

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124853.D
 Acq On : 29 Jul 2021 16:08
 Operator : JU/CG
 Sample : M3206-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210590-AMENDED-COM-4MSD

Quant Time: Jul 29 16:31:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5895	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	23380	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	14221	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	27714	20.000	ng	0.00
76) Chrysene-d12	14.045	240	19403	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	15641	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	39173	112.513	ng	0.02
7) Phenol-d6	6.510	99	56720	129.949	ng	0.01
23) Nitrobenzene-d5	7.439	82	37466	95.376	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	14916	122.161	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	76291	78.794	ng	0.00
79) Terphenyl-d14	12.986	244	97515	86.149	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	5414	44.486	ng	# 100
3) Pyridine	3.440	79	12290	42.659	ng	93
4) n-Nitrosodimethylamine	3.399	42	11268	49.457	ng	91
6) Aniline	6.534	93	23048	51.380	ng	# 93
8) 2-Chlorophenol	6.657	128	19364	49.311	ng	91
9) Benzaldehyde	6.422	77	11746	49.983	ng	94
10) Phenol	6.522	94	22845	54.655	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	17734	53.510	ng	94
12) 1,3-Dichlorobenzene	6.816	146	20170	47.258	ng	96
13) 1,4-Dichlorobenzene	6.892	146	20542	48.110	ng	94
14) 1,2-Dichlorobenzene	7.045	146	19948	48.353	ng	97
15) Benzyl Alcohol	7.016	79	16402	57.144	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	29603	53.071	ng	94
17) 2-Methylphenol	7.128	107	15418	53.894	ng	95
18) Hexachloroethane	7.387	117	8670	53.572	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	14108	60.530	ng	# 86
20) 3+4-Methylphenols	7.281	107	20060	53.072	ng	# 79
22) Acetophenone	7.287	105	27965	51.615	ng	96
24) Nitrobenzene	7.457	77	20079	52.136	ng	92
25) Isophorone	7.698	82	37206	53.565	ng	93
26) 2-Nitrophenol	7.775	139	11134	52.197	ng	# 93
27) 2,4-Dimethylphenol	7.810	122	17584	53.573	ng	86
28) bis(2-Chloroethoxy)met...	7.904	93	23395	57.959	ng	98
29) 2,4-Dichlorophenol	8.016	162	17113	49.230	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	18565	48.728	ng	98
31) Naphthalene	8.181	128	57353	47.006	ng	99
32) Benzoic acid	7.945	122	11666	45.920	ng	98
33) 4-Chloroaniline	8.228	127	14630	31.887	ng	97
34) Hexachlorobutadiene	8.292	225	11228	49.301	ng	96
35) Caprolactam	8.610	113	3452	38.207	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	19795	59.701	ng	86
37) 2-Methylnaphthalene	8.869	142	41341	50.710	ng	97
38) 1-Methylnaphthalene	8.969	142	37456	48.498	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	19585	49.359	ng	95
41) Hexachlorocyclopentadiene	9.022	237	20348	86.678	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	13830	49.099	ng	98

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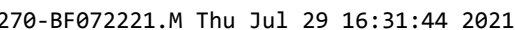
Instrument :
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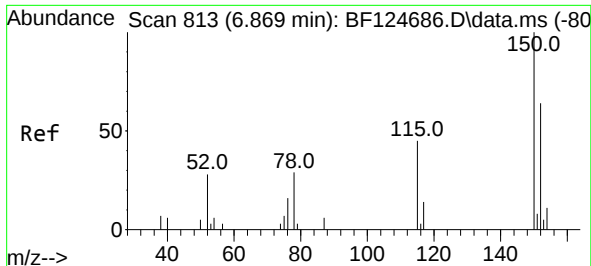
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	14427	49.882	ng	98
46) 1,1'-Biphenyl	9.339	154	49700	46.820	ng	95
47) 2-Chloronaphthalene	9.363	162	39556	47.072	ng	97
48) 2-Nitroaniline	9.457	65	12909	58.667	ng	92
49) Acenaphthylene	9.780	152	63202	48.770	ng	99
50) Dimethylphthalate	9.639	163	50891	51.972	ng	99
51) 2,6-Dinitrotoluene	9.704	165	11390	52.651	ng	97
52) Acenaphthene	9.951	154	37379	43.511	ng	95
53) 3-Nitroaniline	9.875	138	8674	38.112	ng	93
54) 2,4-Dinitrophenol	9.980	184	12675	101.324	ng	94
55) Dibenzofuran	10.122	168	60055	48.921	ng	98
56) 4-Nitrophenol	10.039	139	19549	108.772	ng	# 76
57) 2,4-Dinitrotoluene	10.110	165	15936	54.284	ng	# 93
58) Fluorene	10.469	166	47002	49.911	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12030	52.668	ng	# 96
60) Diethylphthalate	10.339	149	55366	54.374	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	23045	50.622	ng	94
62) 4-Nitroaniline	10.492	138	11774	52.283	ng	93
63) Azobenzene	10.616	77	49219	54.637	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	8721	48.591	ng	# 71
66) n-Nitrosodiphenylamine	10.580	169	41308	45.995	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	14881	50.629	ng	# 91
68) Hexachlorobenzene	11.016	284	16048	52.572	ng	# 87
69) Atrazine	11.110	200	14881	54.498	ng	91
70) Pentachlorophenol	11.210	266	18423	97.057	ng	96
71) Phenanthrene	11.433	178	72778	48.825	ng	99
72) Anthracene	11.486	178	75433	50.621	ng	98
73) Carbazole	11.639	167	66086	47.312	ng	99
74) Di-n-butylphthalate	11.963	149	99453	53.455	ng	100
75) Fluoranthene	12.621	202	79244	52.097	ng	98
77) Benzidine	12.739	184	35518	64.915	ng	98
78) Pyrene	12.851	202	78504	51.107	ng	98
80) Butylbenzylphthalate	13.463	149	41928	56.989	ng	99
81) Benzo(a)anthracene	14.033	228	60715	47.871	ng	97
82) 3,3'-Dichlorobenzidine	13.998	252	16872	47.934	ng	100
83) Chrysene	14.074	228	57787	47.292	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	62873	58.017	ng	99
85) Di-n-octyl phthalate	14.627	149	94569	53.777	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	51662	57.212	ng	93
88) Benzo(b)fluoranthene	15.092	252	51065	46.370	ng	97
89) Benzo(k)fluoranthene	15.121	252	48092	47.795	ng	98
90) Benzo(a)pyrene	15.462	252	47314	51.432	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	43917	55.555	ng	95
92) Benzo(g,h,i)perylene	17.474	276	42087	56.144	ng	# 91

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

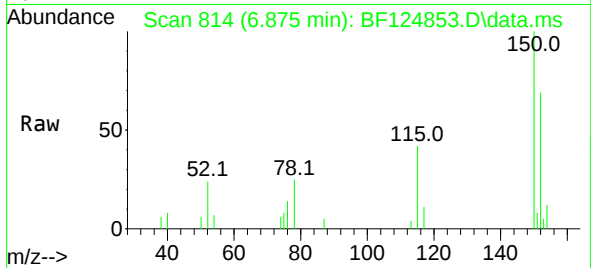
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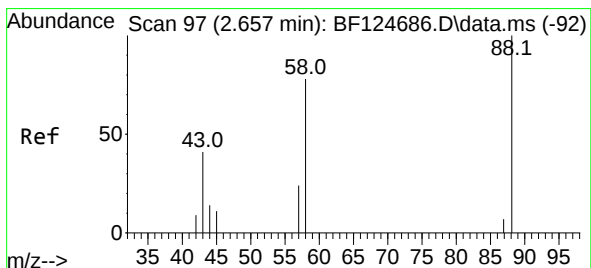
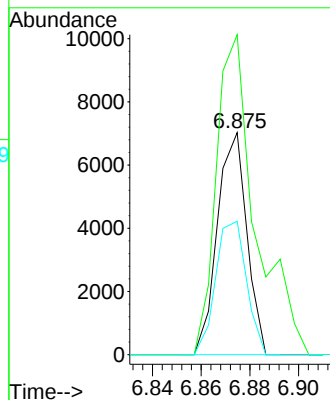
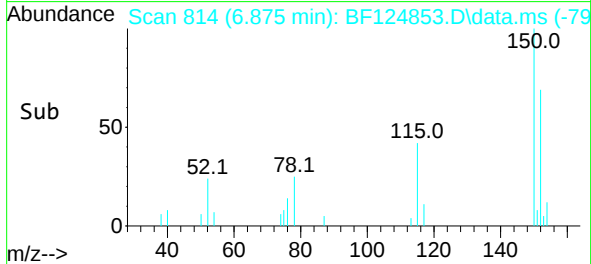


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

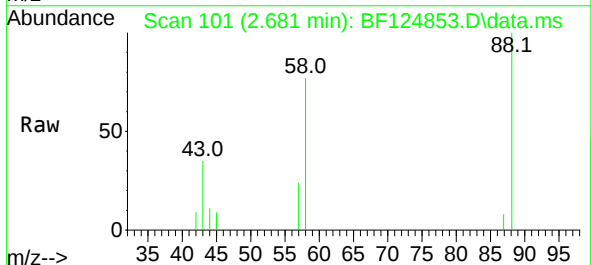
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20210590-AMENDED-COM-4MSD



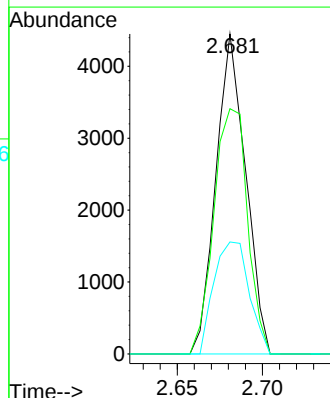
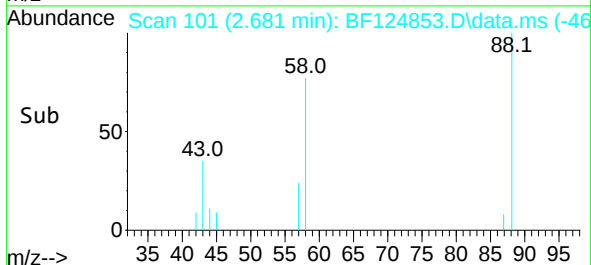
Tgt Ion:152 Resp: 5895
Ion Ratio Lower Upper
152 100
150 144.0 117.6 176.4
115 60.1 47.1 70.7

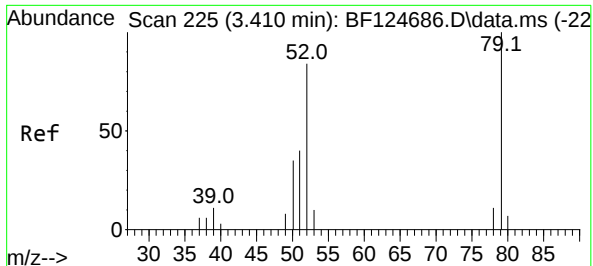


#2
1,4-Dioxane
Concen: 44.486 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.023 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08



Tgt Ion: 88 Resp: 5414
Ion Ratio Lower Upper
88 100
58 86.6 0.0 0.0#
43 41.4 0.0 0.0#

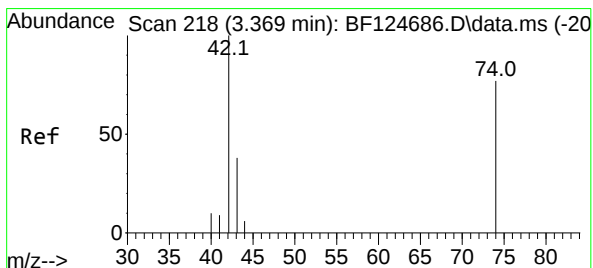
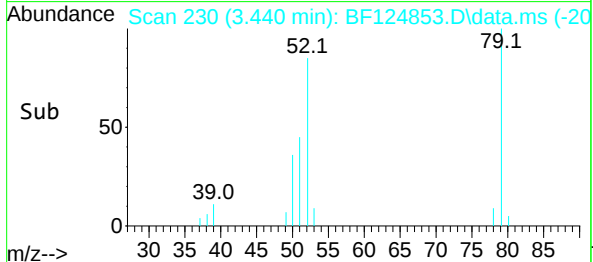
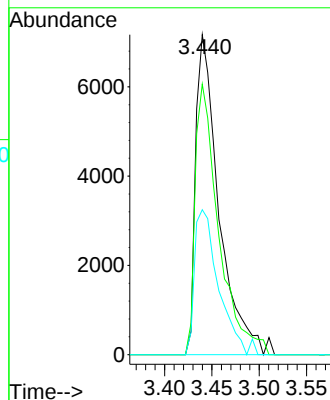
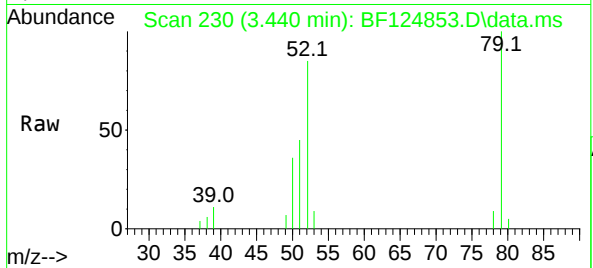




#3
Pyridine
Concen: 42.659 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.029 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

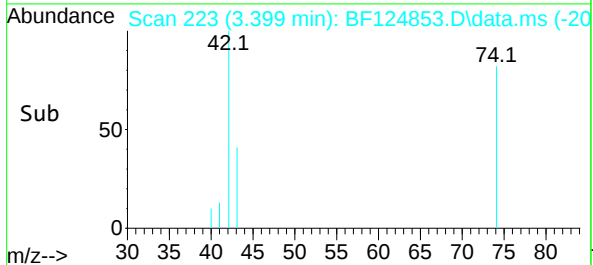
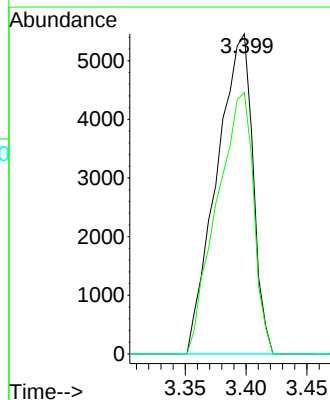
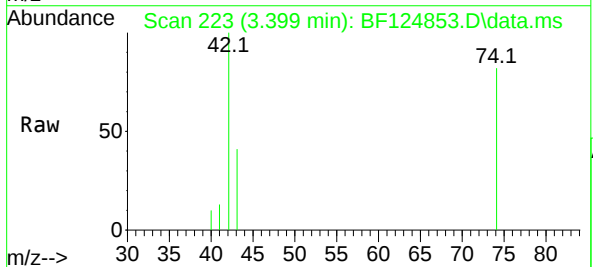
Instrument :
BNA_F
ClientSampleId :
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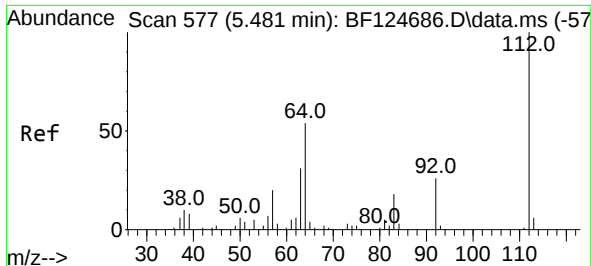
Tgt Ion: 79	Resp: 12290
Ion Ratio	Lower Upper
79 100	
52 84.6	70.3 105.5
51 45.3	44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 49.457 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.029 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion: 42	Resp: 11268
Ion Ratio	Lower Upper
42 100	
74 81.7	59.0 88.6
44 0.0	0.0 0.0

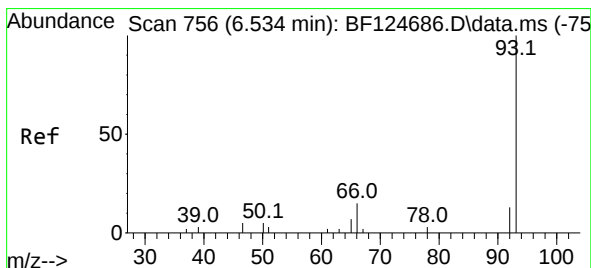
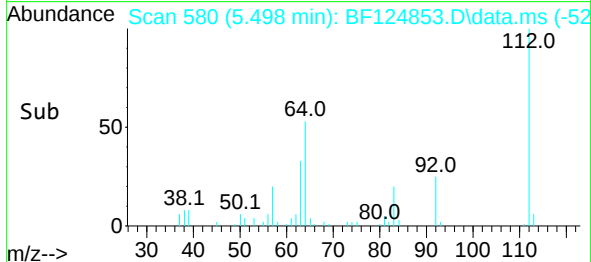
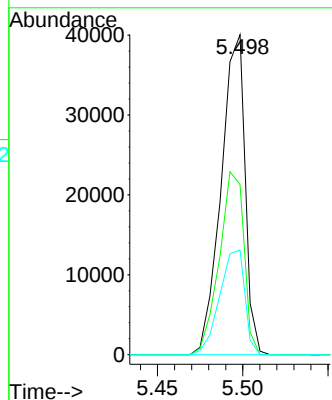
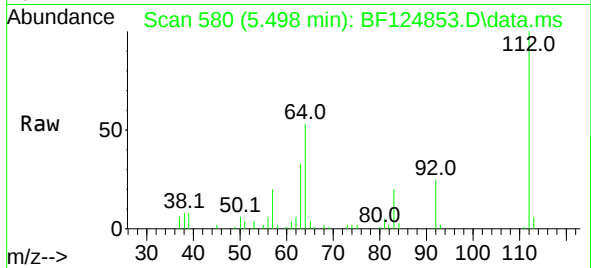




#5
2-Fluorophenol
Concen: 112.513 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

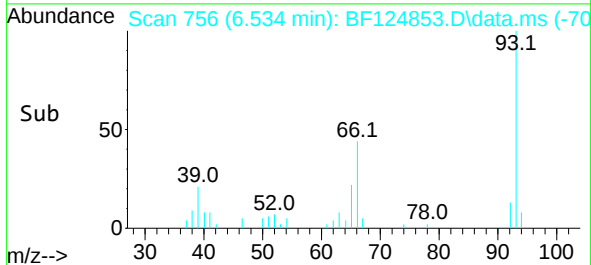
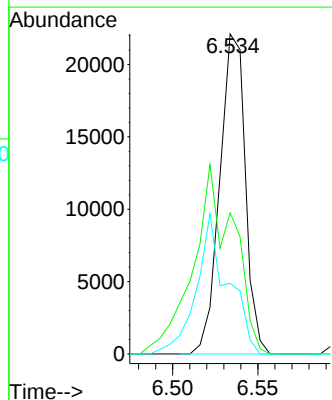
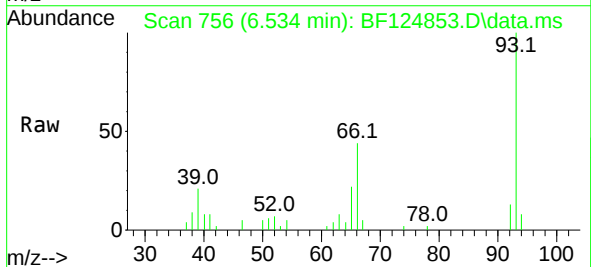
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ClientSampleId :
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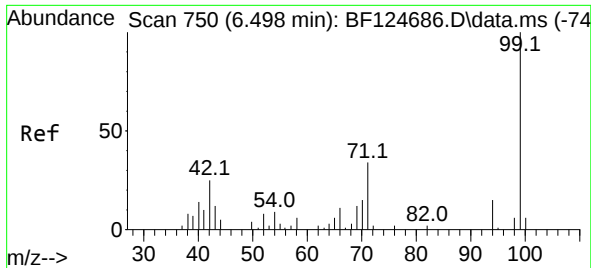
Tgt Ion:112 Resp: 39173
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 32.7 26.2 39.2



#6
Aniline
Concen: 51.380 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion: 93 Resp: 23048
Ion Ratio Lower Upper
93 100
66 44.1 32.7 49.1
65 22.1 14.2 21.4#

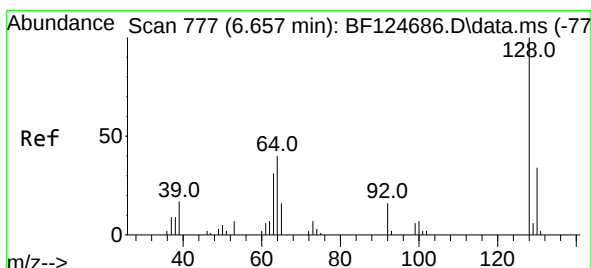
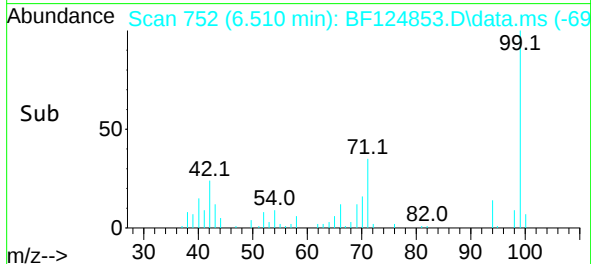
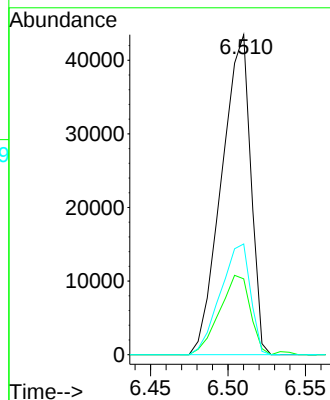
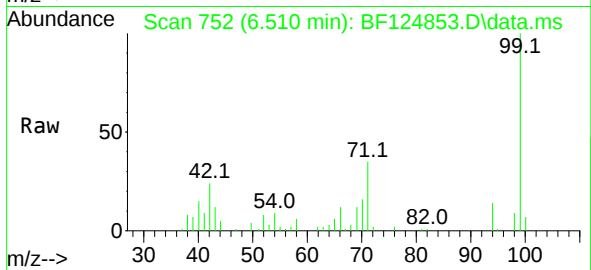




#7
Phenol-d6
Concen: 129.949 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

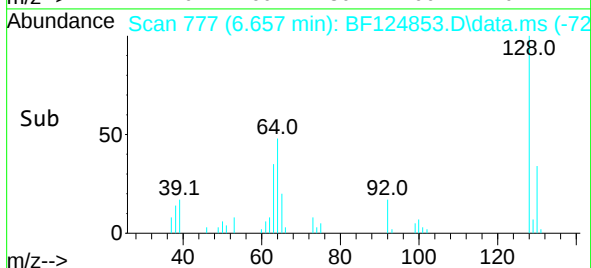
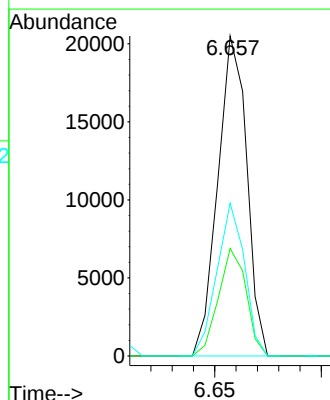
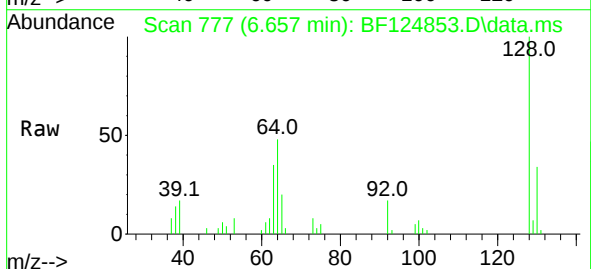
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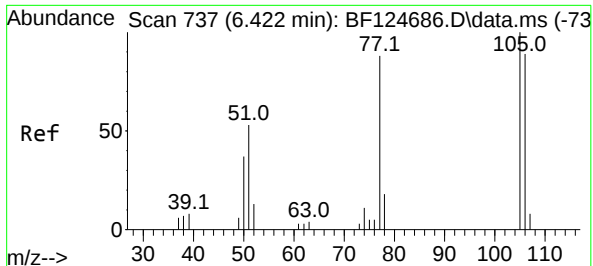
Tgt Ion:	99	Resp:	56720
Ion	Ratio	Lower	Upper
99	100		
42	23.7	23.5	35.3
71	34.6	25.6	38.4



#8
2-Chlorophenol
Concen: 49.311 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	128	Resp:	19364
Ion	Ratio	Lower	Upper
128	100		
130	33.6	10.5	50.5
64	47.7	20.3	60.3

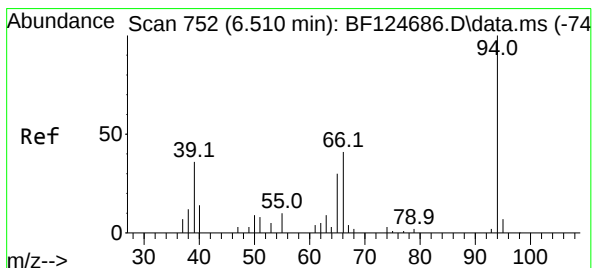
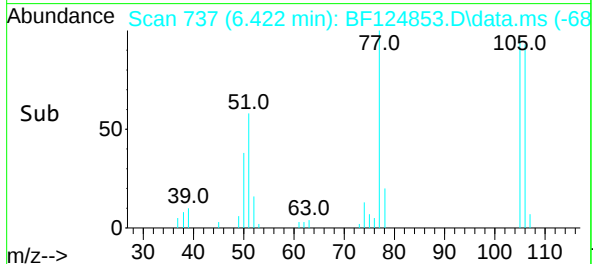
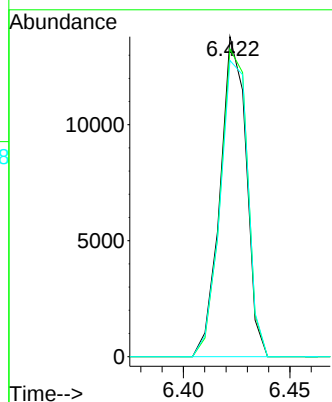
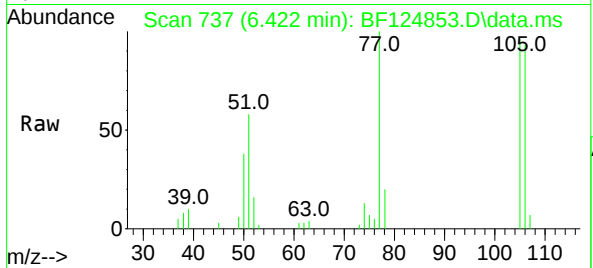




#9
Benzaldehyde
Concen: 49.983 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

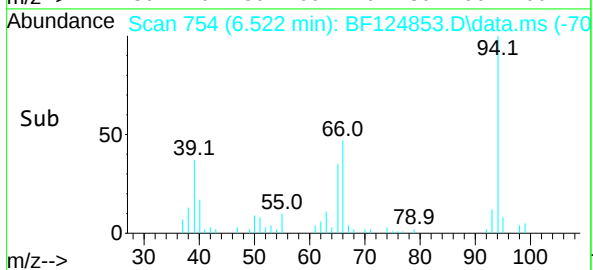
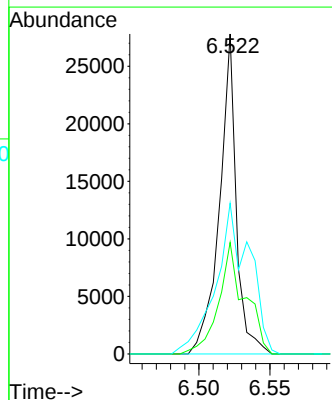
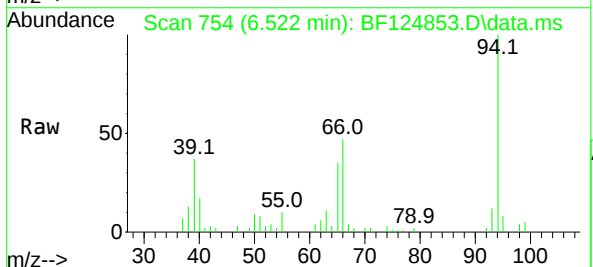
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

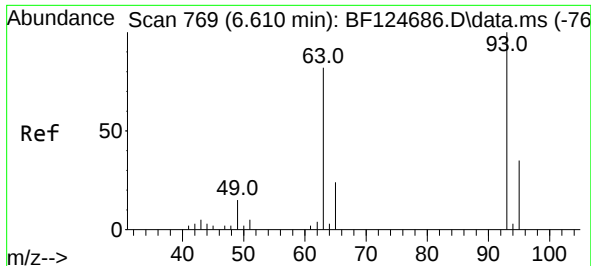
Tgt Ion:	77	Resp:	11746
Ion	Ratio	Lower	Upper
77	100		
105	96.1	75.9	115.9
106	92.5	84.0	124.0



#10
Phenol
Concen: 54.655 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

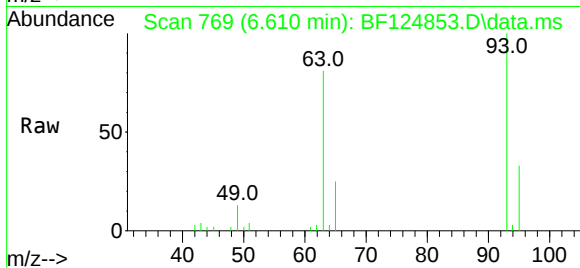
Tgt Ion:	94	Resp:	22845
Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.3	49.3
66	47.1	20.3	60.3



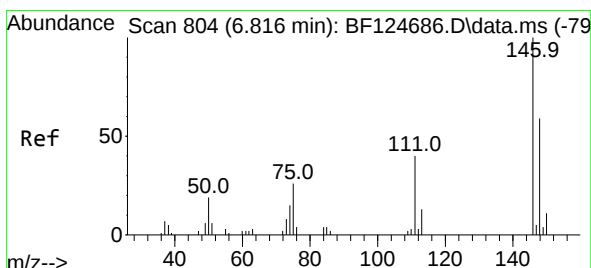
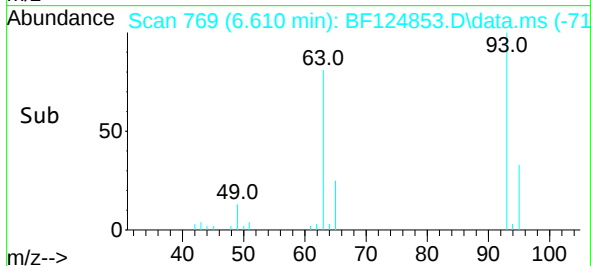
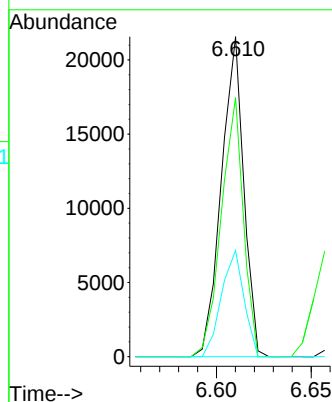


#11
bis(2-Chloroethyl)ether
Concen: 53.510 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

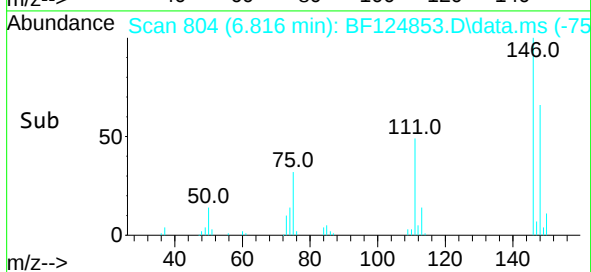
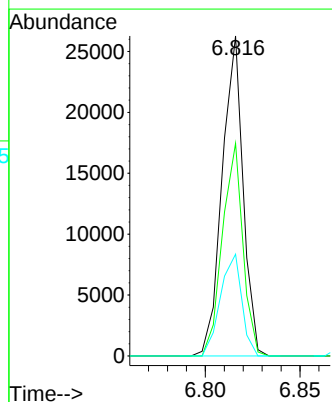
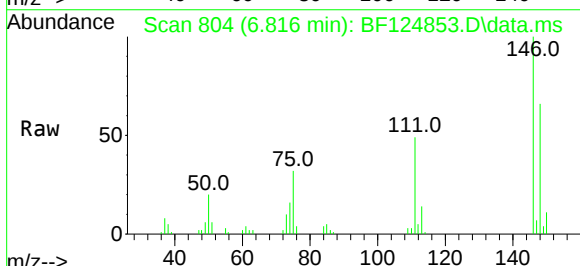


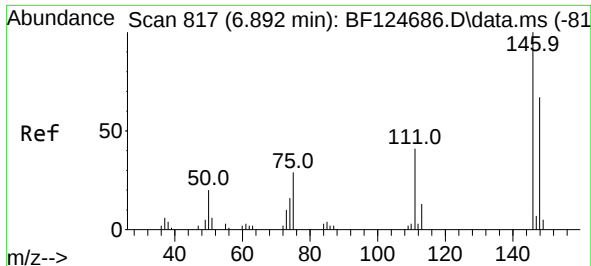
Tgt Ion: 93	Resp: 17734
Ion Ratio	Lower Upper
93 100	
63 80.9	54.4 94.4
95 33.2	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 47.258 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:146	Resp: 20170		
Ion Ratio	Lower	Upper	
146 100			
148 66.4	49.7	74.5	
75 31.8	25.2	37.8	

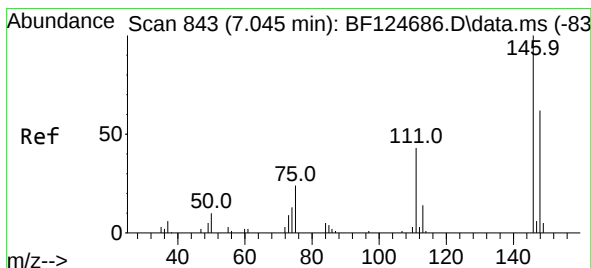
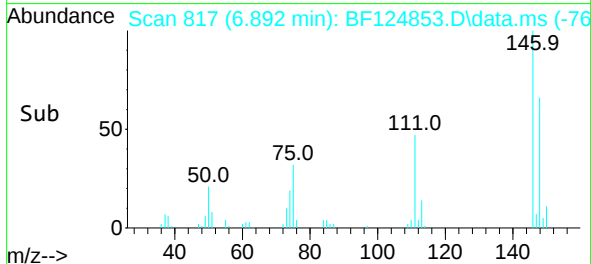
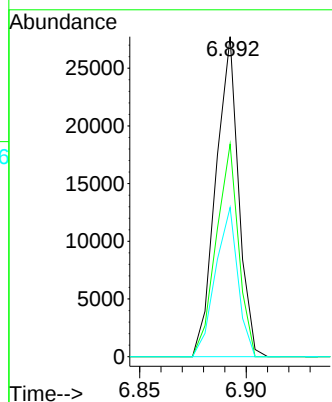
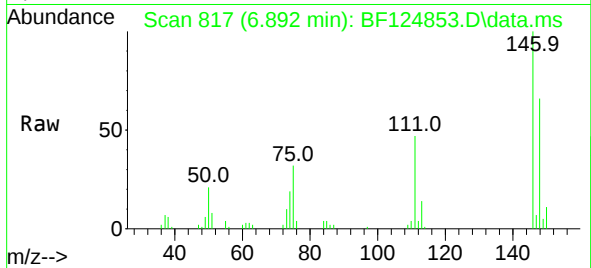




#13
1,4-Dichlorobenzene
Concen: 48.110 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

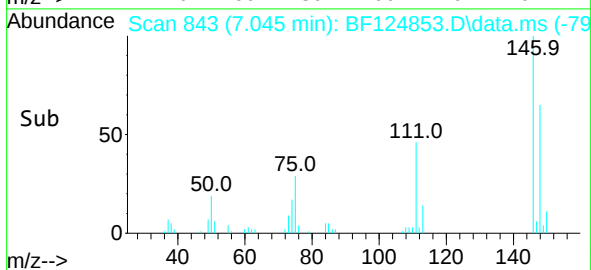
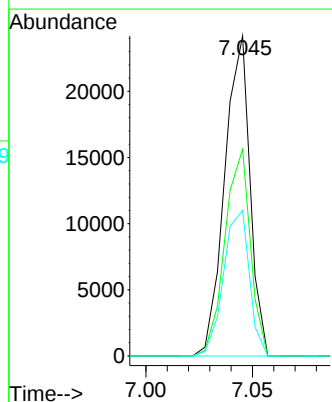
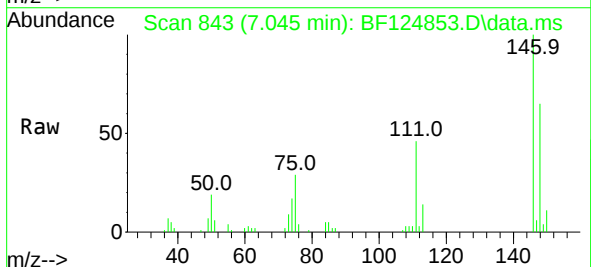
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

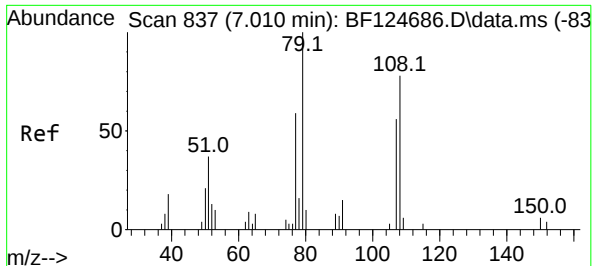
Tgt Ion:146 Resp: 20542
Ion Ratio Lower Upper
146 100
148 66.5 51.9 77.9
111 46.6 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 48.353 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:146 Resp: 19948
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 45.5 33.5 50.3





#15

Benzyl Alcohol

Concen: 57.144 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

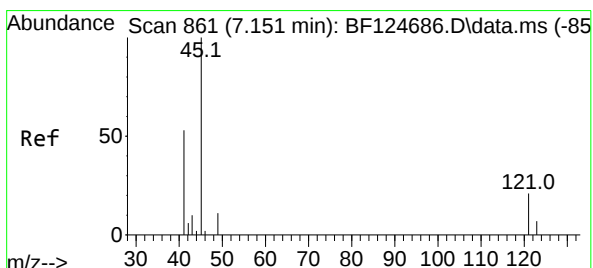
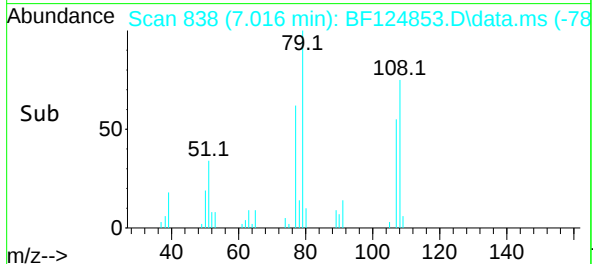
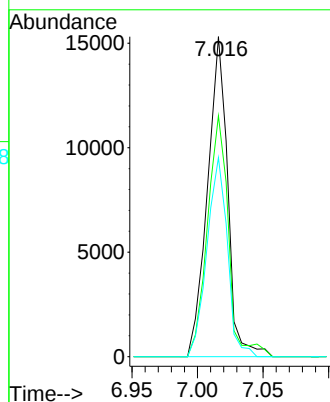
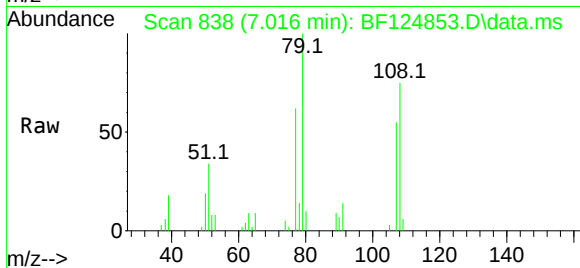
Tgt Ion: 79 Resp: 16402

Ion Ratio Lower Upper

79 100

108 75.2 60.4 90.6

77 62.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.071 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

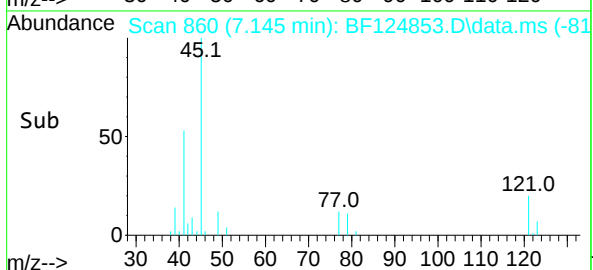
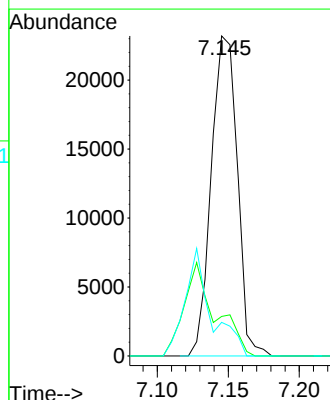
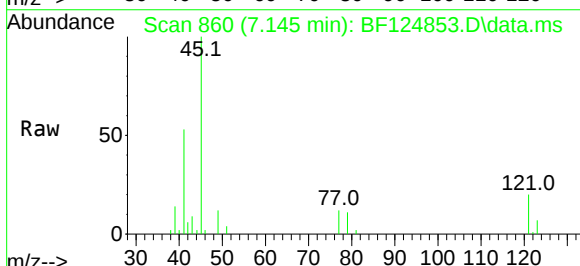
Tgt Ion: 45 Resp: 29603

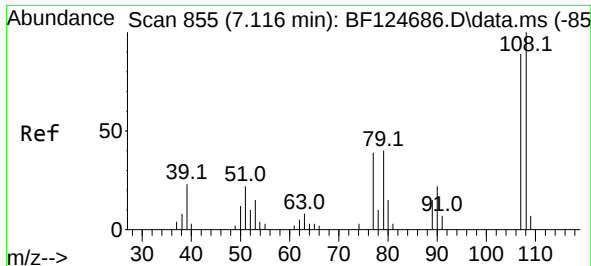
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.6

79 10.5 0.0 27.5

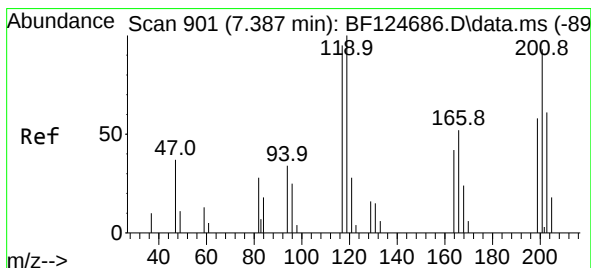
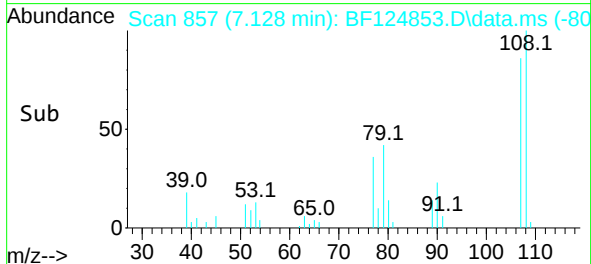
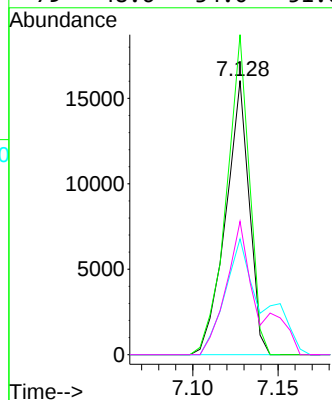
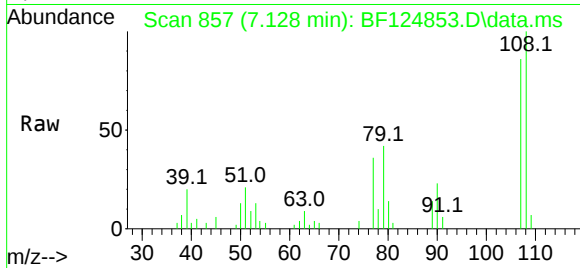




#17
2-Methylphenol
Concen: 53.894 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

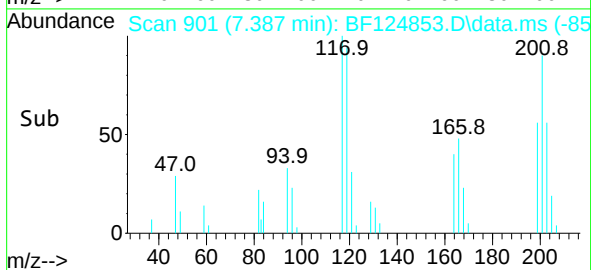
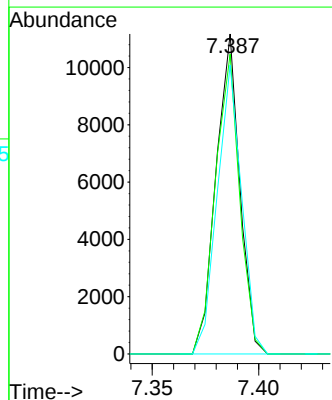
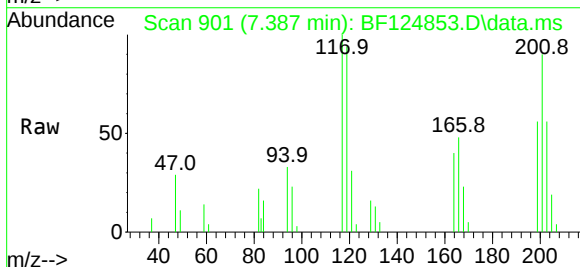
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

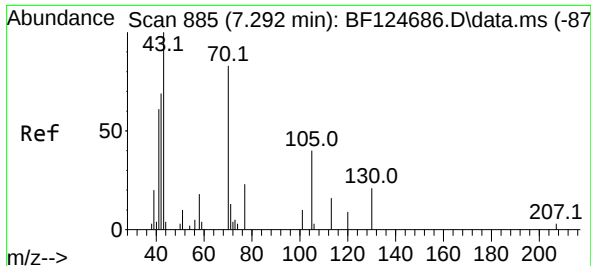
Tgt Ion:	107	Resp:	15418
Ion	Ratio	Lower	Upper
107	100		
108	116.8	90.6	135.8
77	42.3	35.7	53.5
79	48.6	34.0	51.0



#18
Hexachloroethane
Concen: 53.572 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	117	Resp:	8670
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.4	110.2
201	90.3	64.9	97.3



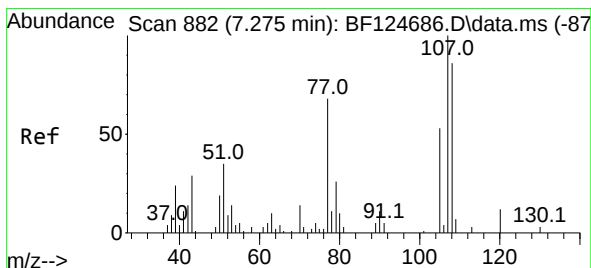
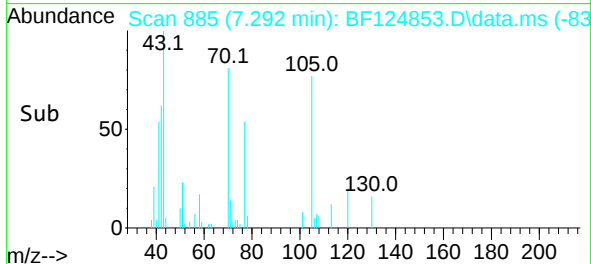
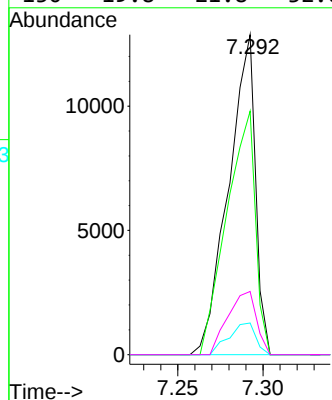
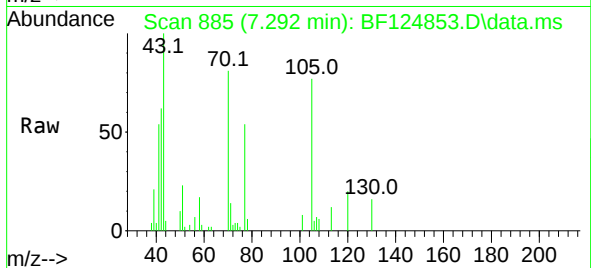


#19

n-Nitroso-di-n-propylamine
Concen: 60.530 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

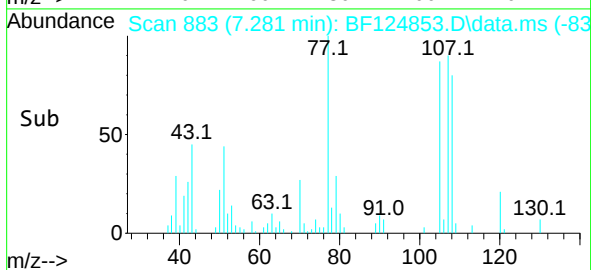
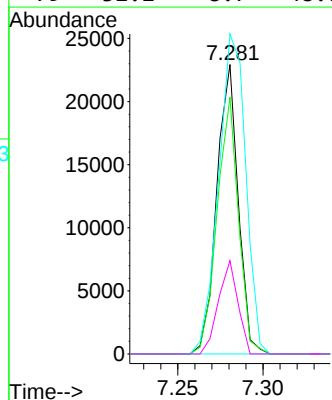
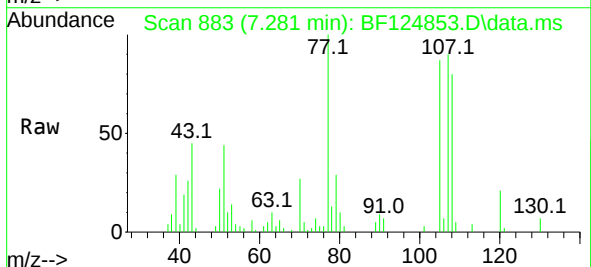
Tgt Ion:	70	Resp:	14108
Ion	Ratio	Lower	Upper
70	100		
42	76.1	72.2	108.2
101	9.9	7.8	11.8
130	19.8	21.8	32.6

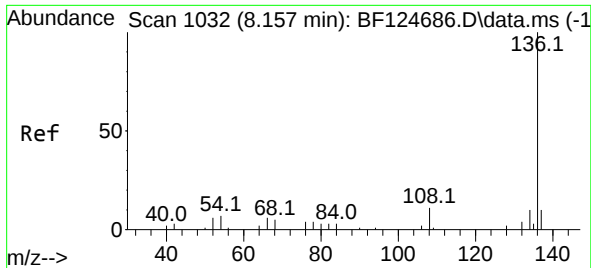


#20

3+4-Methylphenols
Concen: 53.072 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	107	Resp:	20060
Ion	Ratio	Lower	Upper
107	100		
108	88.6	76.6	116.6
77	110.5	53.3	93.3
79	32.2	8.7	48.7

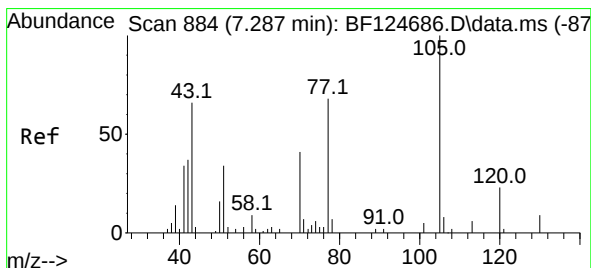
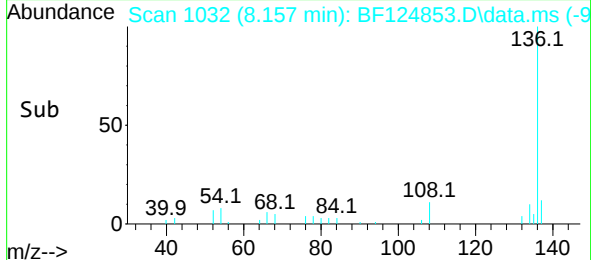
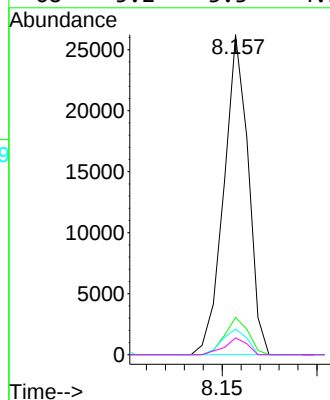
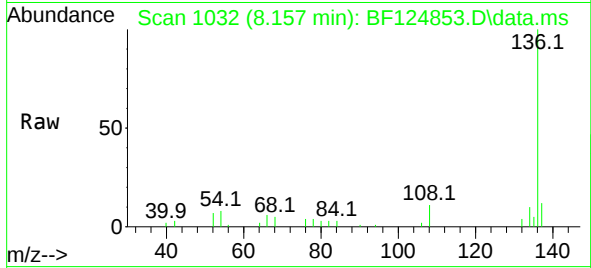




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

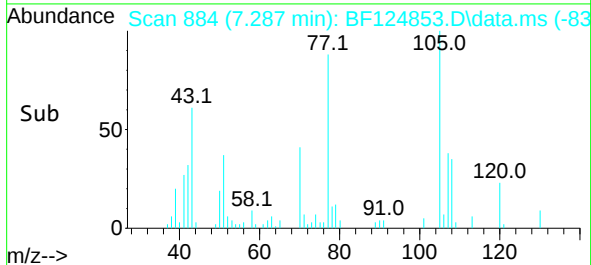
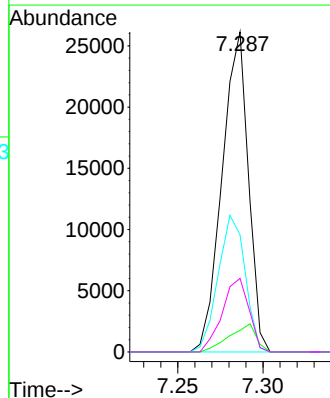
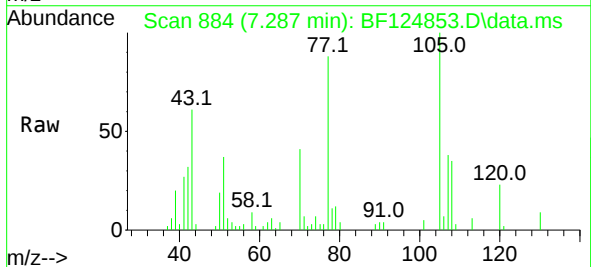
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

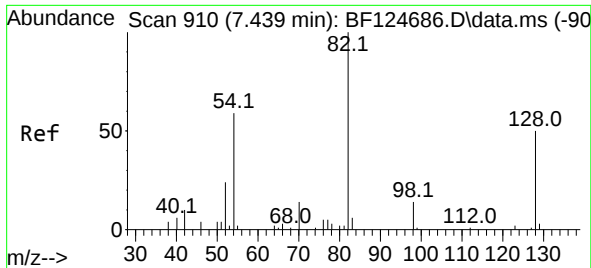
Tgt Ion:	136	Resp:	23380
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.8	14.6
54	8.0	6.4	9.6
68	5.2	3.3	4.9



#22
Acetophenone
Concen: 51.615 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	105	Resp:	27965
Ion Ratio	Lower	Upper	
105	100		
71	6.8	5.5	8.3
51	36.6	26.0	39.0
120	23.0	18.5	27.7

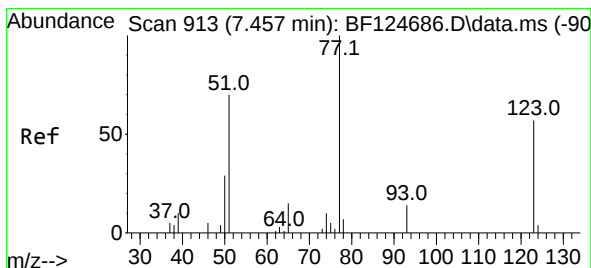
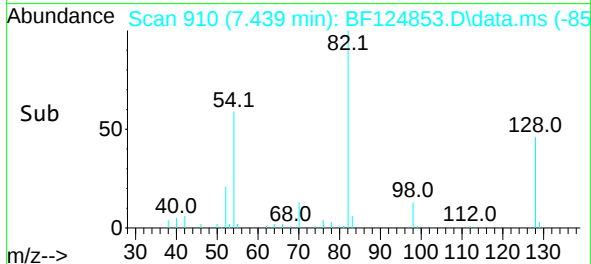
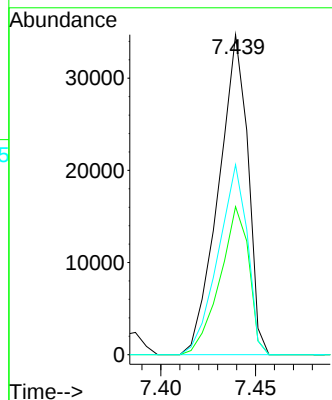
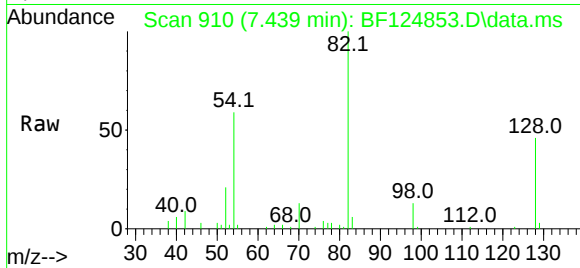




#23
Nitrobenzene-d5
Concen: 95.376 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

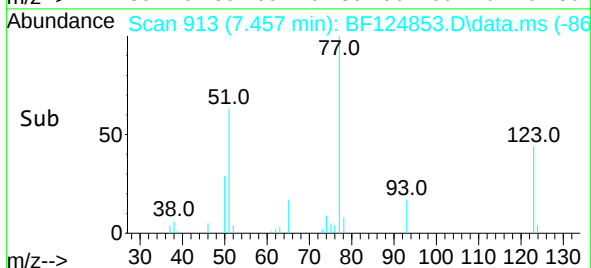
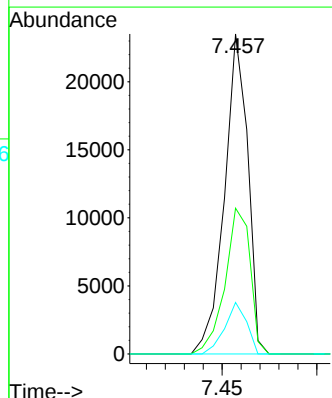
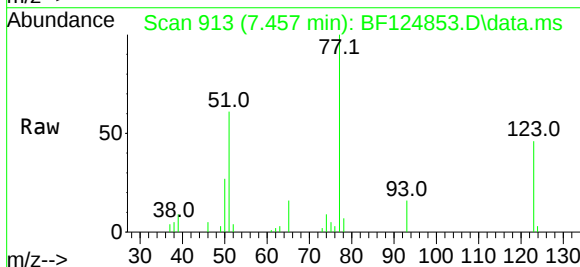
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

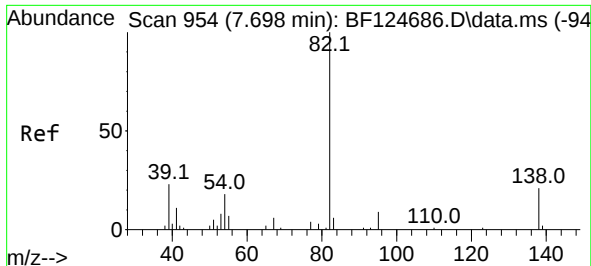
Tgt Ion: 82 Resp: 37466
Ion Ratio Lower Upper
82 100
128 46.2 40.6 60.8
54 59.3 49.6 74.4



#24
Nitrobenzene
Concen: 52.136 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion: 77 Resp: 20079
Ion Ratio Lower Upper
77 100
123 45.6 42.3 63.5
65 16.1 12.4 18.6

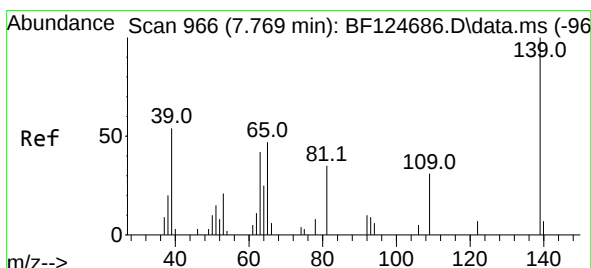
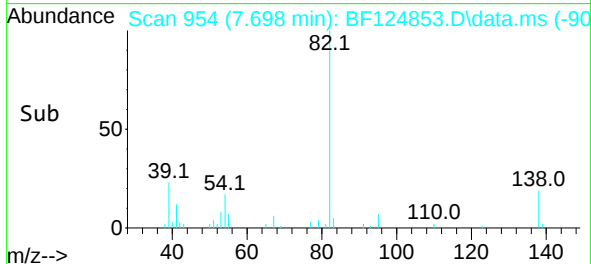
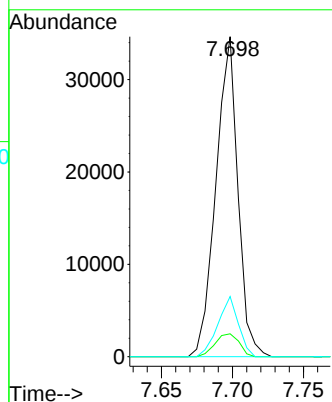
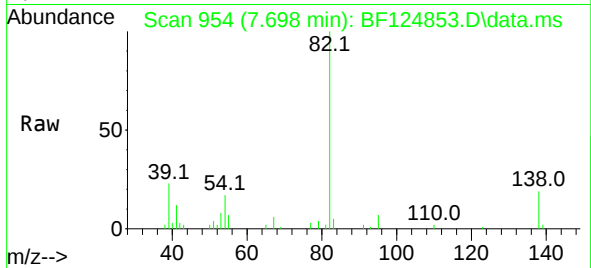




#25
Isophorone
Concen: 53.565 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

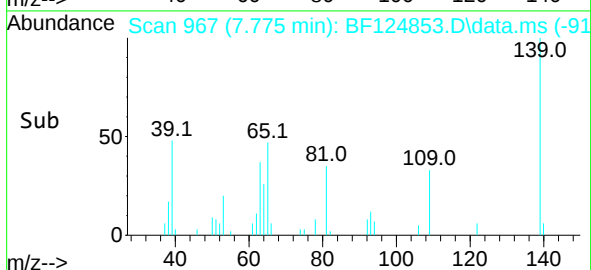
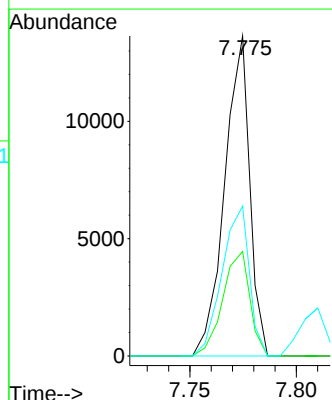
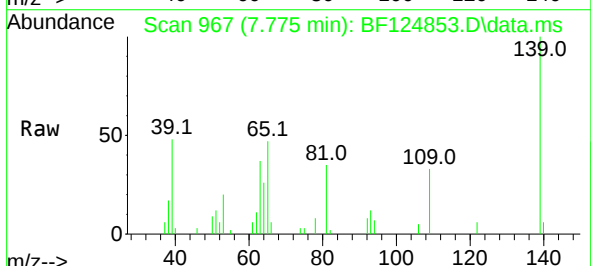
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

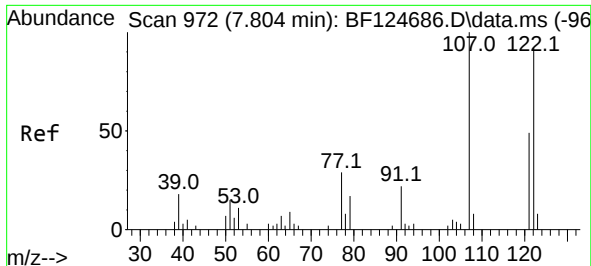
Tgt Ion: 82 Resp: 37206
Ion Ratio Lower Upper
82 100
95 7.1 6.5 9.7
138 18.8 18.4 27.6



#26
2-Nitrophenol
Concen: 52.197 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:139 Resp: 11134
Ion Ratio Lower Upper
139 100
109 32.6 26.0 39.0
65 46.8 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 53.573 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

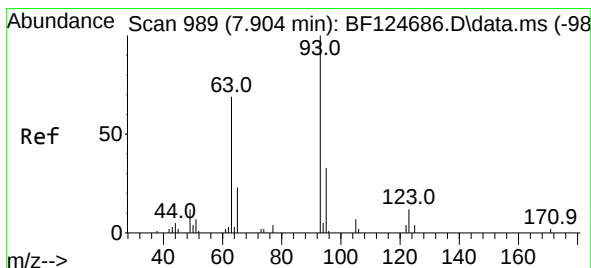
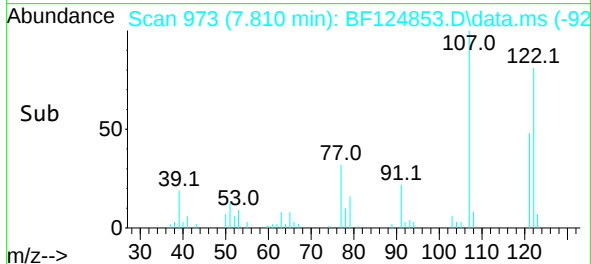
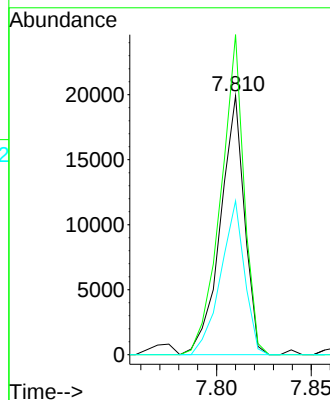
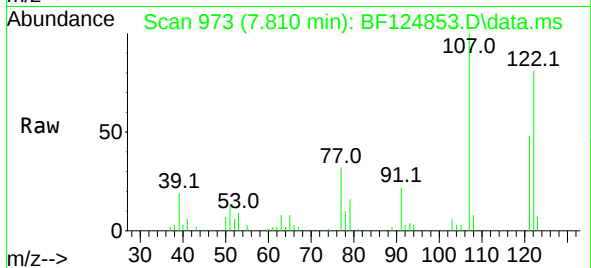
Tgt Ion:122 Resp: 17584

Ion Ratio Lower Upper

122 100

107 123.6 85.0 127.6

121 59.4 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 57.959 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

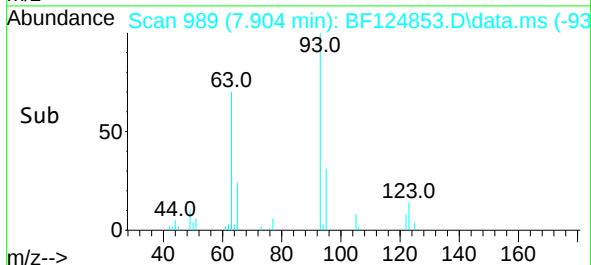
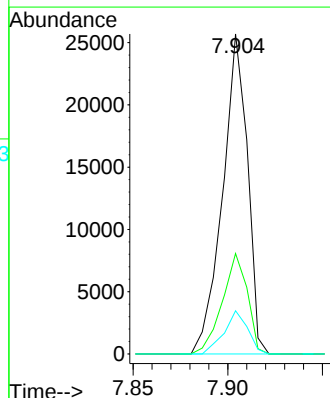
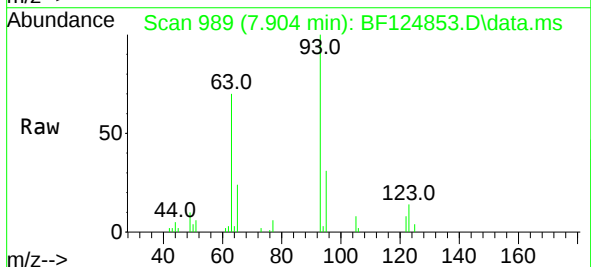
Tgt Ion: 93 Resp: 23395

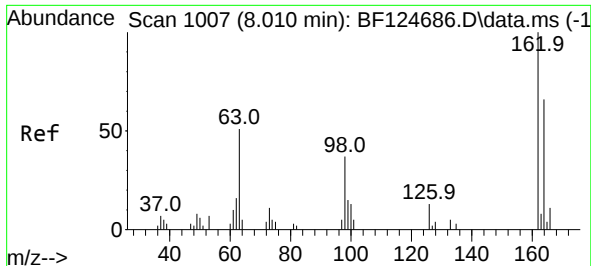
Ion Ratio Lower Upper

93 100

95 31.4 26.1 39.1

123 13.5 11.7 17.5

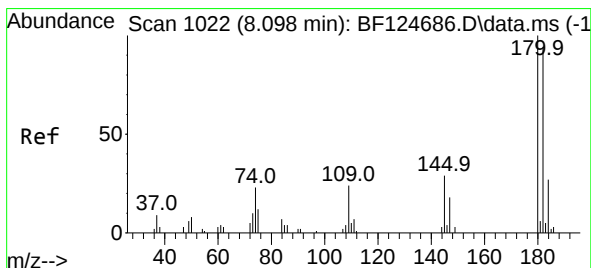
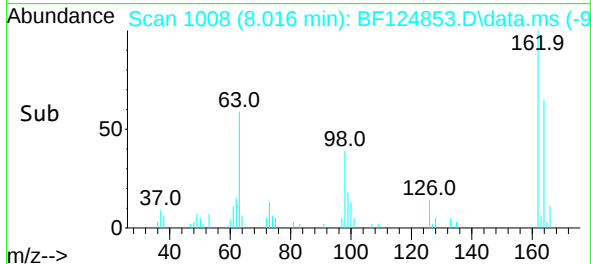
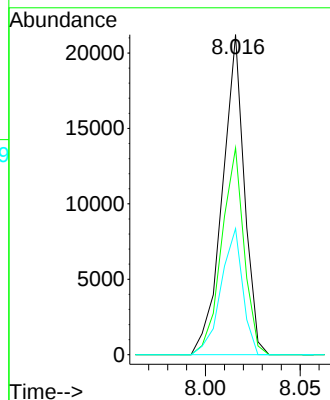
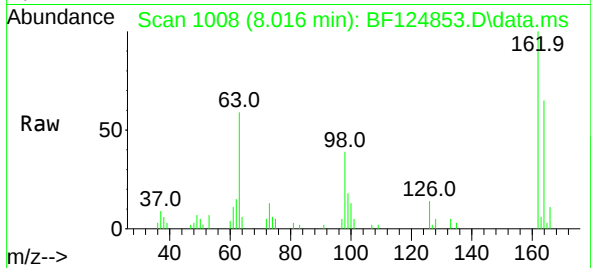




#29
2,4-Dichlorophenol
Concen: 49.230 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

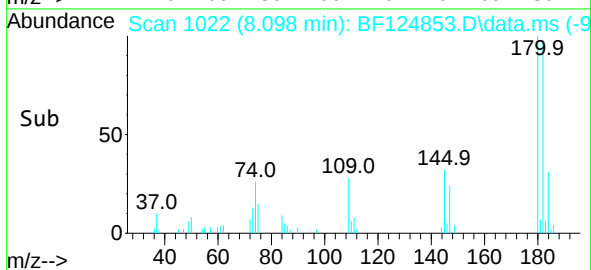
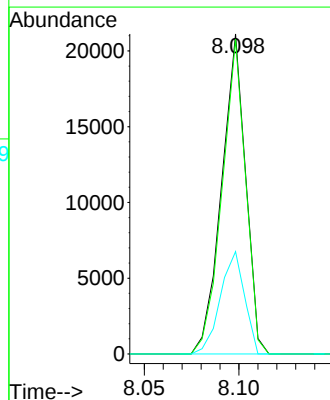
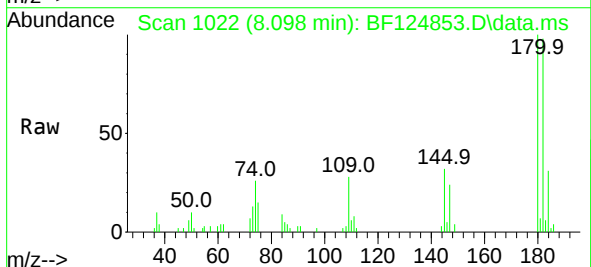
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

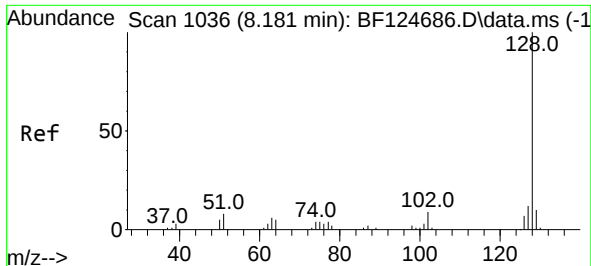
Tgt Ion:162 Resp: 17113
Ion Ratio Lower Upper
162 100
164 64.6 44.5 84.5
98 39.4 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 48.728 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

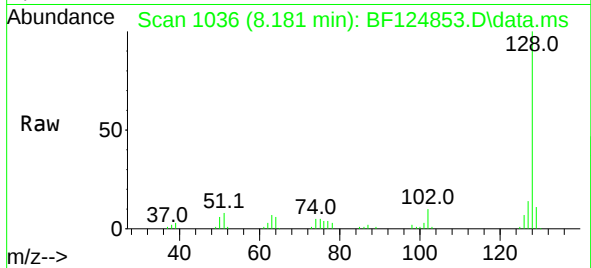
Tgt Ion:180 Resp: 18565
Ion Ratio Lower Upper
180 100
182 98.4 76.8 115.2
145 32.0 26.7 40.1



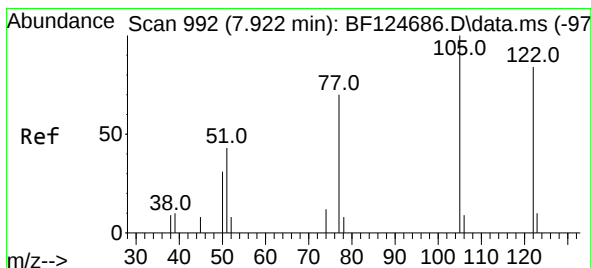
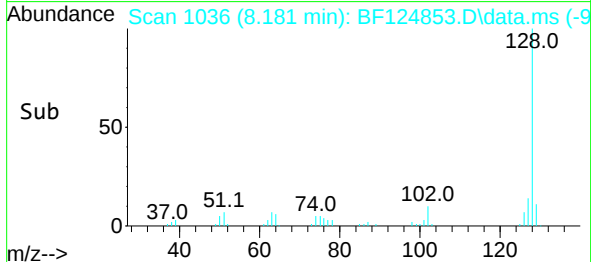
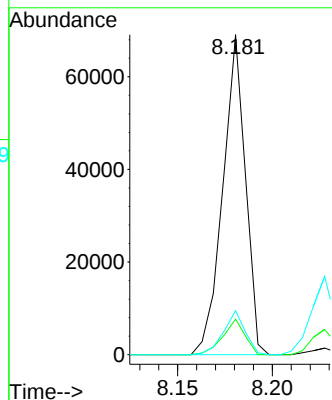


#31
Naphthalene
Concen: 47.006 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

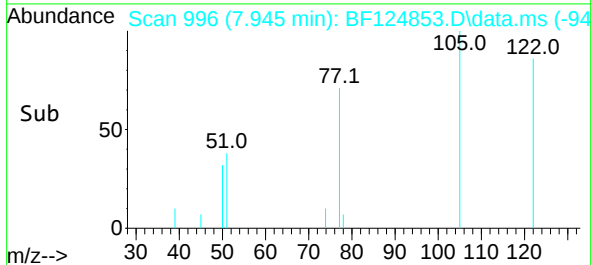
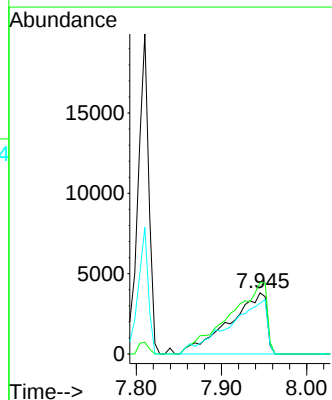
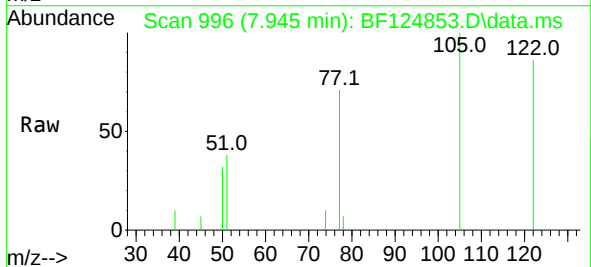


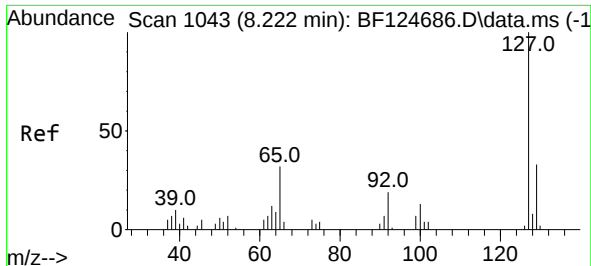
Tgt Ion:128 Resp: 57353
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 45.920 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.023 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

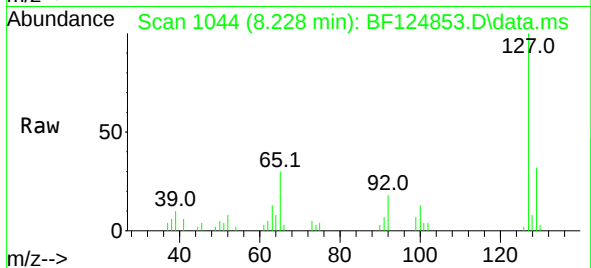
Tgt Ion:122 Resp: 11666
Ion Ratio Lower Upper
122 100
105 116.9 97.6 137.6
77 82.9 59.6 99.6



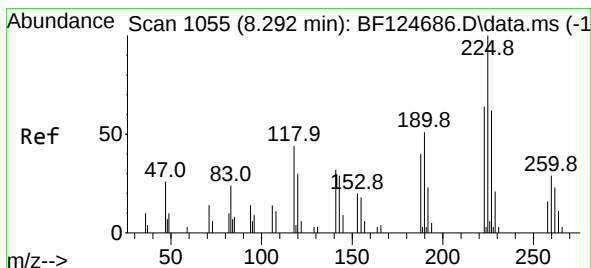
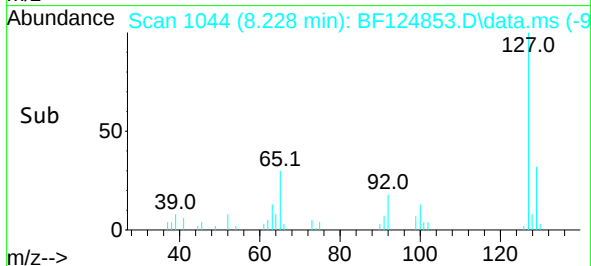
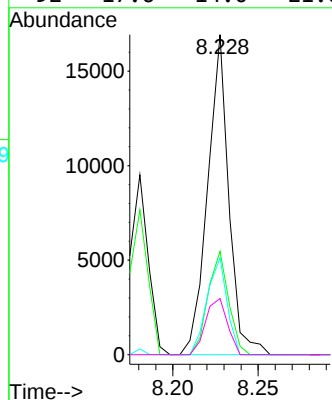


#33
4-Chloroaniline
Concen: 31.887 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

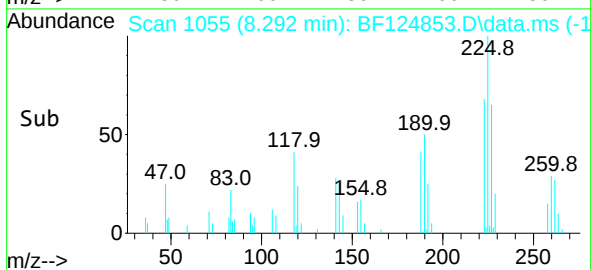
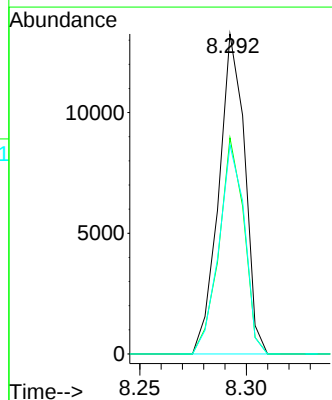
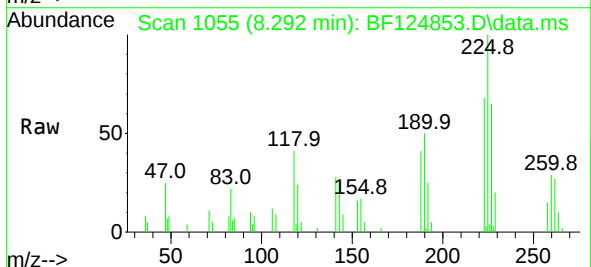


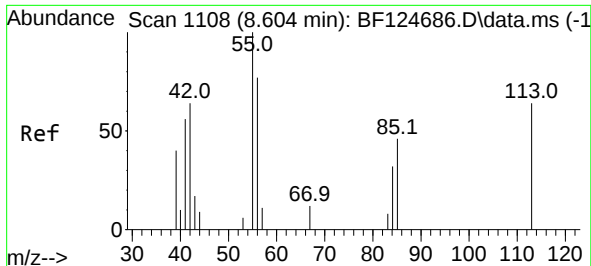
Tgt Ion:	127	Resp:	14630
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.3	21.2	31.8
92	17.6	14.0	21.0



#34
Hexachlorobutadiene
Concen: 49.301 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	225	Resp:	11228
Ion	Ratio	Lower	Upper
225	100		
223	67.6	50.6	76.0
227	65.3	50.6	75.8

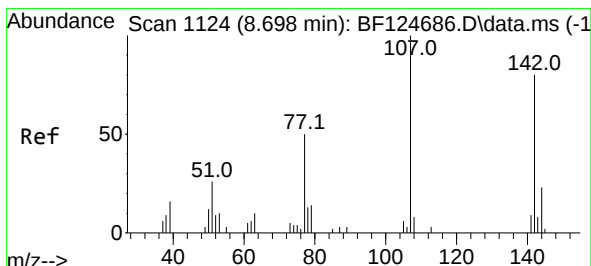
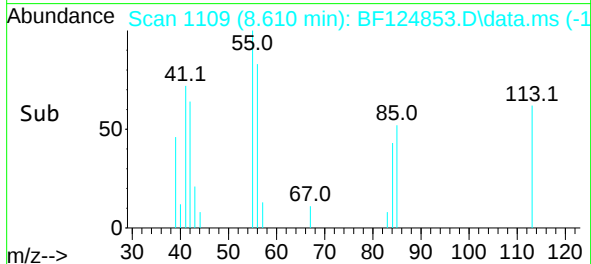
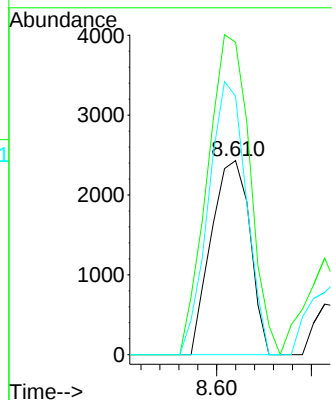
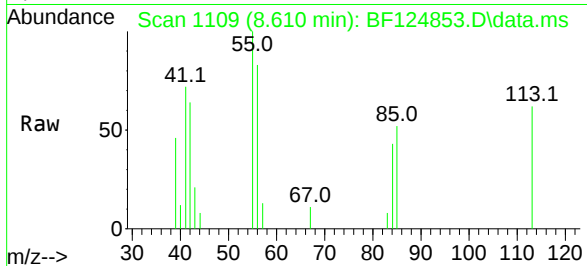




#35
Caprolactam
Concen: 38.207 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

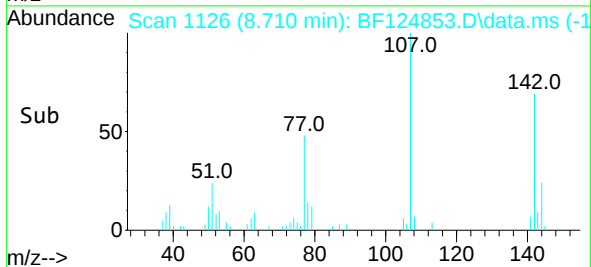
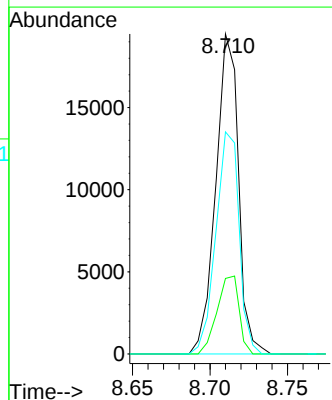
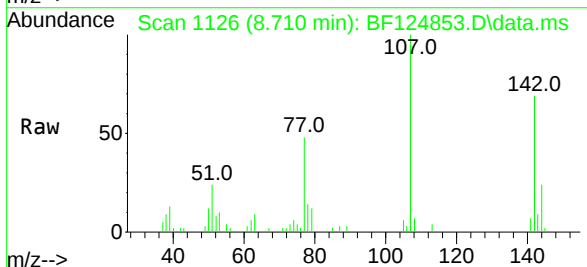
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

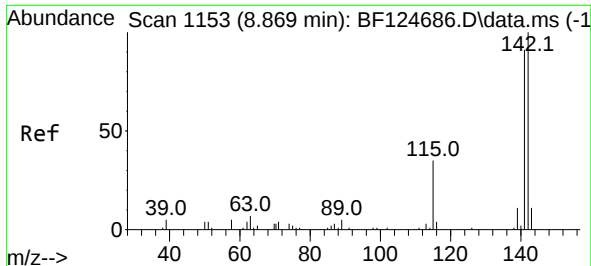
Tgt Ion:113 Resp: 3452
Ion Ratio Lower Upper
113 100
55 160.9 154.1 194.1
56 133.1 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 59.701 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:107 Resp: 19795
Ion Ratio Lower Upper
107 100
144 23.6 21.9 32.9
142 69.4 67.1 100.7

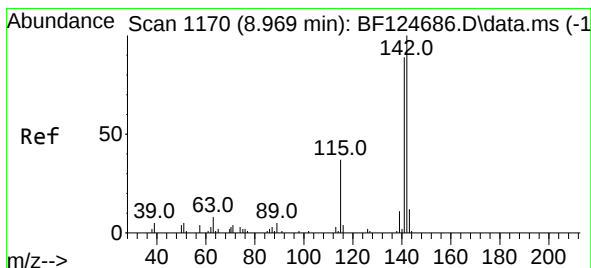
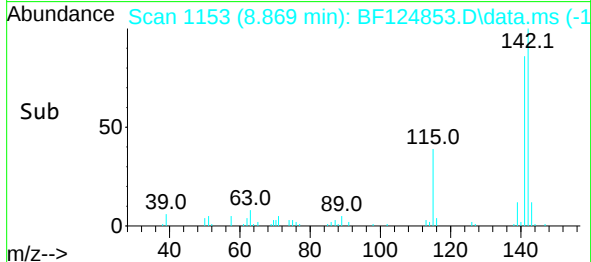
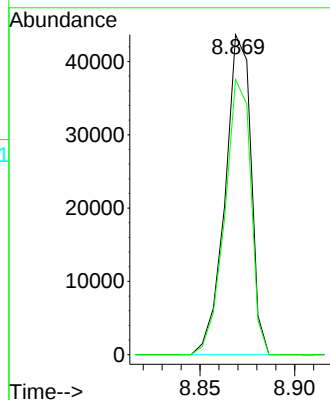
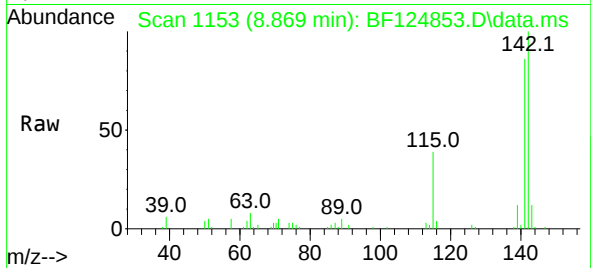




#37
2-Methylnaphthalene
Concen: 50.710 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

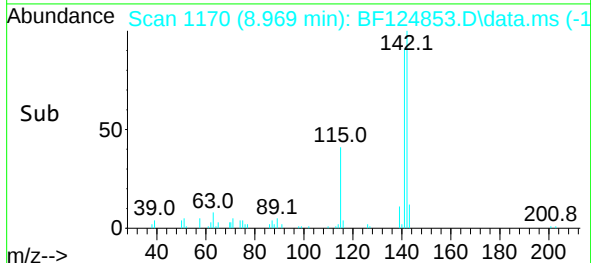
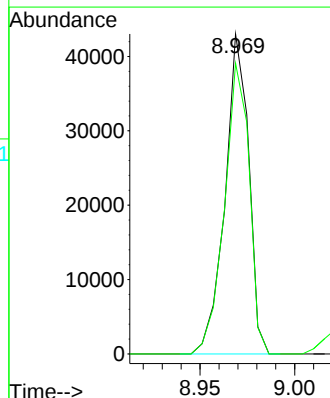
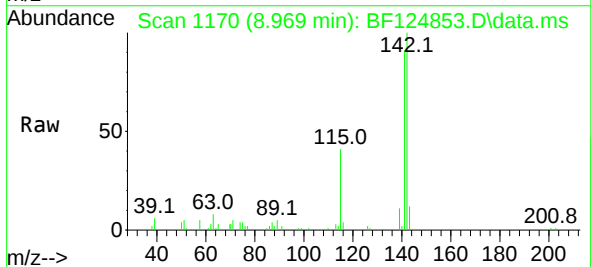
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

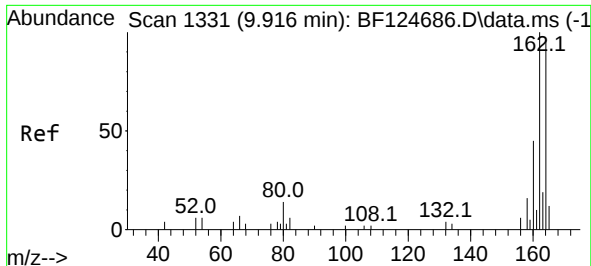
Tgt Ion:142 Resp: 41341
Ion Ratio Lower Upper
142 100
141 86.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 48.498 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:142 Resp: 37456
Ion Ratio Lower Upper
142 100
141 90.9 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

Tgt Ion:164 Resp: 14221

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

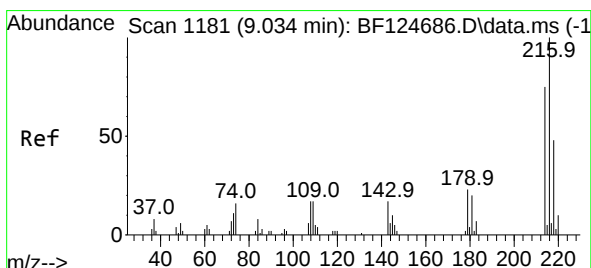
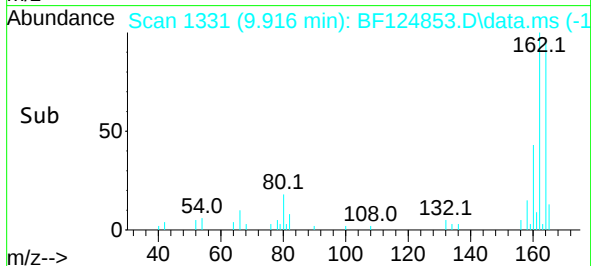
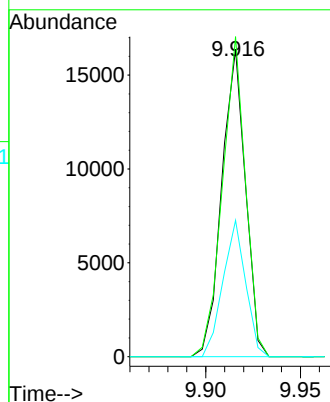
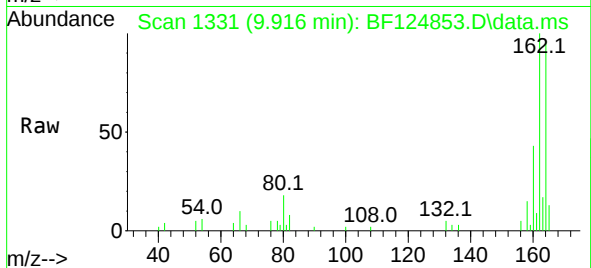
160 44.4 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

20210590-AMENDED-COM-4MSD



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.359 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

Tgt Ion:216 Resp: 19585

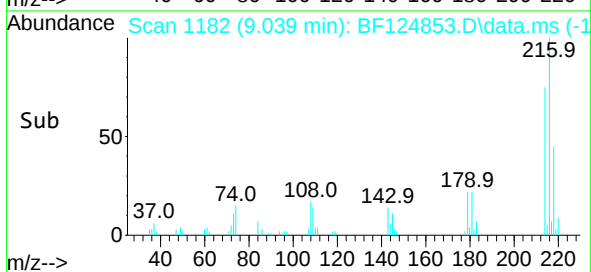
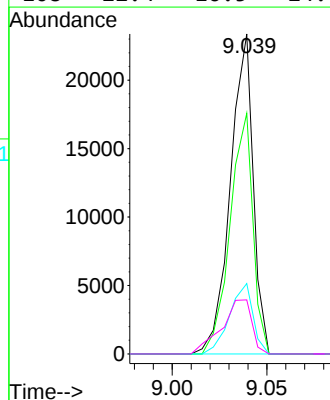
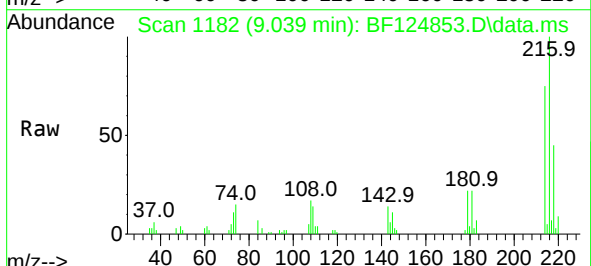
Ion Ratio Lower Upper

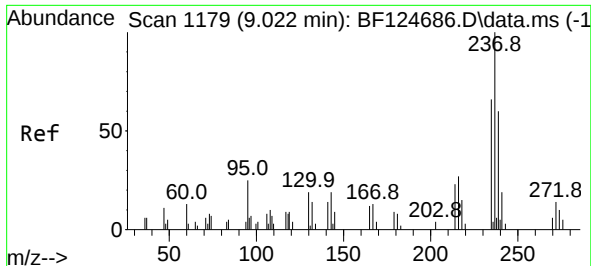
216 100

214 75.4 64.9 97.3

179 22.7 17.4 26.2

108 22.4 16.5 24.7

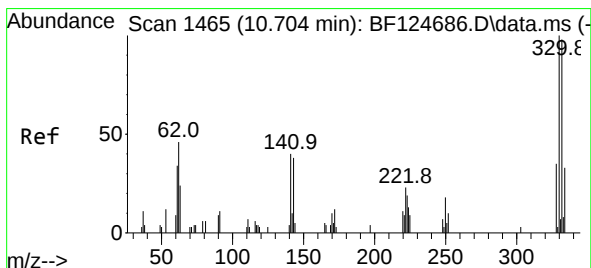
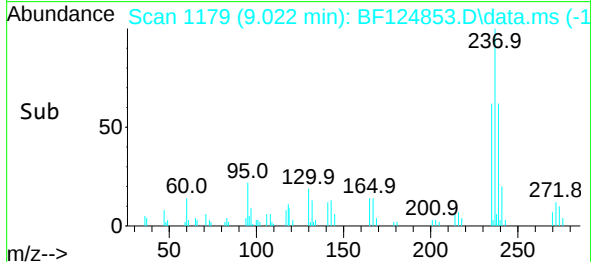
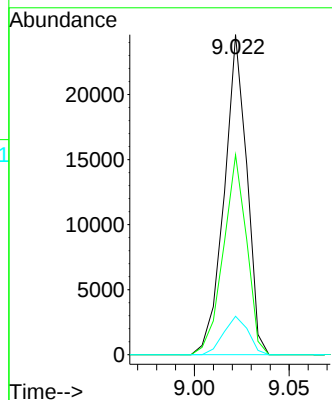
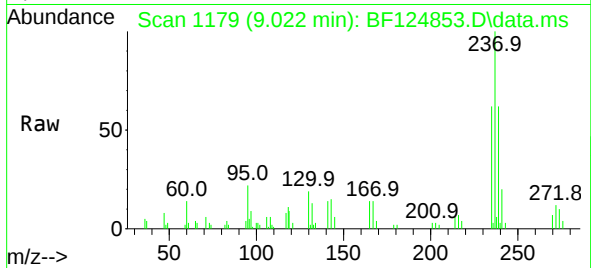




#41
Hexachlorocyclopentadiene
Concen: 86.678 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

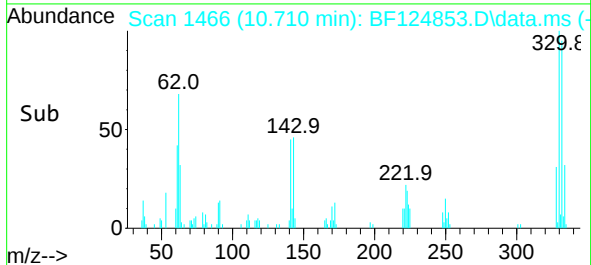
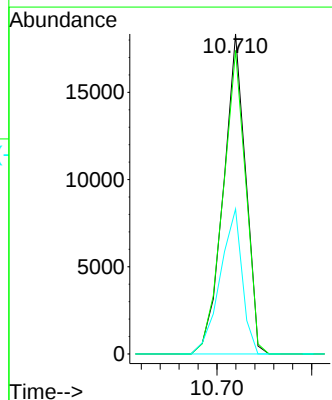
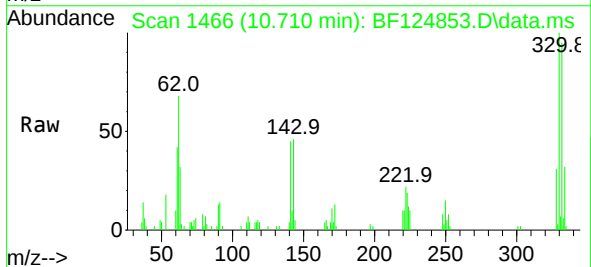
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

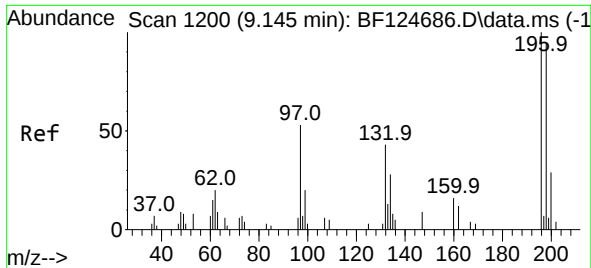
Tgt Ion:237 Resp: 20348
Ion Ratio Lower Upper
237 100
235 62.5 44.7 84.7
272 12.0 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 122.161 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:330 Resp: 14916
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 45.0 44.6 66.8

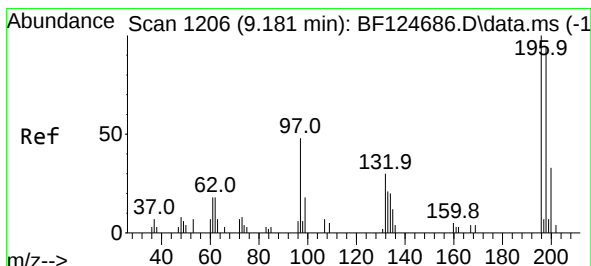
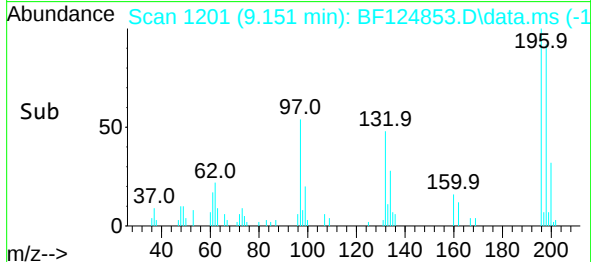
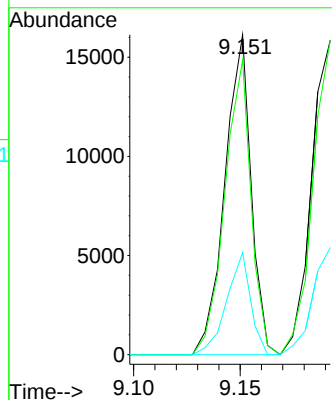
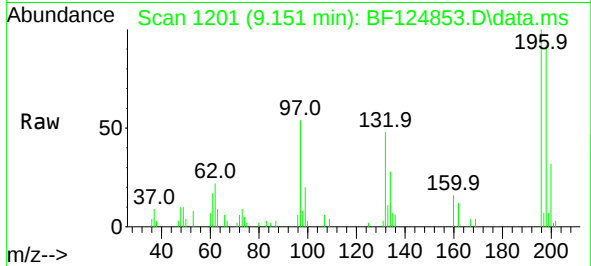




#43
2,4,6-Trichlorophenol
Concen: 49.099 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

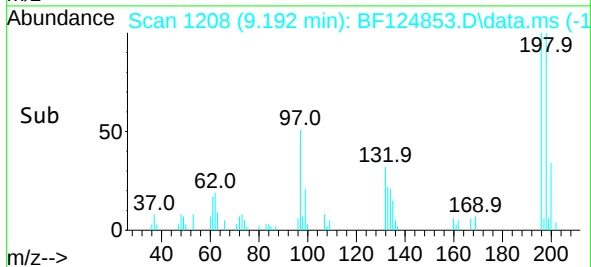
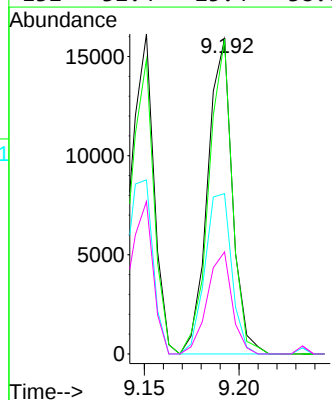
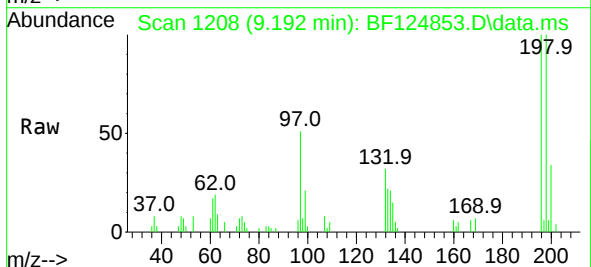
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

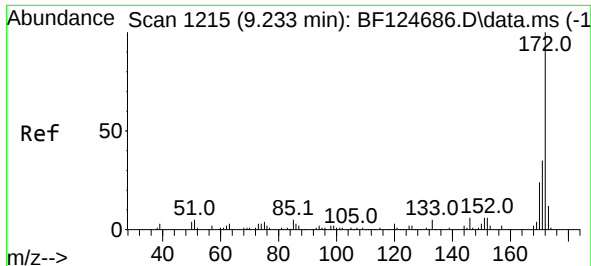
Tgt Ion:196 Resp: 13830
Ion Ratio Lower Upper
196 100
198 92.0 74.9 112.3
200 31.9 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 49.882 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:196 Resp: 14427
Ion Ratio Lower Upper
196 100
198 100.0 80.2 120.2
97 51.0 44.0 66.0
132 32.4 25.4 38.0

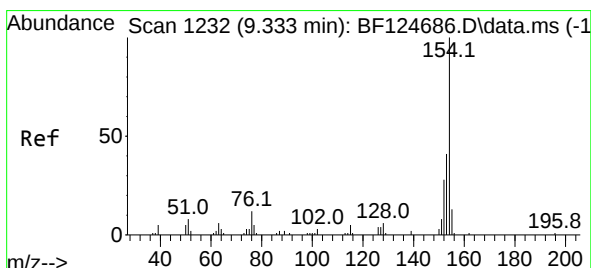
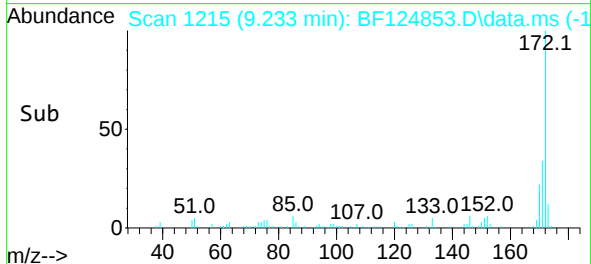
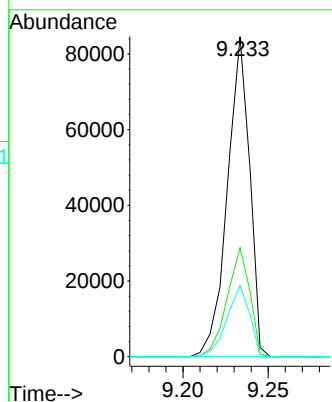
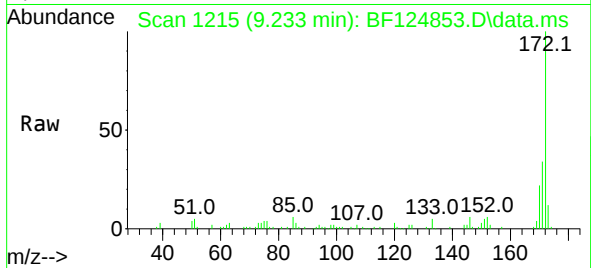




#45
2-Fluorobiphenyl
Concen: 78.794 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

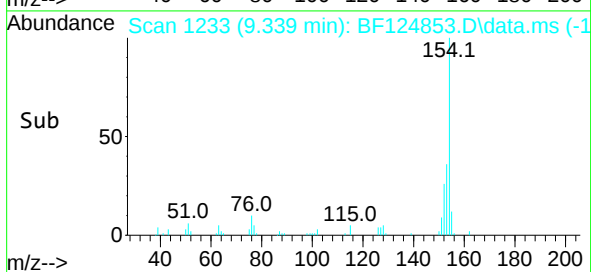
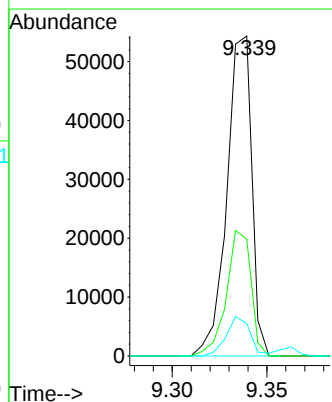
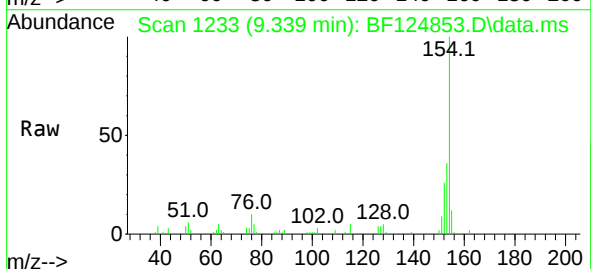
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

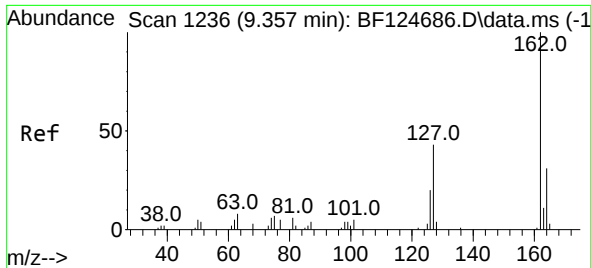
Tgt Ion:172	Resp:	76291
Ion Ratio	Lower	Upper
172	100	
171	34.1	26.5 39.7
170	22.2	18.8 28.2



#46
1,1'-Biphenyl
Concen: 46.820 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:154	Resp:	49700
Ion Ratio	Lower	Upper
154	100	
153	36.5	20.0 60.0
76	10.2	0.0 30.3

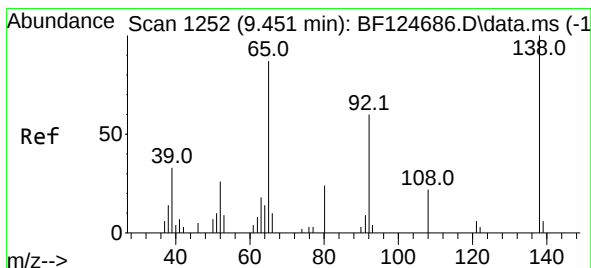
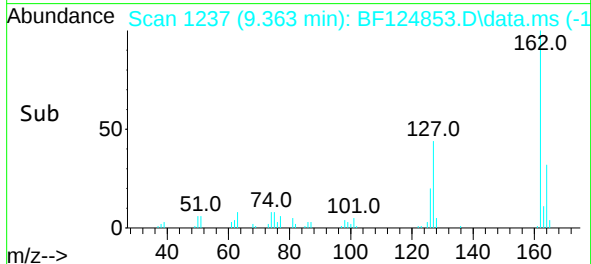
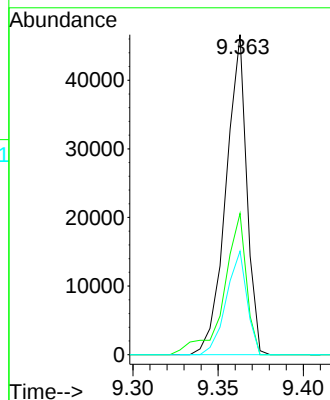
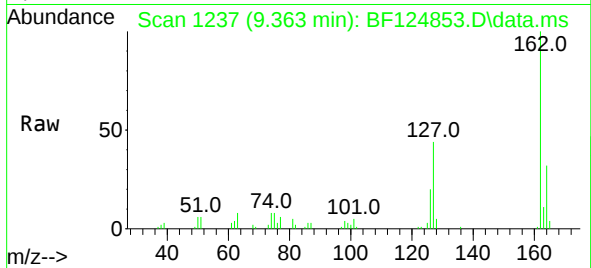




#47
2-Chloronaphthalene
Concen: 47.072 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

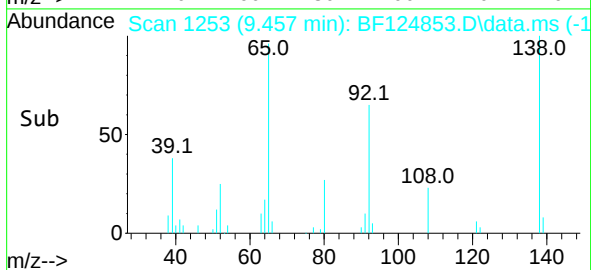
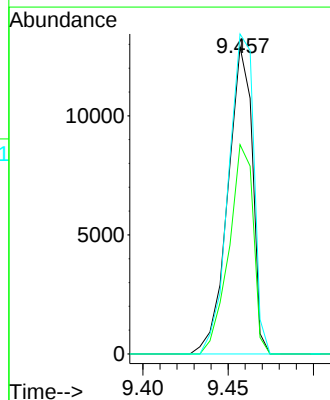
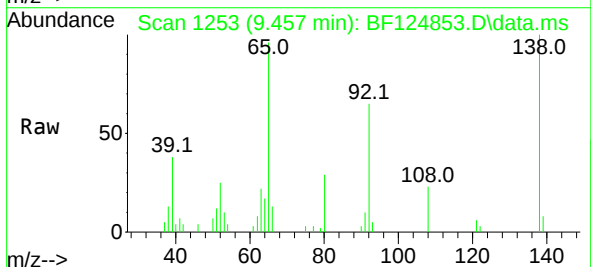
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

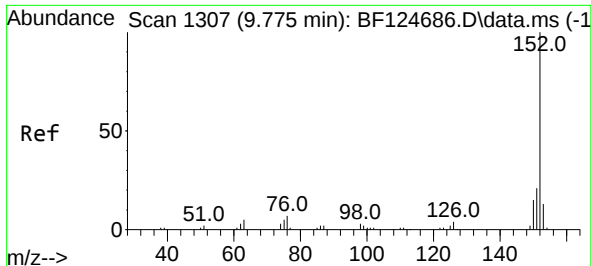
Tgt Ion:162 Resp: 39556
Ion Ratio Lower Upper
162 100
127 44.1 33.0 49.4
164 32.3 25.8 38.8



#48
2-Nitroaniline
Concen: 58.667 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion: 65 Resp: 12909
Ion Ratio Lower Upper
65 100
92 68.1 55.5 83.3
138 104.1 93.5 140.3

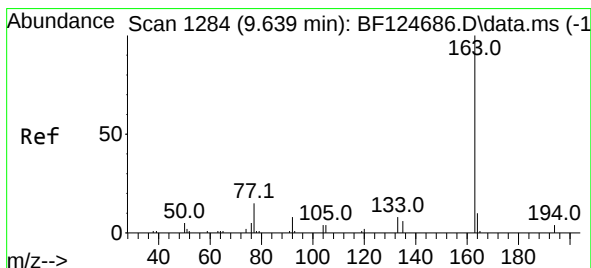
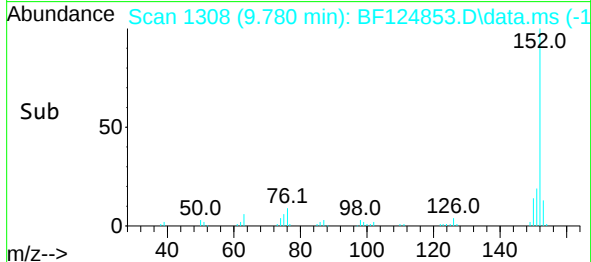
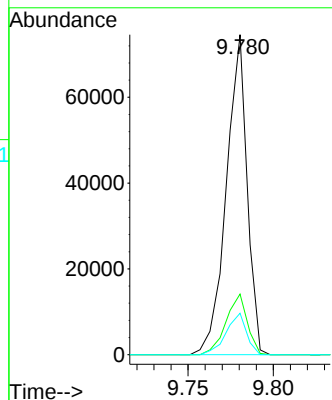
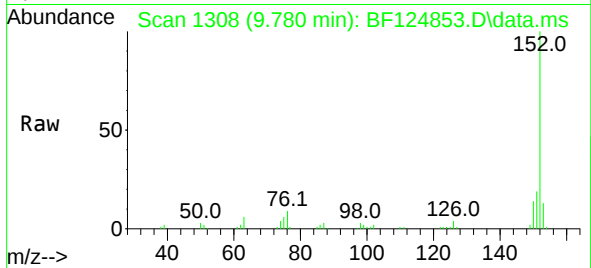




#49
Acenaphthylene
Concen: 48.770 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

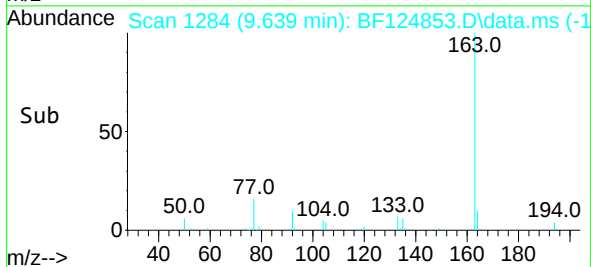
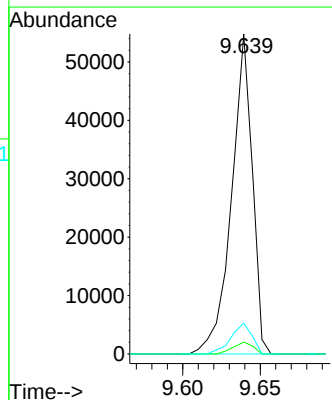
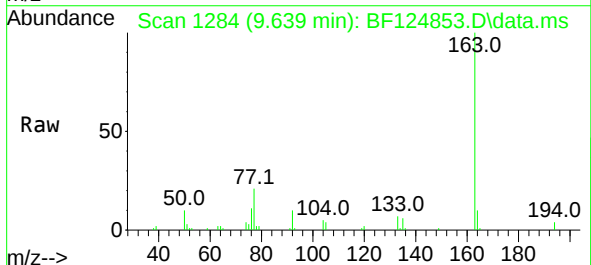
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

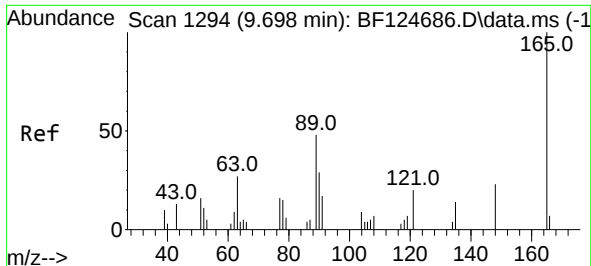
Tgt Ion:152 Resp: 63202
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 12.9 9.8 14.8



#50
Dimethylphthalate
Concen: 51.972 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:163 Resp: 50891
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.6 7.4 11.0

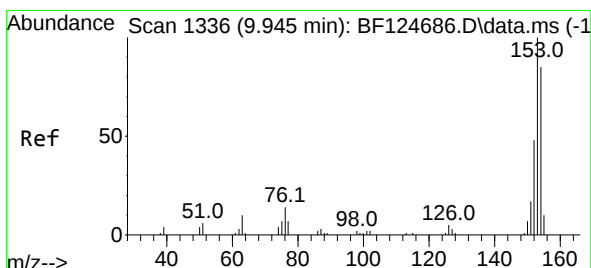
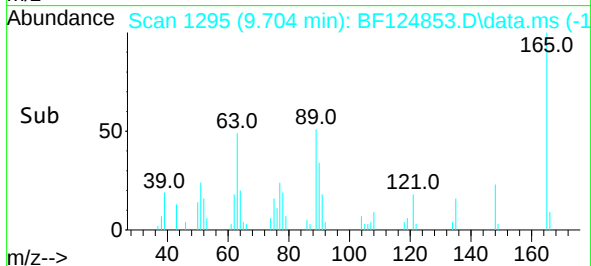
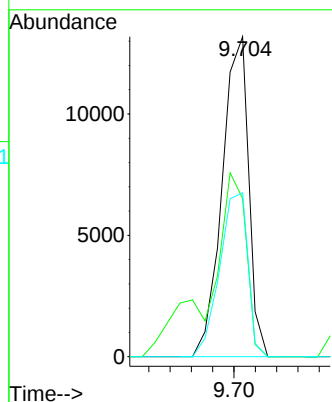
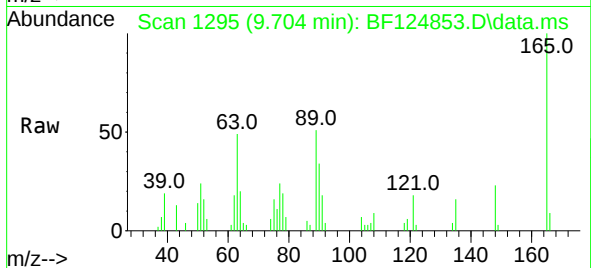




#51
2,6-Dinitrotoluene
Concen: 52.651 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

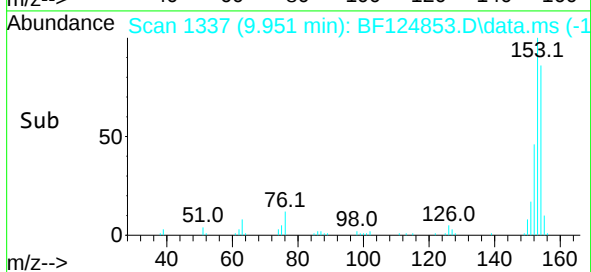
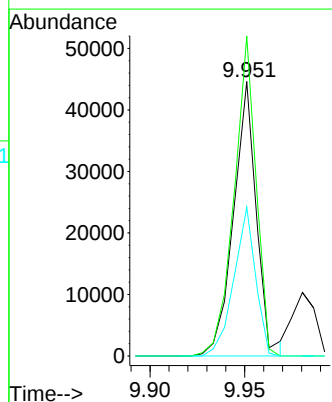
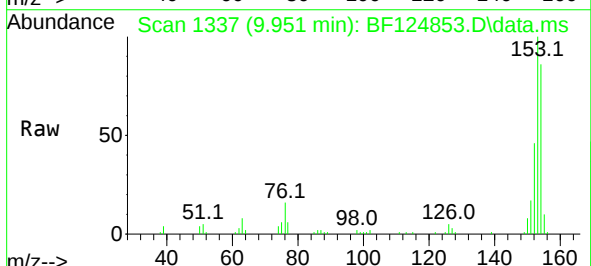
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

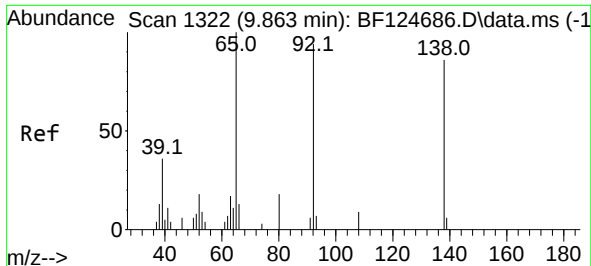
Tgt Ion:165 Resp: 11390
Ion Ratio Lower Upper
165 100
63 49.5 42.6 63.8
89 51.2 40.6 60.8



#52
Acenaphthene
Concen: 43.511 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:154 Resp: 37379
Ion Ratio Lower Upper
154 100
153 116.6 89.4 134.2
152 54.2 40.5 60.7

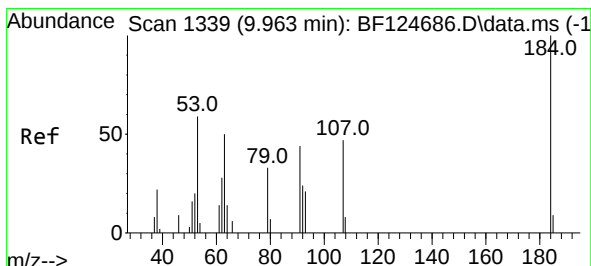
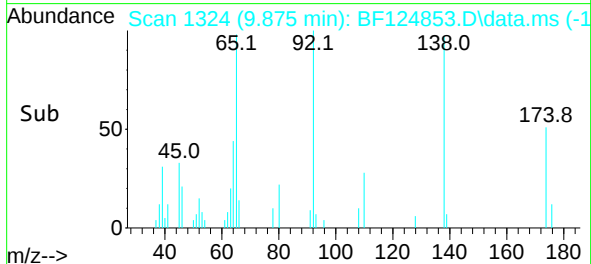
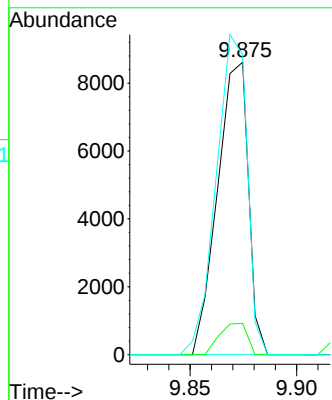
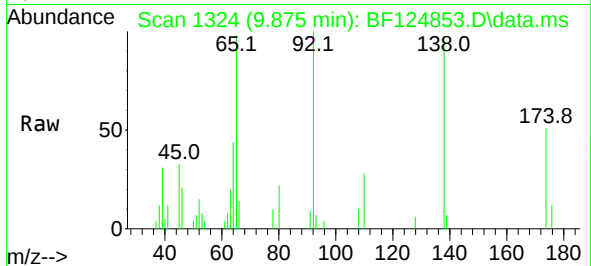




#53
3-Nitroaniline
Concen: 38.112 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

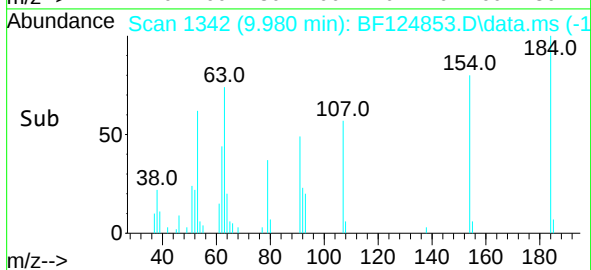
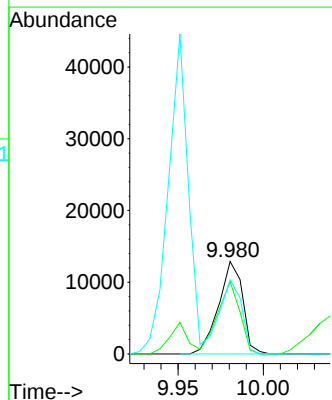
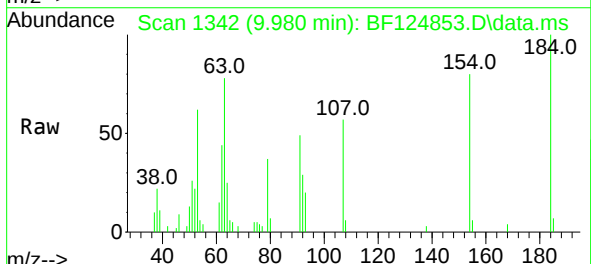
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

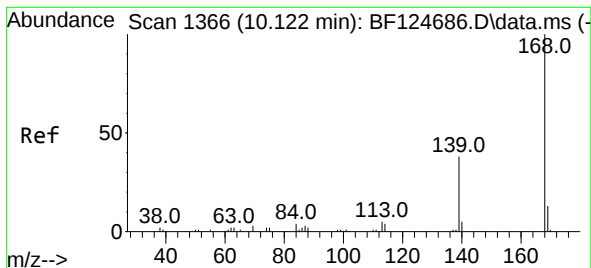
Tgt Ion:138 Resp: 8674
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 102.6 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 101.324 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.018 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:184 Resp: 12675
Ion Ratio Lower Upper
184 100
63 78.3 59.3 88.9
154 80.1 68.6 102.8

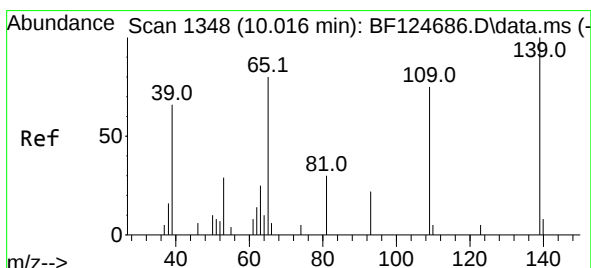
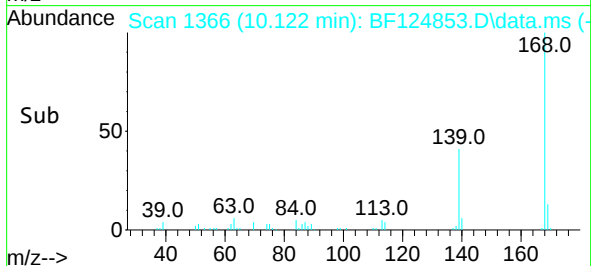
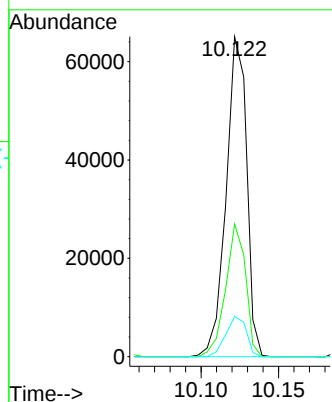
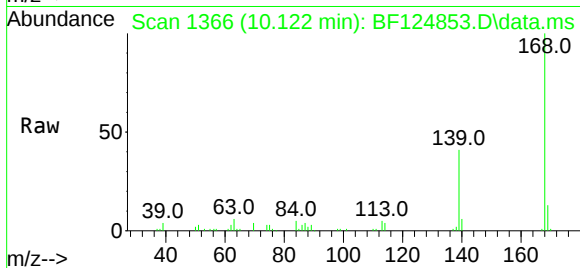




#55
Dibenzofuran
Concen: 48.921 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

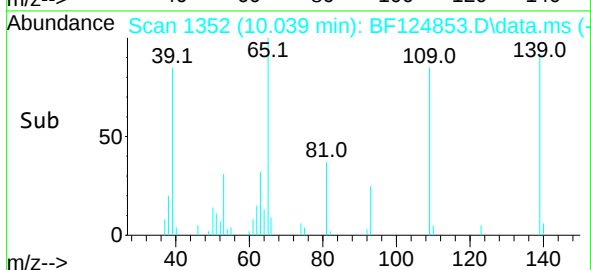
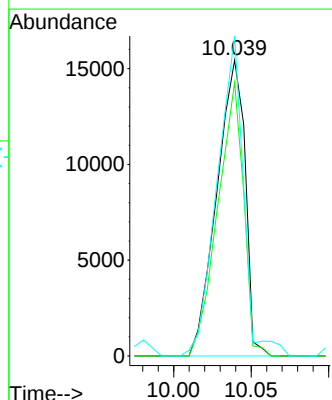
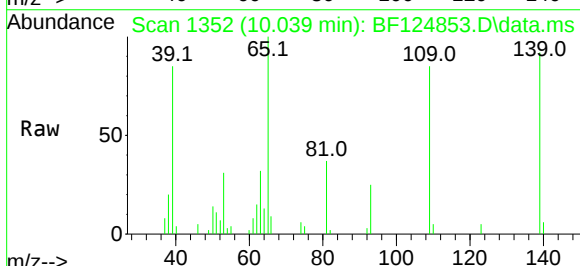
Instrument :
BNA_F
ClientSampleId :
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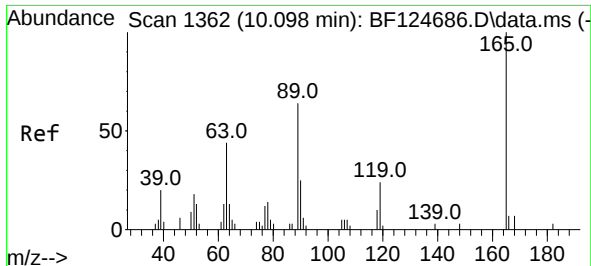
Tgt Ion:168 Resp: 60055
Ion Ratio Lower Upper
168 100
139 41.4 32.7 49.1
169 12.6 11.2 16.8



#56
4-Nitrophenol
Concen: 108.772 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:139 Resp: 19549
Ion Ratio Lower Upper
139 100
109 92.5 60.4 100.4
65 108.2 58.4 98.4#

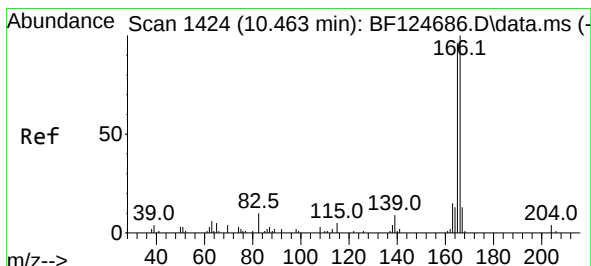
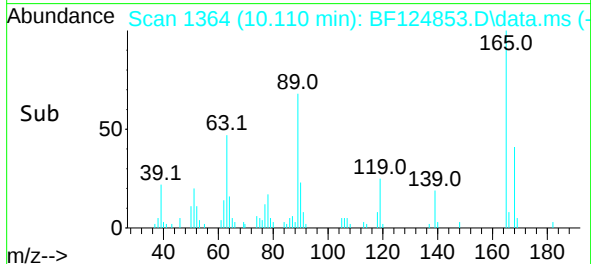
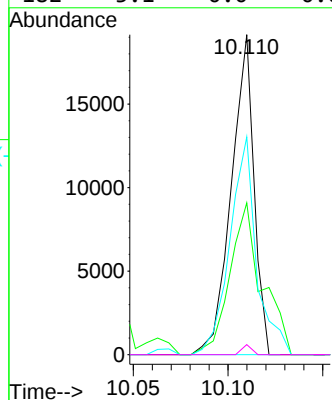
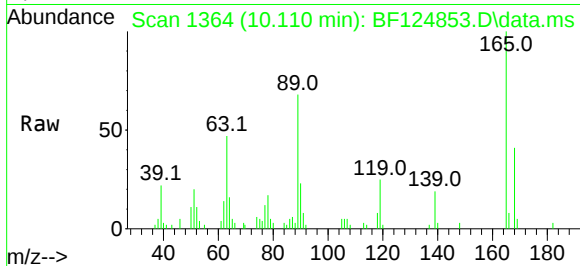




#57
2,4-Dinitrotoluene
Concen: 54.284 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

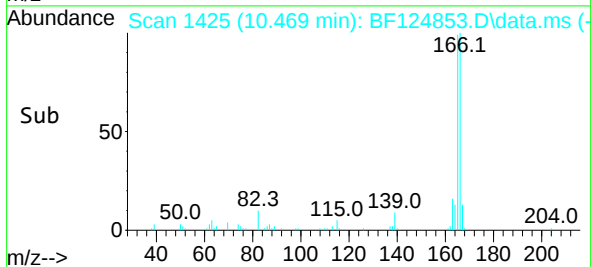
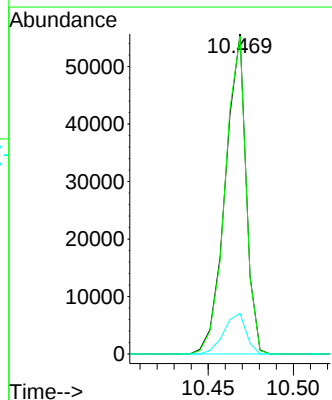
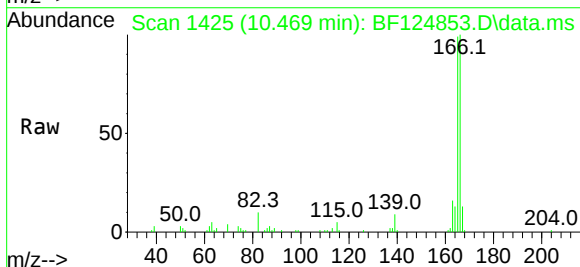
Instrument :
BNA_F
ClientSampleId :
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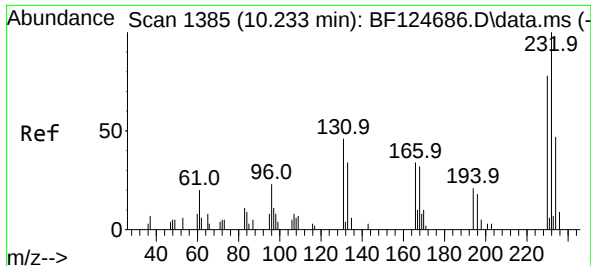
Tgt Ion:165 Resp: 15936
Ion Ratio Lower Upper
165 100
63 47.4 40.9 61.3
89 68.0 59.7 89.5
182 3.1 0.0 0.0#



#58
Fluorene
Concen: 49.911 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:166 Resp: 47002
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 12.7 11.1 16.7

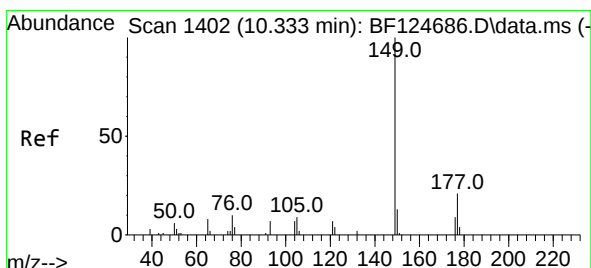
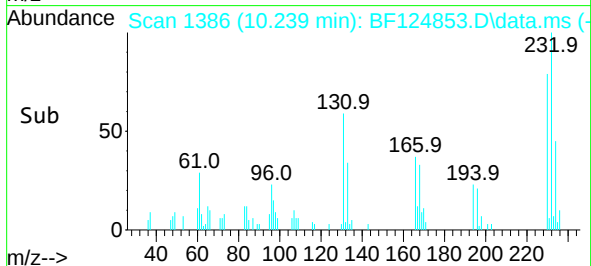
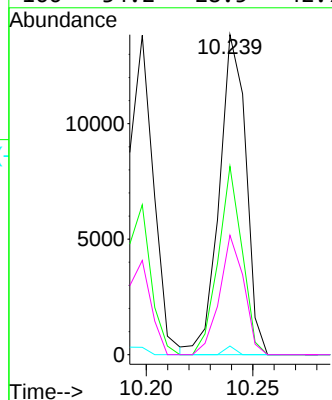
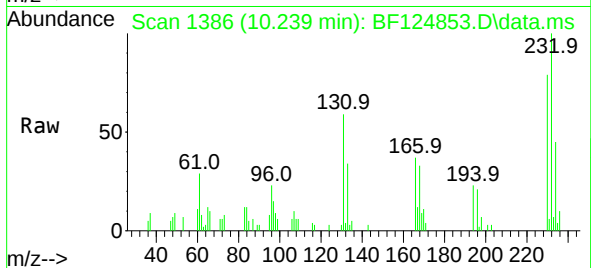




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.668 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

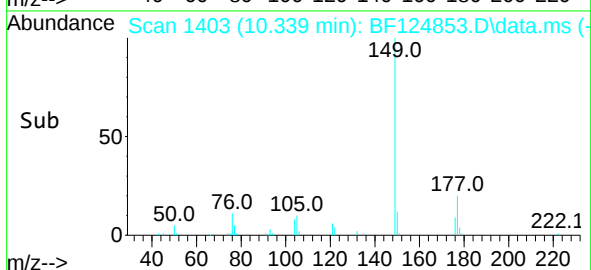
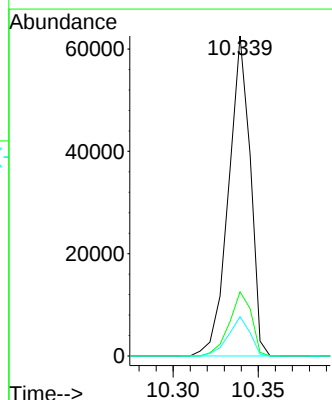
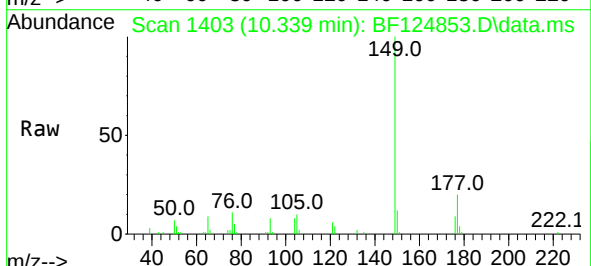
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

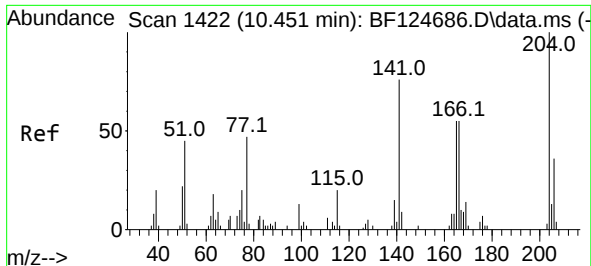
Tgt Ion:232	Resp:	12030
Ion Ratio	Lower	Upper
232	100	
131	52.7	45.4 68.0
130	1.1	0.0 0.0#
166	34.2	28.5 42.7



#60
Diethylphthalate
Concen: 54.374 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:149	Resp:	55366
Ion Ratio	Lower	Upper
149	100	
177	20.1	16.5 24.7
150	12.3	10.1 15.1

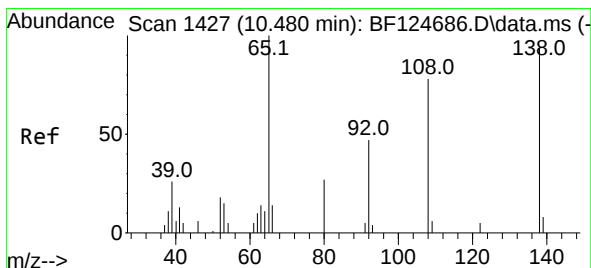
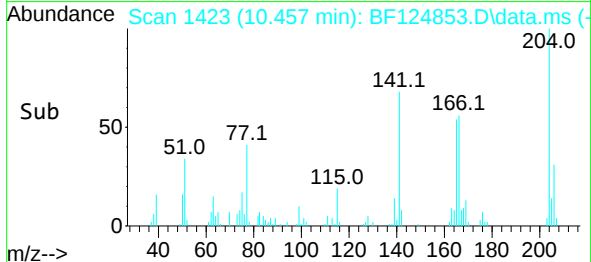
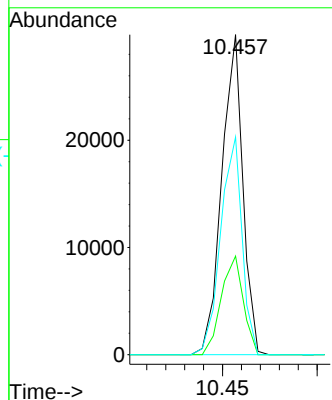
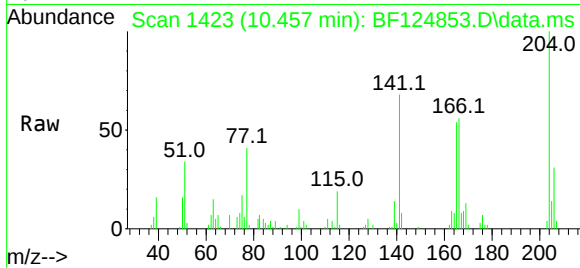




#61
4-Chlorophenyl-phenylether
Concen: 50.622 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

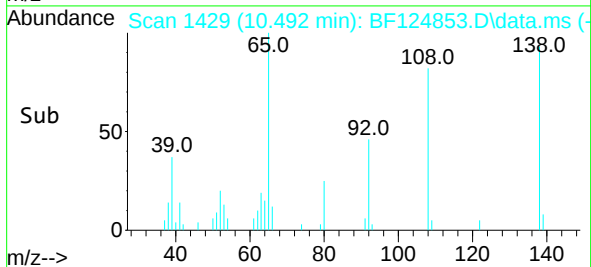
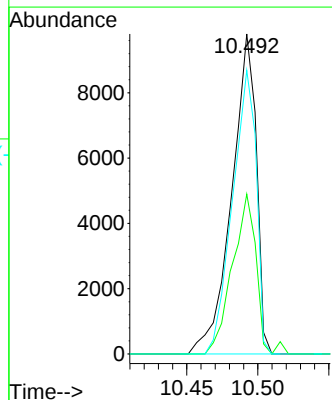
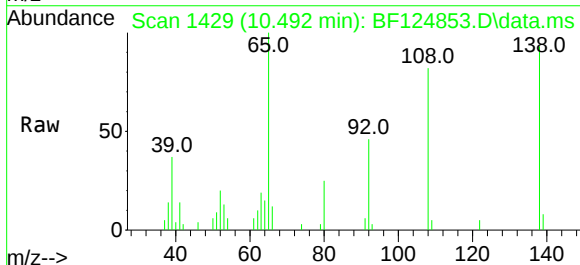
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

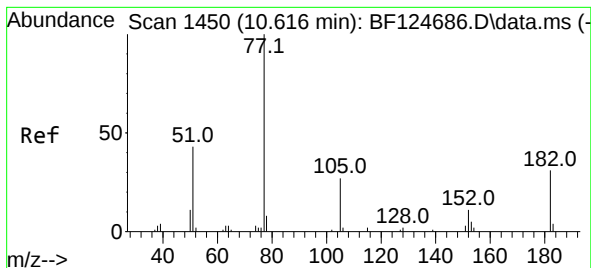
Tgt Ion:204 Resp: 23045
Ion Ratio Lower Upper
204 100
206 30.8 27.6 41.4
141 68.0 58.6 88.0



#62
4-Nitroaniline
Concen: 52.283 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:138 Resp: 11774
Ion Ratio Lower Upper
138 100
92 50.0 29.6 69.6
108 88.7 78.1 118.1

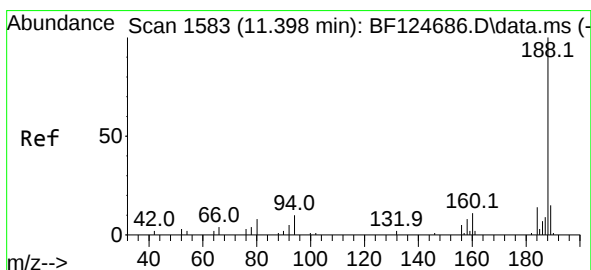
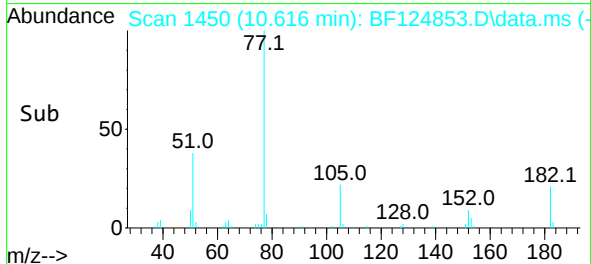
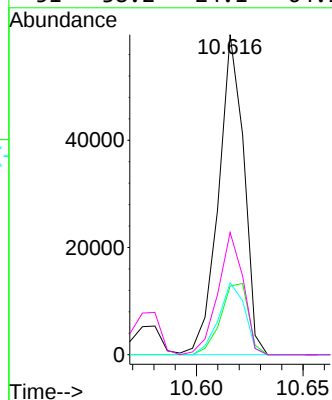
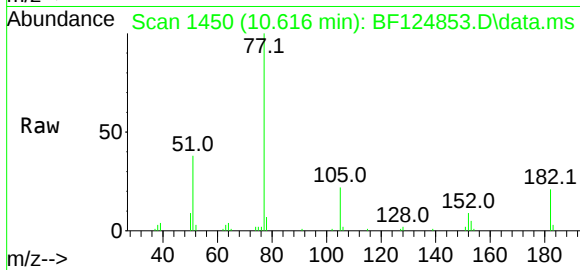




#63
Azobenzene
Concen: 54.637 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

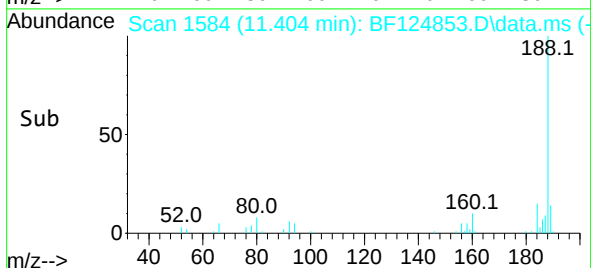
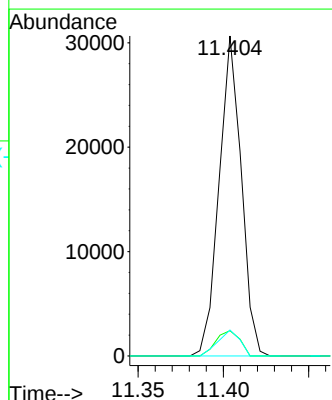
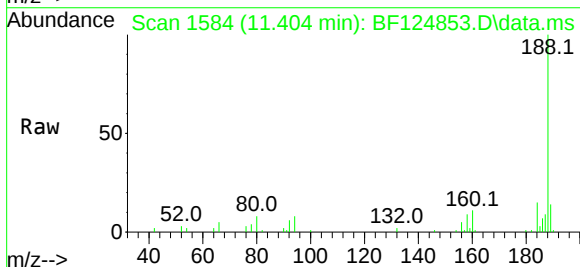
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

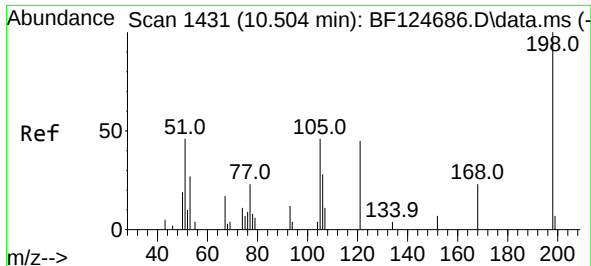
Tgt Ion: 77	Resp: 49219
Ion Ratio	Lower Upper
77 100	
182 21.4	6.3 46.3
105 22.5	2.9 42.9
51 38.2	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion: 188	Resp: 27714
Ion Ratio	Lower Upper
188 100	
94 7.9	6.7 10.1
80 8.1	7.5 11.3

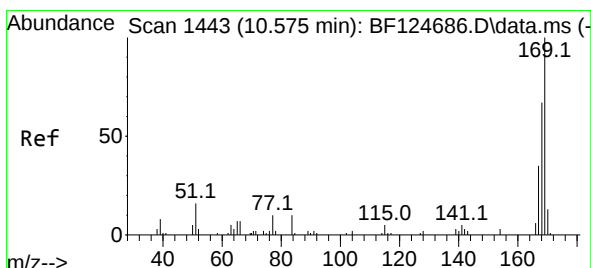
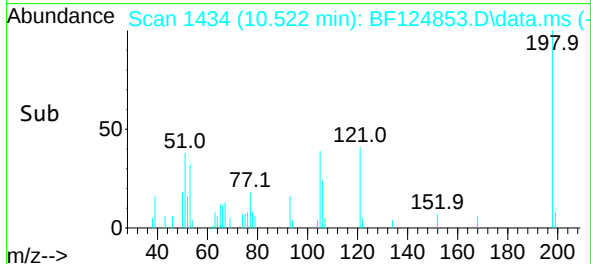
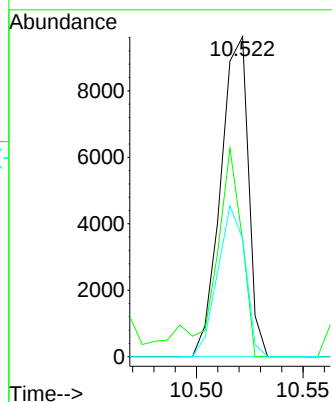
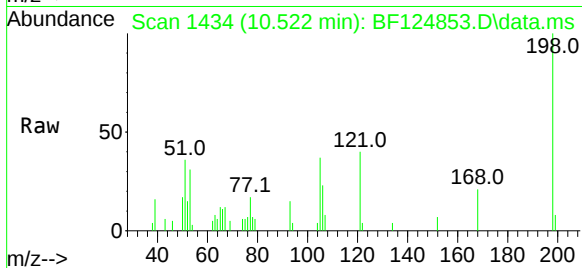




#65
4,6-Dinitro-2-methylphenol
Concen: 48.591 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.018 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

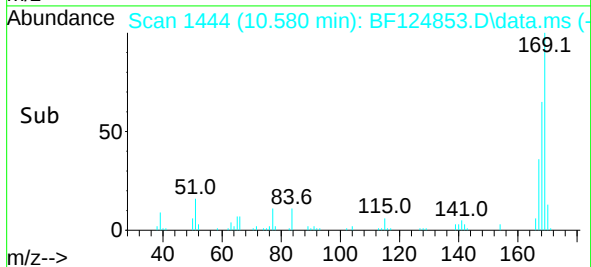
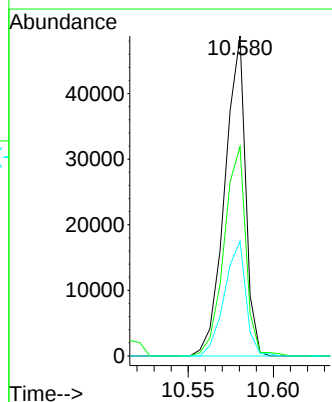
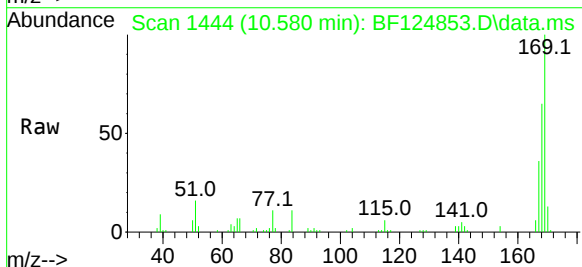
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

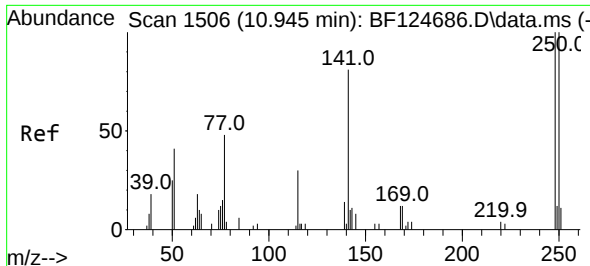
Tgt Ion:198 Resp: 8721
Ion Ratio Lower Upper
198 100
51 36.4 45.3 85.3#
105 36.9 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 45.995 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:169 Resp: 41308
Ion Ratio Lower Upper
169 100
168 65.4 50.8 76.2
167 35.8 28.8 43.2

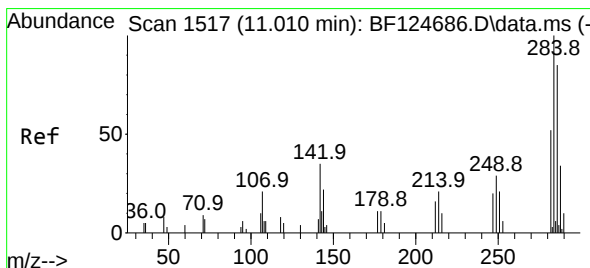
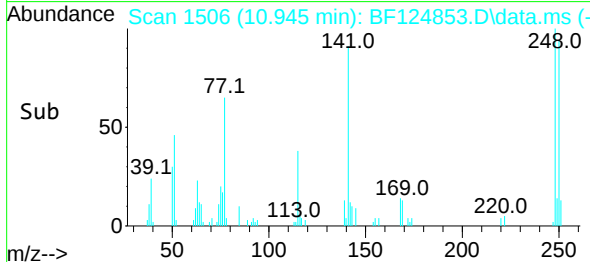
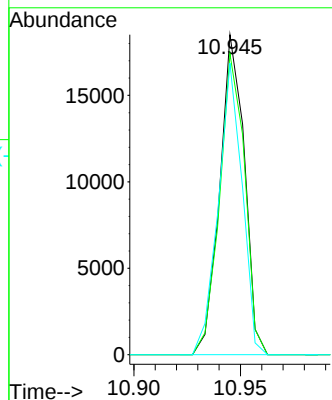
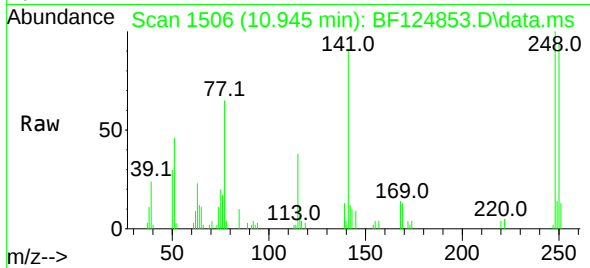




#67
4-Bromophenyl-phenylether
Concen: 50.629 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

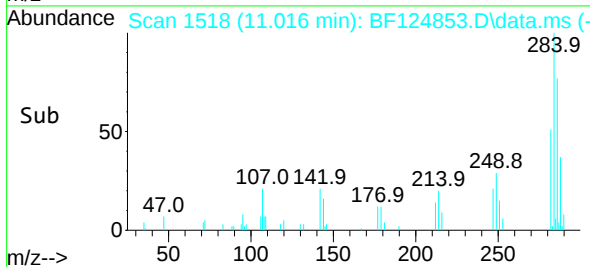
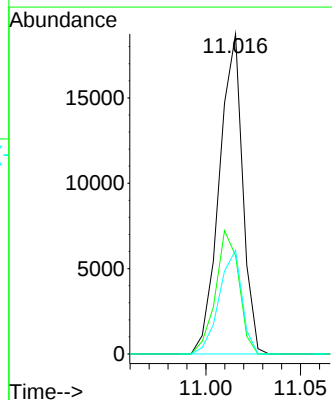
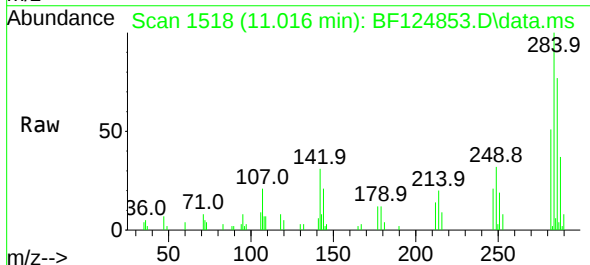
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

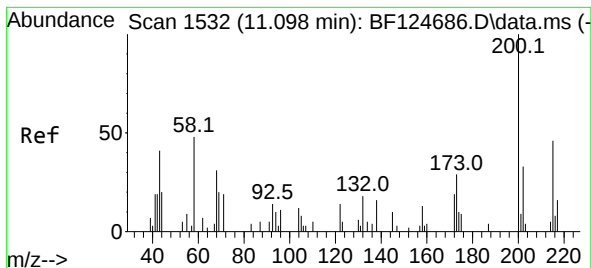
Tgt Ion:248 Resp: 14881
Ion Ratio Lower Upper
248 100
250 94.0 74.2 111.4
141 91.1 60.4 90.6#



#68
Hexachlorobenzene
Concen: 52.572 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:284 Resp: 16048
Ion Ratio Lower Upper
284 100
142 30.7 36.4 54.6#
249 32.4 25.6 38.4





#69

Atrazine

Concen: 54.498 ng

RT: 11.110 min Scan# 1534

Delta R.T. 0.012 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

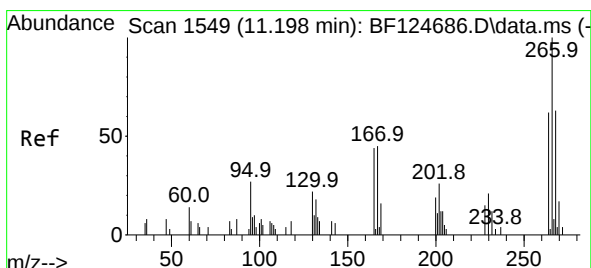
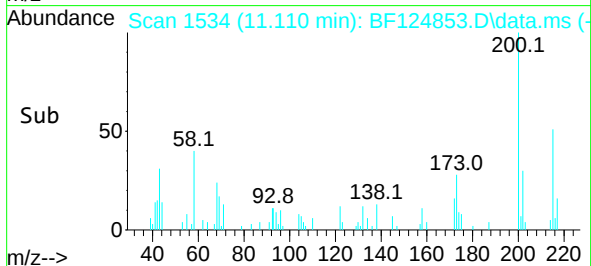
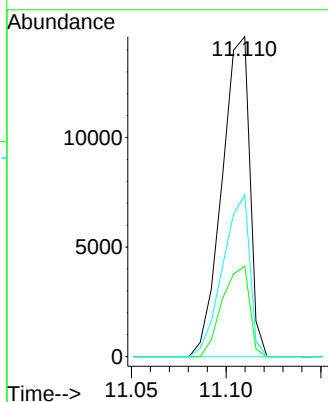
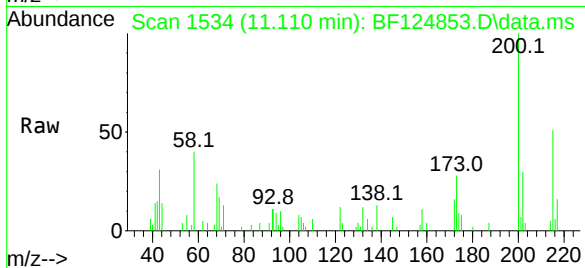
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	200	Resp:	14881
Ion Ratio	Lower	Upper	
200	100		
173	28.2	11.1	51.1
215	50.5	22.7	62.7



#70

Pentachlorophenol

Concen: 97.057 ng

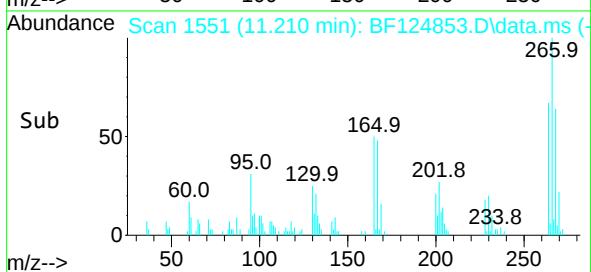
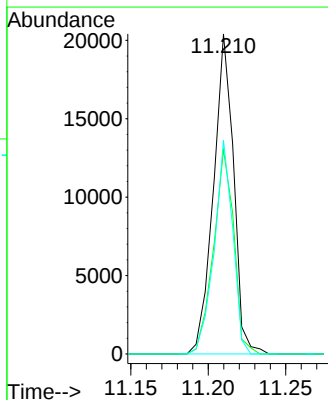
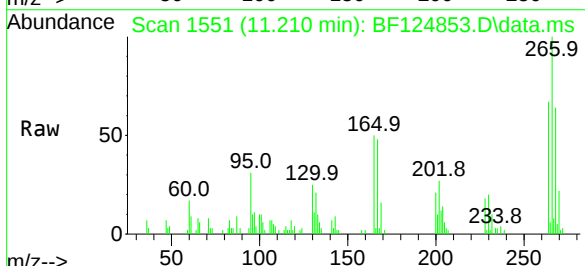
RT: 11.210 min Scan# 1551

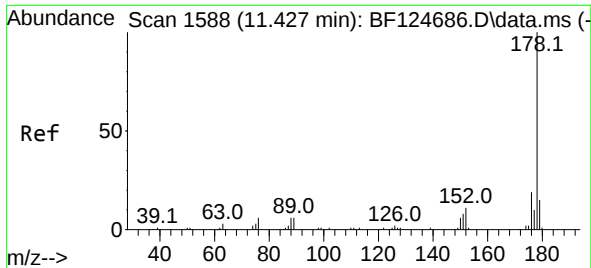
Delta R.T. 0.012 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

Tgt Ion:	266	Resp:	18423
Ion Ratio	Lower	Upper	
266	100		
268	63.8	48.9	73.3
264	66.8	55.9	83.9

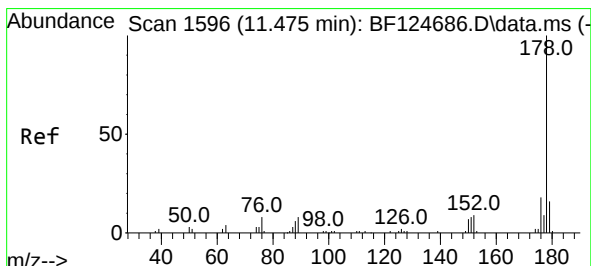
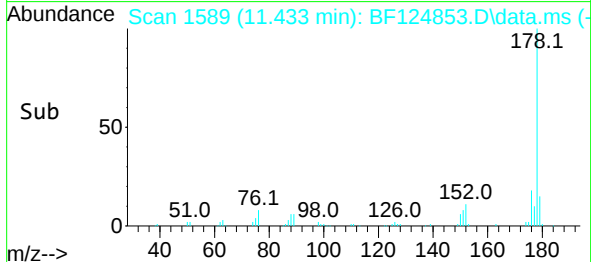
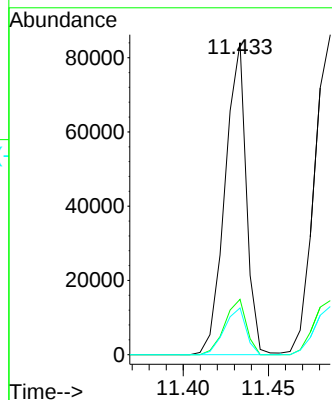
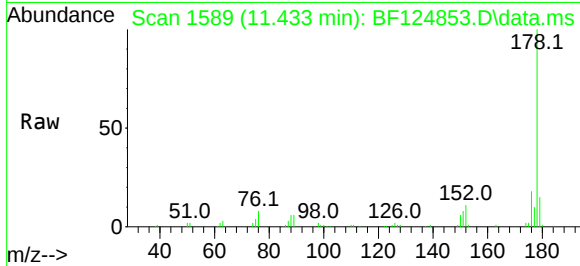




#71
Phenanthrene
Concen: 48.825 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

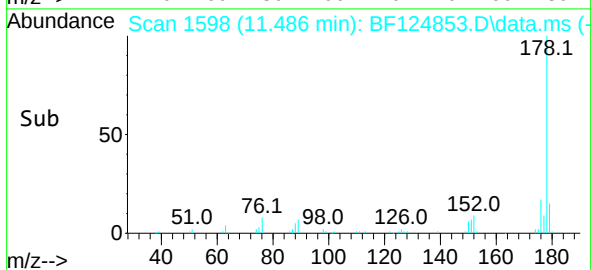
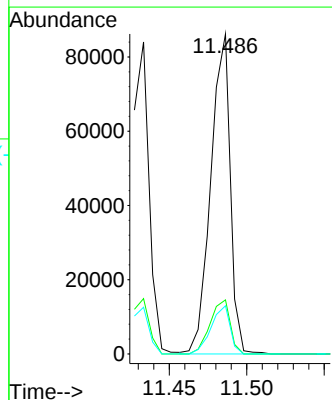
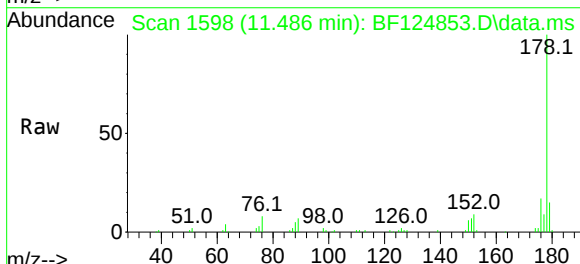
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

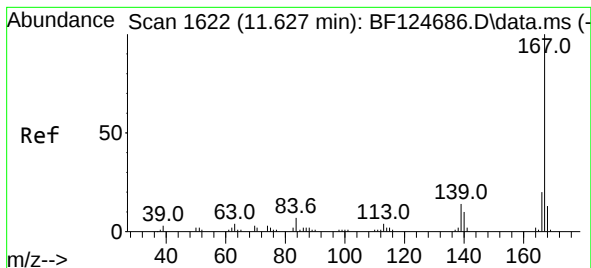
Tgt Ion:178 Resp: 72778
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.0 11.5 17.3



#72
Anthracene
Concen: 50.621 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:178 Resp: 75433
Ion Ratio Lower Upper
178 100
176 16.9 14.3 21.5
179 15.0 12.2 18.4





#73

Carbazole

Concen: 47.312 ng

RT: 11.639 min Scan# 1624

Delta R.T. 0.012 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

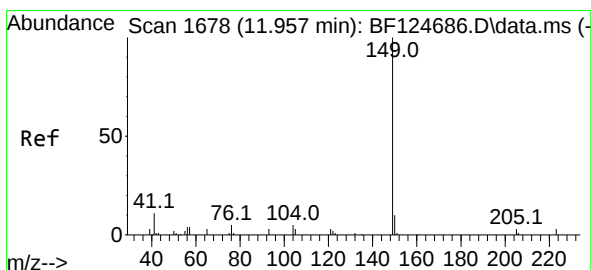
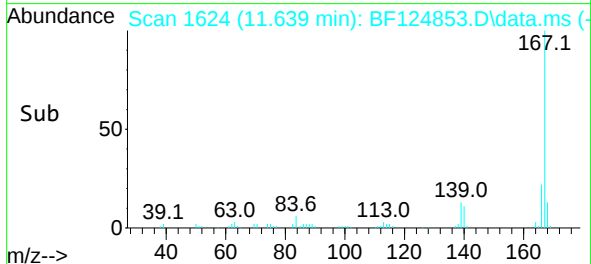
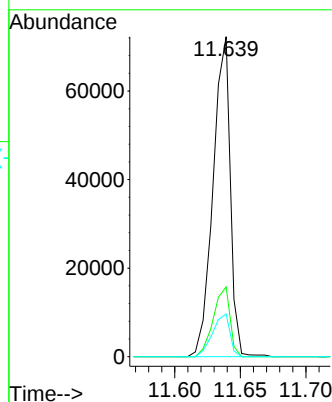
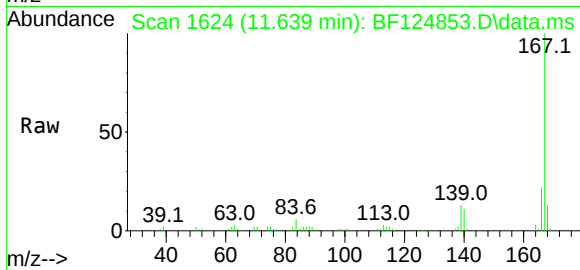
Tgt Ion:167	Resp:	66086
Ion Ratio	Lower	Upper
167	100	
166	21.8	17.4 26.0
139	13.3	11.0 16.4

Instrument :

BNA_F

ClientSampleId :

20210590-AMENDED-COM-4MSD



#74

Di-n-butylphthalate

Concen: 53.455 ng

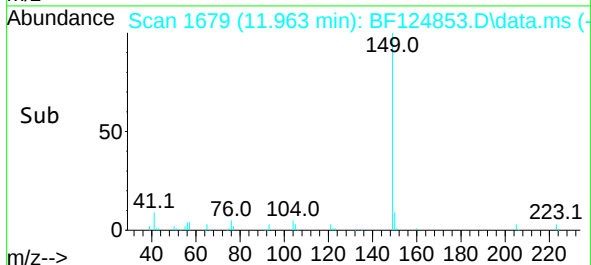
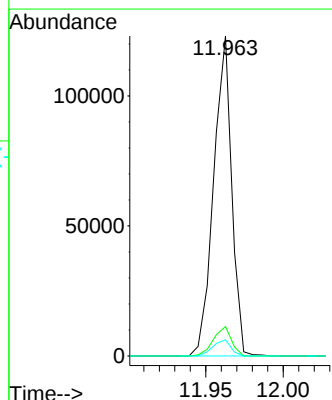
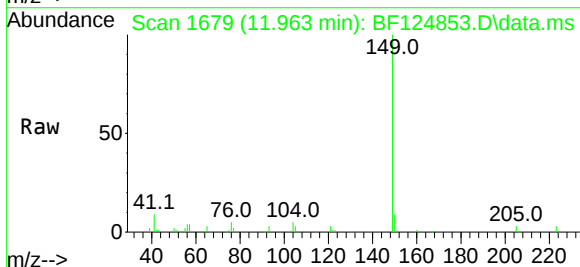
RT: 11.963 min Scan# 1679

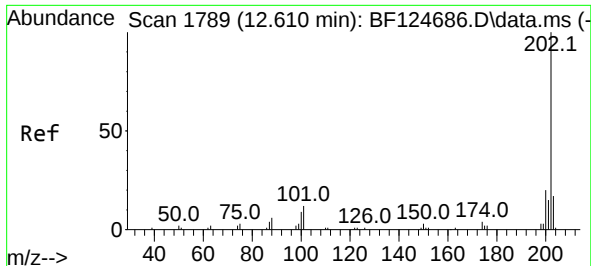
Delta R.T. 0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

Tgt Ion:149	Resp:	99453
Ion Ratio	Lower	Upper
149	100	
150	9.2	7.4 11.2
104	5.0	4.1 6.1

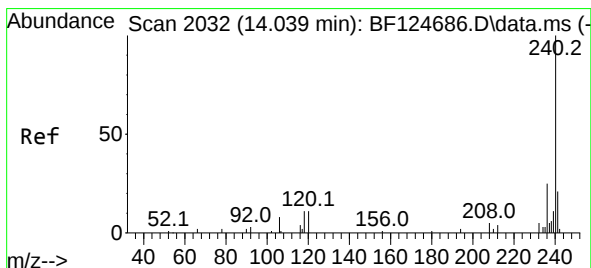
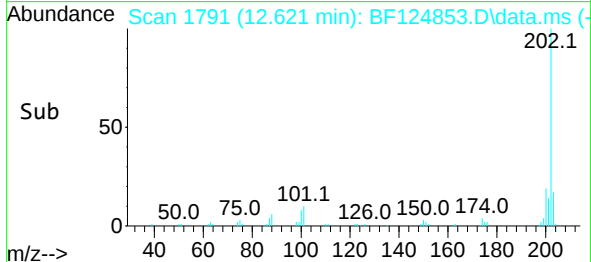
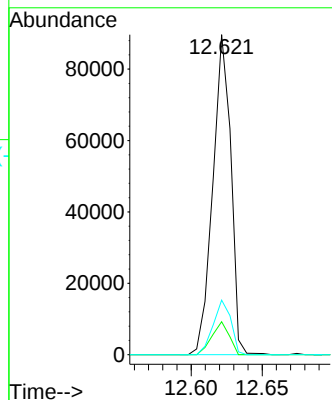
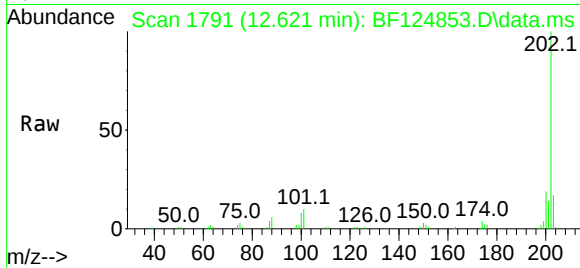




#75
Fluoranthene
Concen: 52.097 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

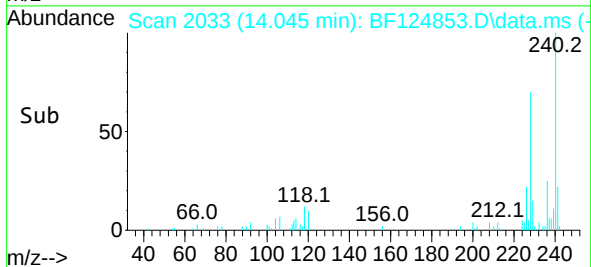
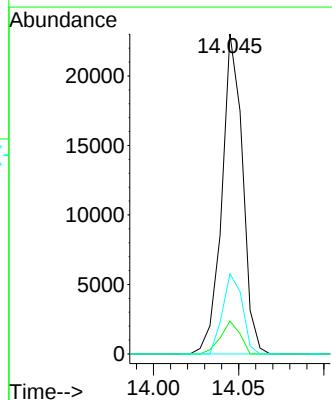
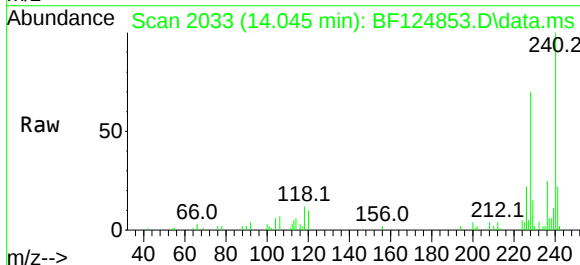
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

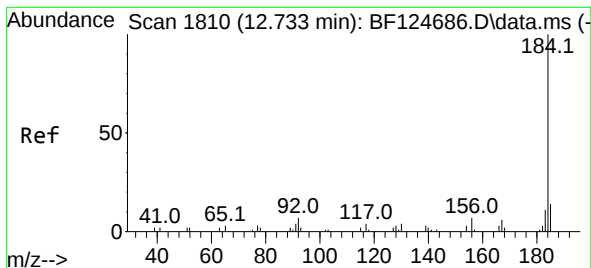
Tgt Ion:202 Resp: 79244
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:240 Resp: 19403
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.0 21.6 32.4





#77

Benzidine

Concen: 64.915 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

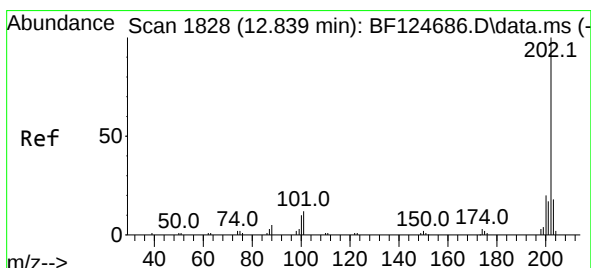
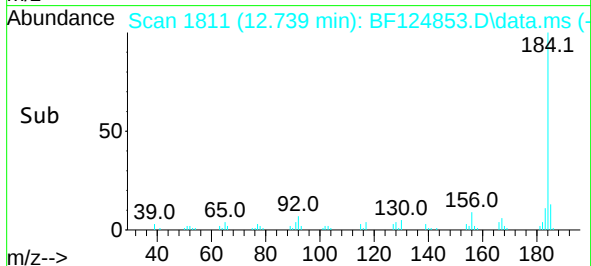
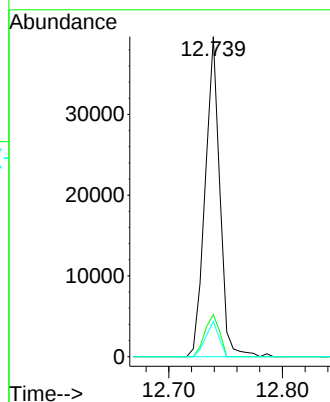
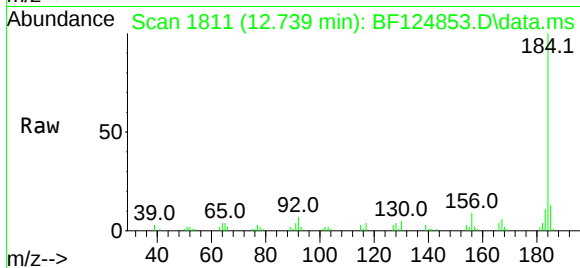
Tgt Ion:184 Resp: 35518

Ion Ratio Lower Upper

184 100

185 13.2 10.8 16.2

183 11.0 8.1 12.1



#78

Pyrene

Concen: 51.107 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.012 min

Lab File: BF124853.D

Acq: 29 Jul 2021 16:08

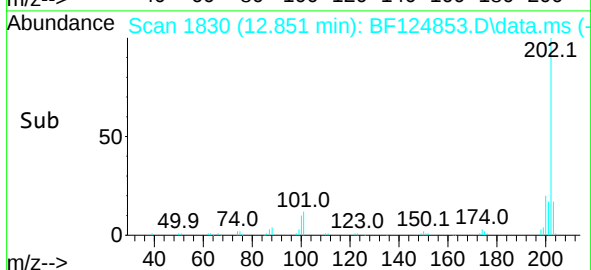
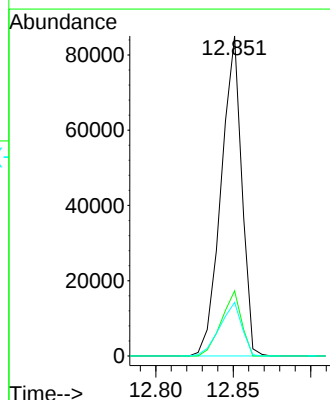
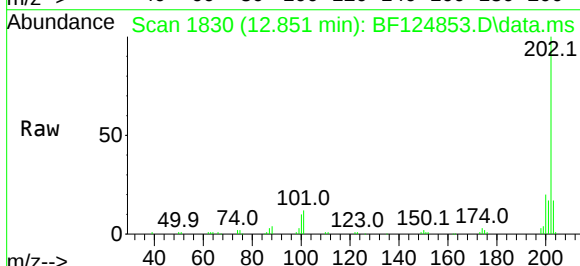
Tgt Ion:202 Resp: 78504

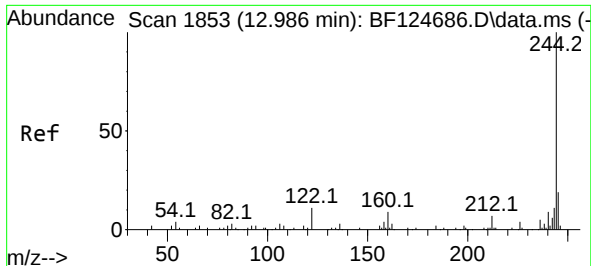
Ion Ratio Lower Upper

202 100

200 20.4 15.3 22.9

203 16.8 13.4 20.0

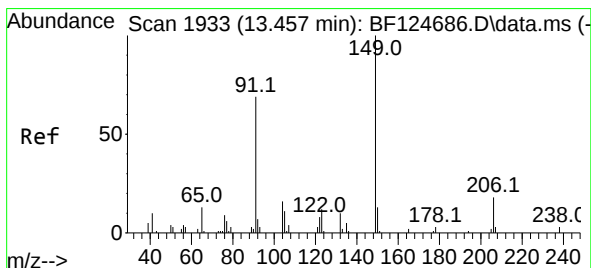
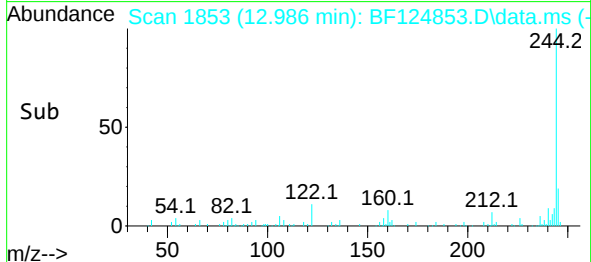
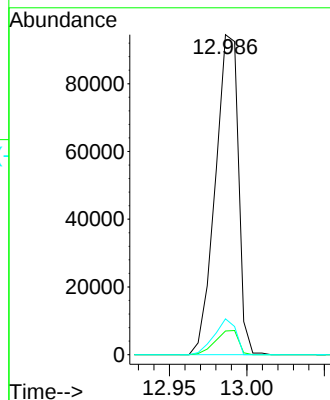
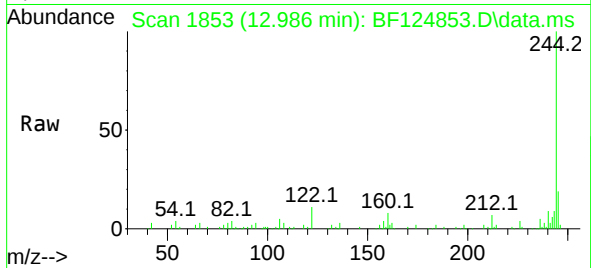




#79
 Terphenyl-d14
 Concen: 86.149 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124853.D
 Acq: 29 Jul 2021 16:08

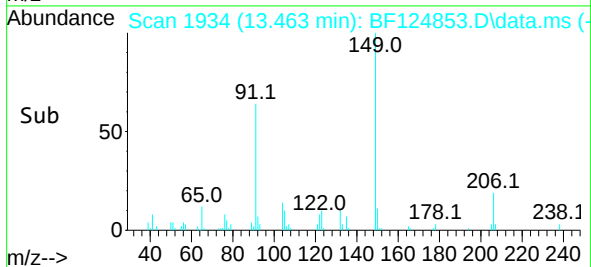
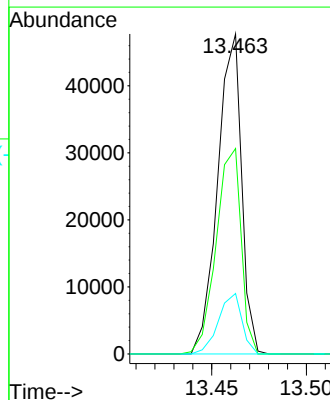
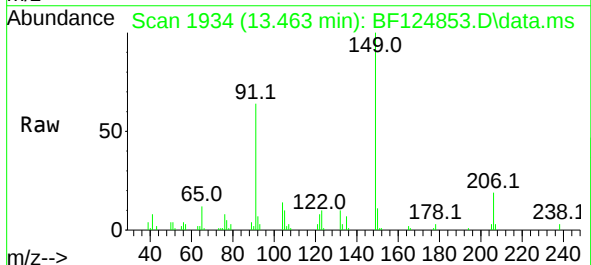
Instrument :
 BNA_F
 ClientSampleId :
 20210590-AMENDED-COM-4MSD

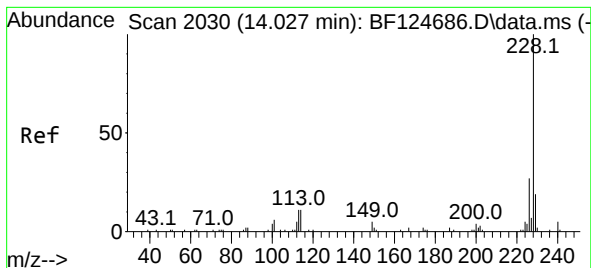
Tgt Ion:	244	Resp:	97515
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.9	8.9
122	11.2	9.0	13.4



#80
 Butylbenzylphthalate
 Concen: 56.989 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. 0.006 min
 Lab File: BF124853.D
 Acq: 29 Jul 2021 16:08

Tgt Ion:	149	Resp:	41928
Ion Ratio	Lower	Upper	
149	100		
91	64.2	51.8	77.8
206	18.9	14.5	21.7

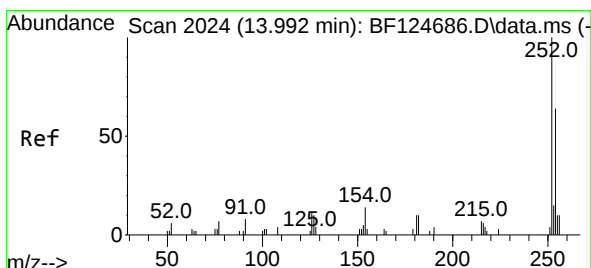
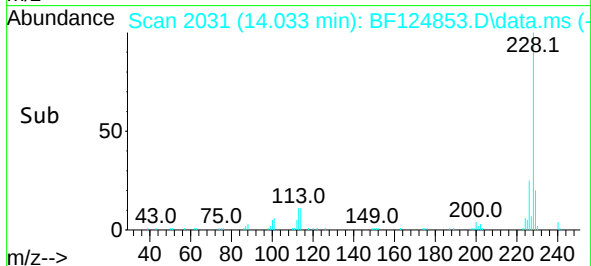
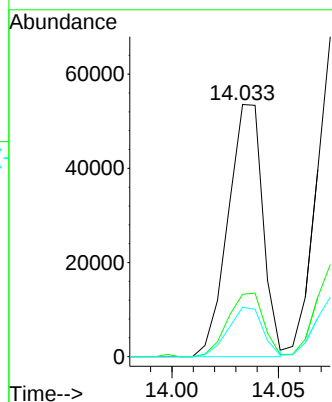
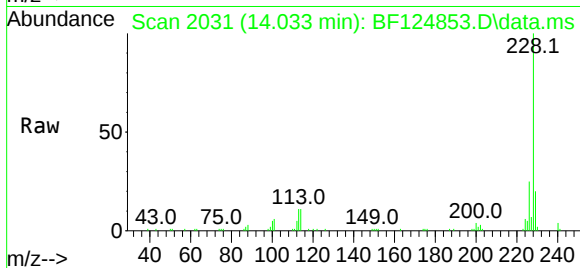




#81
Benzo(a)anthracene
Concen: 47.871 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

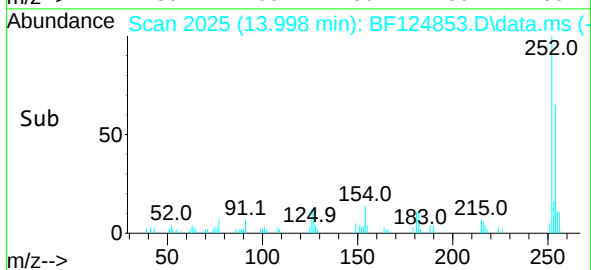
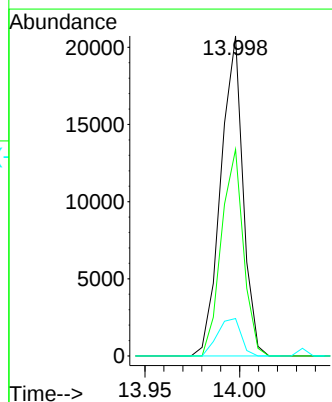
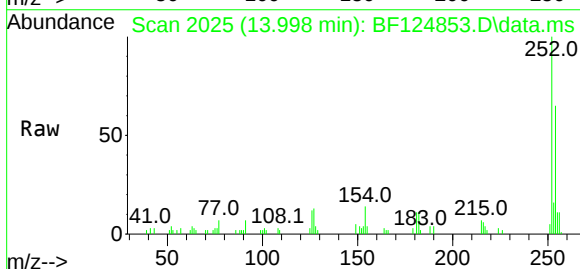
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

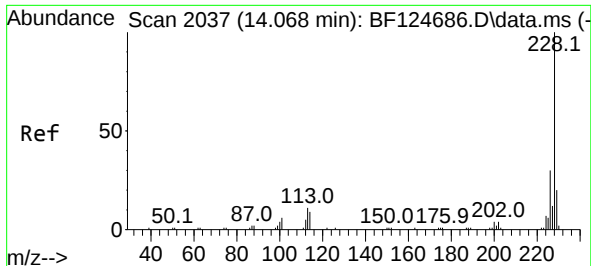
Tgt Ion:228 Resp: 60715
Ion Ratio Lower Upper
228 100
226 24.7 21.6 32.4
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.934 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:252 Resp: 16872
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 11.7 9.5 14.3

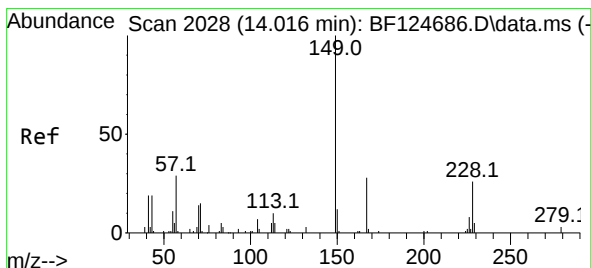
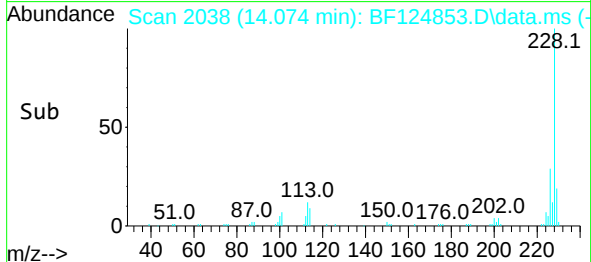
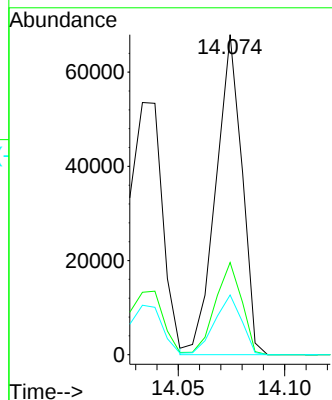
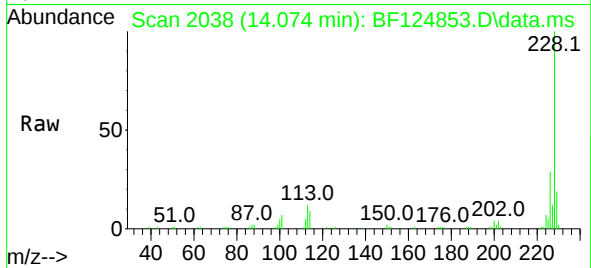




#83
Chrysene
Concen: 47.292 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

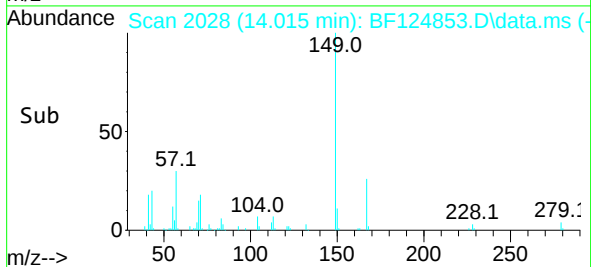
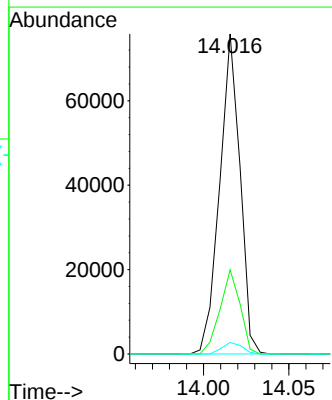
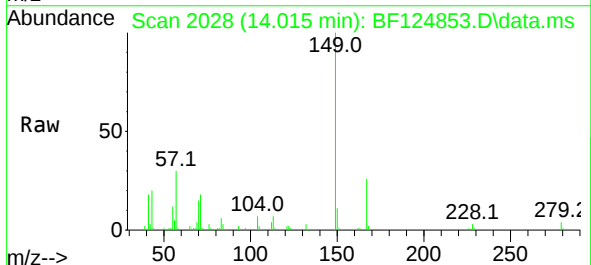
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

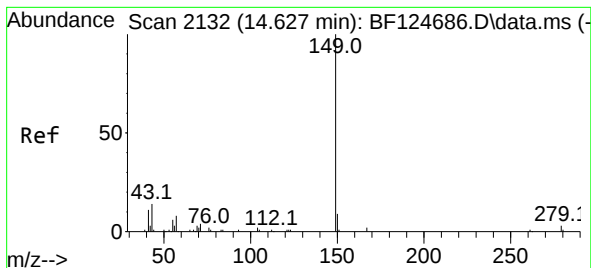
Tgt Ion:228	Resp:	57787
Ion Ratio	Lower	Upper
228	100	
226	28.8	22.6 34.0
229	18.6	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.017 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:149	Resp:	62873
Ion Ratio	Lower	Upper
149	100	
167	26.3	21.4 32.0
279	3.6	2.6 4.0

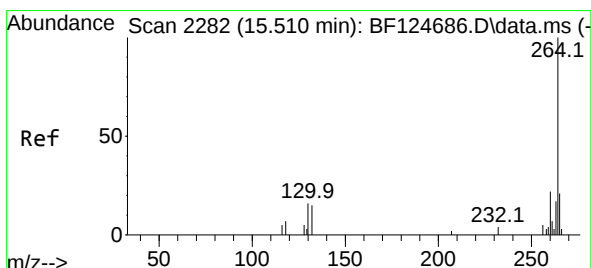
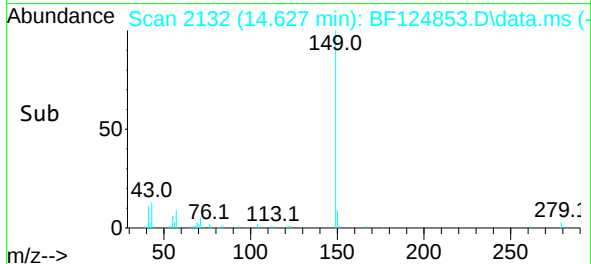
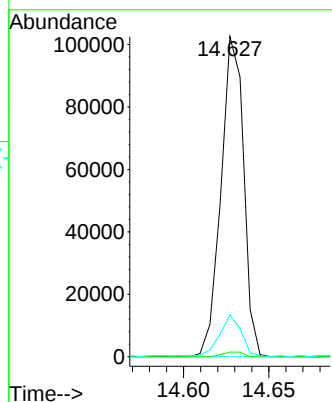
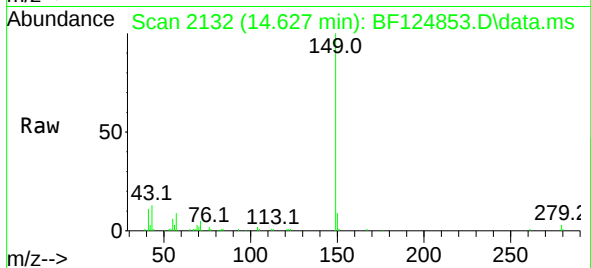




#85
Di-n-octyl phthalate
Concen: 53.777 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

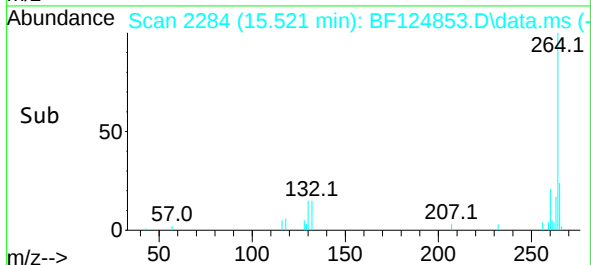
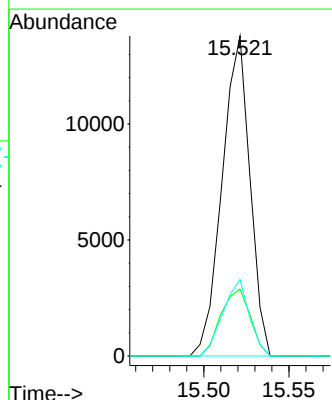
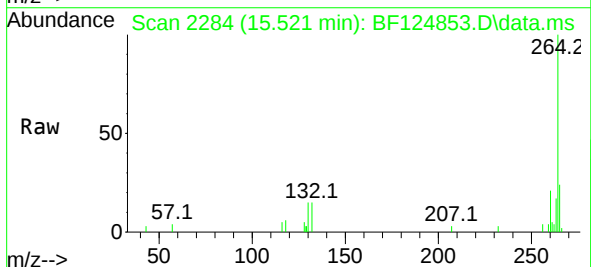
Instrument :
BNA_F
ClientSampleId :
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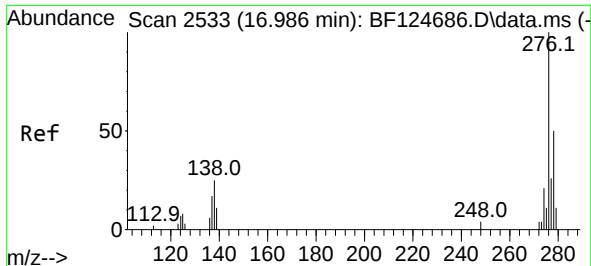
Tgt Ion:149 Resp: 94569
Ion Ratio Lower Upper
149 100
167 1.3 1.0 1.6
43 12.6 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:264 Resp: 15641
Ion Ratio Lower Upper
264 100
260 20.9 19.6 29.4
265 23.9 17.2 25.8

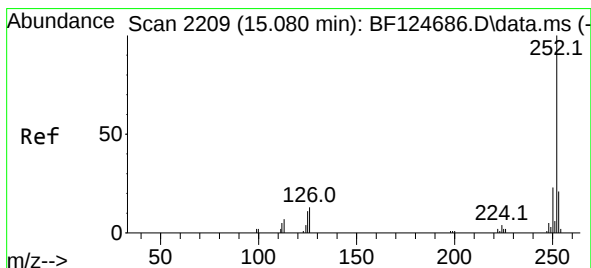
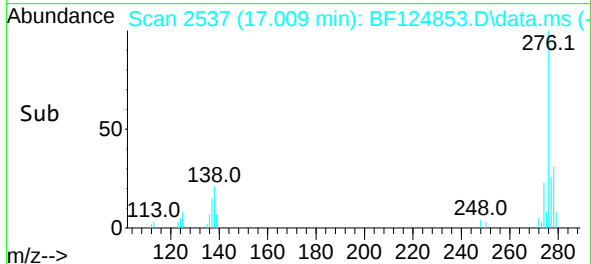
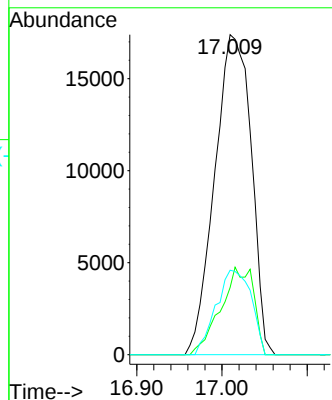
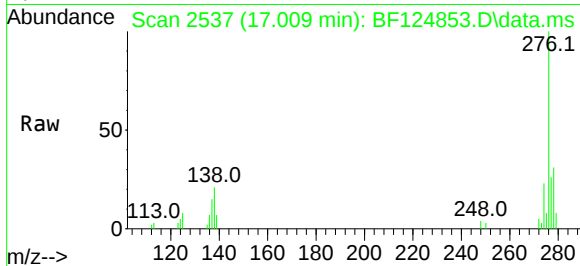




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.212 ng
RT: 17.009 min Scan# 2537
Delta R.T. 0.023 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

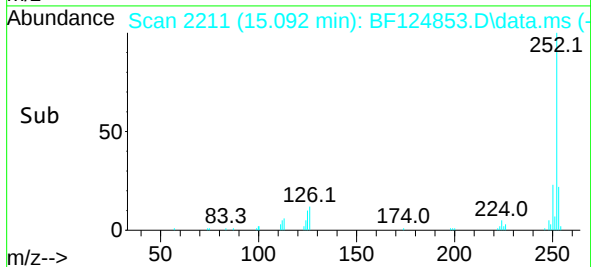
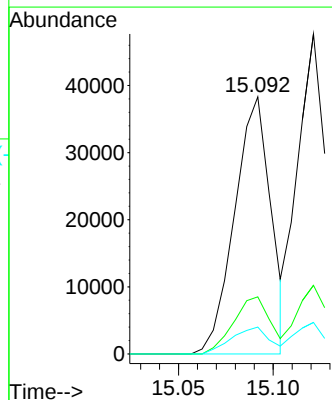
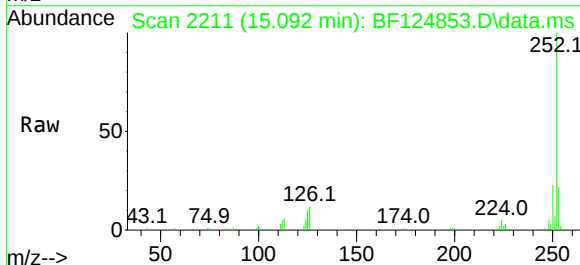
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ClientSampleId :
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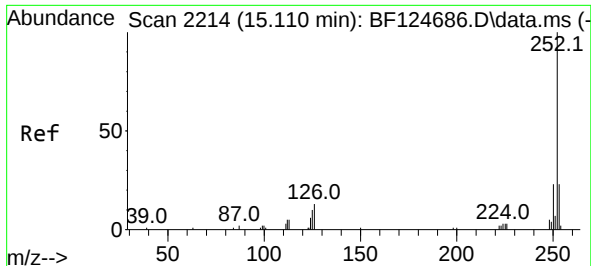
Tgt Ion:276 Resp: 51662
Ion Ratio Lower Upper
276 100
138 24.6 24.1 36.1
277 25.4 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 46.370 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:252 Resp: 51065
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 10.5 9.8 14.8

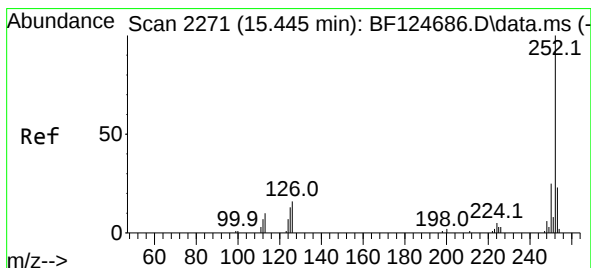
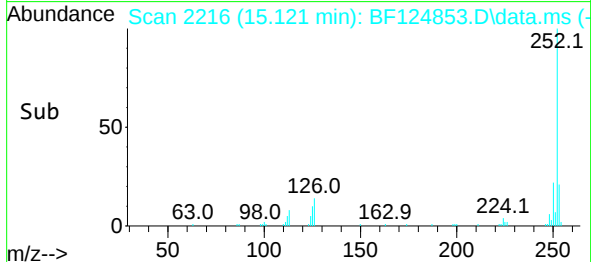
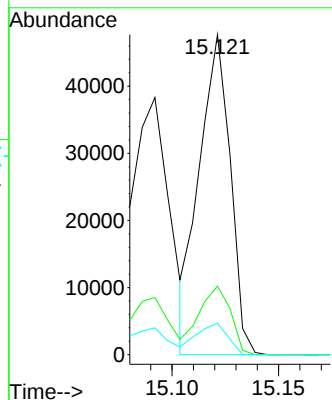
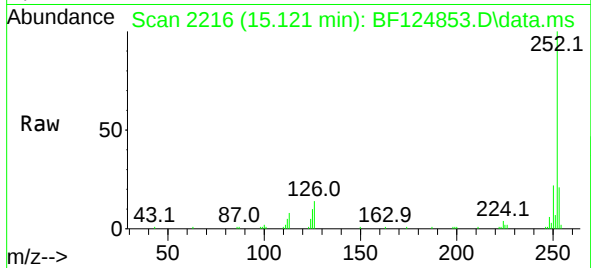




#89
Benzo(k)fluoranthene
Concen: 47.795 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

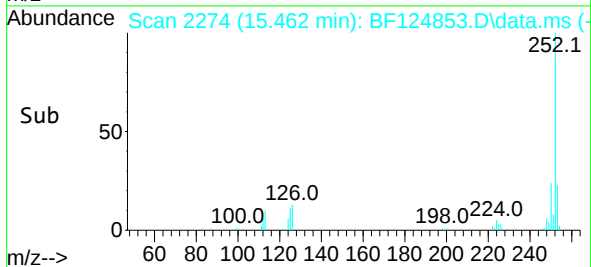
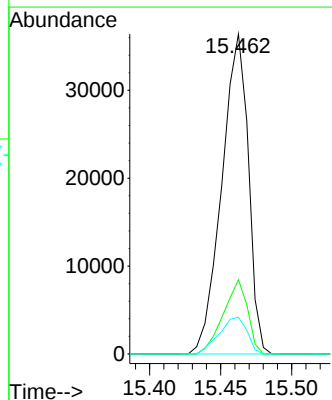
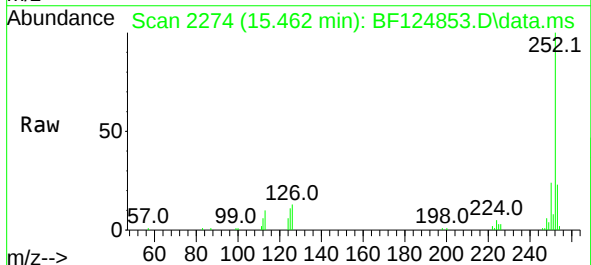
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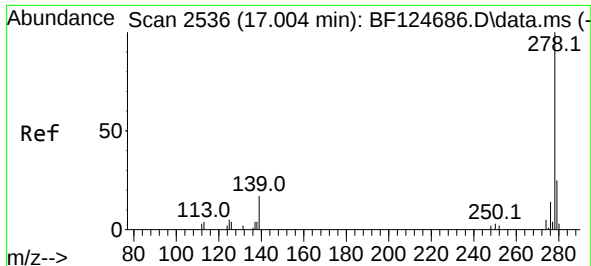
Tgt Ion:	252	Resp:	48092
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.8
125	9.9	7.2	10.8



#90
Benzo(a)pyrene
Concen: 51.432 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:	252	Resp:	47314
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	11.4	9.9	14.9

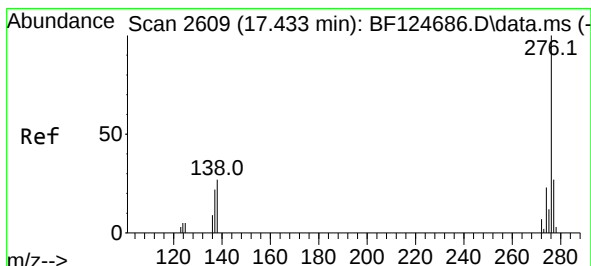
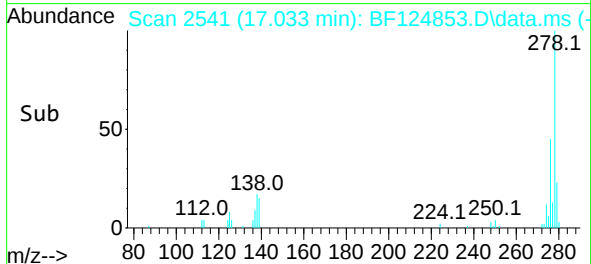
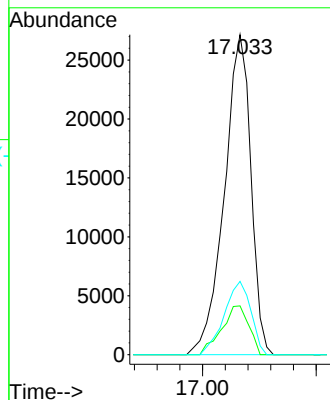
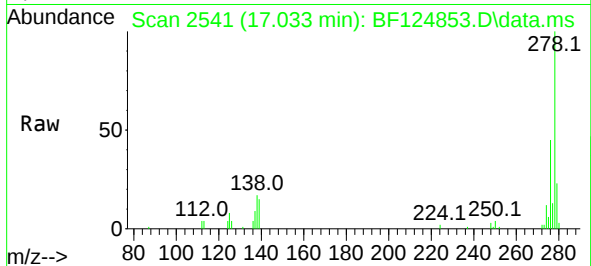




#91
Dibenzo(a,h)anthracene
Concen: 55.555 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.029 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

Tgt Ion:278	Resp: 43917
Ion Ratio	Lower Upper
278 100	
139 15.3	14.9 22.3
279 22.9	19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 56.144 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.041 min
Lab File: BF124853.D
Acq: 29 Jul 2021 16:08

Tgt Ion:276	Resp: 42087
Ion Ratio	Lower Upper
276 100	
277 24.0	22.0 33.0
138 21.7	22.2 33.4#

