

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124135.D
 Acq On : 4 Jun 2021 12:37
 Operator : JU/CG
 Sample : M2580-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B4(2-4)MSD

Quant Time: Jun 04 13:18:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	41137	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	159109	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	83400	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	126685	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	94724	20.00	ng	0.00
86) Perylene-d12	15.521	264	82926	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	279237	102.18	ng	0.01
7) Phenol-d6	6.516	99	349049	95.03	ng	0.00
23) Nitrobenzene-d5	7.434	82	242510	60.45	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	98667	83.50	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	461224	69.59	ng	0.00
79) Terphenyl-d14	12.974	244	364255	52.80	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	41105	34.37	ng	95
3) Pyridine	3.451	79	104893	34.25	ng	86
4) n-Nitrosodimethylamine	3.410	42	75834	41.67	ng	90
6) Aniline	6.534	93	130041	31.00	ng	# 82
8) 2-Chlorophenol	6.657	128	139330	45.82	ng	96
9) Benzaldehyde	6.416	77	93898	57.51	ng	92
10) Phenol	6.528	94	181436	45.71	ng	# 74
11) bis(2-Chloroethyl)ether	6.604	93	134336	46.42	ng	92
12) 1,3-Dichlorobenzene	6.810	146	160011	45.01	ng	94
13) 1,4-Dichlorobenzene	6.887	146	158952	44.58	ng	93
14) 1,2-Dichlorobenzene	7.039	146	152699	44.77	ng	95
15) Benzyl Alcohol	7.016	79	140040	42.29	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	199107	44.10	ng	85
17) 2-Methylphenol	7.128	107	112244	45.41	ng	# 89
18) Hexachloroethane	7.381	117	62448	44.47	ng	# 86
19) n-Nitroso-di-n-propyla...	7.286	70	114657	44.22	ng	# 84
20) 3+4-Methylphenols	7.281	107	153930	47.00	ng	# 85
22) Acetophenone	7.275	105	209449	46.18	ng	# 98
24) Nitrobenzene	7.451	77	163752	40.69	ng	96
25) Isophorone	7.692	82	284465	39.35	ng	97
26) 2-Nitrophenol	7.769	139	75832	42.18	ng	89
27) 2,4-Dimethylphenol	7.810	122	130540	51.49	ng	93
28) bis(2-Chloroethoxy)met...	7.898	93	166320	46.41	ng	95
29) 2,4-Dichlorophenol	8.016	162	123110	41.97	ng	92
30) 1,2,4-Trichlorobenzene	8.092	180	139454	42.42	ng	92
31) Naphthalene	8.175	128	413917	43.51	ng	96
32) Benzoic acid	7.934	122	45794	29.44	ng	97
33) 4-Chloroaniline	8.222	127	38385	10.85	ng	96
34) Hexachlorobutadiene	8.286	225	95257	41.02	ng	97
35) Caprolactam	8.598	113	24259	30.10	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	135903	42.35	ng	88
37) 2-Methylnaphthalene	8.863	142	285253	42.76	ng	100
38) 1-Methylnaphthalene	8.963	142	254933	40.89	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	140163	47.43	ng	97
41) Hexachlorocyclopentadiene	9.016	237	78351	51.88	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	87765	45.54	ng	99

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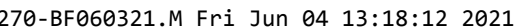
Instrument :
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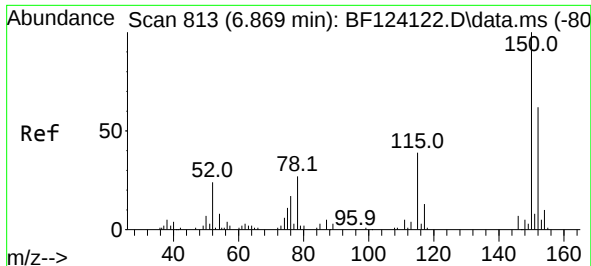
Quant Time: Jun 04 13:18:01 2021
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 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	89230	43.13	ng	94
46) 1,1'-Biphenyl	9.328	154	336700	47.83	ng	96
47) 2-Chloronaphthalene	9.357	162	253598	44.25	ng	95
48) 2-Nitroaniline	9.451	65	92313	44.64	ng	96
49) Acenaphthylene	9.769	152	380283	45.65	ng	97
50) Dimethylphthalate	9.633	163	353918	51.29	ng	99
51) 2,6-Dinitrotoluene	9.692	165	66561	42.07	ng	86
52) Acenaphthene	9.945	154	250024	45.96	ng	95
53) 3-Nitroaniline	9.863	138	46080	31.12	ng	# 89
54) 2,4-Dinitrophenol	9.963	184	15337	21.64	ng	# 87
55) Dibenzofuran	10.116	168	369555	43.40	ng	100
56) 4-Nitrophenol	10.033	139	80852	76.40	ng	# 87
57) 2,4-Dinitrotoluene	10.098	165	85417	40.94	ng	# 92
58) Fluorene	10.457	166	285626	43.70	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.233	232	67047	39.99	ng	92
60) Diethylphthalate	10.327	149	304097	43.67	ng	97
61) 4-Chlorophenyl-phenyle...	10.445	204	136622	40.88	ng	95
62) 4-Nitroaniline	10.475	138	49767	33.43	ng	# 80
63) Azobenzene	10.604	77	277918	38.29	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	14377	14.12	ng	# 69
66) n-Nitrosodiphenylamine	10.569	169	232266	48.25	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	78691	45.25	ng	# 83
68) Hexachlorobenzene	11.004	284	86187	43.76	ng	97
69) Atrazine	11.092	200	67628	49.63	ng	95
70) Pentachlorophenol	11.204	266	78379	75.78	ng	95
71) Phenanthrene	11.422	178	467577	59.08	ng	99
72) Anthracene	11.469	178	382861	48.04	ng	98
73) Carbazole	11.627	167	292468	42.11	ng	97
74) Di-n-butylphthalate	11.951	149	401149	44.94	ng	98
75) Fluoranthene	12.616	202	551039	66.33	ng	97
77) Benzidine	12.727	184	56666	27.56	ng	# 93
78) Pyrene	12.839	202	492382	54.13	ng	98
80) Butylbenzylphthalate	13.451	149	155755	42.21	ng	99
81) Benzo(a)anthracene	14.033	228	348300	50.47	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	72027	35.58	ng	97
83) Chrysene	14.068	228	357291	53.67	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	244734	55.76	ng	94
85) Di-n-octyl phthalate	14.627	149	369808	63.13	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.021	276	246343	36.80	ng	97
88) Benzo(b)fluoranthene	15.092	252	400925	62.24	ng	# 97
89) Benzo(k)fluoranthene	15.121	252	272484	44.68	ng	99
90) Benzo(a)pyrene	15.462	252	278970	49.86	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	188759	33.44	ng	98
92) Benzo(g,h,i)perylene	17.474	276	195228	34.73	ng	98

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

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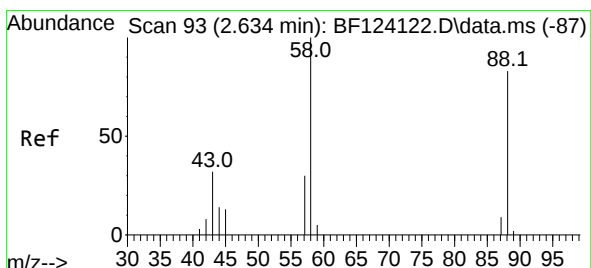
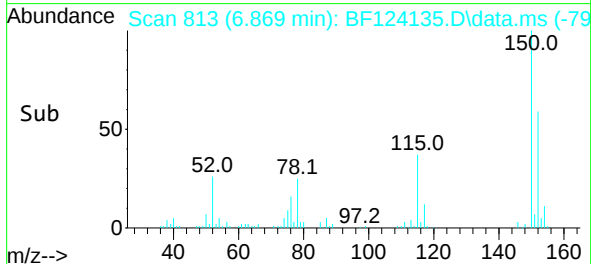
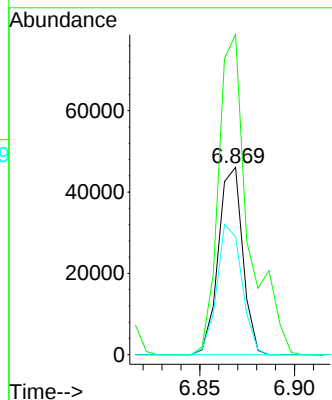
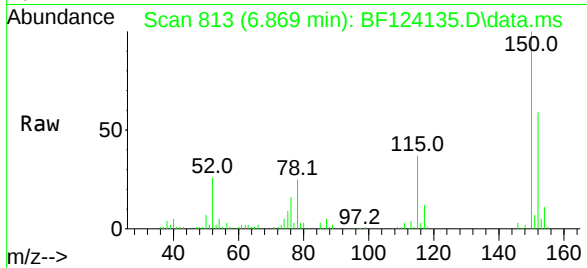




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

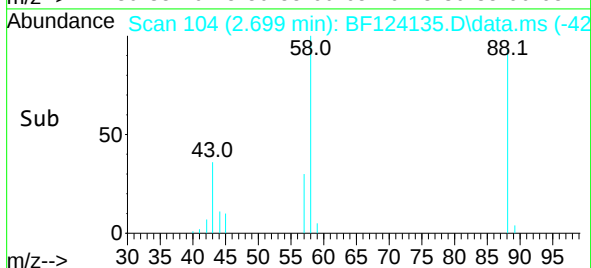
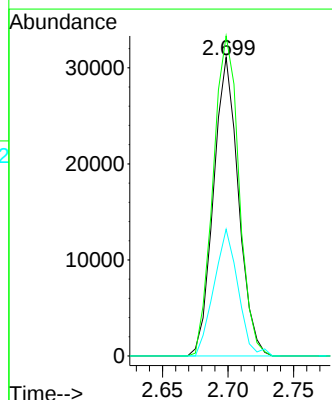
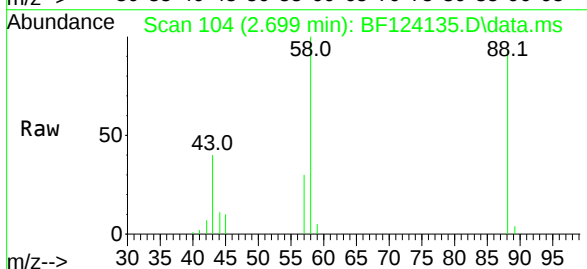
Instrument :
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18-B4(2-4)MSD

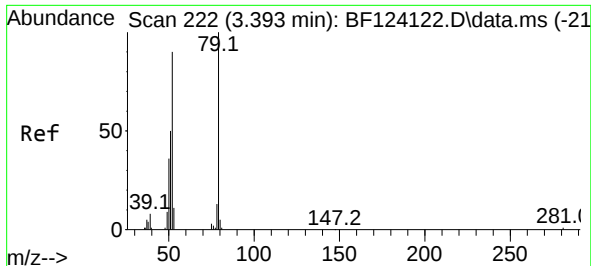
Tgt Ion:152 Resp: 41137
Ion Ratio Lower Upper
152 100
150 170.9 127.0 190.6
115 63.0 54.3 81.5



#2
1,4-Dioxane
Concen: 34.37 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.065 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 88 Resp: 41105
Ion Ratio Lower Upper
88 100
58 110.7 83.8 125.8
43 41.1 32.2 48.4

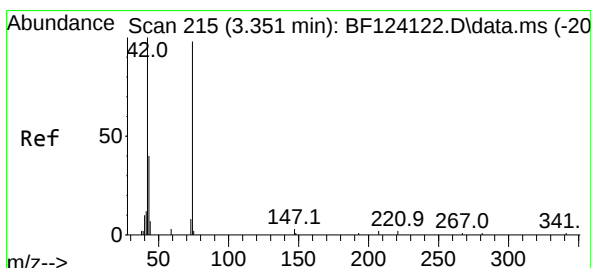
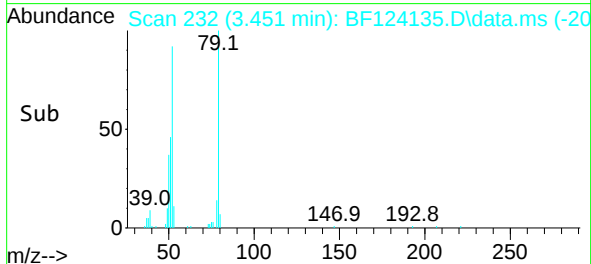
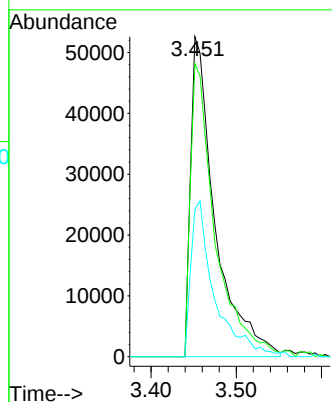
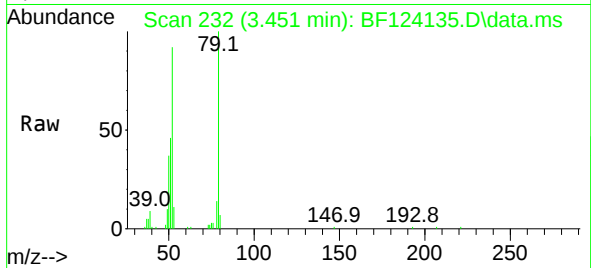




#3
Pyridine
Concen: 34.25 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.059 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

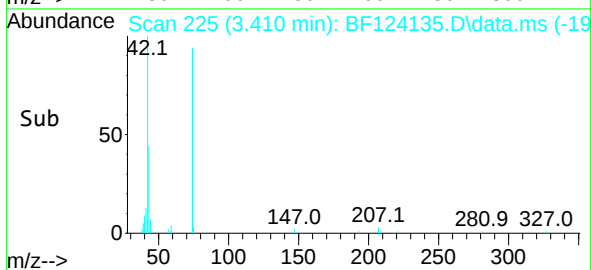
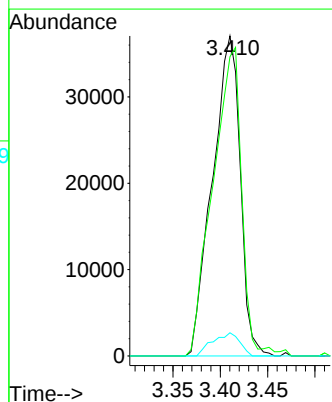
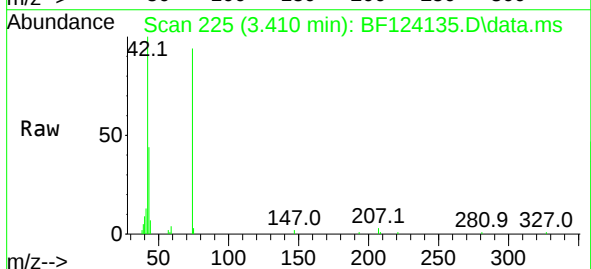
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

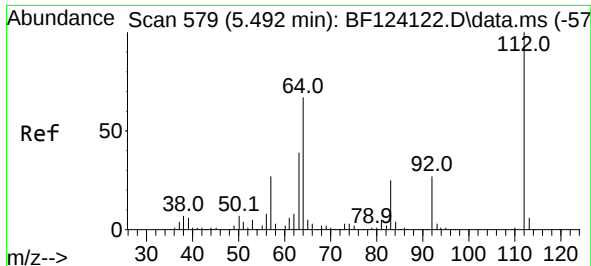
Tgt Ion: 79 Resp: 104893
Ion Ratio Lower Upper
79 100
52 91.5 87.4 131.0
51 46.0 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 41.67 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.059 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 42 Resp: 75834
Ion Ratio Lower Upper
42 100
74 93.5 83.5 125.3
44 7.3 5.7 8.5

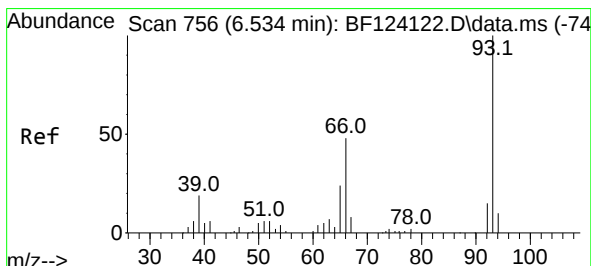
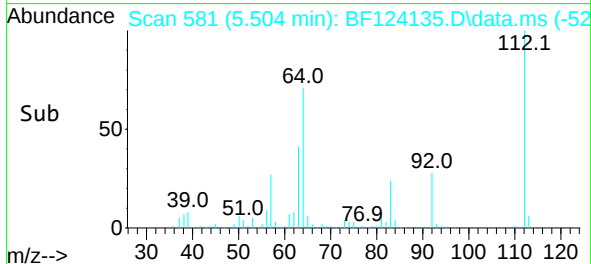
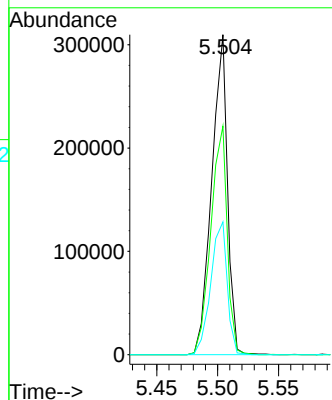
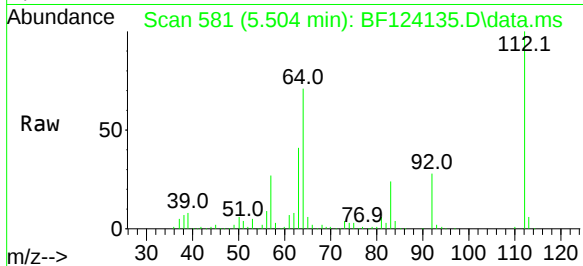




#5
2-Fluorophenol
Concen: 102.18 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

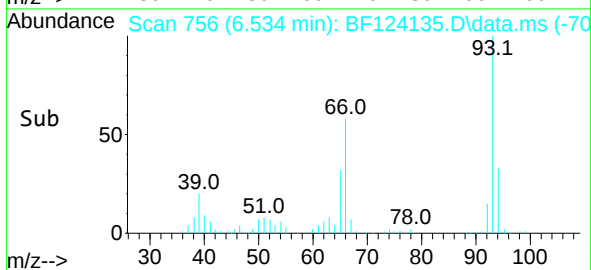
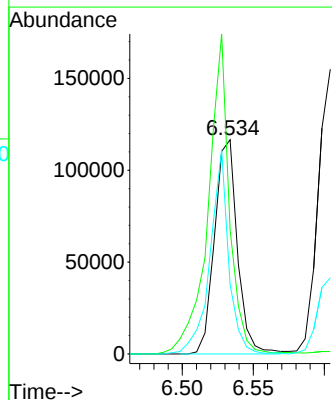
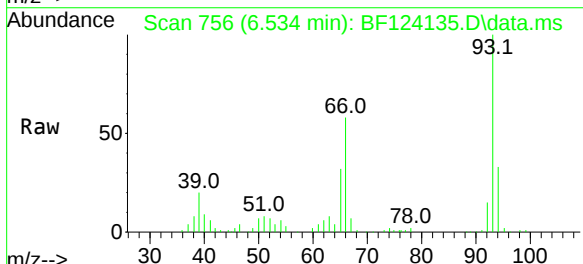
Instrument :
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ClientSampleId :
18-B4(2-4)MSD

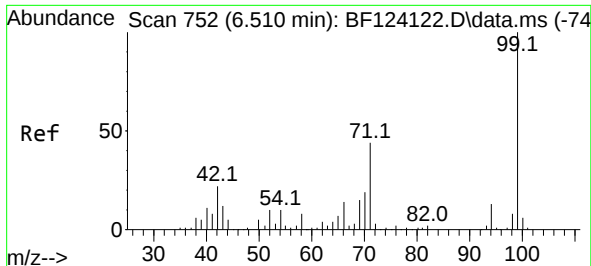
Tgt Ion:112 Resp: 279237
Ion Ratio Lower Upper
112 100
64 71.4 61.4 92.0
63 41.5 33.0 49.4



#6
Aniline
Concen: 31.00 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 93 Resp: 130041
Ion Ratio Lower Upper
93 100
66 57.9 36.4 54.6#
65 32.3 19.4 29.0#

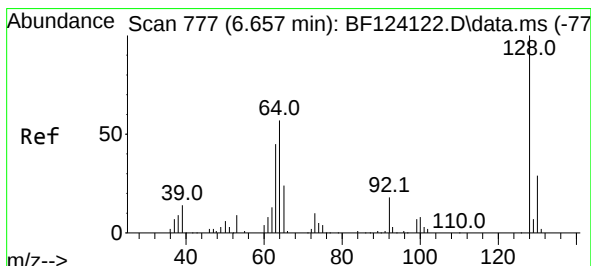
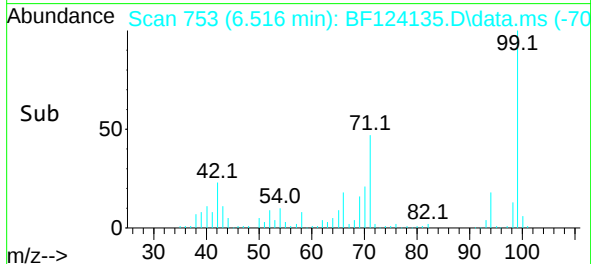
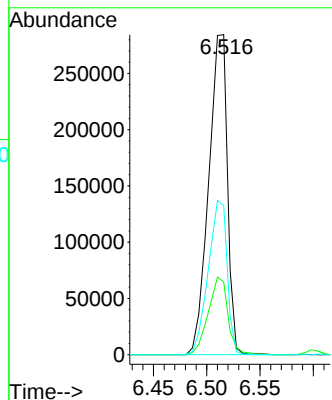
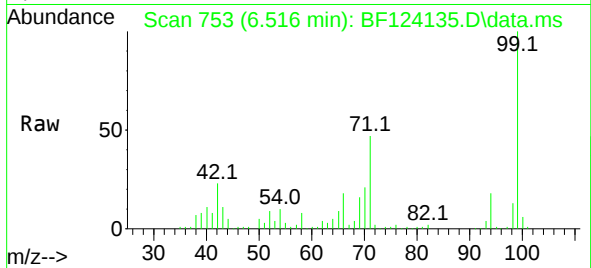




#7
Phenol-d6
Concen: 95.03 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

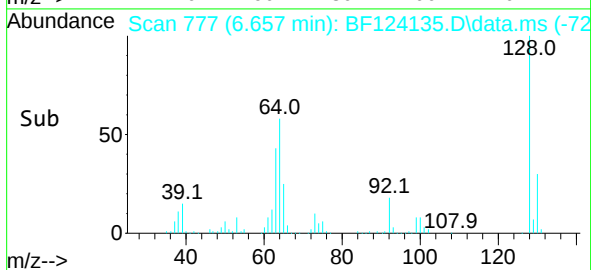
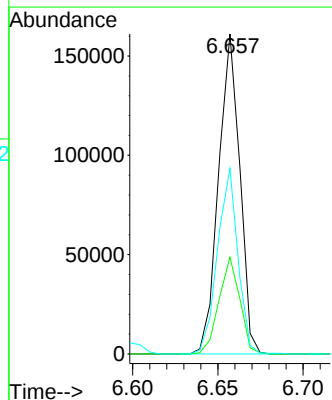
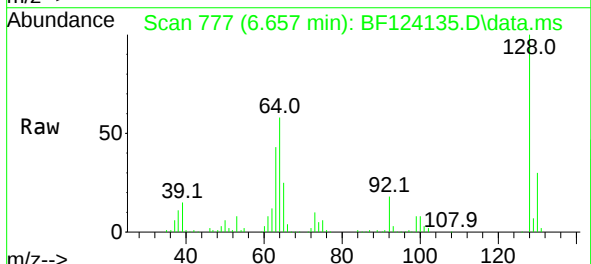
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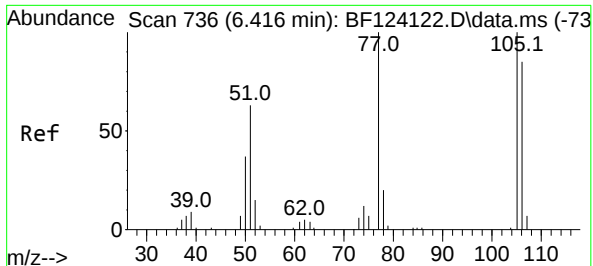
Tgt Ion: 99 Resp: 349049
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 46.6 31.1 46.7



#8
2-Chlorophenol
Concen: 45.82 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:128 Resp: 139330
Ion Ratio Lower Upper
128 100
130 30.3 12.6 52.6
64 58.0 41.5 81.5

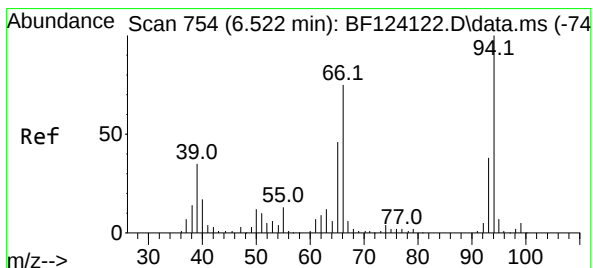
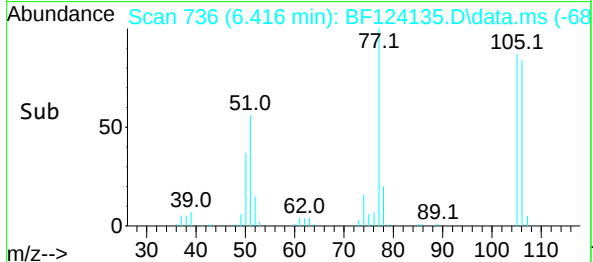
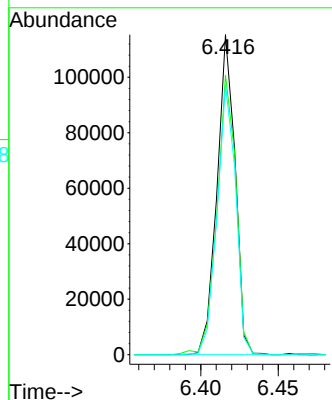
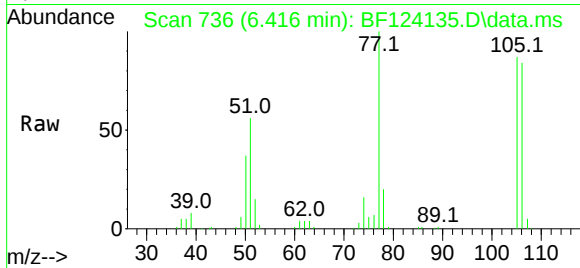




#9
Benzaldehyde
Concen: 57.51 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

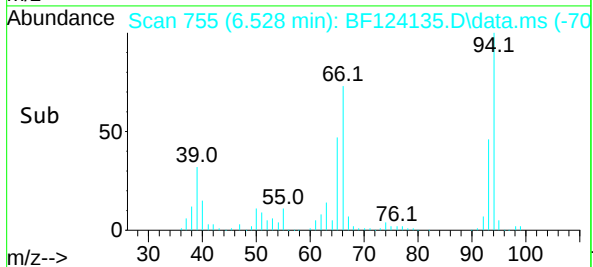
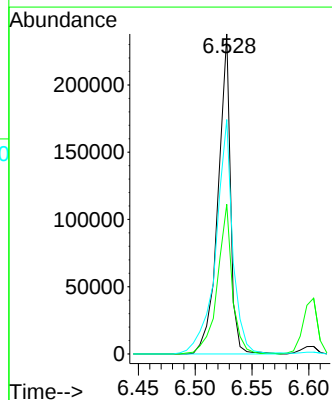
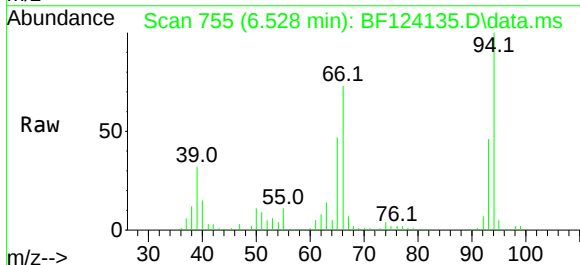
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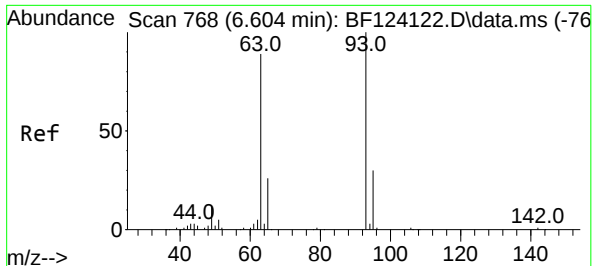
Tgt Ion:	77	Resp:	93898
Ion	Ratio	Lower	Upper
77	100		
105	87.3	75.2	115.2
106	84.3	71.6	111.6



#10
Phenol
Concen: 45.71 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

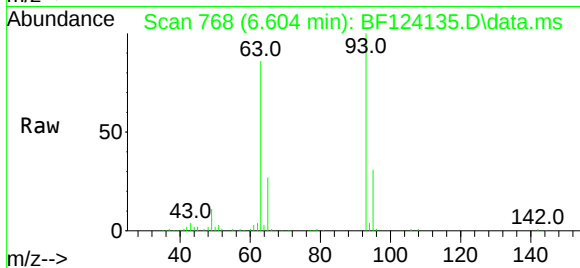
Tgt Ion:	94	Resp:	181436
Ion	Ratio	Lower	Upper
94	100		
65	46.7	18.1	58.1
66	73.2	29.0	69.0#



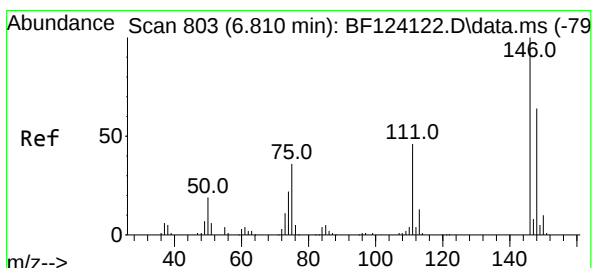
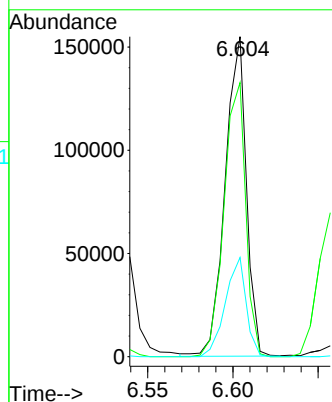
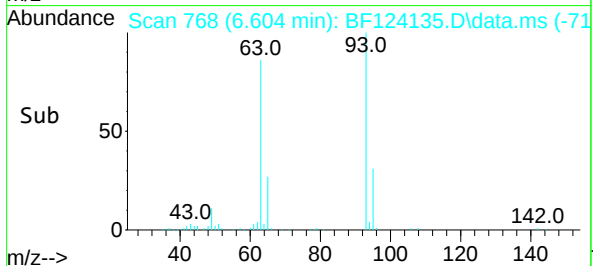


#11
bis(2-Chloroethyl)ether
Concen: 46.42 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

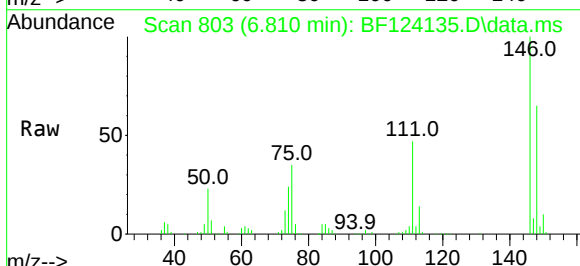
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD



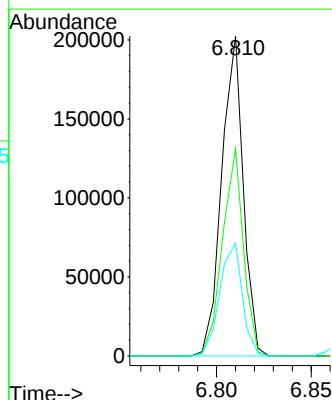
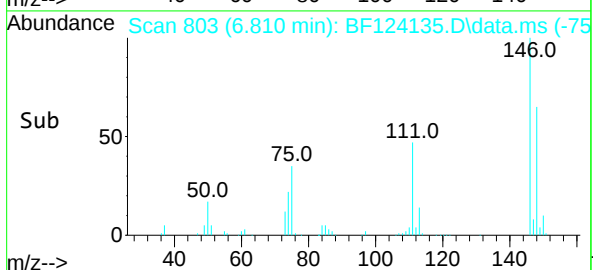
Tgt Ion: 93 Resp: 134336
Ion Ratio Lower Upper
93 100
63 85.7 76.1 116.1
95 31.0 11.5 51.5

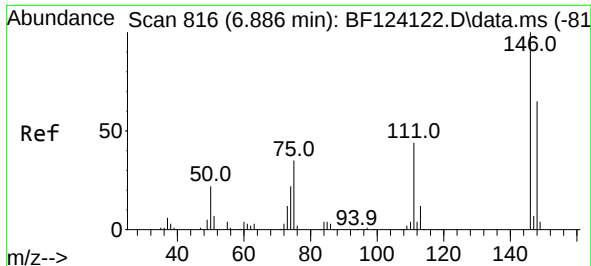


#12
1,3-Dichlorobenzene
Concen: 45.01 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37



Tgt Ion: 146 Resp: 160011
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 35.3 34.2 51.4

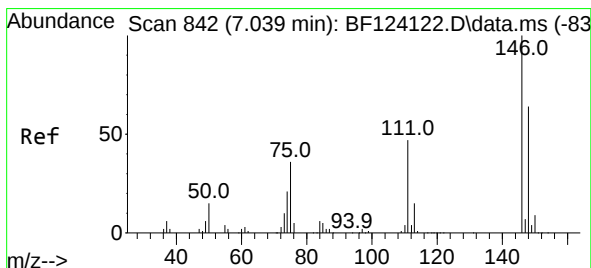
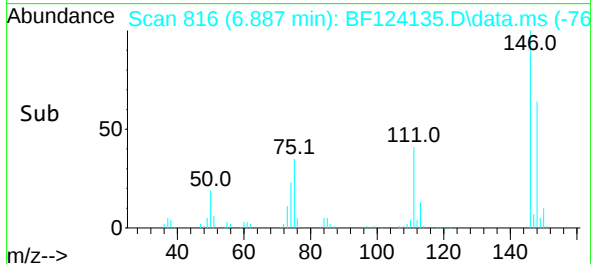
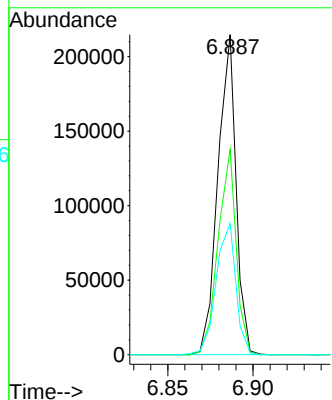
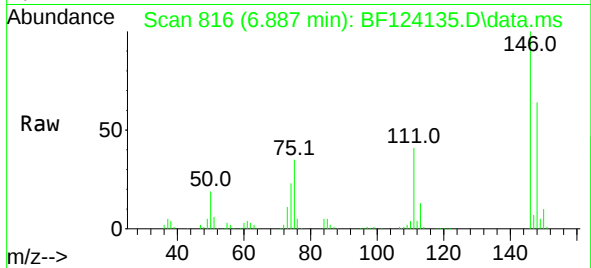




#13
1,4-Dichlorobenzene
Concen: 44.58 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

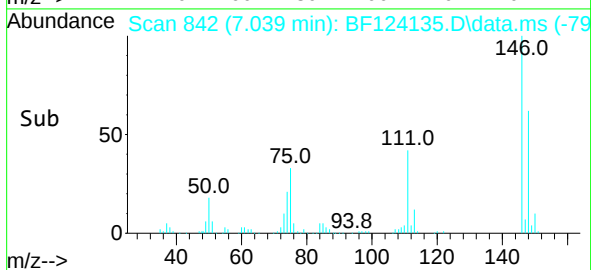
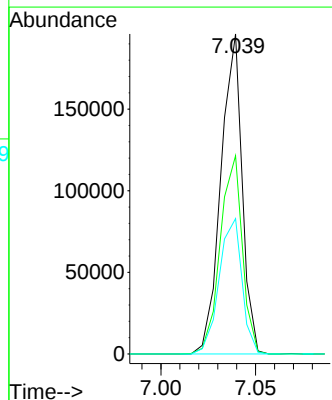
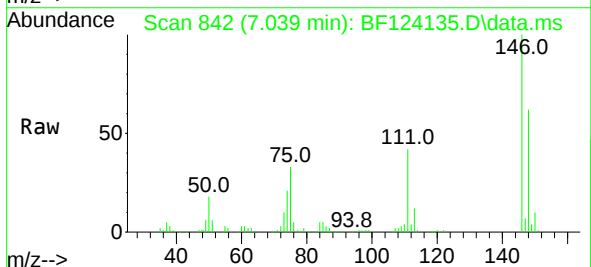
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

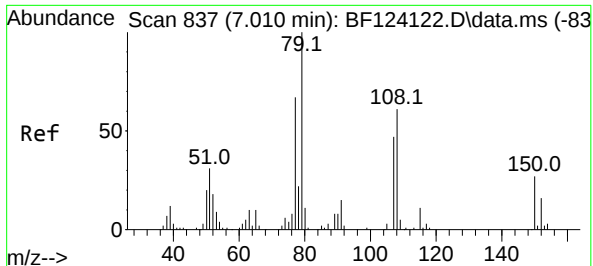
Tgt Ion:146 Resp: 158952
Ion Ratio Lower Upper
146 100
148 64.2 49.9 74.9
111 41.0 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 44.77 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:146 Resp: 152699
Ion Ratio Lower Upper
146 100
148 61.9 51.6 77.4
111 42.3 38.4 57.6





#15

Benzyl Alcohol

Concen: 42.29 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion: 79 Resp: 140040

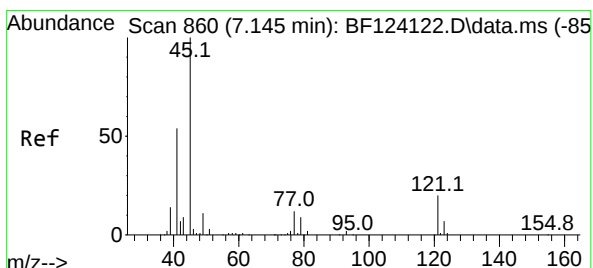
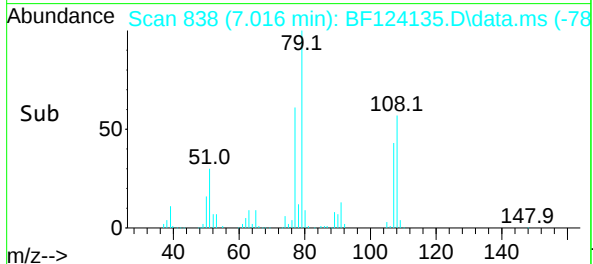
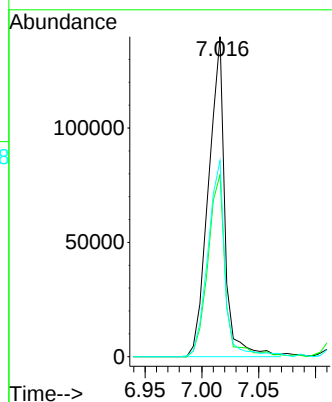
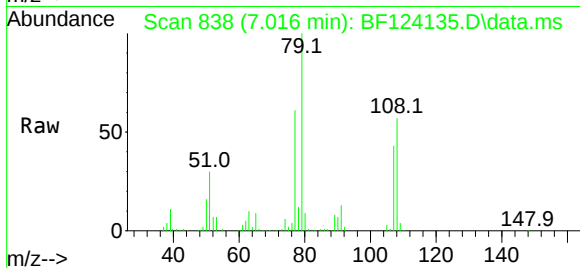
Ion	Ratio	Lower	Upper
79	100		
108	56.9	55.8	83.8
77	61.3	49.9	74.9

Instrument :

BNA_F

ClientSampleId :

18-B4(2-4)MSD



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.10 ng

RT: 7.145 min Scan# 860

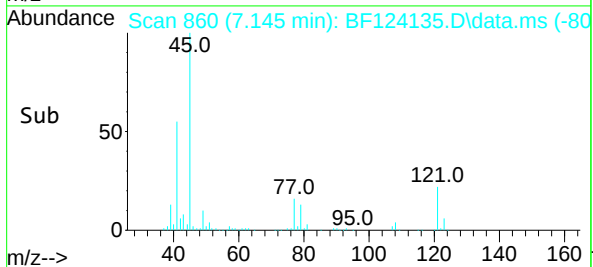
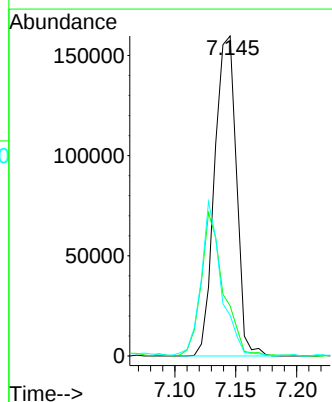
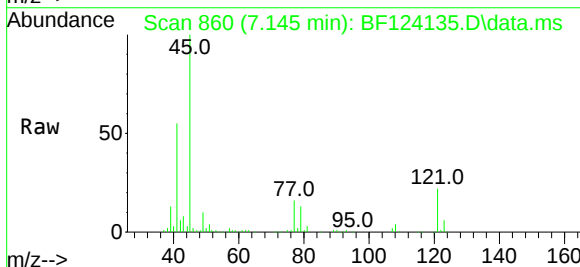
Delta R.T. 0.000 min

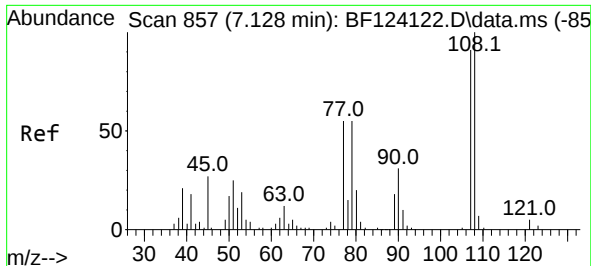
Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion: 45 Resp: 199107

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	30.0
79	12.7	0.0	27.3

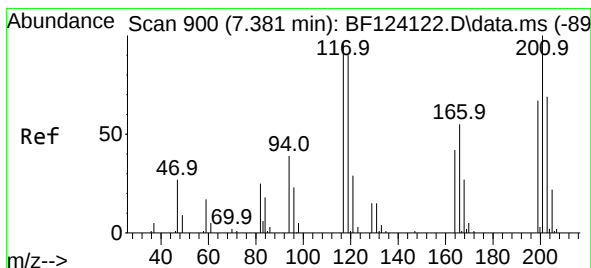
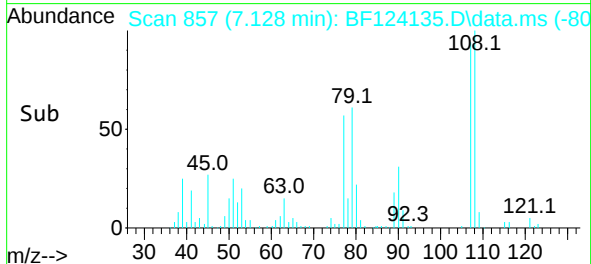
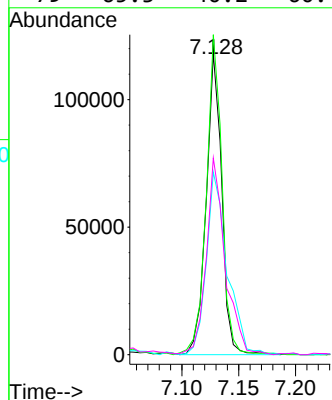
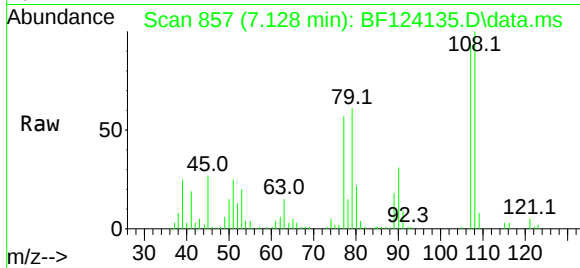




#17
2-Methylphenol
Concen: 45.41 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

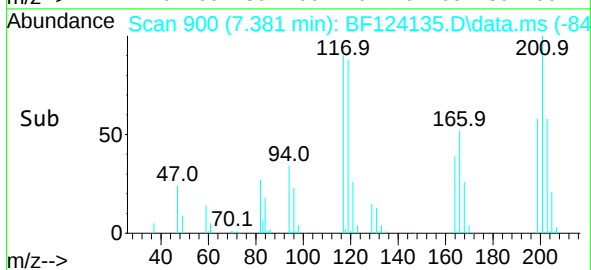
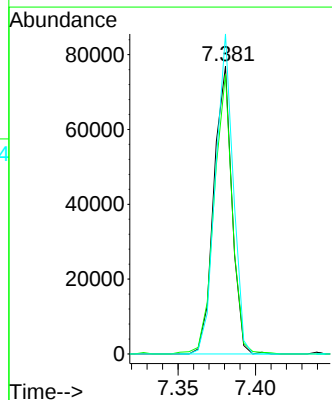
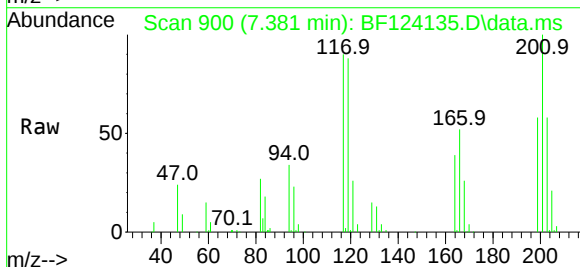
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

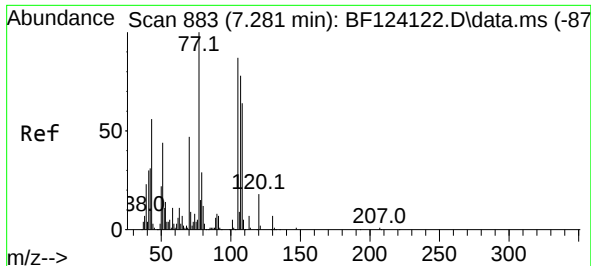
Tgt Ion:107 Resp: 112244
Ion Ratio Lower Upper
107 100
108 106.2 89.8 134.8
77 60.6 40.9 61.3
79 65.3 40.2 60.4#



#18
Hexachloroethane
Concen: 44.47 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:117 Resp: 62448
Ion Ratio Lower Upper
117 100
119 97.4 77.8 116.8
201 111.3 67.8 101.8#

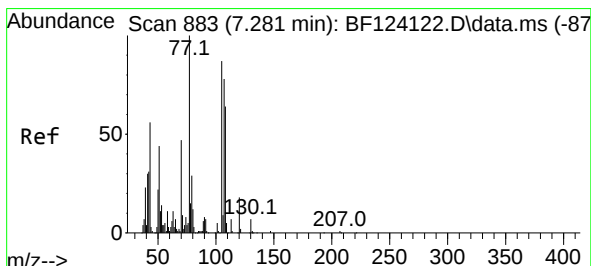
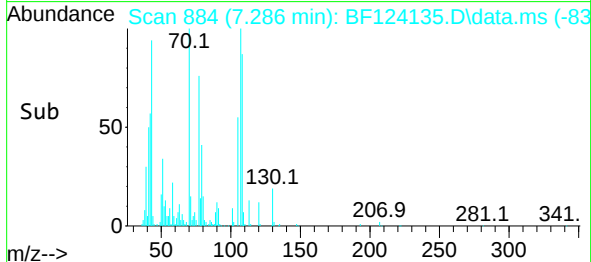
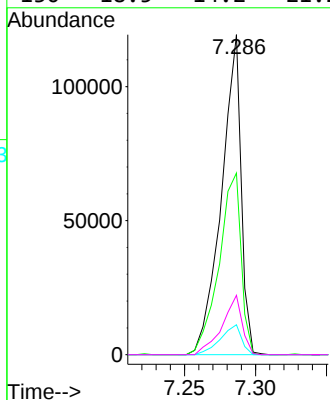
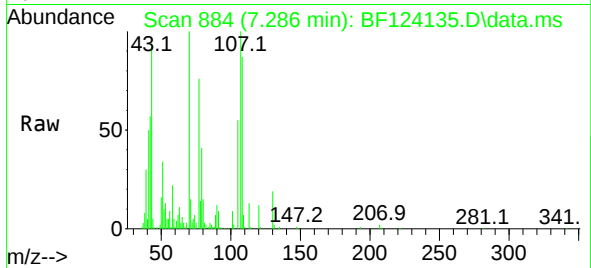




#19
n-Nitroso-di-n-propylamine
Concen: 44.22 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

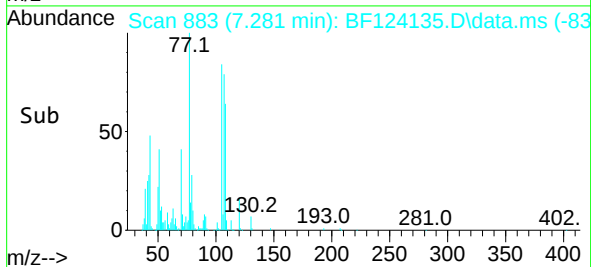
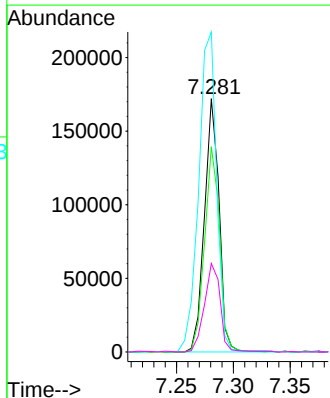
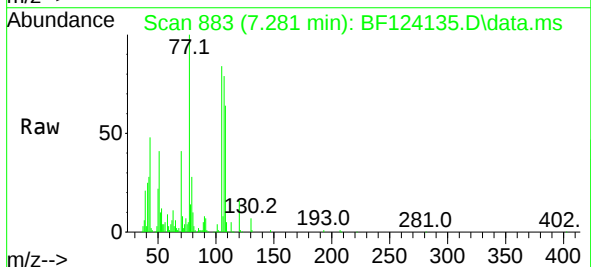
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

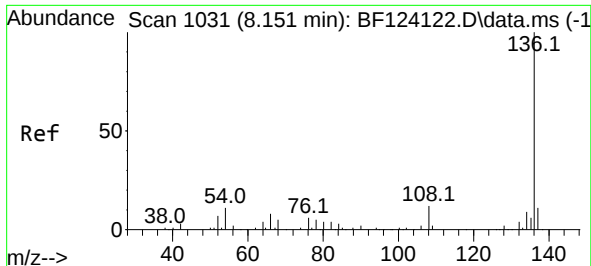
Tgt Ion: 70 Resp: 114657
Ion Ratio Lower Upper
70 100
42 56.8 60.1 90.1#
101 9.4 7.4 11.2
130 18.5 14.2 21.2



#20
3+4-Methylphenols
Concen: 47.00 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 107 Resp: 153930
Ion Ratio Lower Upper
107 100
108 81.1 71.5 111.5
77 126.4 82.0 122.0#
79 35.0 14.1 54.1

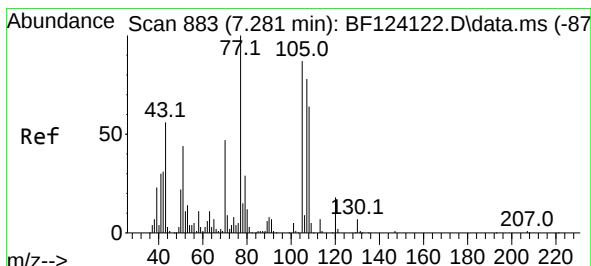
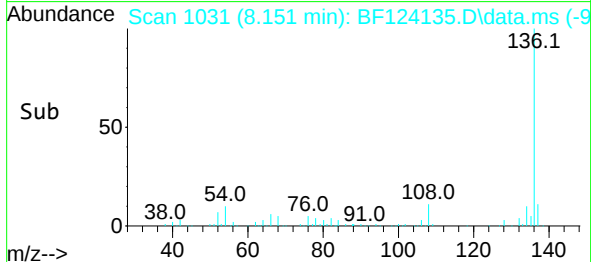
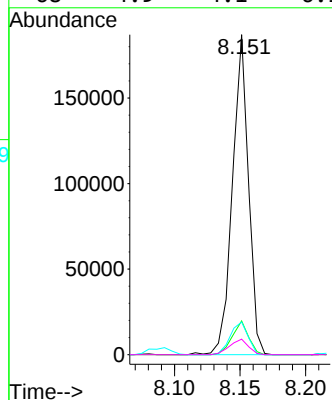
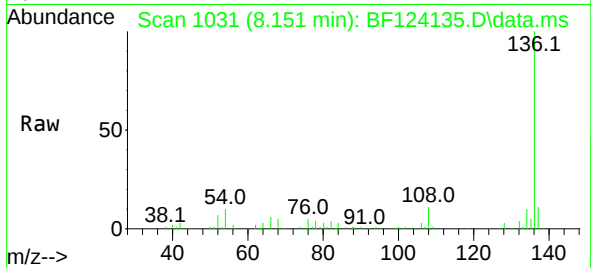




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

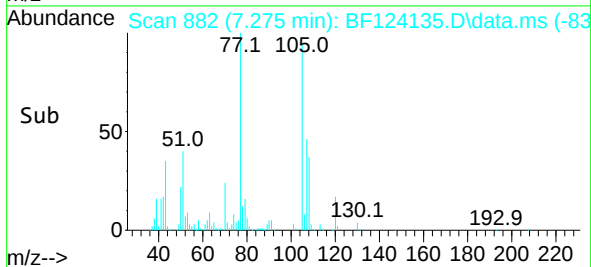
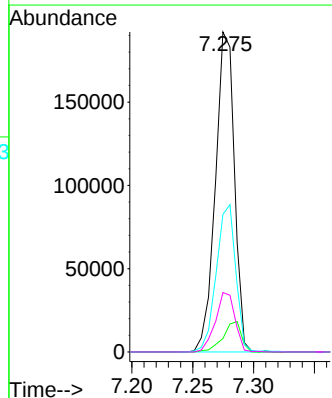
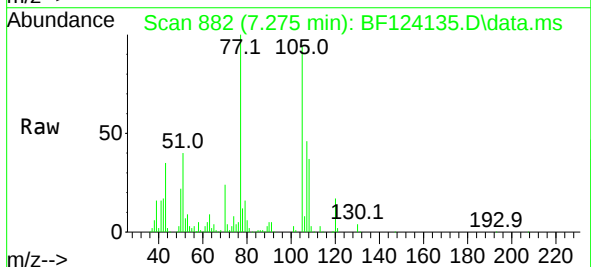
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

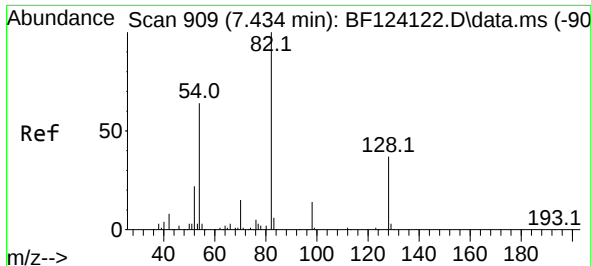
Tgt Ion:136	Resp:	159109
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	10.2	9.8 14.6
68	4.9	4.1 6.1



#22
Acetophenone
Concen: 46.18 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:105	Resp:	209449
Ion Ratio	Lower	Upper
105	100	
71	4.2	4.2 6.4#
51	42.9	33.6 50.4
120	18.6	16.3 24.5





#23

Nitrobenzene-d5

Concen: 60.45 ng

RT: 7.434 min Scan# 909

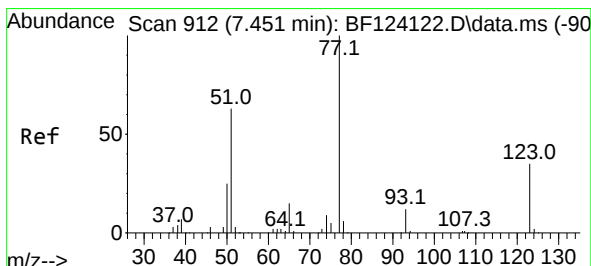
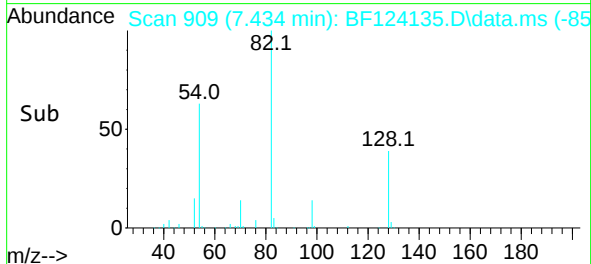
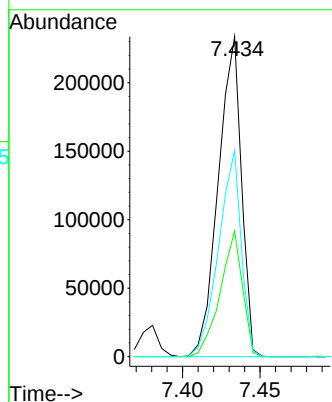
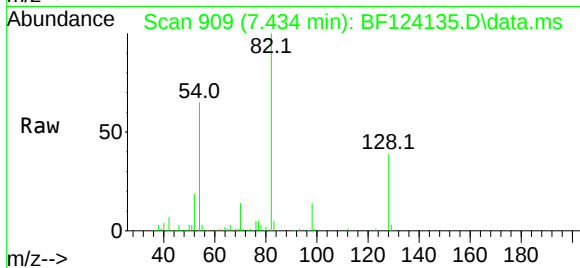
Delta R.T. 0.000 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion: 82 Resp: 242510

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	64.5	54.1	81.1



#24

Nitrobenzene

Concen: 40.69 ng

RT: 7.451 min Scan# 912

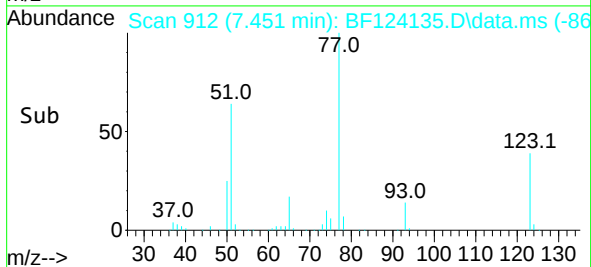
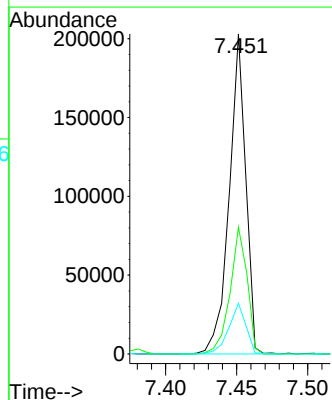
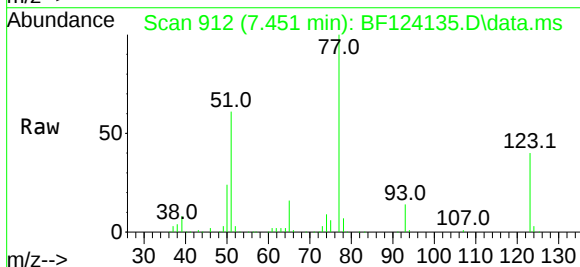
Delta R.T. 0.000 min

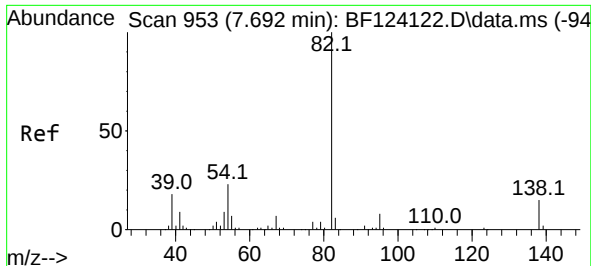
Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion: 77 Resp: 163752

Ion	Ratio	Lower	Upper
77	100		
123	39.6	34.5	51.7
65	15.9	12.2	18.2

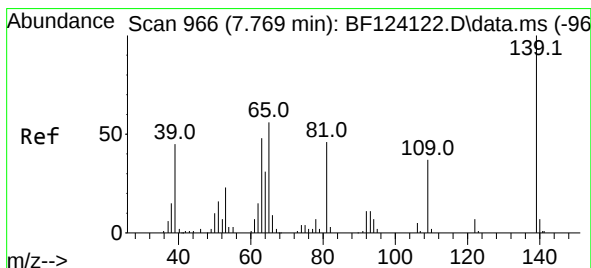
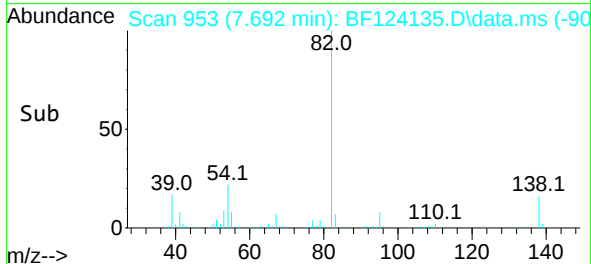
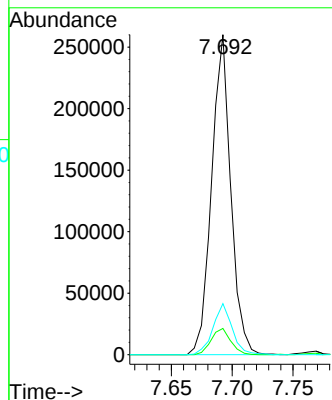
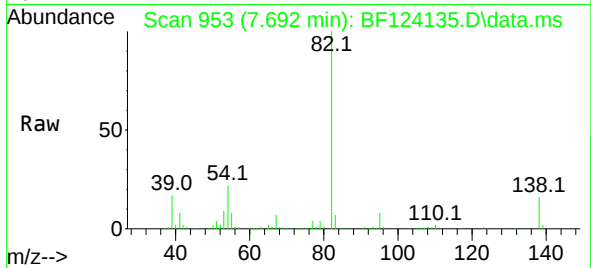




#25
Isophorone
Concen: 39.35 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

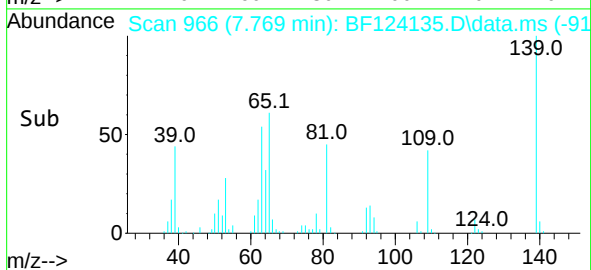
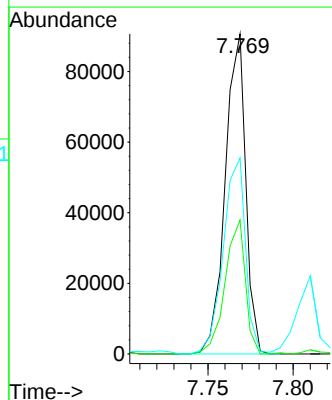
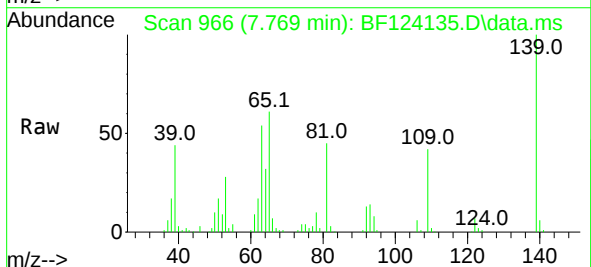
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

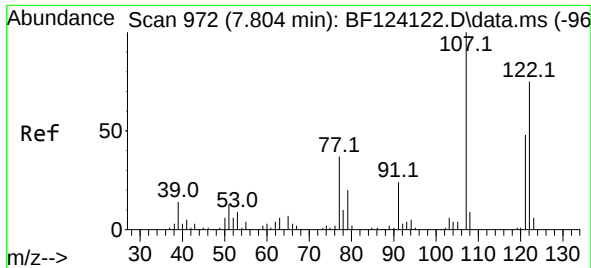
Tgt Ion: 82 Resp: 284465
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 42.18 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:139 Resp: 75832
Ion Ratio Lower Upper
139 100
109 41.8 28.6 43.0
65 61.3 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 51.49 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

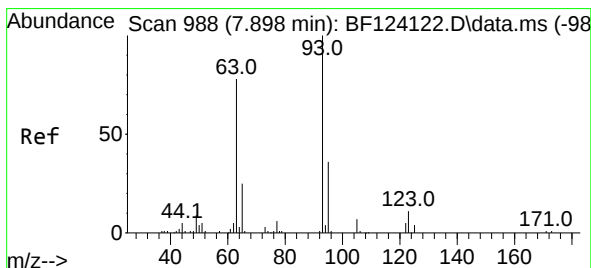
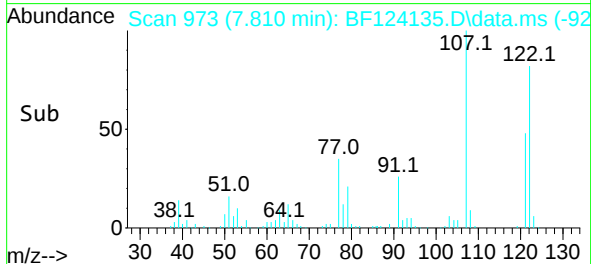
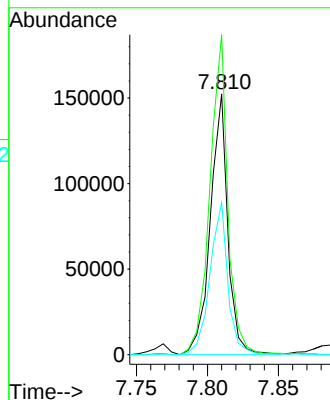
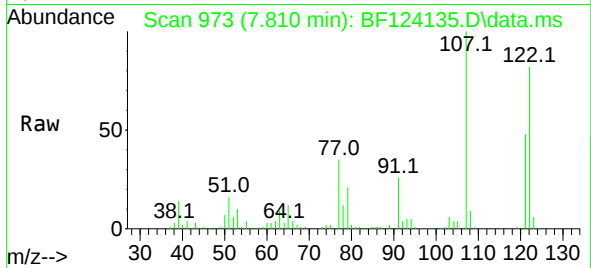
Tgt Ion:122 Resp: 130540

Ion Ratio Lower Upper

122 100

107 122.7 106.3 159.5

121 58.4 45.4 68.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.41 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

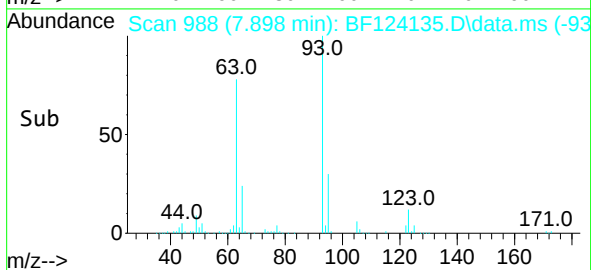
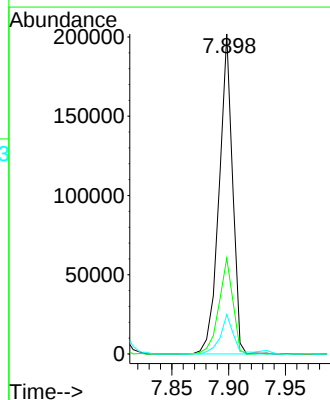
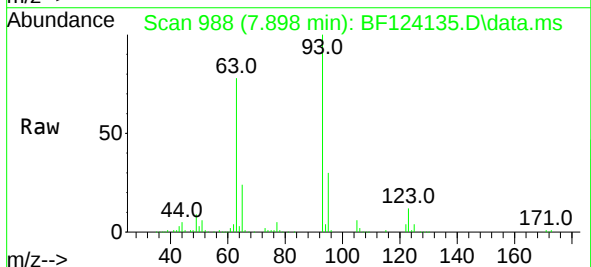
Tgt Ion: 93 Resp: 166320

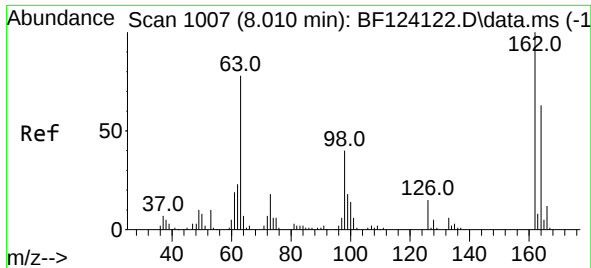
Ion Ratio Lower Upper

93 100

95 29.9 26.5 39.7

123 12.3 8.4 12.6

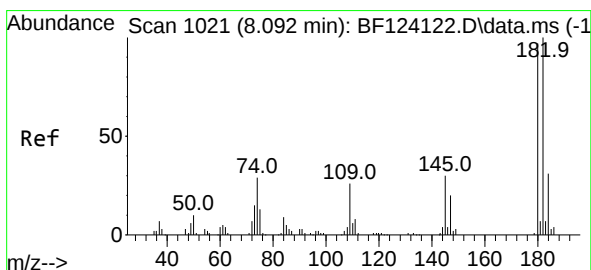
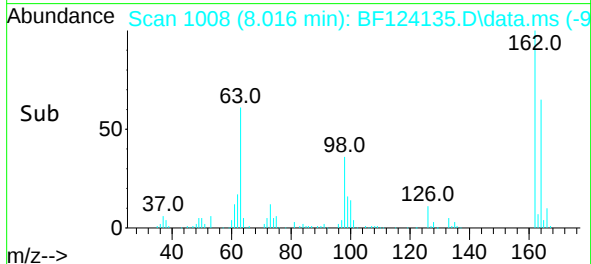
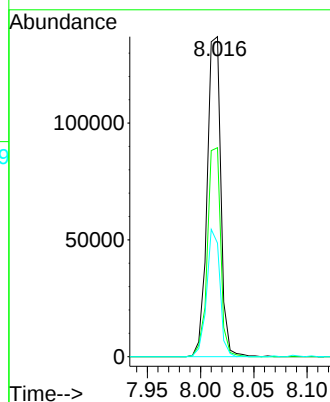
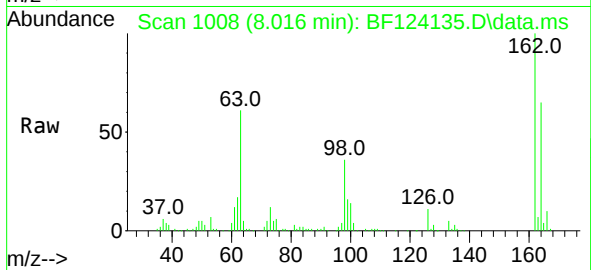




#29
2,4-Dichlorophenol
Concen: 41.97 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

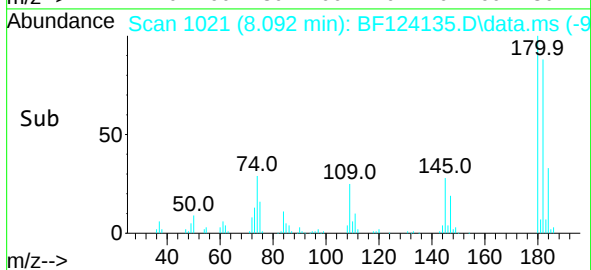
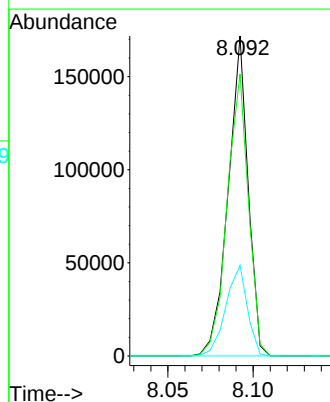
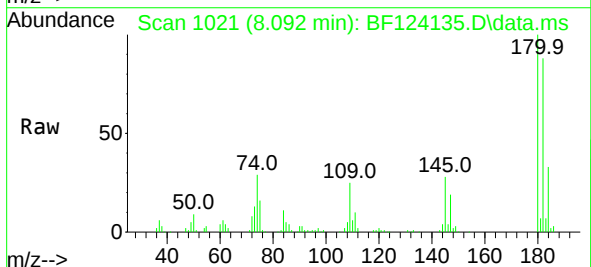
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

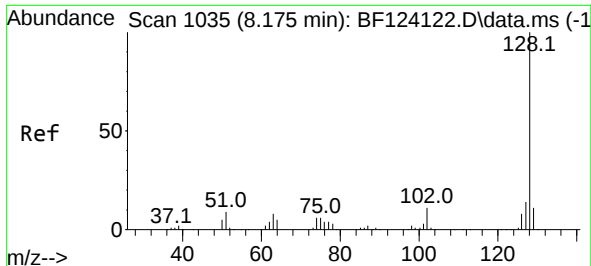
Tgt Ion:162 Resp: 123110
Ion Ratio Lower Upper
162 100
164 65.3 44.1 84.1
98 35.5 27.3 67.3



#30
1,2,4-Trichlorobenzene
Concen: 42.42 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:180 Resp: 139454
Ion Ratio Lower Upper
180 100
182 88.1 77.2 115.8
145 28.3 26.0 39.0

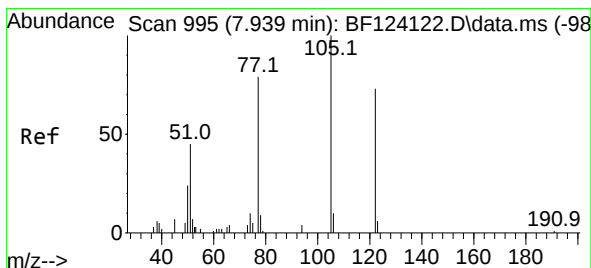
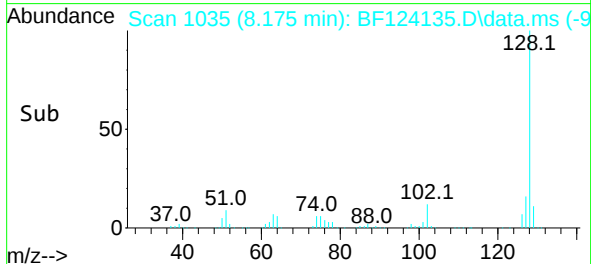
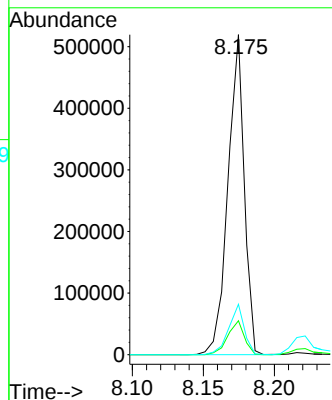
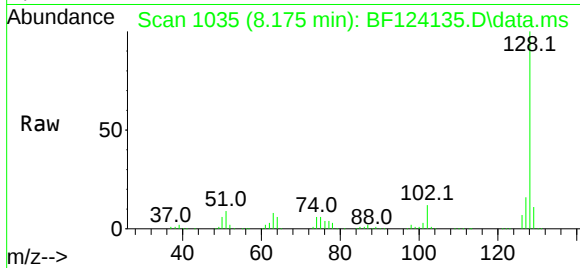




#31
Naphthalene
Concen: 43.51 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

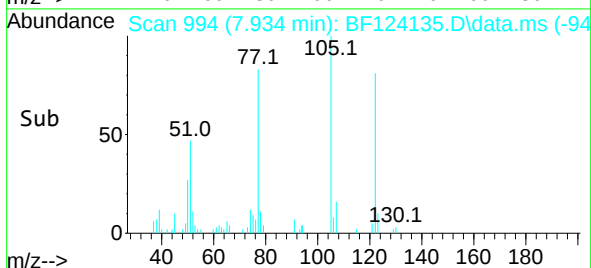
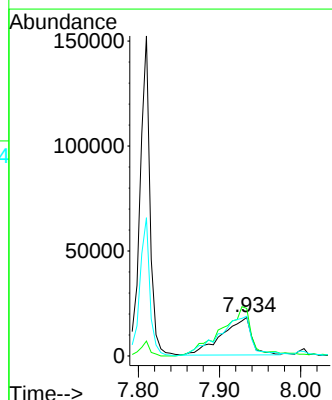
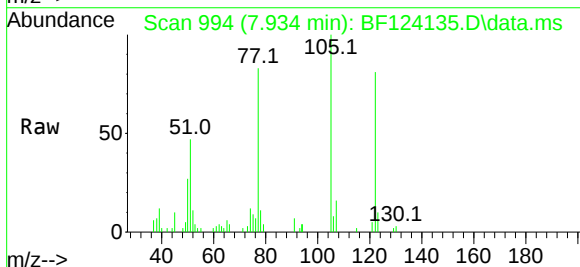
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

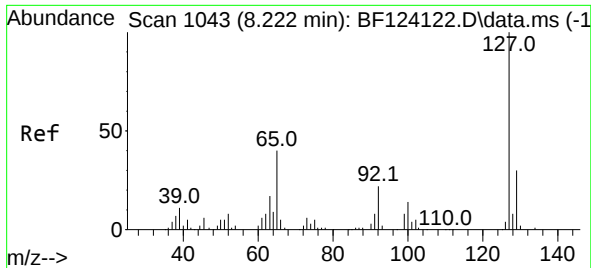
Tgt Ion:128 Resp: 413917
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 15.8 10.8 16.2



#32
Benzoic acid
Concen: 29.44 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:122 Resp: 45794
Ion Ratio Lower Upper
122 100
105 123.2 107.8 147.8
77 102.6 81.6 121.6

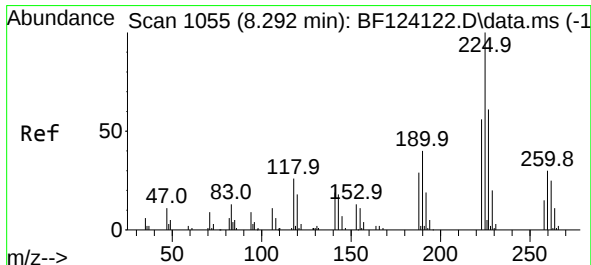
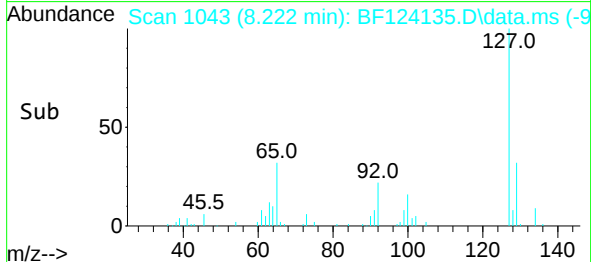
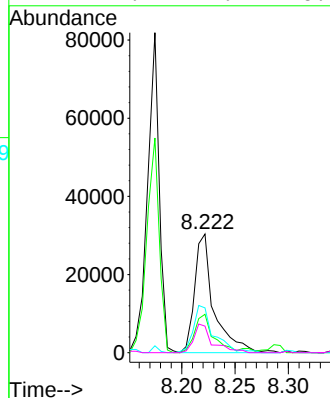
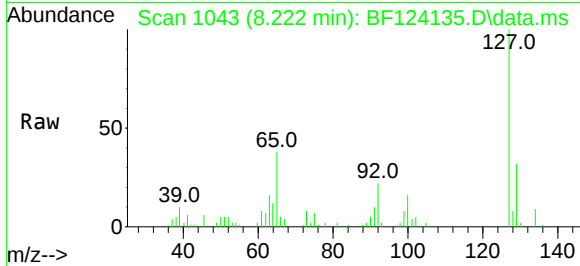




#33
4-Chloroaniline
Concen: 10.85 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

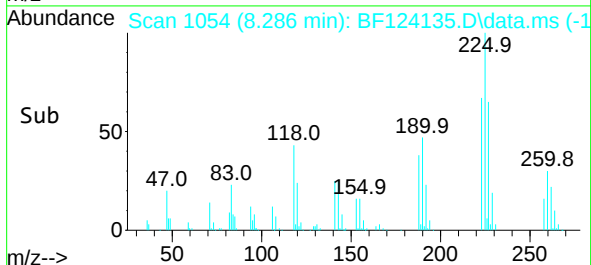
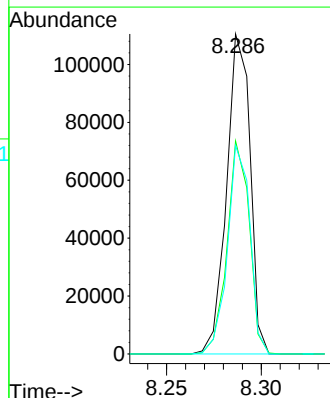
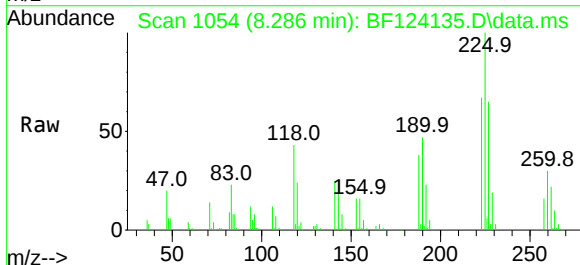
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

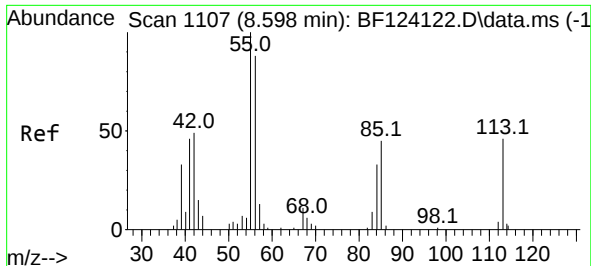
Tgt Ion:	127	Resp:	38385
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.7	38.5
65	37.8	34.5	51.7
92	22.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 41.02 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:	225	Resp:	95257
Ion Ratio	Lower	Upper	
225	100		
223	66.6	50.4	75.6
227	65.2	51.4	77.0

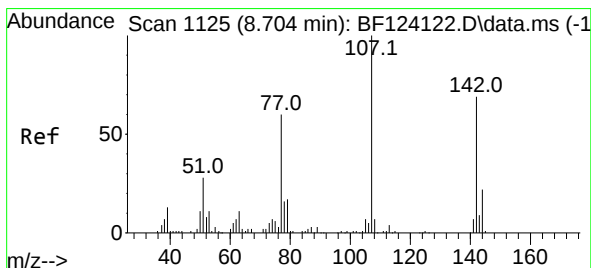
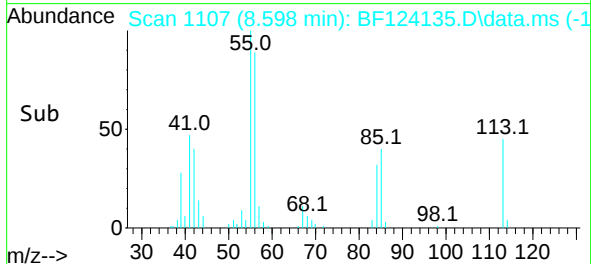
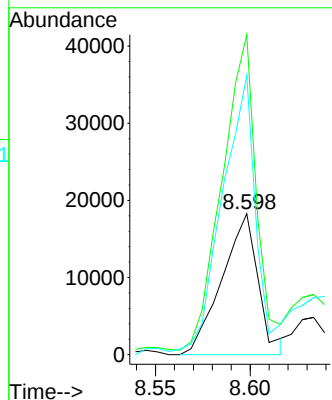
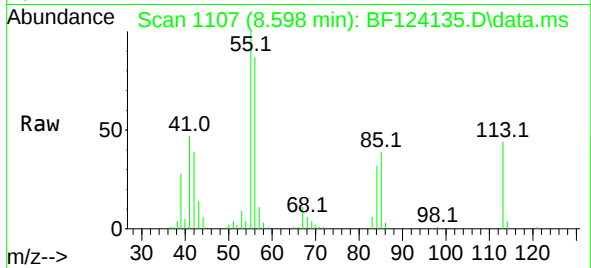




#35
Caprolactam
Concen: 30.10 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

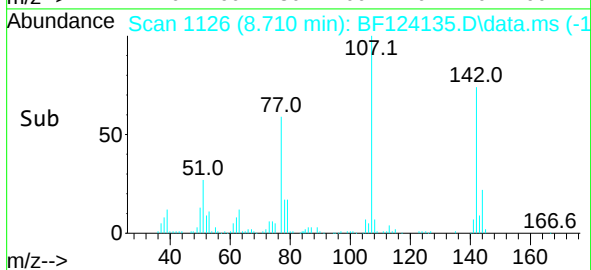
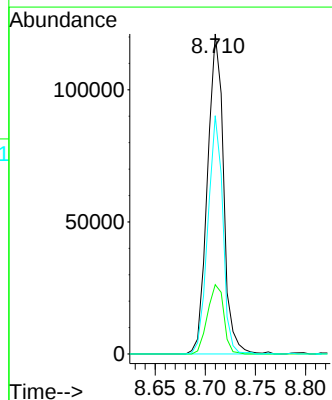
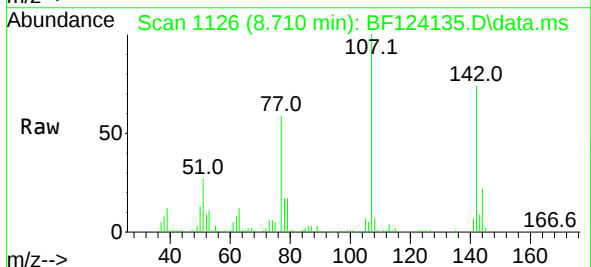
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

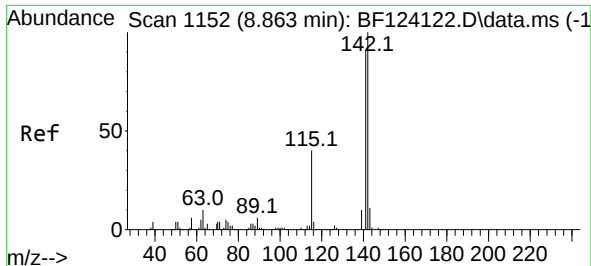
Tgt Ion:113 Resp: 24259
Ion Ratio Lower Upper
113 100
55 226.9 254.9 294.9#
56 197.9 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 42.35 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:107 Resp: 135903
Ion Ratio Lower Upper
107 100
144 21.6 16.3 24.5
142 74.4 50.1 75.1

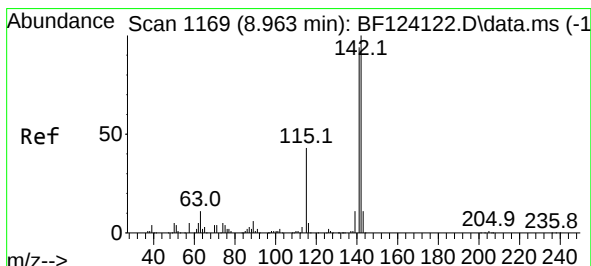
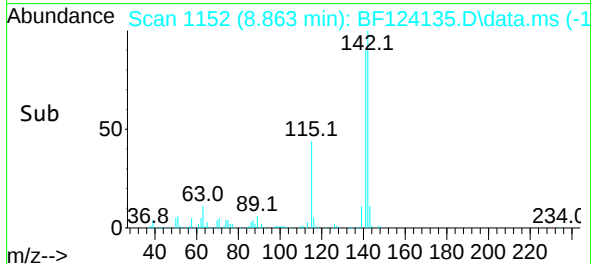
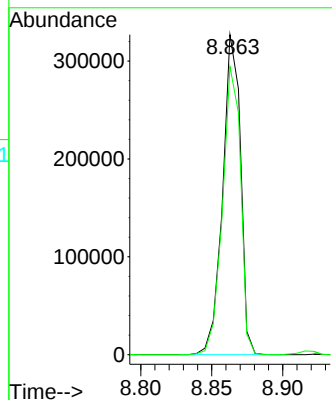
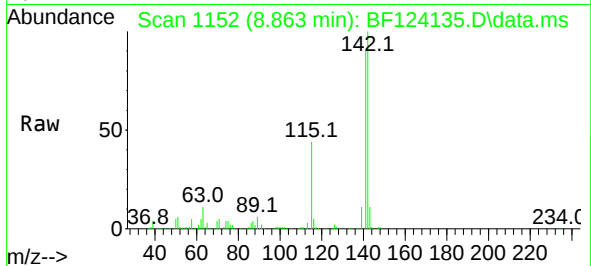




#37
2-Methylnaphthalene
Concen: 42.76 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

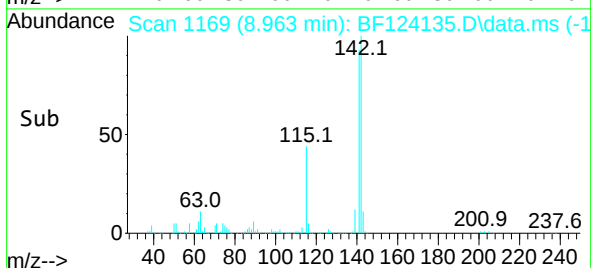
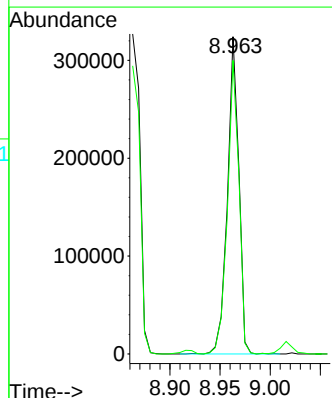
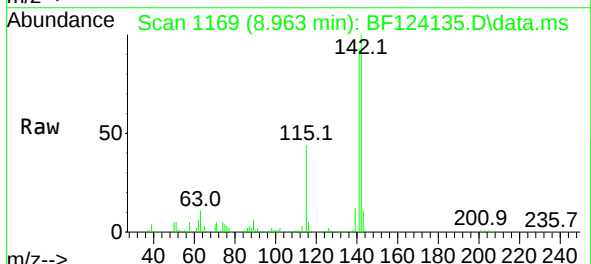
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

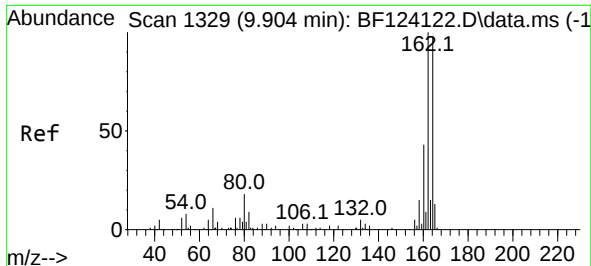
Tgt Ion:142 Resp: 285253
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6



#38
1-Methylnaphthalene
Concen: 40.89 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:142 Resp: 254933
Ion Ratio Lower Upper
142 100
141 92.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion:164 Resp: 83400

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

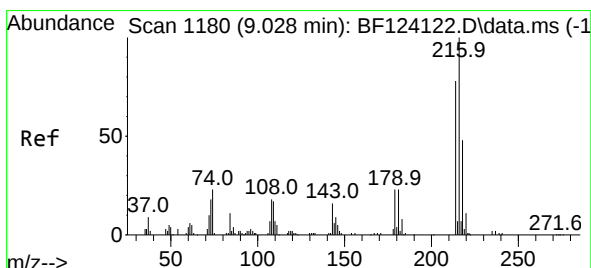
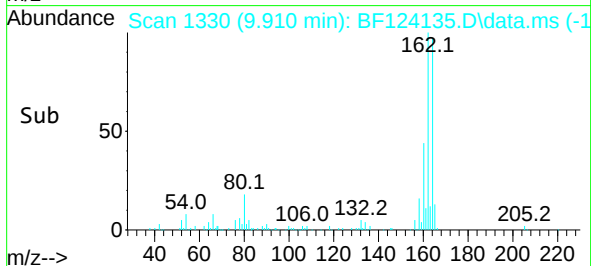
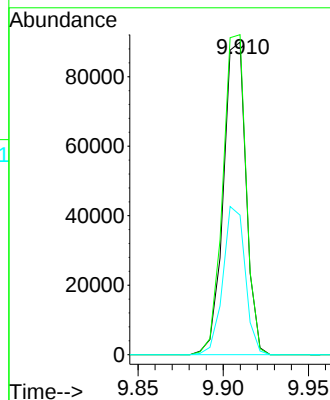
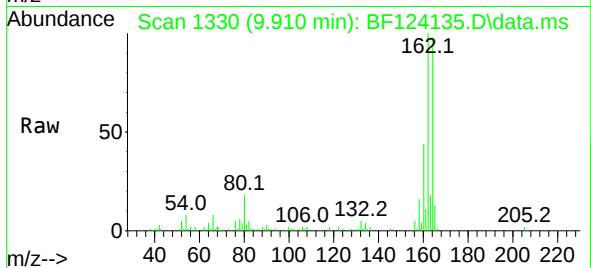
160 44.6 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

18-B4(2-4)MSD



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.43 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion:216 Resp: 140163

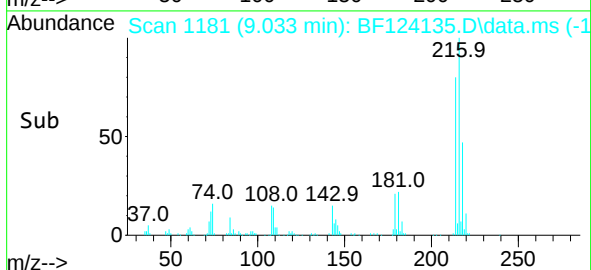
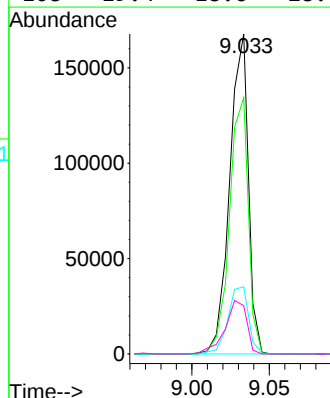
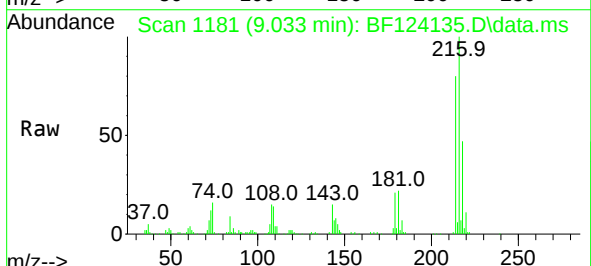
Ion Ratio Lower Upper

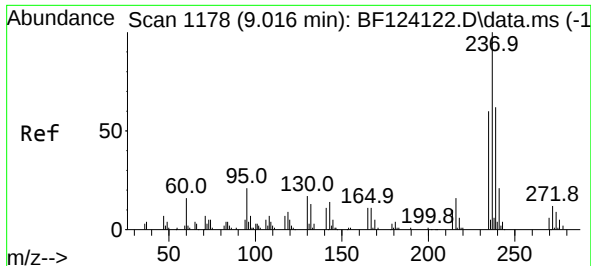
216 100

214 81.1 63.8 95.8

179 23.1 17.9 26.9

108 19.4 18.6 28.0

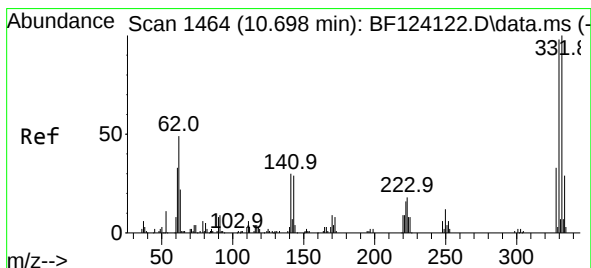
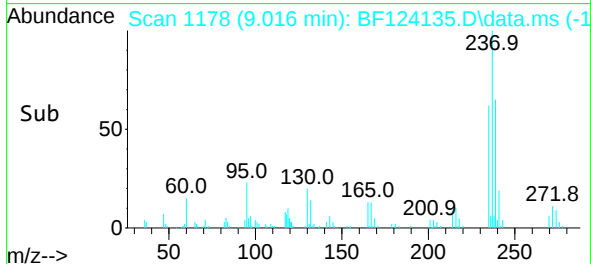
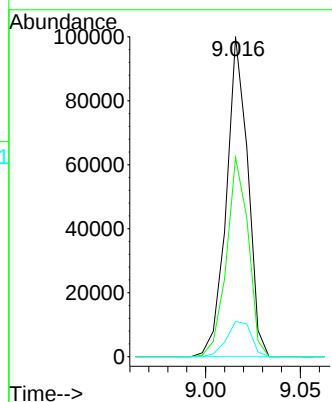
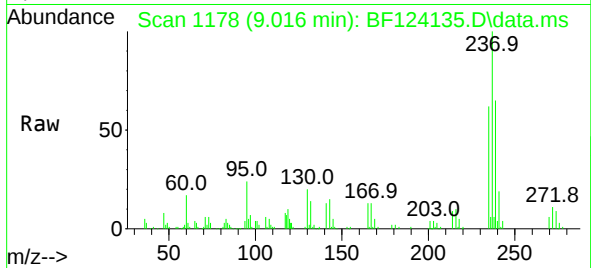




#41
Hexachlorocyclopentadiene
Concen: 51.88 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

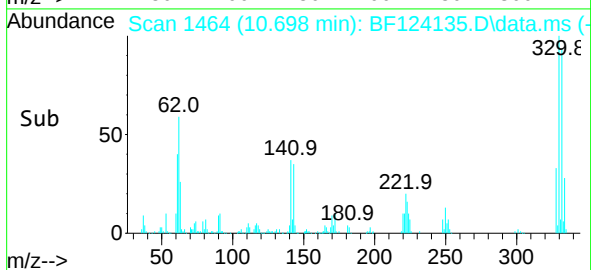
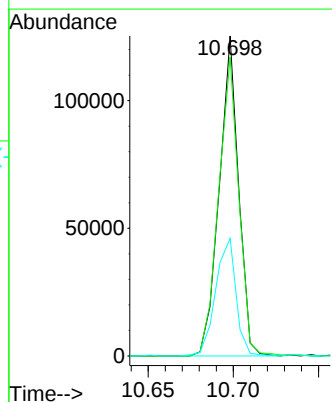
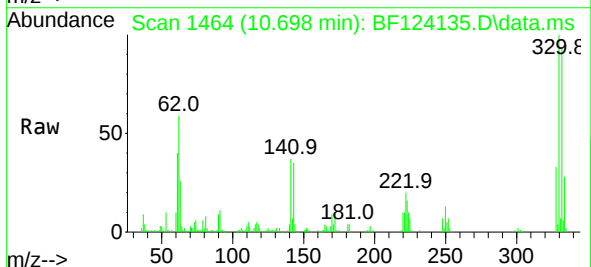
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

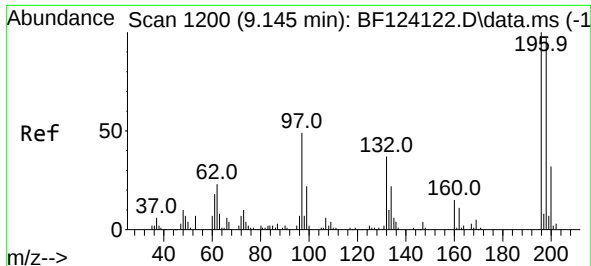
Tgt Ion:237 Resp: 78351
Ion Ratio Lower Upper
237 100
235 62.3 38.8 78.8
272 11.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 83.50 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:330 Resp: 98667
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 38.9 27.9 41.9

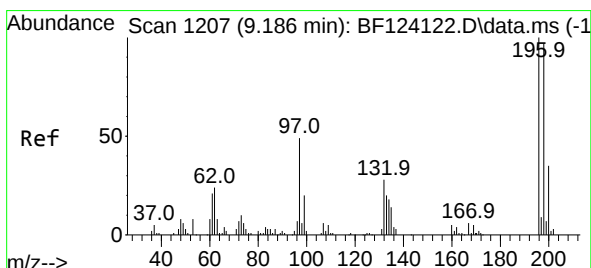
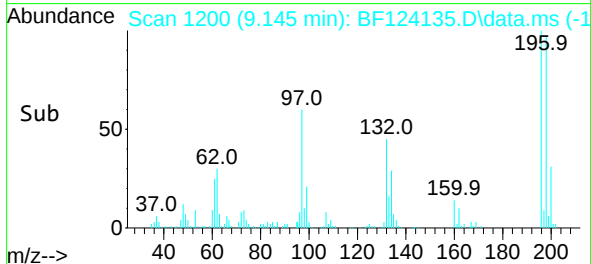
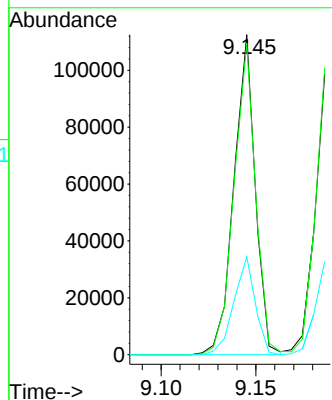
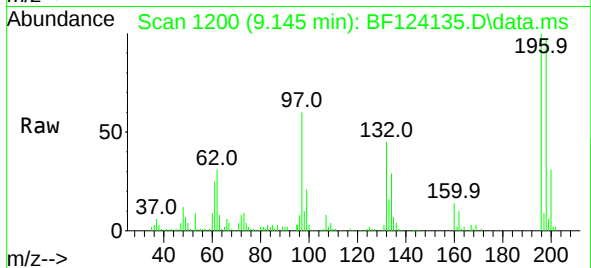




#43
2,4,6-Trichlorophenol
Concen: 45.54 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

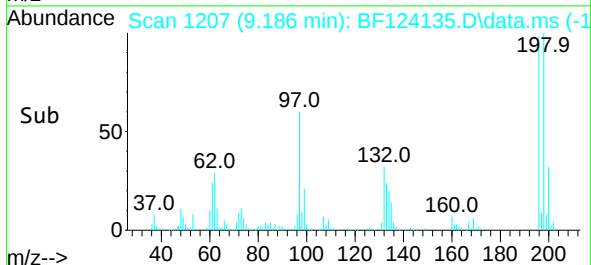
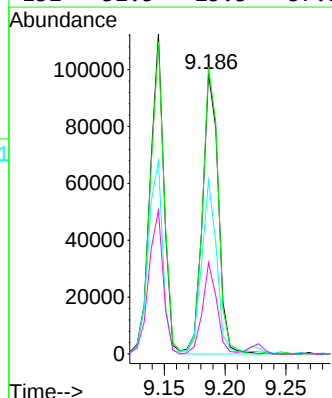
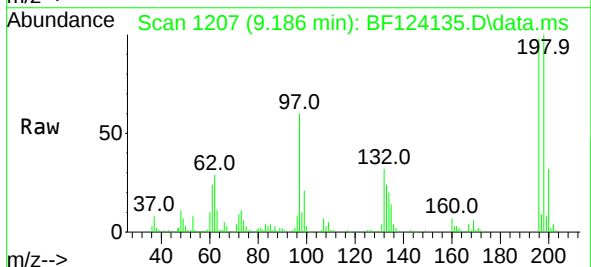
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

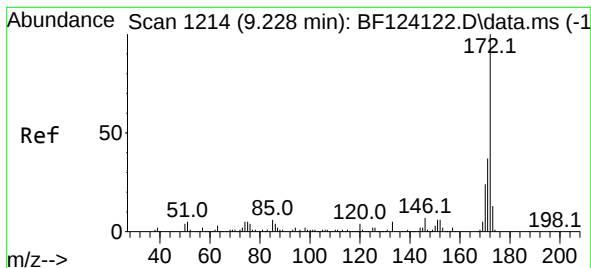
Tgt Ion:196 Resp: 87765
Ion Ratio Lower Upper
196 100
198 97.4 78.2 117.2
200 30.6 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 43.13 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:196 Resp: 89230
Ion Ratio Lower Upper
196 100
198 102.4 76.5 114.7
97 61.8 52.9 79.3
132 32.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 69.59 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

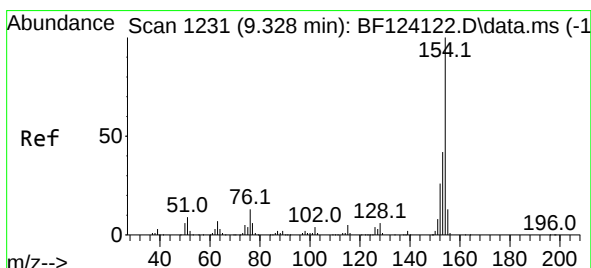
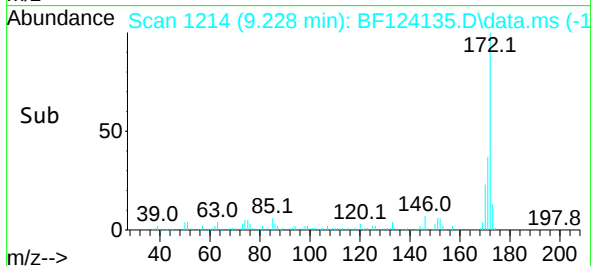
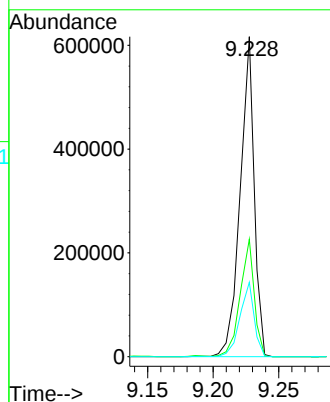
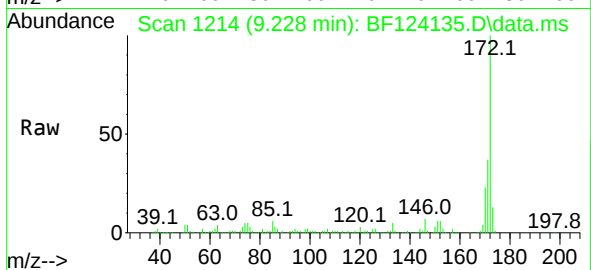
Tgt Ion:172 Resp: 461224

Ion Ratio Lower Upper

172 100

171 36.7 28.1 42.1

170 23.2 19.2 28.8



#46

1,1'-Biphenyl

Concen: 47.83 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

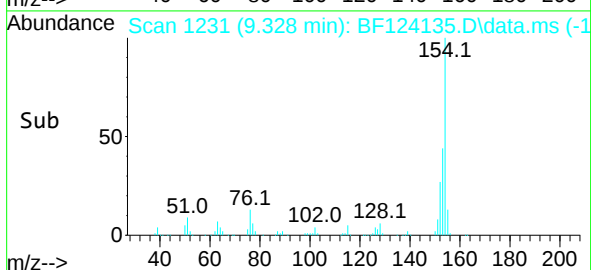
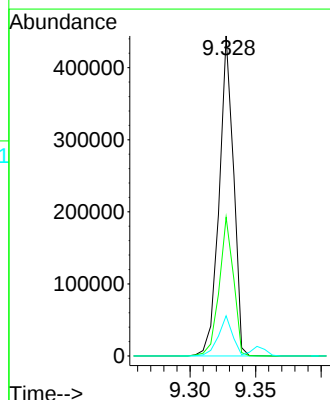
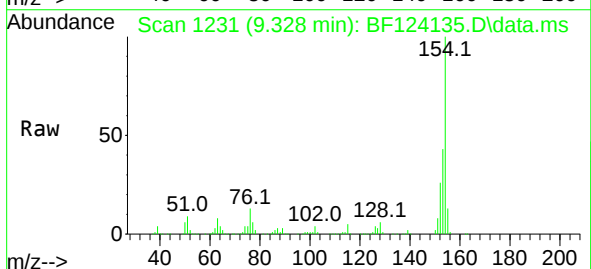
Tgt Ion:154 Resp: 336700

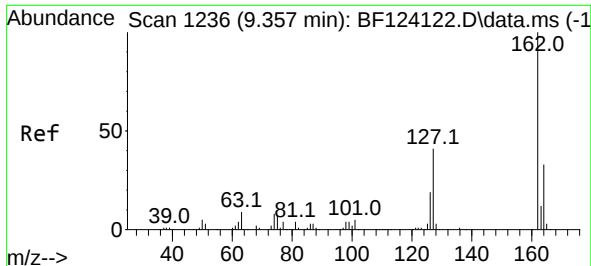
Ion Ratio Lower Upper

154 100

153 43.4 20.7 60.7

76 12.5 0.0 31.7

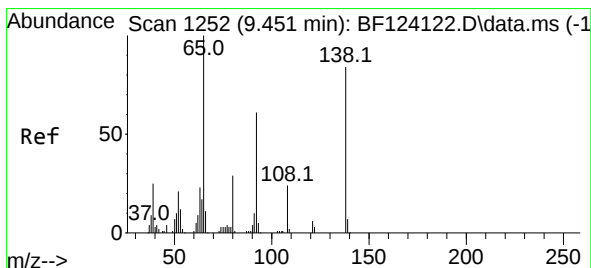
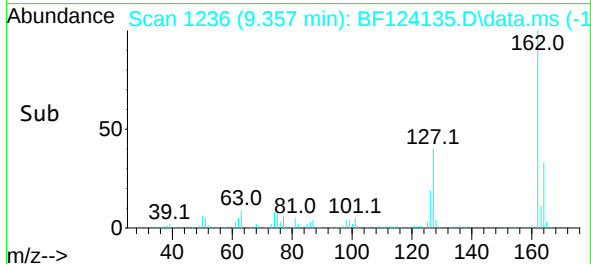
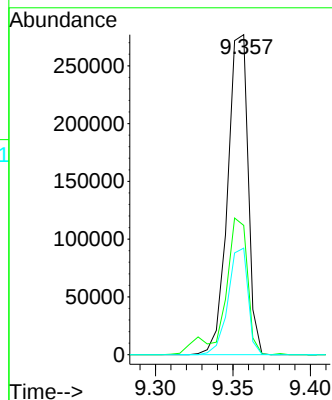
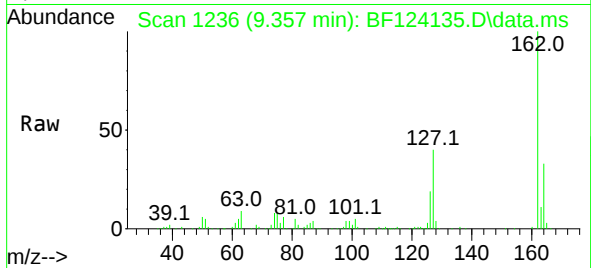




#47
2-Chloronaphthalene
Concen: 44.25 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

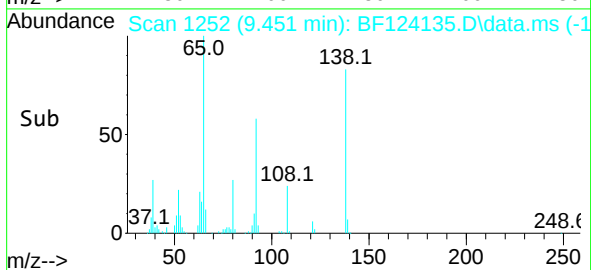
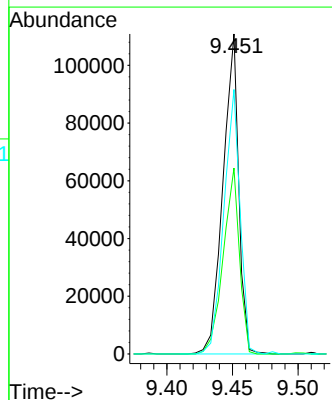
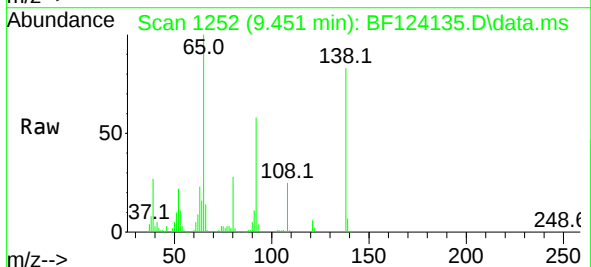
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

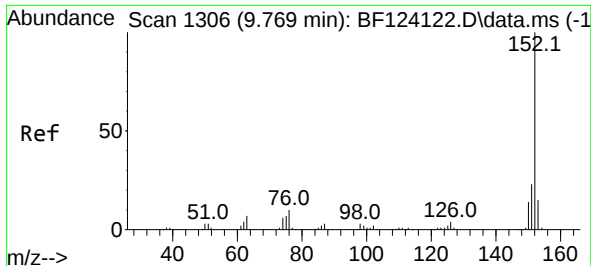
Tgt Ion:162 Resp: 253598
Ion Ratio Lower Upper
162 100
127 40.4 36.2 54.2
164 33.3 25.4 38.2



#48
2-Nitroaniline
Concen: 44.64 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 65 Resp: 92313
Ion Ratio Lower Upper
65 100
92 58.1 47.1 70.7
138 82.7 70.2 105.2

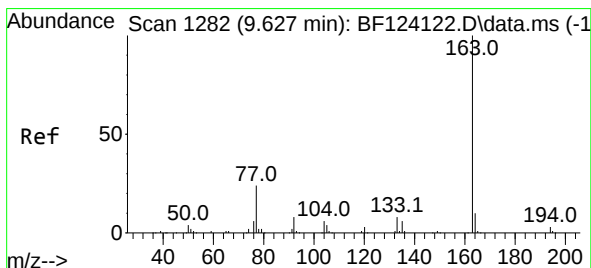
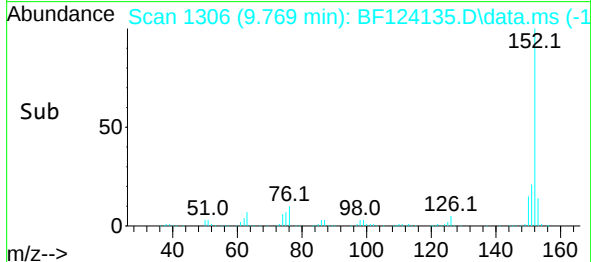
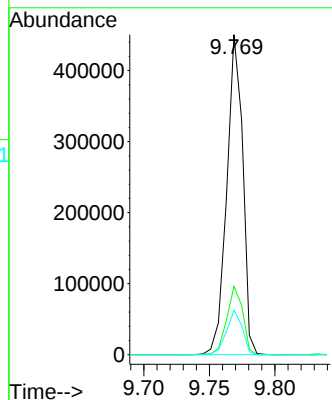
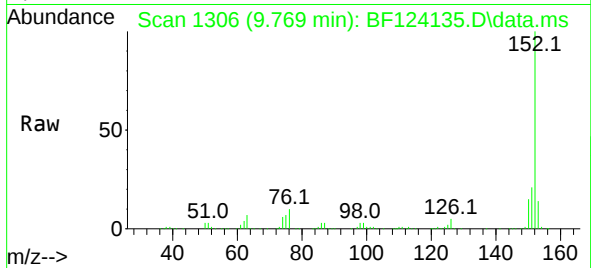




#49
Acenaphthylene
Concen: 45.65 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

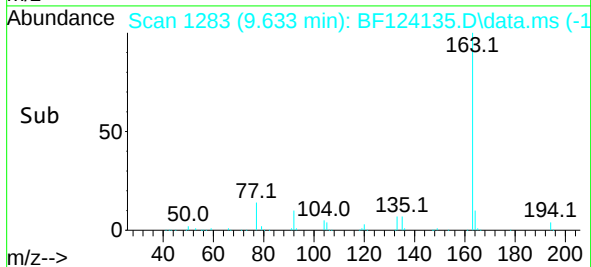
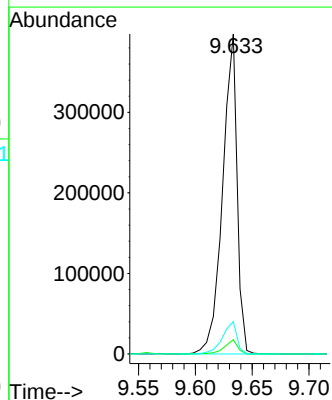
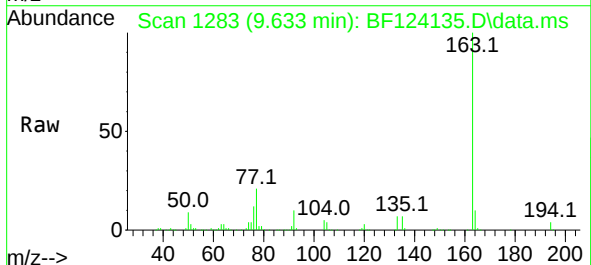
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

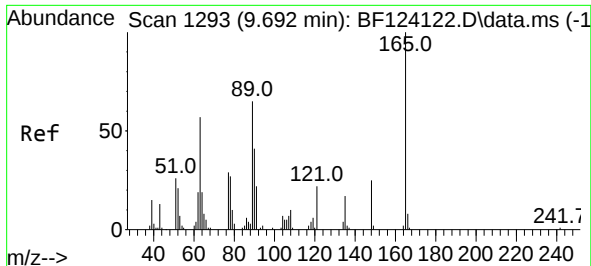
Tgt Ion:152 Resp: 380283
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 13.8 10.4 15.6



#50
Dimethylphthalate
Concen: 51.29 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:163 Resp: 353918
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 10.1 8.2 12.2

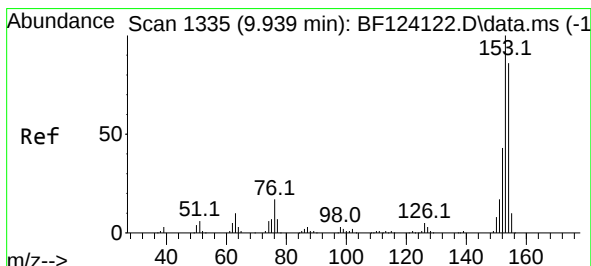
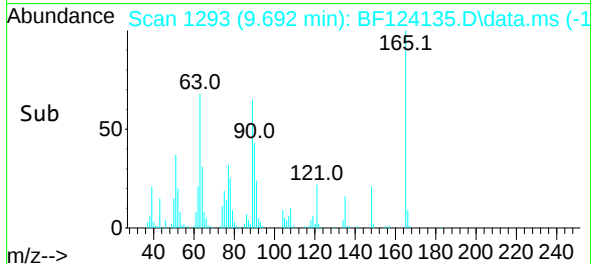
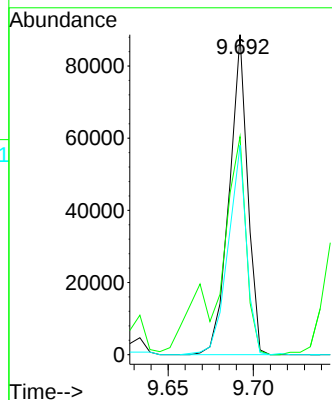
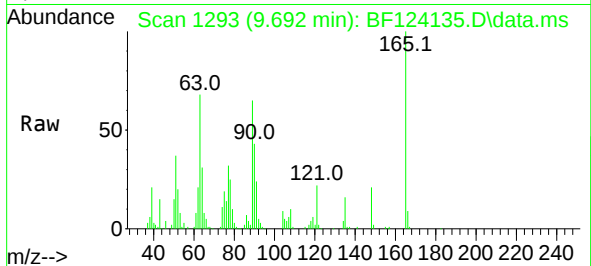




#51
2,6-Dinitrotoluene
Concen: 42.07 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

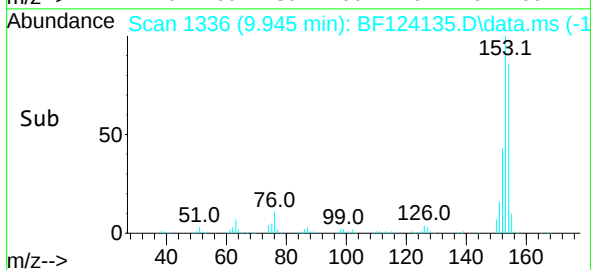
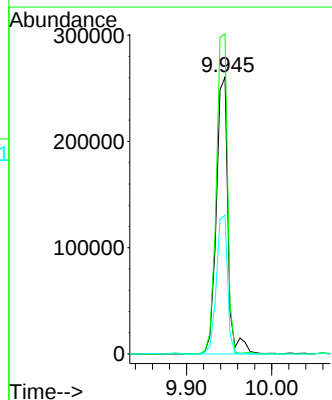
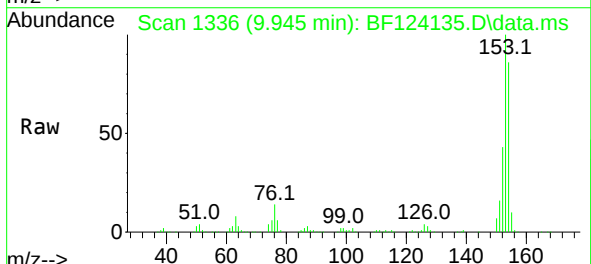
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

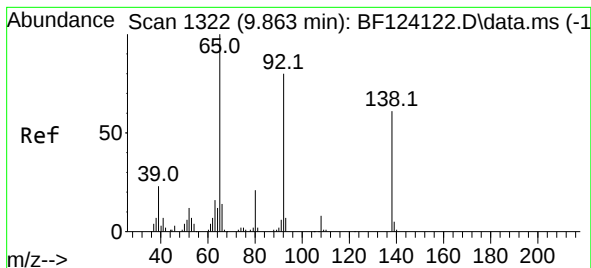
Tgt Ion:165 Resp: 66561
Ion Ratio Lower Upper
165 100
63 68.1 67.7 101.5
89 65.5 58.8 88.2



#52
Acenaphthene
Concen: 45.96 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:154 Resp: 250024
Ion Ratio Lower Upper
154 100
153 115.6 88.1 132.1
152 50.2 43.4 65.0

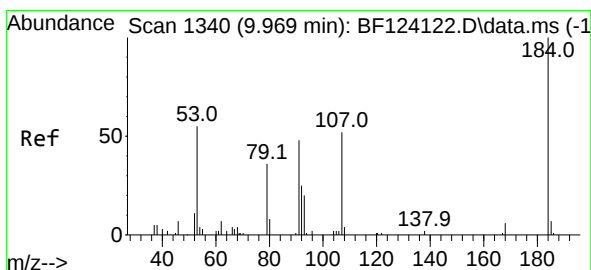
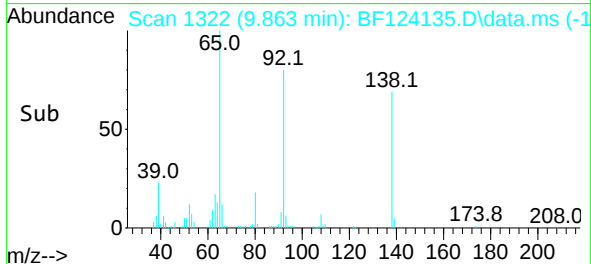
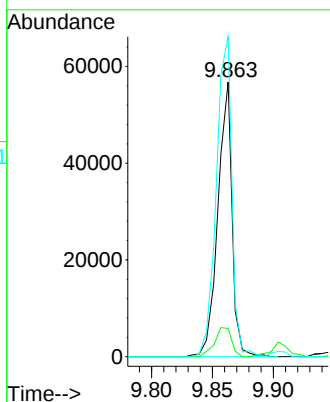
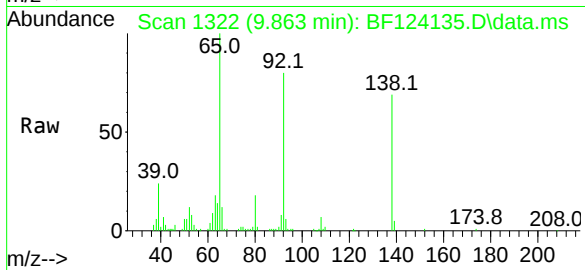




#53
3-Nitroaniline
Concen: 31.12 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

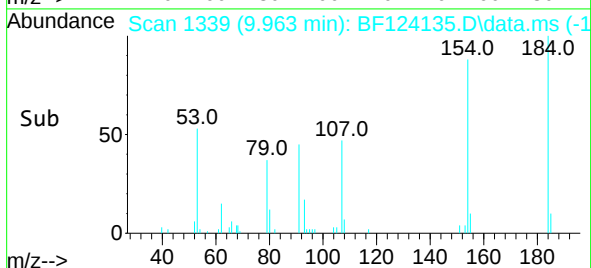
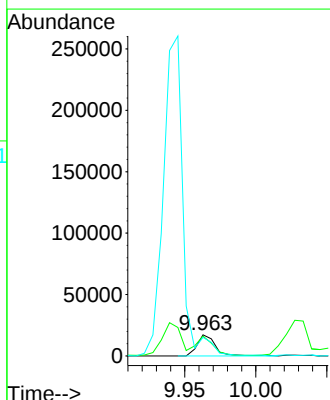
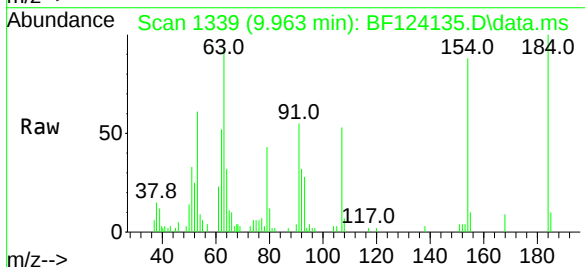
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

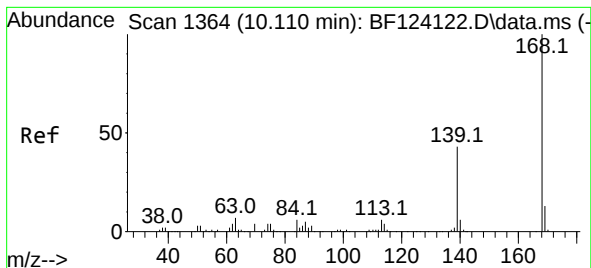
Tgt Ion:138 Resp: 46080
Ion Ratio Lower Upper
138 100
108 10.2 10.2 15.4#
92 116.5 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 21.64 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:184 Resp: 15337
Ion Ratio Lower Upper
184 100
63 93.4 73.5 110.3
154 87.6 52.5 78.7#

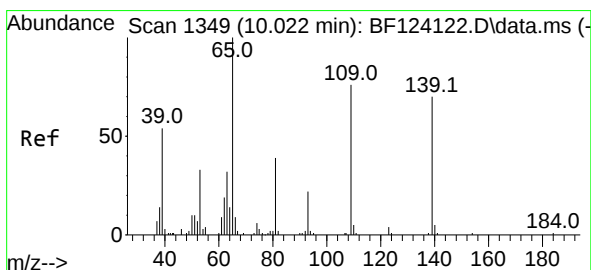
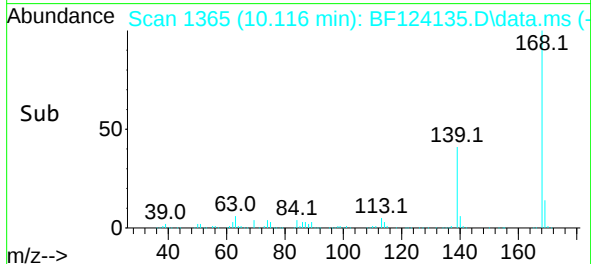
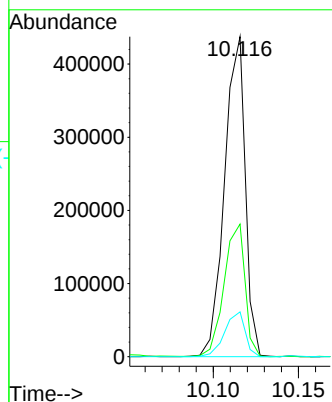
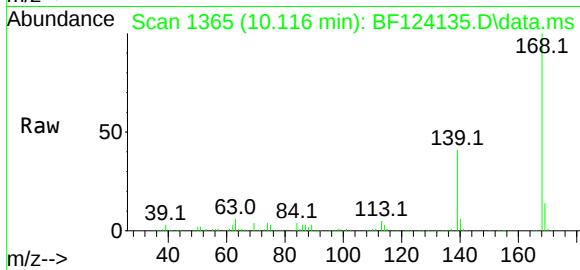




#55
Dibenzenofuran
Concen: 43.40 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

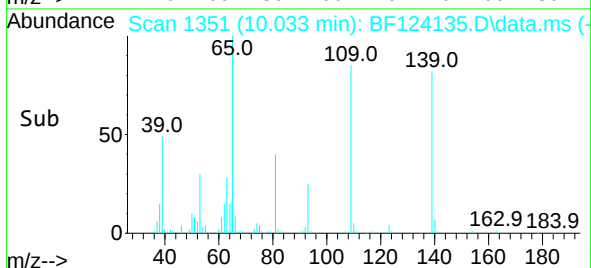
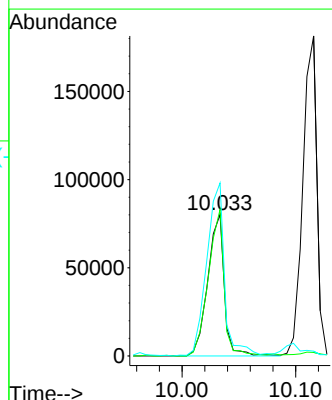
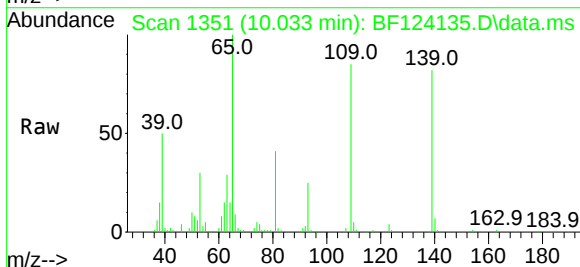
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

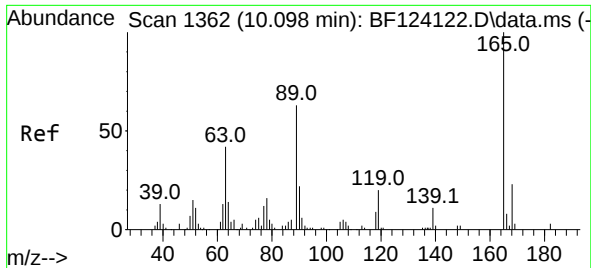
Tgt Ion:168 Resp: 369555
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 76.40 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:139 Resp: 80852
Ion Ratio Lower Upper
139 100
109 103.6 63.2 103.2#
65 122.3 110.0 150.0

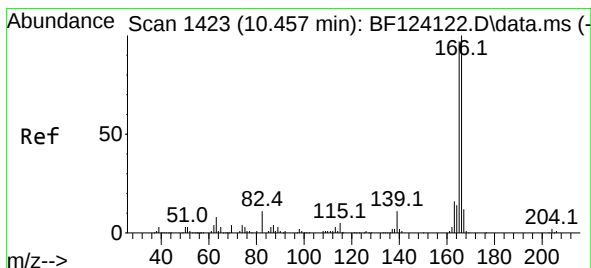
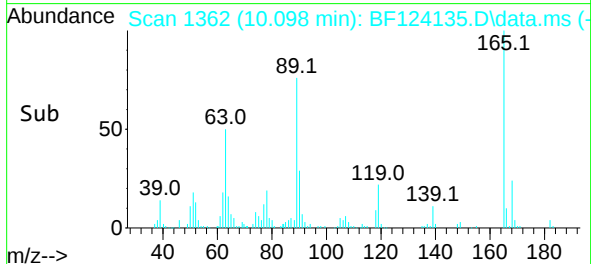
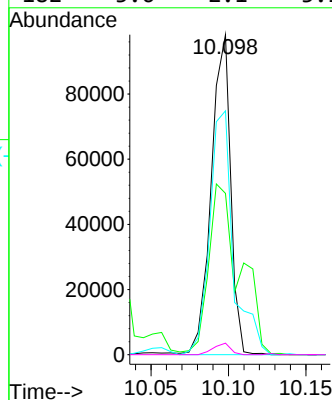
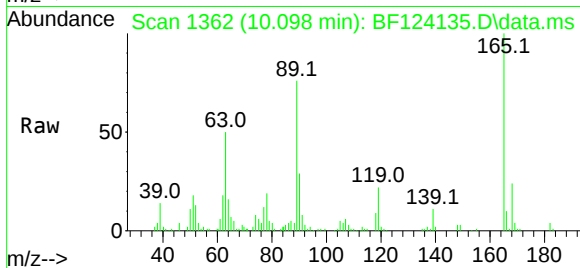




#57
2,4-Dinitrotoluene
Concen: 40.94 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

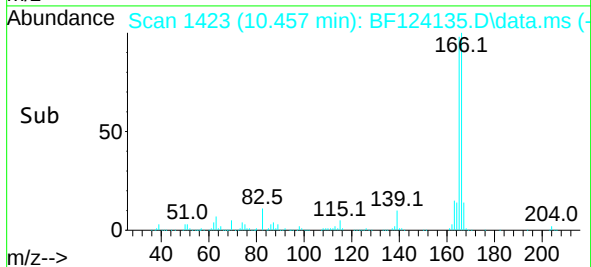
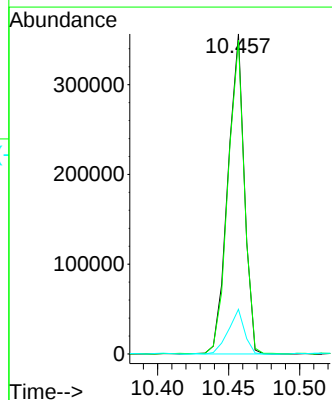
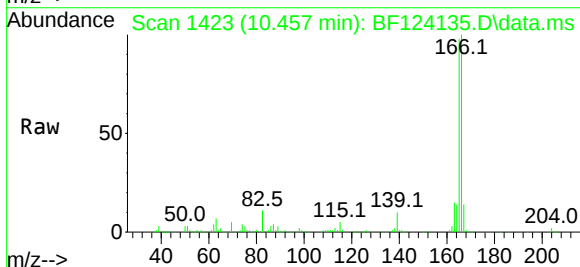
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

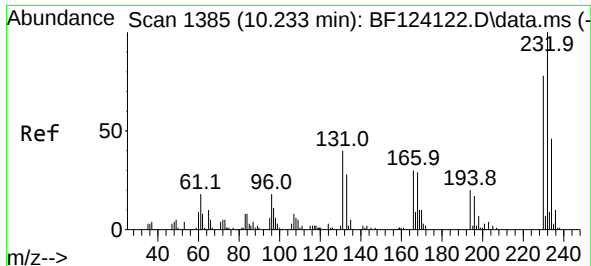
Tgt Ion:165 Resp: 85417
Ion Ratio Lower Upper
165 100
63 50.4 43.5 65.3
89 76.2 67.7 101.5
182 3.6 2.1 3.1#



#58
Fluorene
Concen: 43.70 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:166 Resp: 285626
Ion Ratio Lower Upper
166 100
165 98.1 73.5 110.3
167 13.9 10.7 16.1

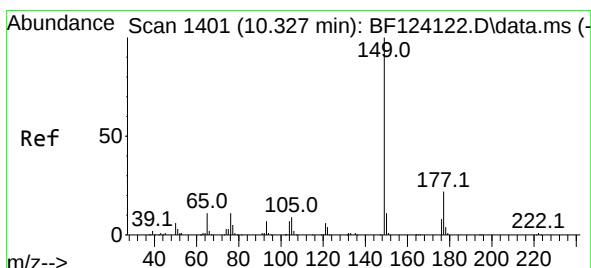
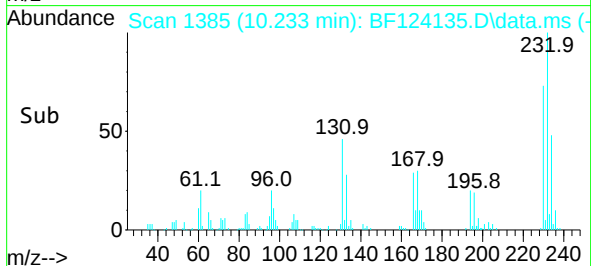
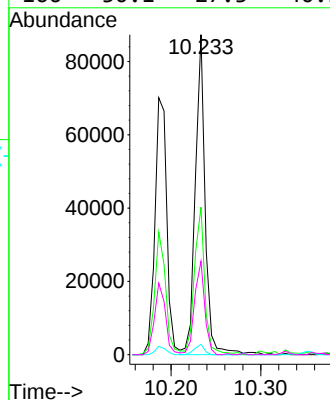
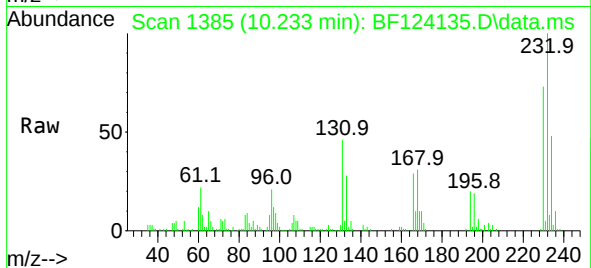




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.99 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

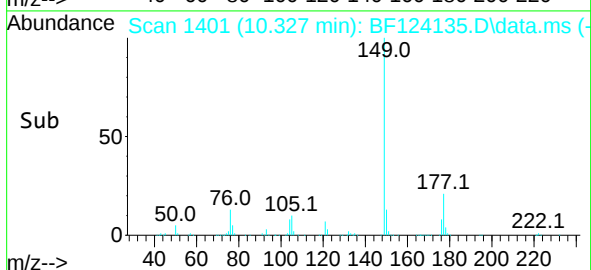
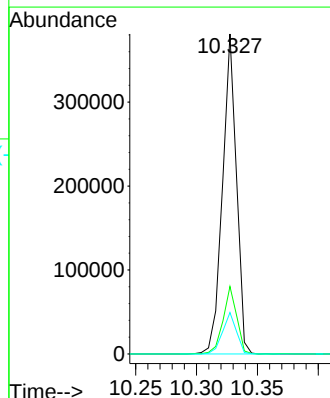
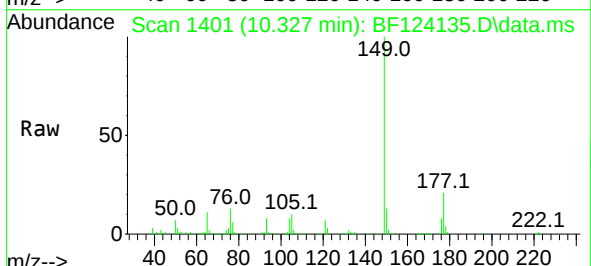
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

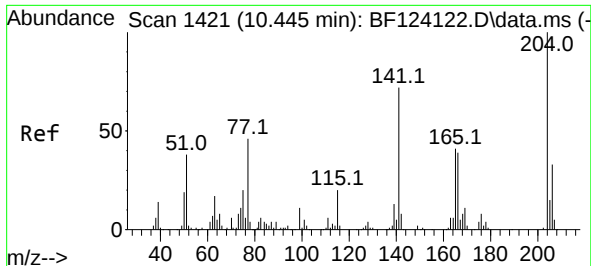
Tgt Ion:232 Resp: 67047
Ion Ratio Lower Upper
232 100
131 47.9 43.2 64.8
130 3.2 2.2 3.2
166 30.1 27.3 40.9



#60
Diethylphthalate
Concen: 43.67 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:149 Resp: 304097
Ion Ratio Lower Upper
149 100
177 21.1 15.4 23.2
150 12.9 9.9 14.9

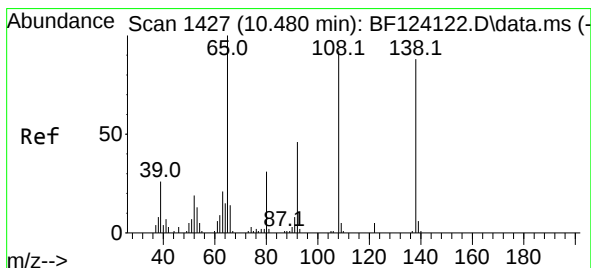
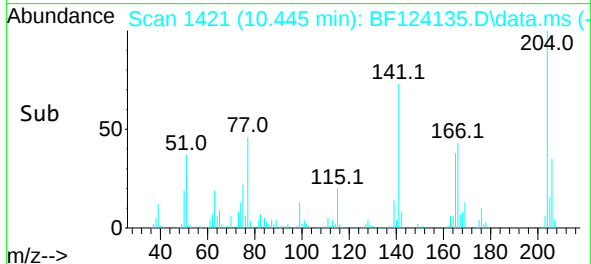
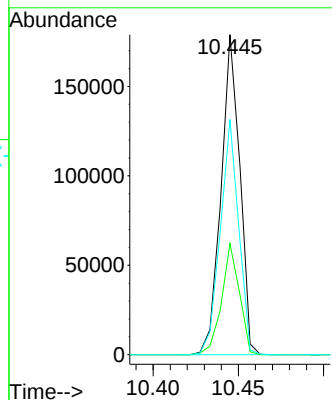
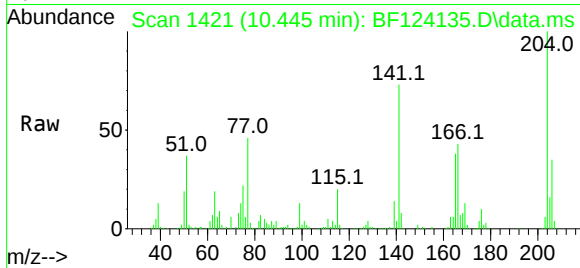




#61
4-Chlorophenyl-phenylether
Concen: 40.88 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

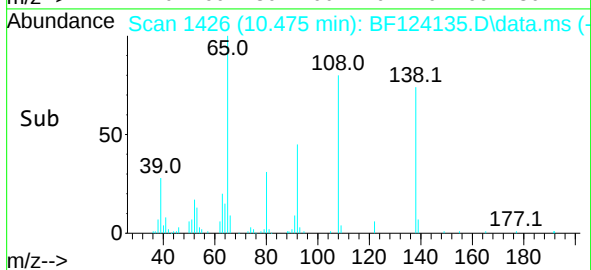
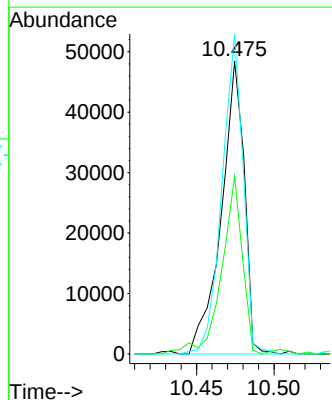
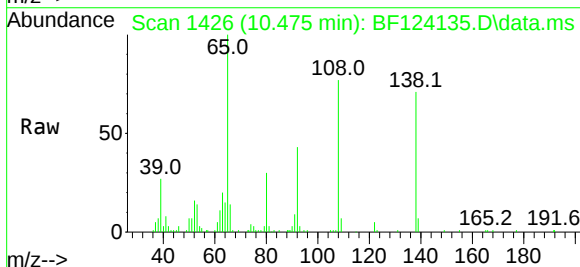
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

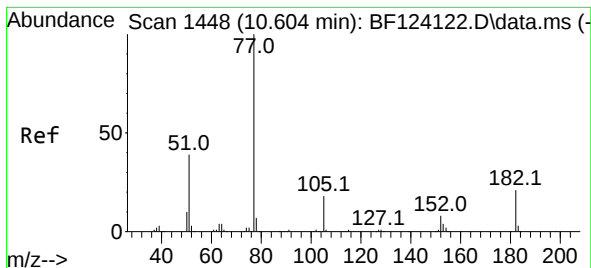
Tgt Ion:204 Resp: 136622
Ion Ratio Lower Upper
204 100
206 34.8 25.7 38.5
141 73.5 55.5 83.3



#62
4-Nitroaniline
Concen: 33.43 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:138 Resp: 49767
Ion Ratio Lower Upper
138 100
92 60.7 35.8 75.8
108 109.2 63.6 103.6#

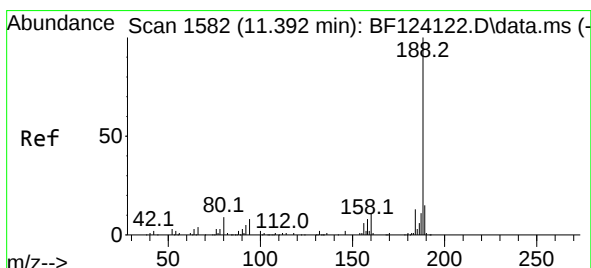
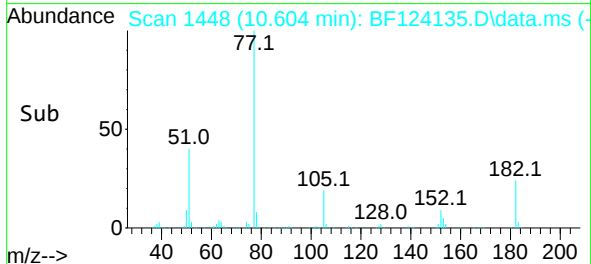
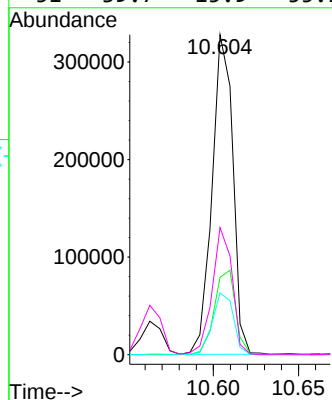
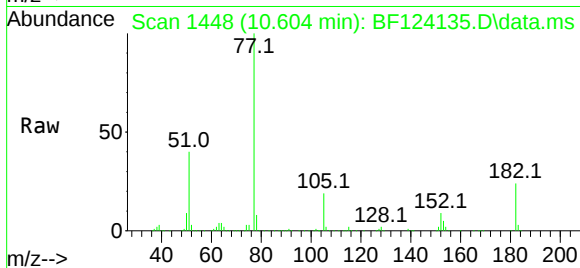




#63
Azobenzene
Concen: 38.29 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

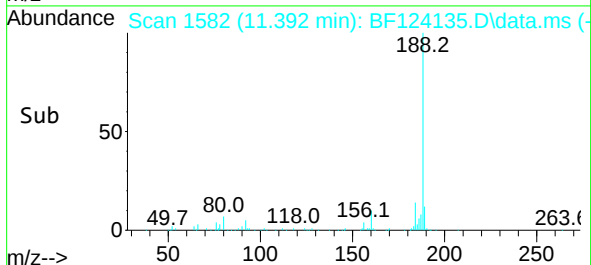
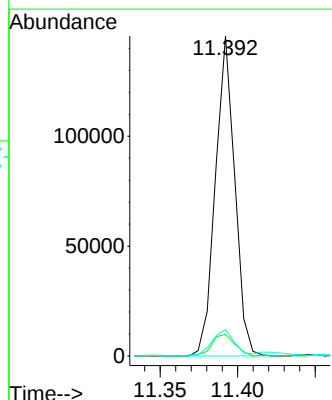
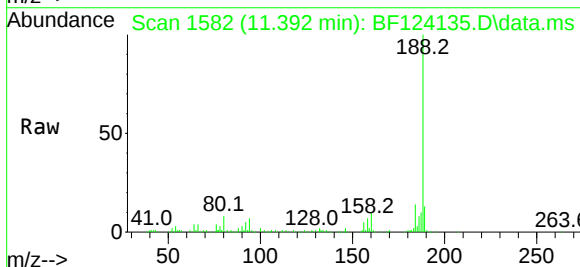
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

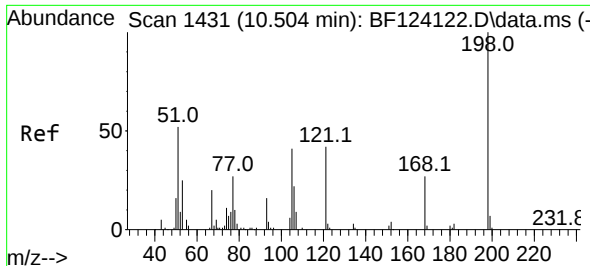
Tgt Ion: 77 Resp: 277918
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 19.3 1.7 41.7
51 39.7 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion: 188 Resp: 126685
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.3 8.2 12.2

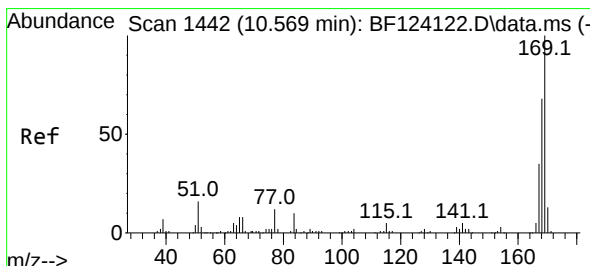
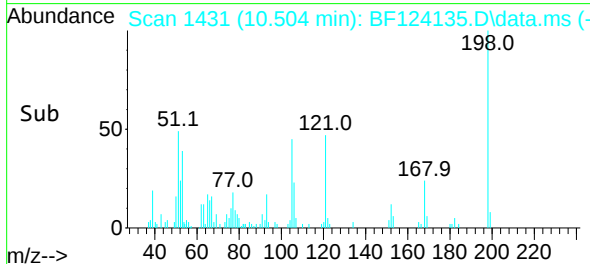
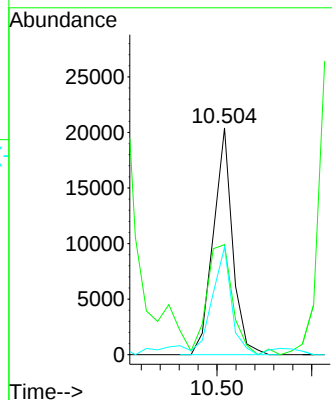
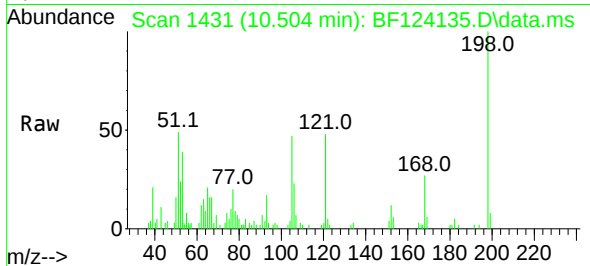




#65
4,6-Dinitro-2-methylphenol
Concen: 14.12 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

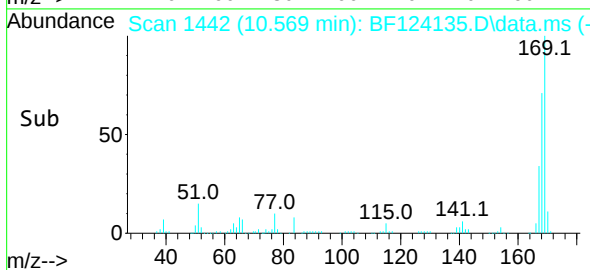
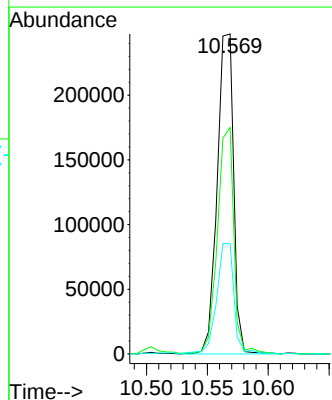
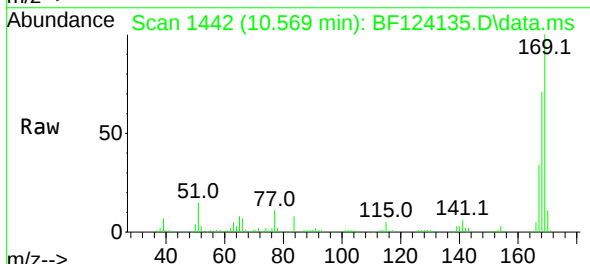
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

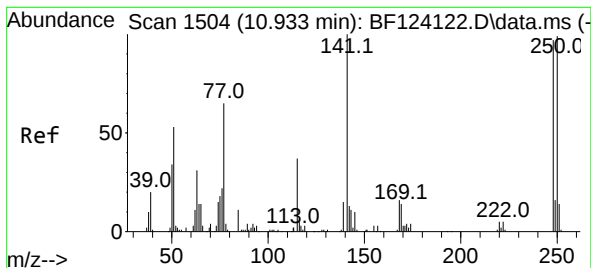
Tgt Ion:198 Resp: 14377
Ion Ratio Lower Upper
198 100
51 48.6 64.8 104.8#
105 47.4 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 48.25 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:169 Resp: 232266
Ion Ratio Lower Upper
169 100
168 70.7 53.3 79.9
167 34.5 29.9 44.9

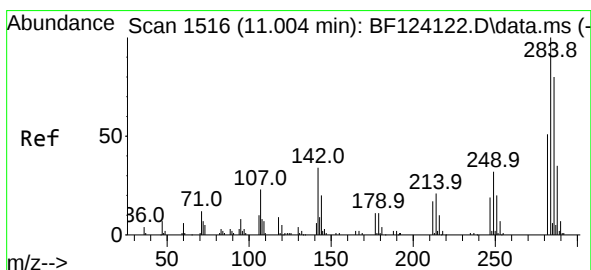
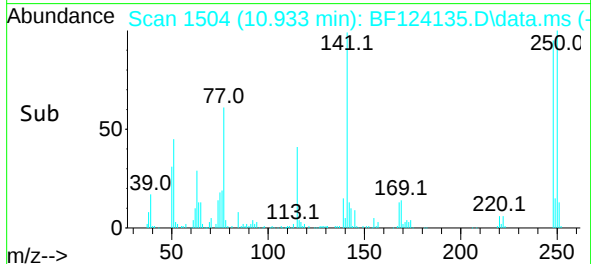
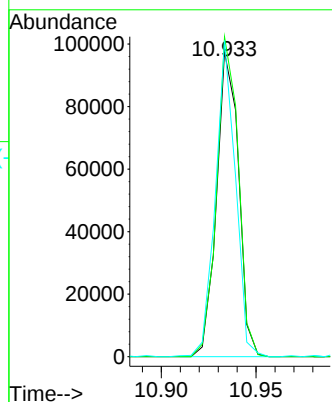
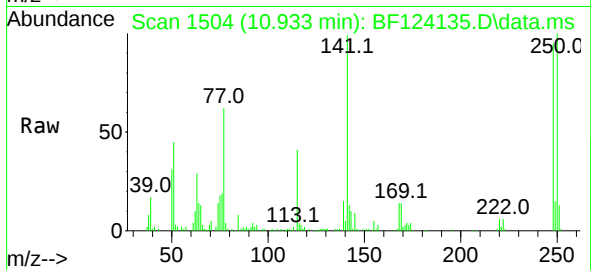




#67
4-Bromophenyl-phenylether
Concen: 45.25 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

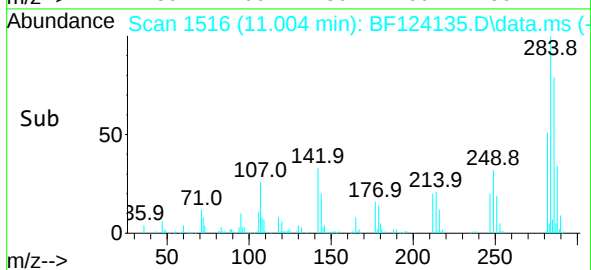
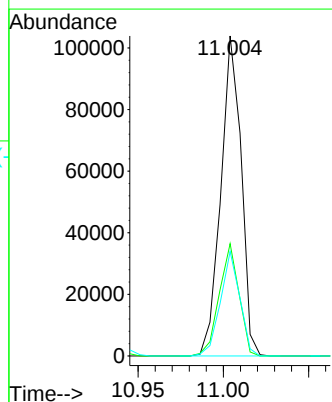
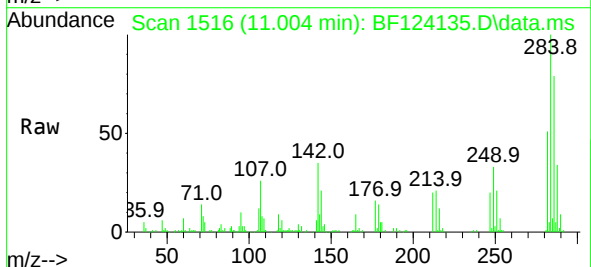
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

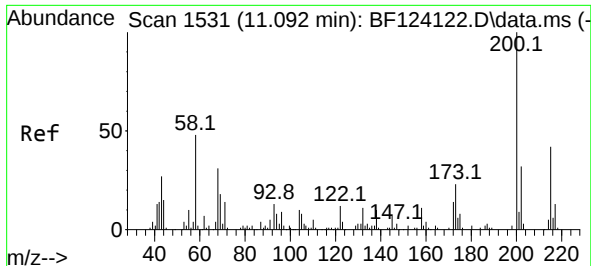
Tgt Ion:248 Resp: 78691
Ion Ratio Lower Upper
248 100
250 105.0 77.4 116.2
141 103.7 63.7 95.5#



#68
Hexachlorobenzene
Concen: 43.76 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:284 Resp: 86187
Ion Ratio Lower Upper
284 100
142 35.1 28.3 42.5
249 32.6 23.5 35.3

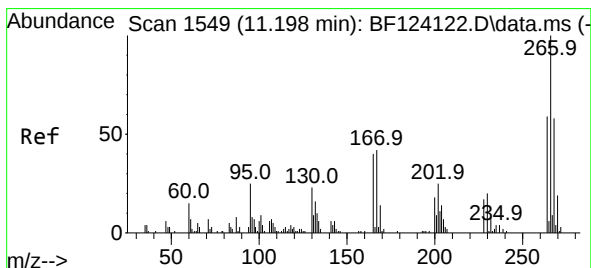
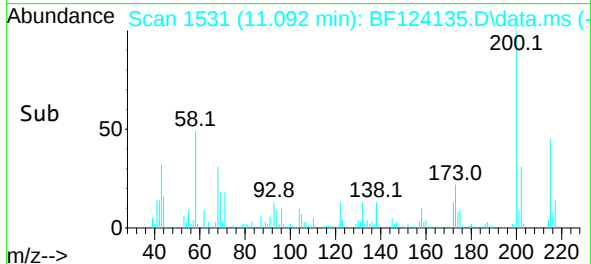
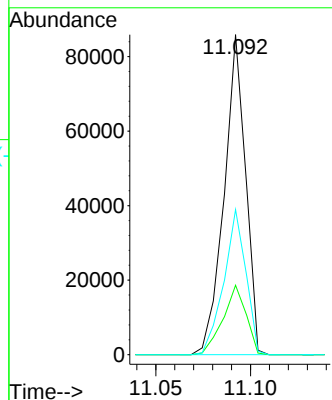
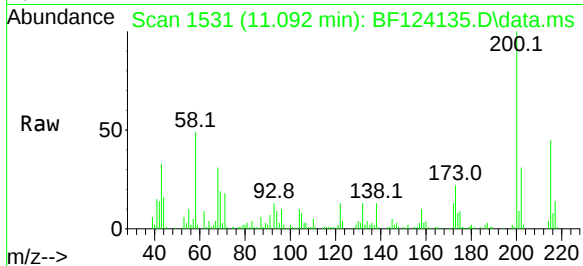




#69
 Atrazine
 Concen: 49.63 ng
 RT: 11.092 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF124135.D
 Acq: 4 Jun 2021 12:37

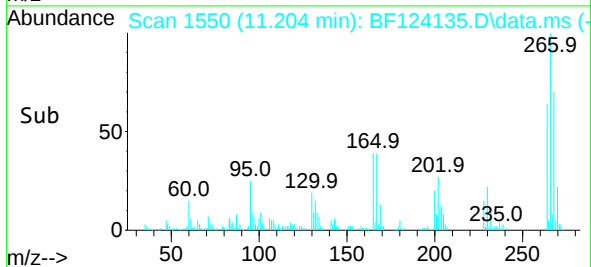
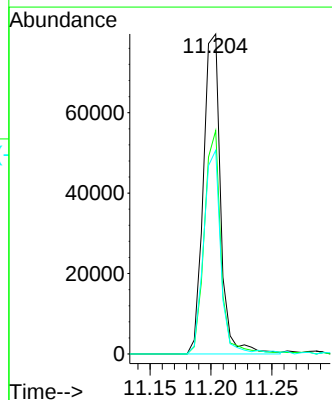
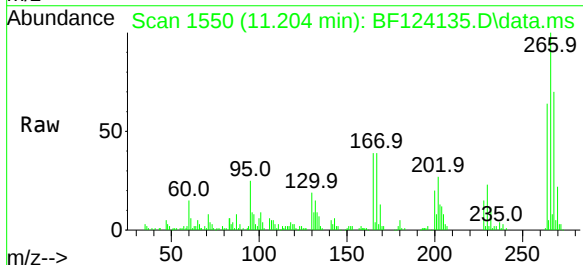
Instrument :
 BNA_F
 ClientSampleId :
 18-B4(2-4)MSD

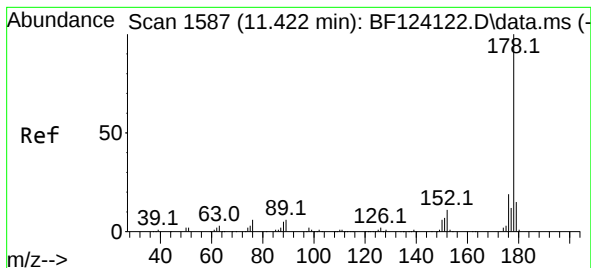
Tgt Ion:200 Resp: 67628
 Ion Ratio Lower Upper
 200 100
 173 21.7 6.9 46.9
 215 45.3 26.5 66.5



#70
 Pentachlorophenol
 Concen: 75.78 ng
 RT: 11.204 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: BF124135.D
 Acq: 4 Jun 2021 12:37

Tgt Ion:266 Resp: 78379
 Ion Ratio Lower Upper
 266 100
 268 69.8 51.6 77.4
 264 63.6 52.6 78.8

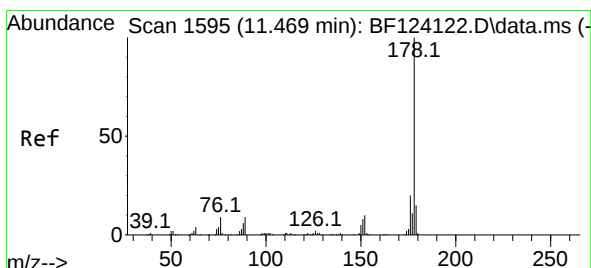
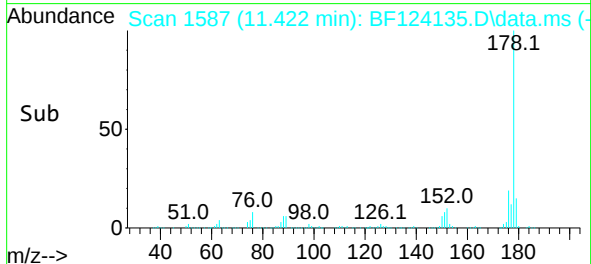
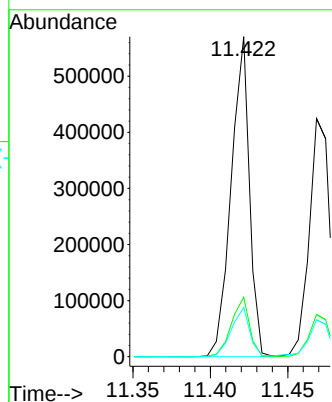
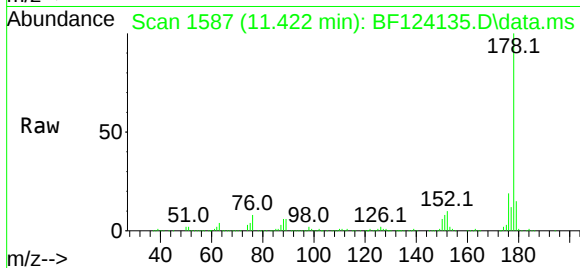




#71
Phenanthrene
Concen: 59.08 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

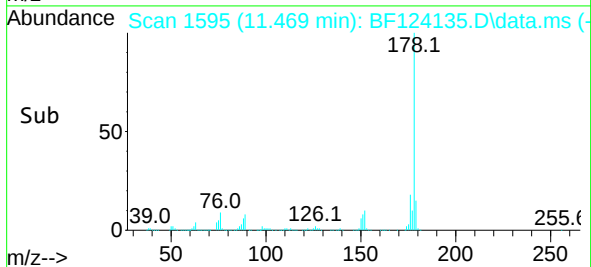
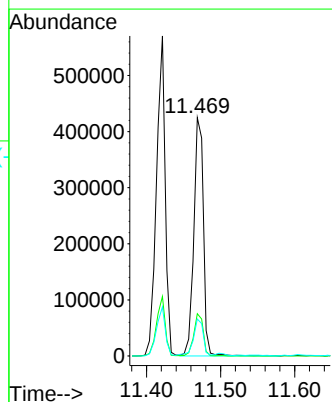
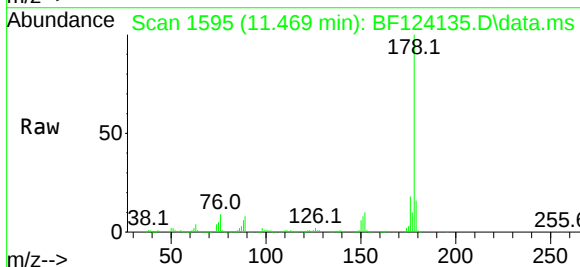
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

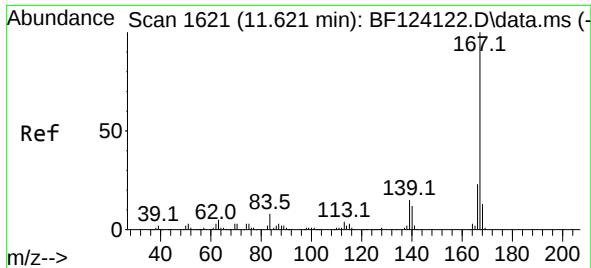
Tgt Ion:178 Resp: 467577
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.3 12.5 18.7



#72
Anthracene
Concen: 48.04 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:178 Resp: 382861
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 15.5 12.6 18.8

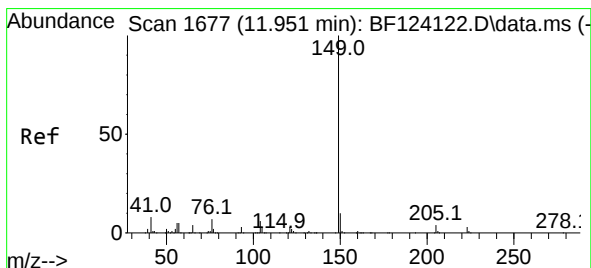
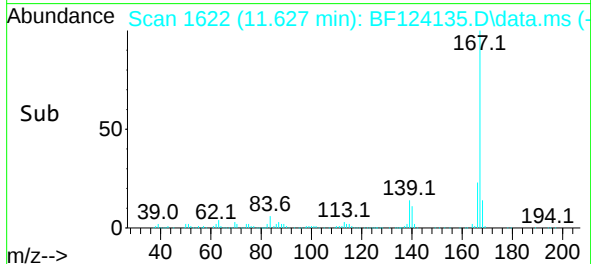
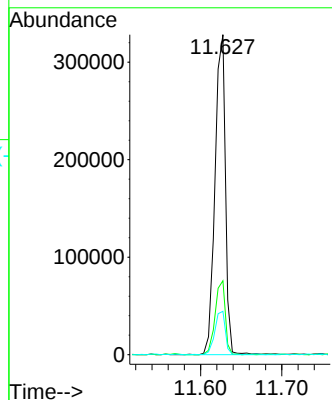
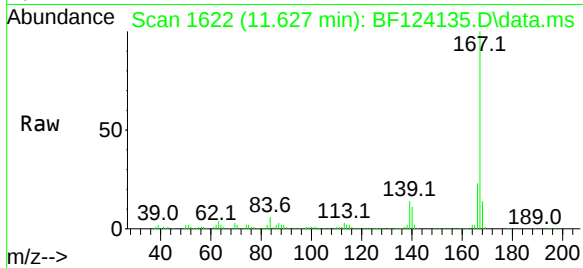




#73
Carbazole
Concen: 42.11 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

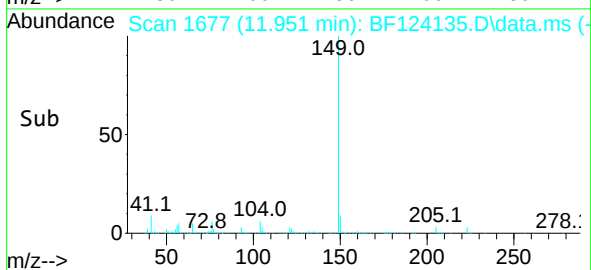
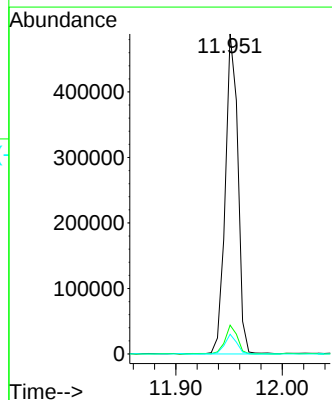
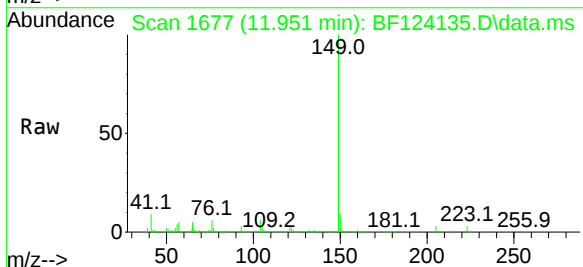
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

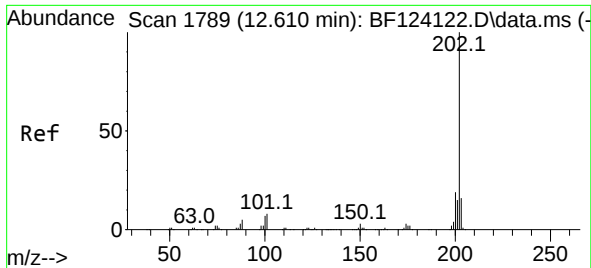
Tgt Ion:167 Resp: 292468
Ion Ratio Lower Upper
167 100
166 23.1 17.0 25.6
139 13.5 10.4 15.6



#74
Di-n-butylphthalate
Concen: 44.94 ng
RT: 11.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:149 Resp: 401149
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.8
104 6.1 4.6 6.8

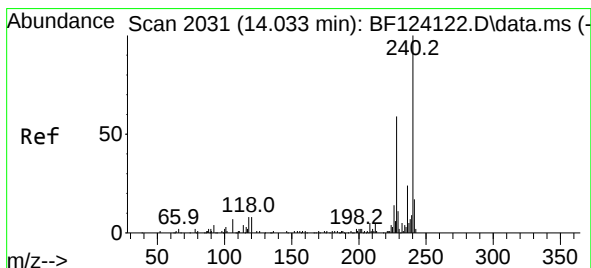
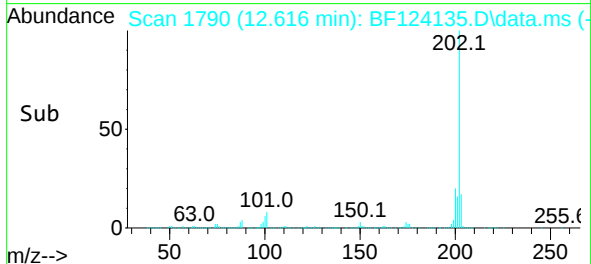
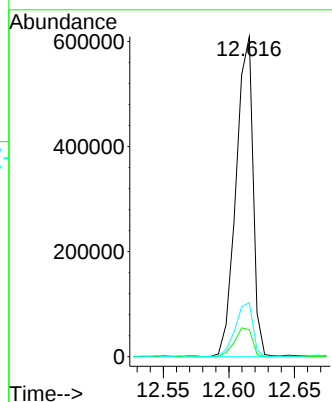
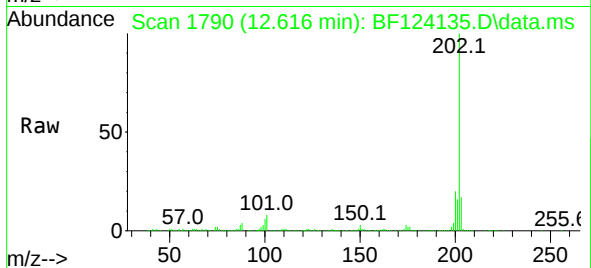




#75
Fluoranthene
Concen: 66.33 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

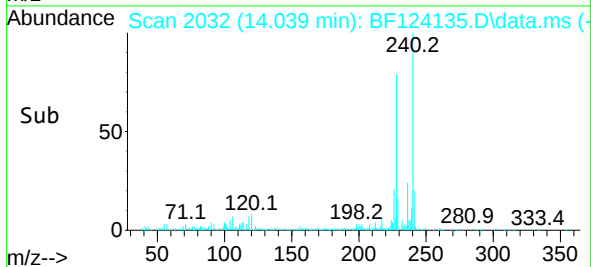
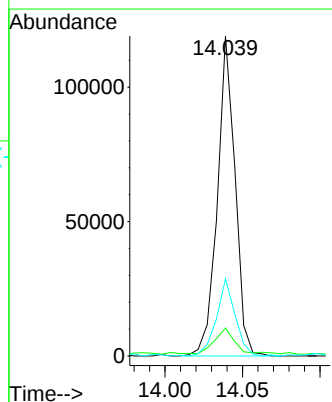
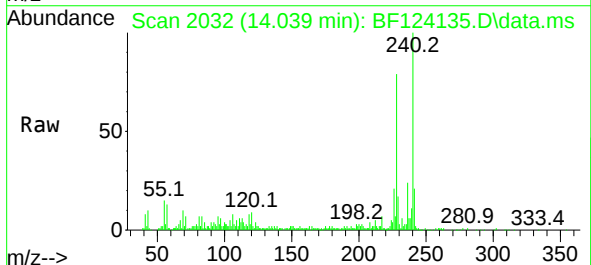
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

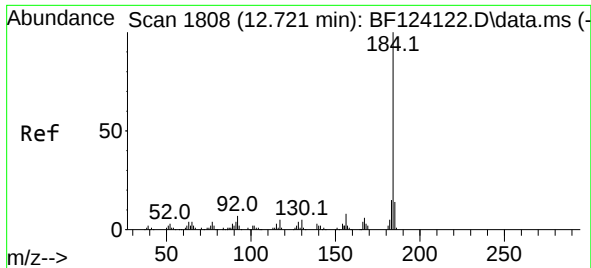
Tgt Ion:202 Resp: 551039
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:240 Resp: 94724
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.2 19.0 28.4

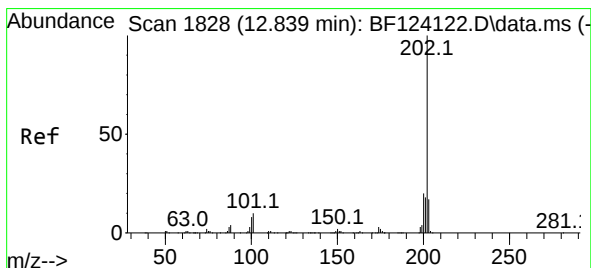
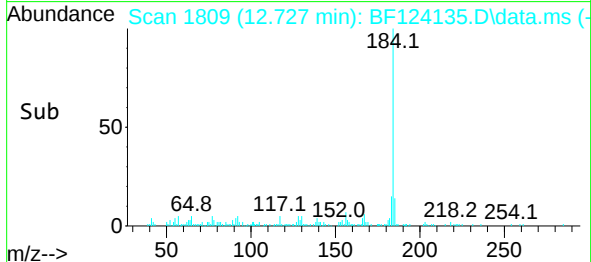
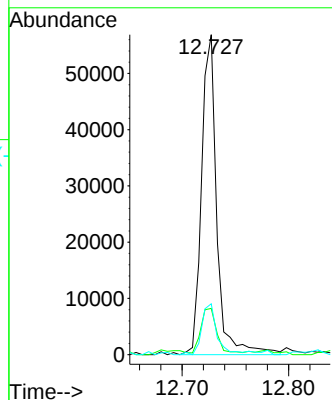
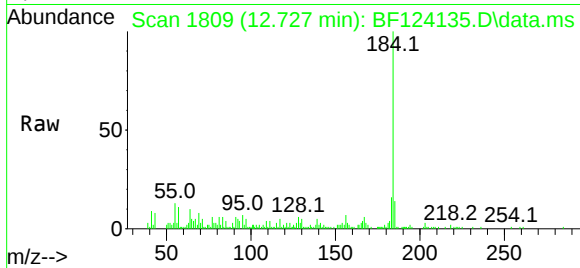




#77
Benzidine
Concen: 27.56 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

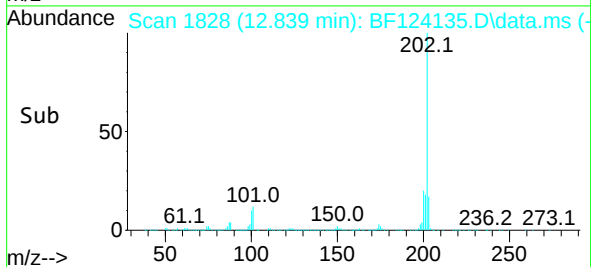
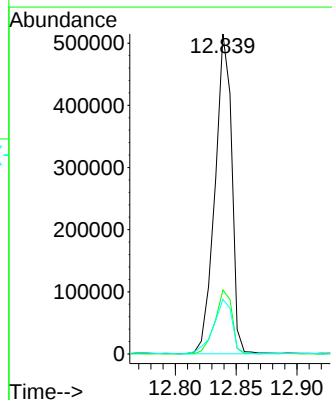
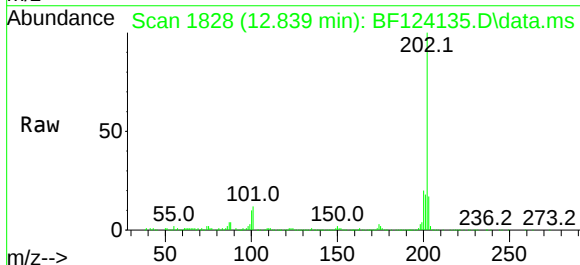
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

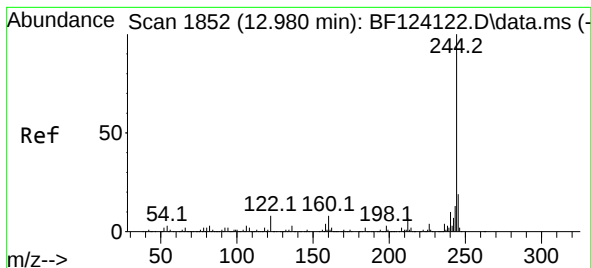
Tgt Ion:184 Resp: 56666
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 15.9 7.8 11.8#



#78
Pyrene
Concen: 54.13 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:202 Resp: 492382
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.1 14.8 22.2





#79

Terphenyl-d14

Concen: 52.80 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

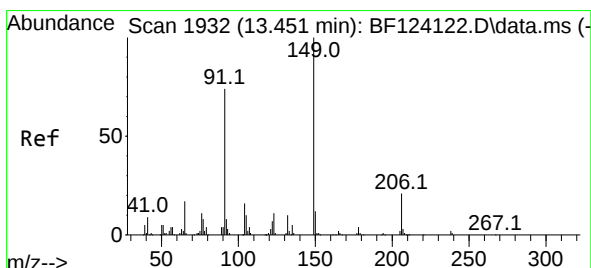
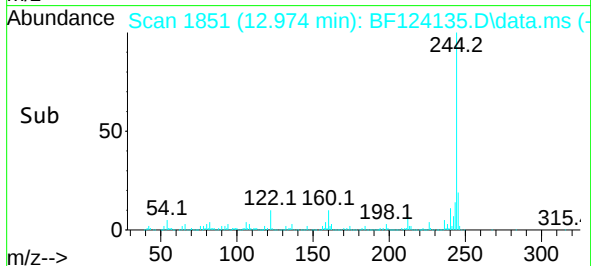
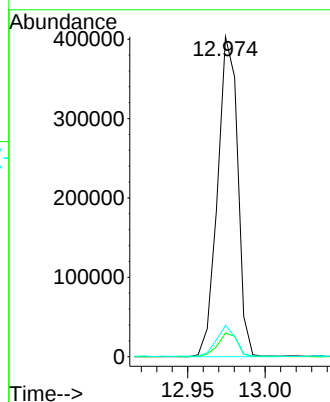
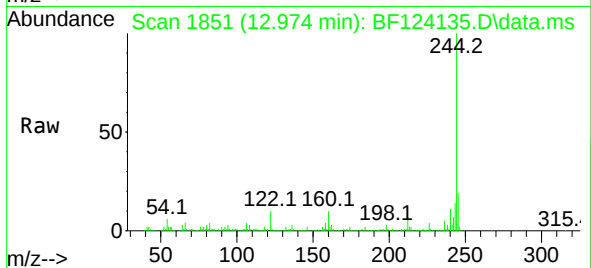
Tgt Ion:244 Resp: 364255

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 9.8 9.7 14.5



#80

Butylbenzylphthalate

Concen: 42.21 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

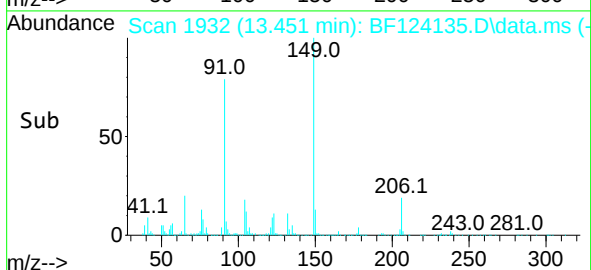
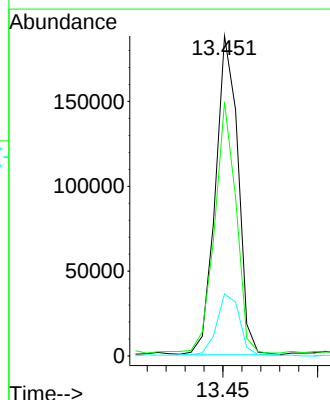
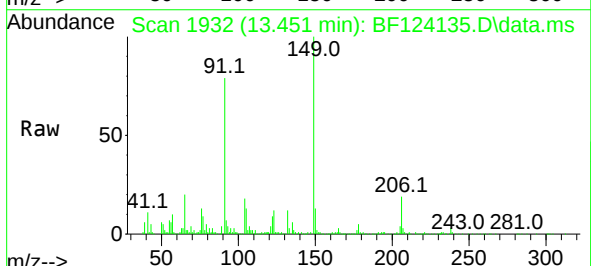
Tgt Ion:149 Resp: 155755

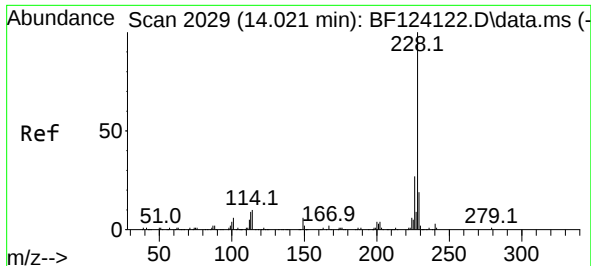
Ion Ratio Lower Upper

149 100

91 79.4 63.6 95.4

206 19.4 14.5 21.7

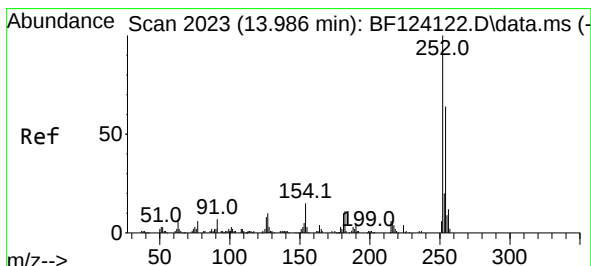
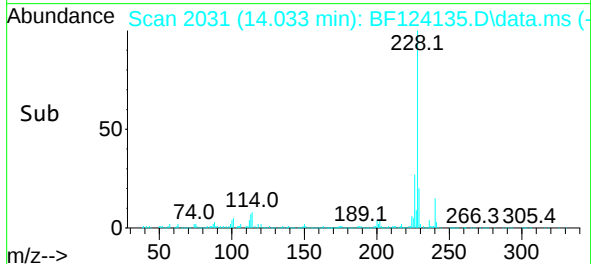
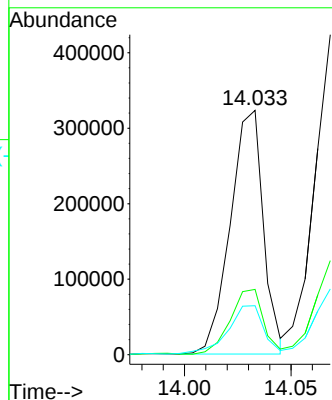
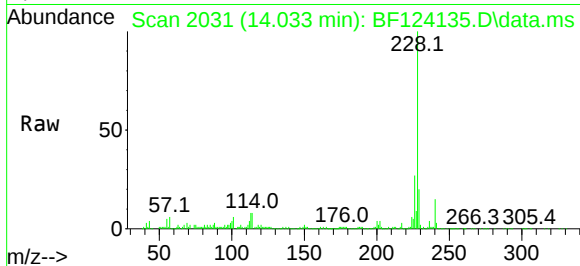




#81
Benzo(a)anthracene
Concen: 50.47 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

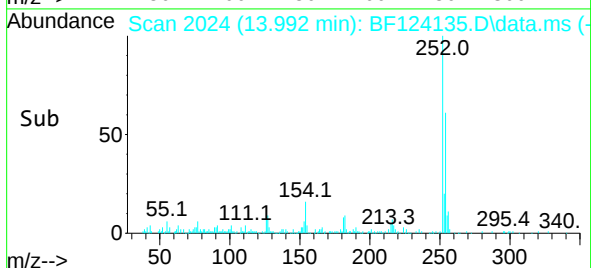
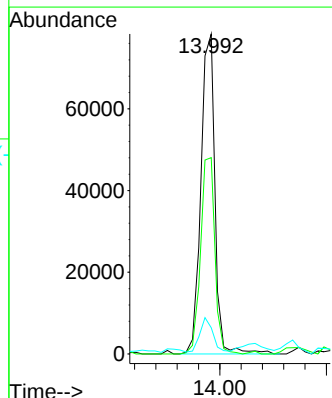
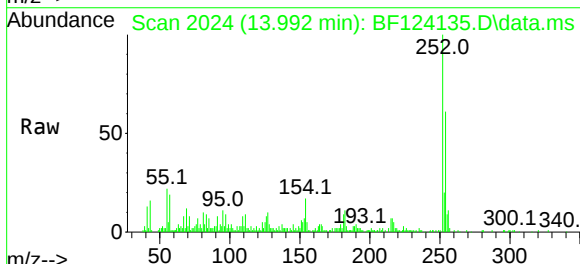
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

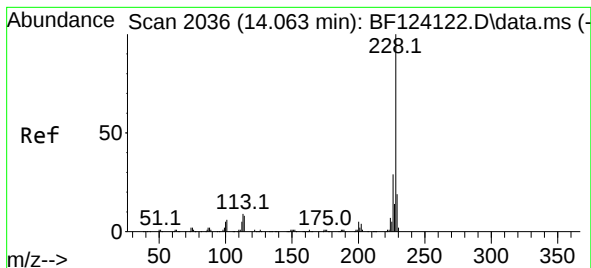
Tgt Ion:228 Resp: 348300
Ion Ratio Lower Upper
228 100
226 26.7 22.4 33.6
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.58 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:252 Resp: 72027
Ion Ratio Lower Upper
252 100
254 61.3 51.1 76.7
126 8.2 7.7 11.5





#83

Chrysene

Concen: 53.67 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

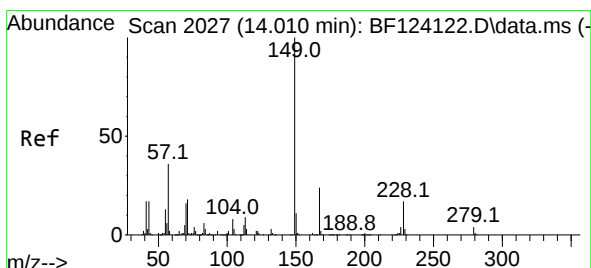
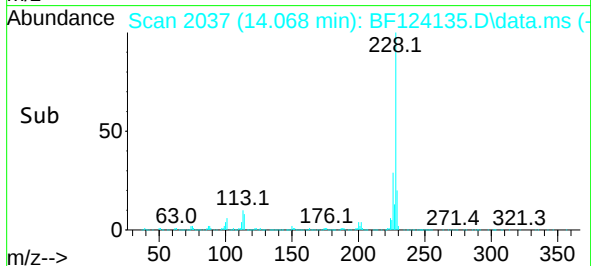
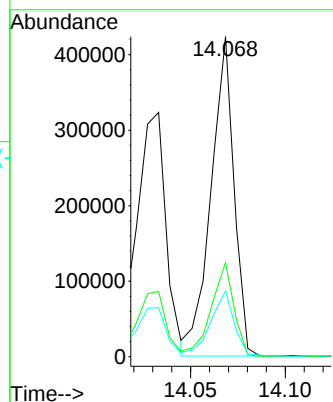
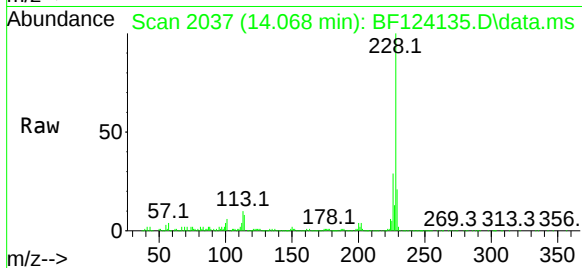
Tgt Ion:228 Resp: 357291

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 20.6 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.76 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

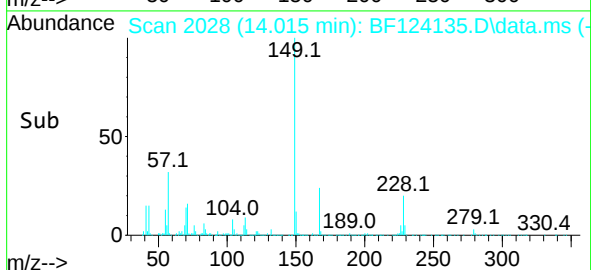
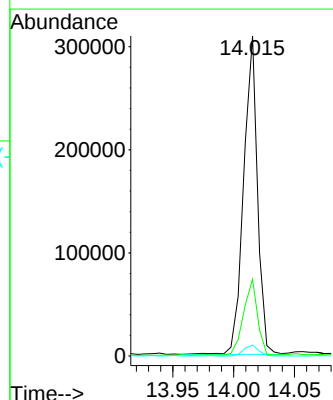
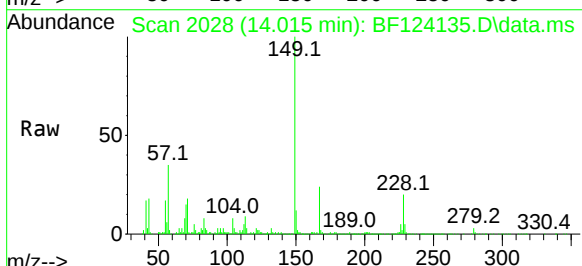
Tgt Ion:149 Resp: 244734

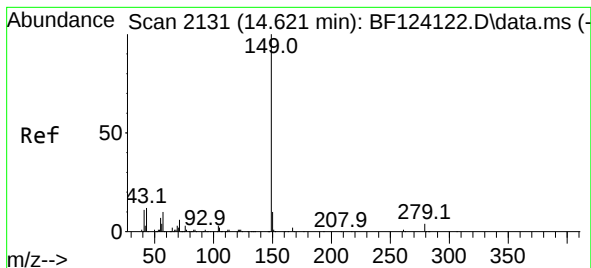
Ion Ratio Lower Upper

149 100

167 24.0 21.8 32.6

279 3.4 3.3 4.9

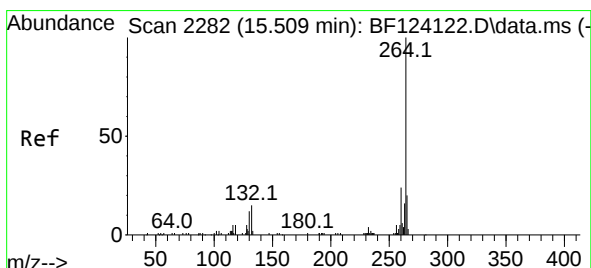
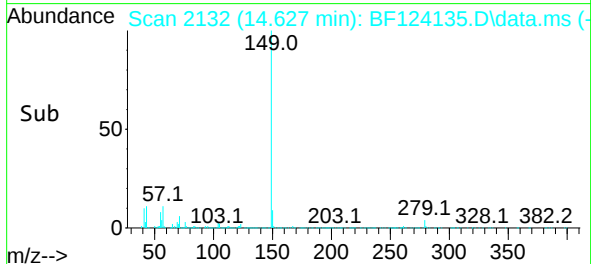
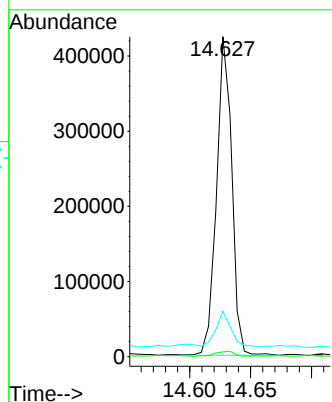
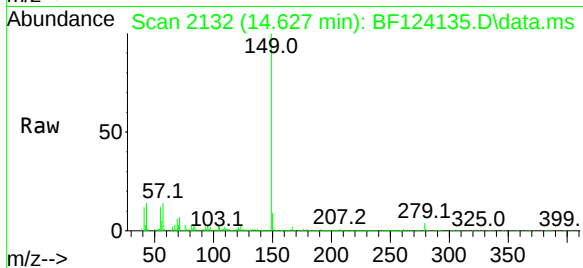




#85
Di-n-octyl phthalate
Concen: 63.13 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

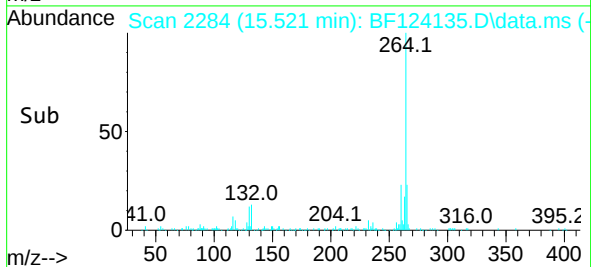
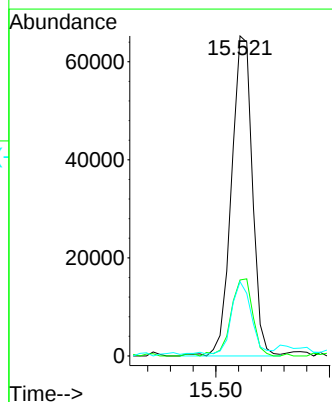
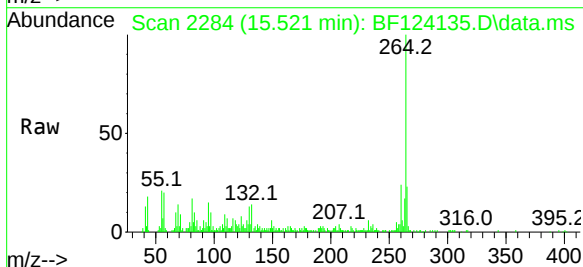
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

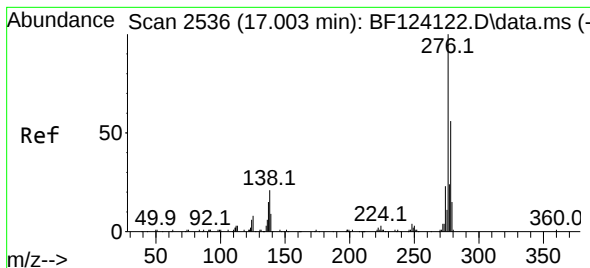
Tgt Ion:149 Resp: 369808
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 11.7 11.8 17.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:264 Resp: 82926
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 23.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.80 ng

RT: 17.021 min Scan# 2539

Delta R.T. 0.018 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

Tgt Ion:276 Resp: 246343

Ion Ratio Lower Upper

276 100

138 21.3 16.2 24.2

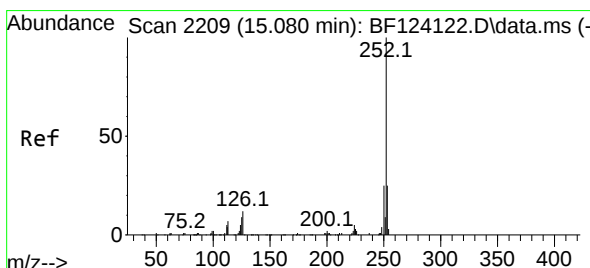
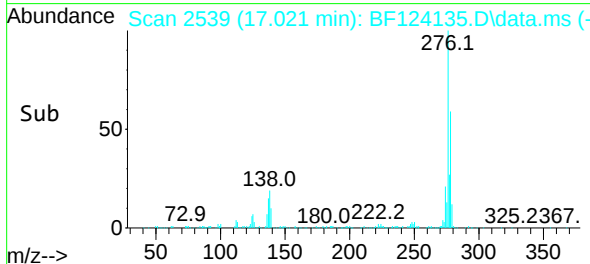
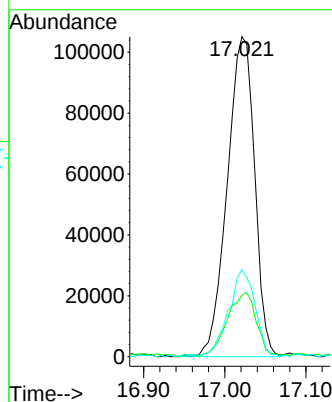
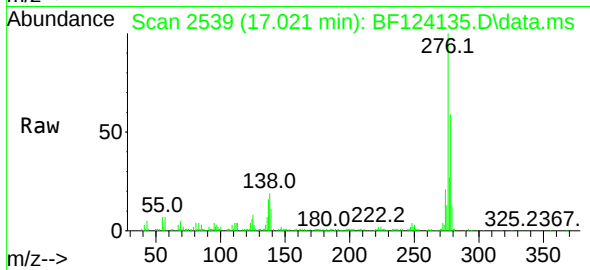
277 26.5 20.1 30.1

Instrument :

BNA_F

ClientSampleId :

18-B4(2-4)MSD



#88

Benzo(b)fluoranthene

Concen: 62.24 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.012 min

Lab File: BF124135.D

Acq: 4 Jun 2021 12:37

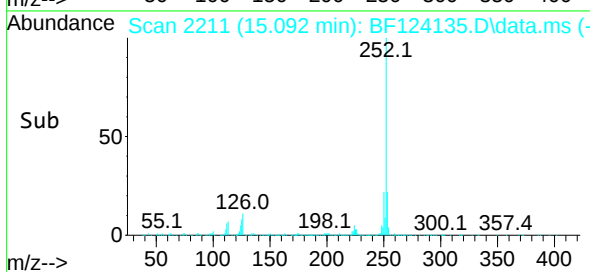
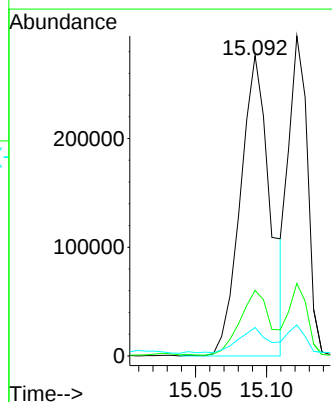
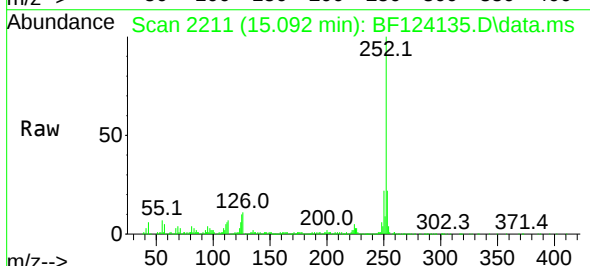
Tgt Ion:252 Resp: 400925

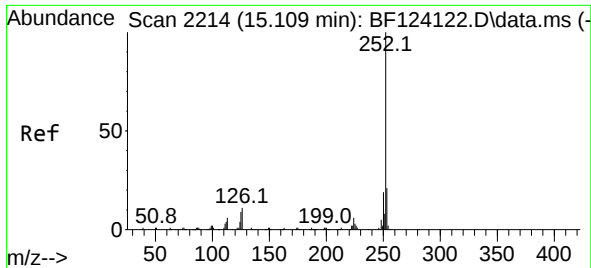
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 9.5 6.2 9.4#

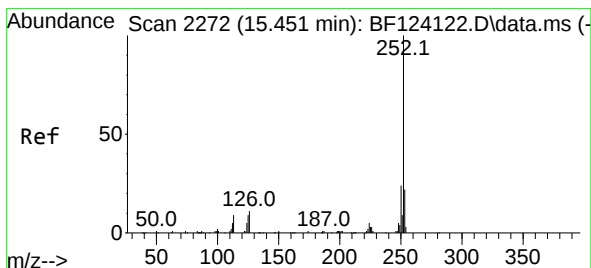
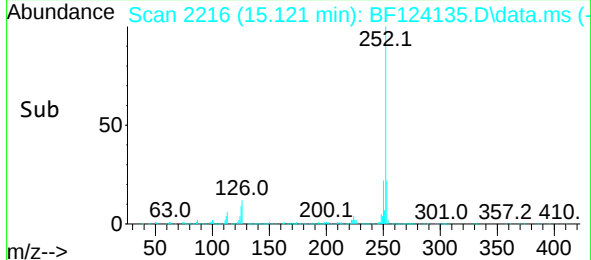
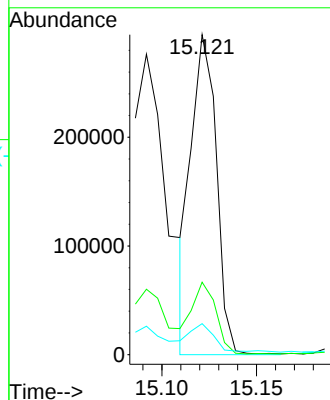
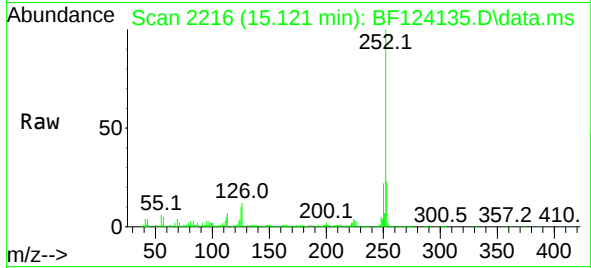




#89
Benzo(k)fluoranthene
Concen: 44.68 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

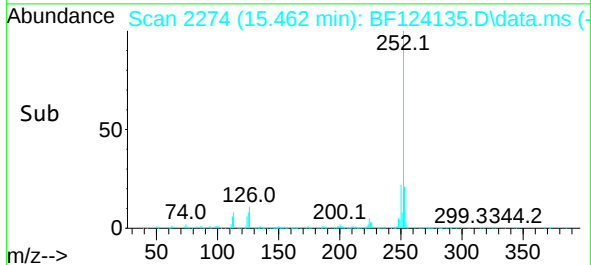
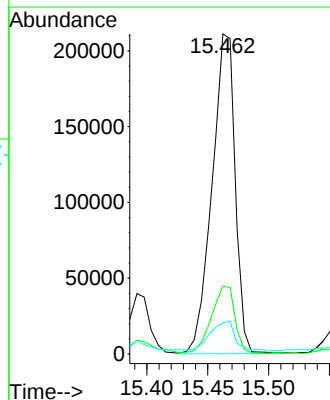
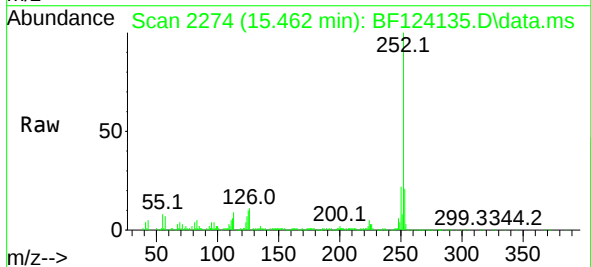
Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

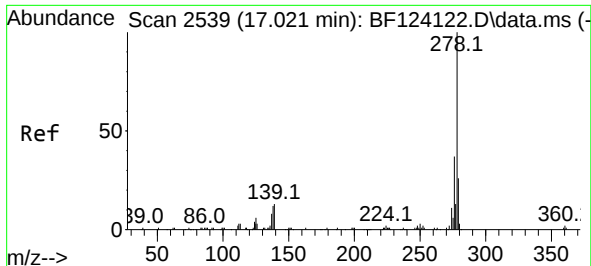
Tgt Ion:252 Resp: 272484
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.7 7.0 10.6



#90
Benzo(a)pyrene
Concen: 49.86 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:252 Resp: 278970
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 9.7 8.0 12.0

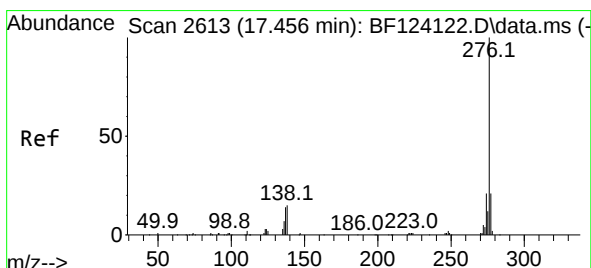
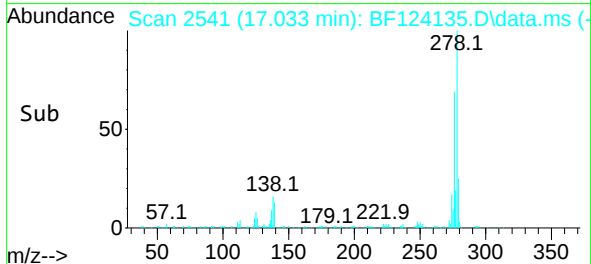
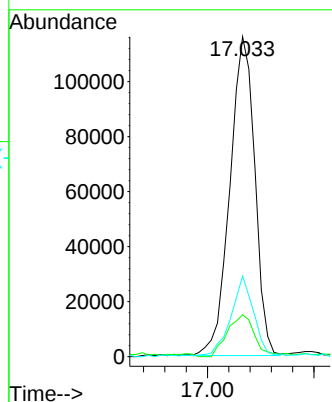
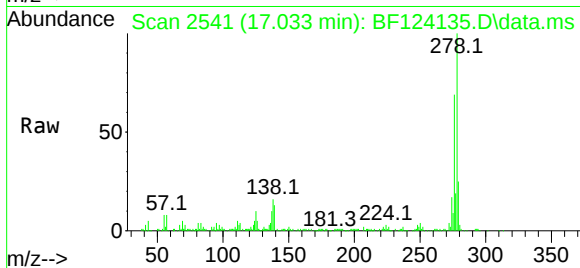




#91
Dibenzo(a,h)anthracene
Concen: 33.44 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.012 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

Tgt Ion:278 Resp: 188759
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.2
279 25.2 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 34.73 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF124135.D
Acq: 4 Jun 2021 12:37

Tgt Ion:276 Resp: 195228
Ion Ratio Lower Upper
276 100
277 21.6 18.2 27.2
138 17.6 13.8 20.6

