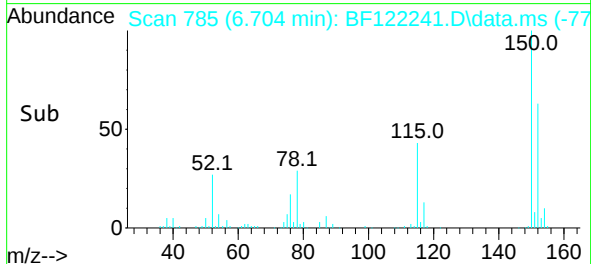
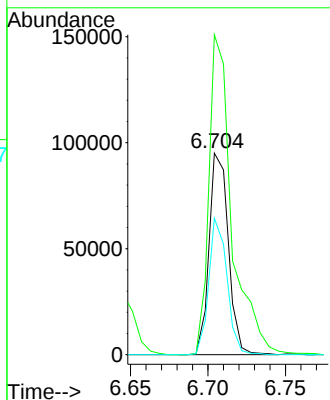
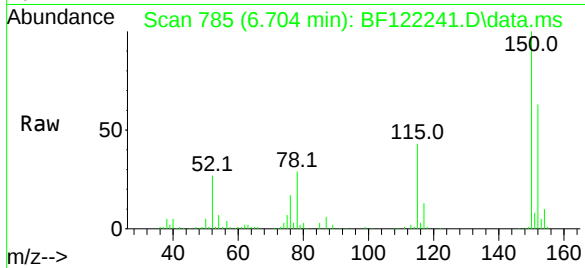




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.704 min Scan# 785
 Delta R.T. -0.012 min
 Lab File: BF122241.D
 Acq: 3 Nov 2020 15:31

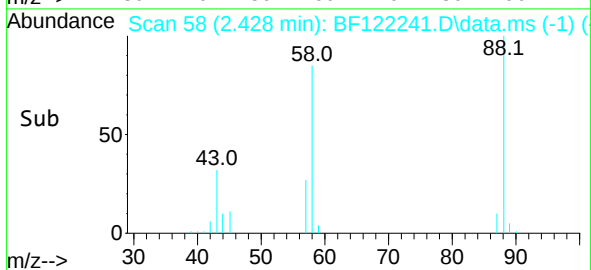
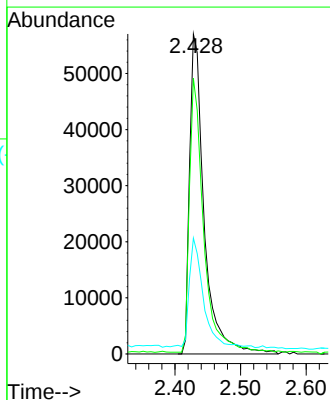
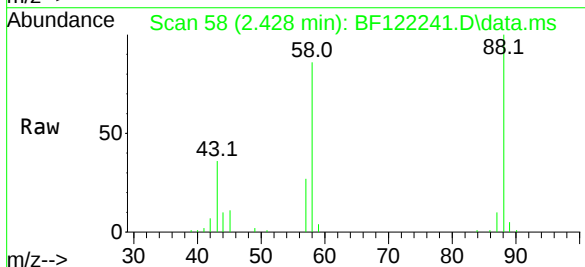
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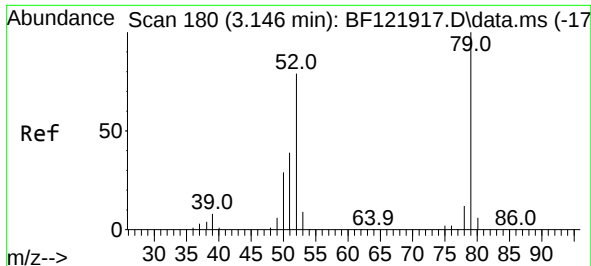
Tgt Ion:152 Resp: 82206
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.3 187.9
 115 67.7 51.9 77.9



#2
 1,4-Dioxane
 Concen: 36.07 ng
 RT: 2.428 min Scan# 58
 Delta R.T. 0.065 min
 Lab File: BF122241.D
 Acq: 3 Nov 2020 15:31

Tgt Ion: 88 Resp: 88358
 Ion Ratio Lower Upper
 88 100
 58 83.2 65.8 98.8
 43 33.1 25.8 38.8

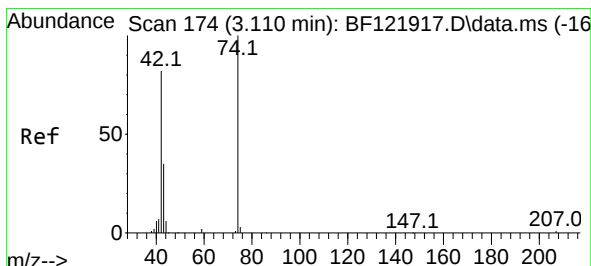
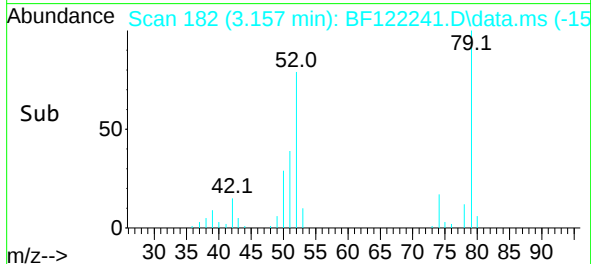
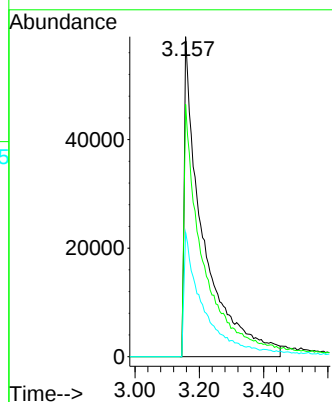
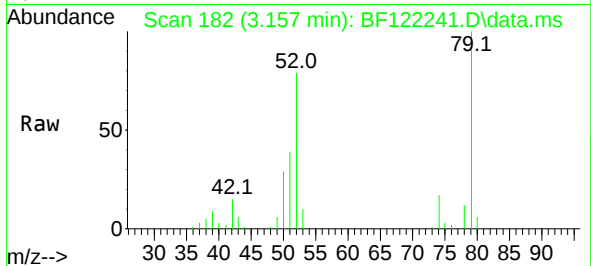




#3
Pyridine
Concen: 36.75 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.076 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

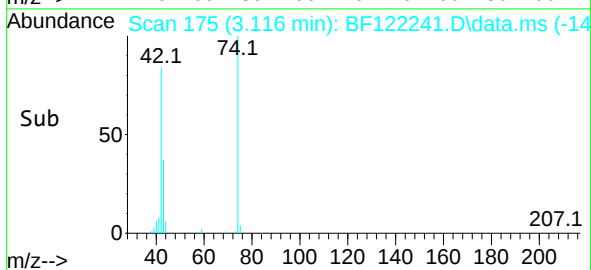
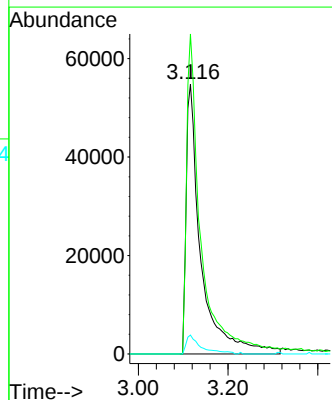
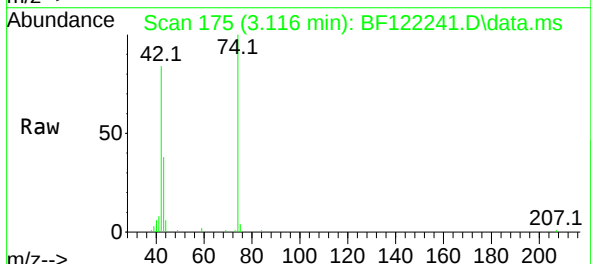
Instrument :
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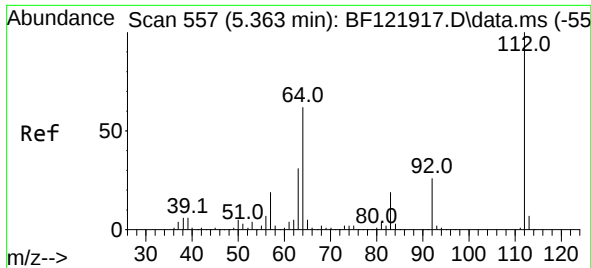
Tgt Ion: 79 Resp: 236692
Ion Ratio Lower Upper
79 100
52 78.9 62.2 93.4
51 38.7 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 40.17 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.070 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 42 Resp: 125058
Ion Ratio Lower Upper
42 100
74 118.6 100.2 150.2
44 7.0 5.8 8.6

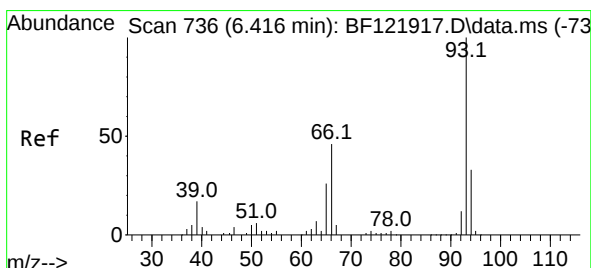
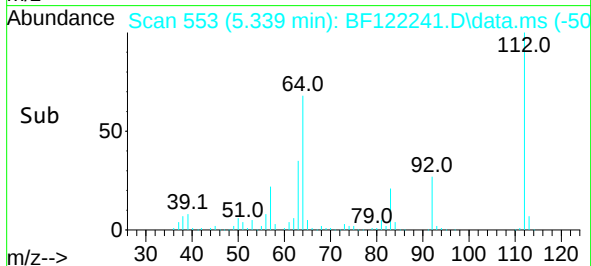
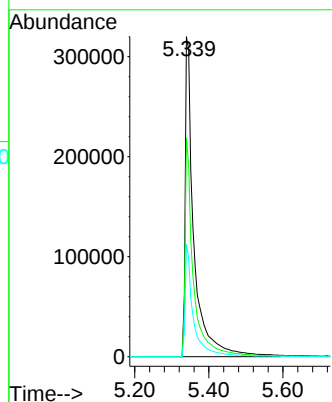
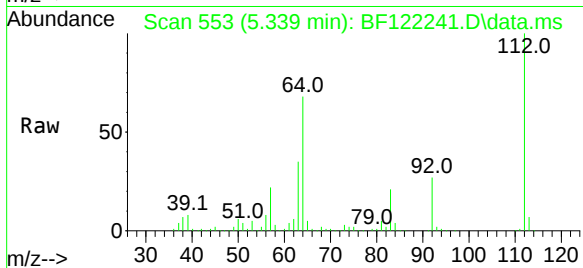




#5
2-Fluorophenol
Concen: 95.70 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

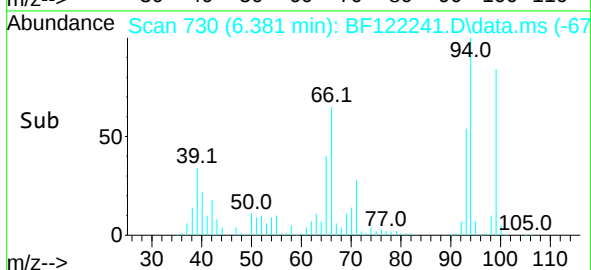
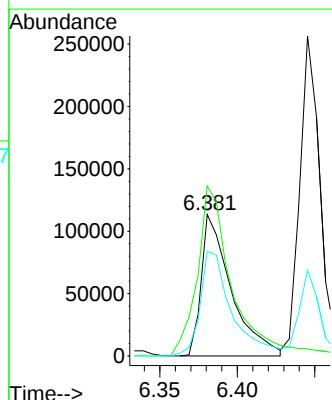
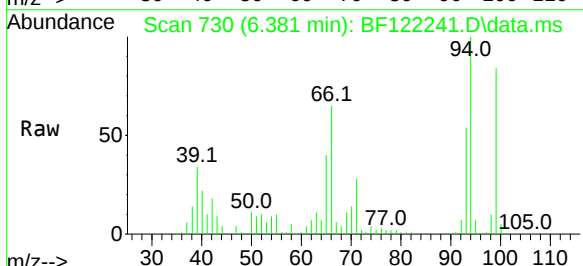
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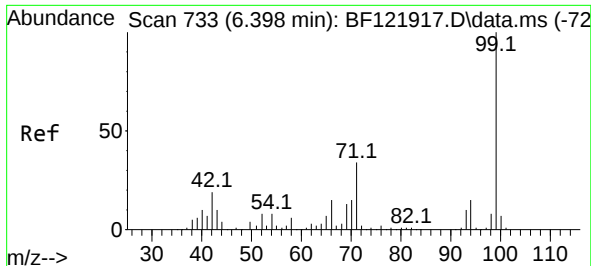
Tgt Ion:112 Resp: 533015
Ion Ratio Lower Upper
112 100
64 68.2 50.4 75.6
63 35.1 25.8 38.6



#6
Aniline
Concen: 17.25 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 93 Resp: 152274
Ion Ratio Lower Upper
93 100
66 120.2 32.7 49.1#
65 74.0 16.6 24.8#

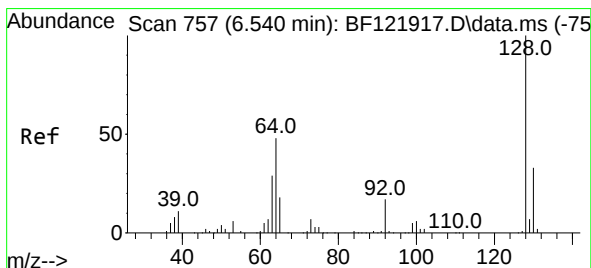
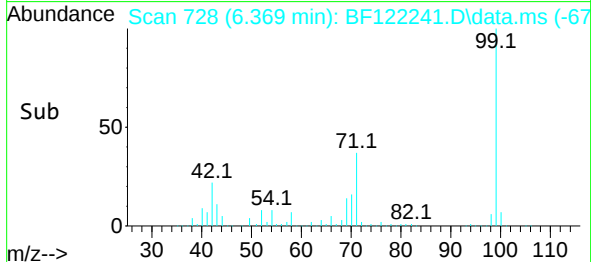
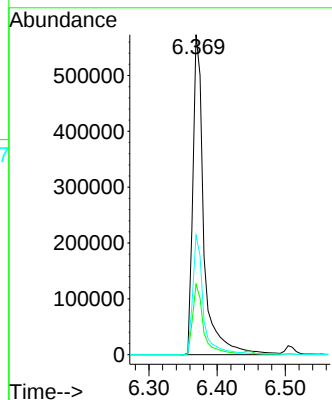
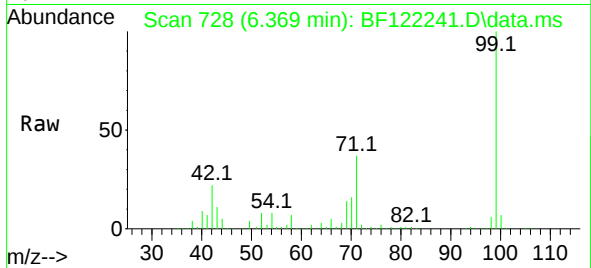




#7
Phenol-d6
Concen: 89.54 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

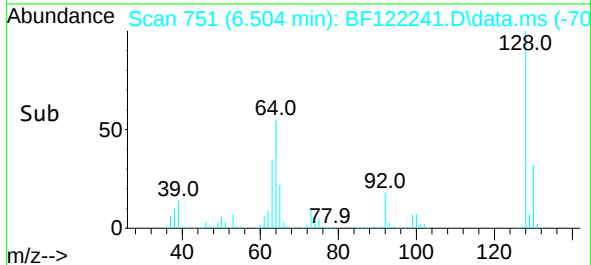
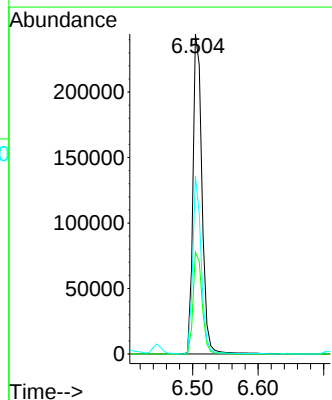
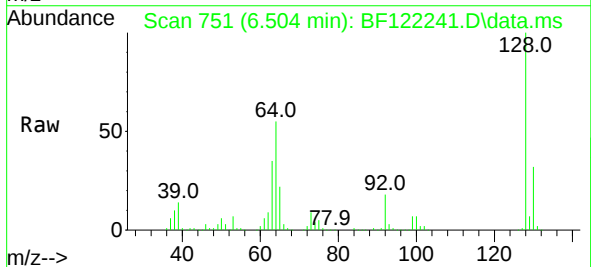
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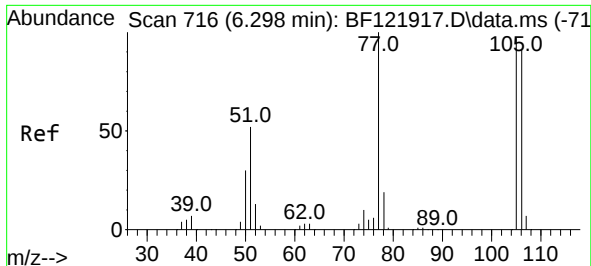
Tgt Ion: 99 Resp: 641992
Ion Ratio Lower Upper
99 100
42 22.0 15.9 23.9
71 37.4 27.1 40.7



#8
2-Chlorophenol
Concen: 41.69 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 128 Resp: 234689
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 55.4 34.8 74.8

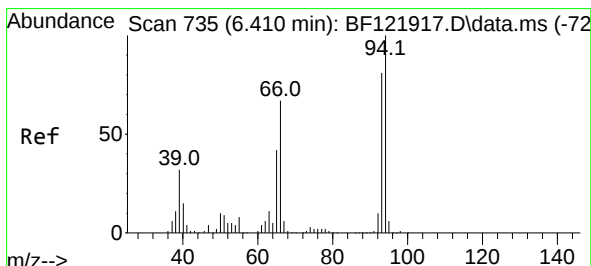
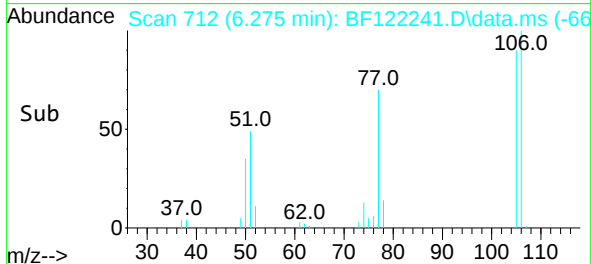
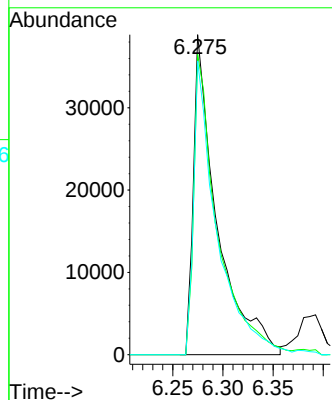
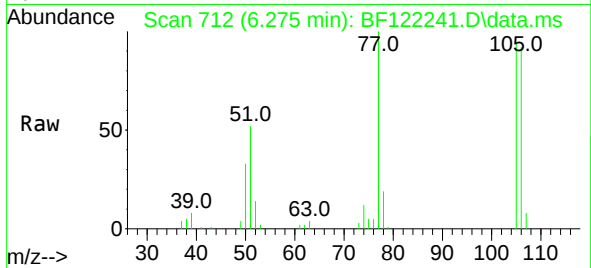




#9
Benzaldehyde
Concen: 12.47 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

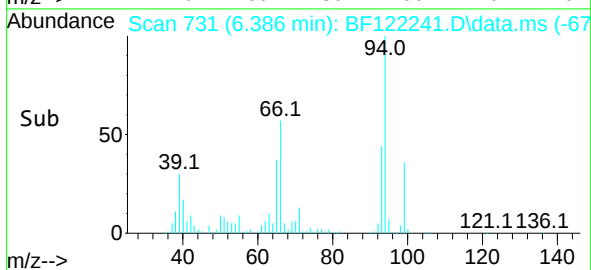
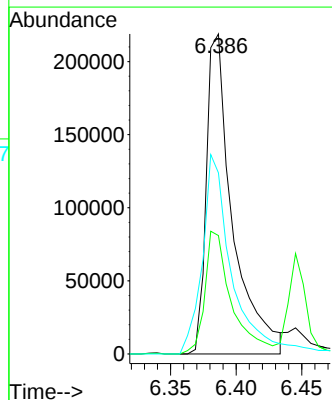
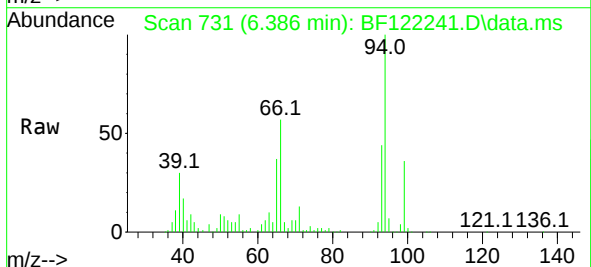
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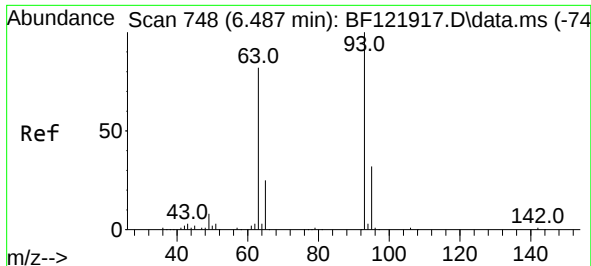
Tgt Ion: 77 Resp: 63671
Ion Ratio Lower Upper
77 100
105 93.9 76.7 116.7
106 91.8 71.3 111.3



#10
Phenol
Concen: 41.15 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 94 Resp: 304472
Ion Ratio Lower Upper
94 100
65 37.0 17.1 57.1
66 56.6 36.0 76.0

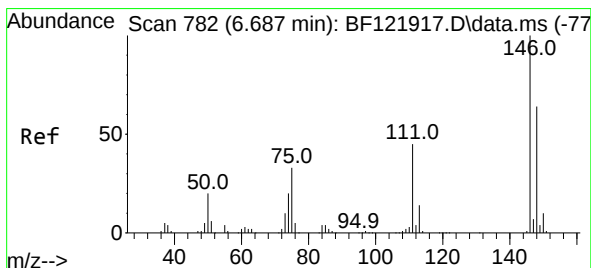
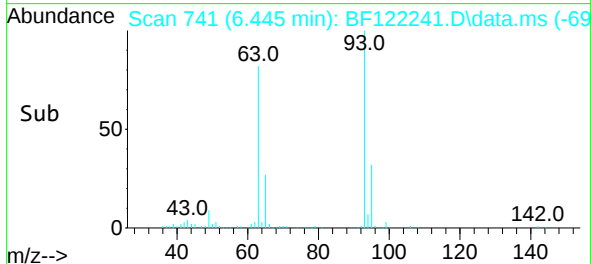
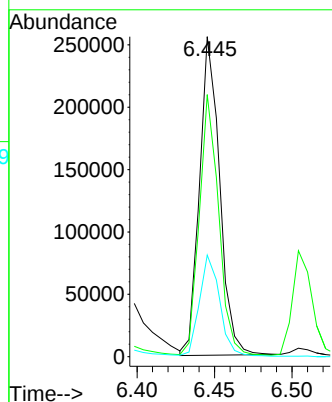
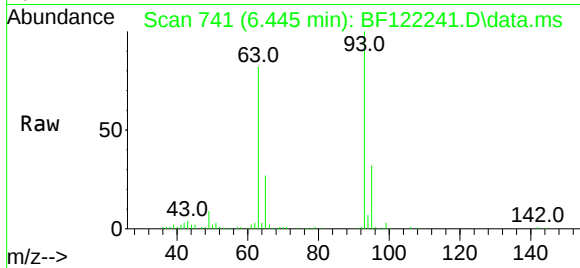




#11
bis(2-Chloroethyl)ether
Concen: 40.40 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

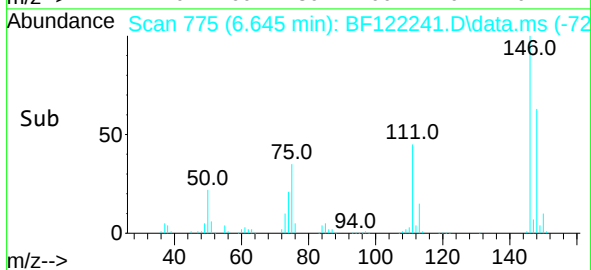
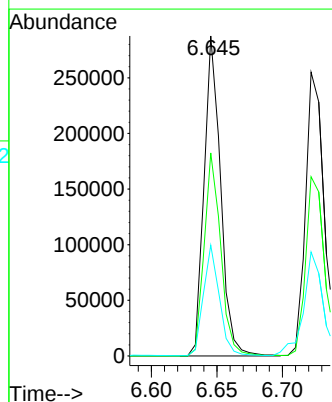
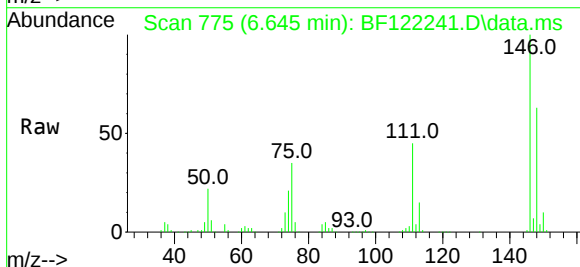
Instrument :
BNA_F
ClientSampleId :
12016MS

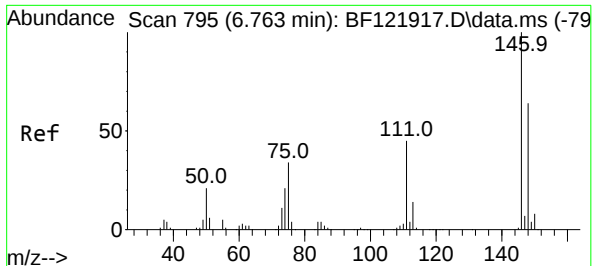
Tgt Ion: 93 Resp: 231084
Ion Ratio Lower Upper
93 100
63 81.9 62.4 102.4
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.99 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:146 Resp: 253223
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 34.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.43 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

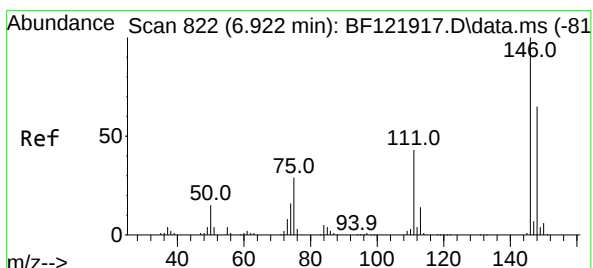
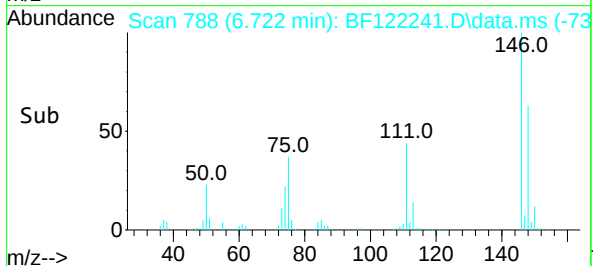
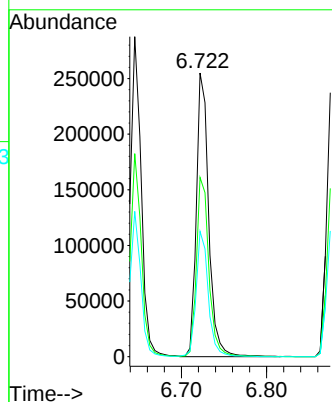
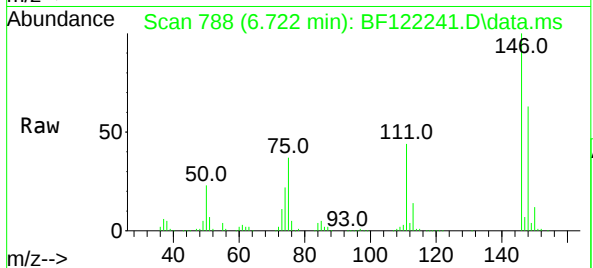
Tgt Ion:146 Resp: 257061

Ion Ratio Lower Upper

146 100

148 63.2 50.1 75.1

111 44.1 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 40.45 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

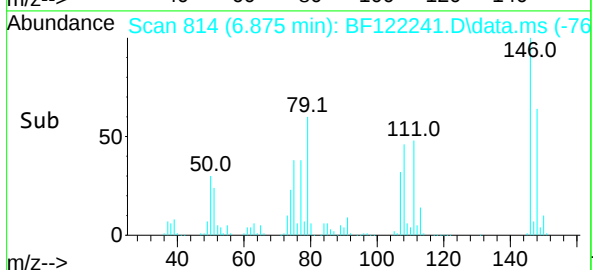
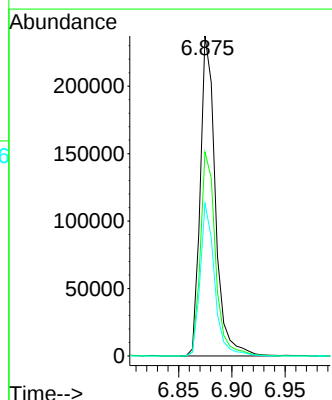
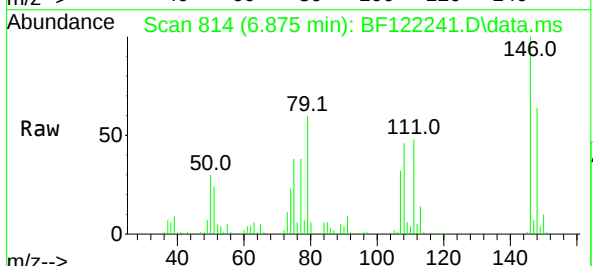
Tgt Ion:146 Resp: 235092

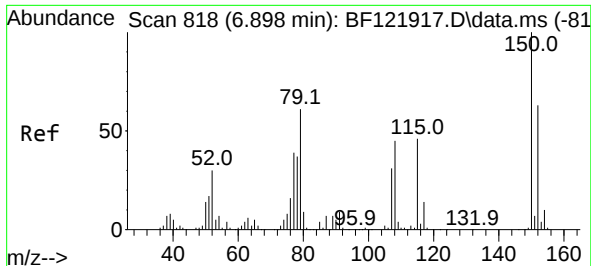
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 47.7 34.2 51.4

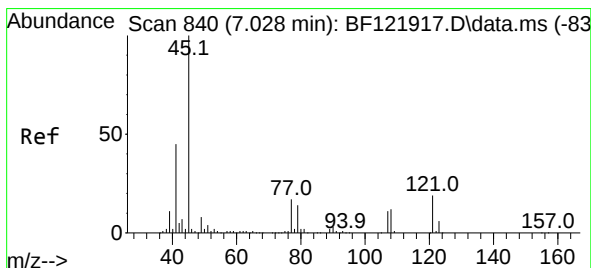
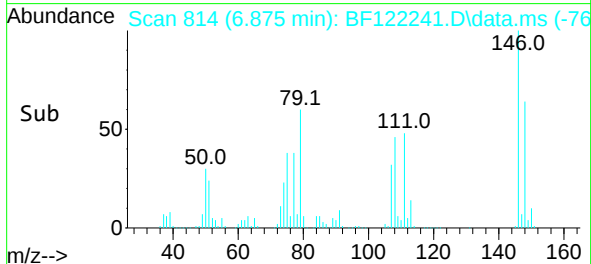
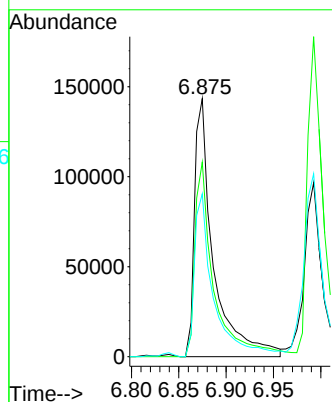
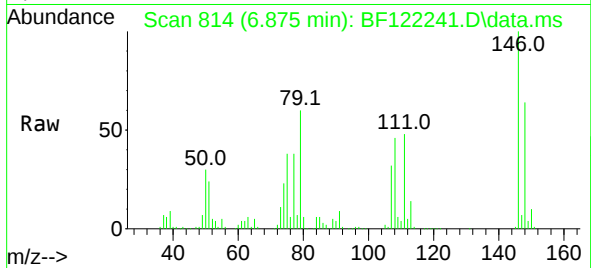




#15
Benzyl Alcohol
Concen: 42.98 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

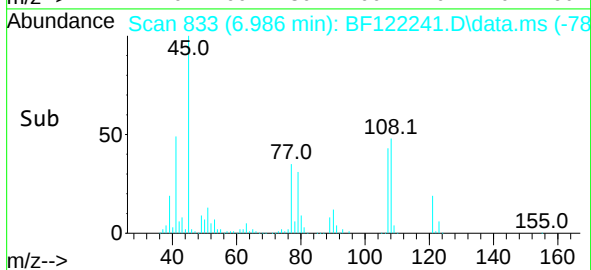
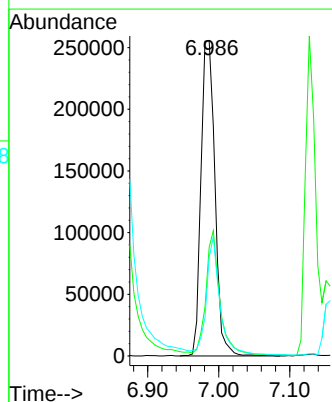
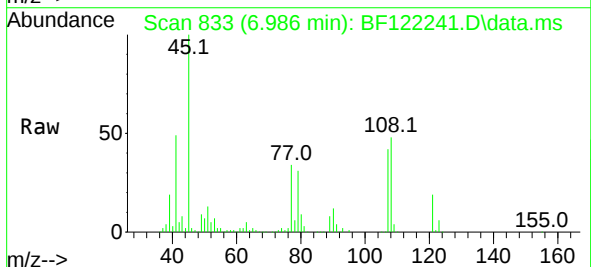
Instrument :
BNA_F
ClientSampleId :
12016MS

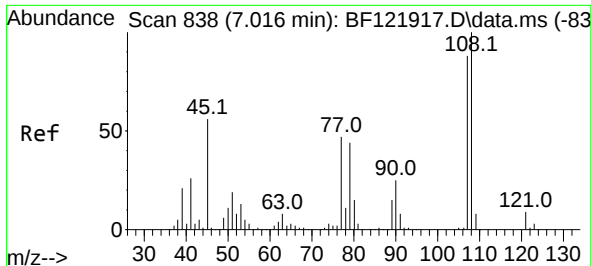
Tgt Ion: 79 Resp: 199341
Ion Ratio Lower Upper
79 100
108 75.4 62.3 93.5
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.80 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 45 Resp: 350341
Ion Ratio Lower Upper
45 100
77 34.4 0.0 33.3#
79 31.3 0.0 30.4#

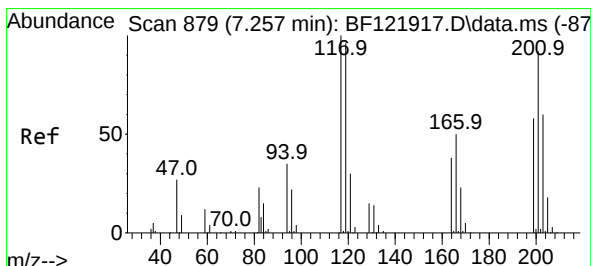
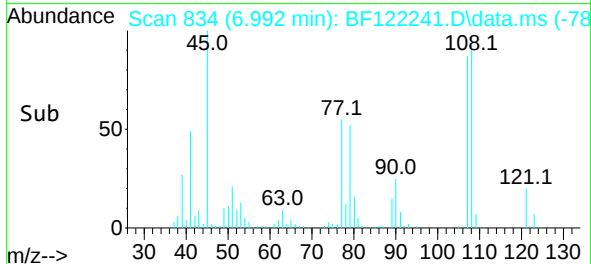
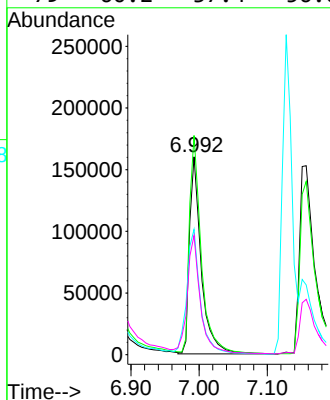
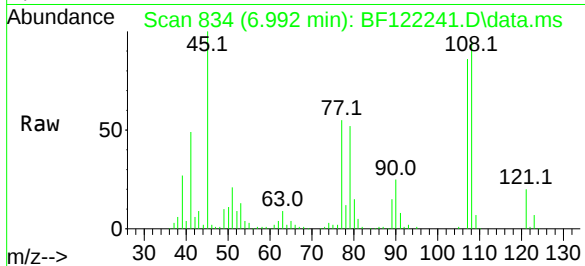




#17
2-Methylphenol
Concen: 39.55 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

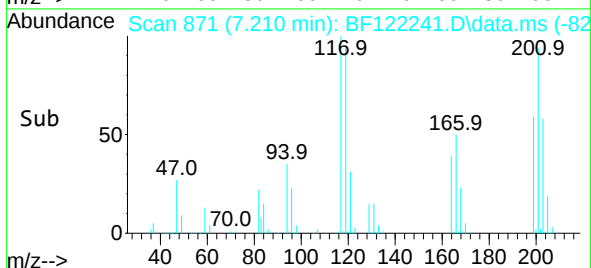
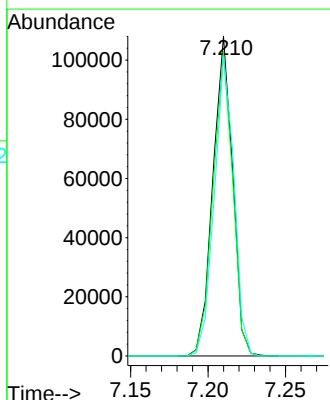
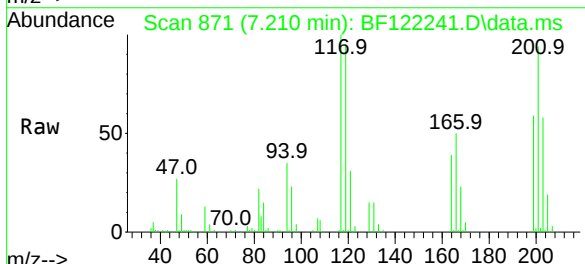
Instrument :
BNA_F
ClientSampleId :
12016MS

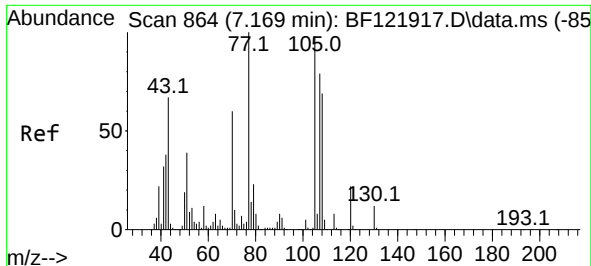
Tgt Ion:107 Resp: 190349
Ion Ratio Lower Upper
107 100
108 110.8 90.9 136.3
77 63.3 37.5 56.3#
79 60.2 37.4 56.0#



#18
Hexachloroethane
Concen: 41.55 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

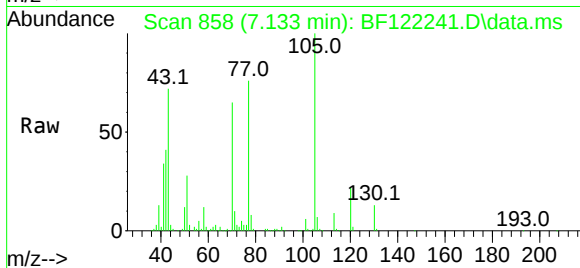
Tgt Ion:117 Resp: 95426
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5
201 93.6 71.8 107.6



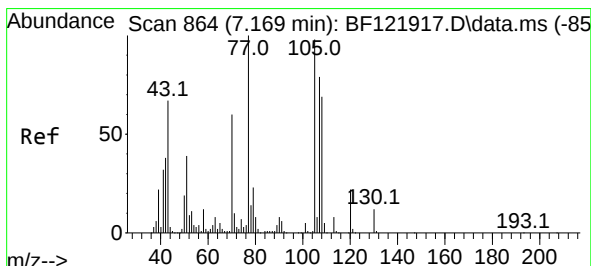
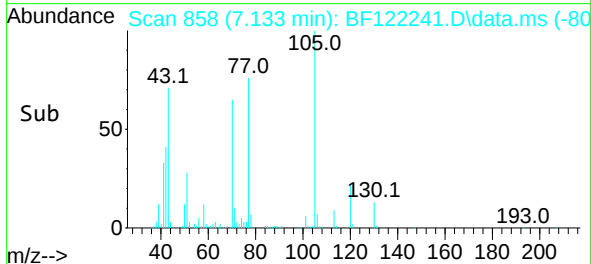
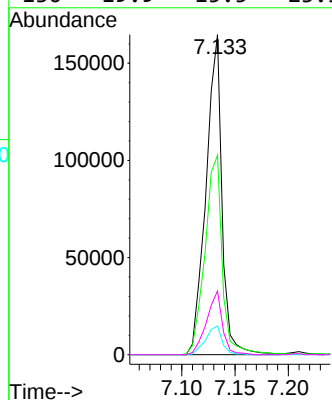


#19
n-Nitroso-di-n-propylamine
Concen: 42.28 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

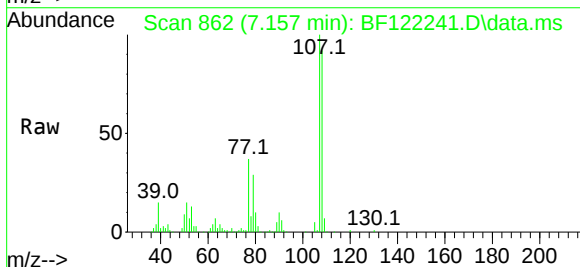
Instrument :
BNA_F
ClientSampleId :
12016MS



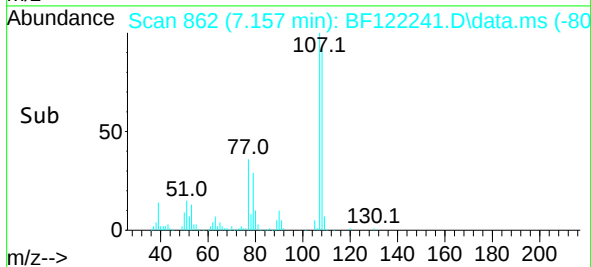
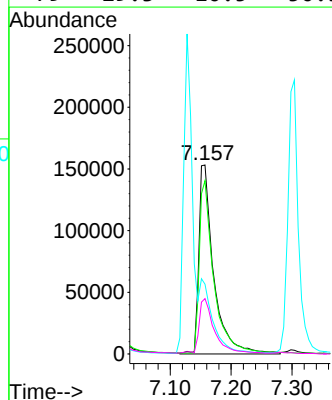
Tgt Ion: 70 Resp: 172610
Ion Ratio Lower Upper
70 100
42 62.3 50.2 75.4
101 9.0 7.5 11.3
130 19.9 15.5 23.3

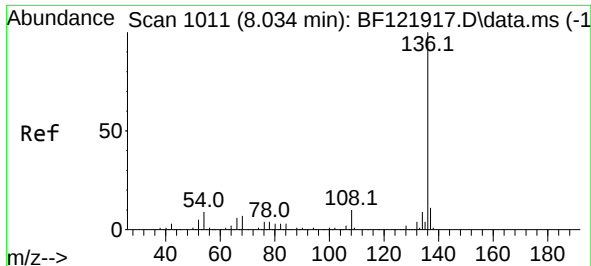


#20
3+4-Methylphenols
Concen: 45.00 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31



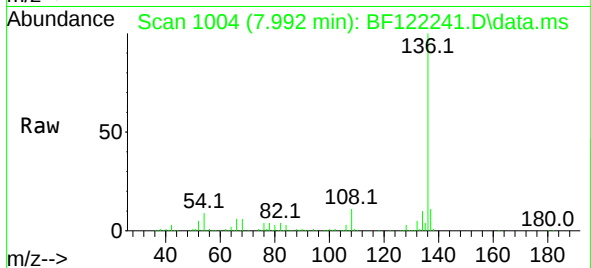
Tgt Ion: 107 Resp: 261202
Ion Ratio Lower Upper
107 100
108 91.7 68.9 108.9
77 36.9 108.0 148.0#
79 29.3 10.5 50.5



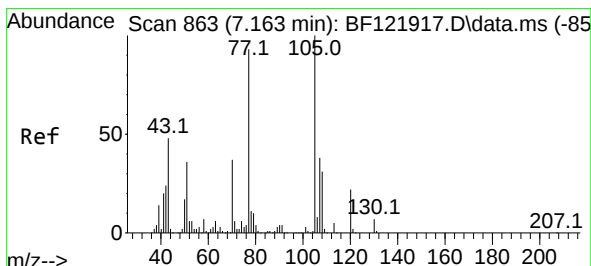
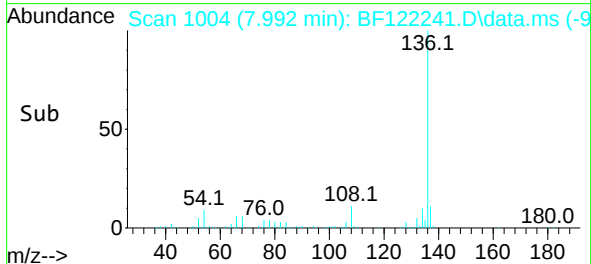
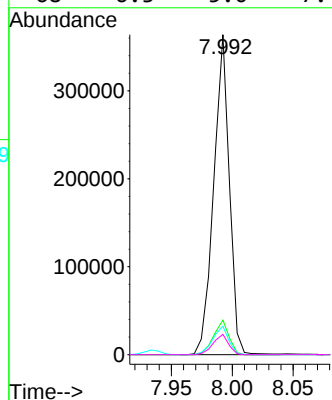


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
12016MS

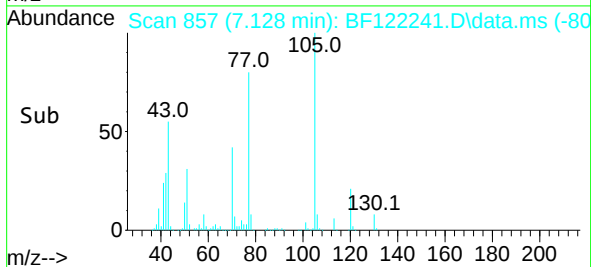
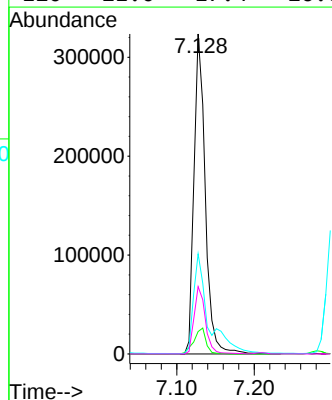
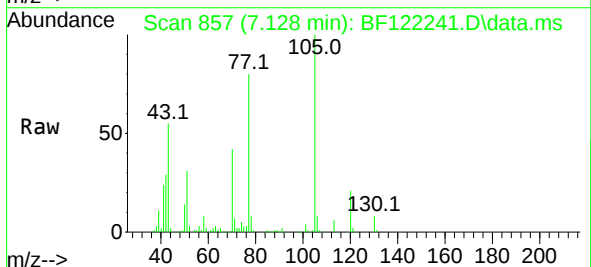


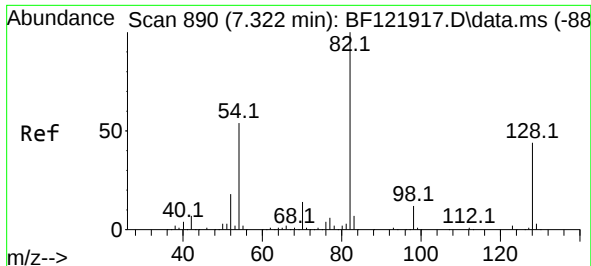
Tgt Ion:136 Resp: 324320
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.1 10.7
68 6.3 5.0 7.4



#22
Acetophenone
Concen: 39.33 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:105 Resp: 328163
Ion Ratio Lower Upper
105 100
71 7.0 5.3 7.9
51 31.3 33.2 49.8#
120 21.0 17.4 26.0

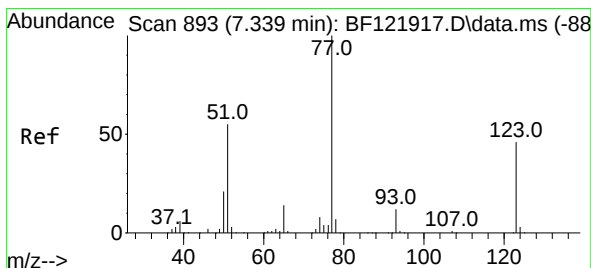
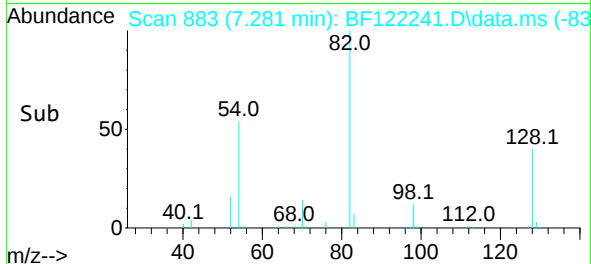
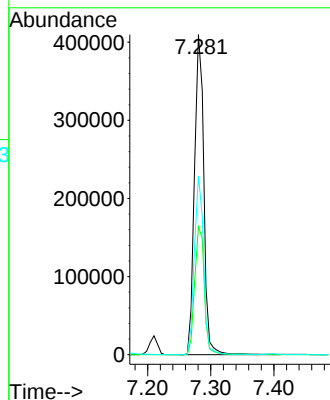
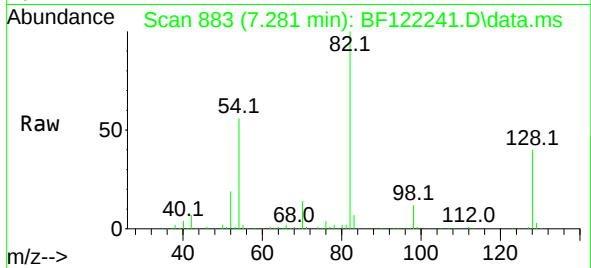




#23
Nitrobenzene-d5
Concen: 66.36 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

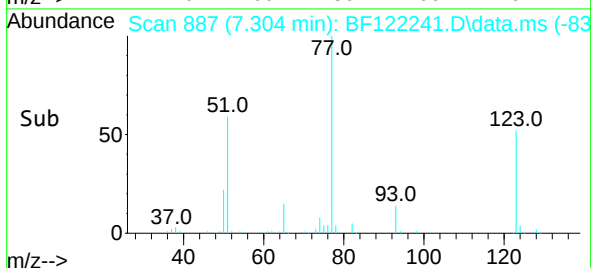
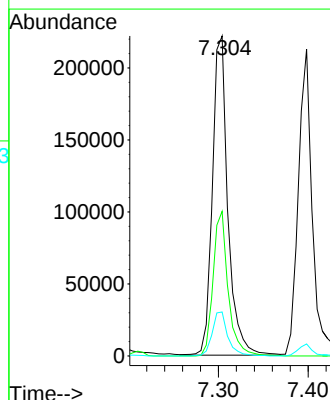
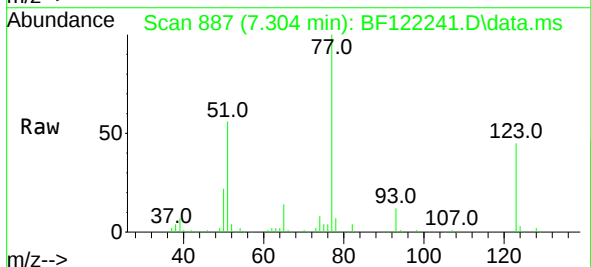
Instrument :
BNA_F
ClientSampleId :
12016MS

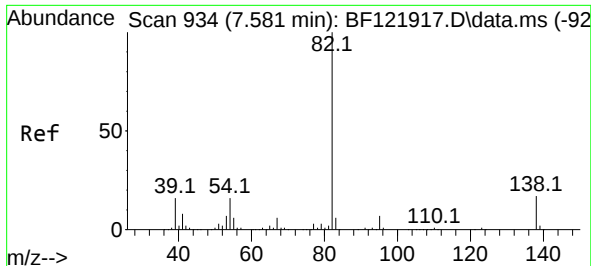
Tgt Ion: 82 Resp: 419662
Ion Ratio Lower Upper
82 100
128 39.9 35.0 52.4
54 55.8 43.9 65.9



#24
Nitrobenzene
Concen: 39.29 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion: 77 Resp: 265609
Ion Ratio Lower Upper
77 100
123 45.2 35.6 53.4
65 13.7 11.2 16.8

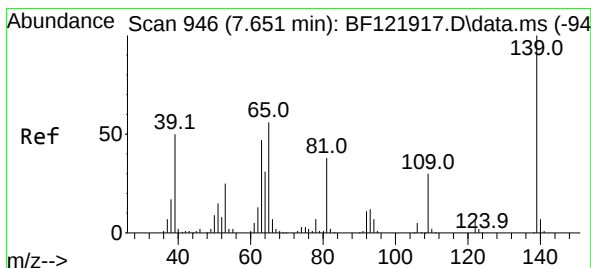
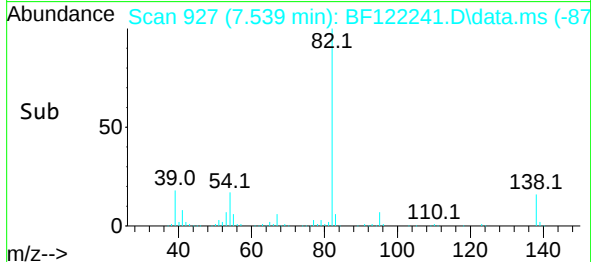
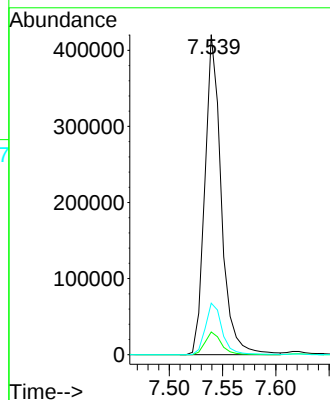
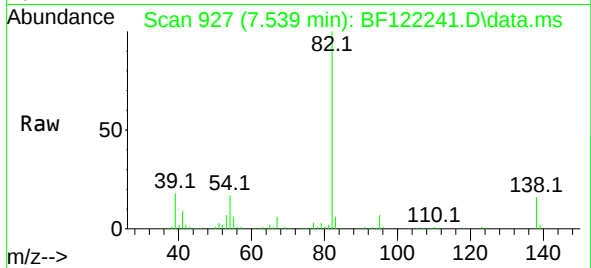




#25
Isophorone
Concen: 37.73 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

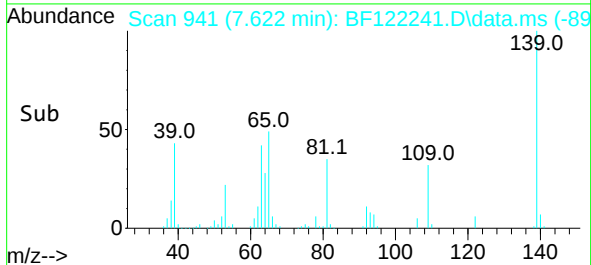
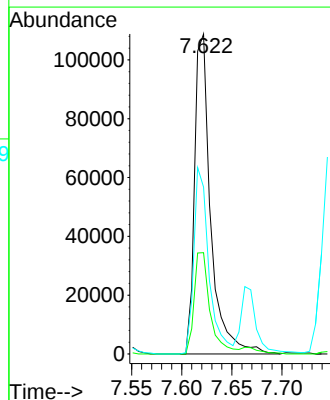
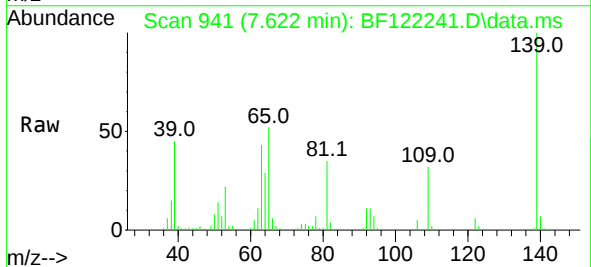
Instrument :
BNA_F
ClientSampleId :
12016MS

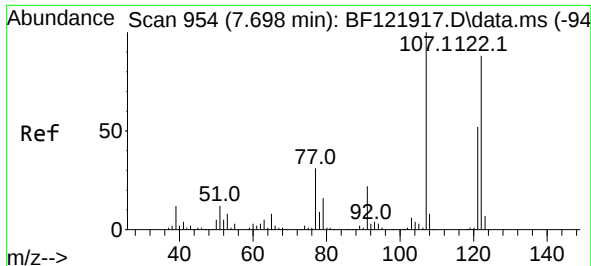
Tgt Ion: 82 Resp: 451172
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 16.1 13.4 20.0



#26
2-Nitrophenol
Concen: 39.12 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:139 Resp: 121786
Ion Ratio Lower Upper
139 100
109 31.7 23.0 34.4
65 52.2 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 38.26 ng

RT: 7.669 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

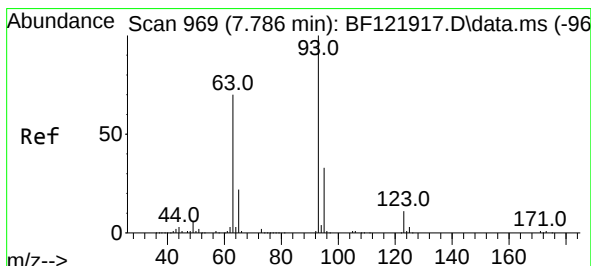
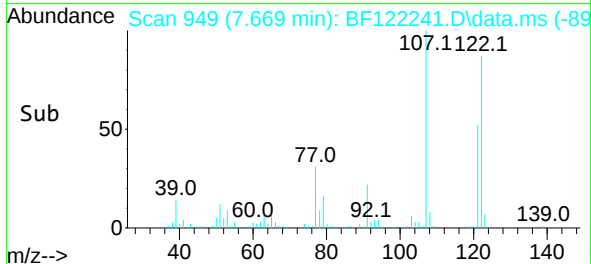
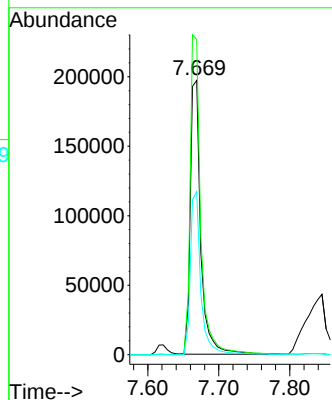
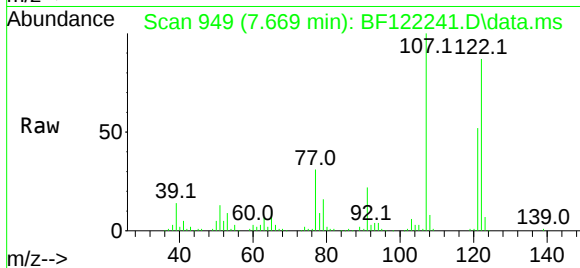
Tgt Ion:122 Resp: 203018

Ion Ratio Lower Upper

122 100

107 114.9 90.8 136.2

121 59.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.00 ng

RT: 7.745 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

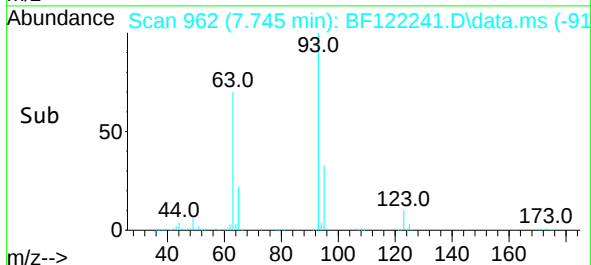
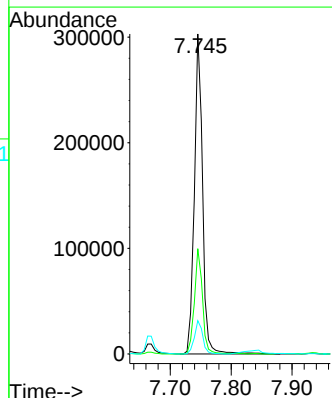
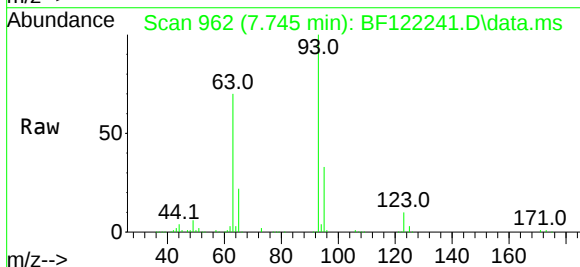
Tgt Ion: 93 Resp: 284323

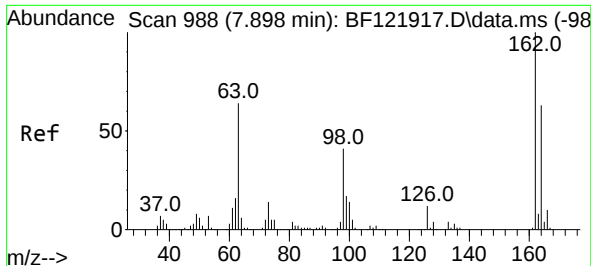
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 10.4 8.8 13.2

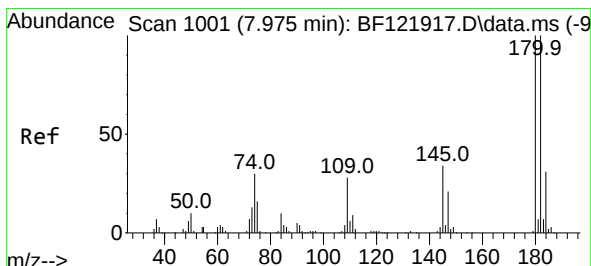
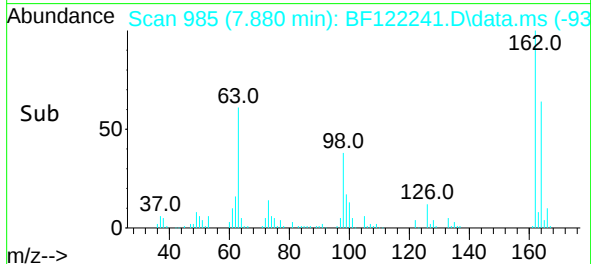
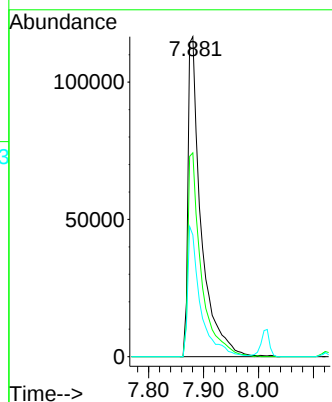
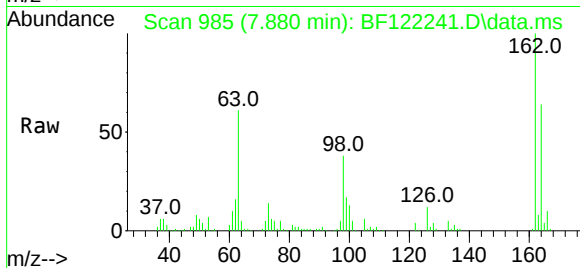




#29
2,4-Dichlorophenol
Concen: 39.03 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

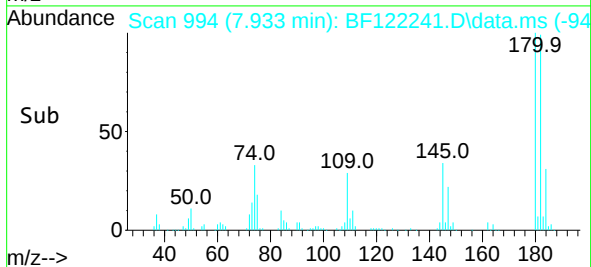
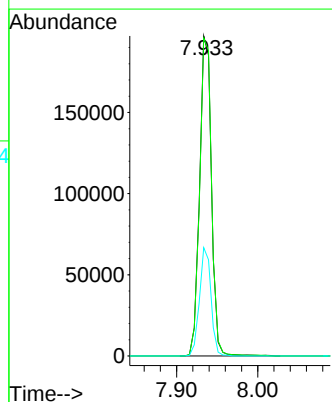
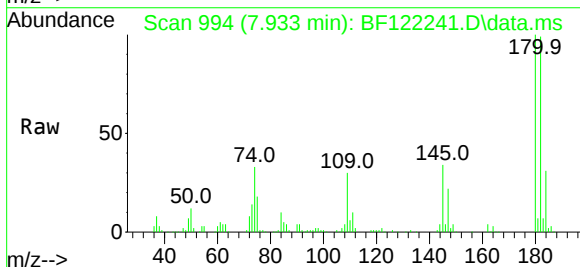
Instrument :
BNA_F
ClientSampleId :
12016MS

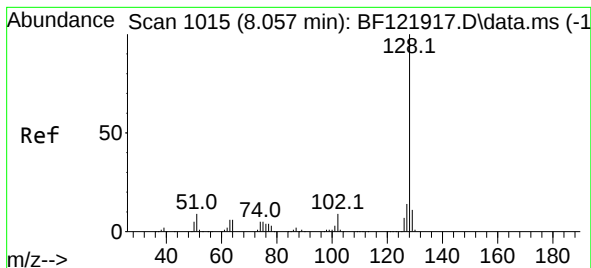
Tgt Ion:162 Resp: 193962
Ion Ratio Lower Upper
162 100
164 63.7 42.5 82.5
98 38.1 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 37.95 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:180 Resp: 200496
Ion Ratio Lower Upper
180 100
182 99.4 79.4 119.2
145 33.9 25.5 38.3

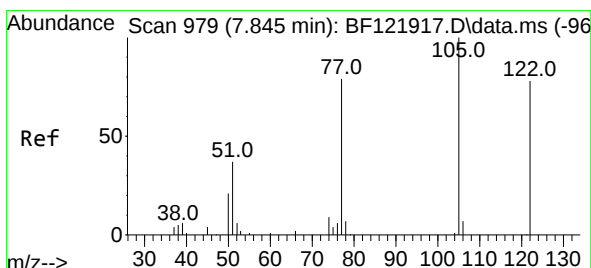
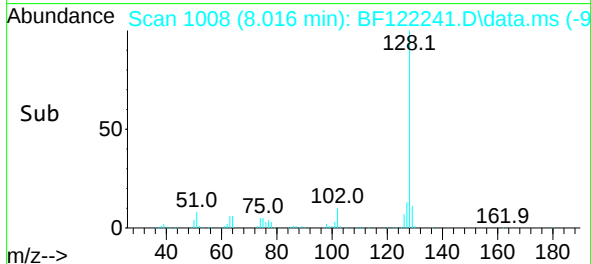
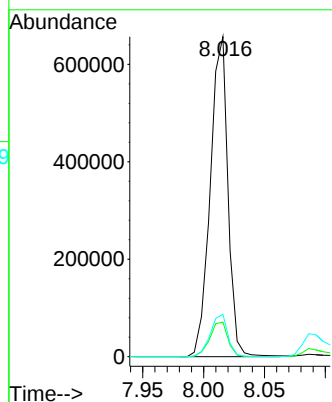
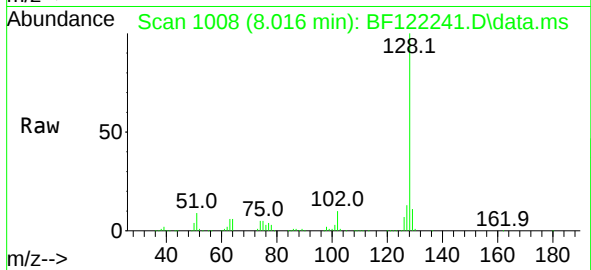




#31
Naphthalene
Concen: 38.17 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

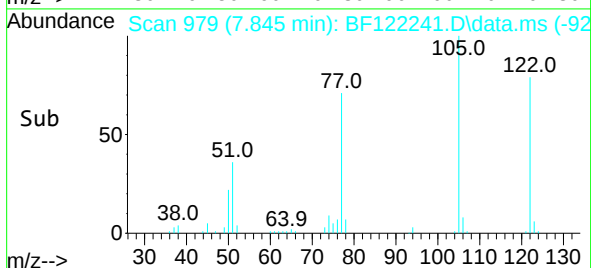
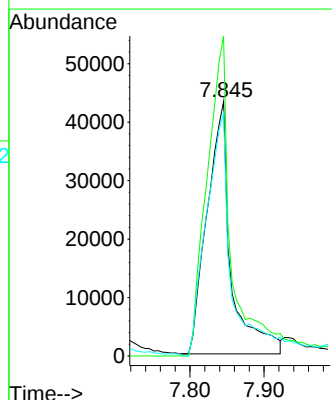
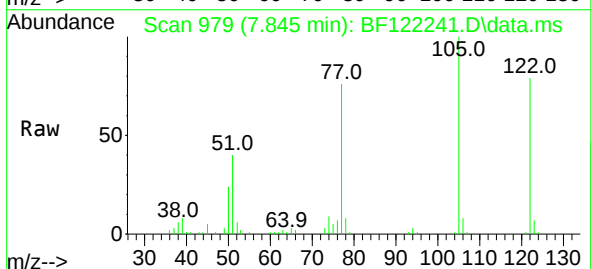
Instrument :
BNA_F
ClientSampleId :
12016MS

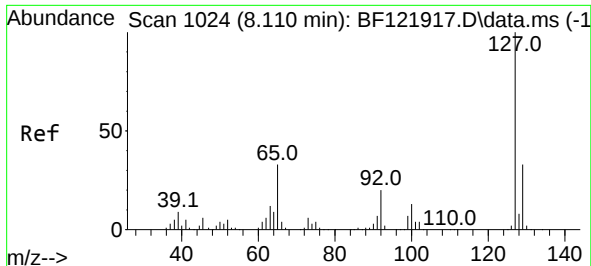
Tgt Ion:128 Resp: 663110
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 34.56 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:122 Resp: 97033
Ion Ratio Lower Upper
122 100
105 125.8 103.3 143.3
77 95.6 73.9 113.9

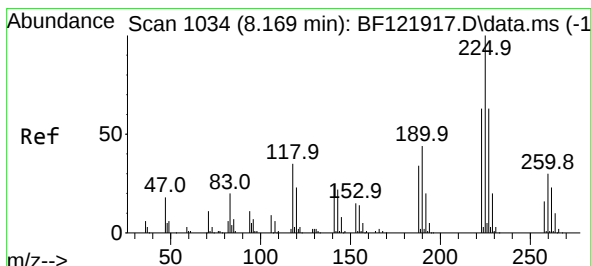
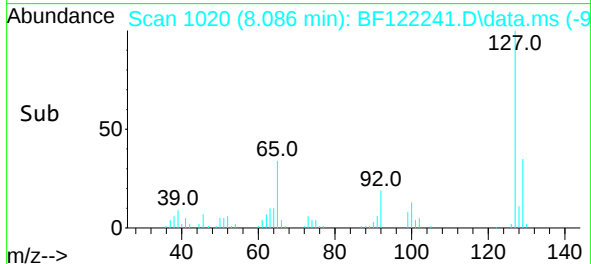
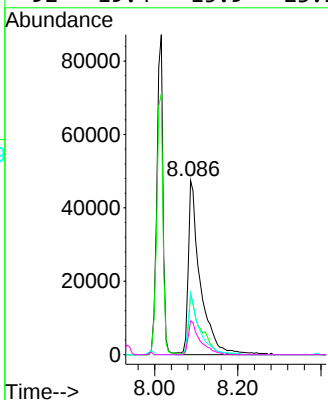
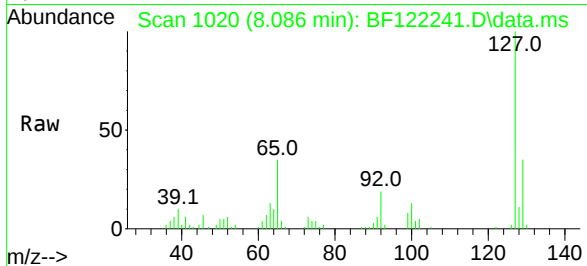




#33
4-Chloroaniline
Concen: 12.91 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

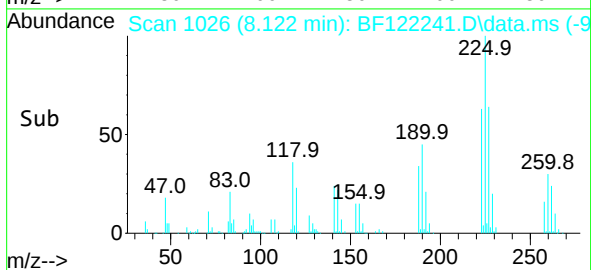
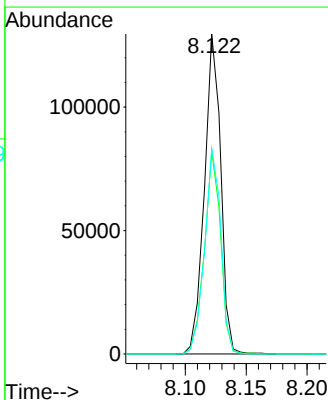
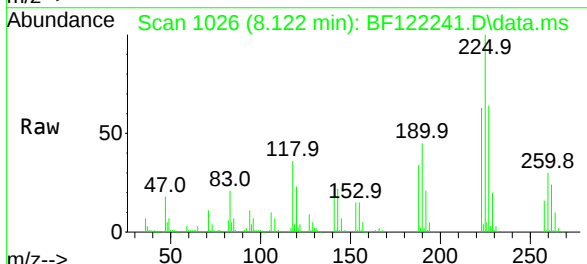
Instrument :
BNA_F
ClientSampleId :
12016MS

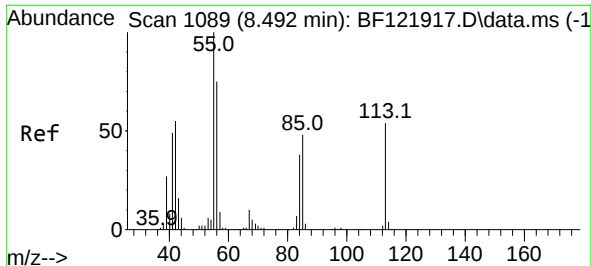
Tgt Ion:127	Resp:	95541
Ion Ratio	Lower	Upper
127	100	
129	35.2	26.3 39.5
65	35.2	26.2 39.2
92	19.4	15.9 23.9



#34
Hexachlorobutadiene
Concen: 38.50 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:225	Resp:	120635
Ion Ratio	Lower	Upper
225	100	
223	63.3	51.1 76.7
227	64.2	51.0 76.6

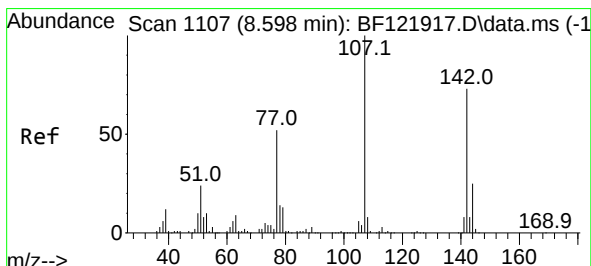
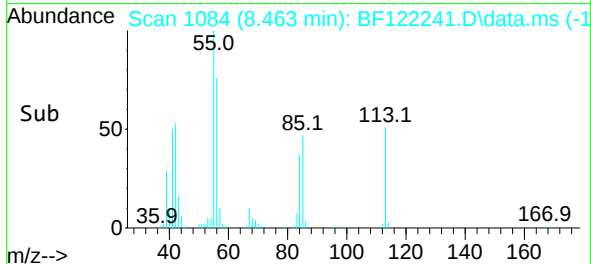
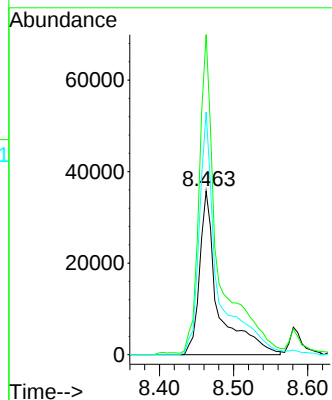
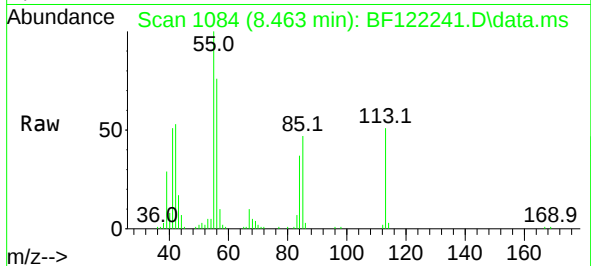




#35
Caprolactam
Concen: 39.87 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

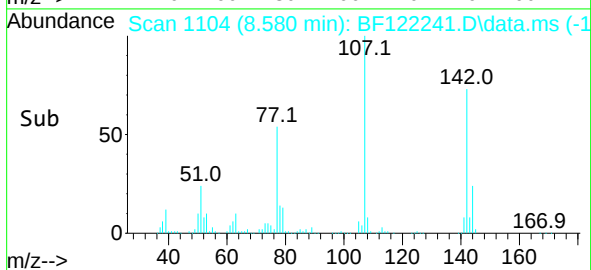
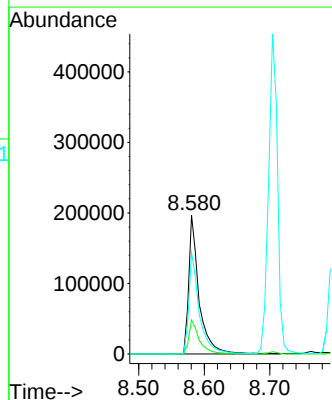
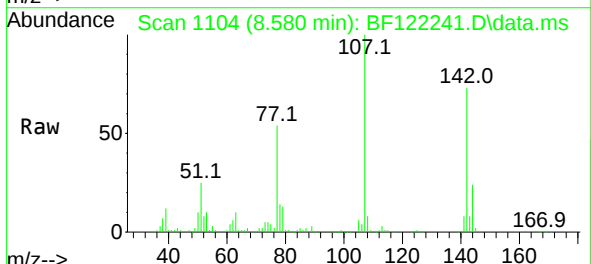
Instrument :
BNA_F
ClientSampleId :
12016MS

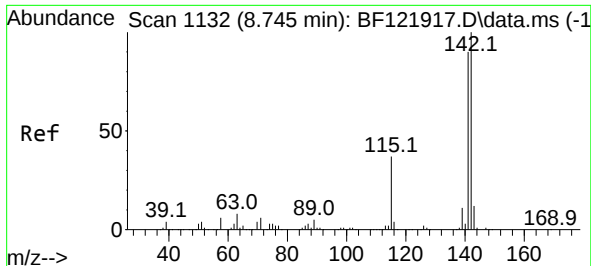
Tgt Ion:113 Resp: 62920
Ion Ratio Lower Upper
113 100
55 195.6 167.5 207.5
56 148.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 40.30 ng
RT: 8.580 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:107 Resp: 215084
Ion Ratio Lower Upper
107 100
144 24.5 20.1 30.1
142 72.8 59.3 88.9

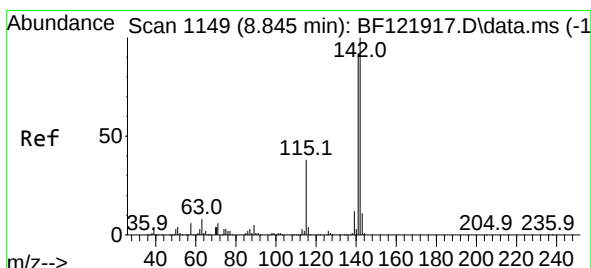
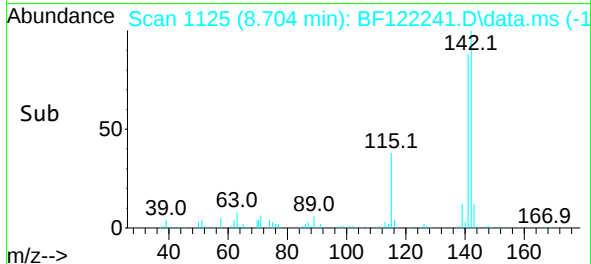
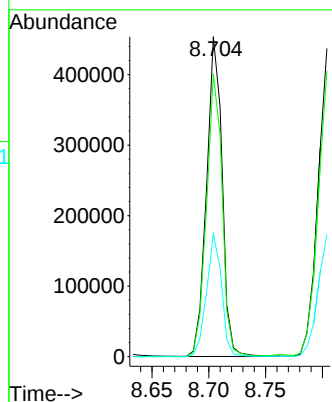
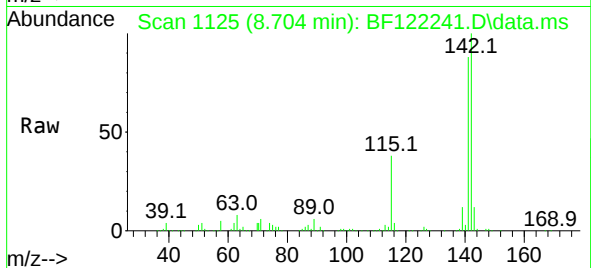




#37
2-Methylnaphthalene
Concen: 38.24 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

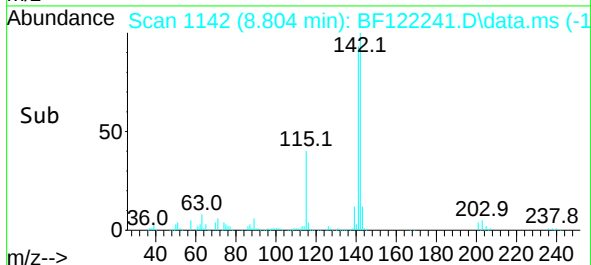
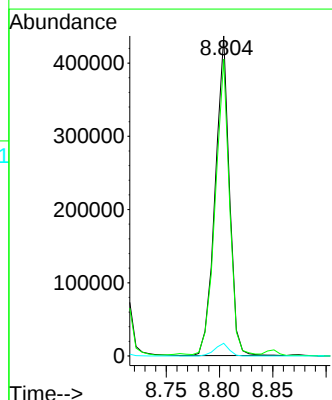
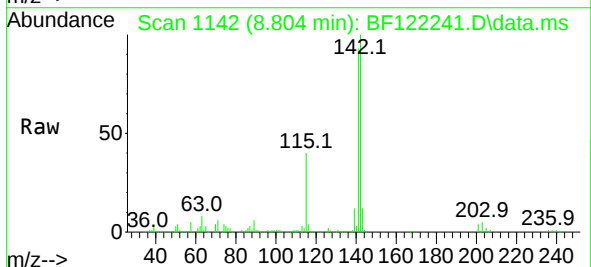
Instrument :
BNA_F
ClientSampleId :
12016MS

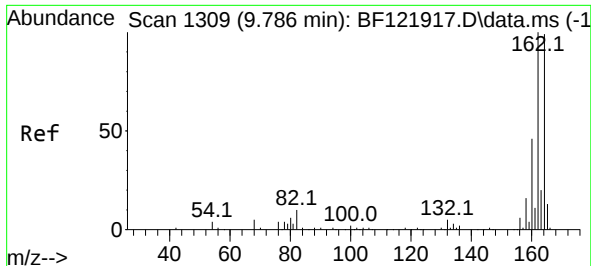
Tgt Ion:142 Resp: 430251
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 38.4 28.6 43.0



#38
1-Methylnaphthalene
Concen: 38.63 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:142 Resp: 402543
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7
116 3.9 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: BF122241.D

Acq: 3 Nov 2020 15:31

Instrument :

BNA_F

ClientSampleId :

12016MS

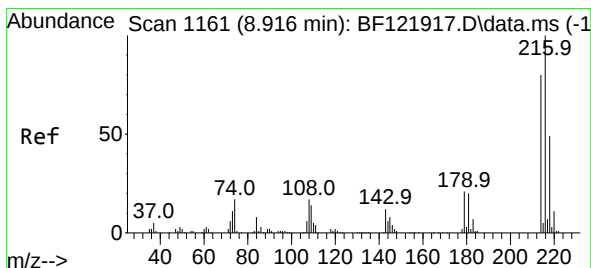
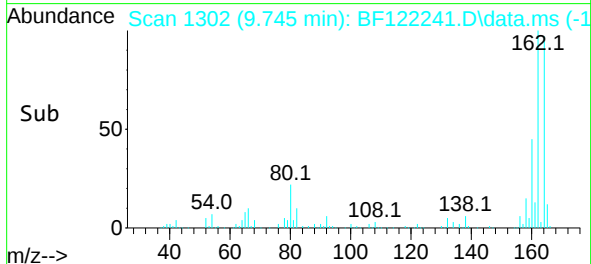
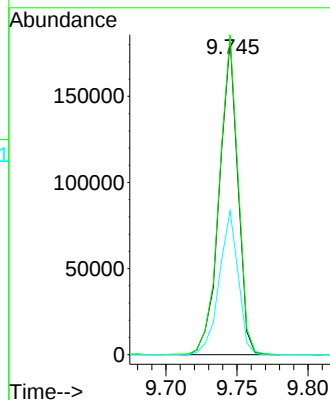
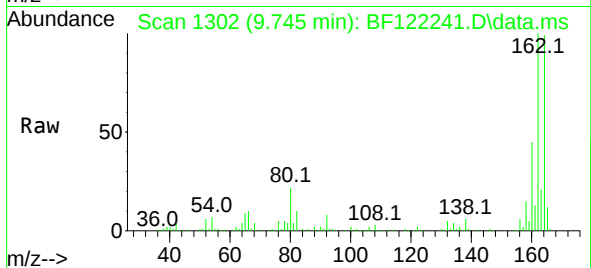
Tgt Ion:164 Resp: 165432

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

160 45.6 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.01 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

Tgt Ion:216 Resp: 208318

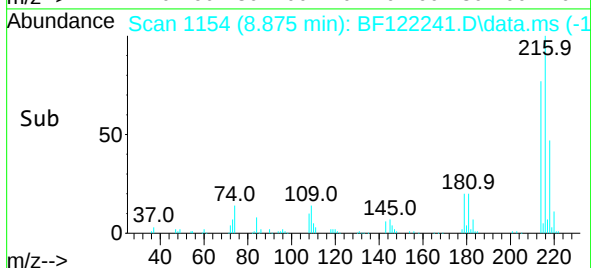
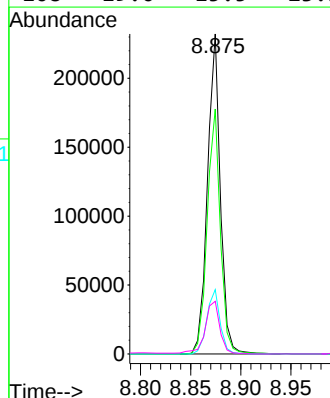
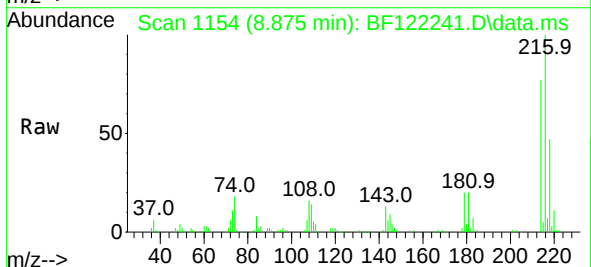
Ion Ratio Lower Upper

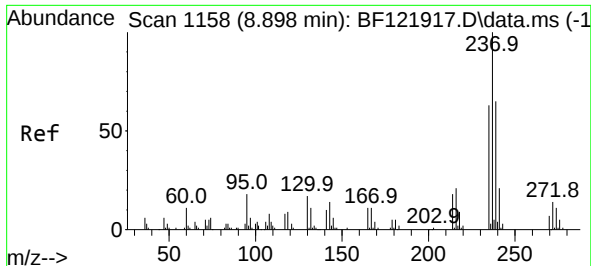
216 100

214 78.2 63.4 95.2

179 20.6 17.0 25.6

108 19.0 15.5 23.3

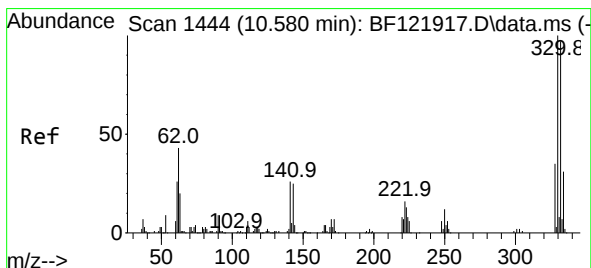
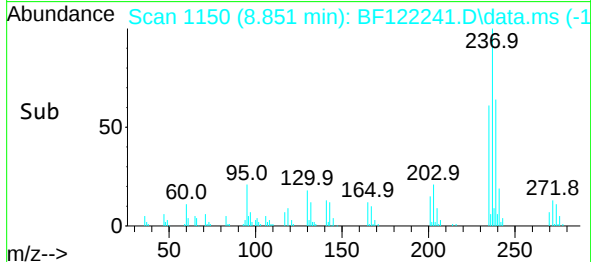
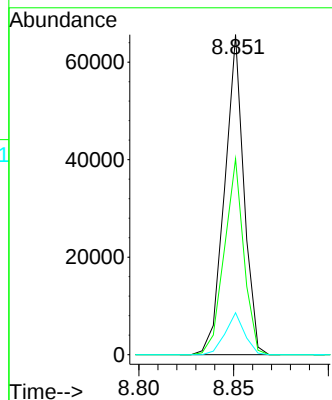
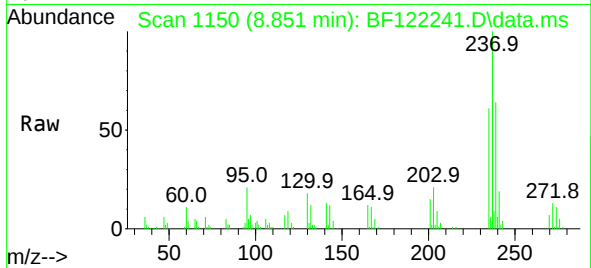




#41
Hexachlorocyclopentadiene
Concen: 41.59 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

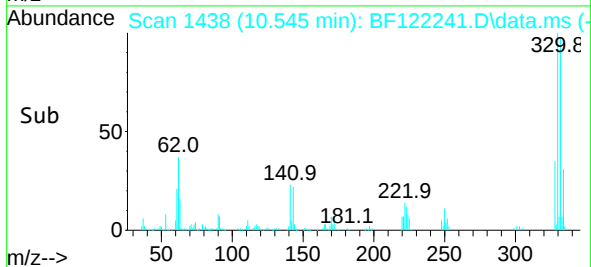
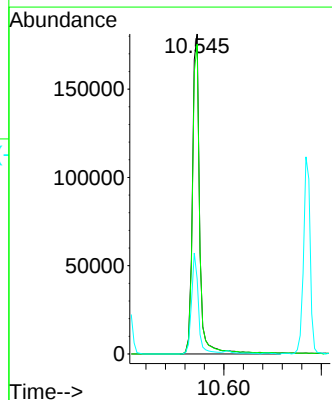
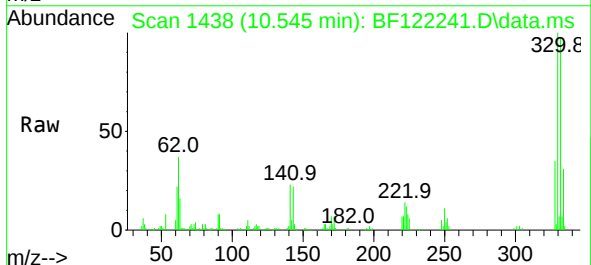
Instrument :
BNA_F
ClientSampleId :
12016MS

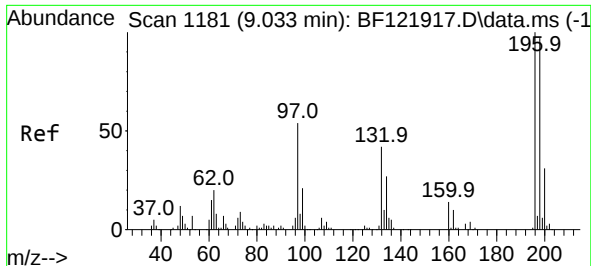
Tgt Ion:237 Resp: 46390
Ion Ratio Lower Upper
237 100
235 61.2 41.8 81.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 91.60 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:330 Resp: 187444
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 29.8 22.3 33.5

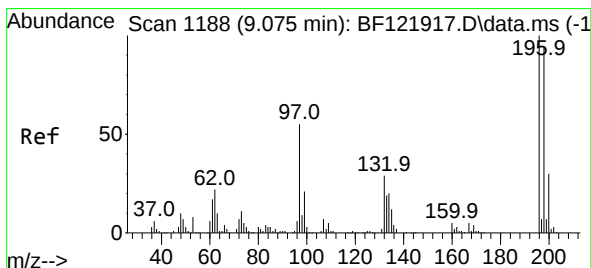
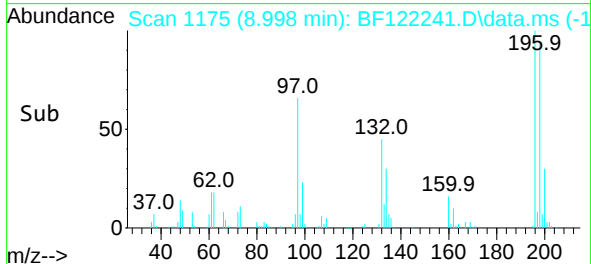
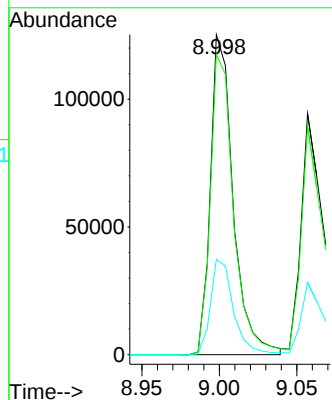
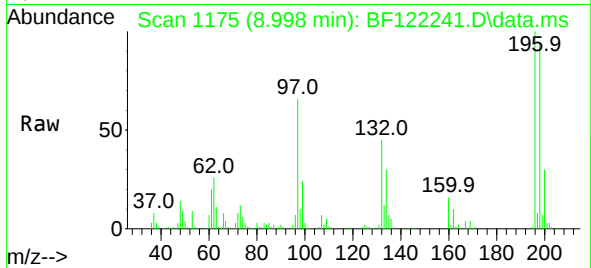




#43
2,4,6-Trichlorophenol
Concen: 38.75 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

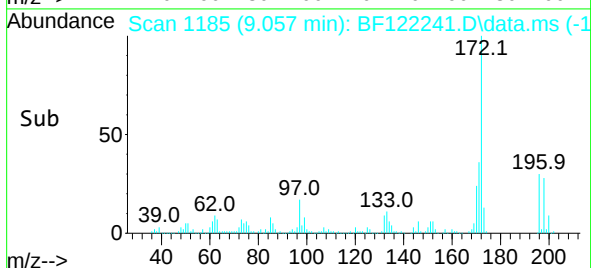
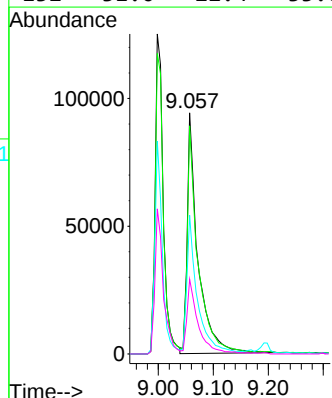
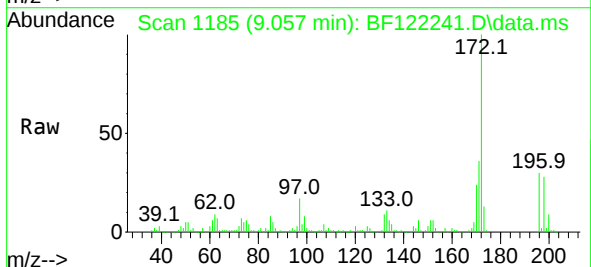
Instrument :
BNA_F
ClientSampleId :
12016MS

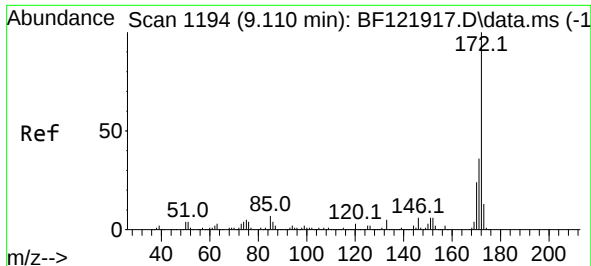
Tgt Ion:196 Resp: 127649
Ion Ratio Lower Upper
196 100
198 93.9 75.8 113.6
200 29.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 35.93 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:196 Resp: 127847
Ion Ratio Lower Upper
196 100
198 94.6 76.1 114.1
97 57.6 41.0 61.6
132 31.0 22.4 33.6

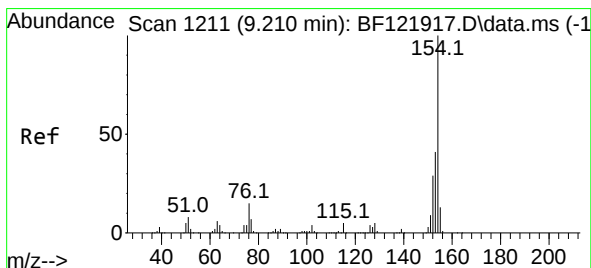
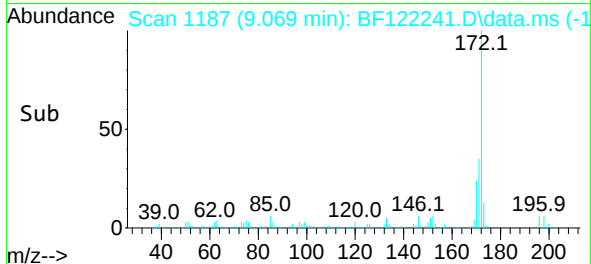
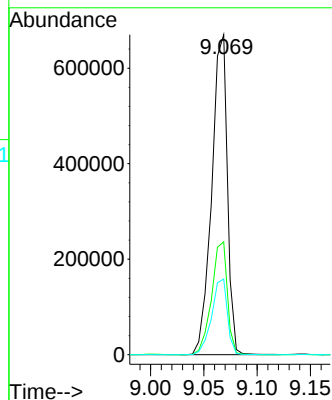
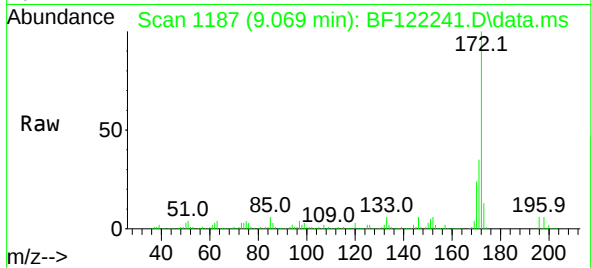




#45
2-Fluorobiphenyl
Concen: 60.94 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

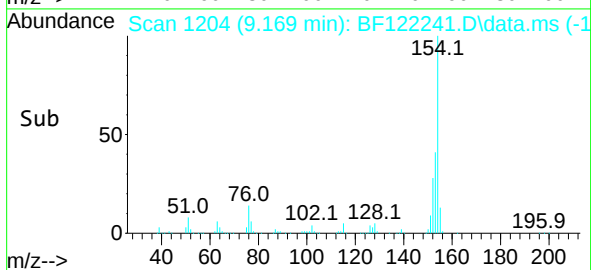
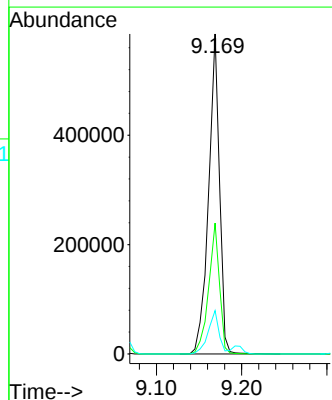
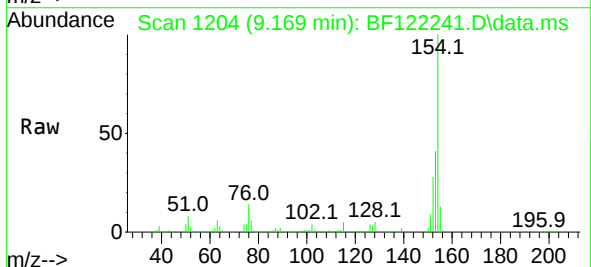
Instrument :
BNA_F
ClientSampleId :
12016MS

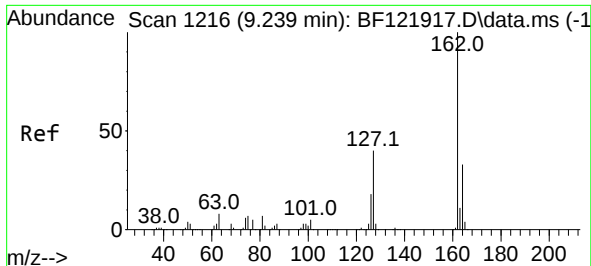
Tgt Ion:172 Resp: 685170
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 38.76 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:154 Resp: 521407
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 13.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 38.84 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

Instrument :

BNA_F

ClientSampleId :

12016MS

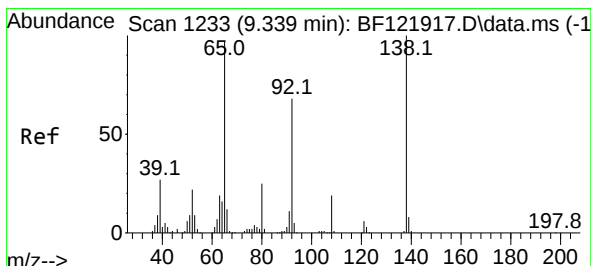
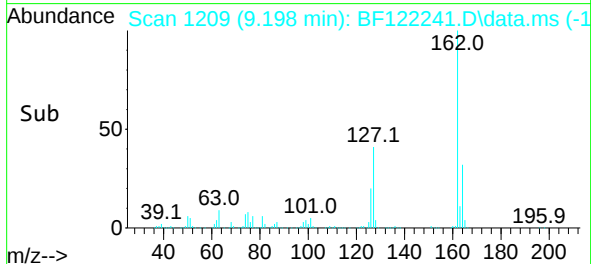
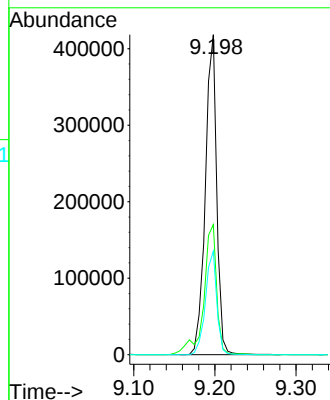
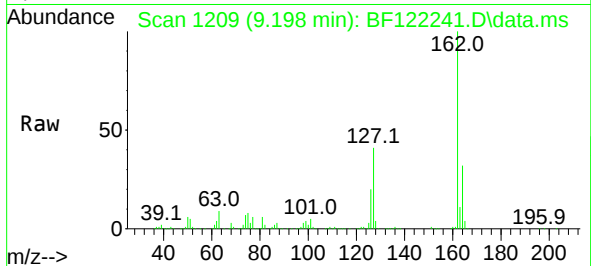
Tgt Ion:162 Resp: 406289

Ion Ratio Lower Upper

162 100

127 40.6 34.4 51.6

164 32.4 26.3 39.5



#48

2-Nitroaniline

Concen: 42.31 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

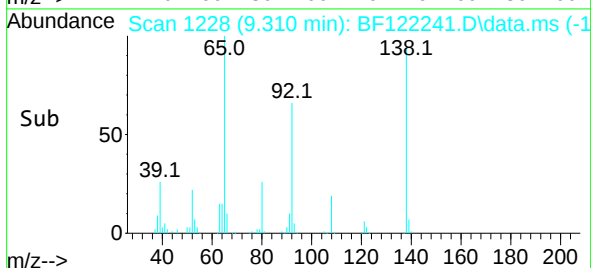
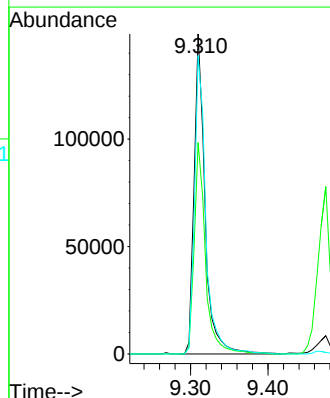
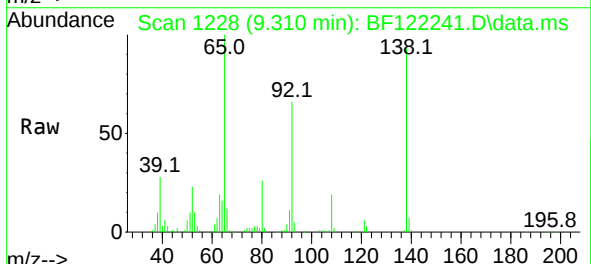
Tgt Ion: 65 Resp: 145979

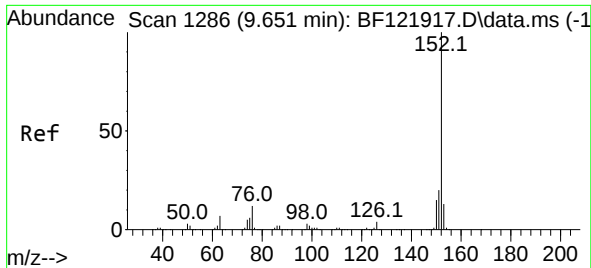
Ion Ratio Lower Upper

65 100

92 66.0 55.1 82.7

138 93.3 80.5 120.7

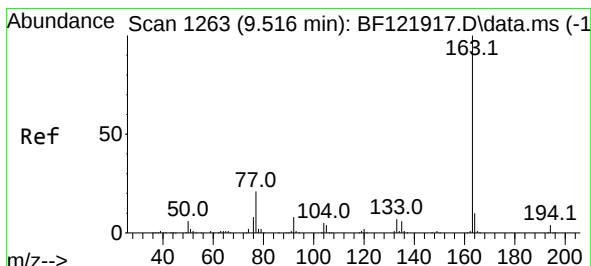
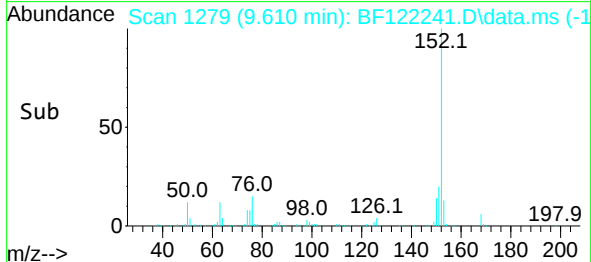
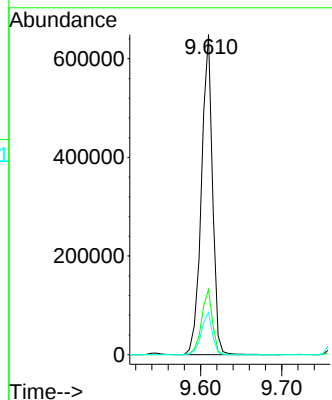
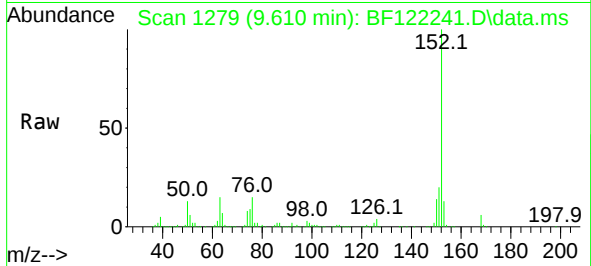




#49
Acenaphthylene
Concen: 38.31 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

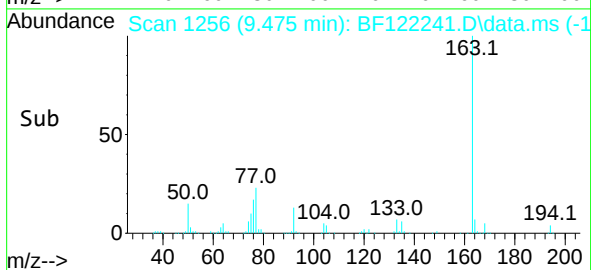
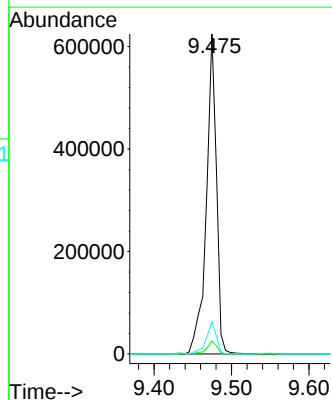
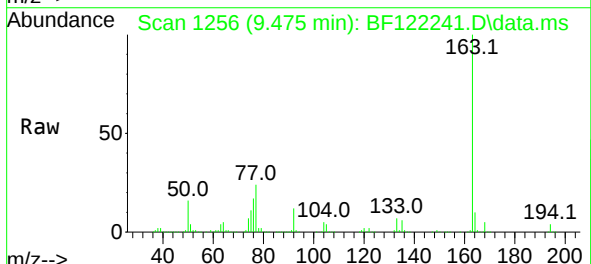
Instrument :
BNA_F
ClientSampleId :
12016MS

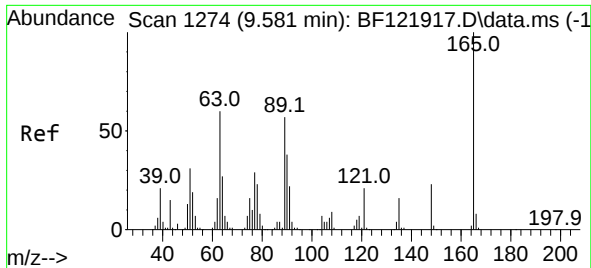
Tgt Ion:152 Resp: 615569
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 46.79 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:163 Resp: 565980
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4

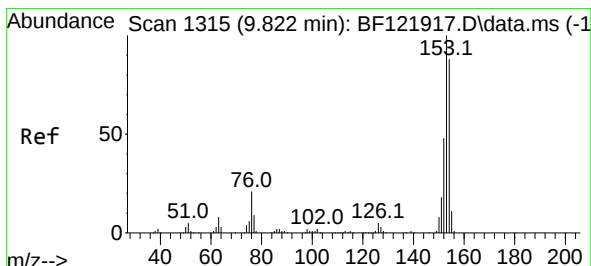
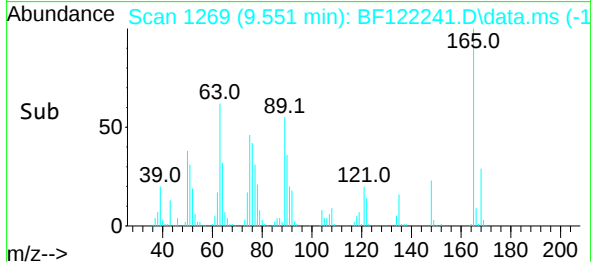
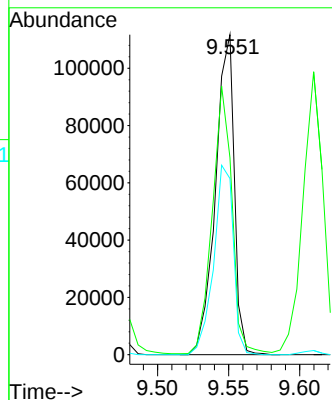
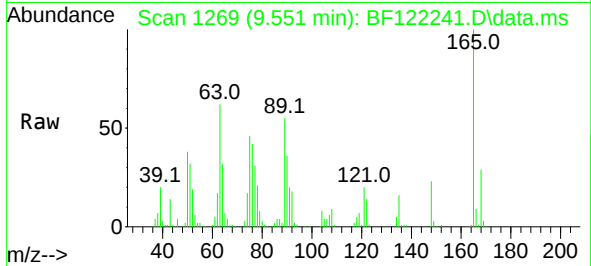




#51
2,6-Dinitrotoluene
Concen: 38.83 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

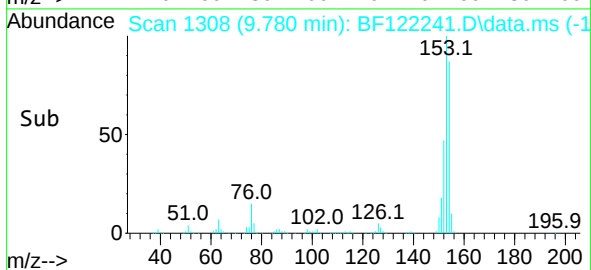
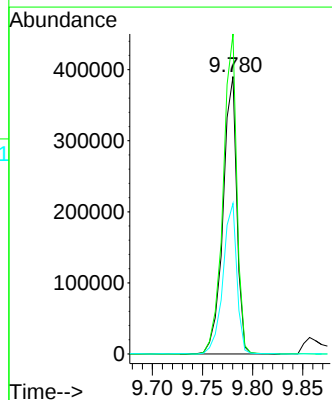
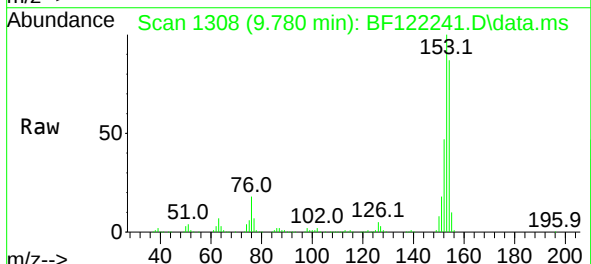
Instrument :
BNA_F
ClientSampleId :
12016MS

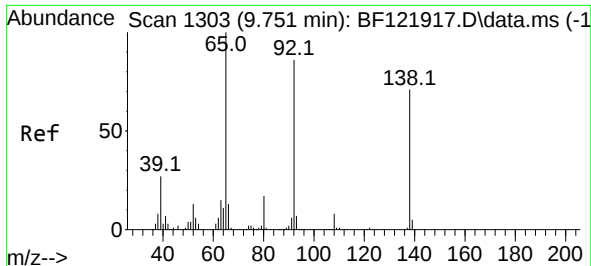
Tgt Ion:165 Resp: 103039
Ion Ratio Lower Upper
165 100
63 61.5 51.8 77.6
89 55.1 49.0 73.6



#52
Acenaphthene
Concen: 39.17 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:154 Resp: 374302
Ion Ratio Lower Upper
154 100
153 115.3 89.8 134.8
152 54.3 43.2 64.8

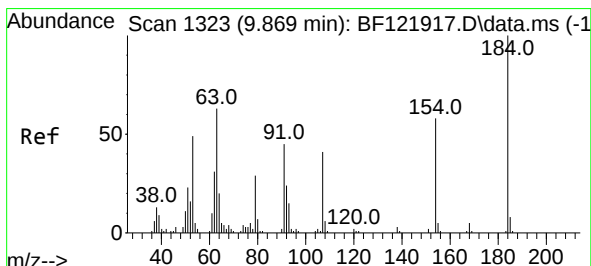
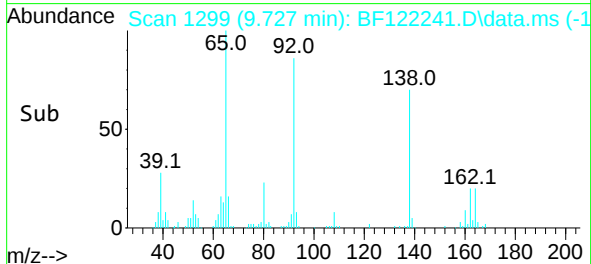
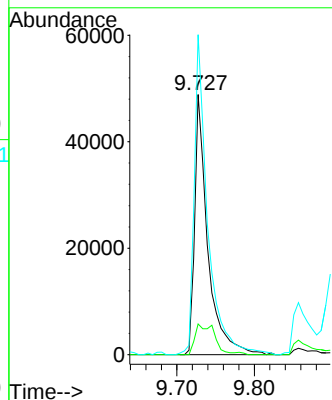
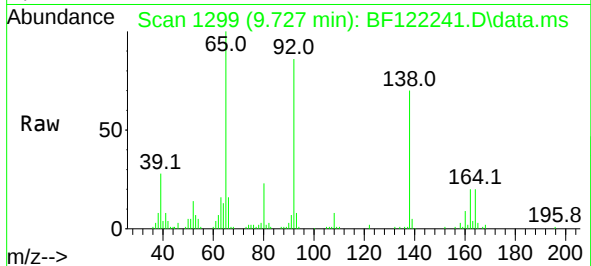




#53
3-Nitroaniline
Concen: 19.01 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

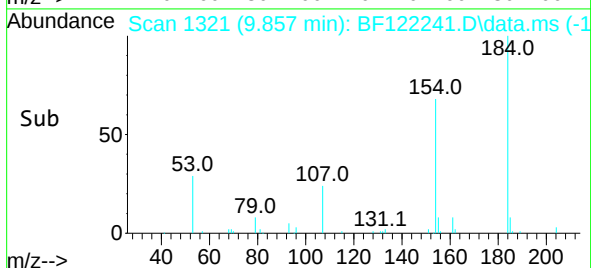
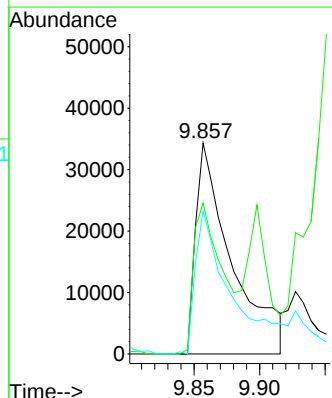
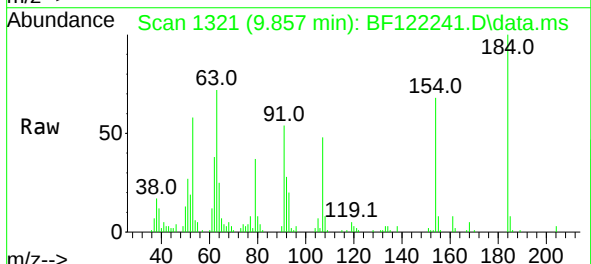
Instrument :
BNA_F
ClientSampleId :
12016MS

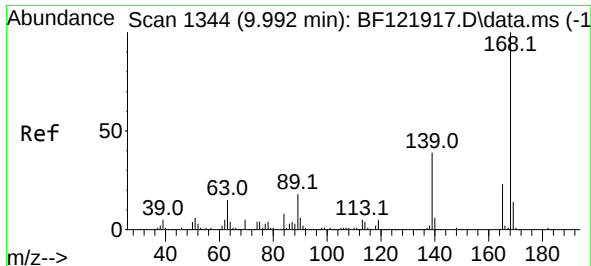
Tgt Ion:138 Resp: 57365
Ion Ratio Lower Upper
138 100
108 11.8 8.6 13.0
92 123.0 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 51.78 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:184 Resp: 65468
Ion Ratio Lower Upper
184 100
63 71.6 45.9 68.9#
154 67.8 45.8 68.6





#55

Dibenzenofuran

Concen: 39.51 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

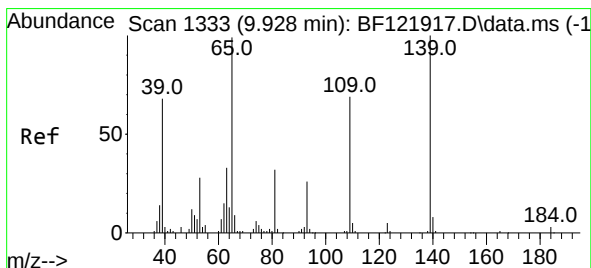
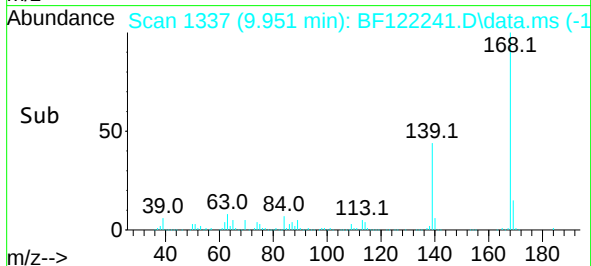
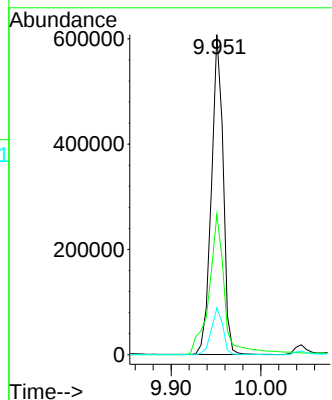
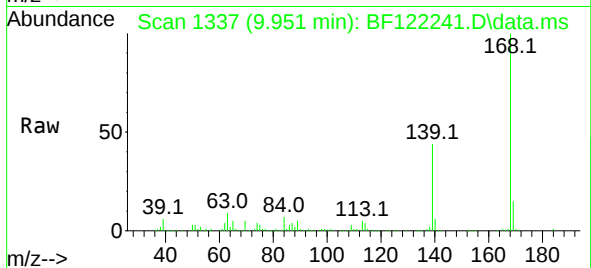
Tgt Ion:168 Resp: 552244

Ion Ratio Lower Upper

168 100

139 43.8 31.0 46.6

169 14.6 11.3 16.9



#56

4-Nitrophenol

Concen: 209.26 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.041 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

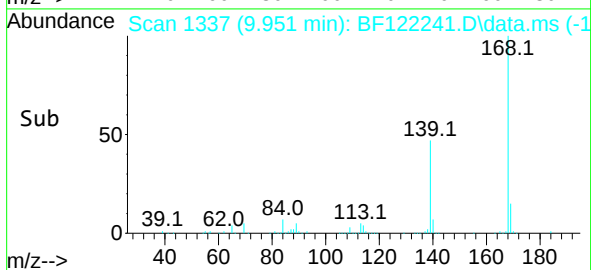
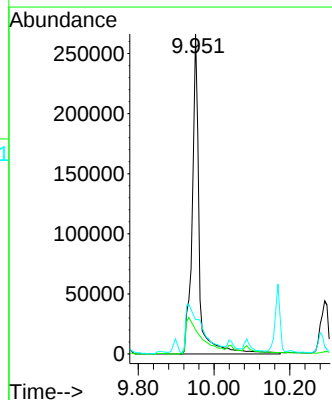
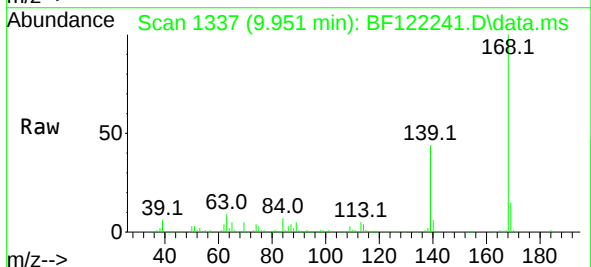
Tgt Ion:139 Resp: 343544

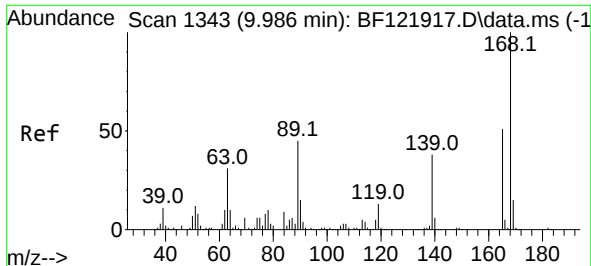
Ion Ratio Lower Upper

139 100

109 7.6 45.4 85.4#

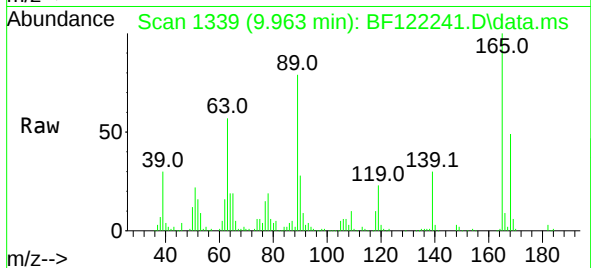
65 10.8 68.4 108.4#



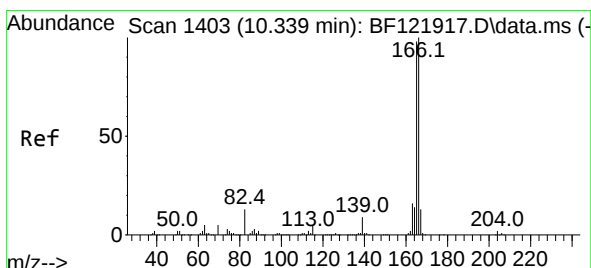
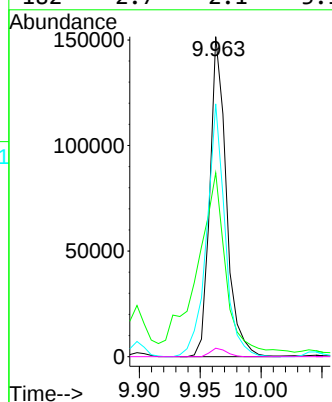
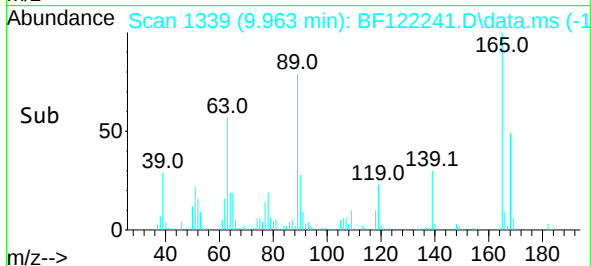


#57
2,4-Dinitrotoluene
Concen: 43.83 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

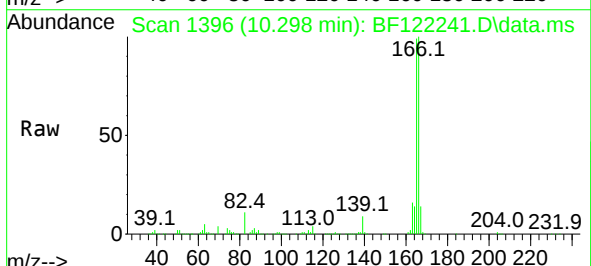
Instrument :
BNA_F
ClientSampleId :
12016MS



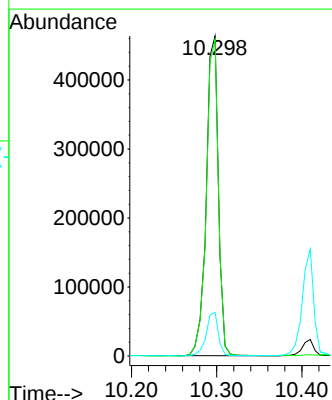
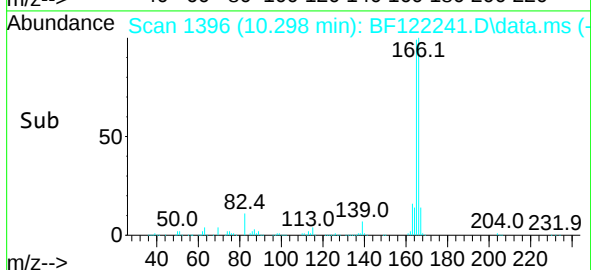
Tgt Ion:165 Resp: 143178
Ion Ratio Lower Upper
165 100
63 57.5 41.3 61.9
89 79.0 61.8 92.8
182 2.7 2.1 3.1

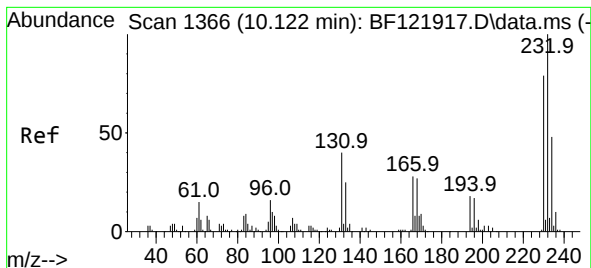


#58
Fluorene
Concen: 40.38 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31



Tgt Ion:166 Resp: 454691
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.7 11.0 16.6

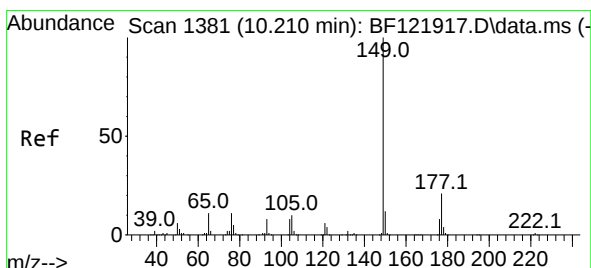
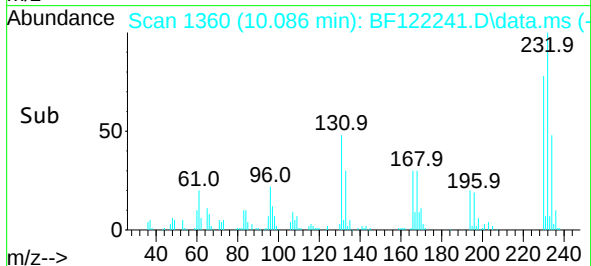
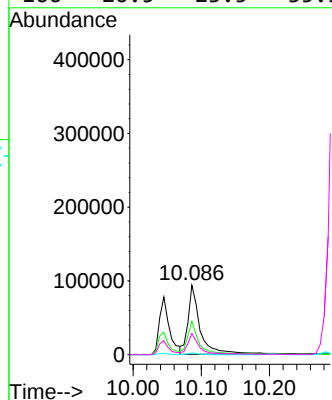
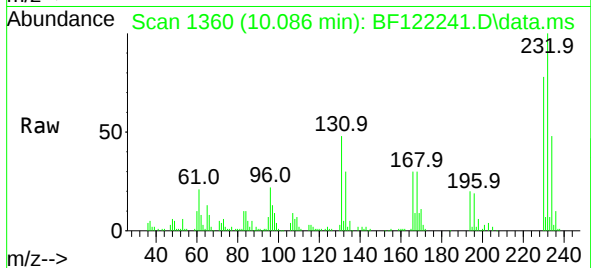




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.13 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

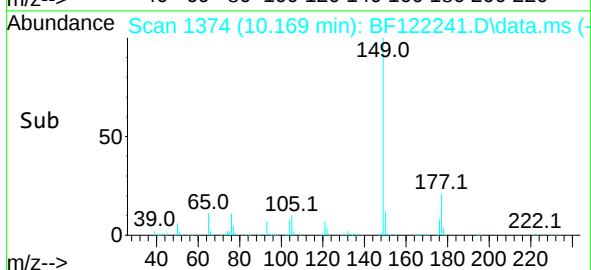
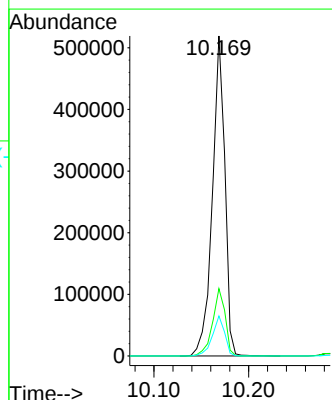
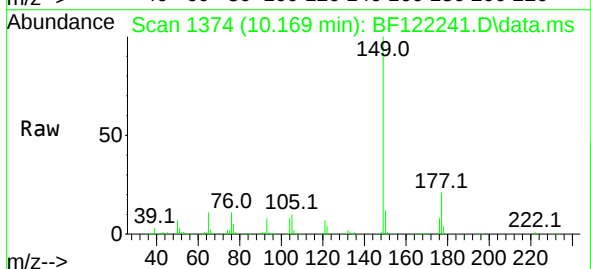
Instrument :
BNA_F
ClientSampleId :
12016MS

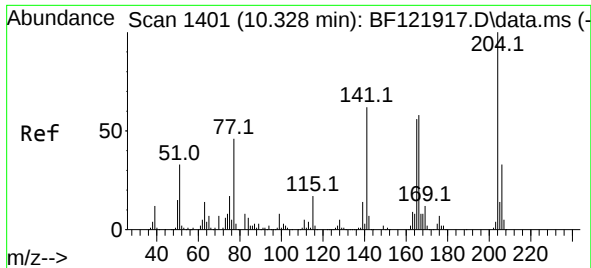
Tgt Ion:232 Resp: 113211
Ion Ratio Lower Upper
232 100
131 41.7 35.9 53.9
130 2.5 1.8 2.6
166 26.5 23.5 35.3



#60
Diethylphthalate
Concen: 40.59 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:149 Resp: 473525
Ion Ratio Lower Upper
149 100
177 21.0 18.1 27.1
150 12.5 10.3 15.5

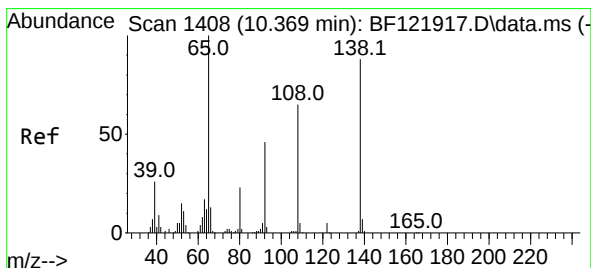
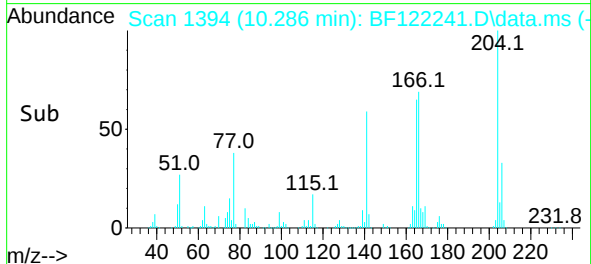
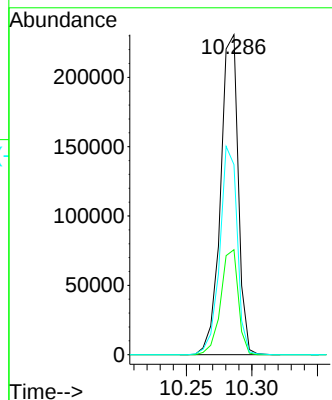
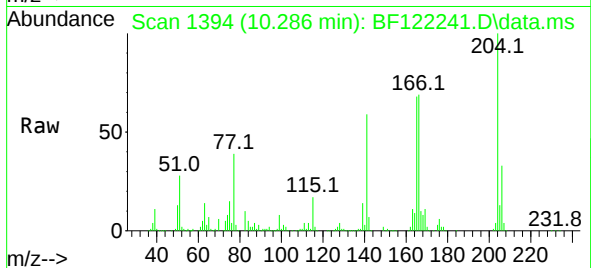




#61
4-Chlorophenyl-phenylether
Concen: 39.89 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

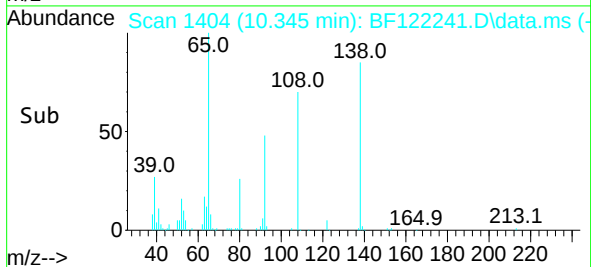
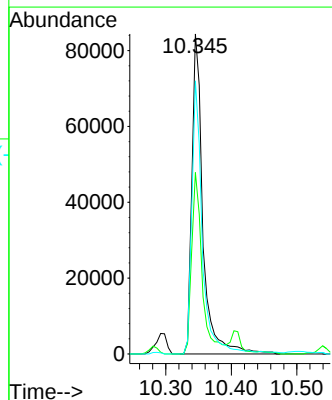
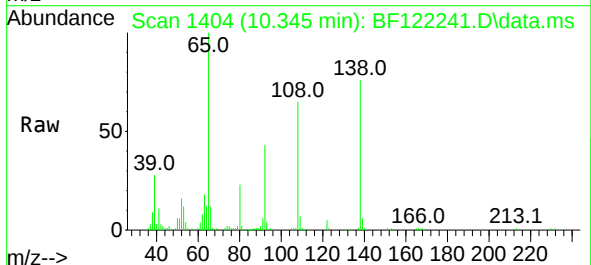
Instrument :
BNA_F
ClientSampleId :
12016MS

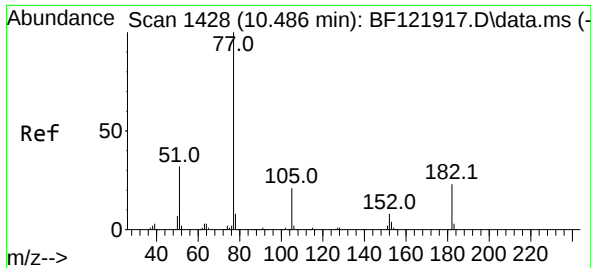
Tgt Ion:204 Resp: 215406
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 59.4 46.2 69.4



#62
4-Nitroaniline
Concen: 32.76 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:138 Resp: 98782
Ion Ratio Lower Upper
138 100
92 56.7 31.0 71.0
108 85.3 51.5 91.5

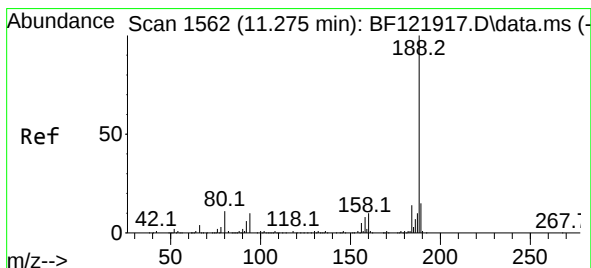
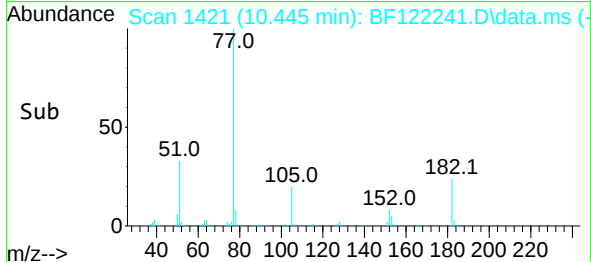
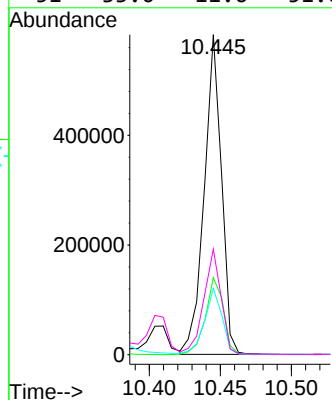
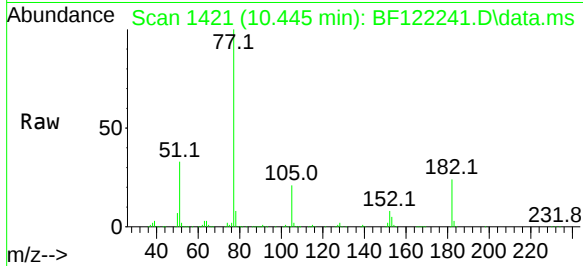




#63
Azobenzene
Concen: 39.92 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

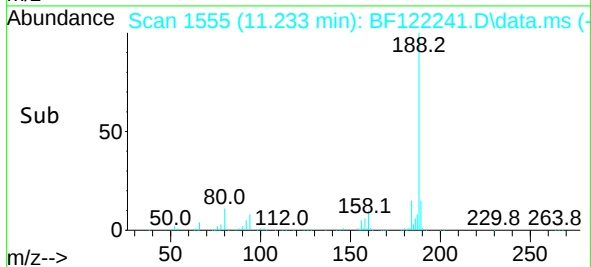
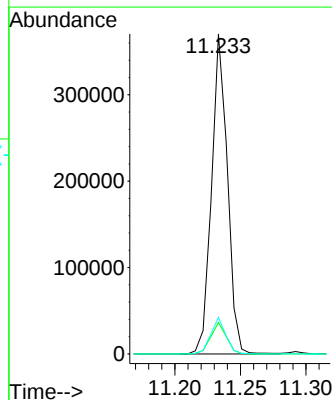
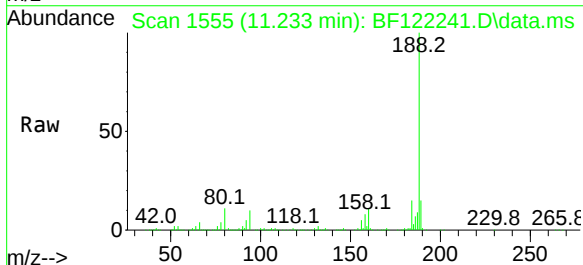
Instrument :
BNA_F
ClientSampleId :
12016MS

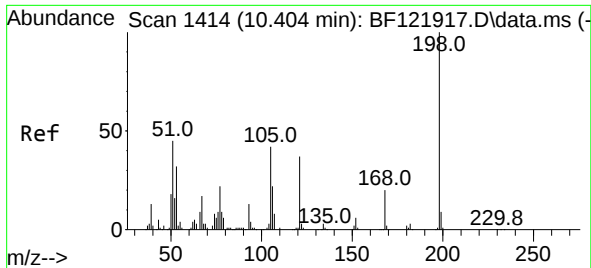
Tgt Ion: 77	Resp: 492471
Ion Ratio	Lower Upper
77 100	
182 24.1	3.4 43.4
105 20.7	1.7 41.7
51 33.0	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:188	Resp: 311904		
Ion Ratio	Lower	Upper	
188 100			
94 9.9	8.3	12.5	
80 11.4	9.1	13.7	

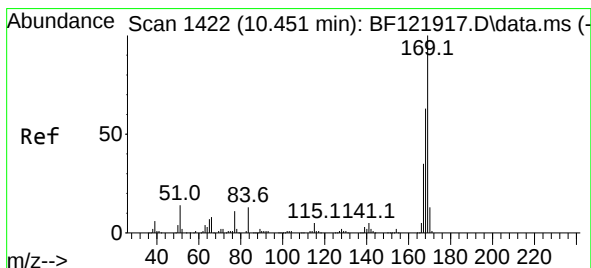
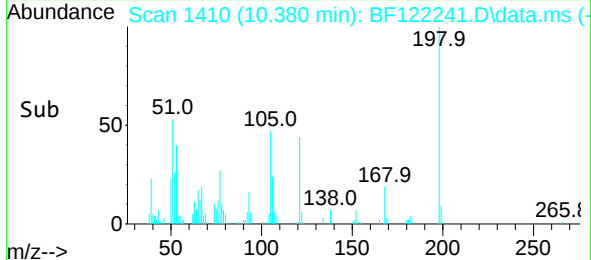
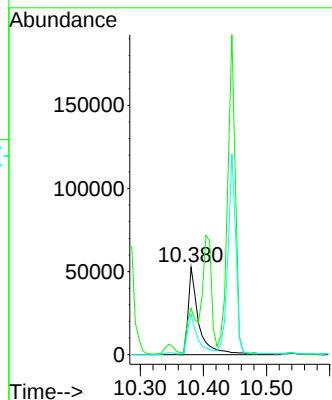
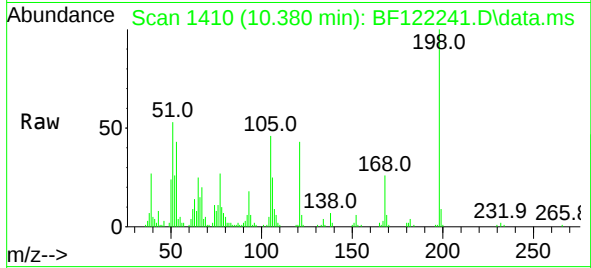




#65
4,6-Dinitro-2-methylphenol
Concen: 31.48 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

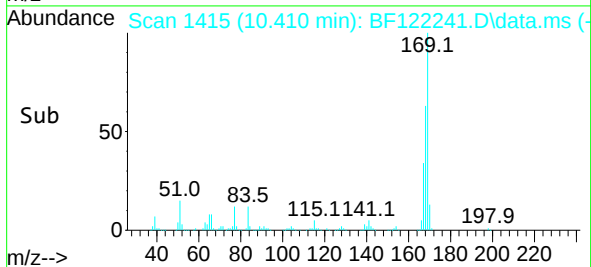
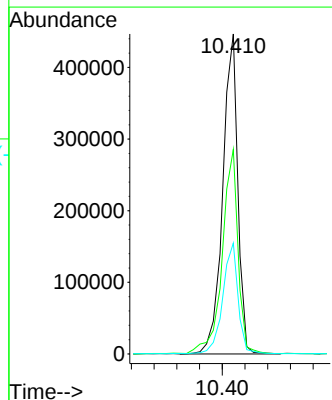
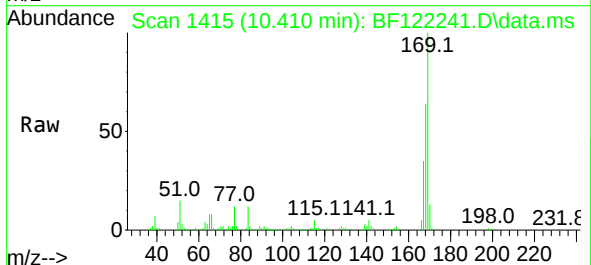
Instrument :
BNA_F
ClientSampleId :
12016MS

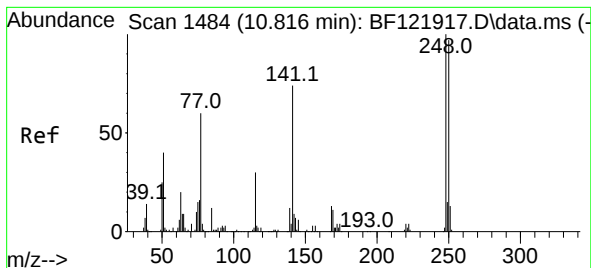
Tgt Ion:198 Resp: 62284
Ion Ratio Lower Upper
198 100
51 53.1 29.6 69.6
105 46.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 38.43 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:169 Resp: 412895
Ion Ratio Lower Upper
169 100
168 63.9 50.0 75.0
167 34.7 27.8 41.6

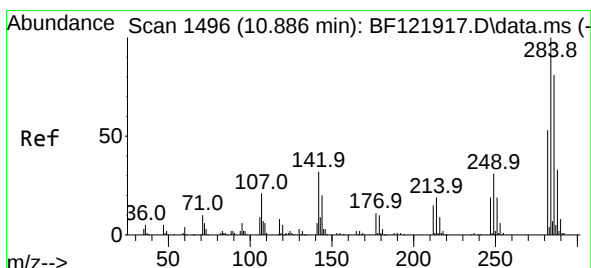
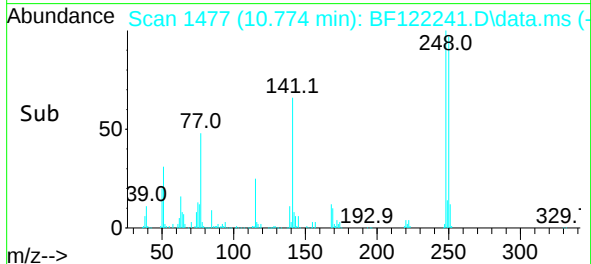
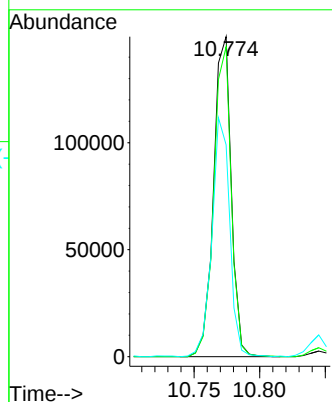
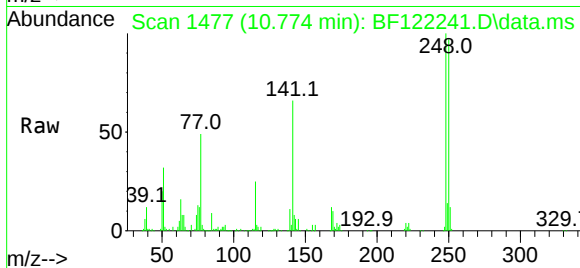




#67
4-Bromophenyl-phenylether
Concen: 38.87 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

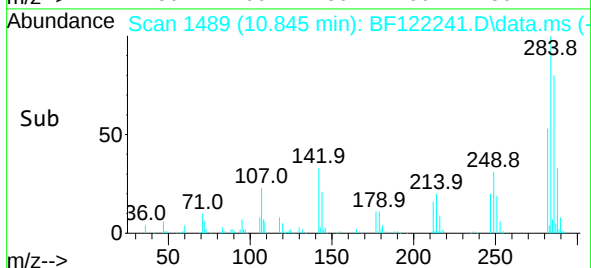
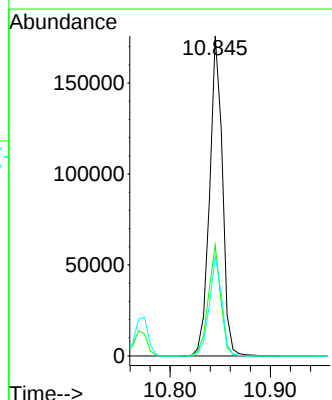
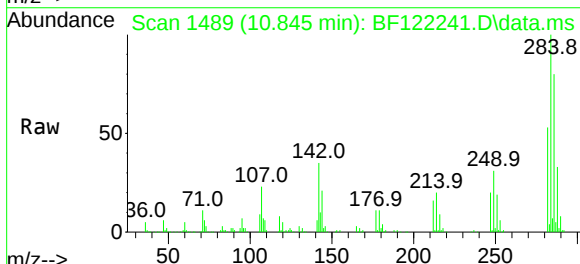
Instrument :
BNA_F
ClientSampleId :
12016MS

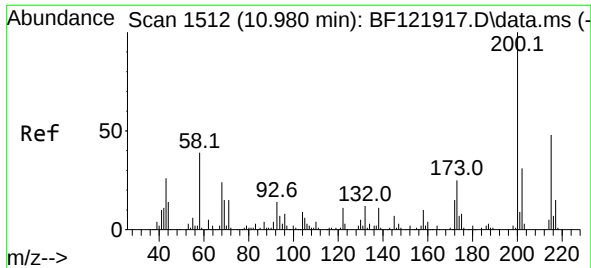
Tgt Ion:248 Resp: 140054
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 66.2 53.7 80.5



#68
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.845 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:284 Resp: 156616
Ion Ratio Lower Upper
284 100
142 34.6 27.4 41.2
249 31.3 24.2 36.4

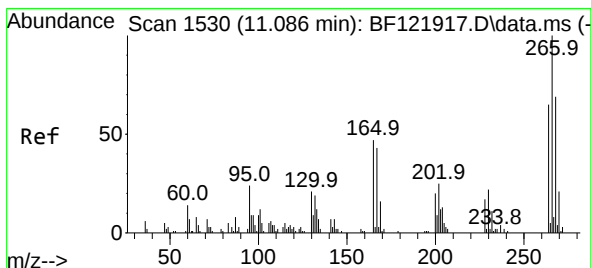
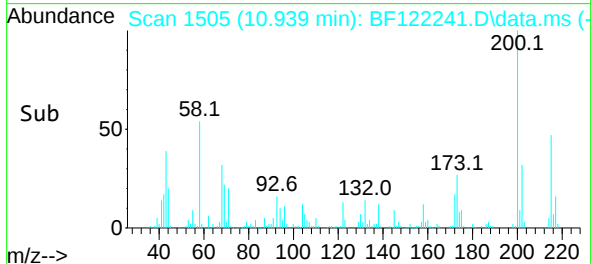
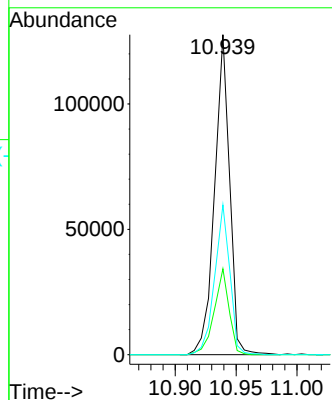
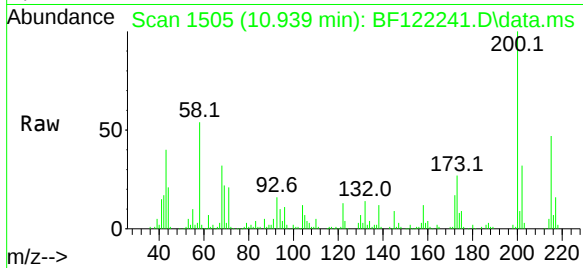




#69
Atrazine
Concen: 41.72 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

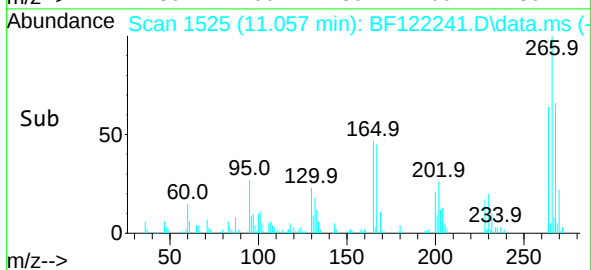
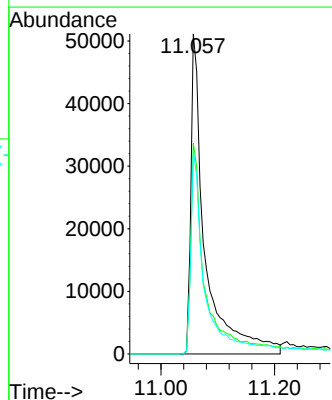
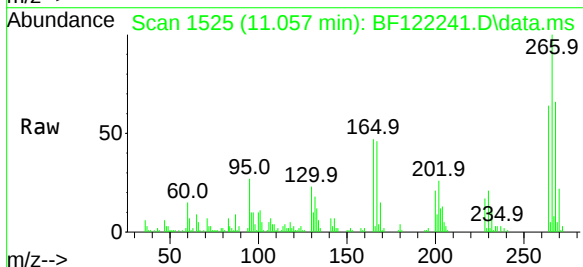
Instrument :
BNA_F
ClientSampleId :
12016MS

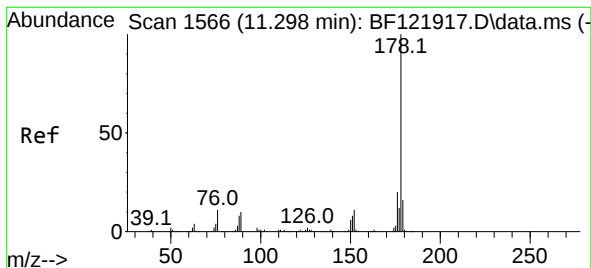
Tgt Ion:200 Resp: 109603
Ion Ratio Lower Upper
200 100
173 26.9 7.5 47.5
215 46.8 27.1 67.1



#70
Pentachlorophenol
Concen: 58.18 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:266 Resp: 89437
Ion Ratio Lower Upper
266 100
268 65.8 52.4 78.6
264 63.5 49.9 74.9

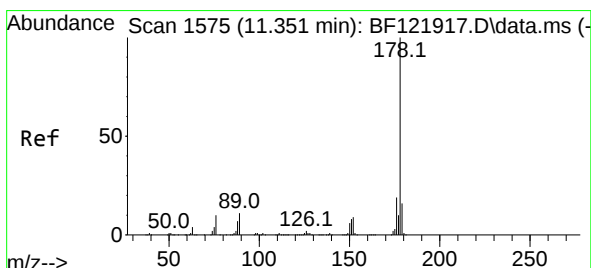
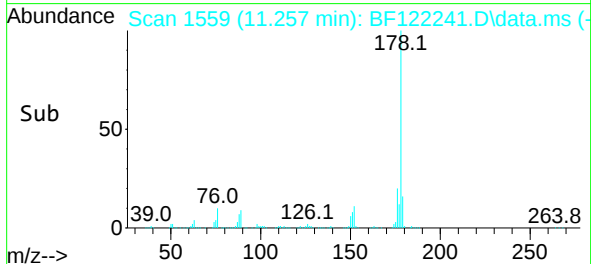
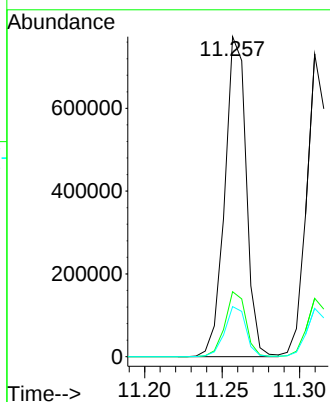
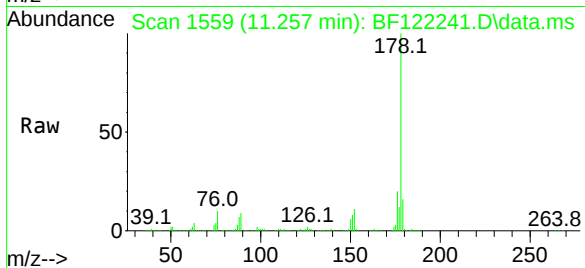




#71
Phenanthrene
Concen: 43.62 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

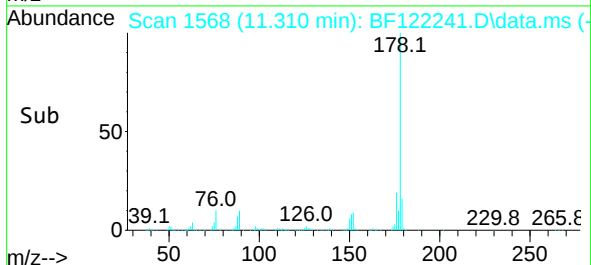
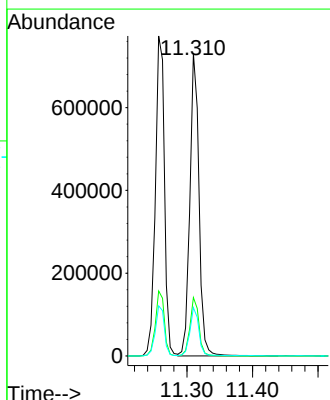
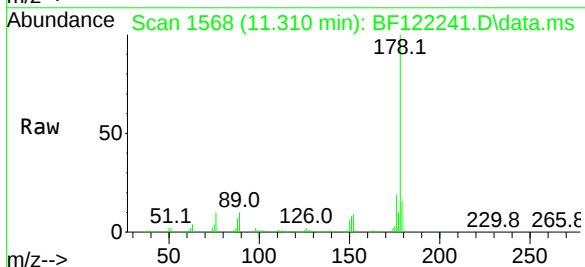
Instrument :
BNA_F
ClientSampleId :
12016MS

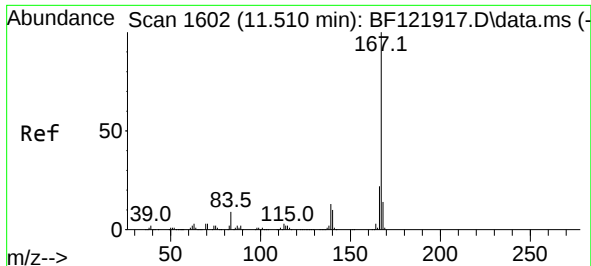
Tgt Ion:178 Resp: 745961
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.7 12.2 18.4



#72
Anthracene
Concen: 39.83 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:178 Resp: 706524
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.9 12.7 19.1

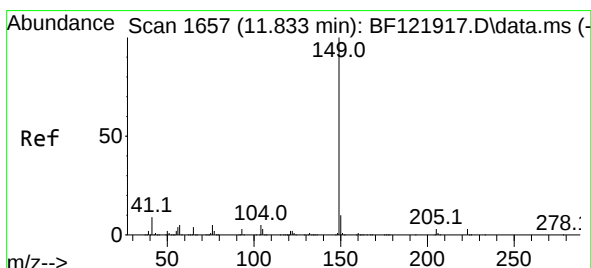
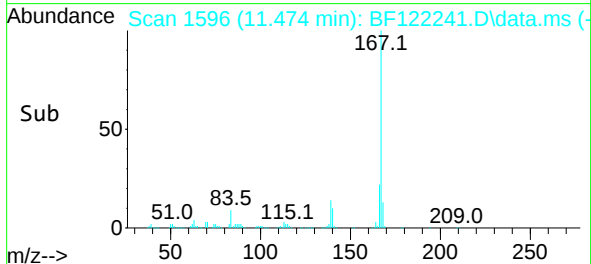
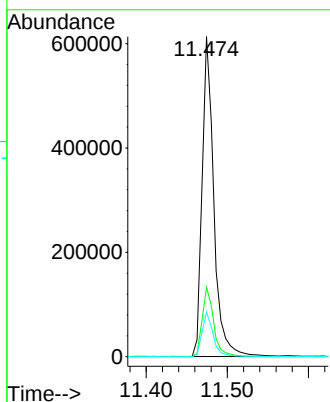
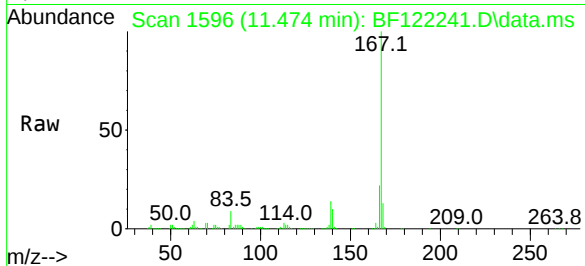




#73
 Carbazole
 Concen: 38.82 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF122241.D
 Acq: 3 Nov 2020 15:31

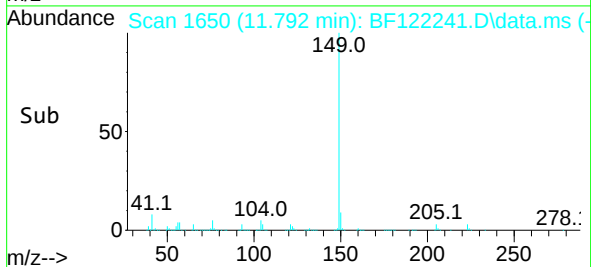
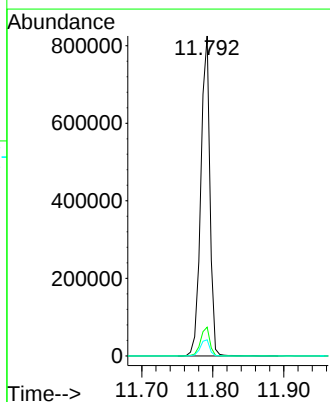
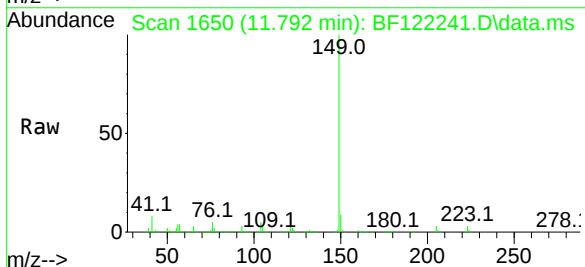
Instrument :
 BNA_F
 ClientSampleId :
 12016MS

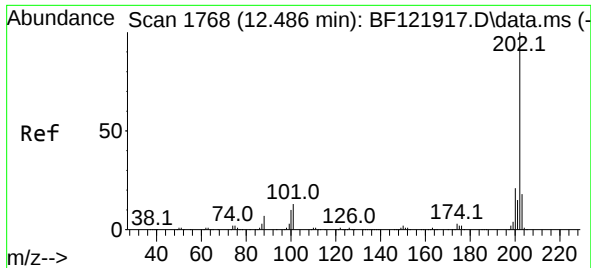
Tgt Ion:167 Resp: 612220
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.50 ng
 RT: 11.792 min Scan# 1650
 Delta R.T. -0.000 min
 Lab File: BF122241.D
 Acq: 3 Nov 2020 15:31

Tgt Ion:149 Resp: 734948
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.0 4.2 6.2

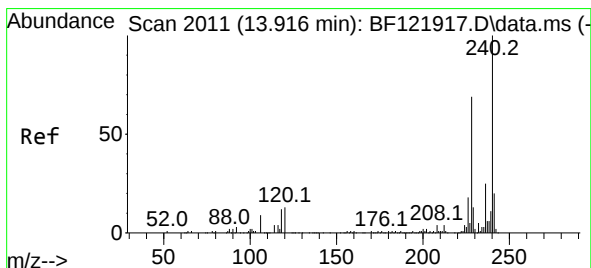
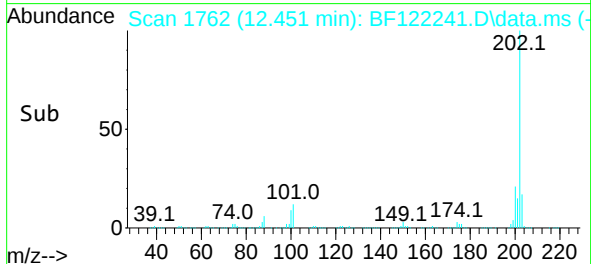
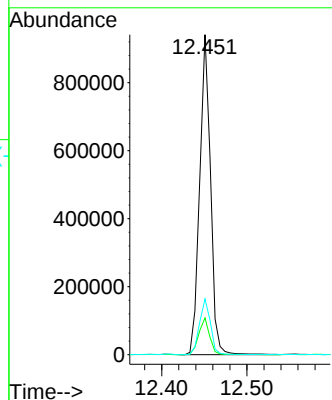
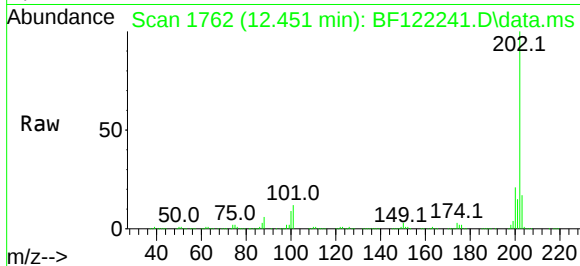




#75
Fluoranthene
Concen: 45.44 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

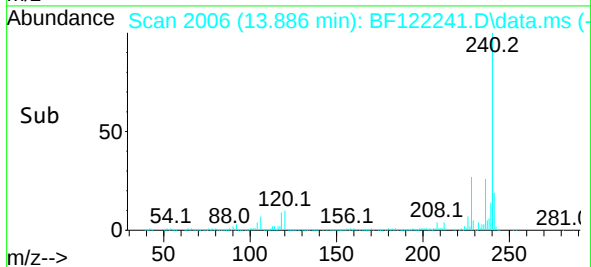
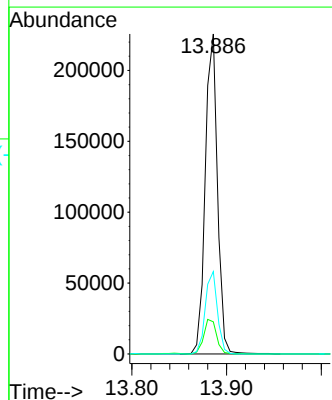
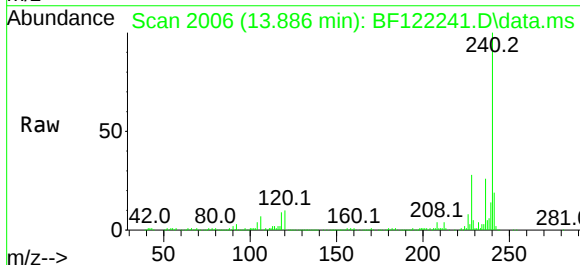
Instrument :
BNA_F
ClientSampleId :
12016MS

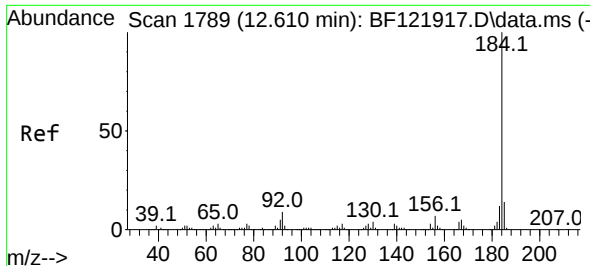
Tgt Ion:202 Resp: 833261
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:240 Resp: 201127
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.8 20.9 31.3

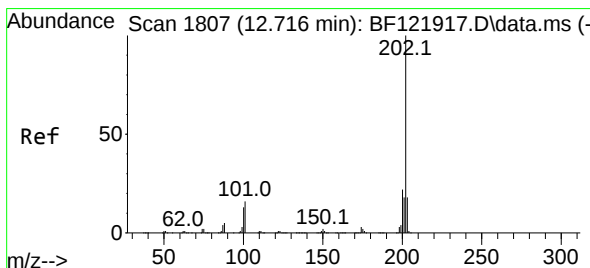
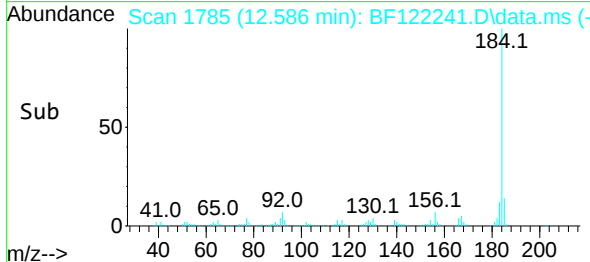
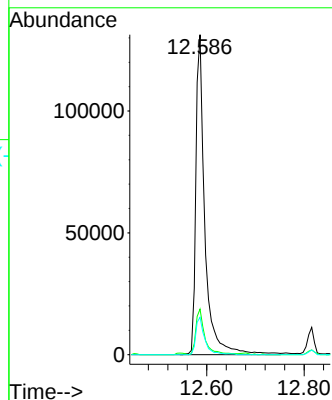
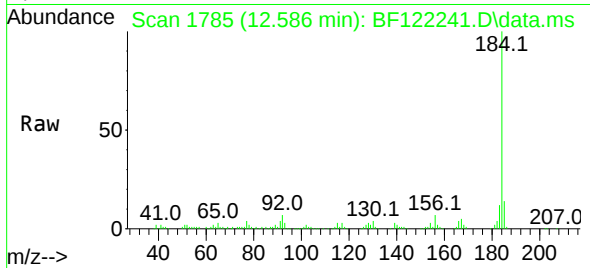




#77
Benzidine
Concen: 27.56 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

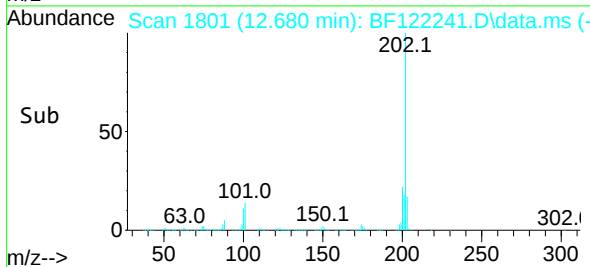
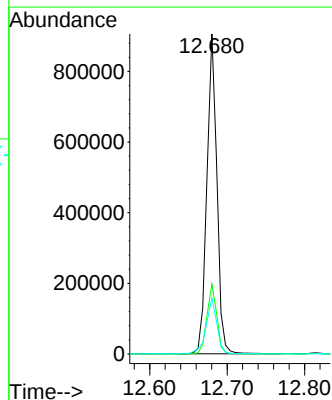
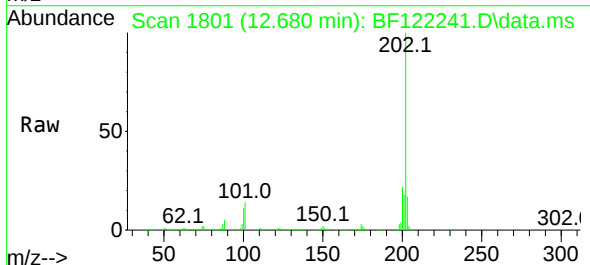
Instrument :
BNA_F
ClientSampleId :
12016MS

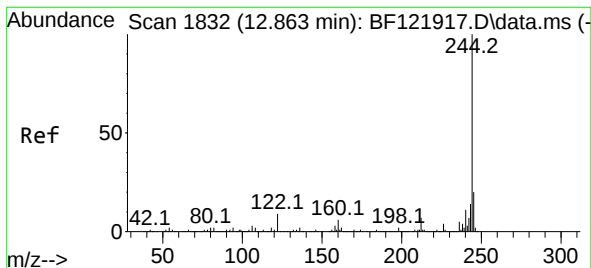
Tgt Ion:184 Resp: 170860
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 53.01 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:202 Resp: 812459
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.4 14.6 21.8





#79

Terphenyl-d14

Concen: 64.37 ng

RT: 12.815 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

Instrument :

BNA_F

ClientSampleId :

12016MS

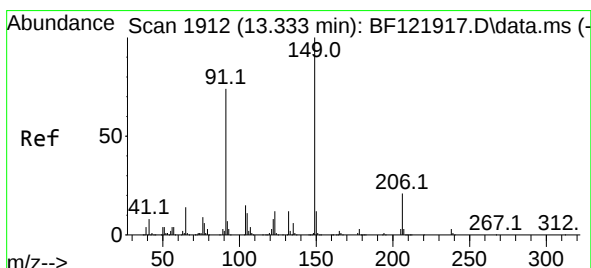
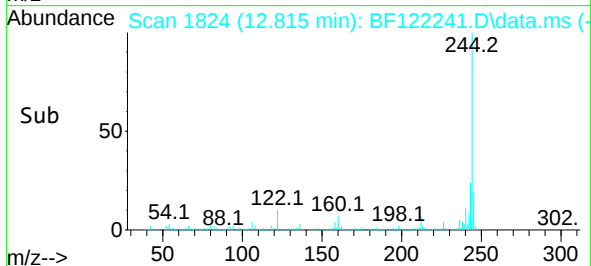
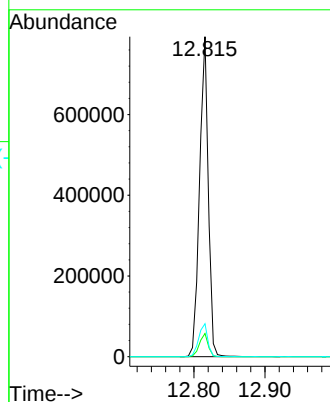
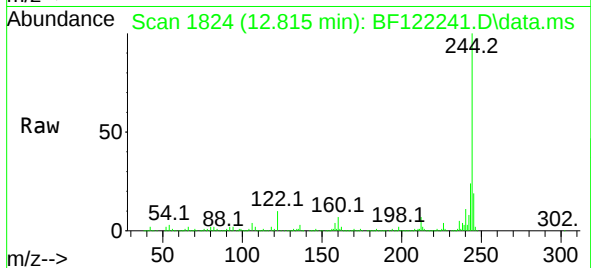
Tgt Ion:244 Resp: 679385

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.3 8.1 12.1



#80

Butylbenzylphthalate

Concen: 46.04 ng

RT: 13.286 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

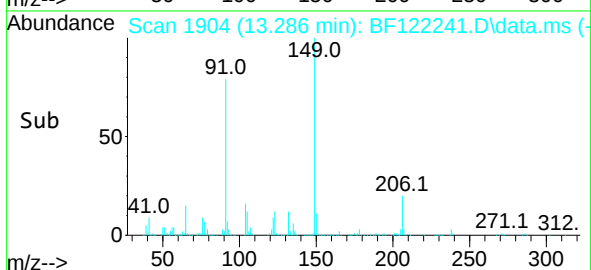
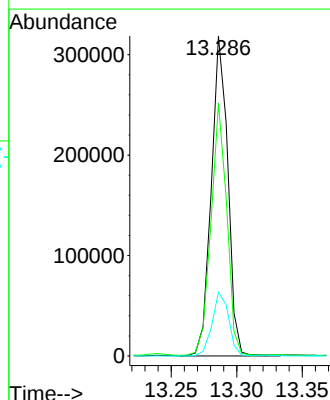
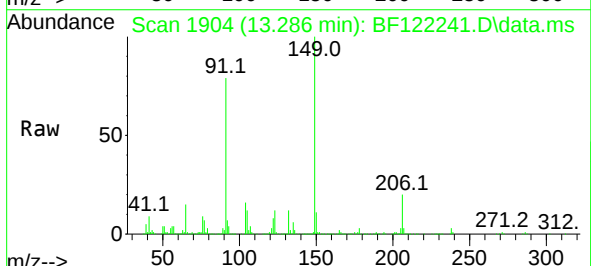
Tgt Ion:149 Resp: 279833

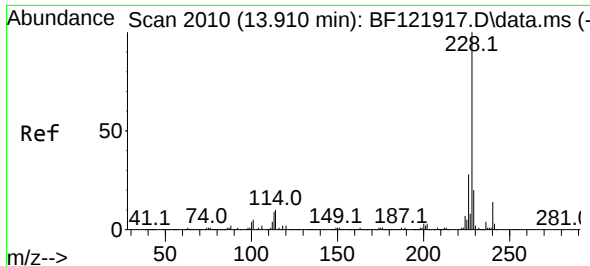
Ion Ratio Lower Upper

149 100

91 79.0 61.0 91.4

206 19.9 16.7 25.1

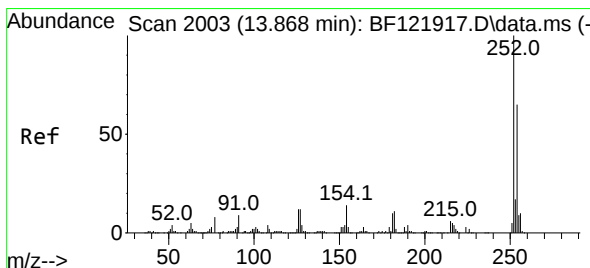
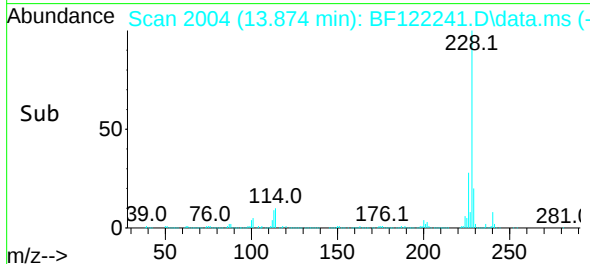
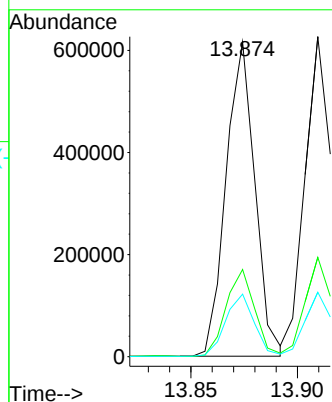
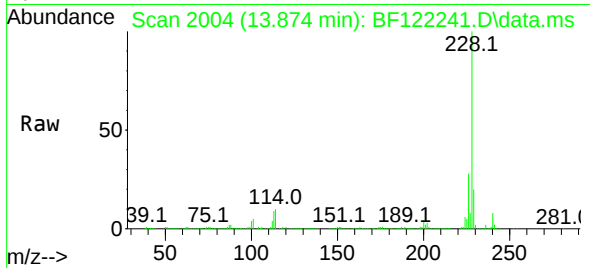




#81
Benzo(a)anthracene
Concen: 43.87 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

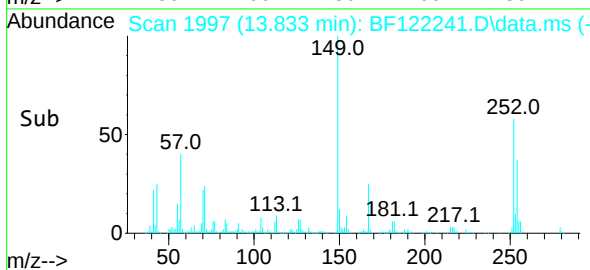
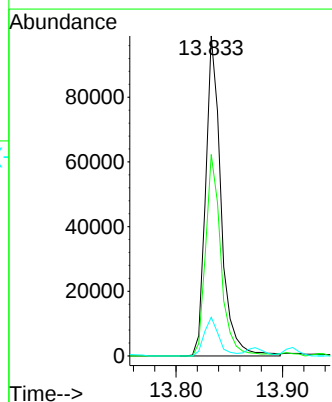
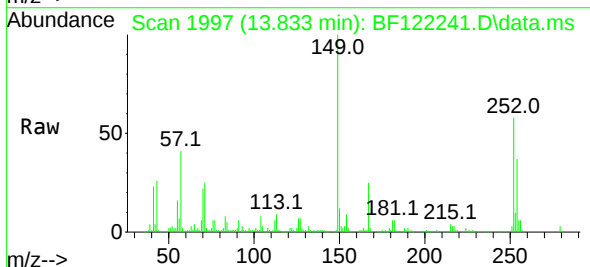
Instrument :
BNA_F
ClientSampleId :
12016MS

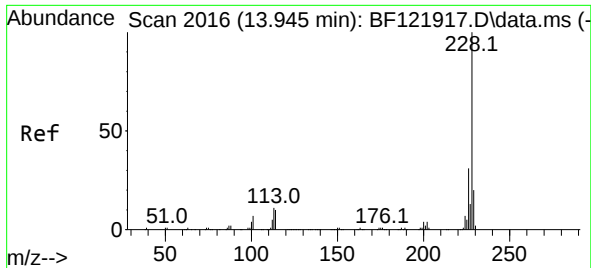
Tgt Ion:228 Resp: 578204
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 20.34 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:252 Resp: 99444
Ion Ratio Lower Upper
252 100
254 62.9 51.8 77.6
126 12.1 8.8 13.2

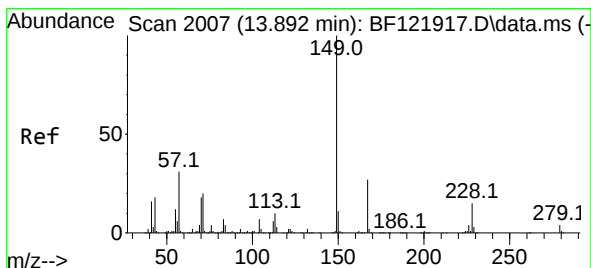
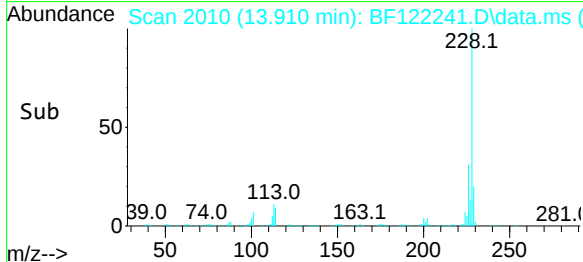
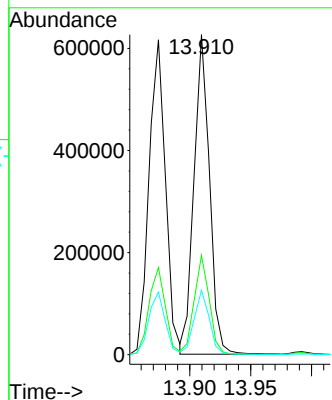
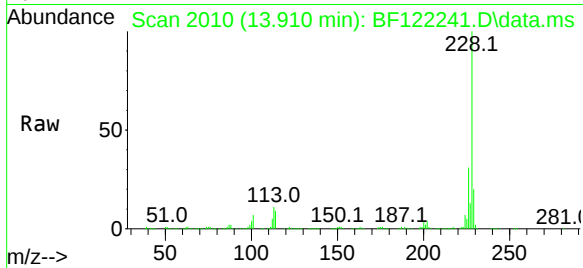




#83
Chrysene
Concen: 42.83 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

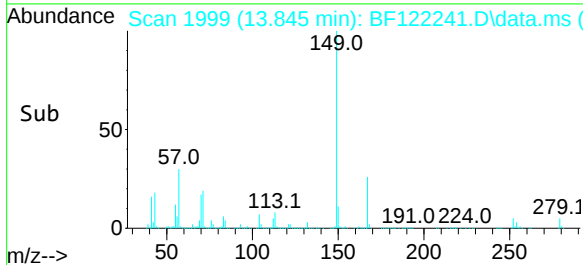
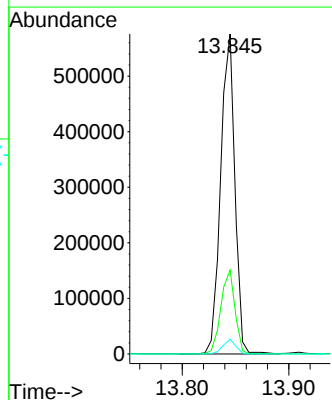
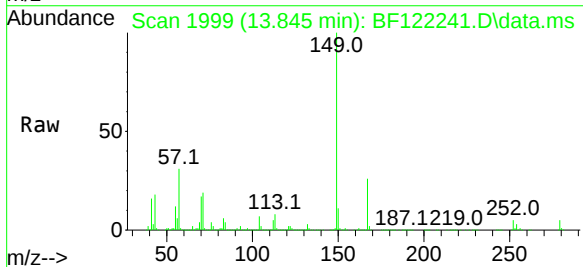
Instrument :
BNA_F
ClientSampleId :
12016MS

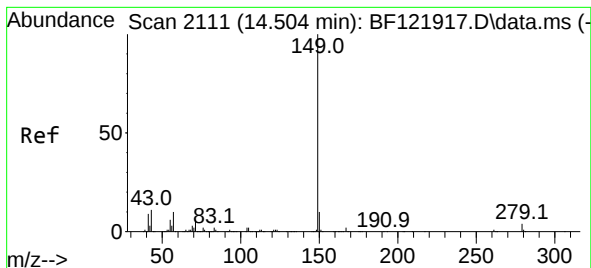
Tgt Ion:228 Resp: 554208
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.1 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 64.49 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:149 Resp: 532128
Ion Ratio Lower Upper
149 100
167 26.2 20.9 31.3
279 4.6 3.2 4.8

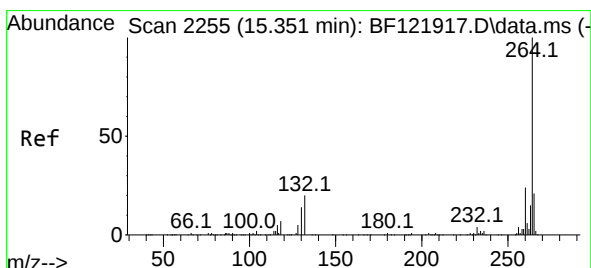
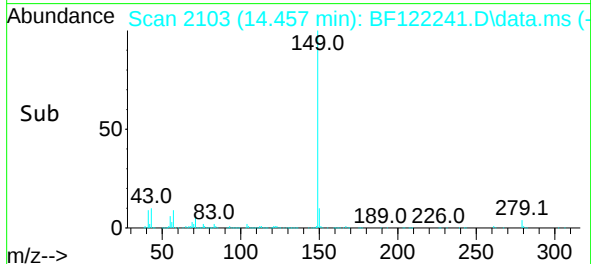
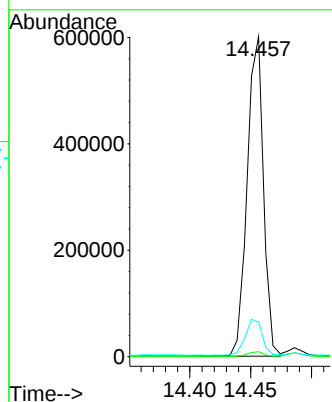
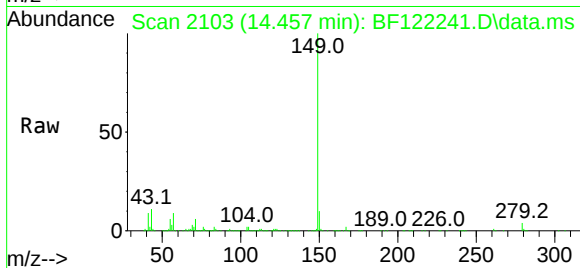




#85
Di-n-octyl phthalate
Concen: 41.96 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

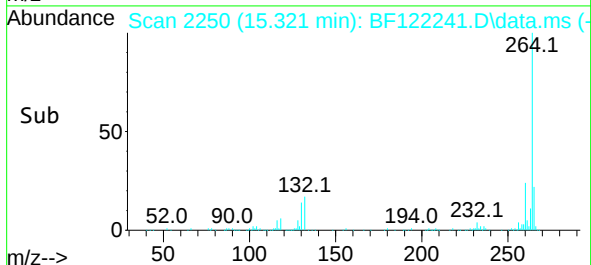
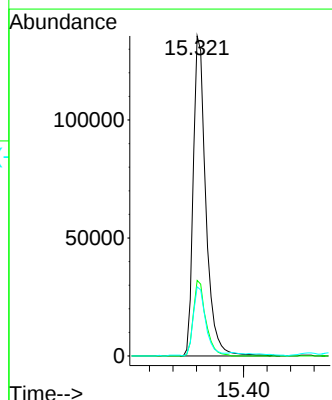
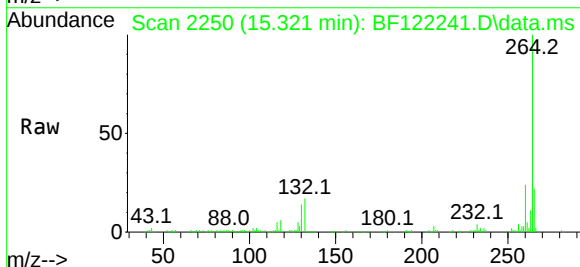
Instrument :
BNA_F
ClientSampleId :
12016MS

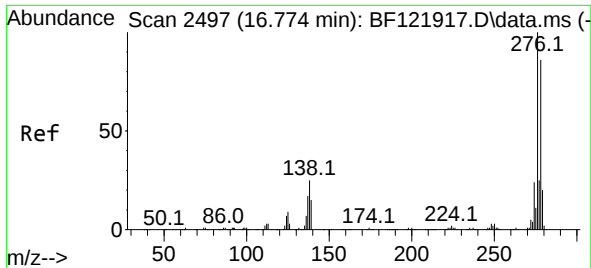
Tgt Ion:149 Resp: 560104
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:264 Resp: 201803
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.6 17.3 25.9

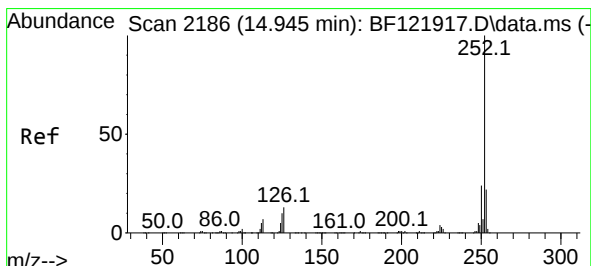
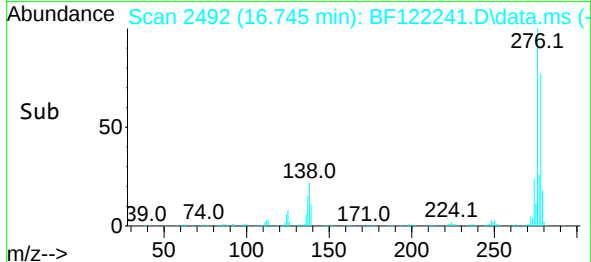
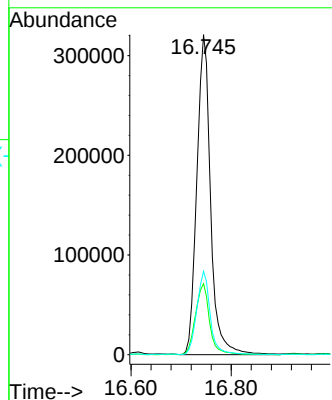
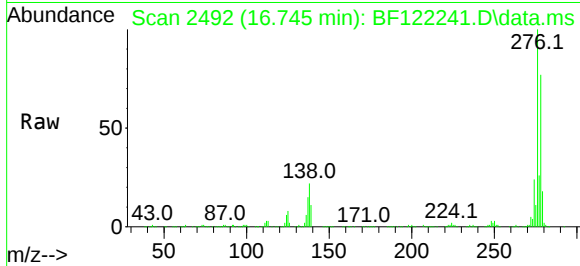




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.66 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

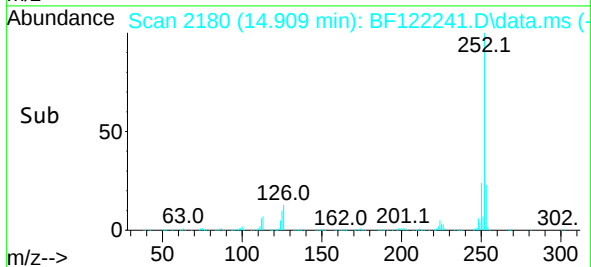
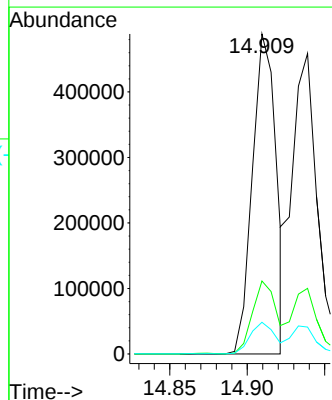
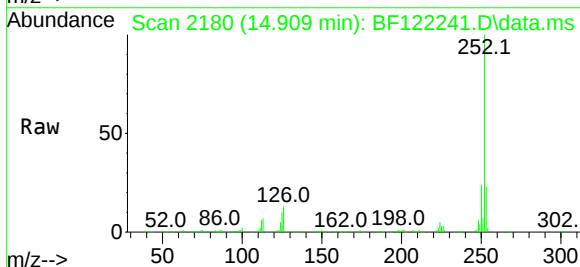
Instrument :
BNA_F
ClientSampleId :
12016MS

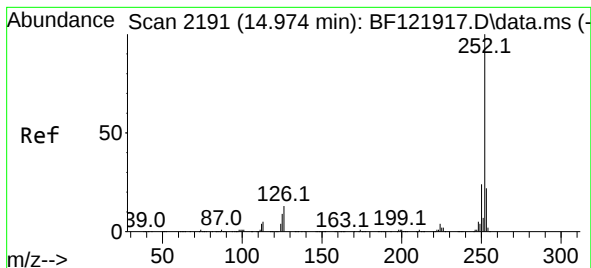
Tgt Ion:276 Resp: 611387
Ion Ratio Lower Upper
276 100
138 22.9 19.9 29.9
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 38.27 ng
RT: 14.909 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:252 Resp: 522000
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.94 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.012 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

Tgt Ion:252 Resp: 517591

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

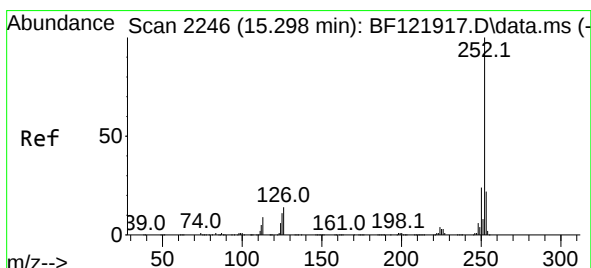
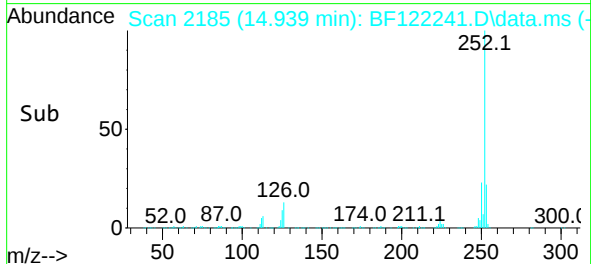
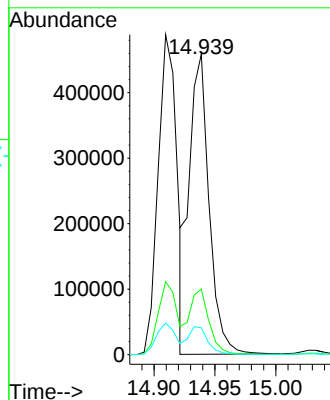
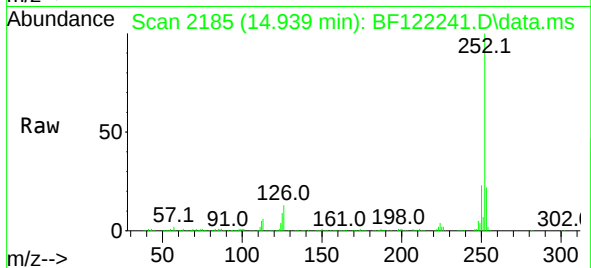
125 9.0 7.7 11.5

Instrument :

BNA_F

ClientSampleId :

12016MS



#90

Benzo(a)pyrene

Concen: 41.57 ng

RT: 15.262 min Scan# 2240

Delta R.T. 0.012 min

Lab File: BF122241.D

Acq: 3 Nov 2020 15:31

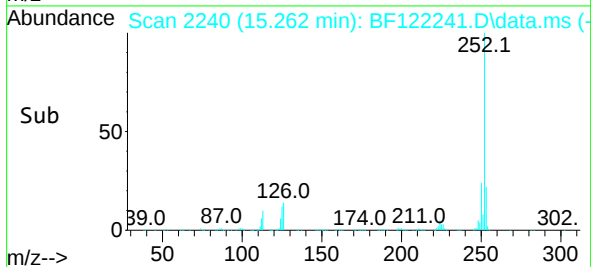
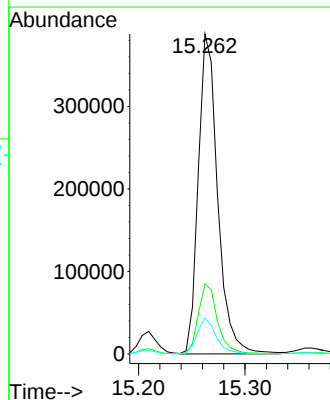
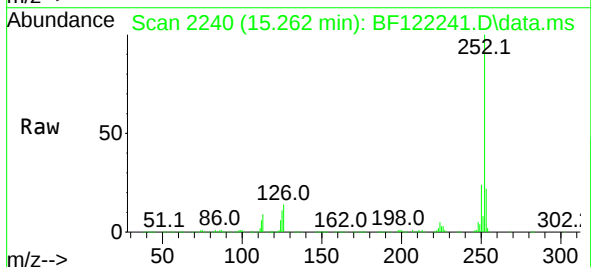
Tgt Ion:252 Resp: 489799

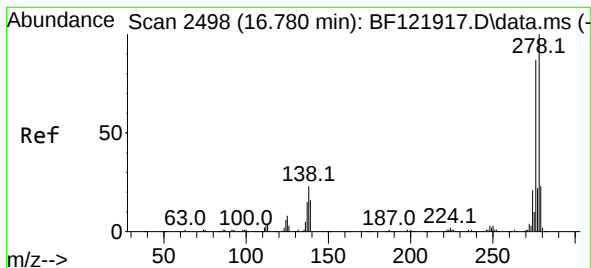
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.3 8.6 13.0

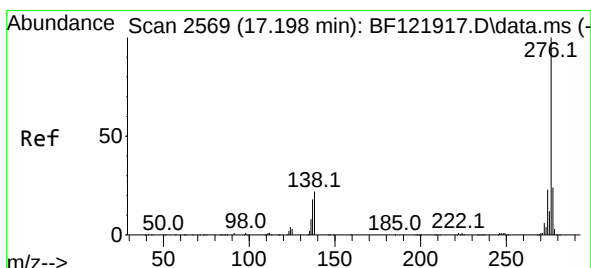
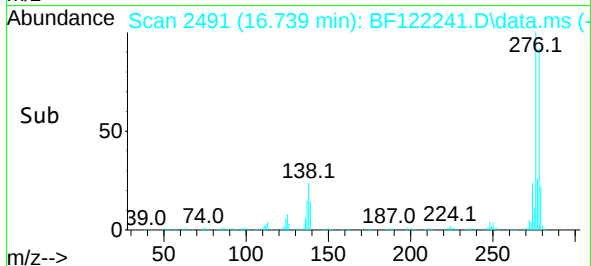
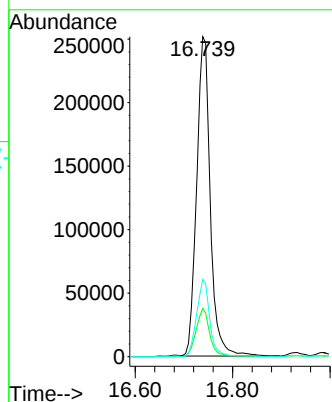
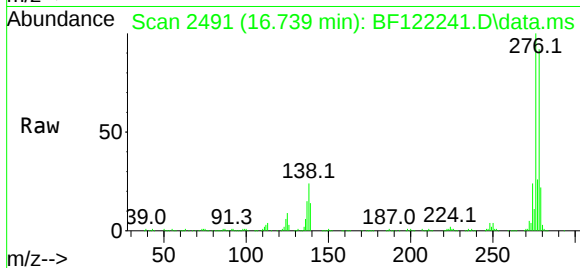




#91
Dibenzo(a,h)anthracene
Concen: 45.36 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
12016MS

Tgt Ion:278 Resp: 489372
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.08 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122241.D
Acq: 3 Nov 2020 15:31

Tgt Ion:276 Resp: 529923
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 20.2 17.8 26.6

