

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124021.D
 Acq On : 21 May 2021 16:41
 Operator : JU/CG
 Sample : M2366-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-AMS

Quant Time: May 21 17:12:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	47826	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	178121	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	101997	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	205560	20.00	ng	-0.01
76) Chrysene-d12	14.063	240	140650	20.00	ng	0.00
86) Perylene-d12	15.545	264	123010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	389199	114.26	ng	0.02
7) Phenol-d6	6.522	99	455714	103.13	ng	0.00
23) Nitrobenzene-d5	7.457	82	384244	92.94	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	195900	159.91	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	717327	86.55	ng	-0.01
79) Terphenyl-d14	13.004	244	937988	101.00	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.857	88	49961	33.40	ng	Qvalue # 73
3) Pyridine	3.557	79	109484	28.36	ng	91
4) n-Nitrosodimethylamine	3.499	42	100406	40.04	ng	89
6) Aniline	6.551	93	51613	10.29	ng	# 83
8) 2-Chlorophenol	6.675	128	146397	41.30	ng	98
9) Benzaldehyde	6.439	77	76887	40.21	ng	88
10) Phenol	6.534	94	177532	39.75	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	142235	40.98	ng	97
12) 1,3-Dichlorobenzene	6.834	146	138273	33.48	ng	95
13) 1,4-Dichlorobenzene	6.910	146	143583	33.98	ng	96
14) 1,2-Dichlorobenzene	7.063	146	142890	36.19	ng	97
15) Benzyl Alcohol	7.034	79	164090	42.99	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	276860	39.62	ng	97
17) 2-Methylphenol	7.145	107	124417	43.28	ng	92
18) Hexachloroethane	7.404	117	54510	34.81	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	128755	43.12	ng	95
20) 3+4-Methylphenols	7.298	107	161068	42.54	ng	# 80
22) Acetophenone	7.304	105	222848	44.06	ng	# 97
24) Nitrobenzene	7.475	77	182548	43.19	ng	99
25) Isophorone	7.716	82	330339	41.54	ng	97
26) 2-Nitrophenol	7.792	139	81387	51.18	ng	87
27) 2,4-Dimethylphenol	7.828	122	133729	43.92	ng	90
28) bis(2-Chloroethoxy)met...	7.922	93	186612	46.67	ng	98
29) 2,4-Dichlorophenol	8.034	162	133629	43.36	ng	91
30) 1,2,4-Trichlorobenzene	8.116	180	131616	37.98	ng	97
31) Naphthalene	8.198	128	417480	39.60	ng	100
32) Benzoic acid	7.945	122	84332	50.47	ng	95
33) 4-Chloroaniline	8.245	127	18586	4.63	ng	# 91
34) Hexachlorobutadiene	8.316	225	84181	37.11	ng	97
35) Caprolactam	8.616	113	22119	26.36	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	150502	44.65	ng	# 86
37) 2-Methylnaphthalene	8.886	142	302865	42.39	ng	96
38) 1-Methylnaphthalene	8.986	142	286130	42.92	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	156141	42.44	ng	98
41) Hexachlorocyclopentadiene	9.045	237	163164	69.73	ng	93
43) 2,4,6-Trichlorophenol	9.163	196	102798	43.07	ng	96

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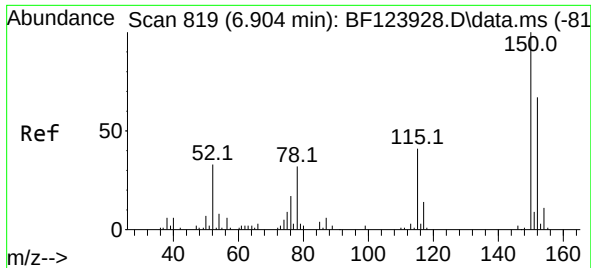
Quant Time: May 21 17:12:20 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	114867	46.32	ng	94
46) 1,1'-Biphenyl	9.351	154	394956	43.96	ng	97
47) 2-Chloronaphthalene	9.380	162	300011	42.05	ng	95
48) 2-Nitroaniline	9.469	65	126433	52.47	ng	89
49) Acenaphthylene	9.792	152	475187	45.07	ng	98
50) Dimethylphthalate	9.657	163	393244	48.28	ng	100
51) 2,6-Dinitrotoluene	9.716	165	83114	50.46	ng	# 82
52) Acenaphthene	9.969	154	300245	41.60	ng	93
53) 3-Nitroaniline	9.880	138	38854	23.74	ng	96
54) 2,4-Dinitrophenol	9.992	184	95633	105.46	ng	86
55) Dibenzofuran	10.139	168	461305	44.51	ng	98
56) 4-Nitrophenol	10.045	139	127171	93.92	ng	95
57) 2,4-Dinitrotoluene	10.122	165	116801	57.82	ng	93
58) Fluorene	10.480	166	361829	46.32	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.257	232	99600	48.84	ng	# 93
60) Diethylphthalate	10.351	149	401433	49.77	ng	97
61) 4-Chlorophenyl-phenyle...	10.475	204	183411	46.86	ng	90
62) 4-Nitroaniline	10.498	138	84272	51.76	ng	89
63) Azobenzene	10.633	77	405306	45.18	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	59307	45.15	ng	81
66) n-Nitrosodiphenylamine	10.592	169	322561	41.07	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	115383	42.71	ng	98
68) Hexachlorobenzene	11.033	284	132750	44.02	ng	# 92
69) Atrazine	11.122	200	118885	53.59	ng	96
70) Pentachlorophenol	11.222	266	156201	87.36	ng	96
71) Phenanthrene	11.445	178	559893	42.98	ng	97
72) Anthracene	11.498	178	563530	42.69	ng	99
73) Carbazole	11.651	167	478853	41.46	ng	97
74) Di-n-butylphthalate	11.980	149	675938	46.76	ng	99
75) Fluoranthene	12.633	202	593810	44.02	ng	99
77) Benzidine	13.010	184	14953	4.41	ng	99
78) Pyrene	12.863	202	593022	47.49	ng	99
80) Butylbenzylphthalate	13.480	149	253406	51.75	ng	98
81) Benzo(a)anthracene	14.051	228	442436	43.50	ng	97
82) 3,3'-Dichlorobenzidine	14.010	252	61411	19.43	ng	99
83) Chrysene	14.092	228	436966	44.66	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	354974	51.37	ng	97
85) Di-n-octyl phthalate	14.657	149	515243	49.33	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	413280	43.50	ng	96
88) Benzo(b)fluoranthene	15.115	252	401463	42.19	ng	100
89) Benzo(k)fluoranthene	15.145	252	378345	43.63	ng	98
90) Benzo(a)pyrene	15.486	252	361511	43.95	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	344200	43.02	ng	# 96
92) Benzo(g,h,i)perylene	17.509	276	339660	42.33	ng	97

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

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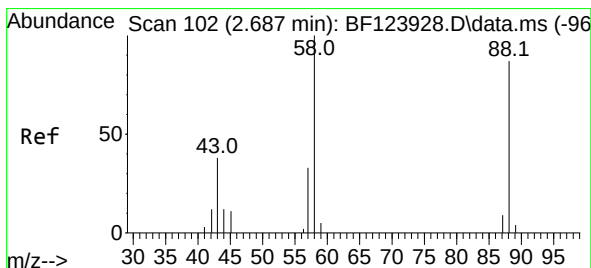
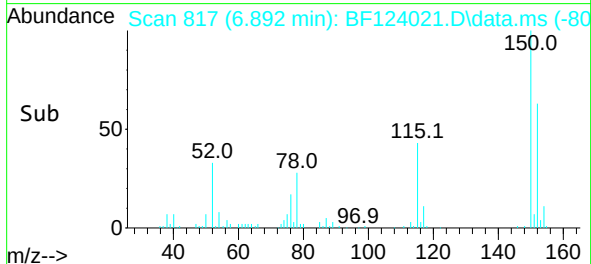
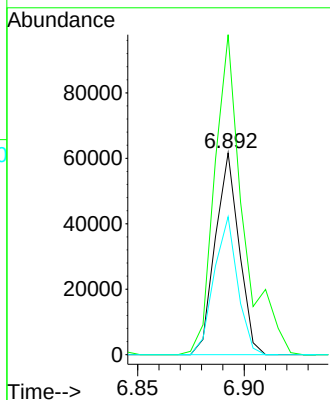
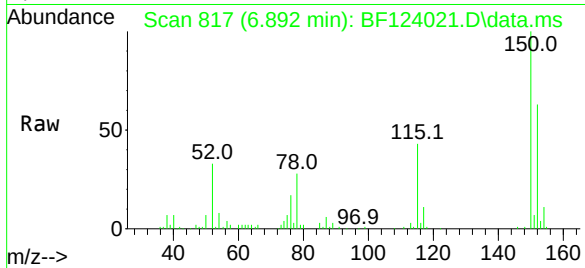




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41

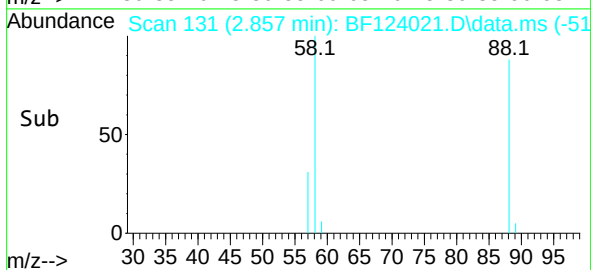
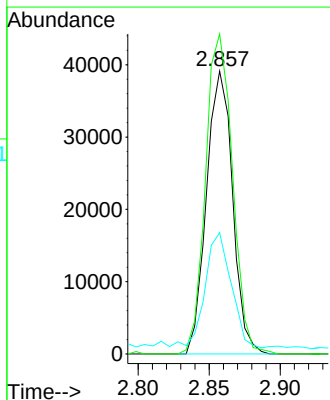
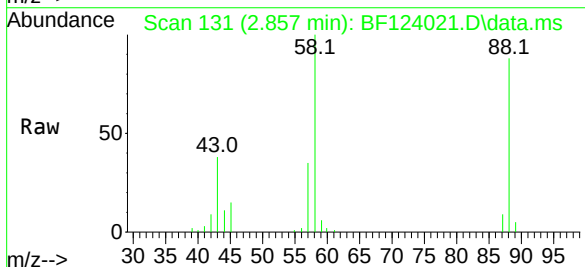
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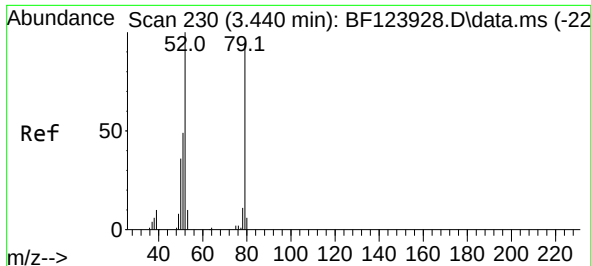
Tgt Ion:152 Resp: 47826
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 68.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 33.40 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.171 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41

Tgt Ion: 88 Resp: 49961
 Ion Ratio Lower Upper
 88 100
 58 116.9 83.8 125.8
 43 0.0 32.2 48.4#

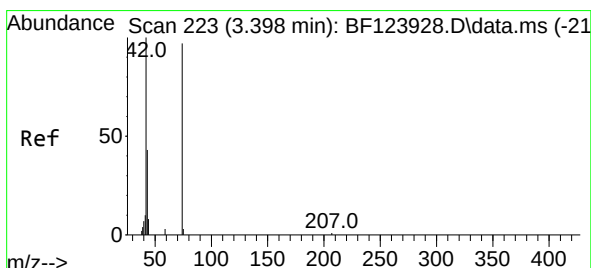
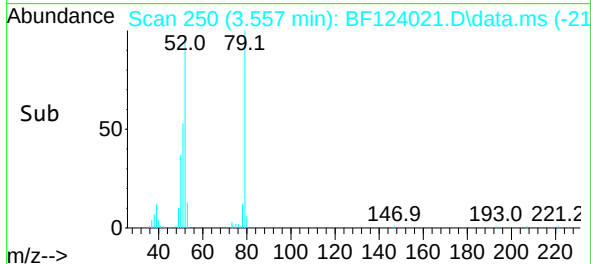
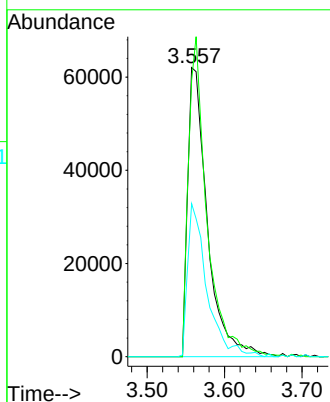
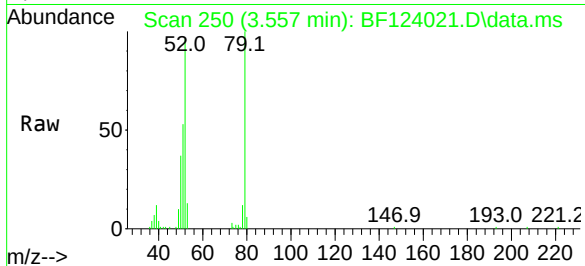




#3
Pyridine
Concen: 28.36 ng
RT: 3.557 min Scan# 250
Delta R.T. 0.118 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

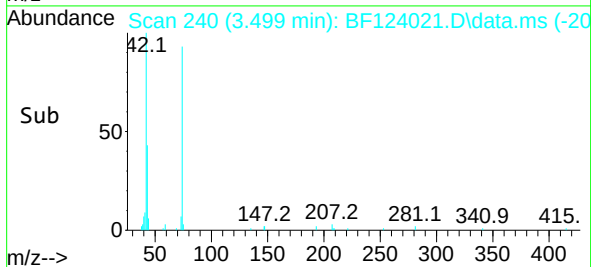
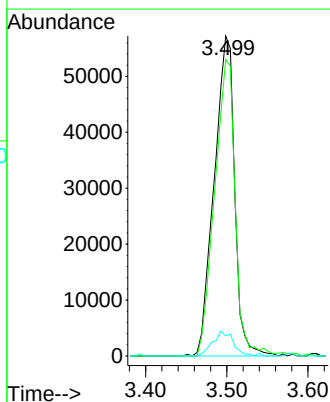
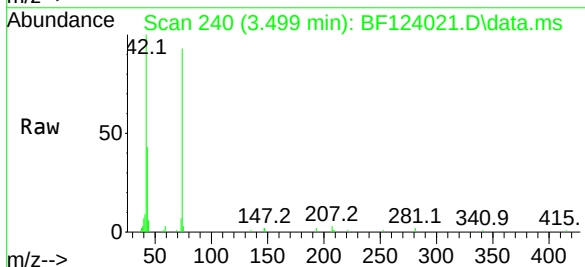
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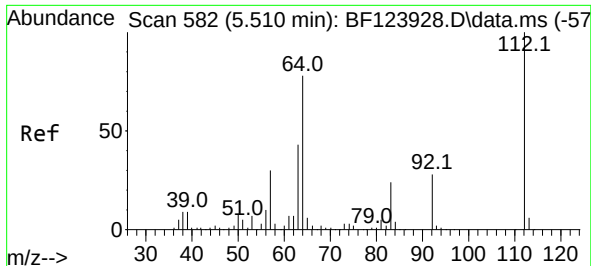
Tgt Ion: 79 Resp: 109484
Ion Ratio Lower Upper
79 100
52 95.6 87.4 131.0
51 52.9 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 40.04 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.100 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 42 Resp: 100406
Ion Ratio Lower Upper
42 100
74 92.6 83.5 125.3
44 6.3 5.7 8.5

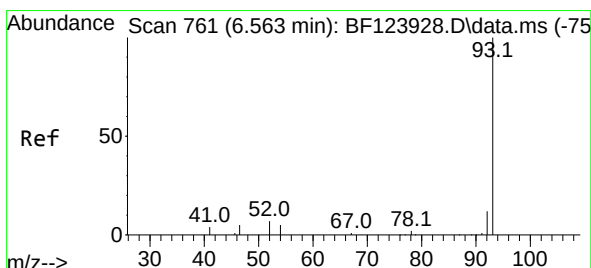
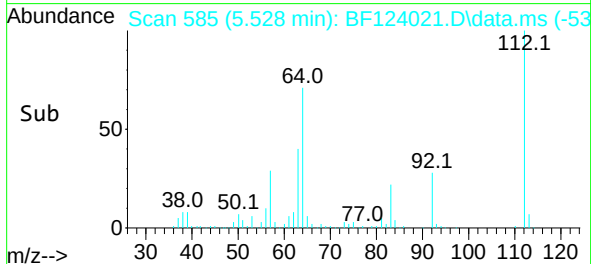
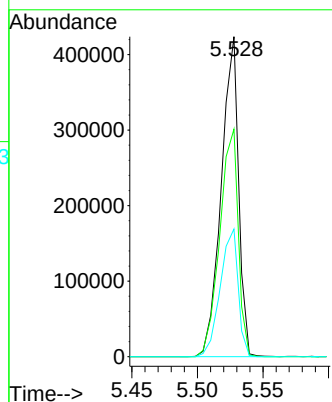
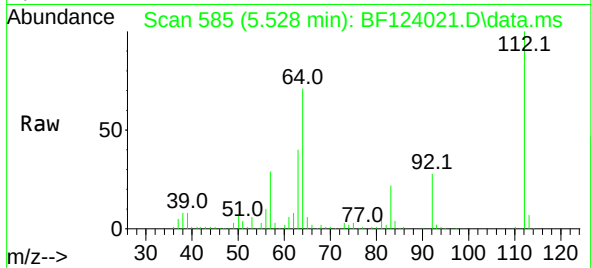




#5
2-Fluorophenol
Concen: 114.26 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

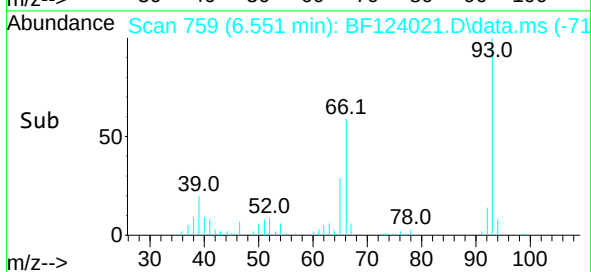
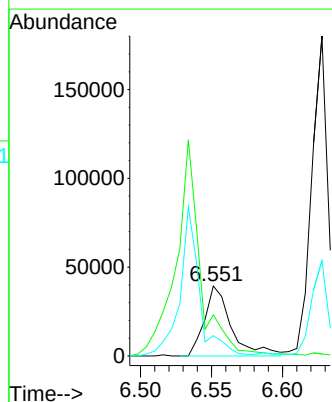
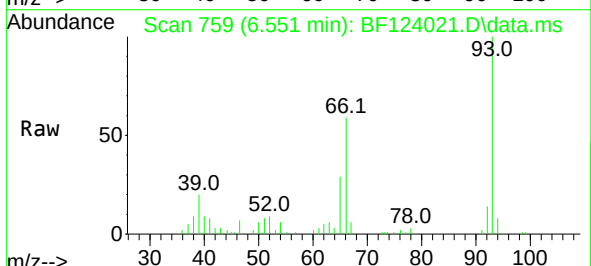
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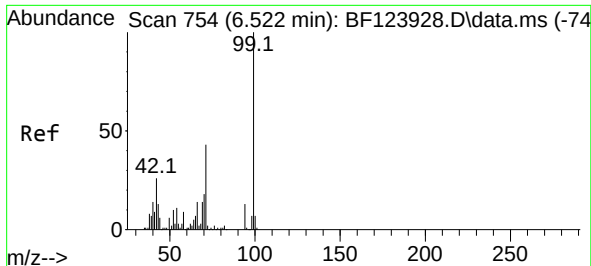
Tgt Ion:112 Resp: 389199
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 39.9 33.0 49.4



#6
Aniline
Concen: 10.29 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 93 Resp: 51613
Ion Ratio Lower Upper
93 100
66 58.8 36.4 54.6#
65 29.2 19.4 29.0#

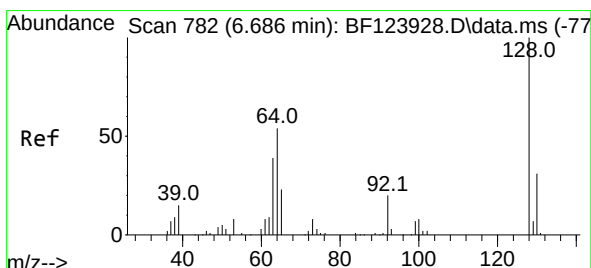
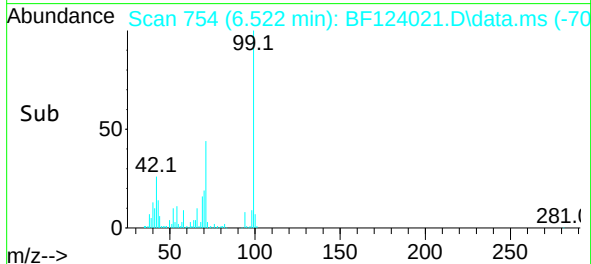
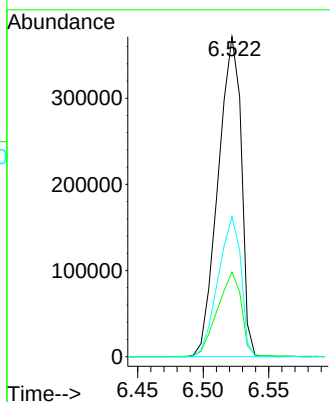
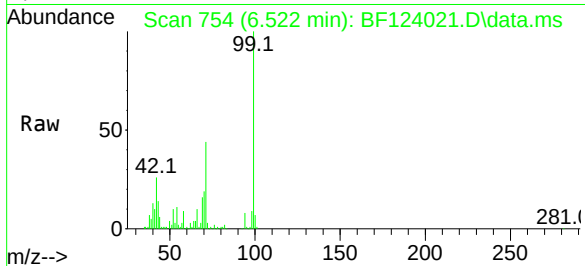




#7
Phenol-d6
Concen: 103.13 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

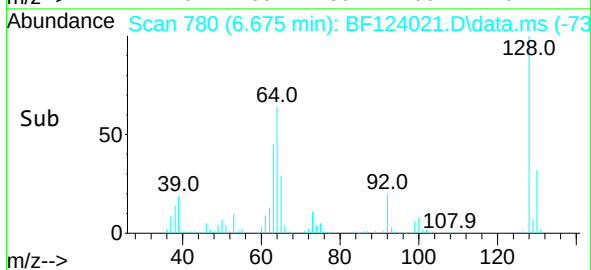
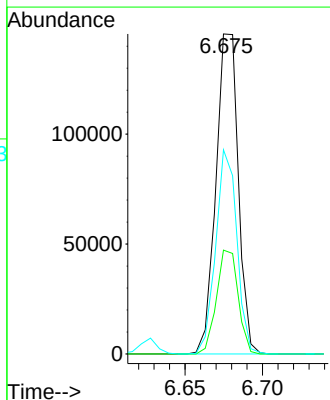
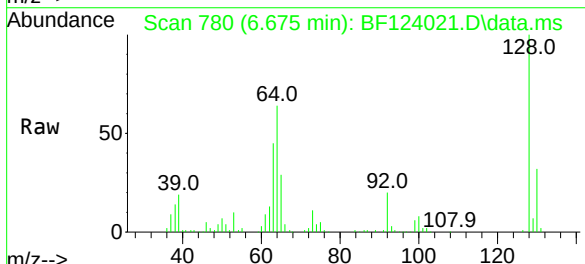
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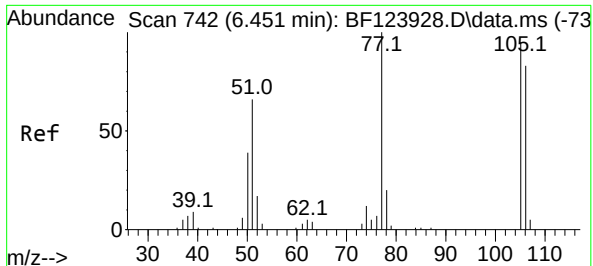
Tgt Ion: 99 Resp: 455714
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 43.8 31.1 46.7



#8
2-Chlorophenol
Concen: 41.30 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

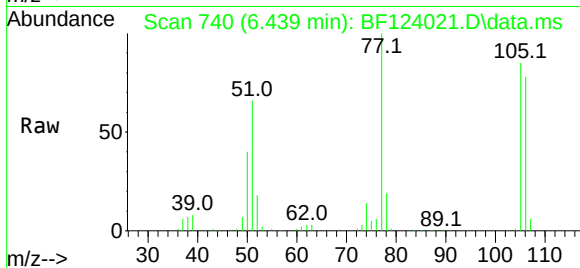
Tgt Ion:128 Resp: 146397
Ion Ratio Lower Upper
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130 32.5 12.6 52.6
64 63.8 41.5 81.5



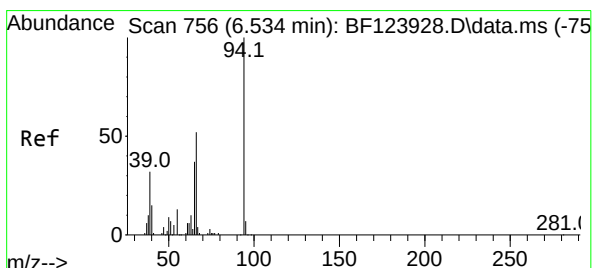
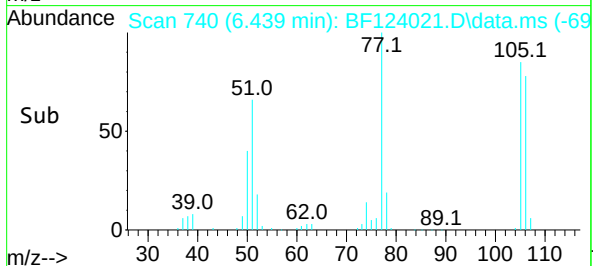
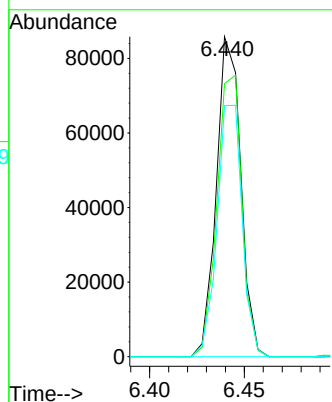


#9
Benzaldehyde
Concen: 40.21 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
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ClientSampleId :
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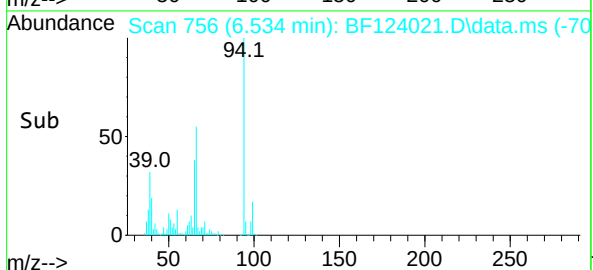
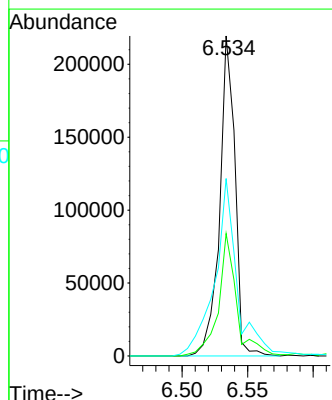
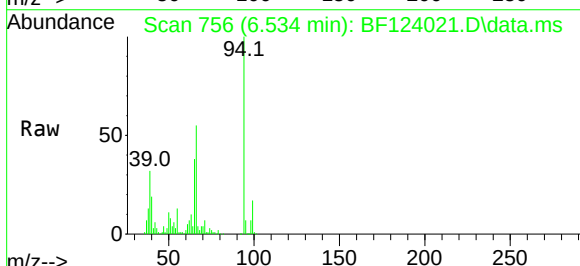


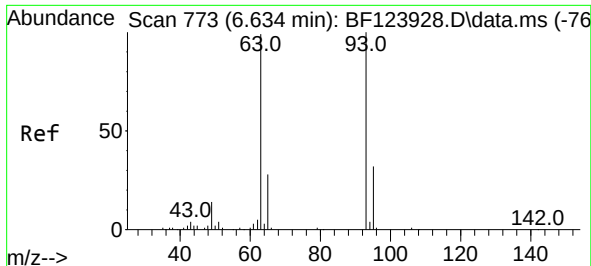
Tgt Ion:	77	Resp:	76887
Ion	Ratio	Lower	Upper
77	100		
105	85.3	75.2	115.2
106	78.5	71.6	111.6



#10
Phenol
Concen: 39.75 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

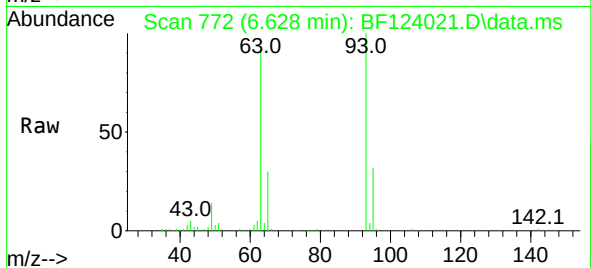
Tgt Ion:	94	Resp:	177532
Ion	Ratio	Lower	Upper
94	100		
65	38.2	18.1	58.1
66	55.5	29.0	69.0



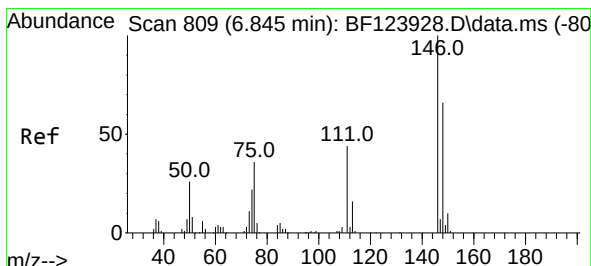
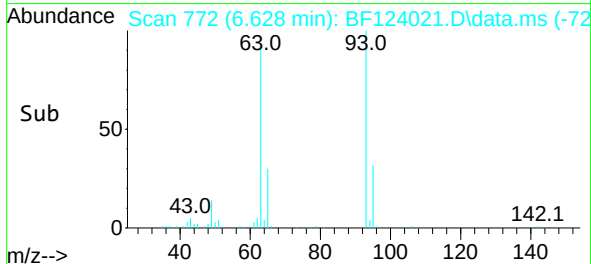
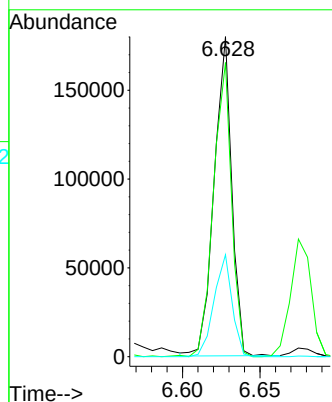


#11
bis(2-Chloroethyl)ether
Concen: 40.98 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

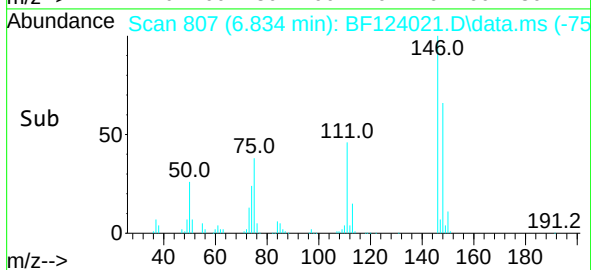
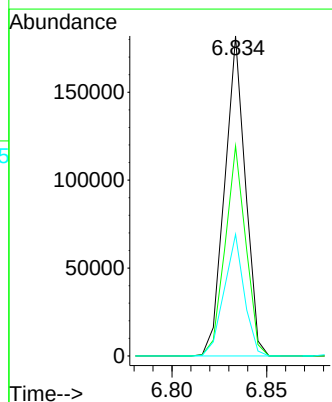
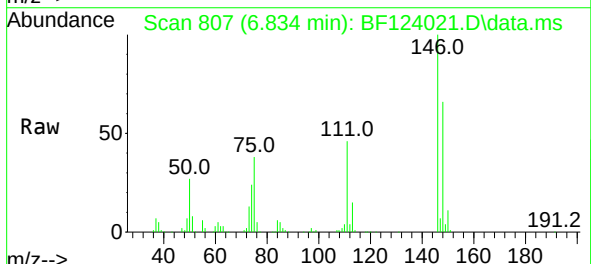


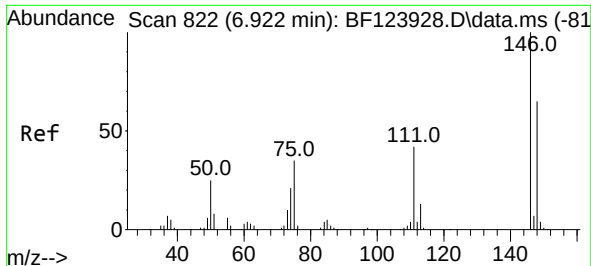
Tgt Ion: 93 Resp: 142235
Ion Ratio Lower Upper
93 100
63 91.9 76.1 116.1
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 33.48 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 146 Resp: 138273
Ion Ratio Lower Upper
146 100
148 65.6 50.9 76.3
75 38.0 34.2 51.4

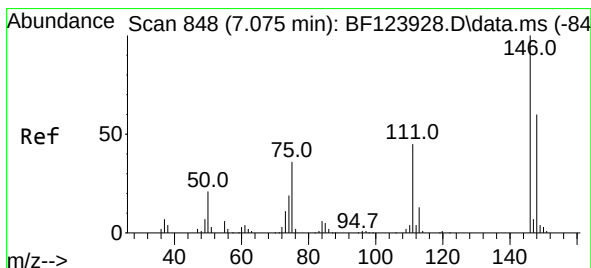
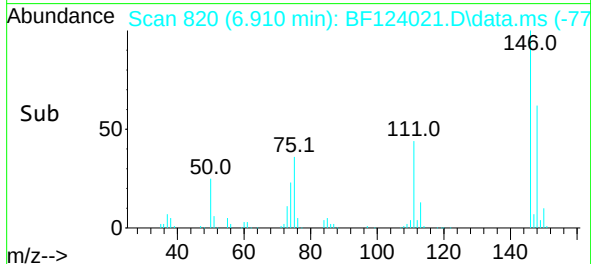
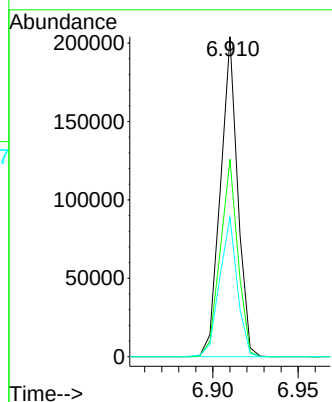
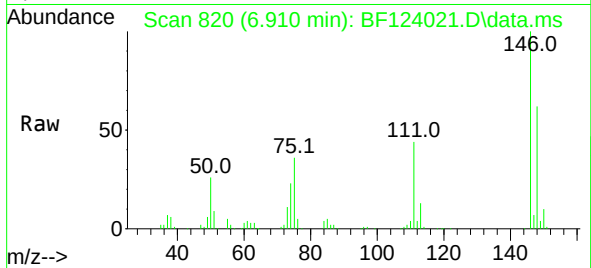




#13
1,4-Dichlorobenzene
Concen: 33.98 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

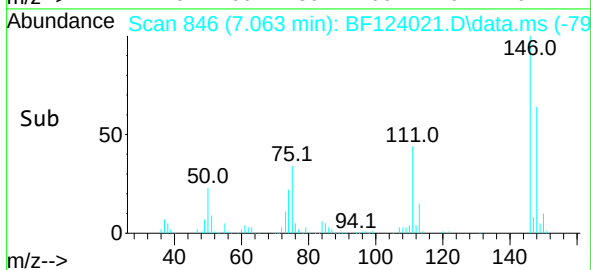
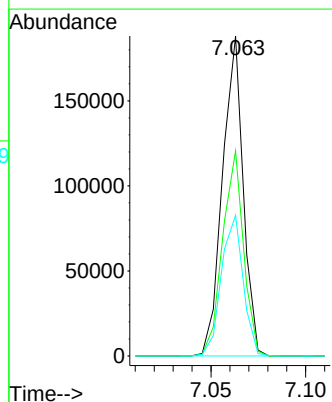
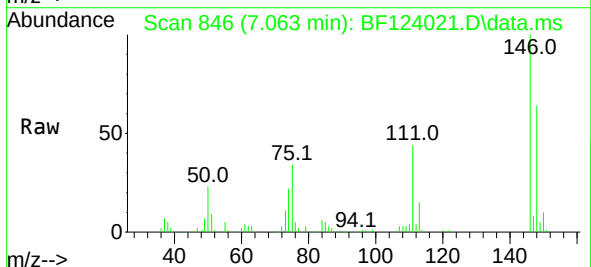
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

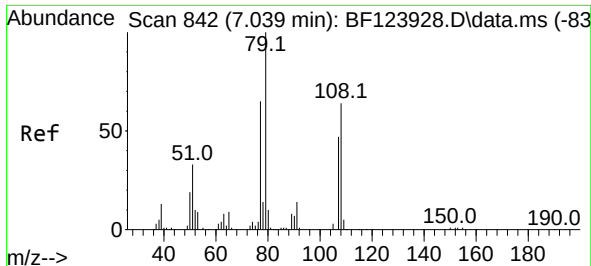
Tgt Ion:146 Resp: 143583
Ion Ratio Lower Upper
146 100
148 61.7 49.9 74.9
111 43.6 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 36.19 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:146 Resp: 142890
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 43.9 38.4 57.6





#15

Benzyl Alcohol

Concen: 42.99 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

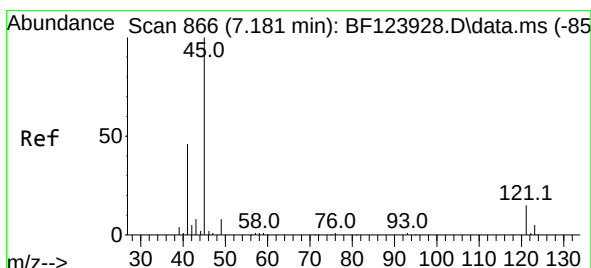
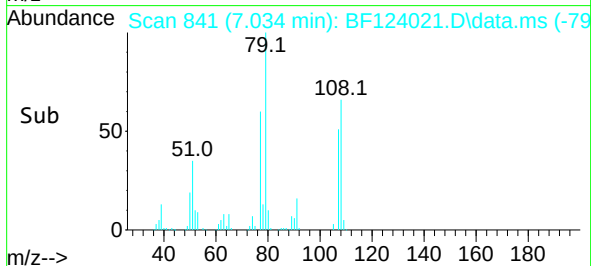
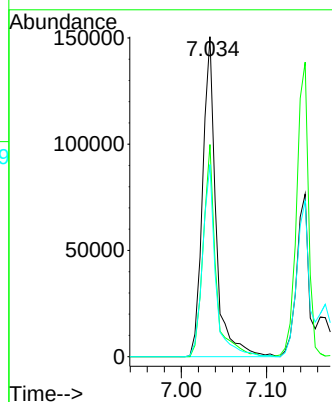
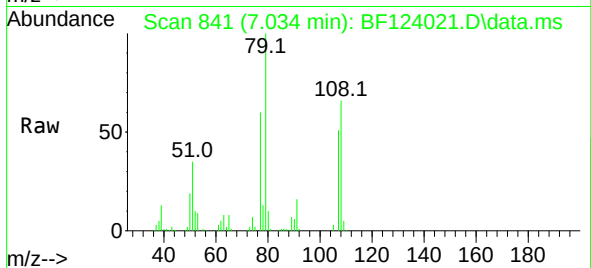
Tgt Ion:	79	Resp:	164090
Ion	Ratio	Lower	Upper
79	100		
108	66.3	55.8	83.8
77	60.1	49.9	74.9

Instrument :

BNA_F

ClientSampleId :

JG-SPOILS-5-11-21-AMS



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

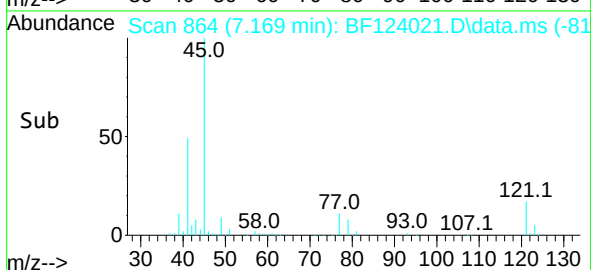
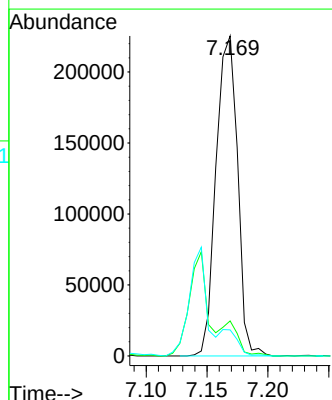
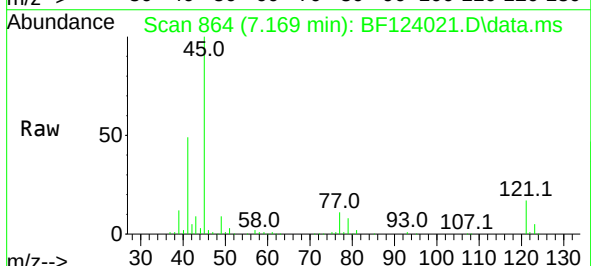
RT: 7.169 min Scan# 864

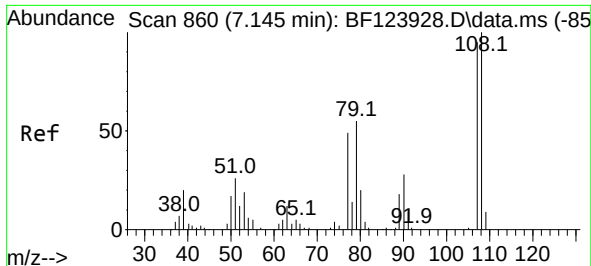
Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

Tgt Ion:	45	Resp:	276860
Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.0
79	8.2	0.0	27.3





#17

2-Methylphenol

Concen: 43.28 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

Tgt Ion:107 Resp: 124417

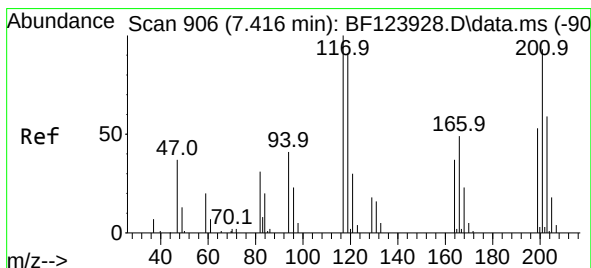
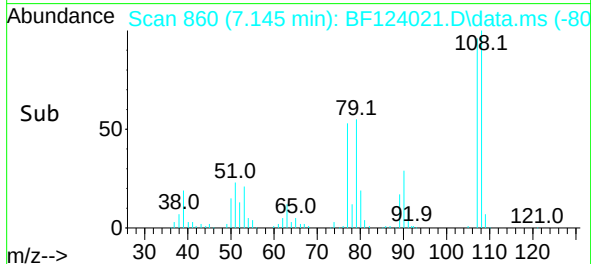
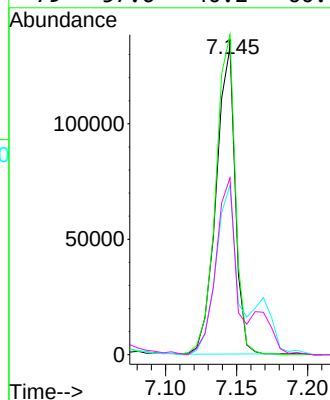
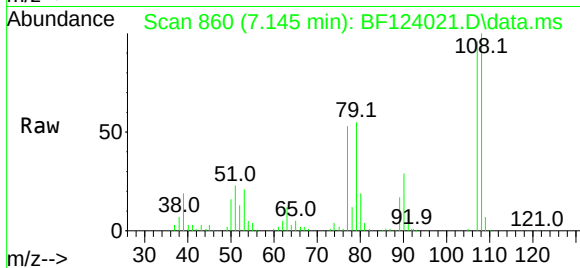
Ion Ratio Lower Upper

107 100

108 104.2 89.8 134.8

77 55.1 40.9 61.3

79 57.6 40.2 60.4



#18

Hexachloroethane

Concen: 34.81 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

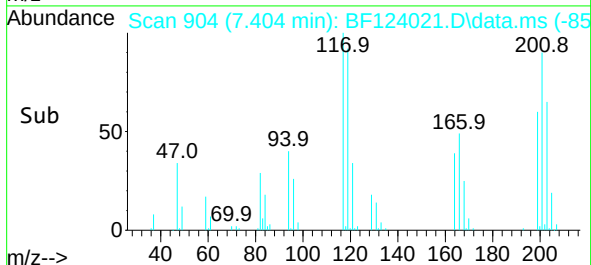
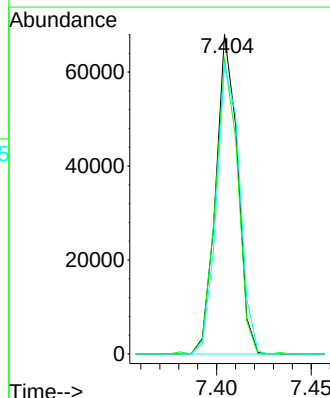
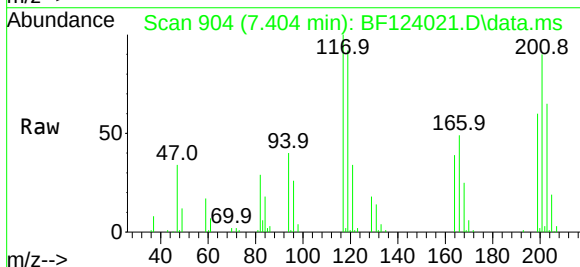
Tgt Ion:117 Resp: 54510

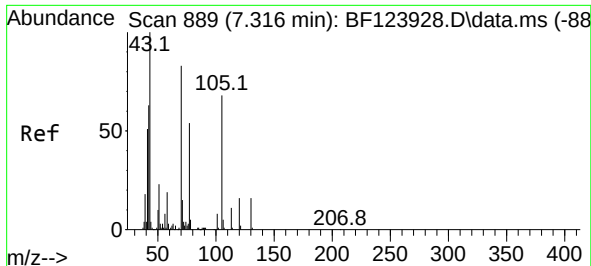
Ion Ratio Lower Upper

117 100

119 92.1 77.8 116.8

201 90.2 67.8 101.8





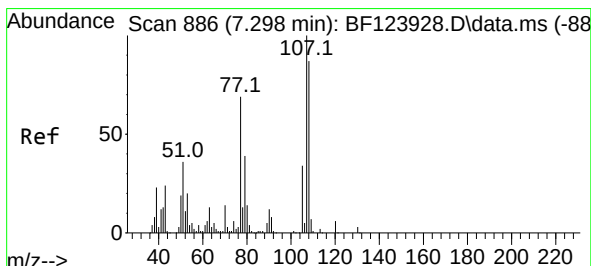
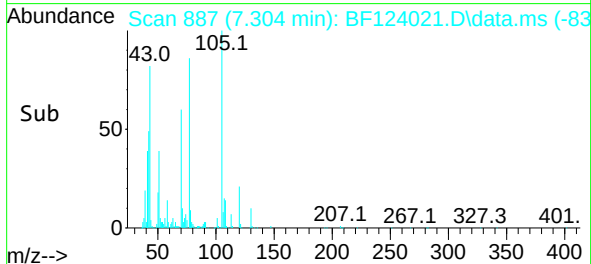
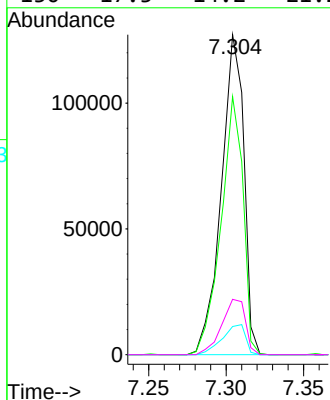
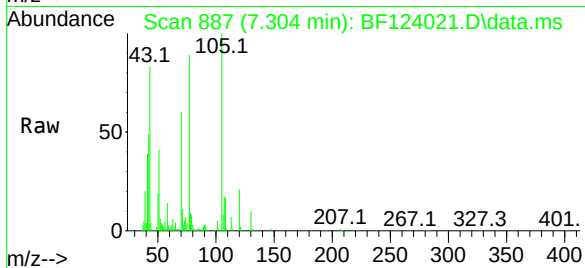
#19

n-Nitroso-di-n-propylamine
Concen: 43.12 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

Tgt Ion: 70 Resp: 128755

Ion	Ratio	Lower	Upper
70	100		
42	80.6	60.1	90.1
101	8.8	7.4	11.2
130	17.3	14.2	21.2

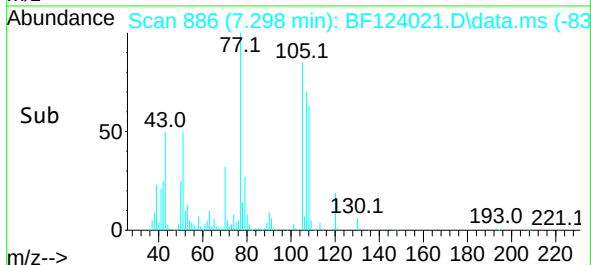
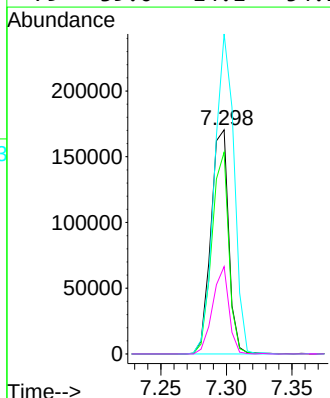
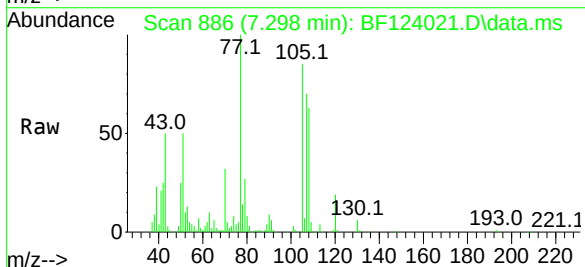


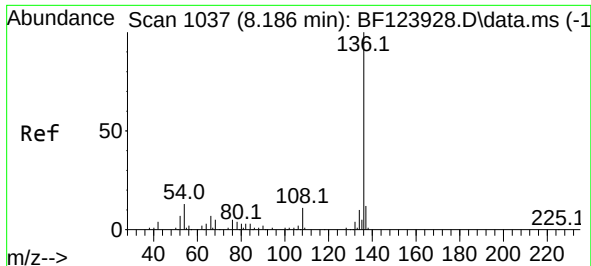
#20

3+4-Methylphenols
Concen: 42.54 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 107 Resp: 161068

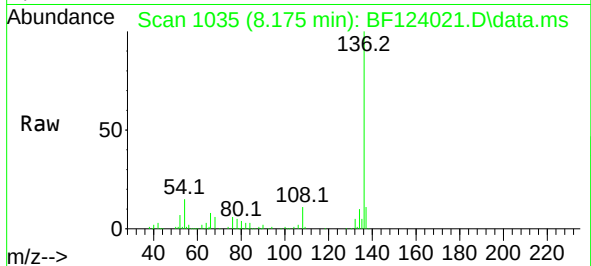
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.5	111.5
77	142.7	82.0	122.0#
79	39.0	14.1	54.1



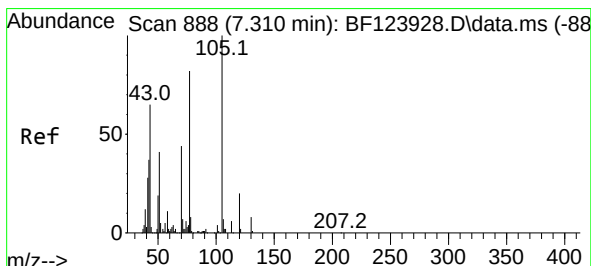
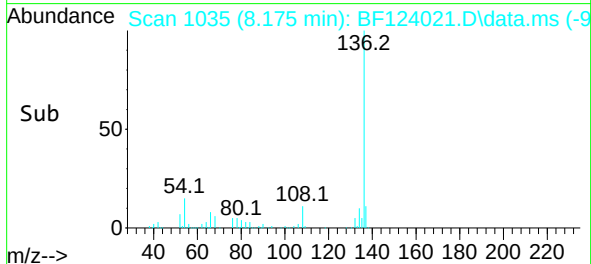
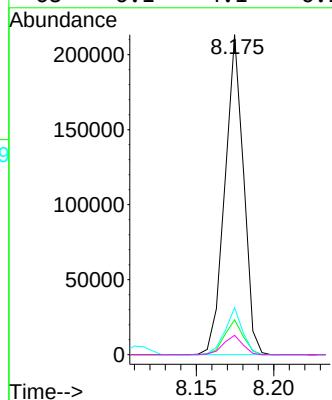


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

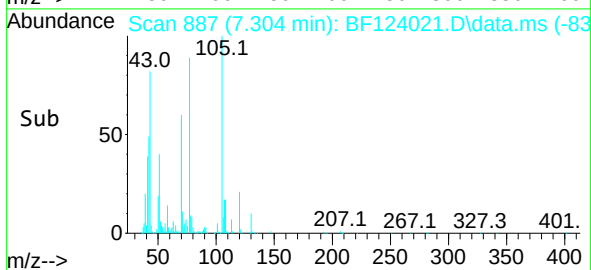
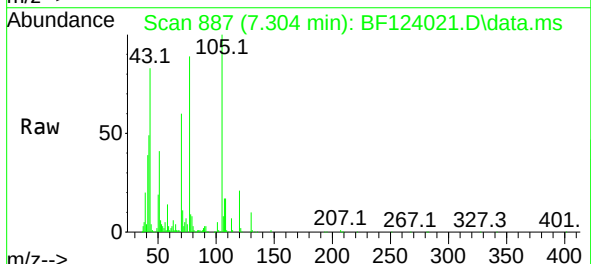
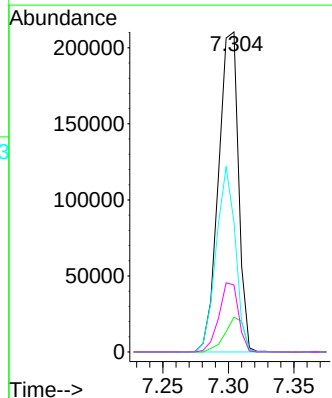


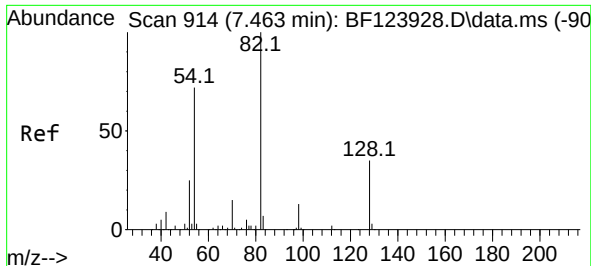
Tgt Ion:136 Resp: 178121
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 14.7 9.8 14.6#
68 6.1 4.1 6.1



#22
Acetophenone
Concen: 44.06 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:105 Resp: 222848
Ion Ratio Lower Upper
105 100
71 10.8 4.2 6.4#
51 40.7 33.6 50.4
120 20.9 16.3 24.5

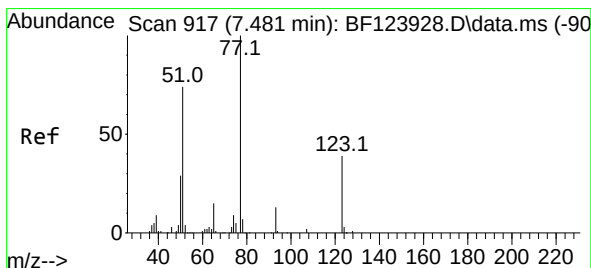
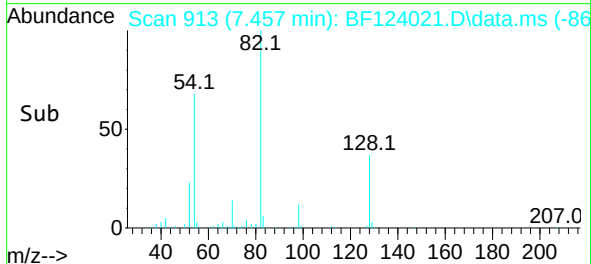
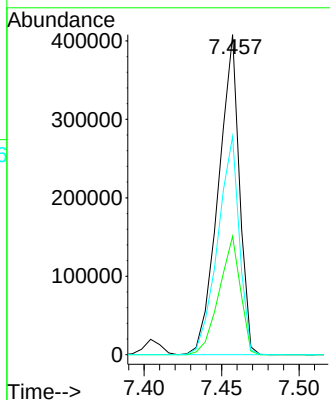
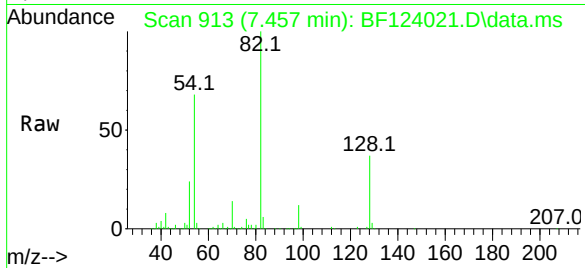




#23
Nitrobenzene-d5
Concen: 92.94 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

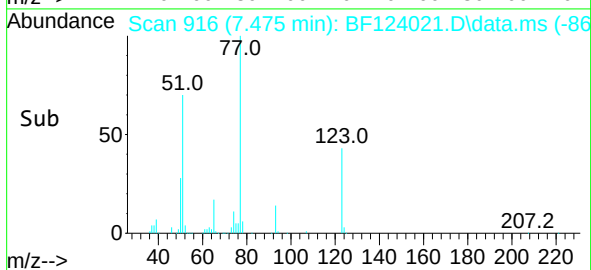
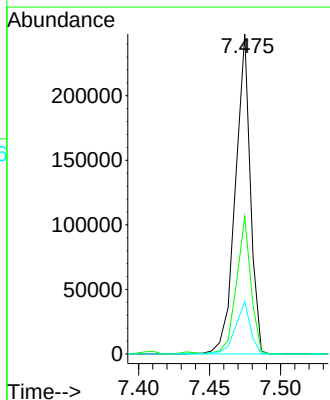
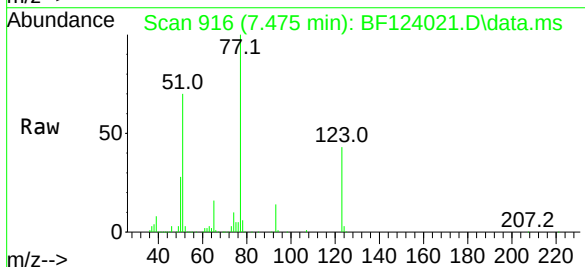
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

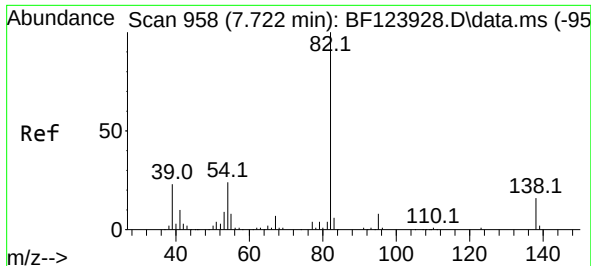
Tgt Ion: 82 Resp: 384244
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 68.2 54.1 81.1



#24
Nitrobenzene
Concen: 43.19 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 77 Resp: 182548
Ion Ratio Lower Upper
77 100
123 43.0 34.5 51.7
65 16.4 12.2 18.2

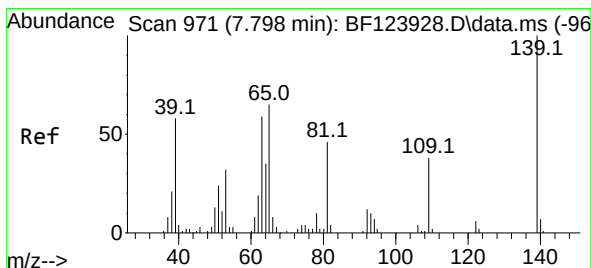
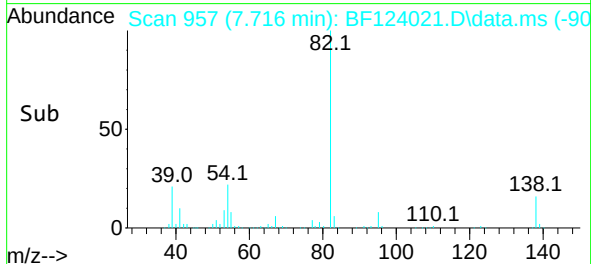
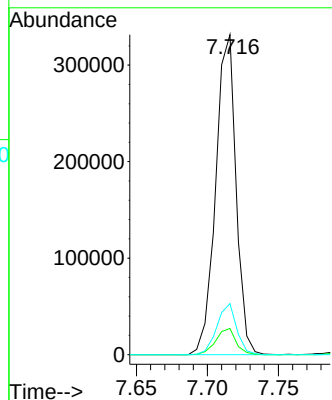
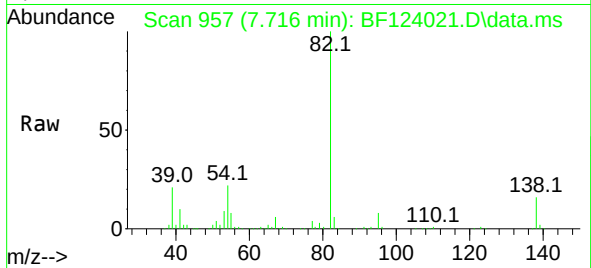




#25
Isophorone
Concen: 41.54 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

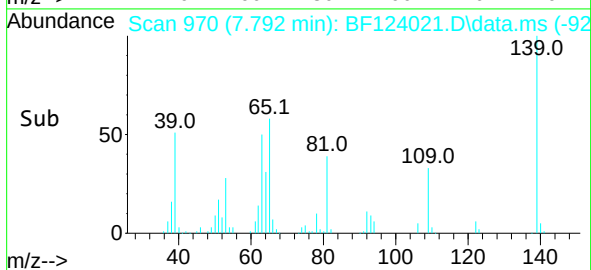
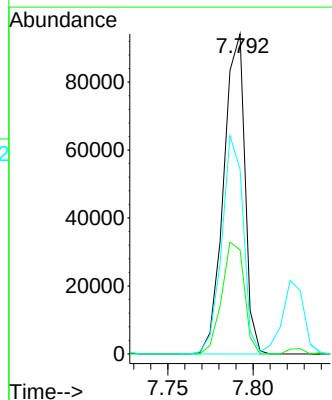
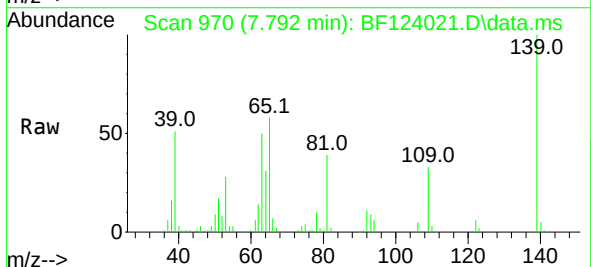
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

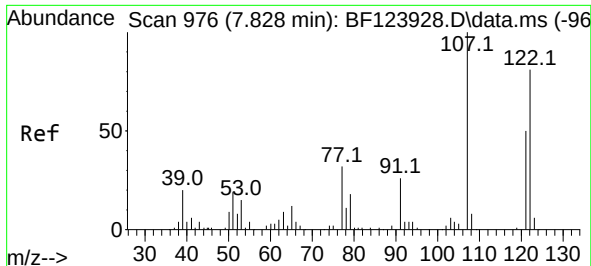
Tgt Ion: 82 Resp: 330339
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 51.18 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:139 Resp: 81387
Ion Ratio Lower Upper
139 100
109 32.6 28.6 43.0
65 57.7 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 43.92 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

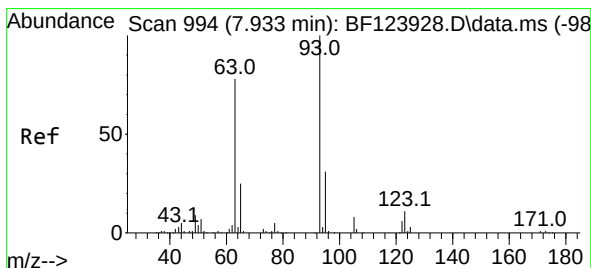
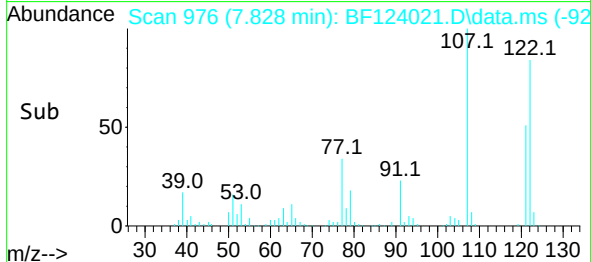
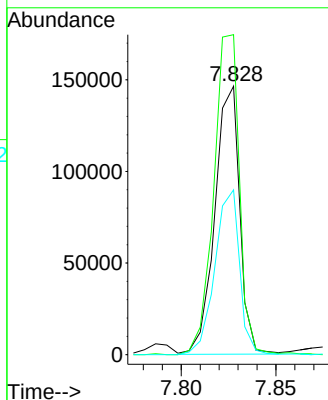
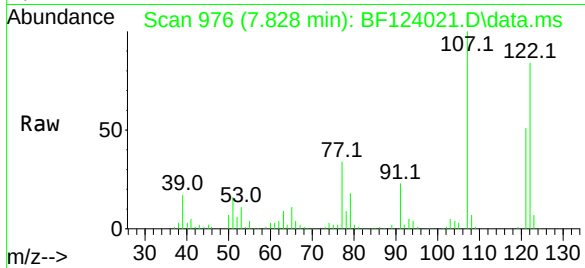
Tgt Ion:122 Resp: 133729

Ion Ratio Lower Upper

122 100

107 119.2 106.3 159.5

121 61.4 45.4 68.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.67 ng

RT: 7.922 min Scan# 992

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

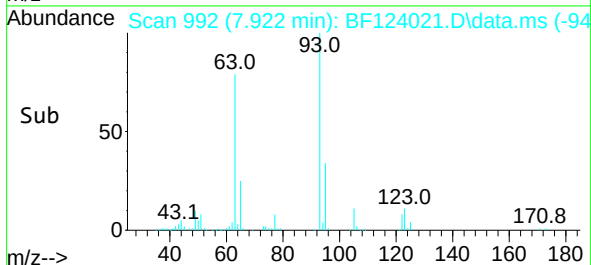
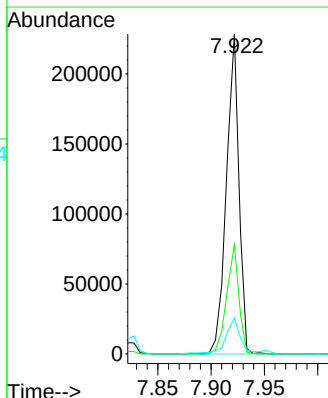
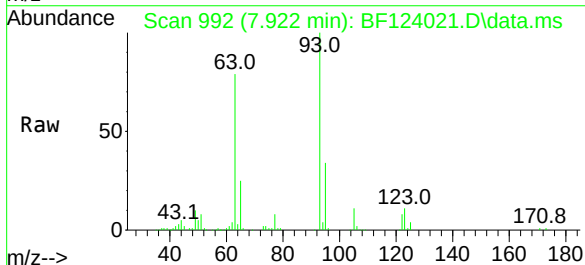
Tgt Ion: 93 Resp: 186612

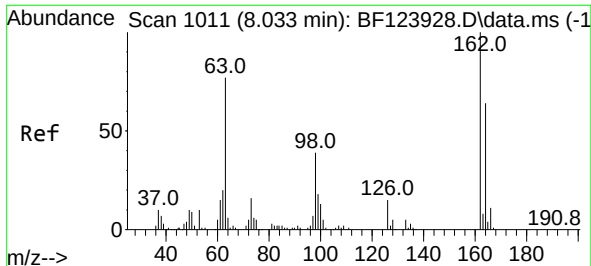
Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

123 11.2 8.4 12.6

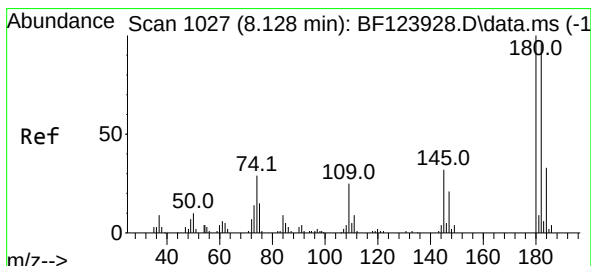
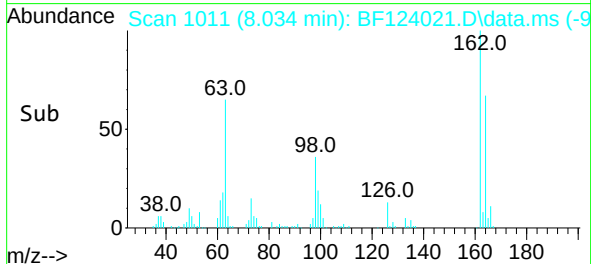
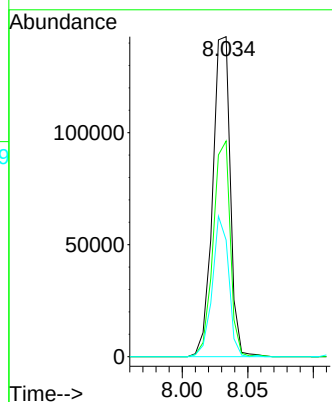
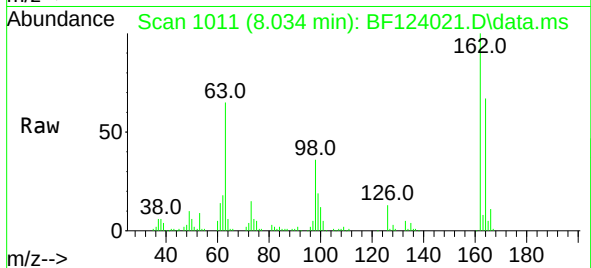




#29
2,4-Dichlorophenol
Concen: 43.36 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

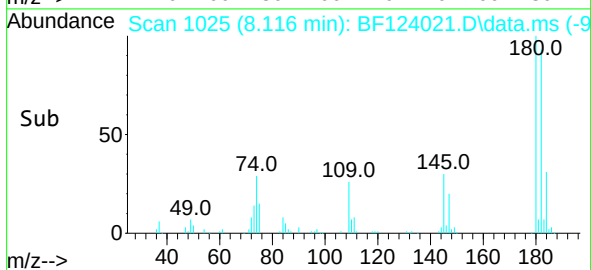
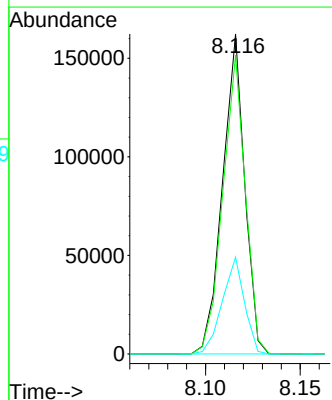
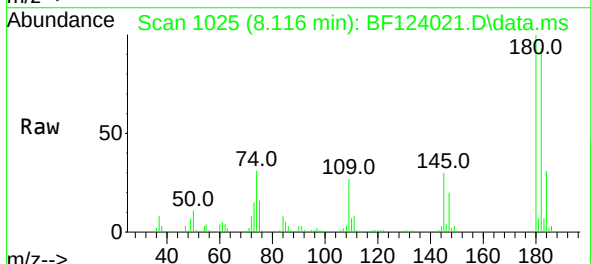
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

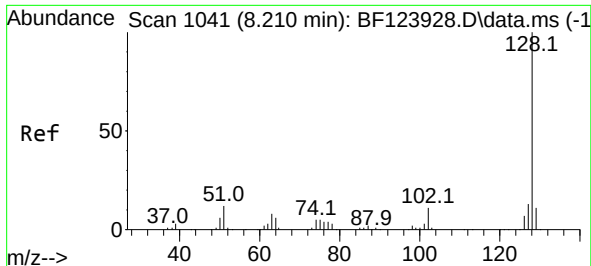
Tgt Ion:162 Resp: 133629
Ion Ratio Lower Upper
162 100
164 67.4 44.1 84.1
98 36.4 27.3 67.3



#30
1,2,4-Trichlorobenzene
Concen: 37.98 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:180 Resp: 131616
Ion Ratio Lower Upper
180 100
182 93.4 77.2 115.8
145 30.3 26.0 39.0

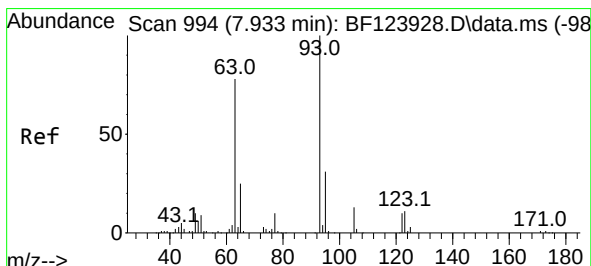
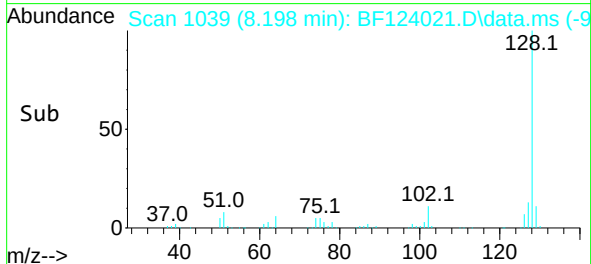
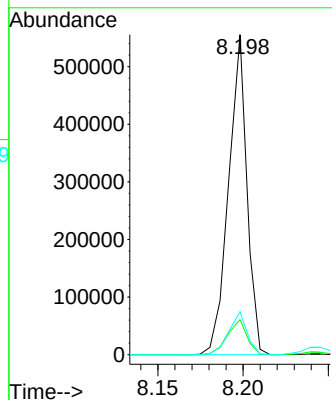
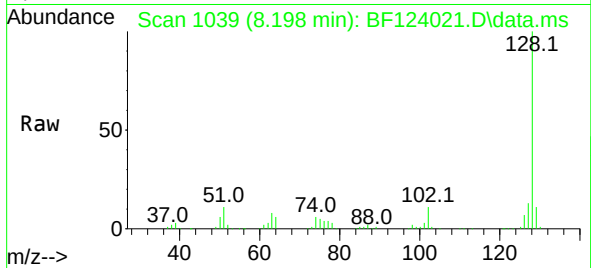




#31
Naphthalene
Concen: 39.60 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

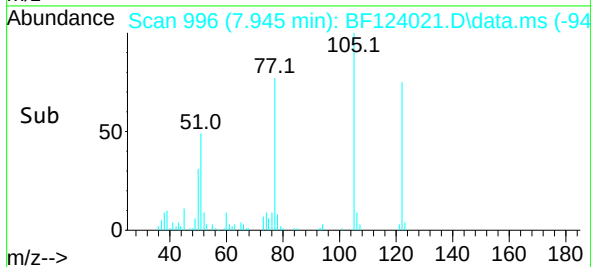
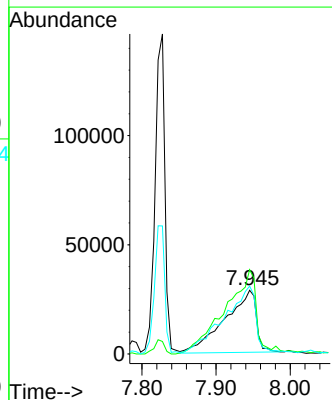
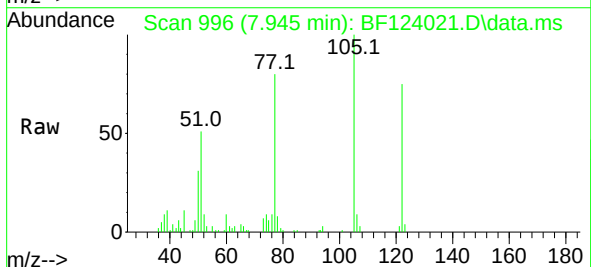
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

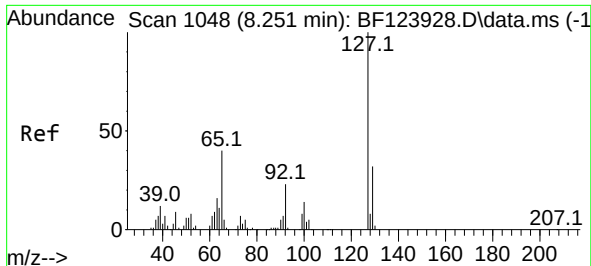
Tgt Ion:128 Resp: 417480
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 50.47 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:122 Resp: 84332
Ion Ratio Lower Upper
122 100
105 132.6 107.8 147.8
77 106.6 81.6 121.6

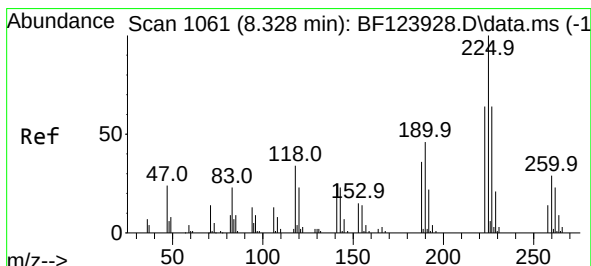
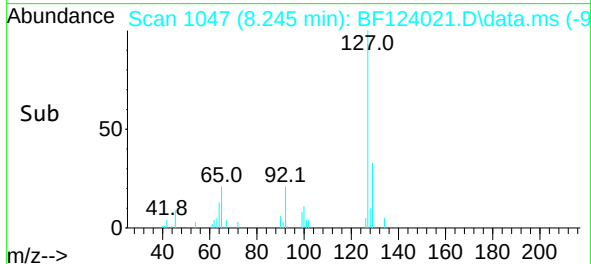
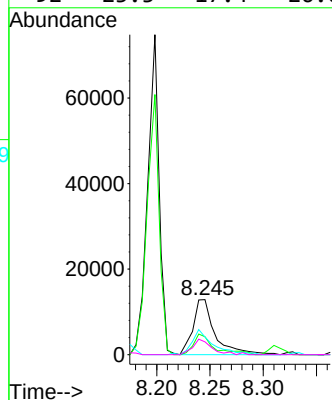
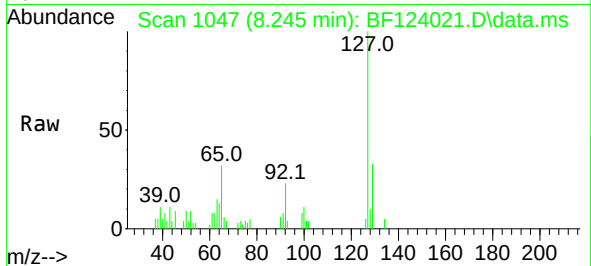




#33
4-Chloroaniline
Concen: 4.63 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

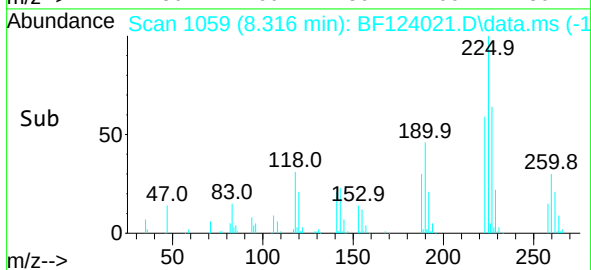
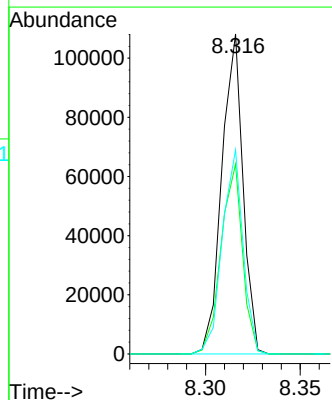
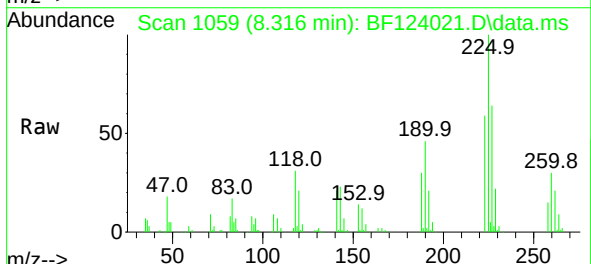
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

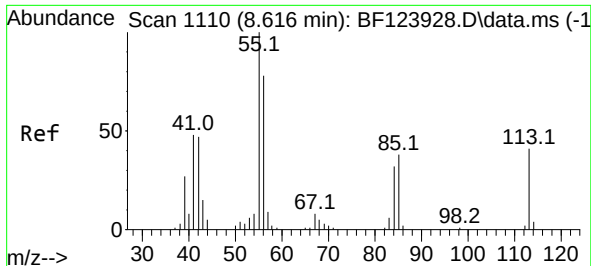
Tgt Ion:	127	Resp:	18586
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.7	38.5
65	32.1	34.5	51.7#
92	23.3	17.4	26.0



#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	225	Resp:	84181
Ion Ratio	Lower	Upper	
225	100		
223	59.3	50.4	75.6
227	63.8	51.4	77.0

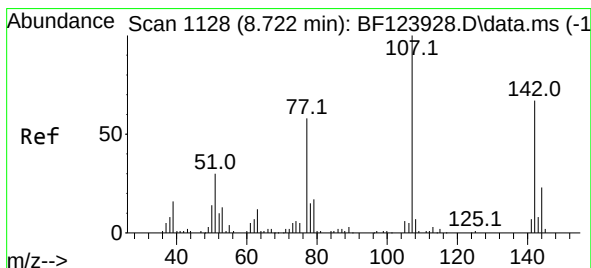
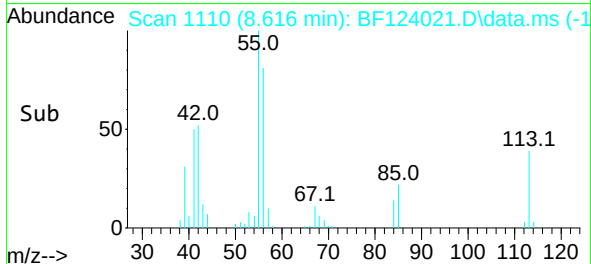
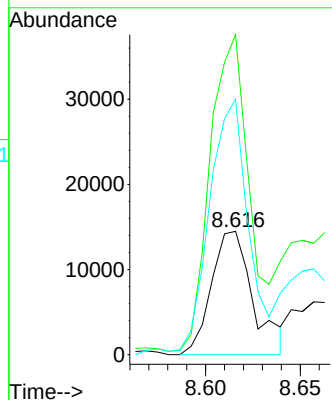
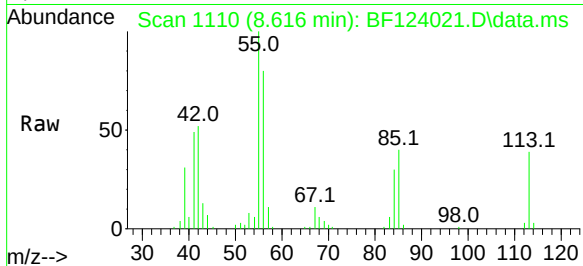




#35
Caprolactam
Concen: 26.36 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

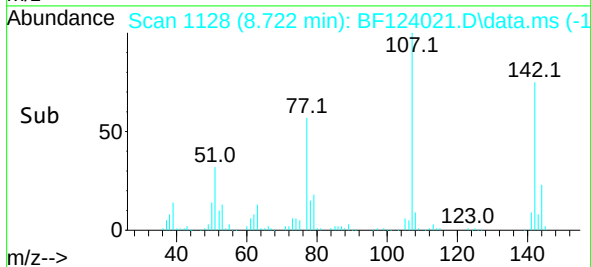
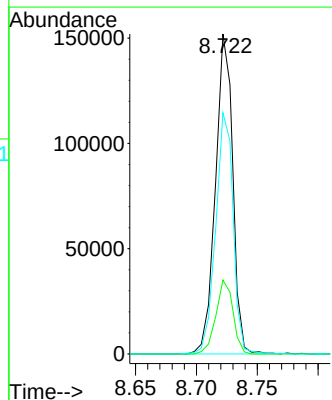
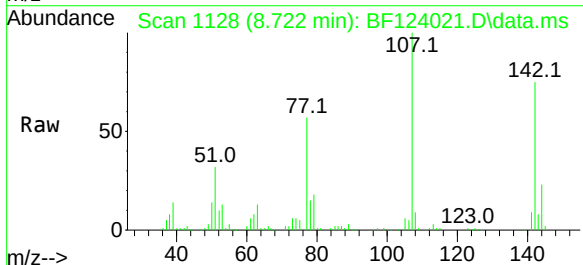
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

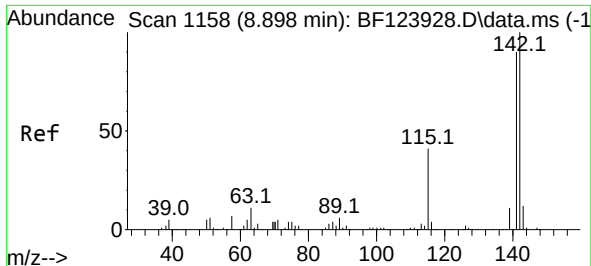
Tgt Ion:113 Resp: 22119
Ion Ratio Lower Upper
113 100
55 259.4 254.9 294.9
56 207.3 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 44.65 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:107 Resp: 150502
Ion Ratio Lower Upper
107 100
144 23.1 16.3 24.5
142 75.4 50.1 75.1#

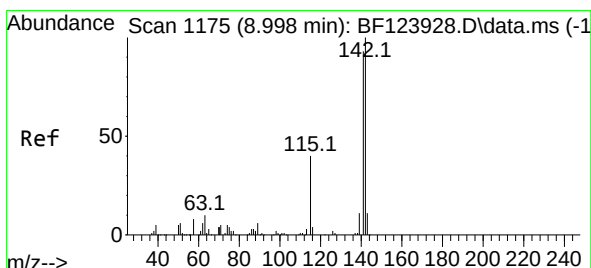
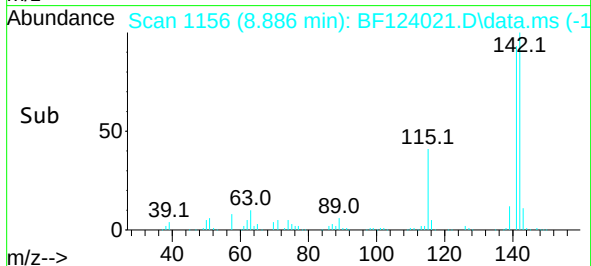
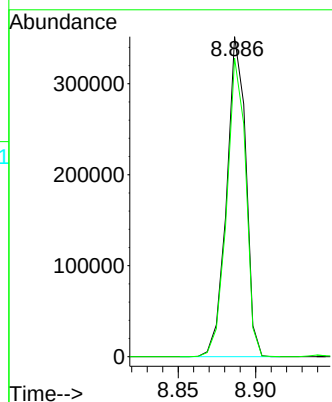
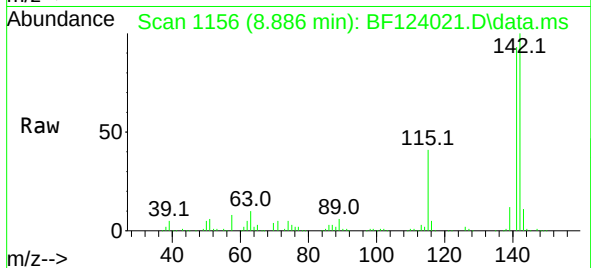




#37
2-Methylnaphthalene
Concen: 42.39 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

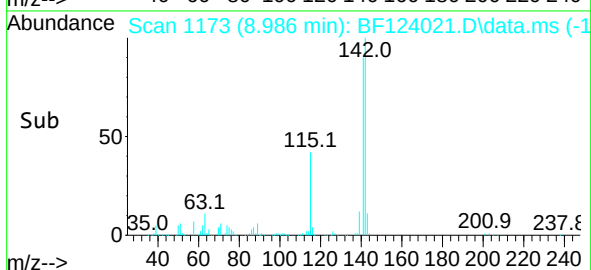
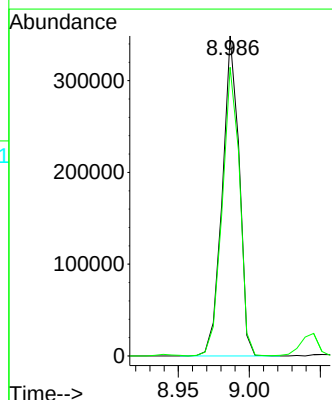
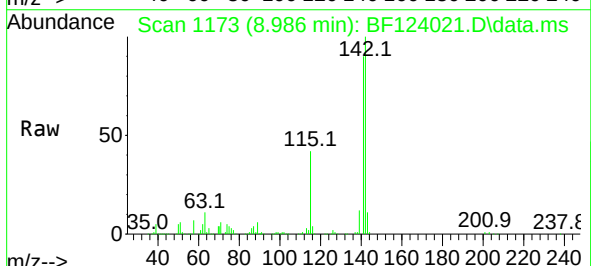
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

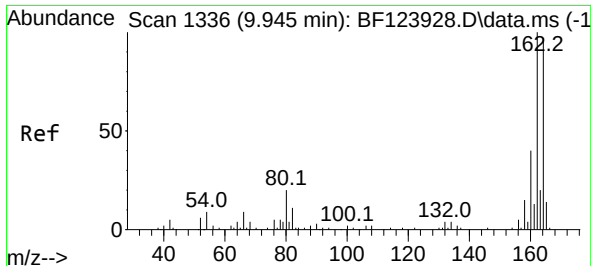
Tgt Ion:142 Resp: 302865
Ion Ratio Lower Upper
142 100
141 93.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 42.92 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:142 Resp: 286130
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2

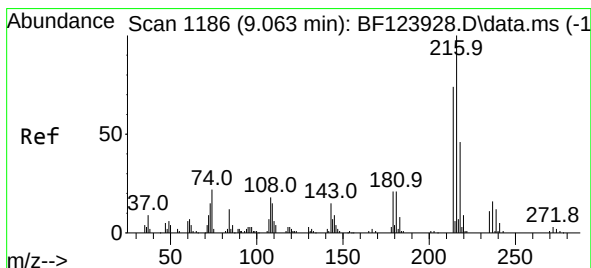
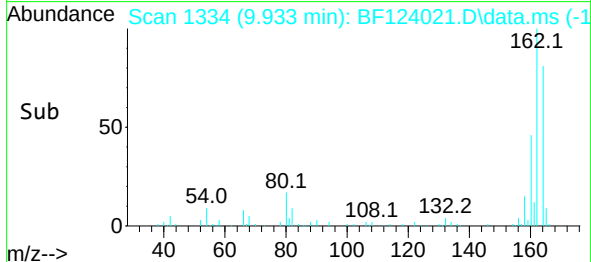
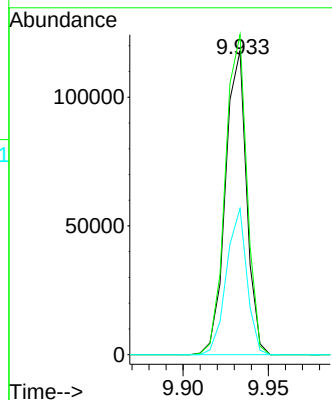
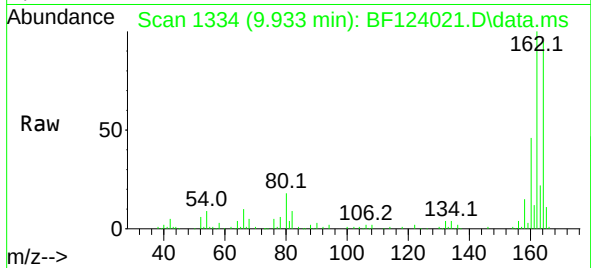




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

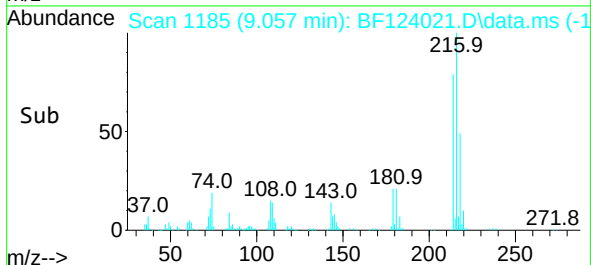
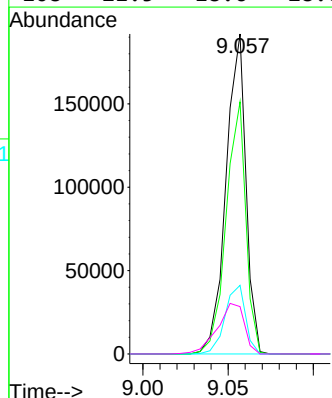
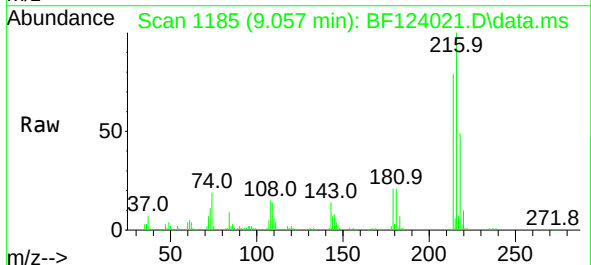
Instrument :
BNA_F
ClientSampleId :
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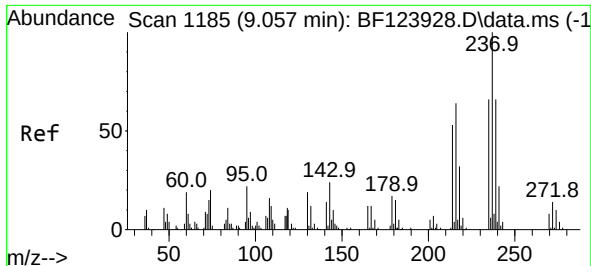
Tgt Ion:164 Resp: 101997
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 48.2 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.44 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:216 Resp: 156141
Ion Ratio Lower Upper
216 100
214 77.9 63.8 95.8
179 22.0 17.9 26.9
108 21.5 18.6 28.0

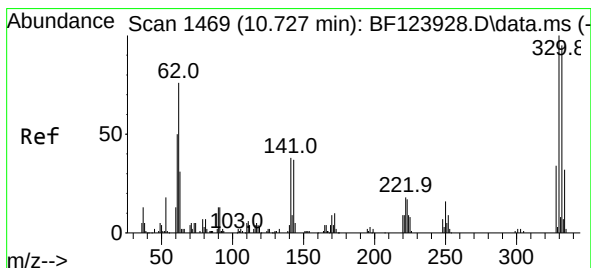
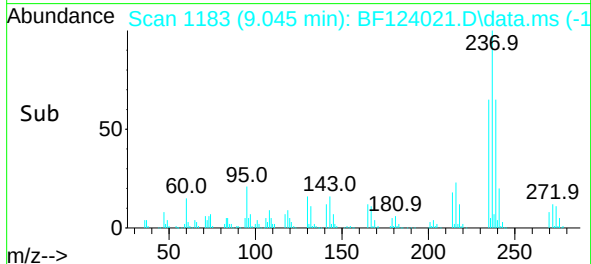
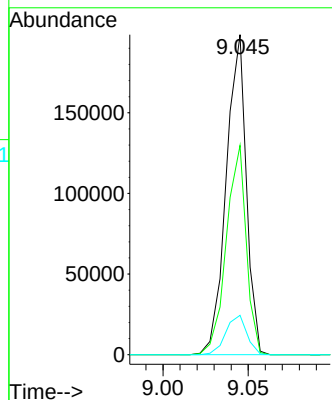
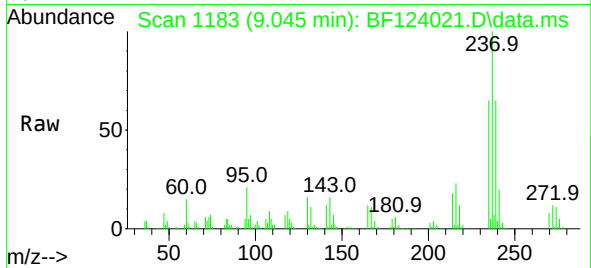




#41
Hexachlorocyclopentadiene
Concen: 69.73 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

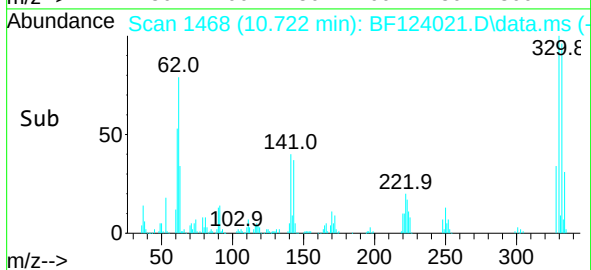
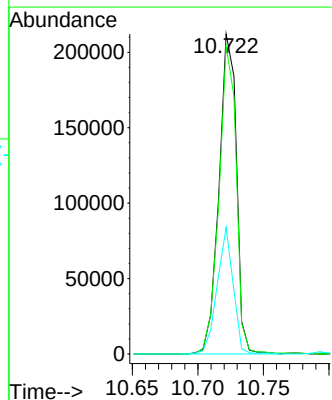
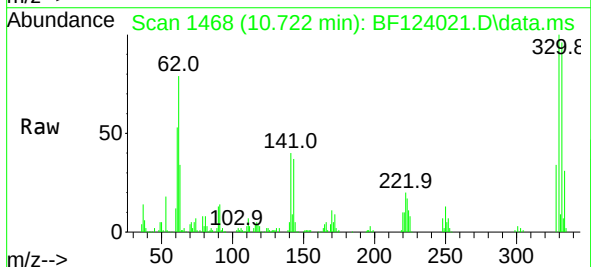
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

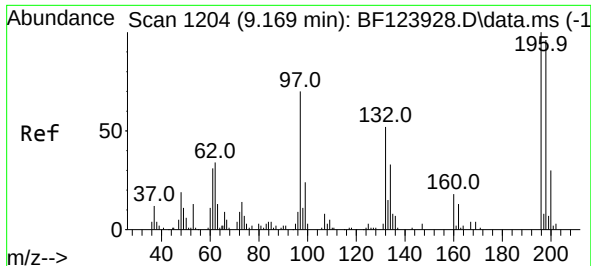
Tgt Ion:237 Resp: 163164
Ion Ratio Lower Upper
237 100
235 65.4 38.8 78.8
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 159.91 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:330 Resp: 195900
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 36.4 27.9 41.9

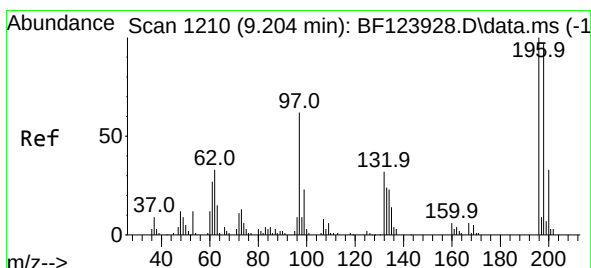
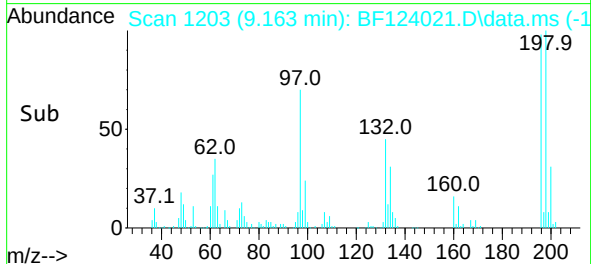
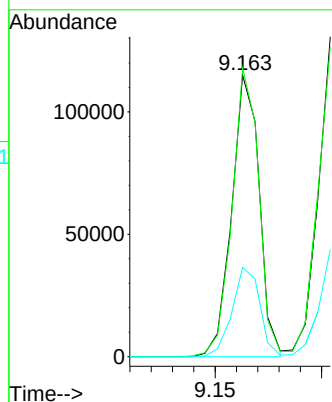
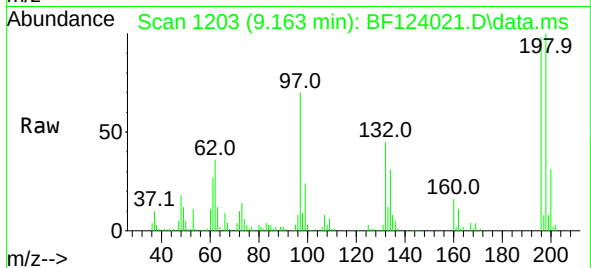




#43
2,4,6-Trichlorophenol
Concen: 43.07 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

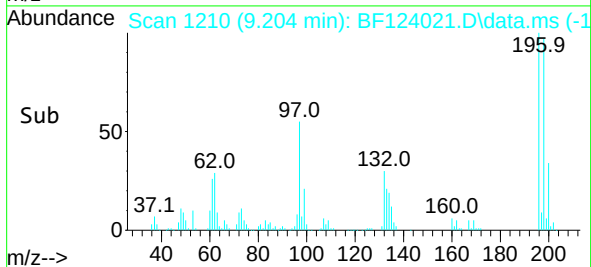
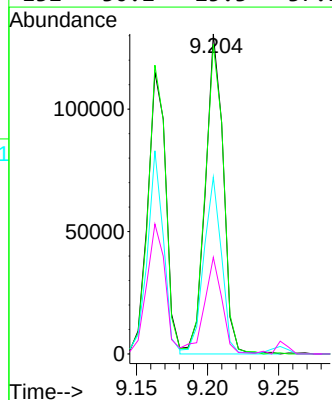
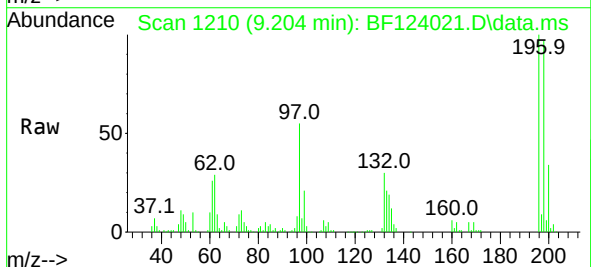
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

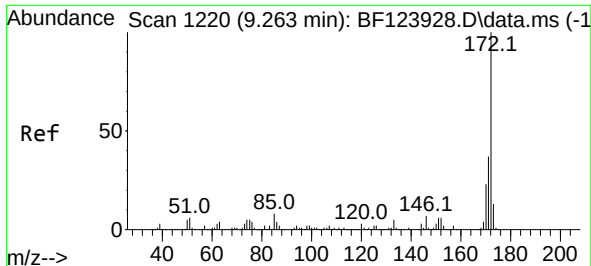
Tgt Ion:196 Resp: 102798
Ion Ratio Lower Upper
196 100
198 102.6 78.2 117.2
200 31.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 46.32 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:196 Resp: 114867
Ion Ratio Lower Upper
196 100
198 96.8 76.5 114.7
97 55.3 52.9 79.3
132 30.2 25.3 37.9

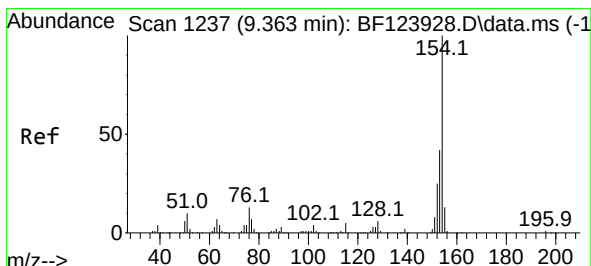
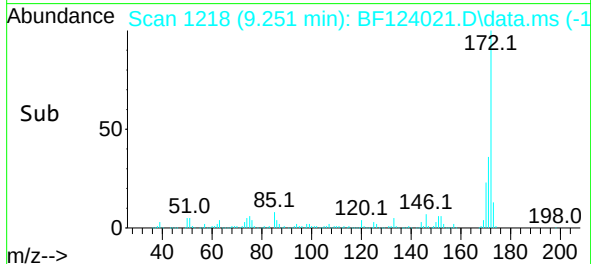
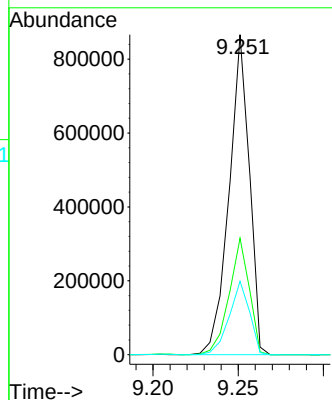
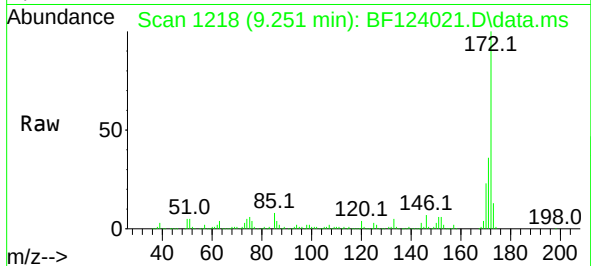




#45
2-Fluorobiphenyl
Concen: 86.55 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

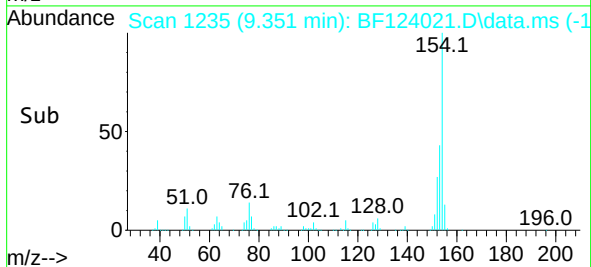
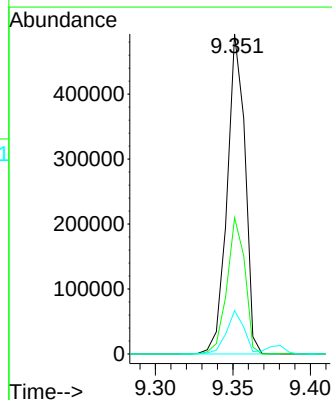
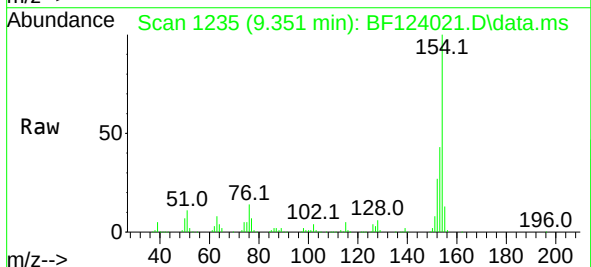
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

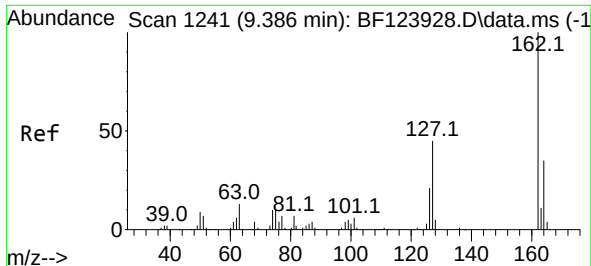
Tgt Ion:172 Resp: 717327
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 43.96 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:154 Resp: 394956
Ion Ratio Lower Upper
154 100
153 42.6 20.7 60.7
76 13.6 0.0 31.7

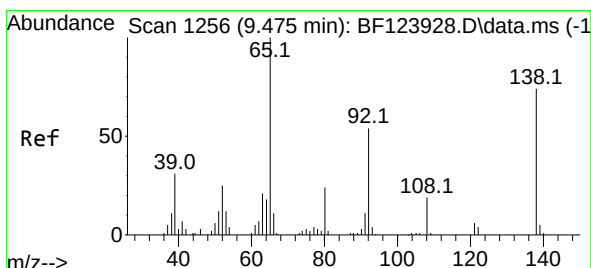
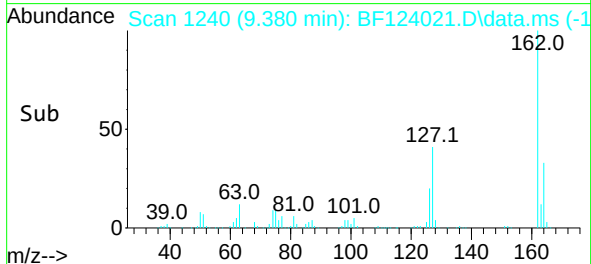
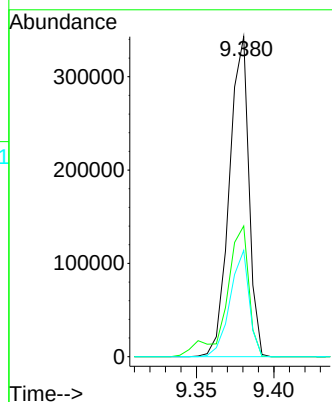
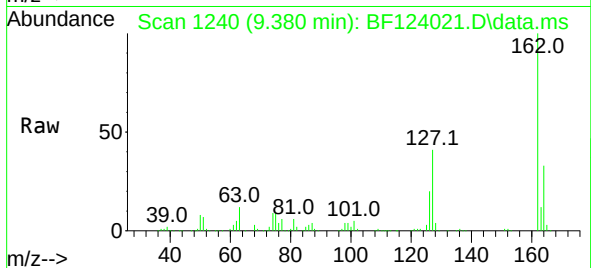




#47
2-Chloronaphthalene
Concen: 42.05 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

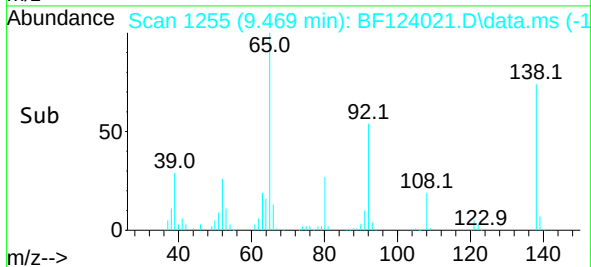
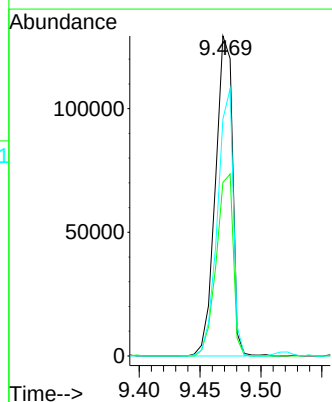
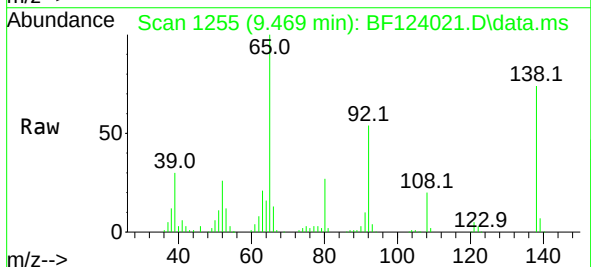
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

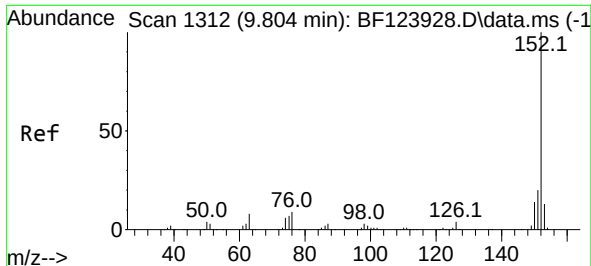
Tgt Ion:162 Resp: 300011
Ion Ratio Lower Upper
162 100
127 40.9 36.2 54.2
164 33.2 25.4 38.2



#48
2-Nitroaniline
Concen: 52.47 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion: 65 Resp: 126433
Ion Ratio Lower Upper
65 100
92 54.2 47.1 70.7
138 74.0 70.2 105.2





#49

Acenaphthylene

Concen: 45.07 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

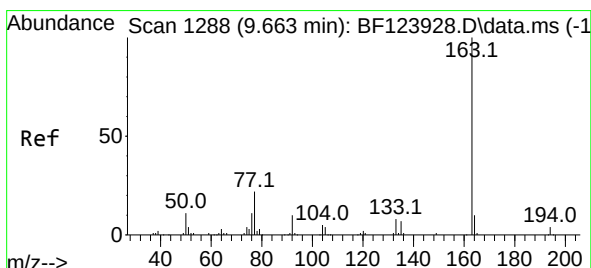
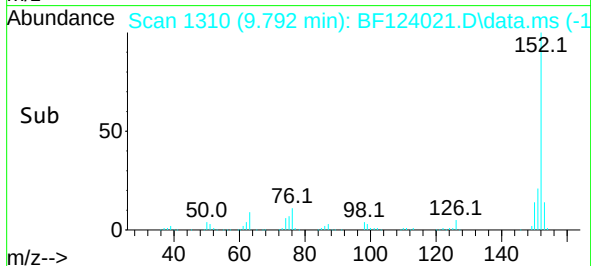
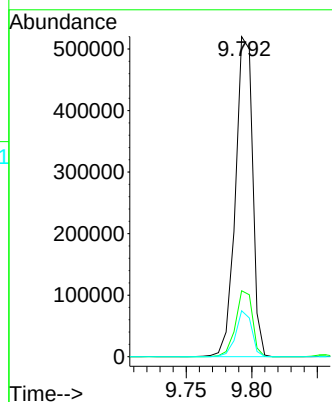
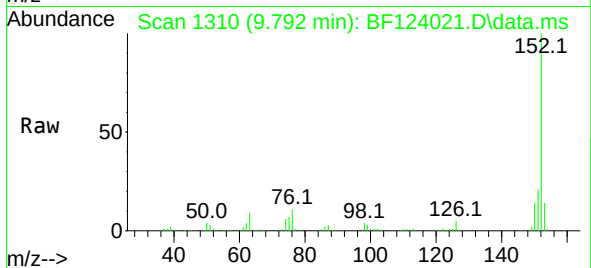
Tgt Ion:152 Resp: 475187

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.4 10.4 15.6



#50

Dimethylphthalate

Concen: 48.28 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

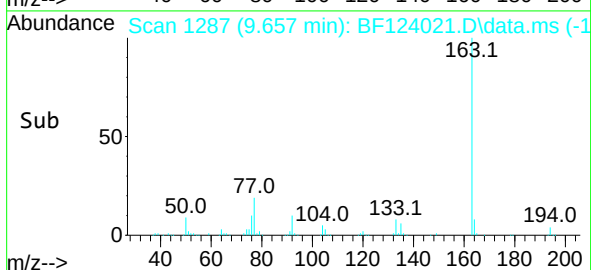
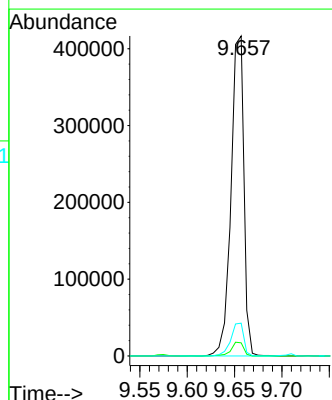
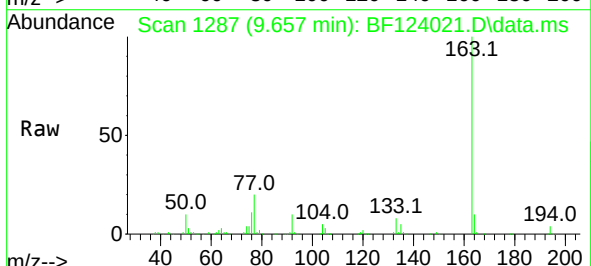
Tgt Ion:163 Resp: 393244

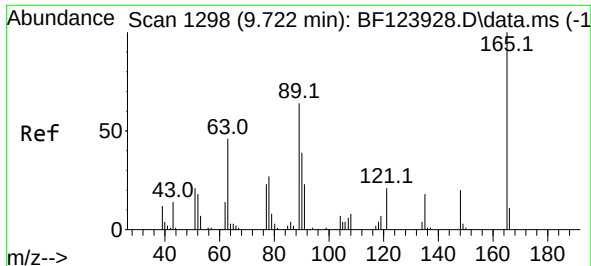
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.2 12.2

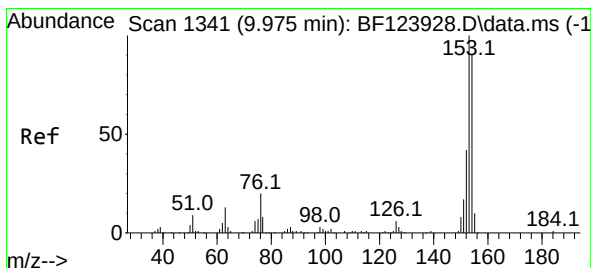
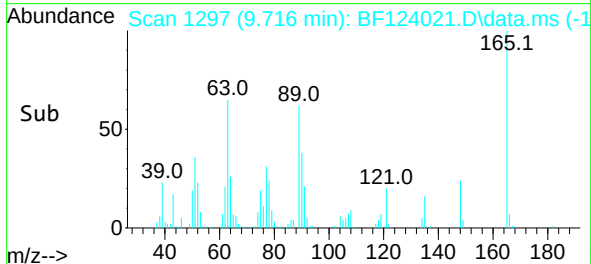
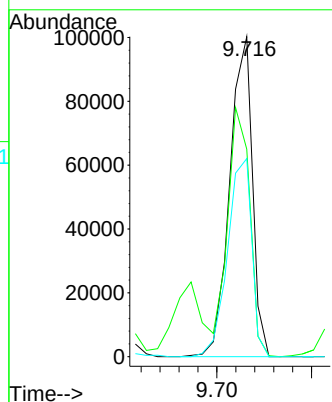
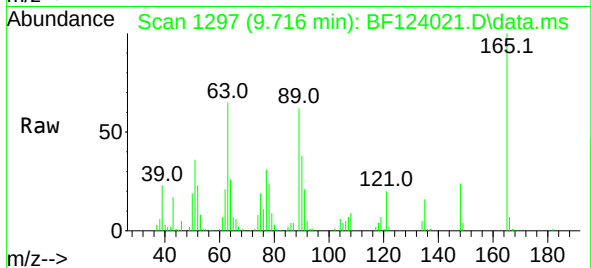




#51
2,6-Dinitrotoluene
Concen: 50.46 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

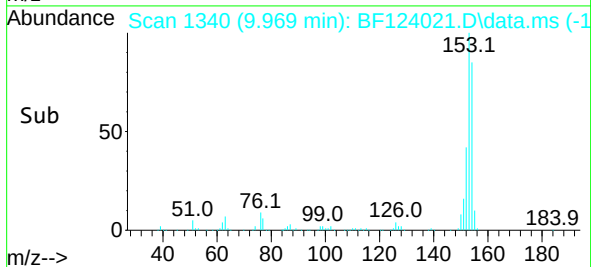
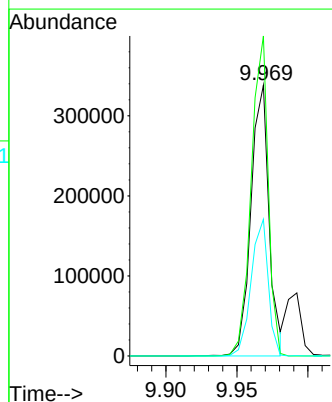
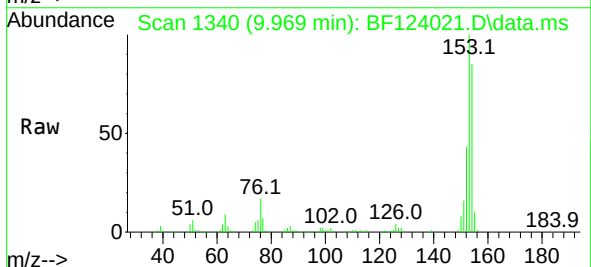
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

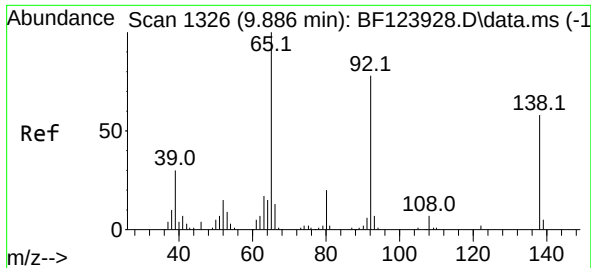
Tgt Ion:165 Resp: 83114
Ion Ratio Lower Upper
165 100
63 64.9 67.7 101.5#
89 61.9 58.8 88.2



#52
Acenaphthene
Concen: 41.60 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:154 Resp: 300245
Ion Ratio Lower Upper
154 100
153 118.2 88.1 132.1
152 50.5 43.4 65.0

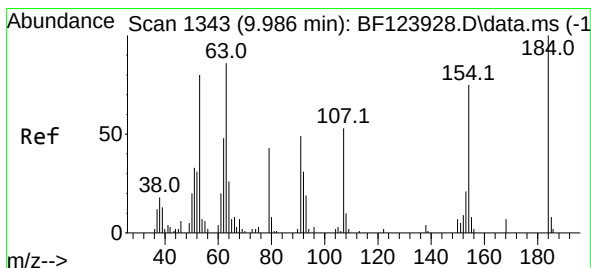
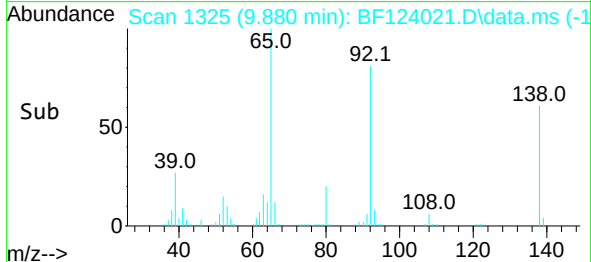
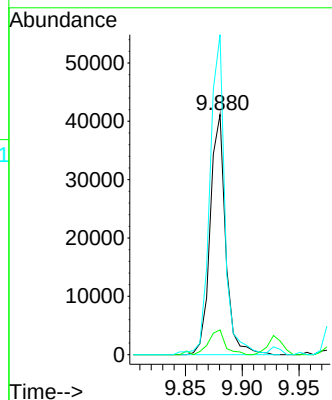
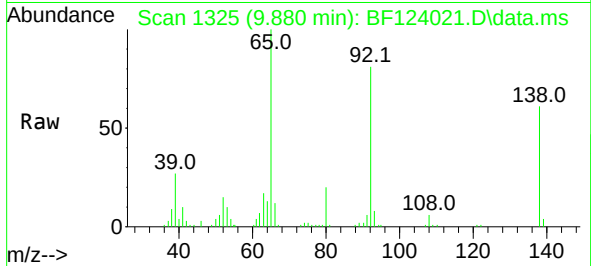




#53
3-Nitroaniline
Concen: 23.74 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

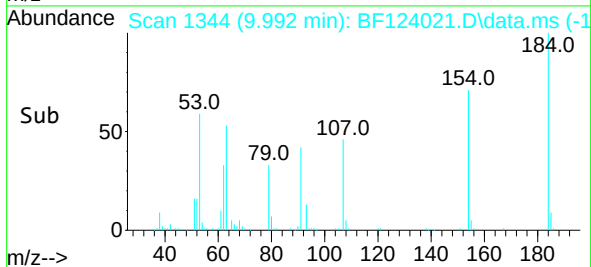
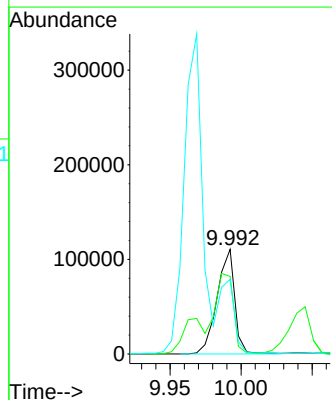
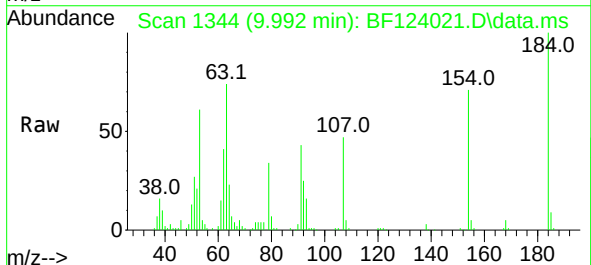
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

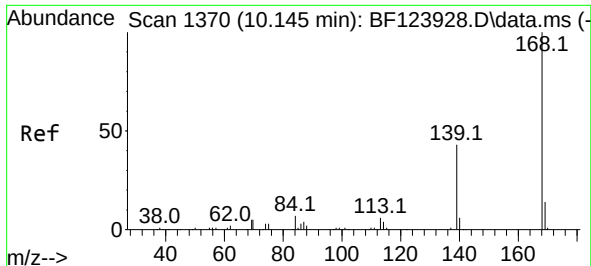
Tgt Ion:	138	Resp:	38854
Ion	Ratio	Lower	Upper
138	100		
108	10.3	10.2	15.4
92	133.3	103.3	154.9



#54
2,4-Dinitrophenol
Concen: 105.46 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	184	Resp:	95633
Ion	Ratio	Lower	Upper
184	100		
63	74.1	73.5	110.3
154	71.3	52.5	78.7

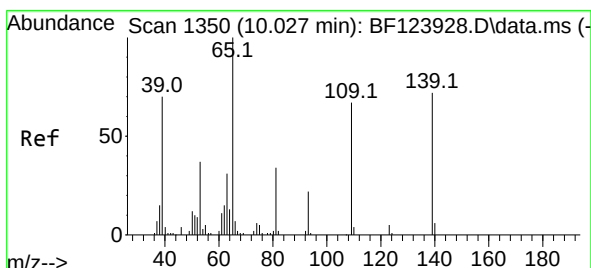
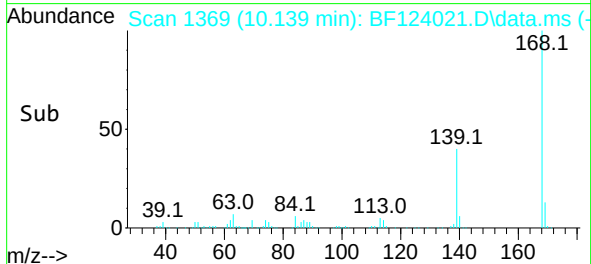
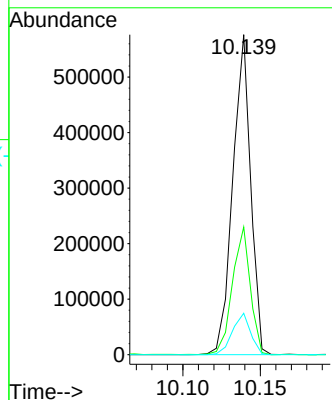
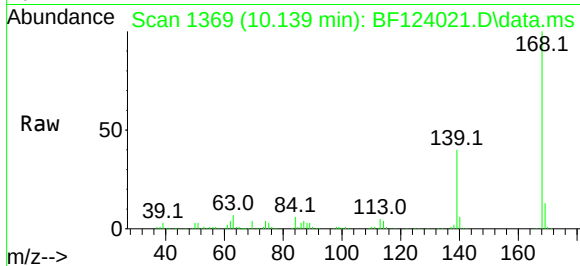




#55
Dibenzofuran
Concen: 44.51 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

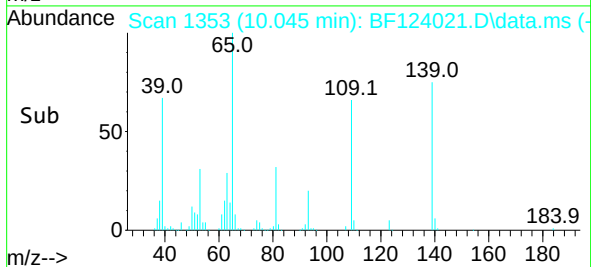
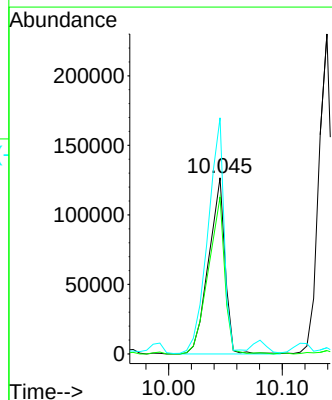
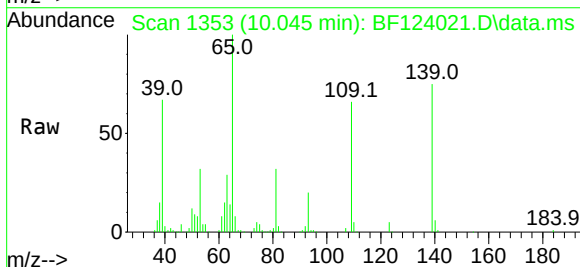
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

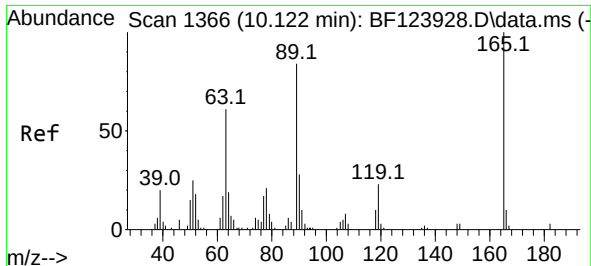
Tgt Ion:168 Resp: 461305
Ion Ratio Lower Upper
168 100
139 39.9 33.2 49.8
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 93.92 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:139 Resp: 127171
Ion Ratio Lower Upper
139 100
109 89.1 63.2 103.2
65 134.1 110.0 150.0

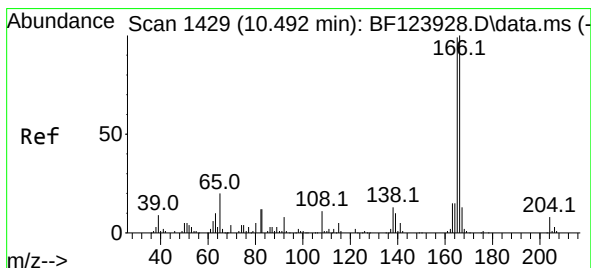
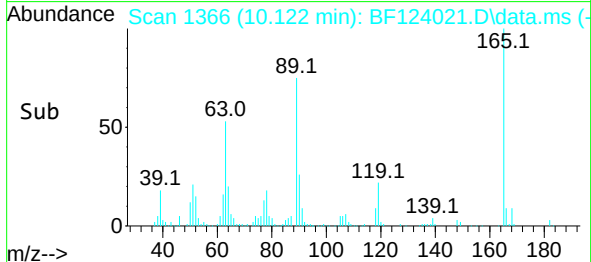
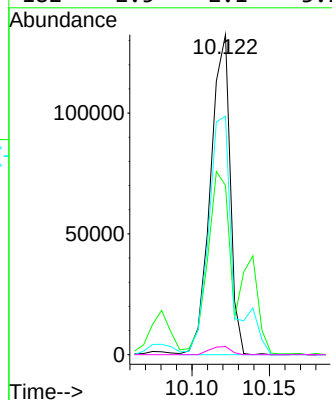
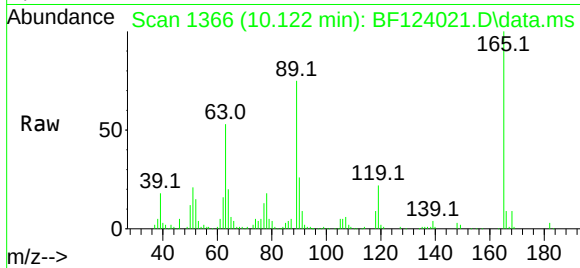




#57
2,4-Dinitrotoluene
Concen: 57.82 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

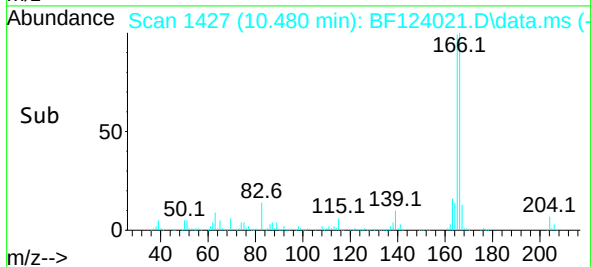
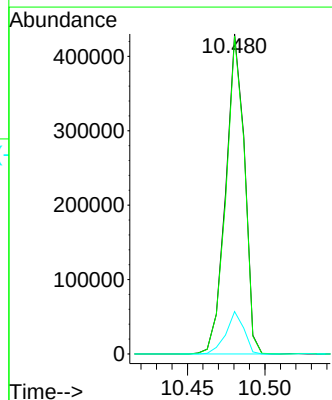
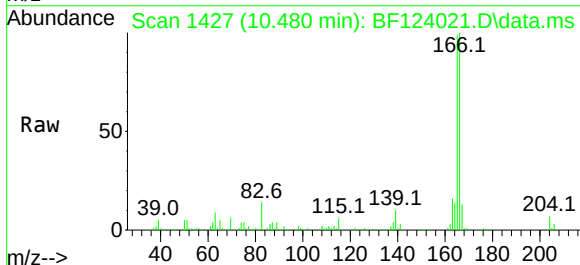
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

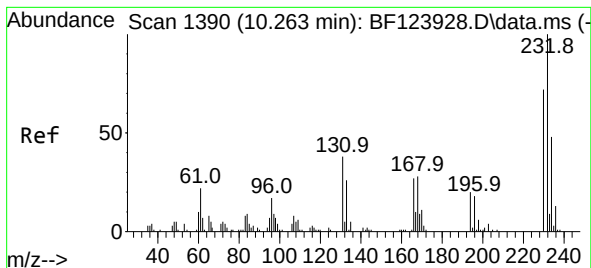
Tgt Ion:	165	Resp:	116801
Ion	Ratio	Lower	Upper
165	100		
63	52.9	43.5	65.3
89	74.6	67.7	101.5
182	2.5	2.1	3.1



#58
Fluorene
Concen: 46.32 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:	166	Resp:	361829
Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.5	110.3
167	13.3	10.7	16.1

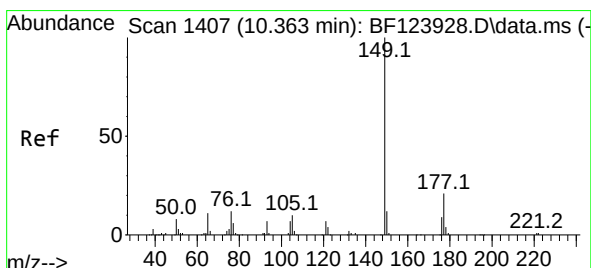
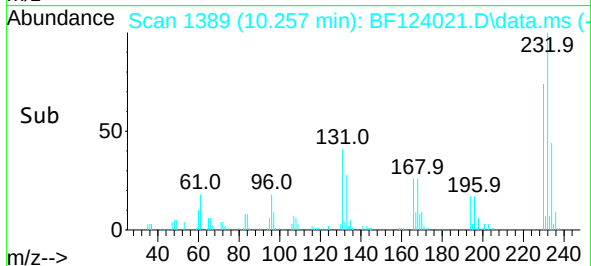
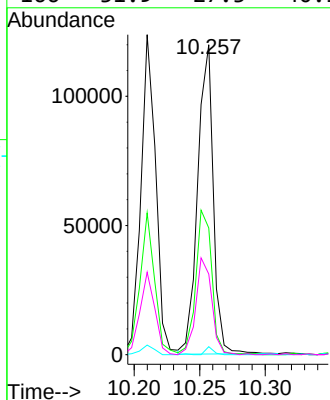
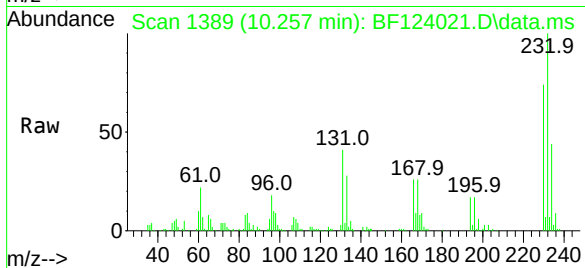




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.84 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

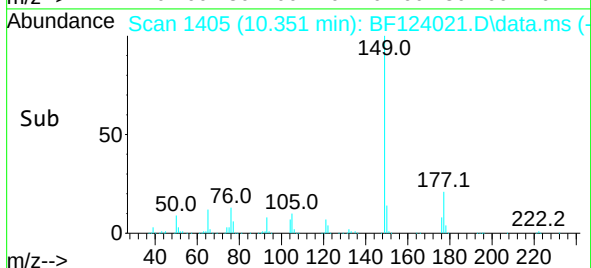
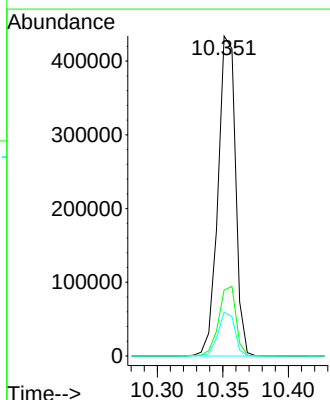
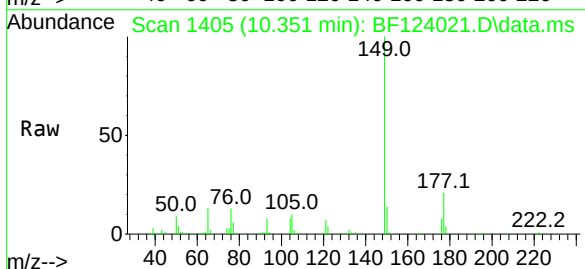
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

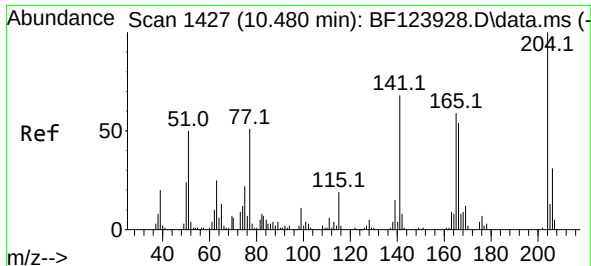
Tgt Ion:232 Resp: 99600
Ion Ratio Lower Upper
232 100
131 47.7 43.2 64.8
130 1.4 2.2 3.2#
166 31.9 27.3 40.9



#60
Diethylphthalate
Concen: 49.77 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:149 Resp: 401433
Ion Ratio Lower Upper
149 100
177 20.7 15.4 23.2
150 13.7 9.9 14.9

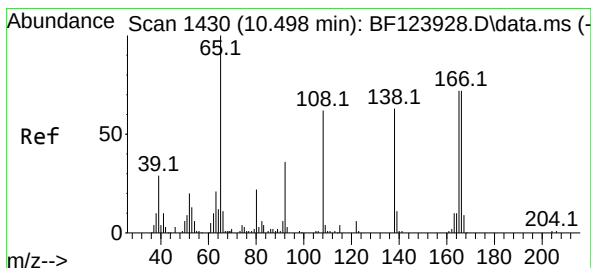
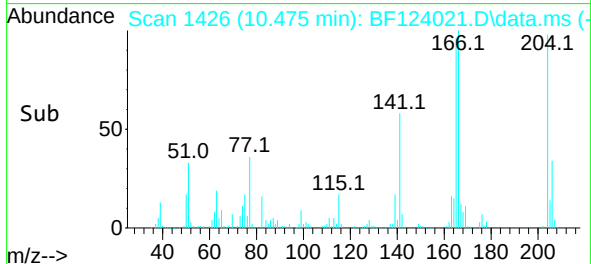
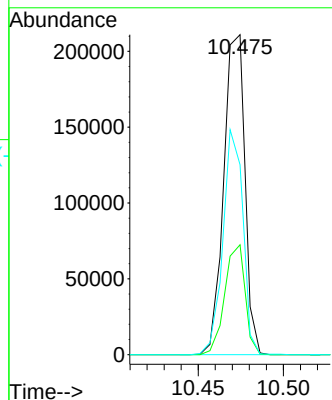
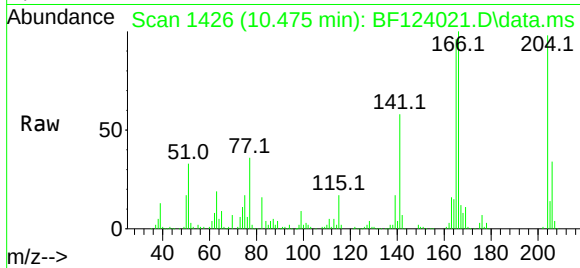




#61
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

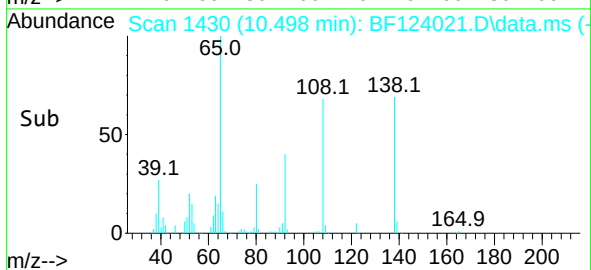
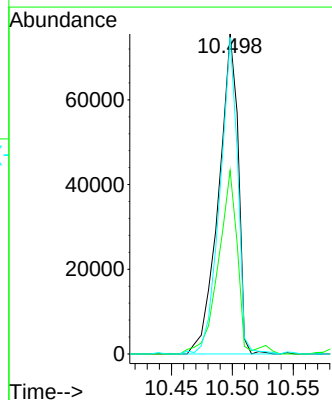
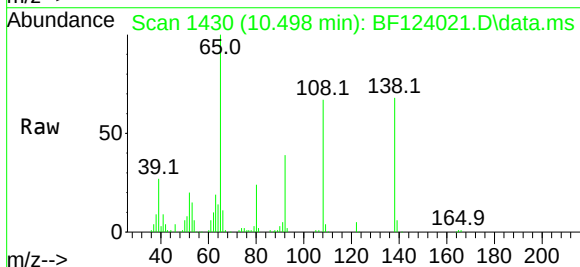
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

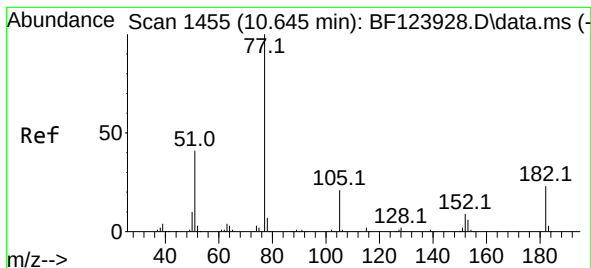
Tgt Ion:204 Resp: 183411
Ion Ratio Lower Upper
204 100
206 34.4 25.7 38.5
141 59.3 55.5 83.3



#62
4-Nitroaniline
Concen: 51.76 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:138 Resp: 84272
Ion Ratio Lower Upper
138 100
92 57.3 35.8 75.8
108 98.9 63.6 103.6





#63

Azobenzene

Concen: 45.18 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

Tgt Ion: 77 Resp: 405306

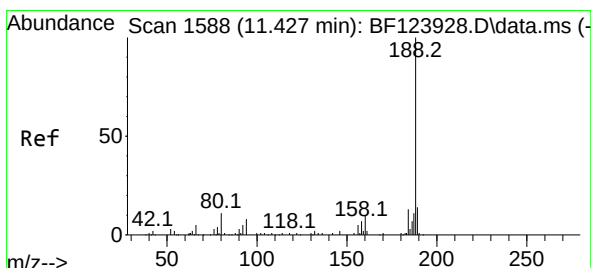
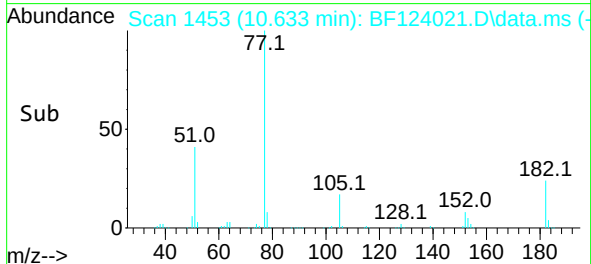
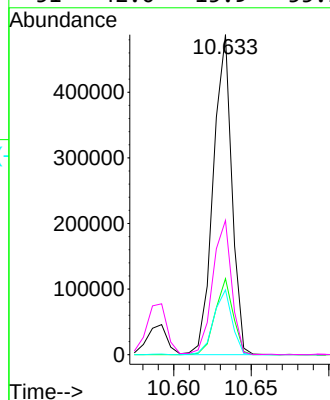
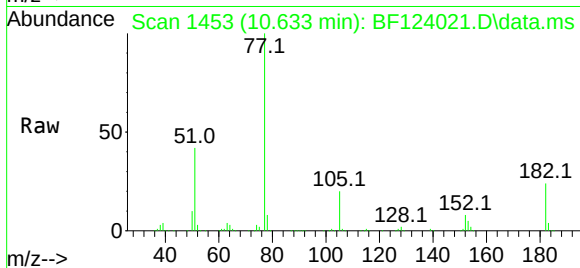
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 20.3 1.7 41.7

51 42.0 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.011 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

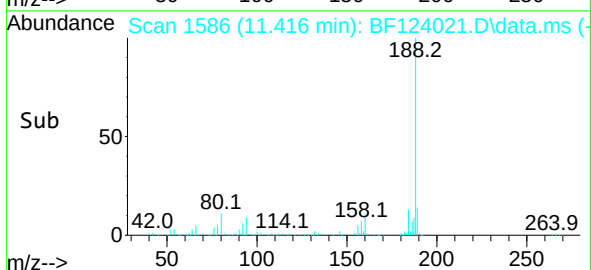
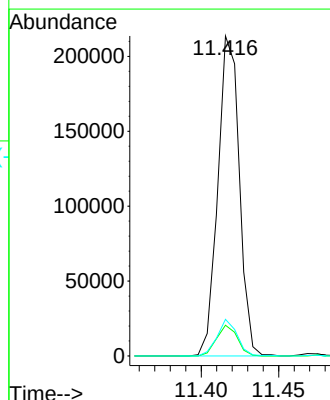
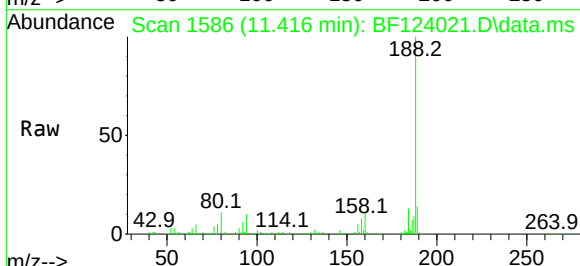
Tgt Ion: 188 Resp: 205560

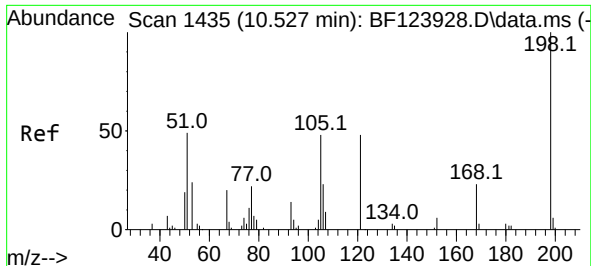
Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

80 11.5 8.2 12.2

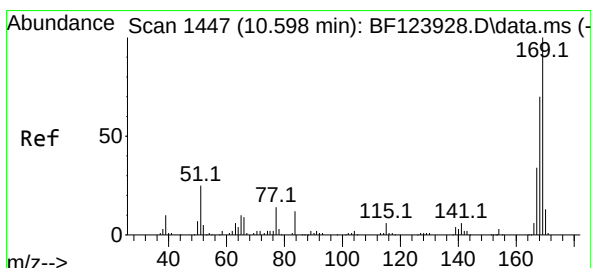
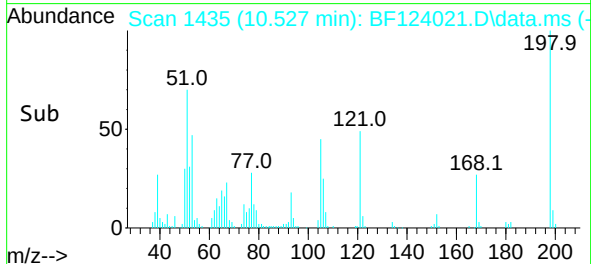
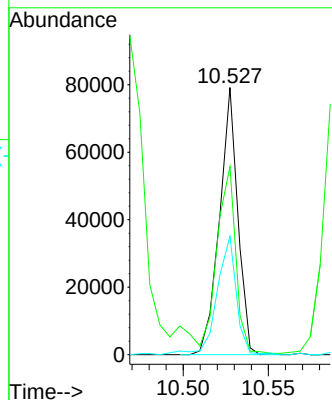
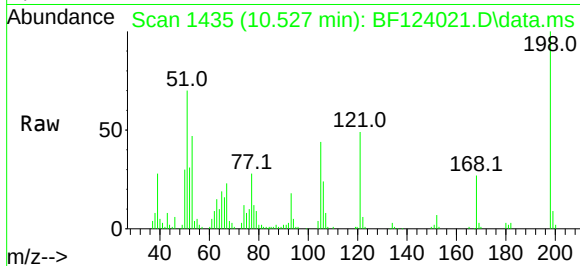




#65
4,6-Dinitro-2-methylphenol
Concen: 45.15 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

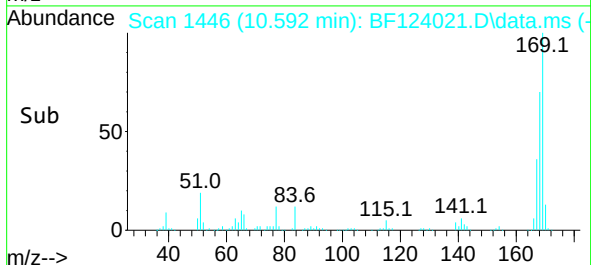
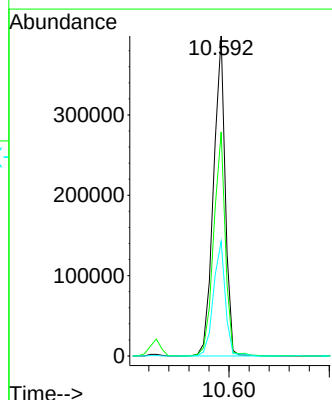
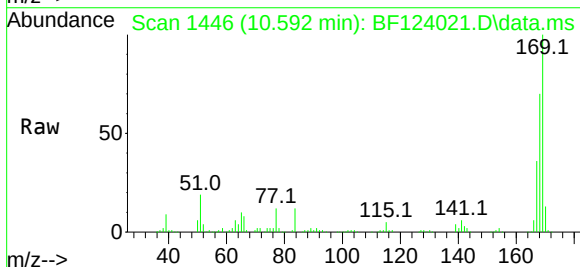
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

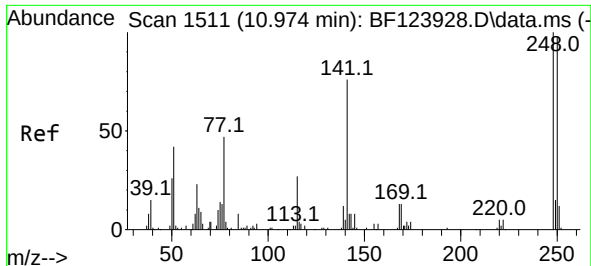
Tgt Ion:198 Resp: 59307
Ion Ratio Lower Upper
198 100
51 70.4 64.8 104.8
105 44.4 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 41.07 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:169 Resp: 322561
Ion Ratio Lower Upper
169 100
168 70.0 53.3 79.9
167 35.9 29.9 44.9

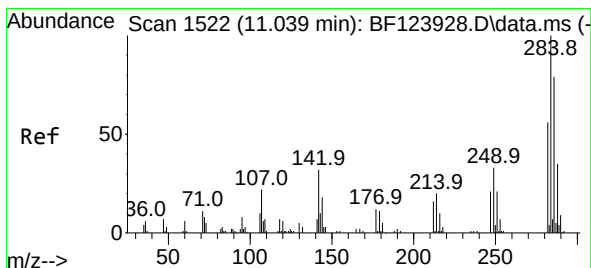
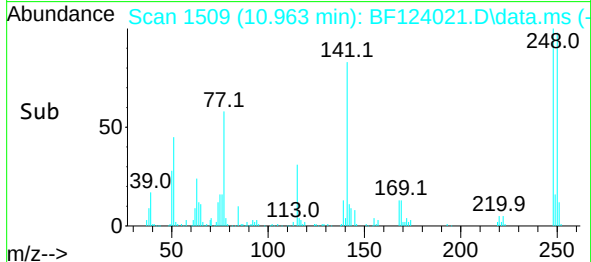
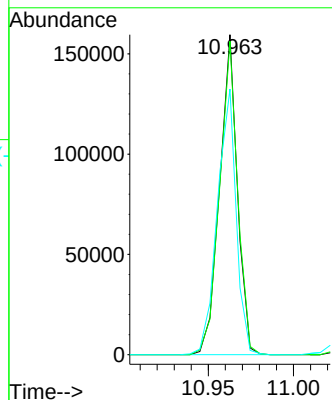
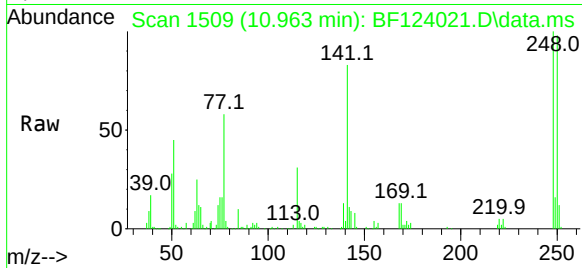




#67
4-Bromophenyl-phenylether
Concen: 42.71 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

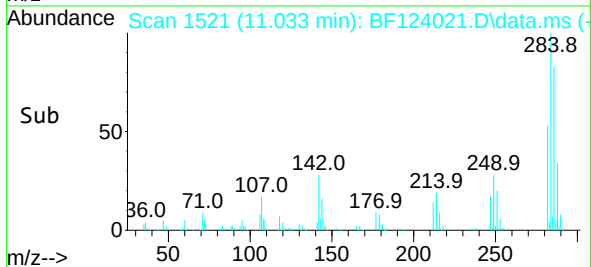
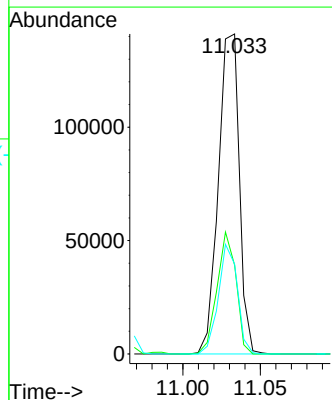
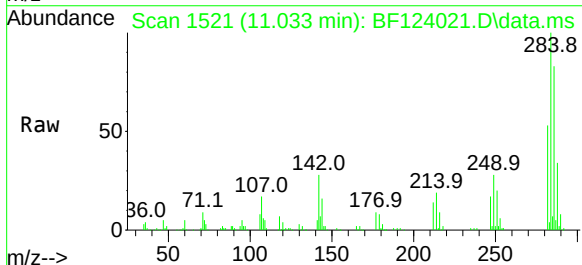
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

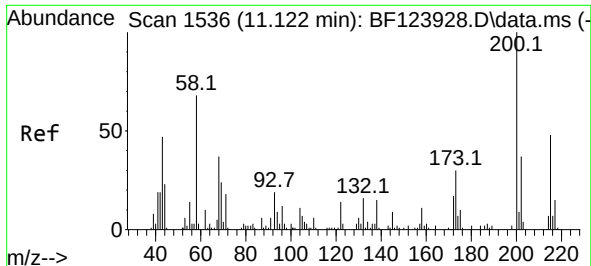
Tgt Ion:248 Resp: 115383
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.2
141 83.0 63.7 95.5



#68
Hexachlorobenzene
Concen: 44.02 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:284 Resp: 132750
Ion Ratio Lower Upper
284 100
142 27.7 28.3 42.5#
249 28.1 23.5 35.3

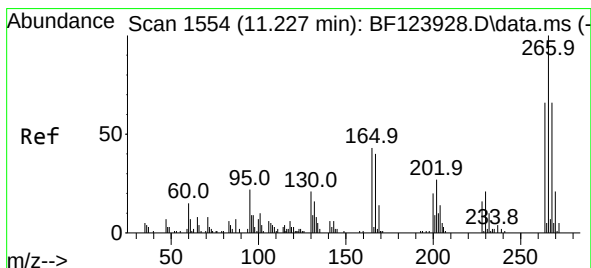
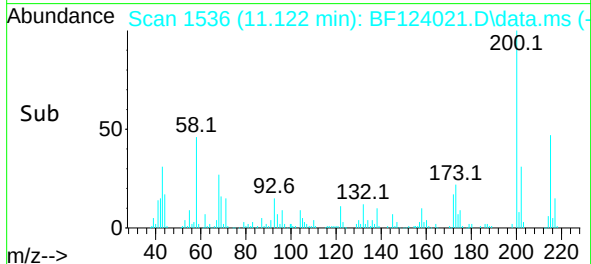
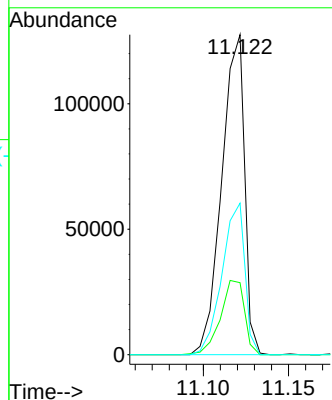
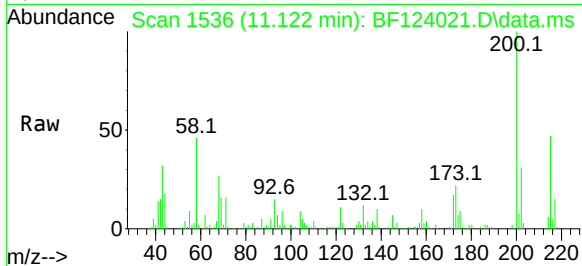




#69
 Atrazine
 Concen: 53.59 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41

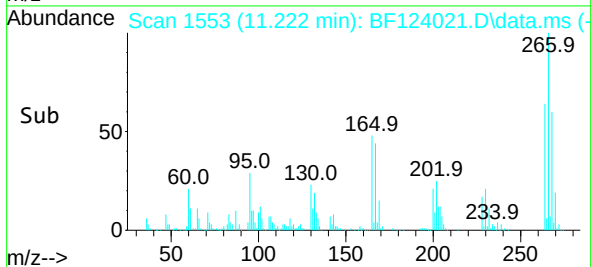
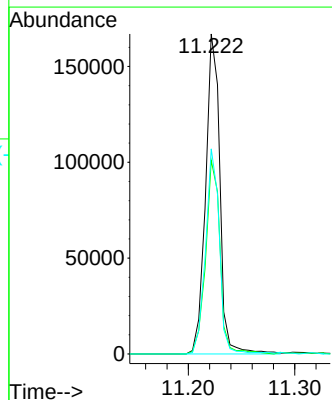
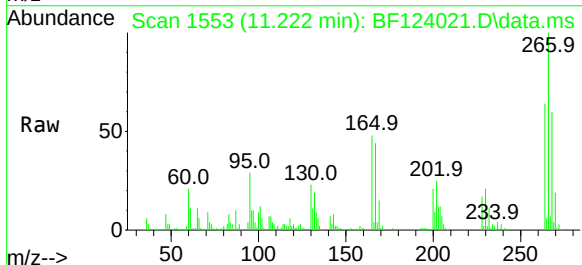
Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-AMS

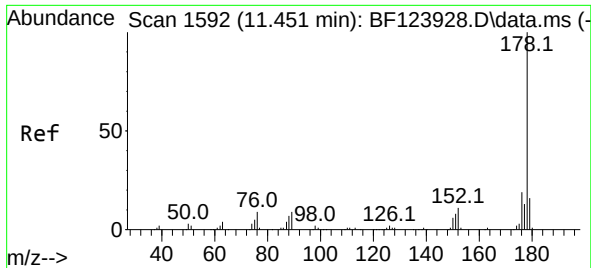
Tgt Ion:200 Resp: 118885
 Ion Ratio Lower Upper
 200 100
 173 22.5 6.9 46.9
 215 47.3 26.5 66.5



#70
 Pentachlorophenol
 Concen: 87.36 ng
 RT: 11.222 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF124021.D
 Acq: 21 May 2021 16:41

Tgt Ion:266 Resp: 156201
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.6 77.4
 264 64.1 52.6 78.8

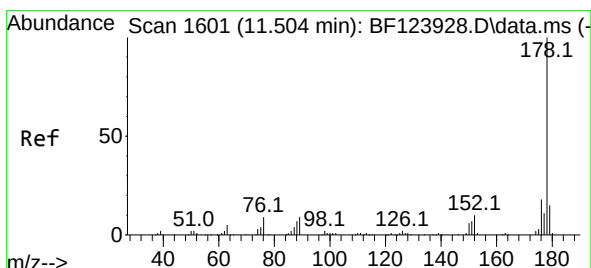
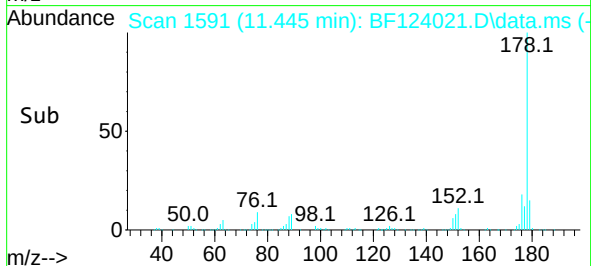
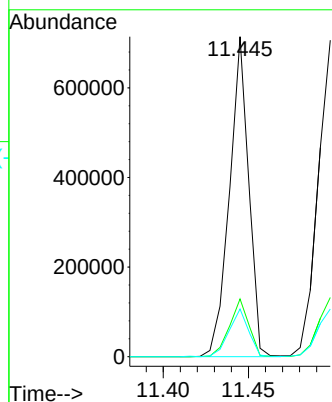
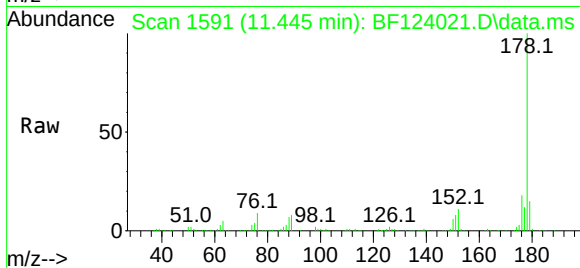




#71
Phenanthrene
Concen: 42.98 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

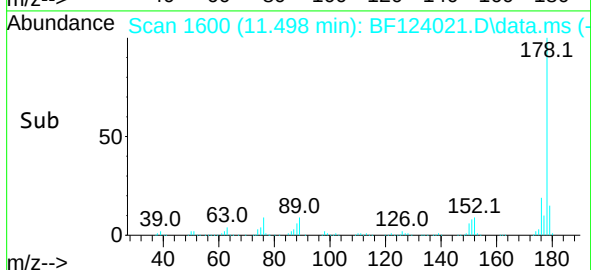
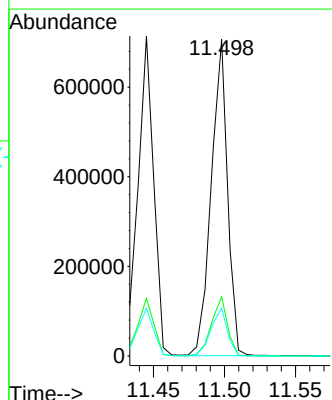
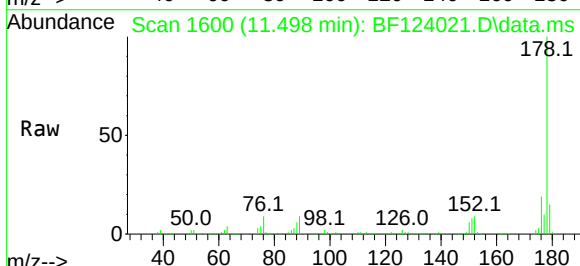
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

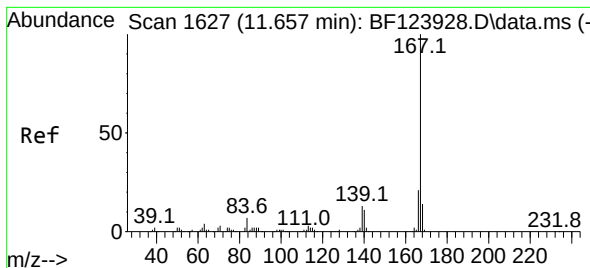
Tgt Ion:178 Resp: 559893
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 14.9 12.5 18.7



#72
Anthracene
Concen: 42.69 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:178 Resp: 563530
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.1 12.6 18.8





#73

Carbazole

Concen: 41.46 ng

RT: 11.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

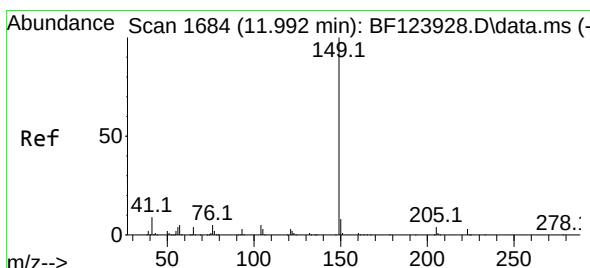
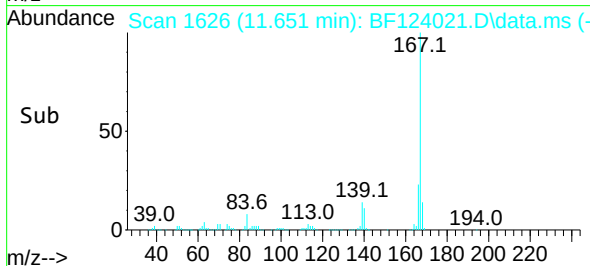
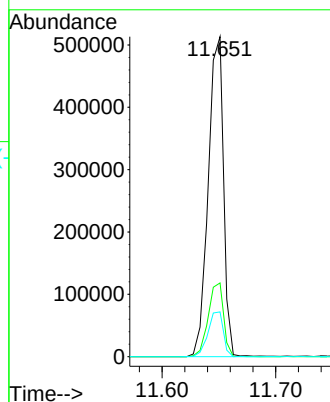
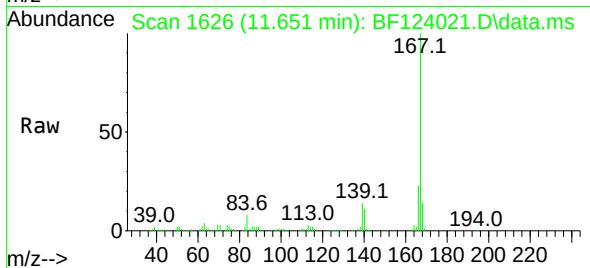
Tgt Ion:167 Resp: 478853

Ion Ratio Lower Upper

167 100

166 23.0 17.0 25.6

139 14.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 46.76 ng

RT: 11.980 min Scan# 1682

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

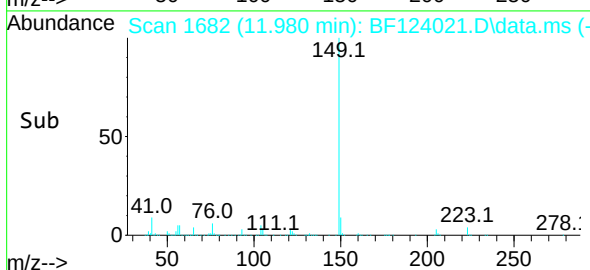
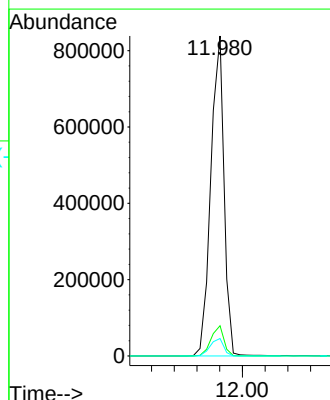
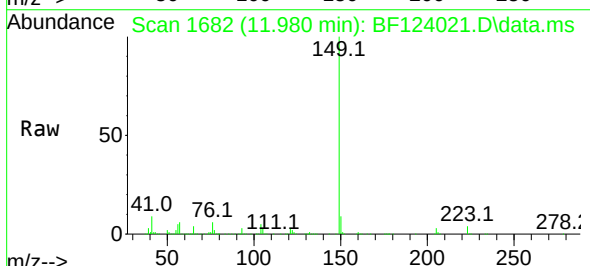
Tgt Ion:149 Resp: 675938

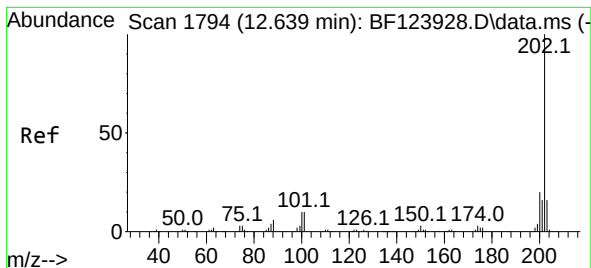
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 5.4 4.6 6.8

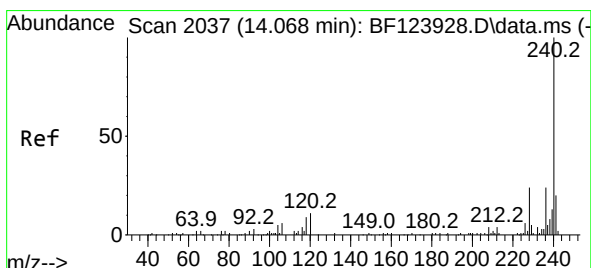
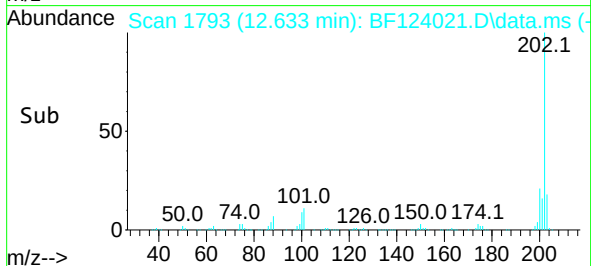
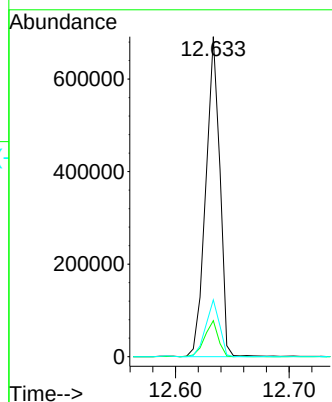
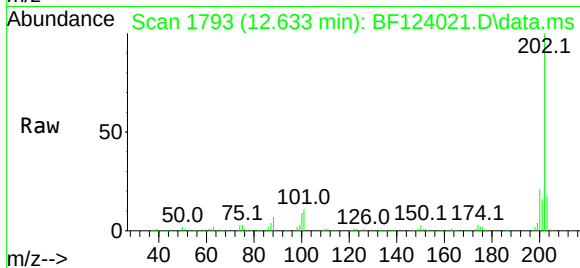




#75
Fluoranthene
Concen: 44.02 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

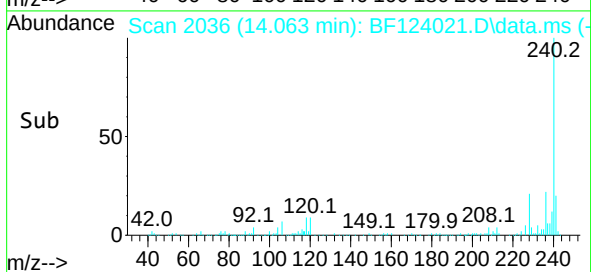
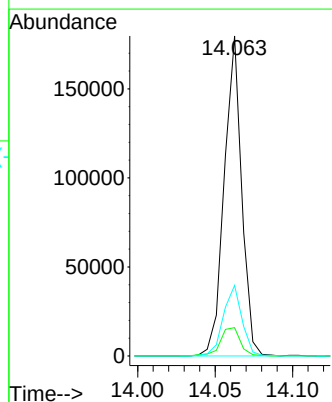
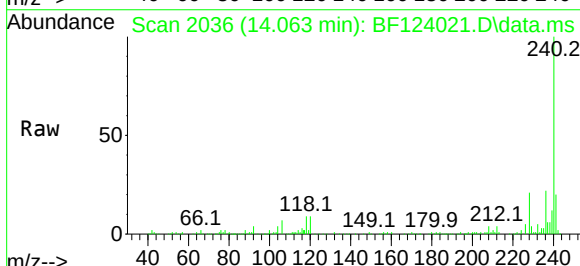
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

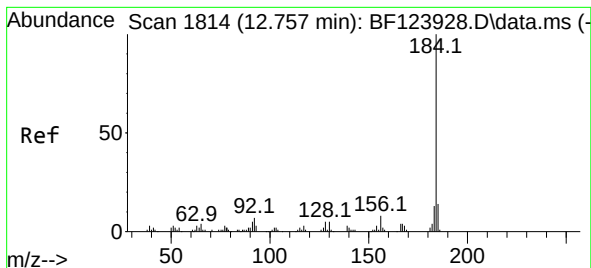
Tgt Ion:202 Resp: 593810
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:240 Resp: 140650
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 22.1 19.0 28.4





#77

Benzidine

Concen: 4.41 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.253 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

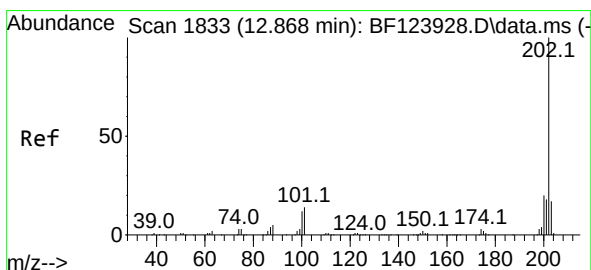
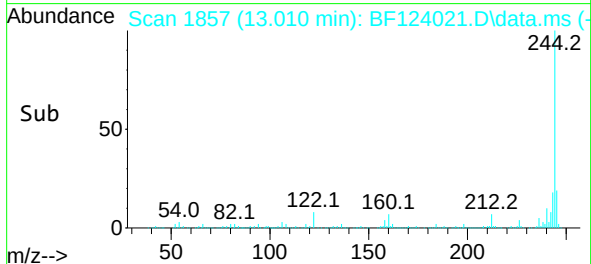
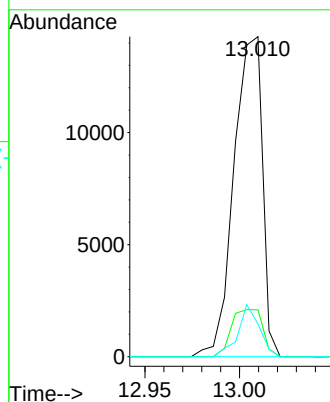
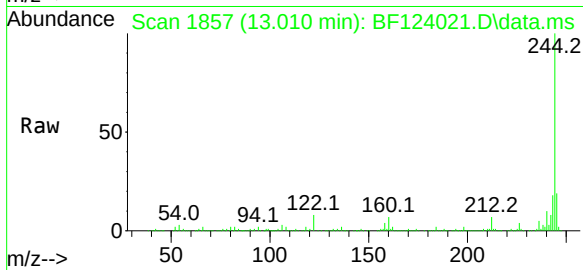
Tgt Ion:184 Resp: 14953

Ion Ratio Lower Upper

184 100

185 14.7 12.1 18.1

183 10.2 7.8 11.8



#78

Pyrene

Concen: 47.49 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

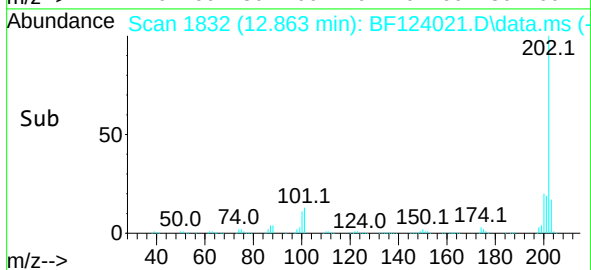
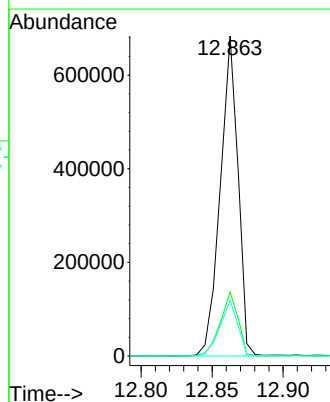
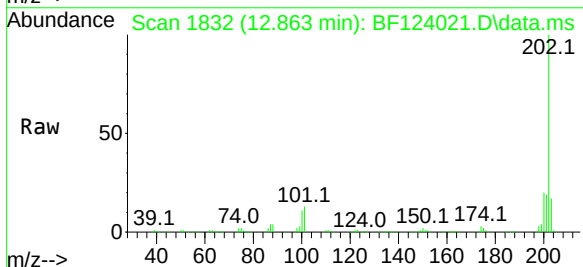
Tgt Ion:202 Resp: 593022

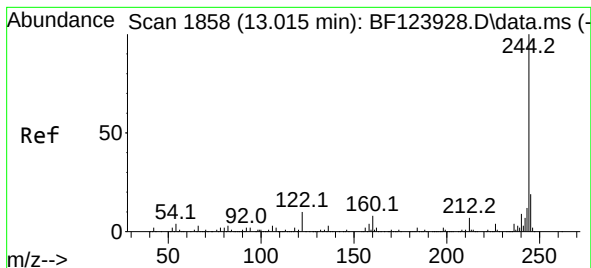
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 17.4 14.8 22.2





#79

Terphenyl-d14

Concen: 101.00 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

Tgt Ion:244 Resp: 937988

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

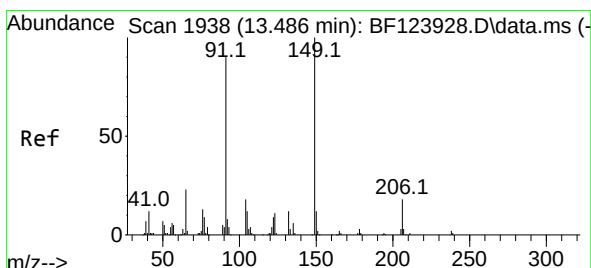
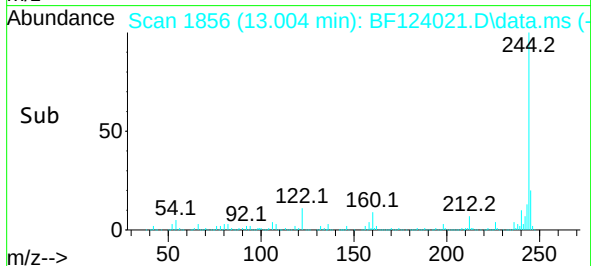
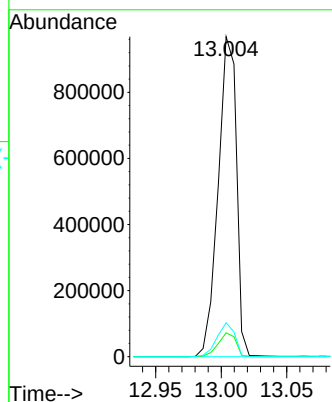
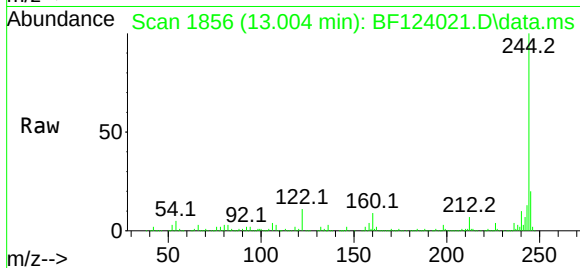
122 10.6 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

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#80

Butylbenzylphthalate

Concen: 51.75 ng

RT: 13.480 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

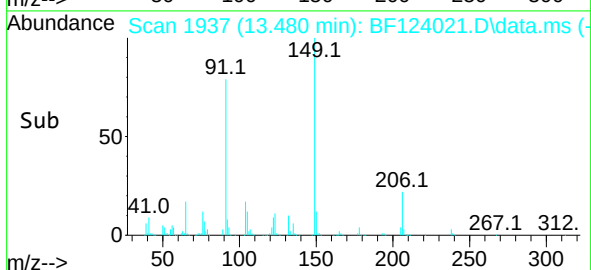
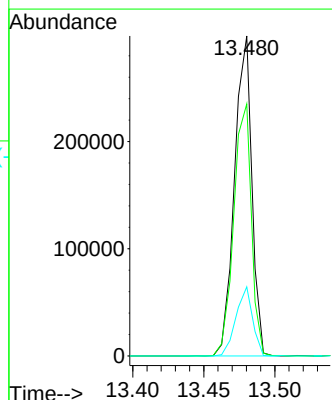
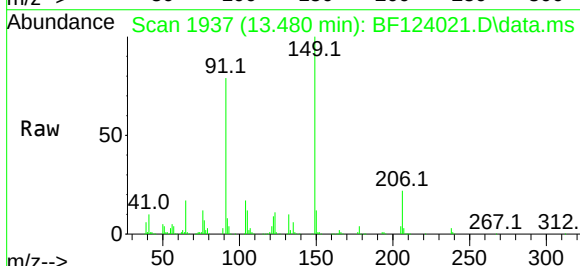
Tgt Ion:149 Resp: 253406

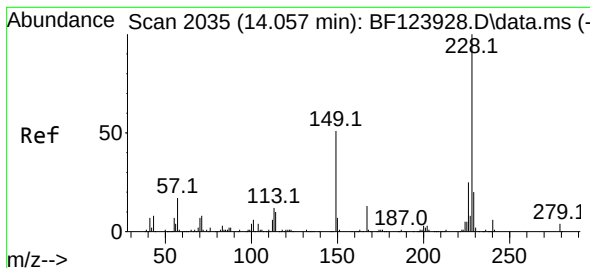
Ion Ratio Lower Upper

149 100

91 78.8 63.6 95.4

206 21.6 14.5 21.7

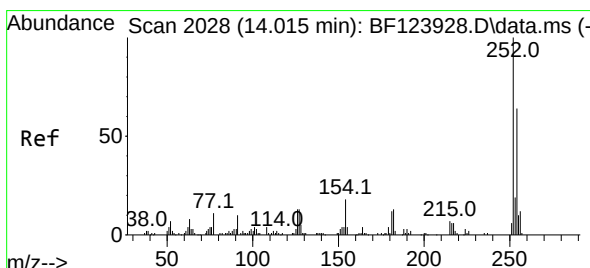
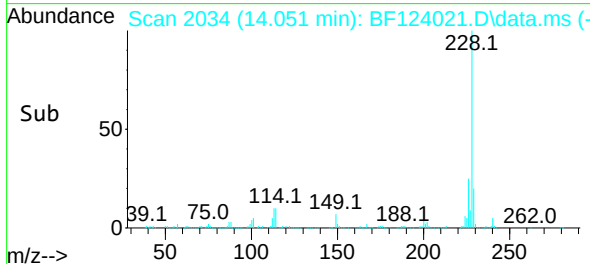
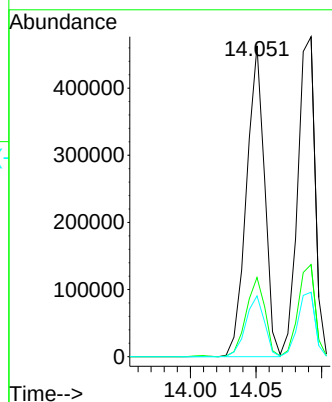
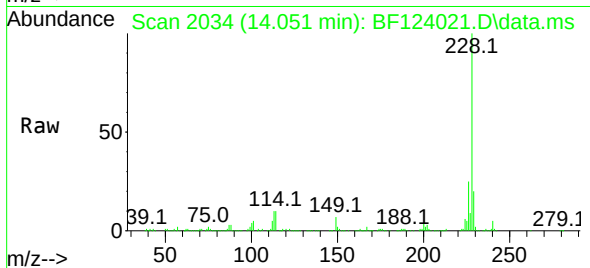




#81
Benzo(a)anthracene
Concen: 43.50 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

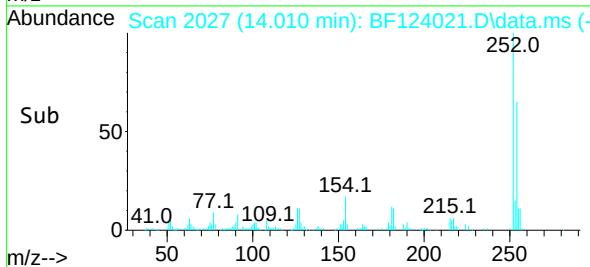
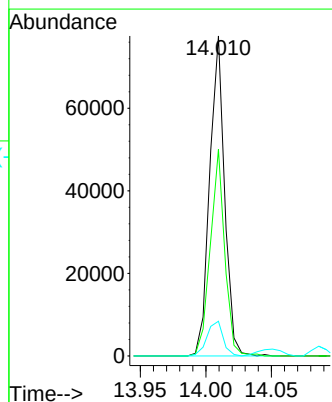
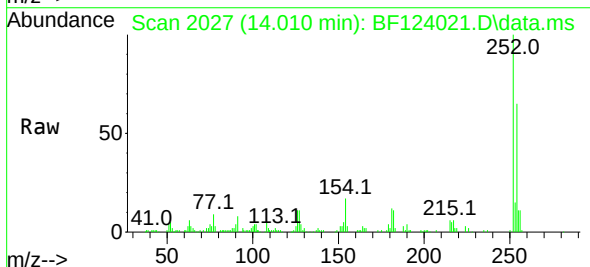
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

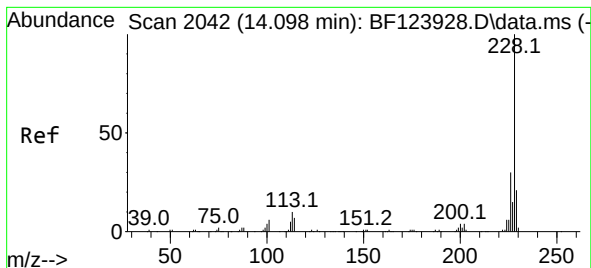
Tgt Ion:228 Resp: 442436
Ion Ratio Lower Upper
228 100
226 25.5 22.4 33.6
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 19.43 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:252 Resp: 61411
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 10.8 7.7 11.5





#83

Chrysene

Concen: 44.66 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

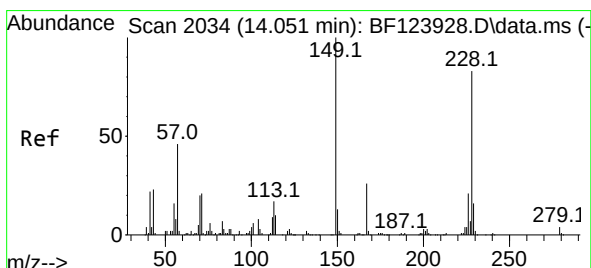
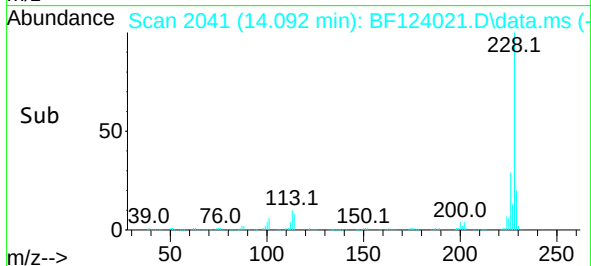
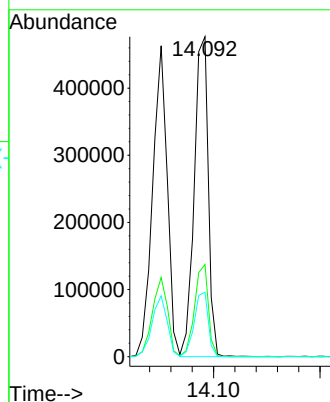
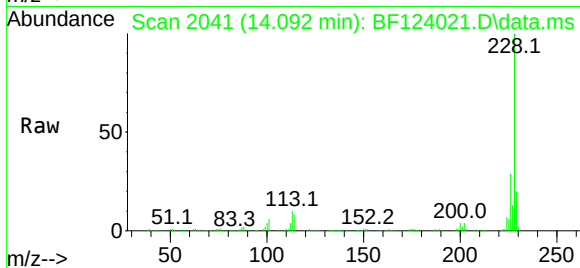
Tgt Ion:228 Resp: 436966

Ion Ratio Lower Upper

228 100

226 28.8 24.3 36.5

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.37 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF124021.D

Acq: 21 May 2021 16:41

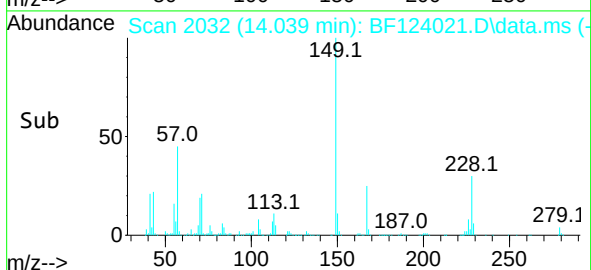
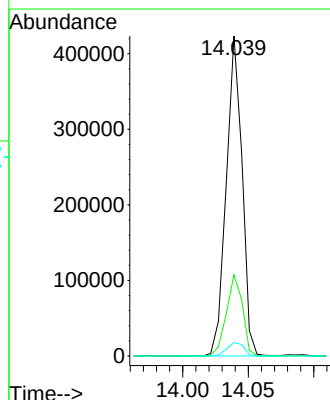
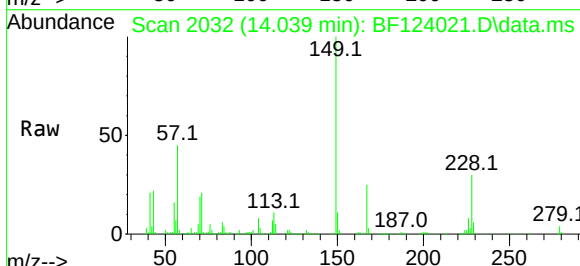
Tgt Ion:149 Resp: 354974

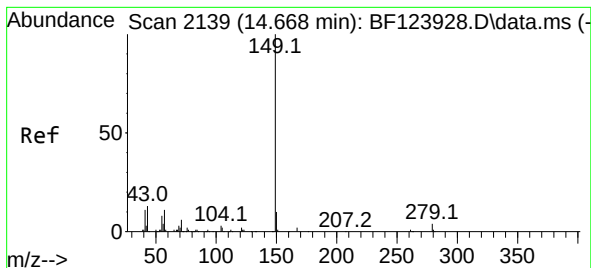
Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.6

279 4.2 3.3 4.9

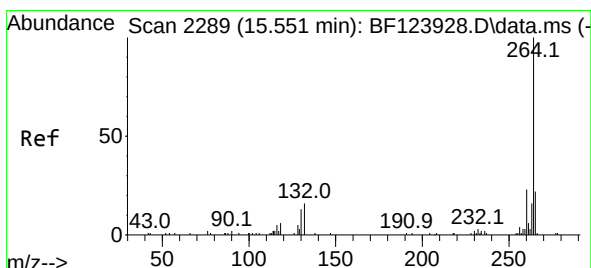
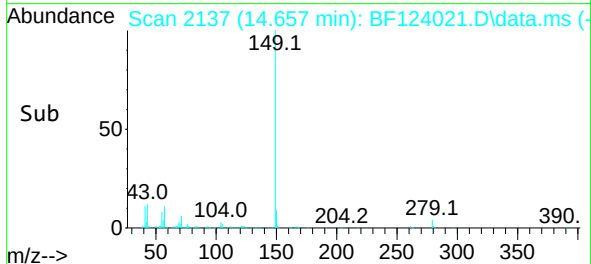
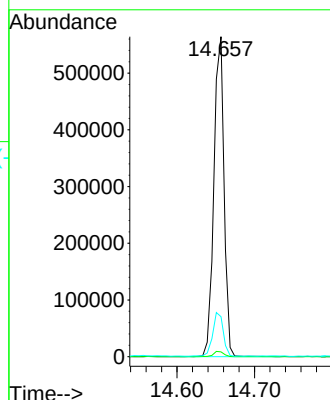
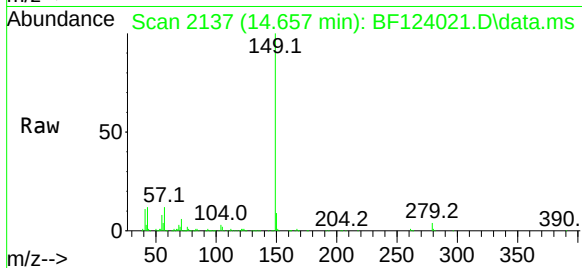




#85
Di-n-octyl phthalate
Concen: 49.33 ng
RT: 14.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

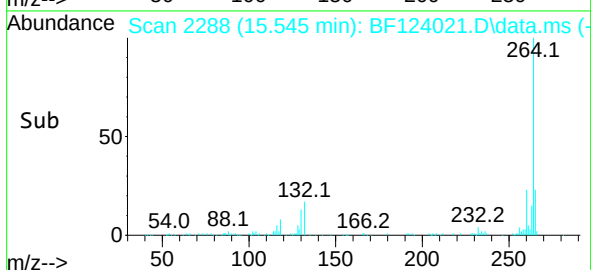
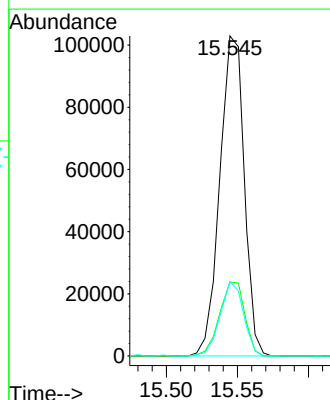
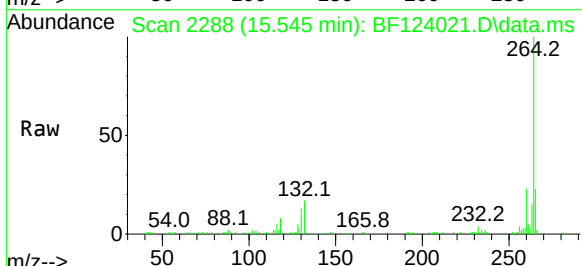
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

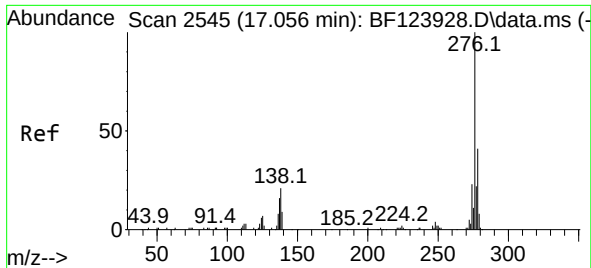
Tgt Ion:149 Resp: 515243
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.2 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:264 Resp: 123010
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 23.3 17.8 26.8

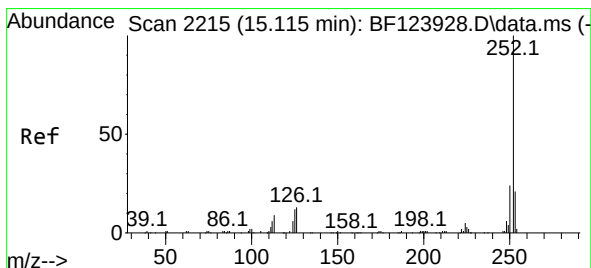
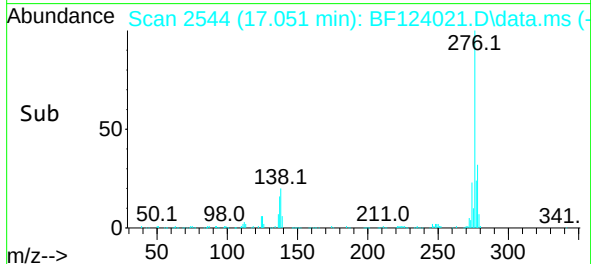
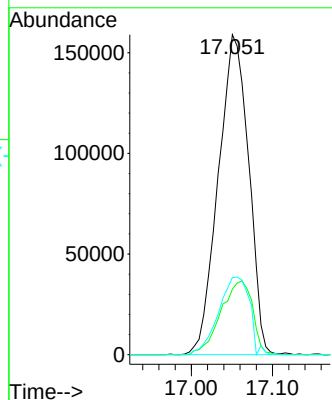
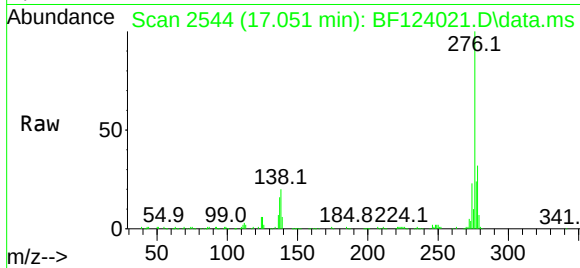




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.50 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

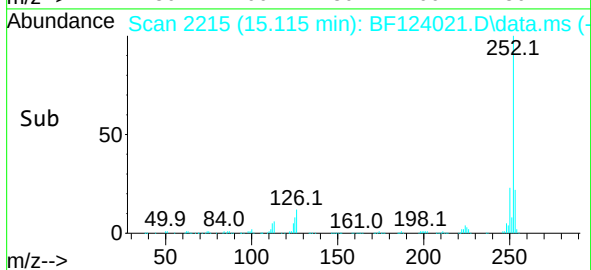
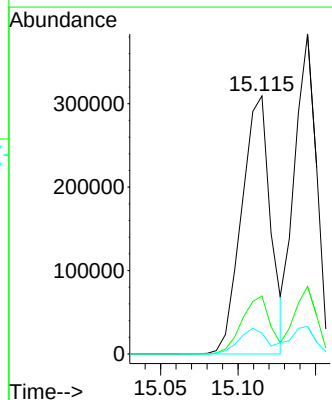
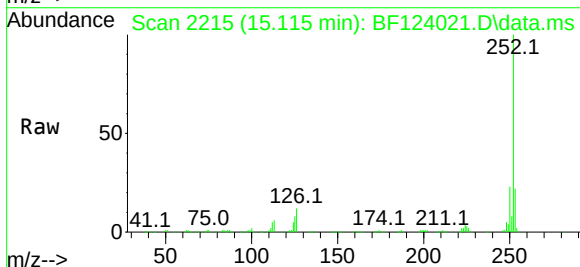
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

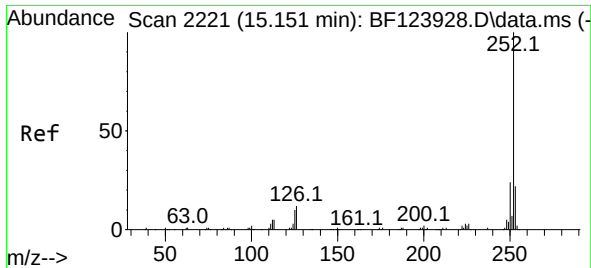
Tgt Ion:276 Resp: 413280
Ion Ratio Lower Upper
276 100
138 24.1 16.2 24.2
277 24.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 42.19 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:252 Resp: 401463
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.0 6.2 9.4

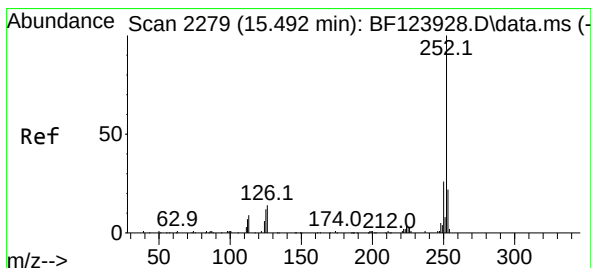
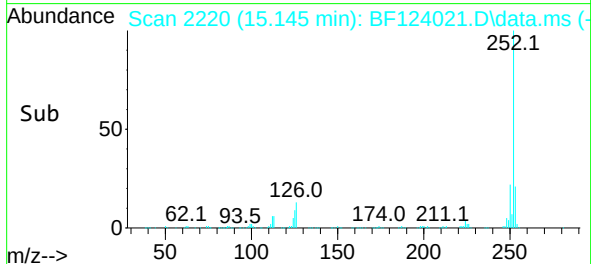
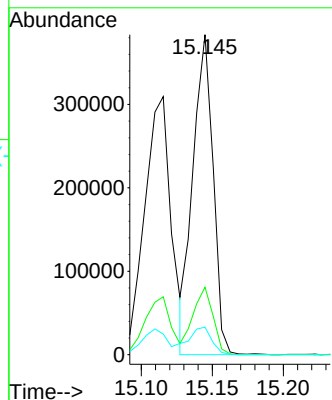
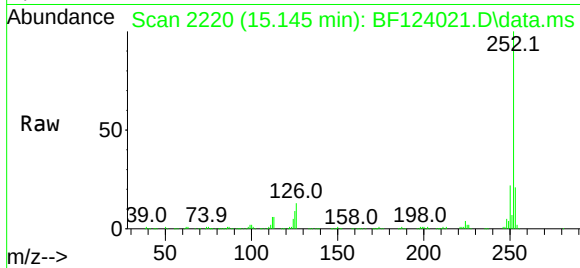




#89
Benzo(k)fluoranthene
Concen: 43.63 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

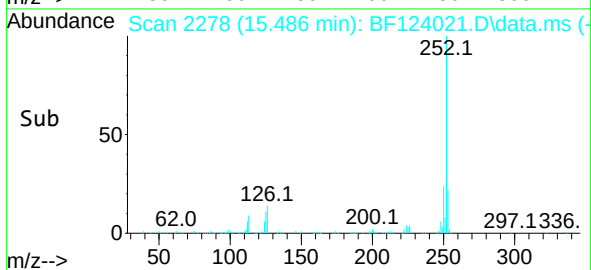
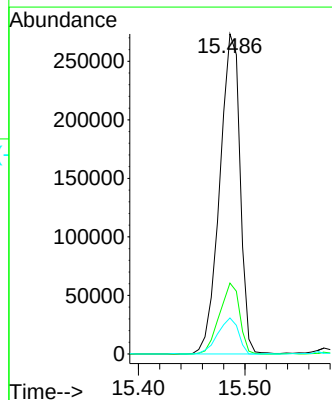
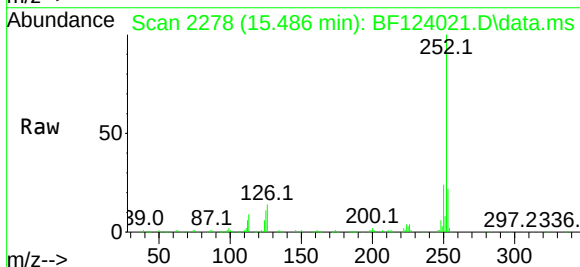
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

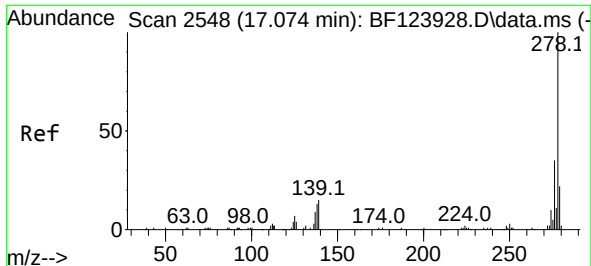
Tgt Ion:252 Resp: 378345
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 8.6 7.0 10.6



#90
Benzo(a)pyrene
Concen: 43.95 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:252 Resp: 361511
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 11.3 8.0 12.0

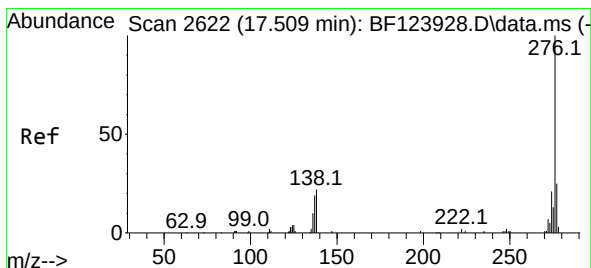
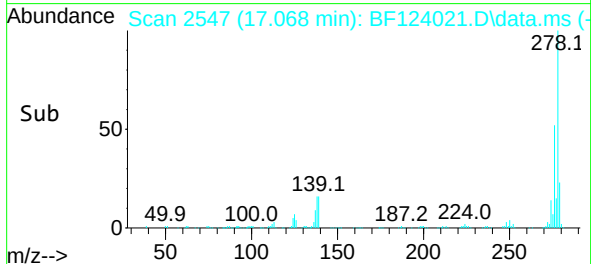
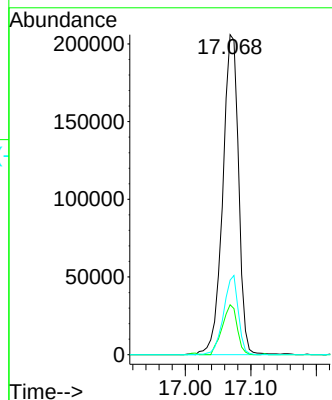
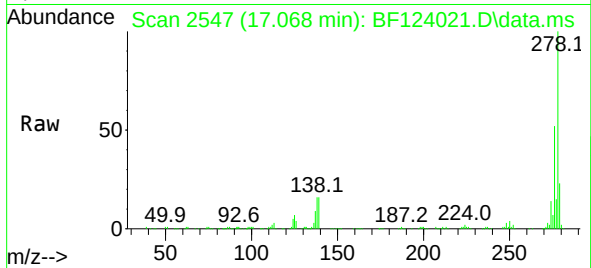




#91
Dibenzo(a,h)anthracene
Concen: 43.02 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.006 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMS

Tgt Ion:278 Resp: 344200
Ion Ratio Lower Upper
278 100
139 15.6 10.2 15.2#
279 23.3 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.33 ng
RT: 17.509 min Scan# 2622
Delta R.T. 0.000 min
Lab File: BF124021.D
Acq: 21 May 2021 16:41

Tgt Ion:276 Resp: 339660
Ion Ratio Lower Upper
276 100
277 21.5 18.2 27.2
138 18.5 13.8 20.6

