

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124004.D
 Acq On : 20 May 2021 12:16
 Operator : JU/CG
 Sample : PB136559BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136559BS

Quant Time: May 20 12:48:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	73208	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	291461	20.00	ng	0.00
39) Acenaphthene-d10	9.951	164	161250	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	279207	20.00	ng	0.01
76) Chrysene-d12	14.080	240	179648	20.00	ng	0.01
86) Perylene-d12	15.574	264	136442	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	559249	107.26	ng	0.03
7) Phenol-d6	6.539	99	678500	100.31	ng	0.02
23) Nitrobenzene-d5	7.475	82	491975	72.73	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	217329	112.21	ng	0.02
45) 2-Fluorobiphenyl	9.269	172	878350	67.03	ng	0.00
79) Terphenyl-d14	13.021	244	878770	74.09	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	81879	35.76	ng	97
3) Pyridine	3.563	79	174676	29.56	ng	98
4) n-Nitrosodimethylamine	3.528	42	140282	36.54	ng	# 92
6) Aniline	6.569	93	242057	31.52	ng	97
8) 2-Chlorophenol	6.692	128	213189	39.29	ng	96
9) Benzaldehyde	6.457	77	27118	9.27	ng	89
10) Phenol	6.551	94	270765	39.61	ng	95
11) bis(2-Chloroethyl)ether	6.639	93	207440	39.04	ng	96
12) 1,3-Dichlorobenzene	6.851	146	234186	37.05	ng	94
13) 1,4-Dichlorobenzene	6.928	146	237962	36.79	ng	95
14) 1,2-Dichlorobenzene	7.075	146	229066	37.90	ng	99
15) Benzyl Alcohol	7.045	79	218172	37.34	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	405105	37.87	ng	98
17) 2-Methylphenol	7.157	107	172767	39.26	ng	91
18) Hexachloroethane	7.422	117	89066	37.16	ng	# 89
19) n-Nitroso-di-n-propyla...	7.322	70	173669	38.00	ng	96
20) 3+4-Methylphenols	7.310	107	226793	39.13	ng	96
22) Acetophenone	7.322	105	305679	36.93	ng	# 95
24) Nitrobenzene	7.492	77	247786	35.82	ng	97
25) Isophorone	7.734	82	456268	35.06	ng	97
26) 2-Nitrophenol	7.804	139	115333	44.33	ng	96
27) 2,4-Dimethylphenol	7.839	122	189334	38.00	ng	93
28) bis(2-Chloroethoxy)met...	7.939	93	253937	38.81	ng	95
29) 2,4-Dichlorophenol	8.045	162	177847	35.27	ng	97
30) 1,2,4-Trichlorobenzene	8.133	180	198385	34.99	ng	99
31) Naphthalene	8.216	128	601607	34.88	ng	98
32) Benzoic acid	7.969	122	92496	33.83	ng	95
33) 4-Chloroaniline	8.257	127	156464	23.83	ng	95
34) Hexachlorobutadiene	8.333	225	128798	34.70	ng	98
35) Caprolactam	8.639	113	32783	23.88	ng	# 83
36) 4-Chloro-3-methylphenol	8.739	107	199380	36.15	ng	90
37) 2-Methylnaphthalene	8.904	142	413763	35.39	ng	99
38) 1-Methylnaphthalene	9.004	142	384689	35.26	ng	96
40) 1,2,4,5-Tetrachloroben...	9.075	216	211868	36.43	ng	99
41) Hexachlorocyclopentadiene	9.063	237	245802	66.45	ng	95
43) 2,4,6-Trichlorophenol	9.180	196	134501	35.64	ng	99

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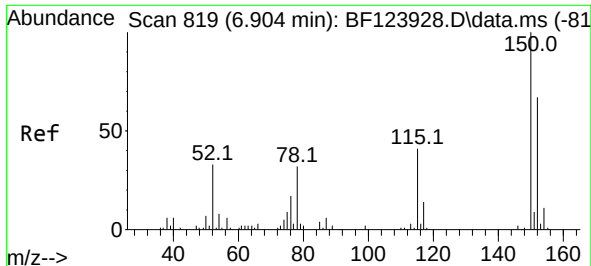
Quant Time: May 20 12:48:35 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	136984	34.94	ng	92
46) 1,1'-Biphenyl	9.369	154	517187	36.41	ng	96
47) 2-Chloronaphthalene	9.398	162	389427	34.52	ng	95
48) 2-Nitroaniline	9.486	65	155211	40.74	ng	93
49) Acenaphthylene	9.816	152	621894	37.31	ng	98
50) Dimethylphthalate	9.675	163	473683	36.79	ng	99
51) 2,6-Dinitrotoluene	9.733	165	102860	39.50	ng	85
52) Acenaphthene	9.986	154	462132	40.50	ng	97
53) 3-Nitroaniline	9.898	138	76439	29.54	ng	93
54) 2,4-Dinitrophenol	10.010	184	102222	73.66	ng	88
55) Dibenzofuran	10.157	168	571246	34.86	ng	97
56) 4-Nitrophenol	10.063	139	170440	79.63	ng	97
57) 2,4-Dinitrotoluene	10.139	165	141257	44.23	ng	94
58) Fluorene	10.498	166	441307	35.74	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.275	232	116860	36.25	ng	# 94
60) Diethylphthalate	10.375	149	480017	37.64	ng	95
61) 4-Chlorophenyl-phenyle...	10.486	204	229894	37.15	ng	100
62) 4-Nitroaniline	10.522	138	101897	39.59	ng	92
63) Azobenzene	10.651	77	482358	34.01	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	70378	40.13	ng	86
66) n-Nitrosodiphenylamine	10.610	169	389402	36.50	ng	96
67) 4-Bromophenyl-phenylether	10.980	248	138995	37.88	ng	96
68) Hexachlorobenzene	11.051	284	156013	38.09	ng	# 90
69) Atrazine	11.139	200	131092	43.51	ng	98
70) Pentachlorophenol	11.245	266	166893	68.72	ng	97
71) Phenanthrene	11.463	178	635843	35.93	ng	99
72) Anthracene	11.516	178	643356	35.88	ng	98
73) Carbazole	11.669	167	544708	34.72	ng	96
74) Di-n-butylphthalate	11.998	149	728226	37.09	ng	98
75) Fluoranthene	12.651	202	633748	34.59	ng	99
77) Benzidine	13.021	184	14861	3.43	ng	98
78) Pyrene	12.880	202	603687	37.85	ng	98
80) Butylbenzylphthalate	13.498	149	255242	40.81	ng	95
81) Benzo(a)anthracene	14.068	228	470016	36.18	ng	97
82) 3,3'-Dichlorobenzidine	14.027	252	134067	33.22	ng	# 97
83) Chrysene	14.110	228	437102	34.98	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	335088	37.97	ng	97
85) Di-n-octyl phthalate	14.674	149	500724	37.53	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	438037	41.57	ng	# 96
88) Benzo(b)fluoranthene	15.139	252	432445	40.97	ng	96
89) Benzo(k)fluoranthene	15.168	252	375034	38.99	ng	99
90) Benzo(a)pyrene	15.515	252	350464	38.41	ng	97
91) Dibenzo(a,h)anthracene	17.115	278	362114	40.81	ng	97
92) Benzo(g,h,i)perylene	17.556	276	344722	38.74	ng	98

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

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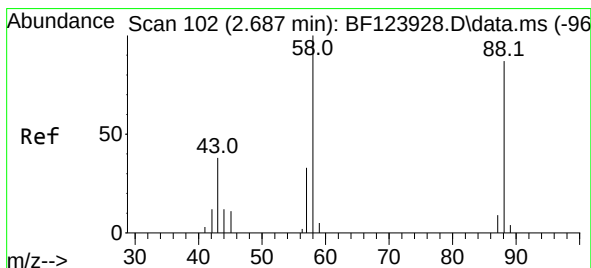
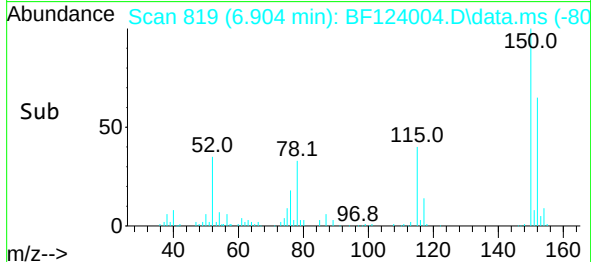
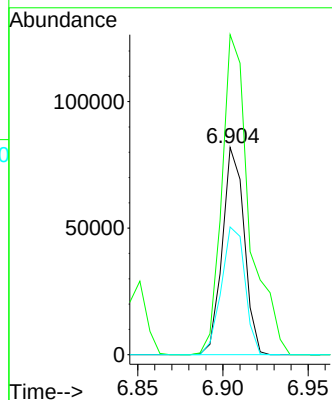
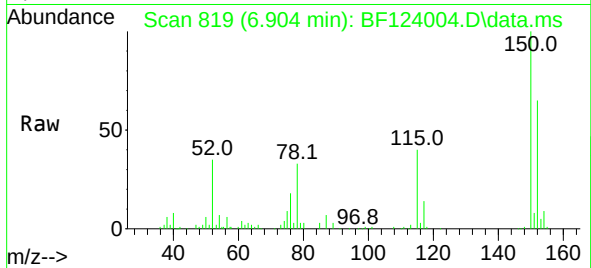




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

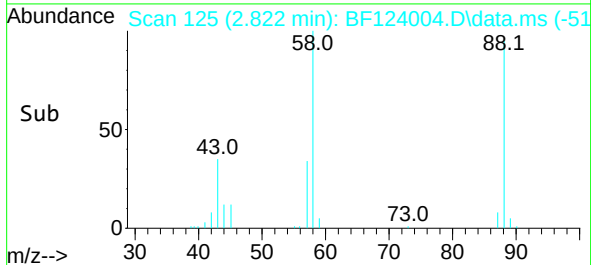
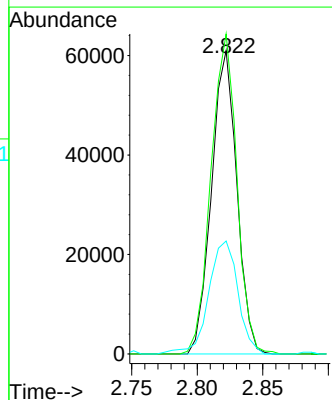
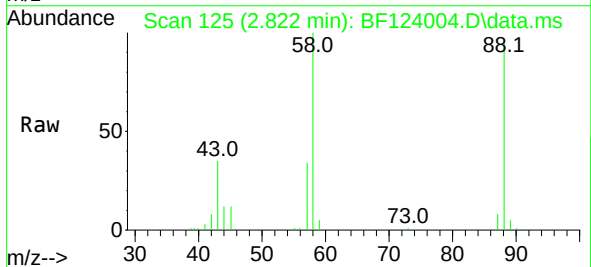
Instrument :
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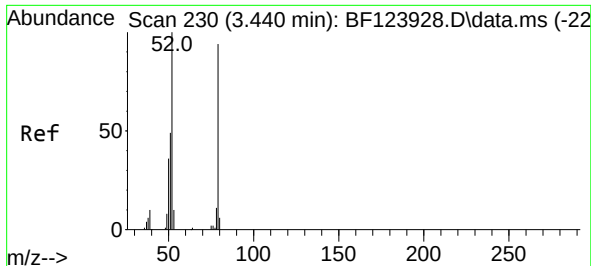
Tgt Ion:152 Resp: 73208
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.0 190.6
 115 61.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 35.76 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.135 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

Tgt Ion: 88 Resp: 81879
 Ion Ratio Lower Upper
 88 100
 58 107.5 83.8 125.8
 43 43.1 32.2 48.4

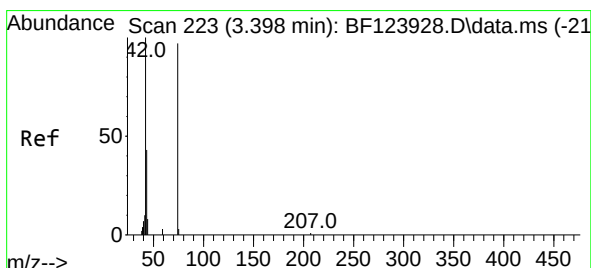
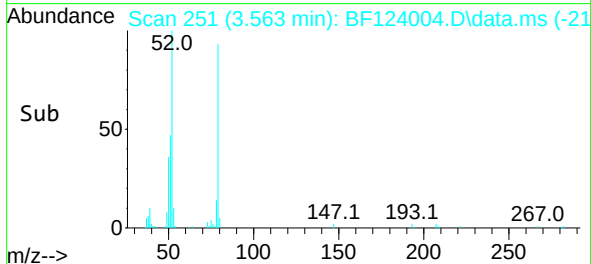
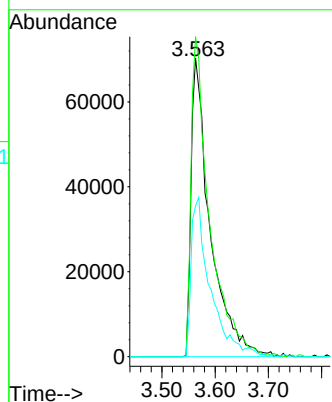
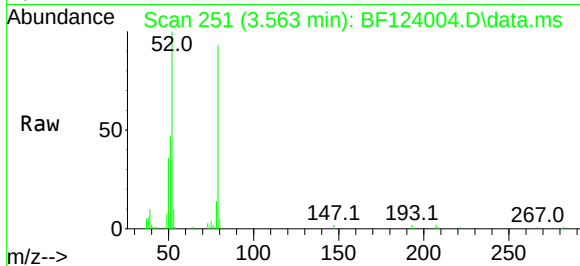




#3
Pyridine
Concen: 29.56 ng
RT: 3.563 min Scan# 251
Delta R.T. 0.124 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

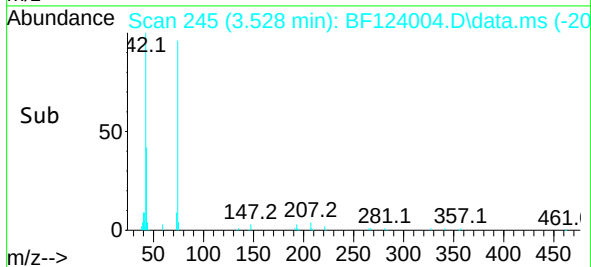
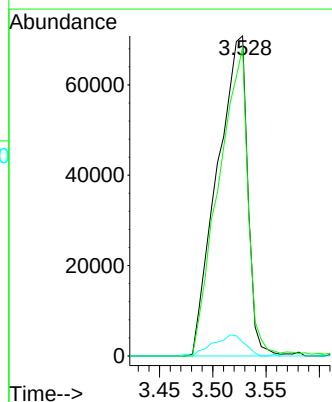
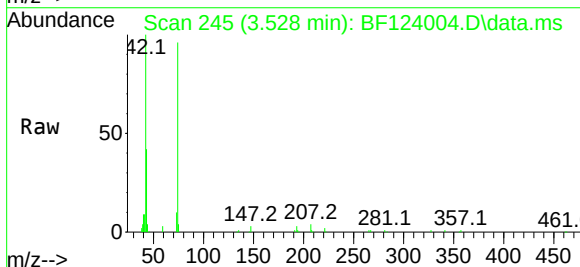
Instrument :
BNA_F
ClientSampleId :
PB136559BS

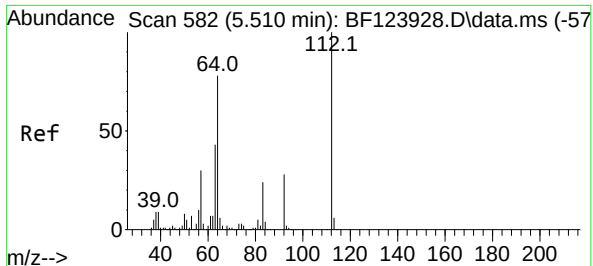
Tgt Ion: 79 Resp: 174676
Ion Ratio Lower Upper
79 100
52 107.1 87.4 131.0
51 50.4 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 36.54 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.129 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion: 42 Resp: 140282
Ion Ratio Lower Upper
42 100
74 96.4 83.5 125.3
44 4.4 5.7 8.5#

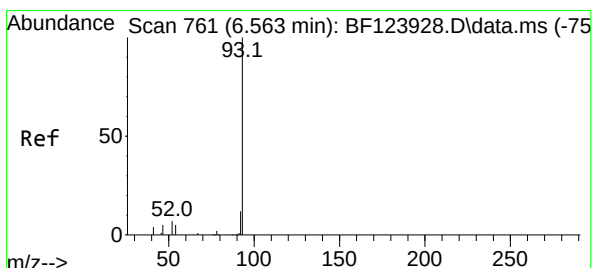
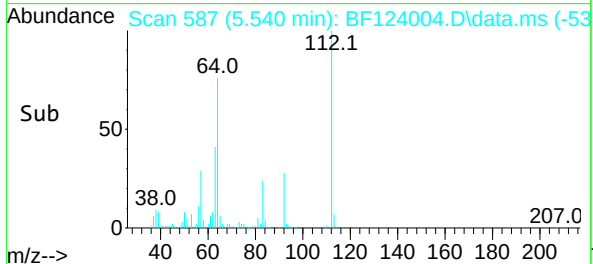
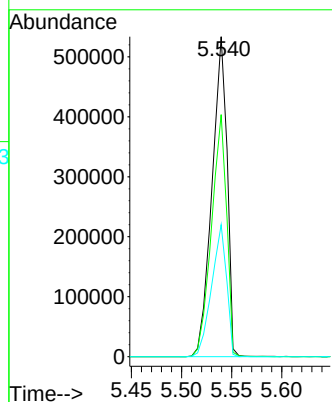
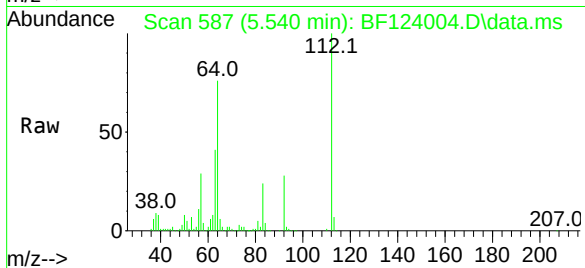




#5
2-Fluorophenol
Concen: 107.26 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.029 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

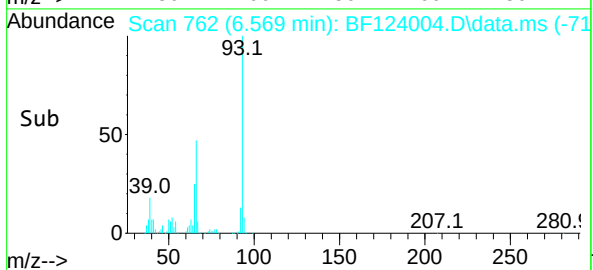
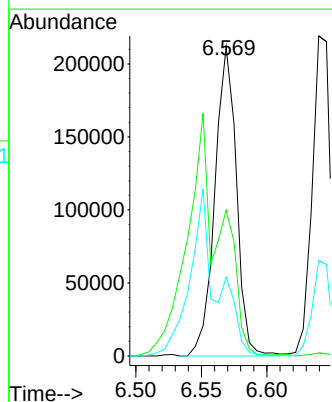
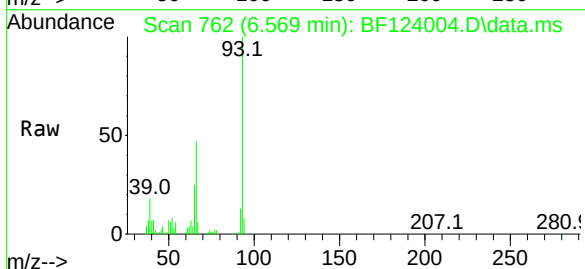
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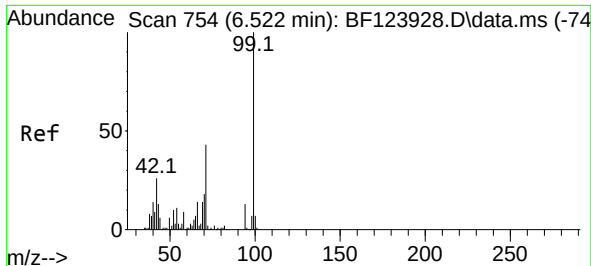
Tgt Ion:112 Resp: 559249
Ion Ratio Lower Upper
112 100
64 75.6 61.4 92.0
63 41.2 33.0 49.4



#6
Aniline
Concen: 31.52 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion: 93 Resp: 242057
Ion Ratio Lower Upper
93 100
66 47.1 36.4 54.6
65 25.5 19.4 29.0

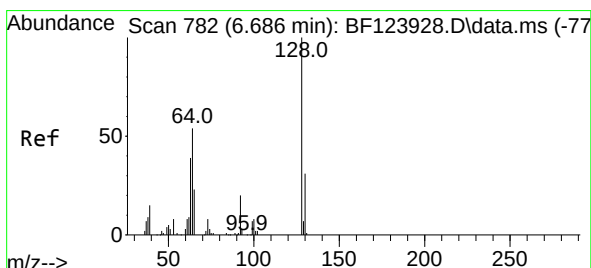
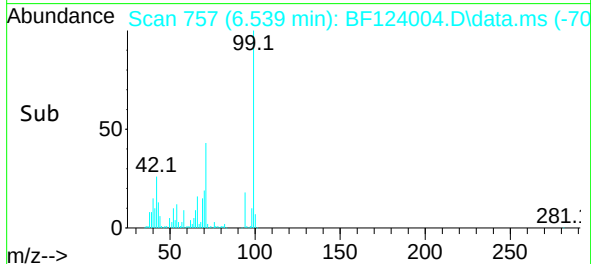
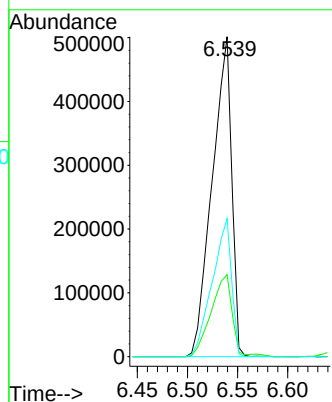
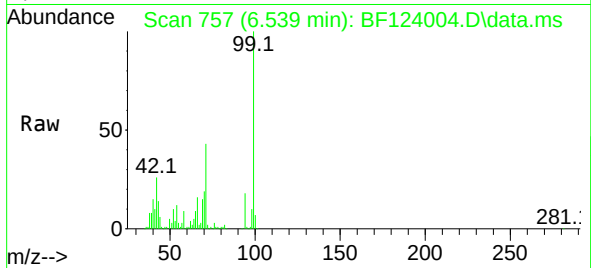




#7
Phenol-d6
Concen: 100.31 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.018 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

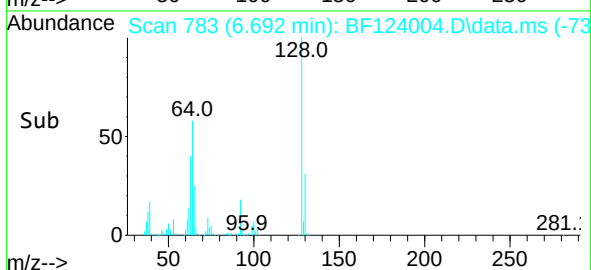
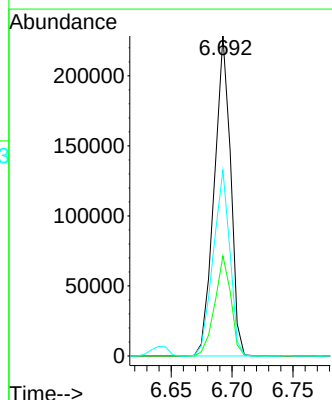
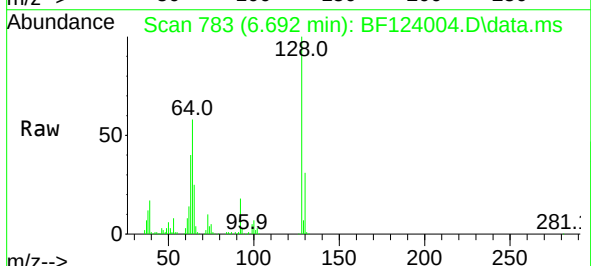
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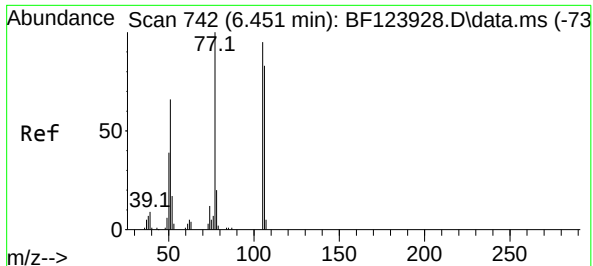
Tgt Ion: 99 Resp: 678500
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 43.1 31.1 46.7



#8
2-Chlorophenol
Concen: 39.29 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion: 128 Resp: 213189
Ion Ratio Lower Upper
128 100
130 31.3 12.6 52.6
64 58.1 41.5 81.5

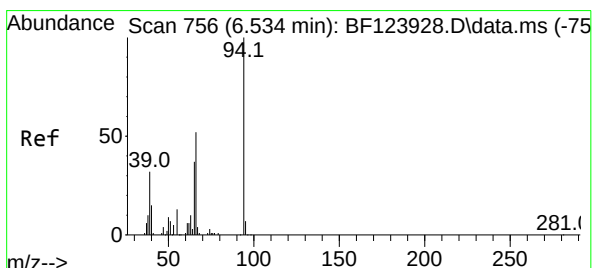
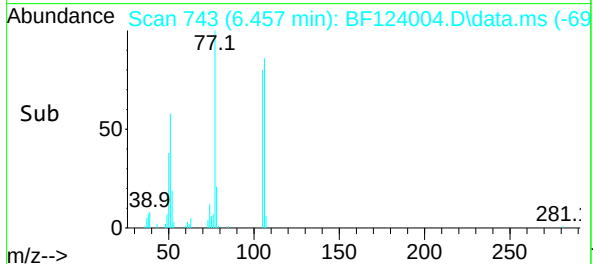
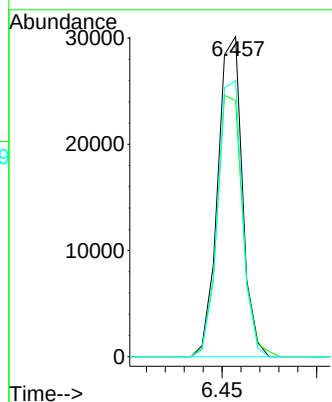
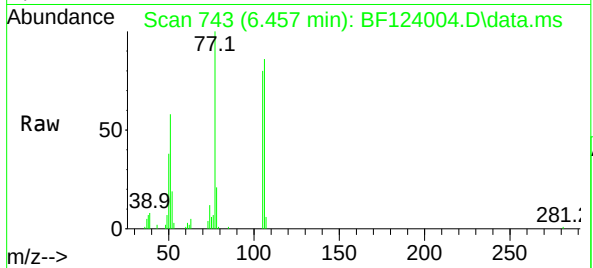




#9
Benzaldehyde
Concen: 9.27 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

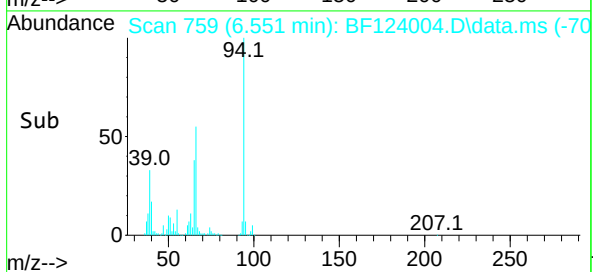
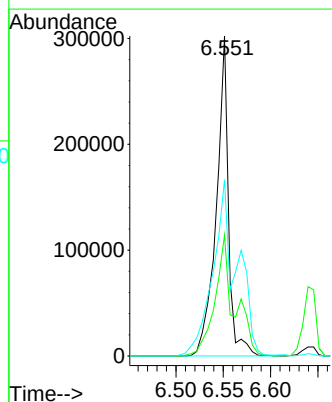
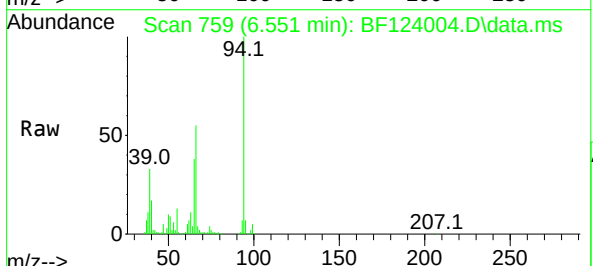
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ClientSampleId :
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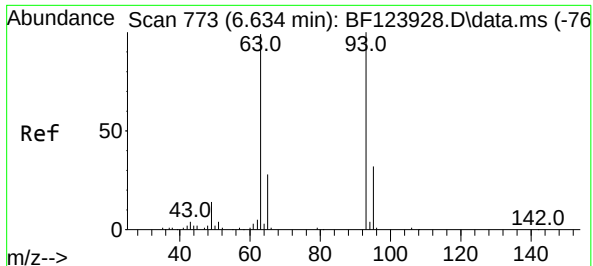
Tgt Ion: 77 Resp: 27118
Ion Ratio Lower Upper
77 100
105 80.1 75.2 115.2
106 86.3 71.6 111.6



#10
Phenol
Concen: 39.61 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.018 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

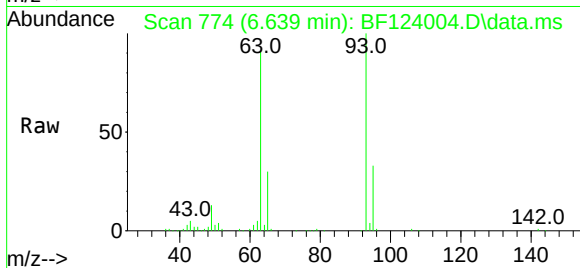
Tgt Ion: 94 Resp: 270765
Ion Ratio Lower Upper
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65 37.8 18.1 58.1
66 55.0 29.0 69.0



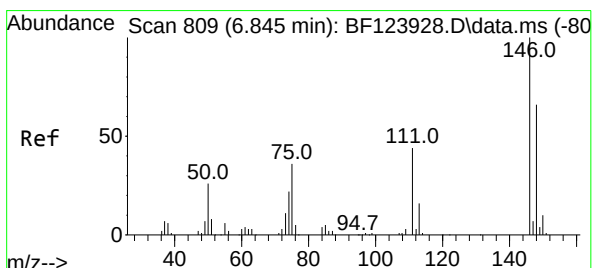
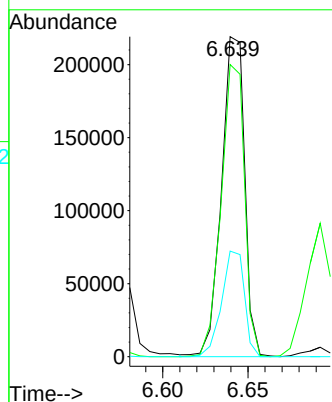
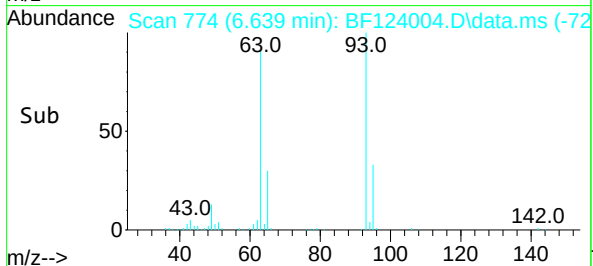


#11
bis(2-Chloroethyl)ether
Concen: 39.04 ng
RT: 6.639 min Scan# 774
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

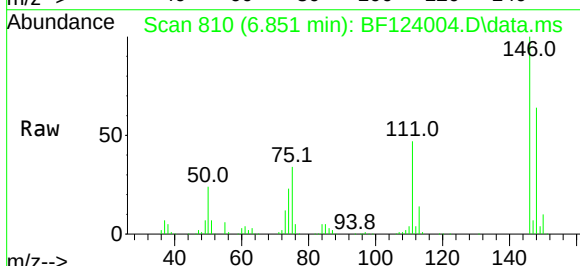
Instrument :
BNA_F
ClientSampleId :
PB136559BS



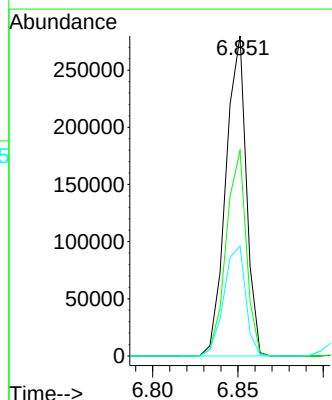
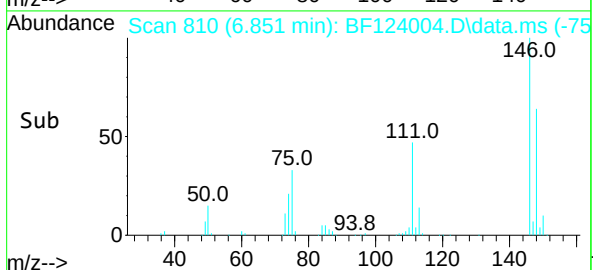
Tgt Ion: 93 Resp: 207440
Ion Ratio Lower Upper
93 100
63 91.3 76.1 116.1
95 33.0 11.5 51.5

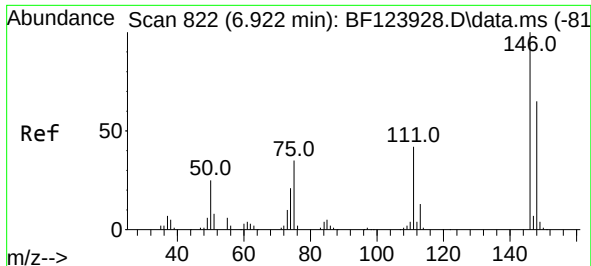


#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16



Tgt Ion: 146 Resp: 234186
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 34.3 34.2 51.4

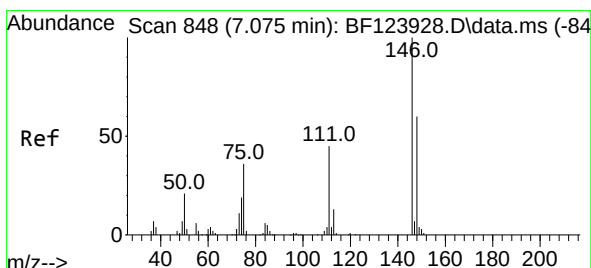
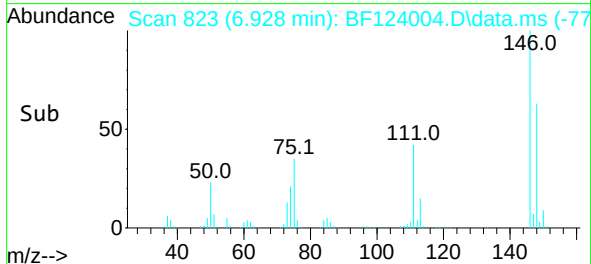
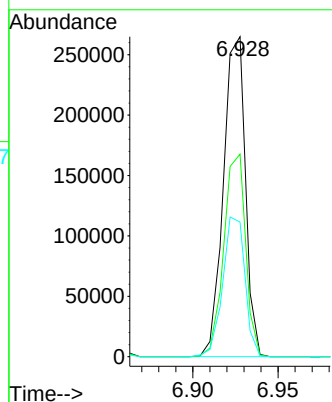
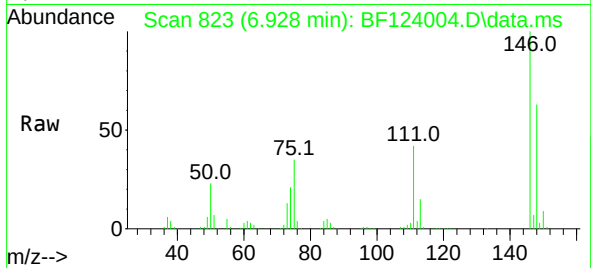




#13
1,4-Dichlorobenzene
Concen: 36.79 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

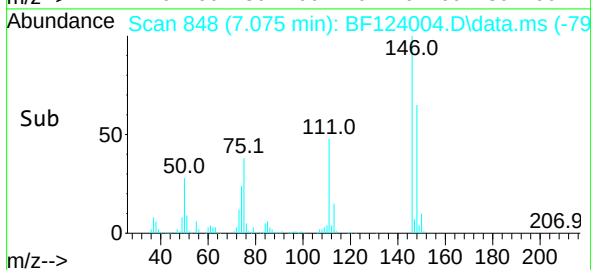
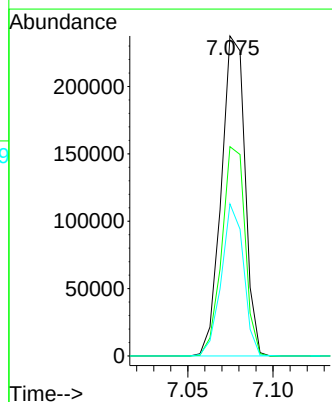
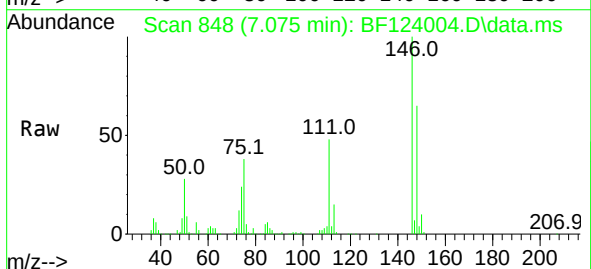
Instrument :
BNA_F
ClientSampled :
PB136559BS

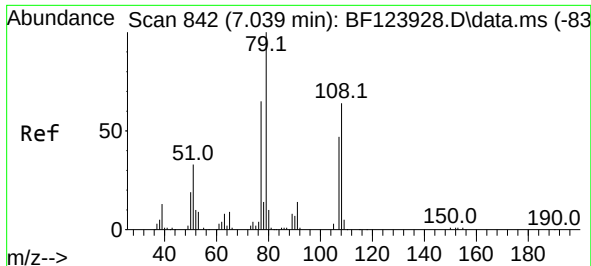
Tgt Ion:146 Resp: 237962
Ion Ratio Lower Upper
146 100
148 63.3 49.9 74.9
111 42.1 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 37.90 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:146 Resp: 229066
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
111 47.5 38.4 57.6





#15

Benzyl Alcohol

Concen: 37.34 ng

RT: 7.045 min Scan# 843

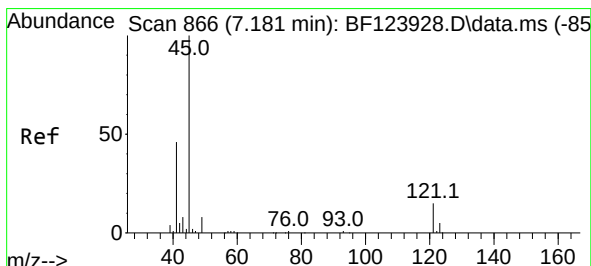
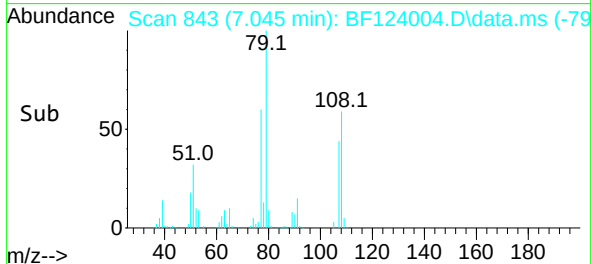
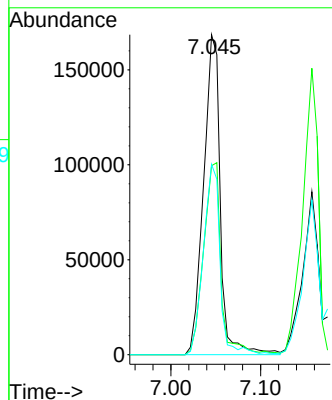
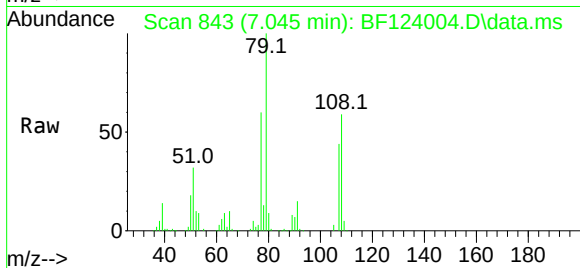
Delta R.T. 0.006 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

Tgt Ion: 79 Resp: 218172

Ion	Ratio	Lower	Upper
79	100		
108	59.0	55.8	83.8
77	59.5	49.9	74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.87 ng

RT: 7.181 min Scan# 866

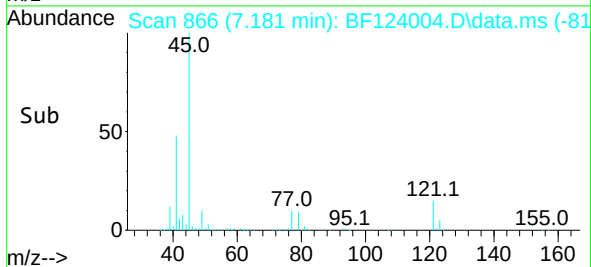
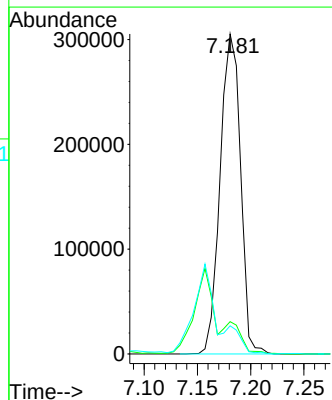
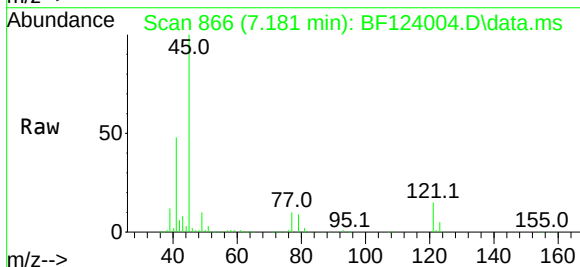
Delta R.T. 0.000 min

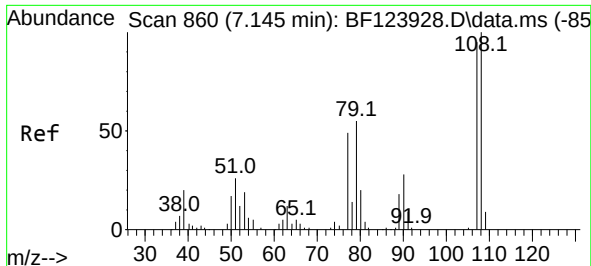
Lab File: BF124004.D

Acq: 20 May 2021 12:16

Tgt Ion: 45 Resp: 405105

Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	30.0
79	8.8	0.0	27.3

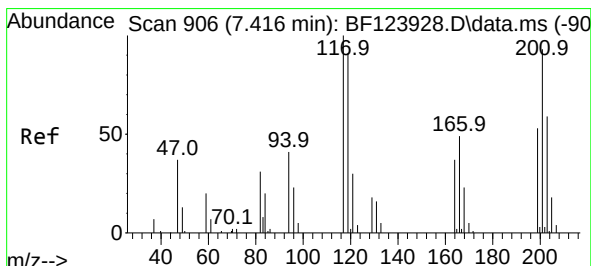
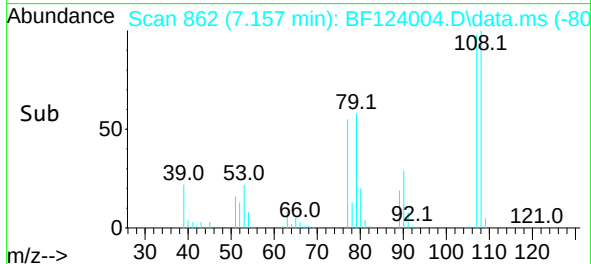
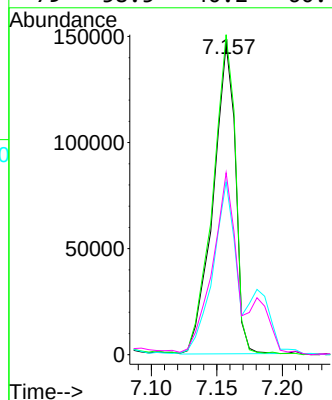
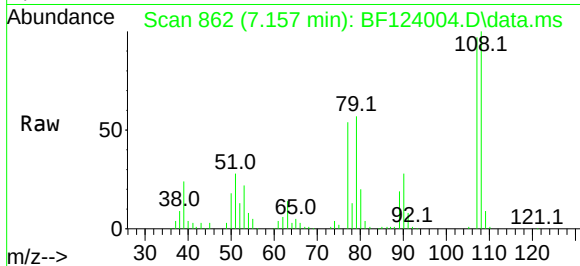




#17
2-Methylphenol
Concen: 39.26 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

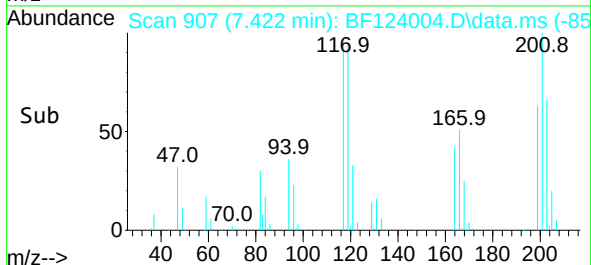
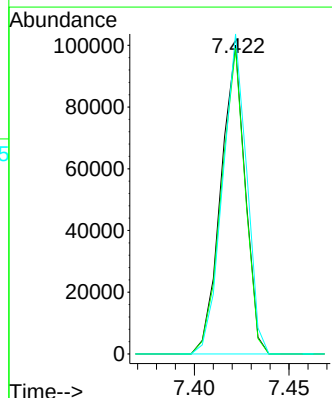
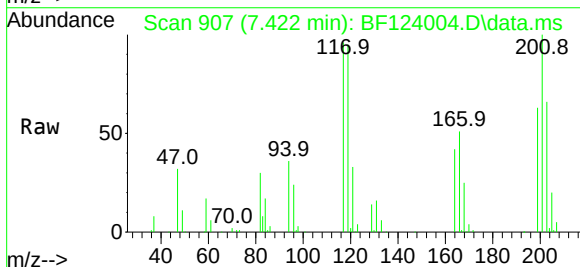
Instrument :
BNA_F
ClientSampleId :
PB136559BS

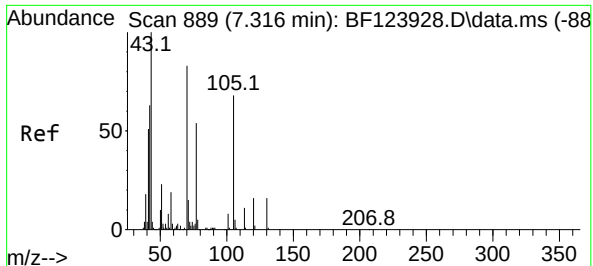
Tgt Ion:	107	Resp:	172767
Ion	Ratio	Lower	Upper
107	100		
108	102.9	89.8	134.8
77	55.6	40.9	61.3
79	58.5	40.2	60.4



#18
Hexachloroethane
Concen: 37.16 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:	117	Resp:	89066
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.8	116.8
201	103.7	67.8	101.8#





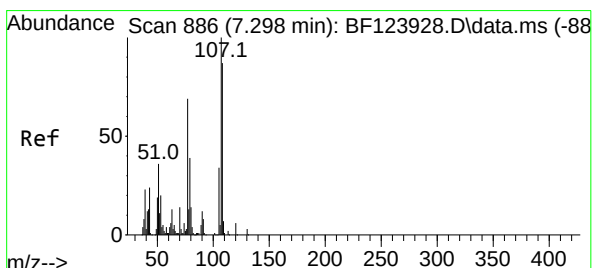
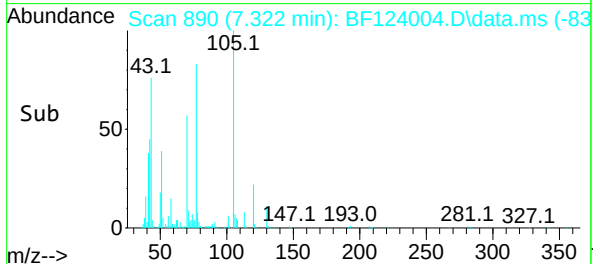
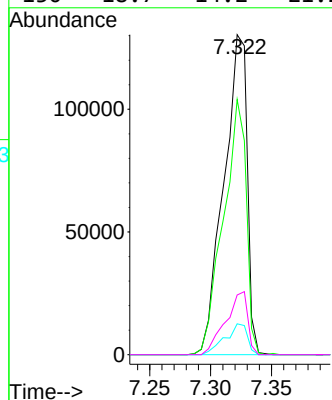
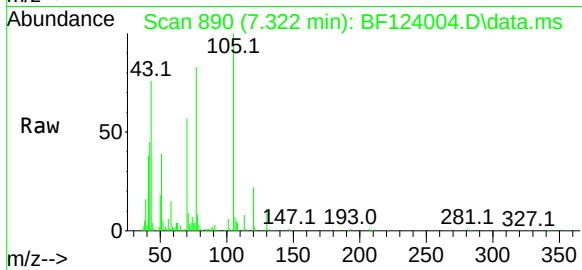
#19

n-Nitroso-di-n-propylamine
 Concen: 38.00 ng
 RT: 7.322 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

Instrument :
 BNA_F
 ClientSampled :
 PB136559BS

Tgt Ion: 70 Resp: 173669

Ion	Ratio	Lower	Upper
70	100		
42	79.8	60.1	90.1
101	9.7	7.4	11.2
130	18.7	14.2	21.2

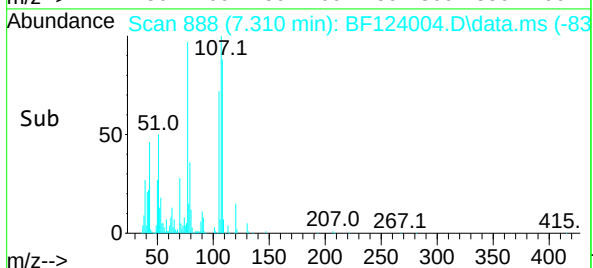
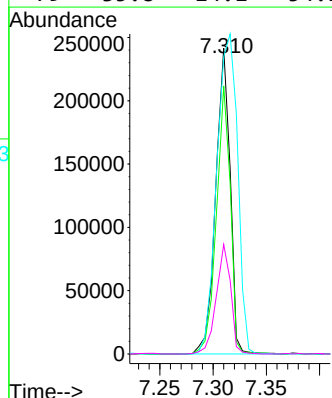
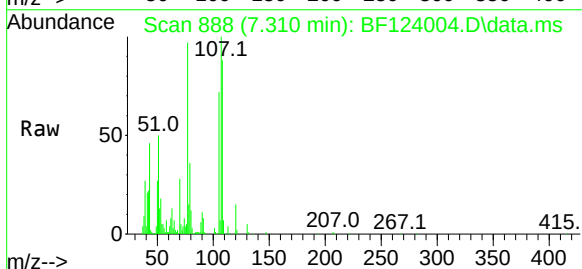


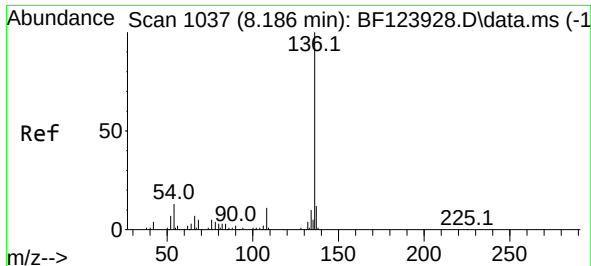
#20

3+4-Methylphenols
 Concen: 39.13 ng
 RT: 7.310 min Scan# 888
 Delta R.T. 0.012 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

Tgt Ion: 107 Resp: 226793

Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.5	111.5
77	97.2	82.0	122.0
79	35.8	14.1	54.1

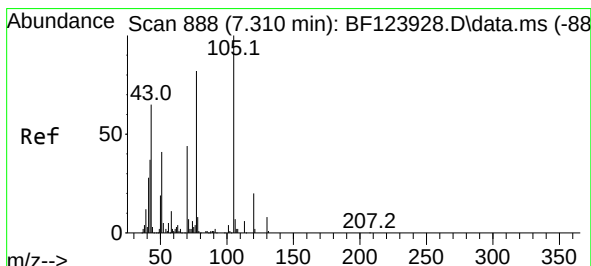
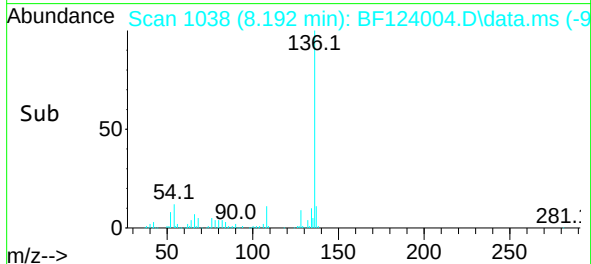
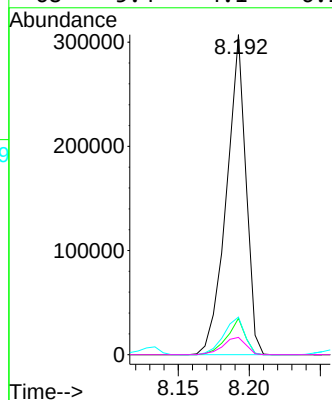
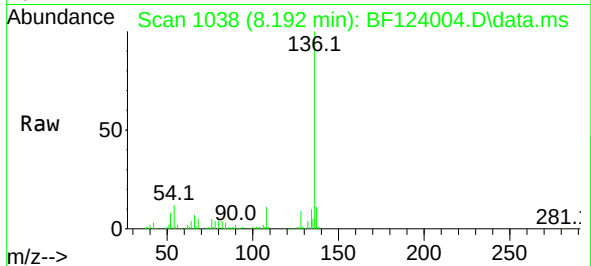




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

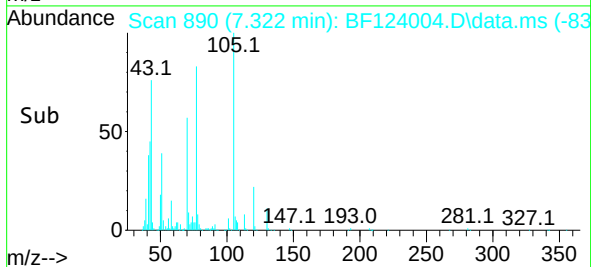
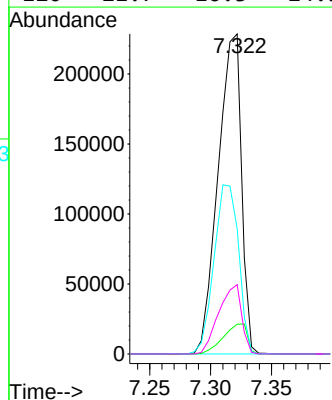
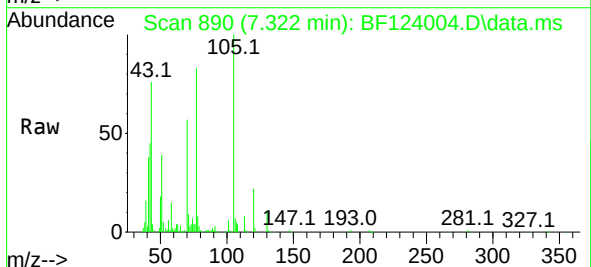
Instrument :
BNA_F
ClientSampleId :
PB136559BS

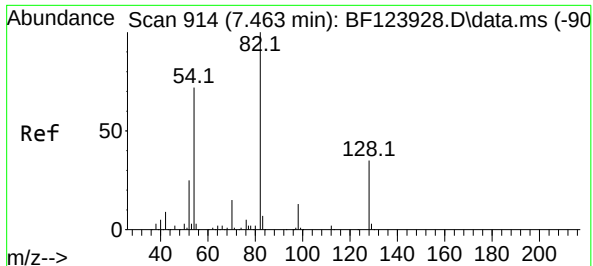
Tgt Ion:136	Resp: 291461
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 11.8	9.8 14.6
68 5.4	4.1 6.1



#22
Acetophenone
Concen: 36.93 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:105	Resp: 305679
Ion Ratio	Lower Upper
105 100	
71 9.3	4.2 6.4#
51 39.2	33.6 50.4
120 21.7	16.3 24.5





#23

Nitrobenzene-d5

Concen: 72.73 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

Instrument :

BNA_F

ClientSampleId :

PB136559BS

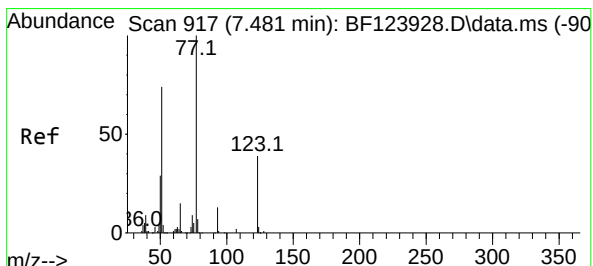
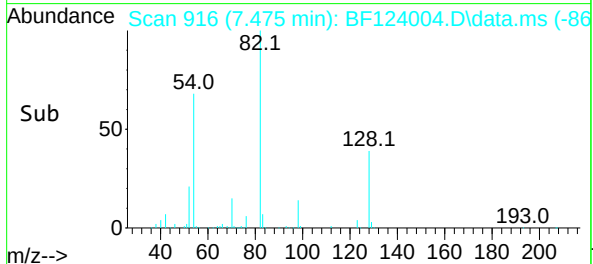
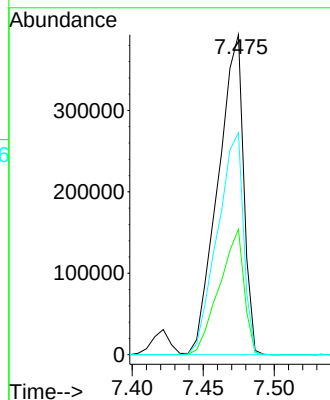
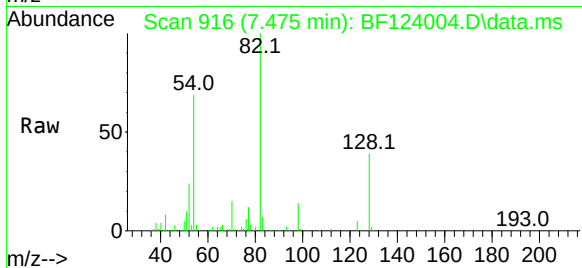
Tgt Ion: 82 Resp: 491975

Ion Ratio Lower Upper

82 100

128 39.2 29.4 44.2

54 69.3 54.1 81.1



#24

Nitrobenzene

Concen: 35.82 ng

RT: 7.492 min Scan# 919

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

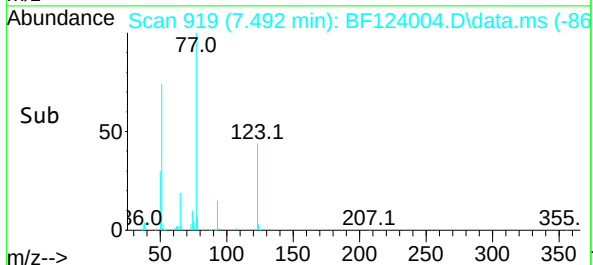
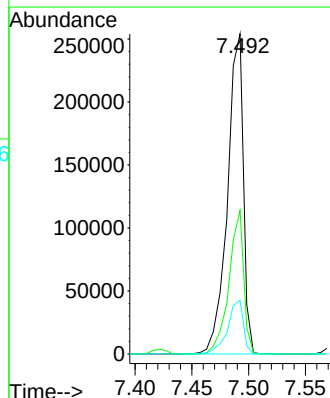
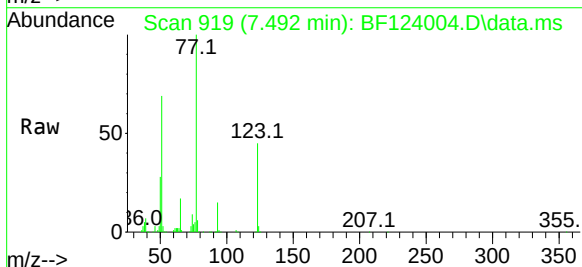
Tgt Ion: 77 Resp: 247786

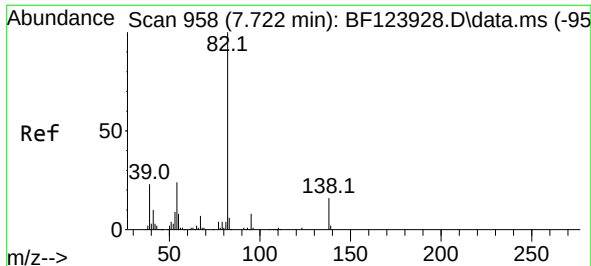
Ion Ratio Lower Upper

77 100

123 44.9 34.5 51.7

65 16.7 12.2 18.2

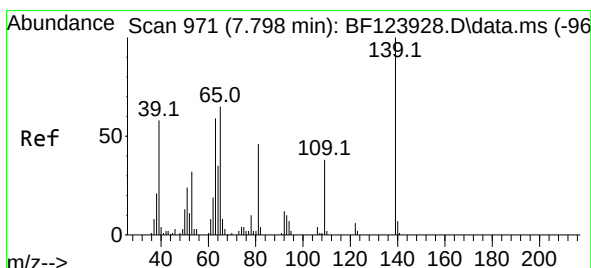
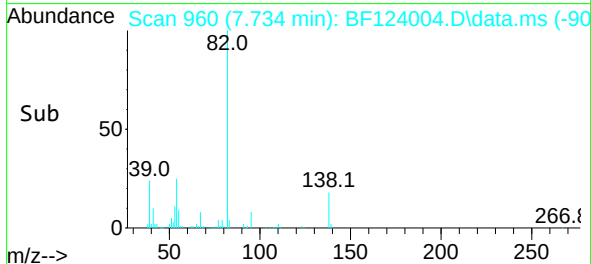
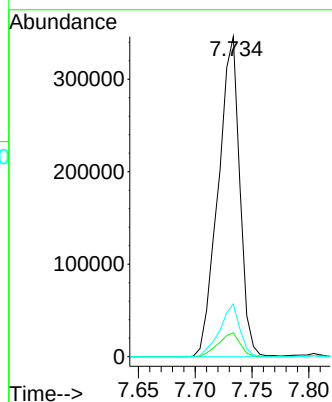
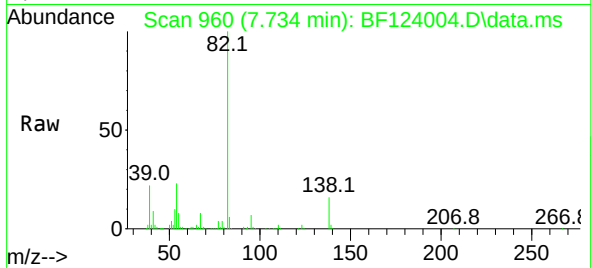




#25
Isophorone
Concen: 35.06 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

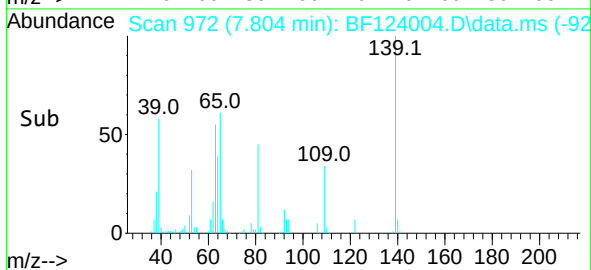
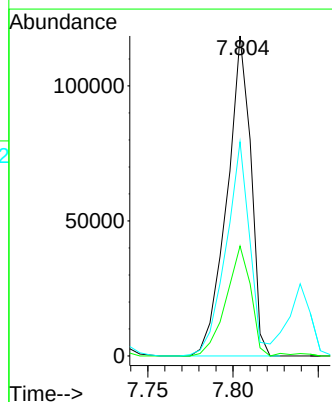
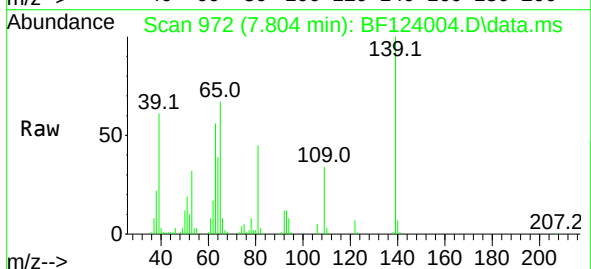
Instrument :
BNA_F
ClientSampleId :
PB136559BS

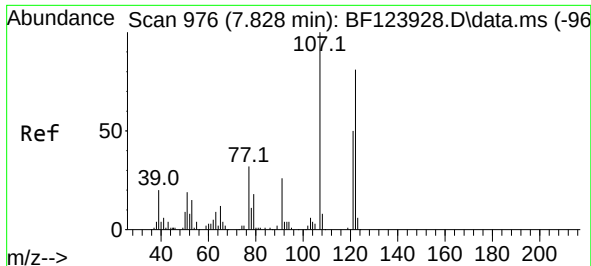
Tgt Ion: 82 Resp: 456268
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 16.4 11.8 17.8



#26
2-Nitrophenol
Concen: 44.33 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:139 Resp: 115333
Ion Ratio Lower Upper
139 100
109 34.3 28.6 43.0
65 67.0 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 38.00 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

Tgt Ion:122 Resp: 189334

Ion Ratio Lower Upper

122 100

107 124.7 106.3 159.5

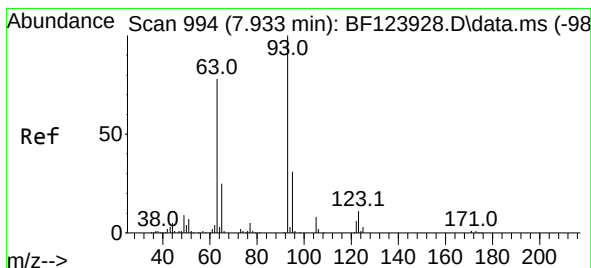
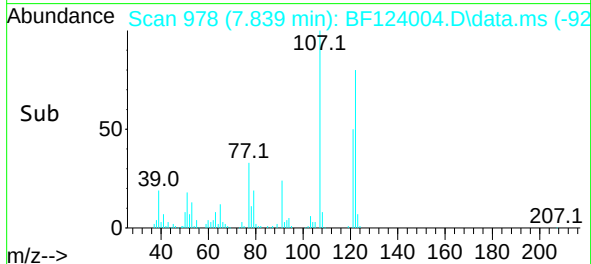
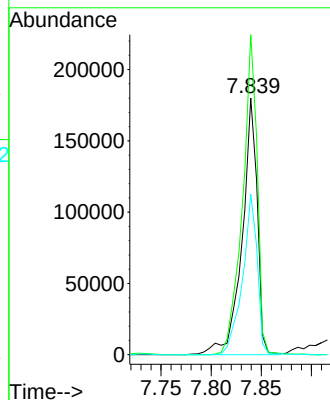
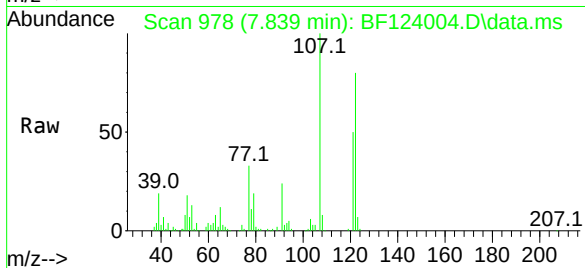
121 62.6 45.4 68.0

Instrument :

BNA_F

ClientSampleId :

PB136559BS



#28

bis(2-Chloroethoxy)methane

Concen: 38.81 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

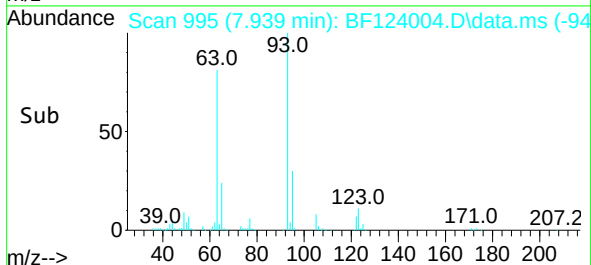
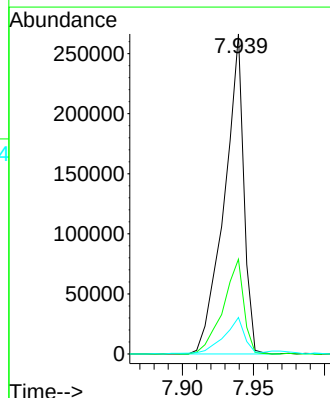
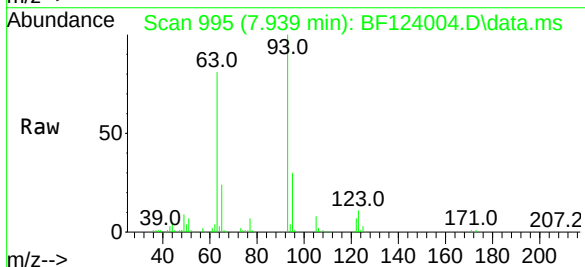
Tgt Ion: 93 Resp: 253937

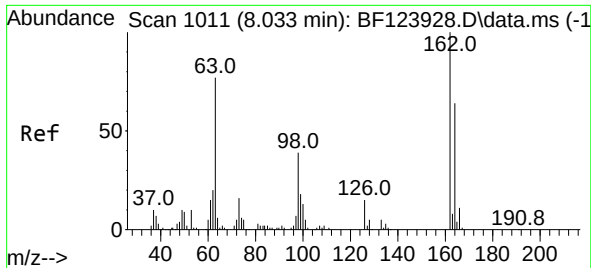
Ion Ratio Lower Upper

93 100

95 29.6 26.5 39.7

123 11.4 8.4 12.6

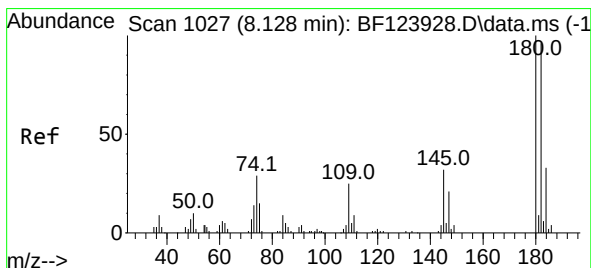
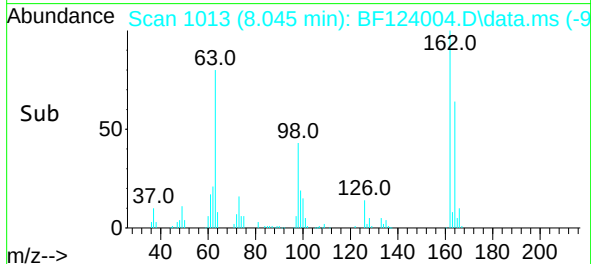
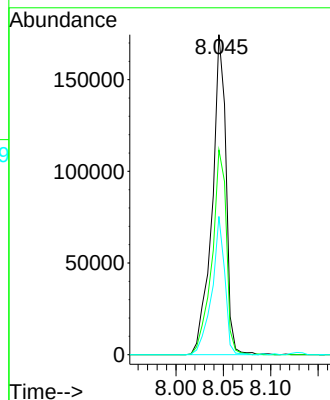
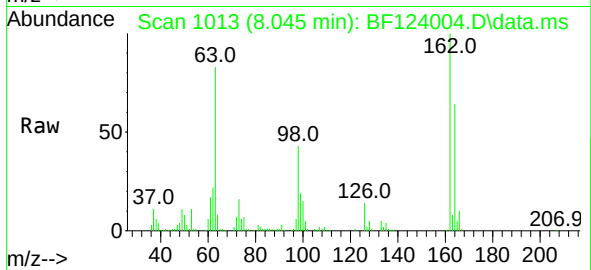




#29
2,4-Dichlorophenol
Concen: 35.27 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

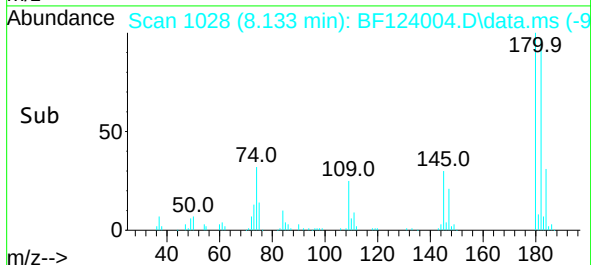
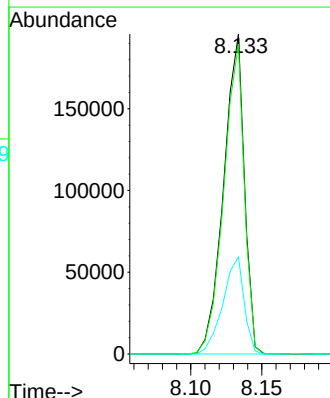
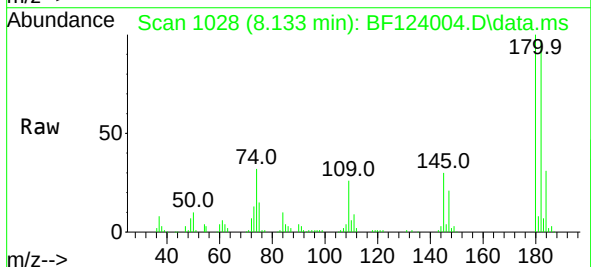
Instrument :
BNA_F
ClientSampleId :
PB136559BS

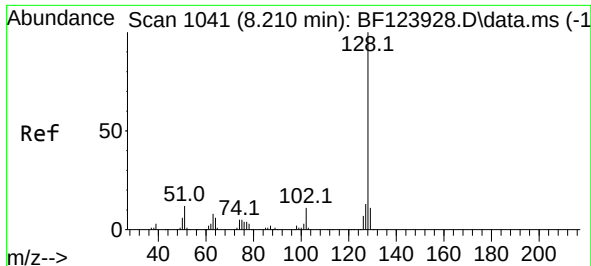
Tgt Ion:162 Resp: 177847
Ion Ratio Lower Upper
162 100
164 64.0 44.1 84.1
98 43.2 27.3 67.3



#30
1,2,4-Trichlorobenzene
Concen: 34.99 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

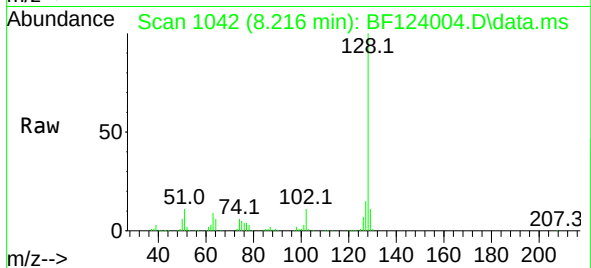
Tgt Ion:180 Resp: 198385
Ion Ratio Lower Upper
180 100
182 96.8 77.2 115.8
145 30.3 26.0 39.0



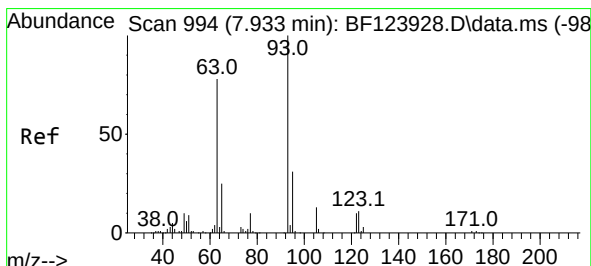
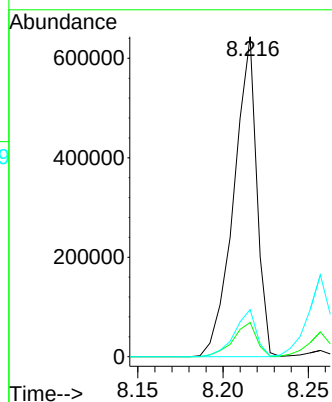
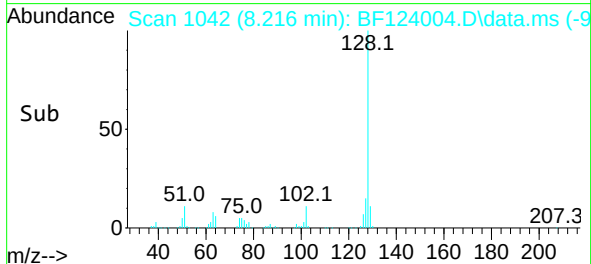


#31
Naphthalene
Concen: 34.88 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

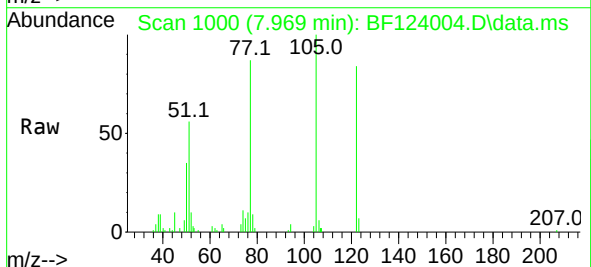
Instrument :
BNA_F
ClientSampleId :
PB136559BS



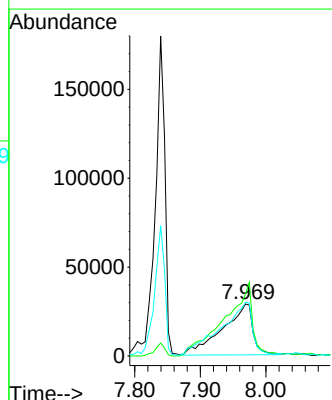
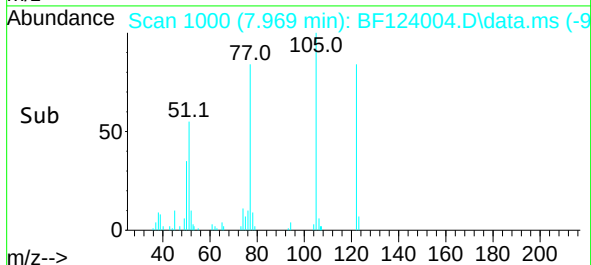
Tgt Ion:128 Resp: 601607
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 14.7 10.8 16.2

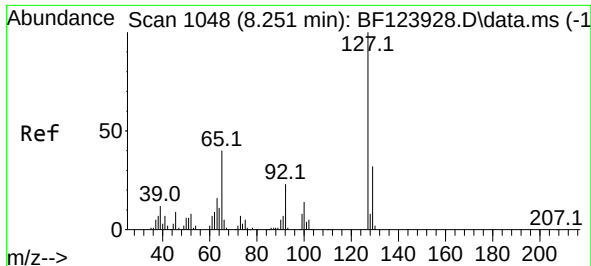


#32
Benzoic acid
Concen: 33.83 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.035 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16



Tgt Ion:122 Resp: 92496
Ion Ratio Lower Upper
122 100
105 119.1 107.8 147.8
77 103.1 81.6 121.6

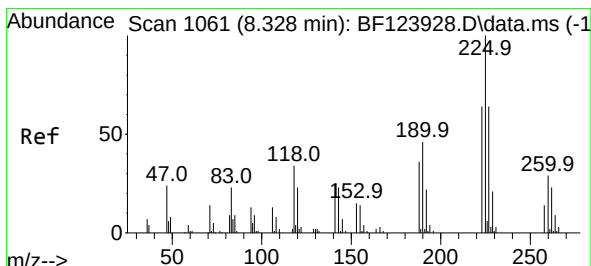
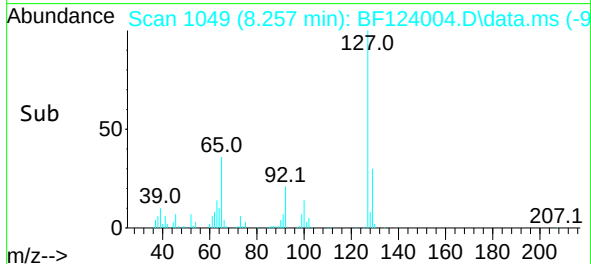
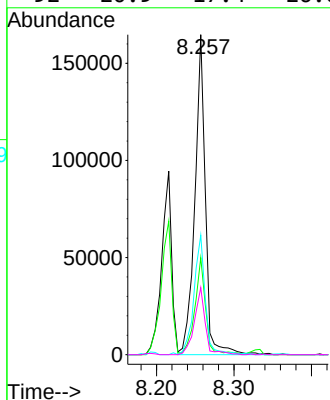
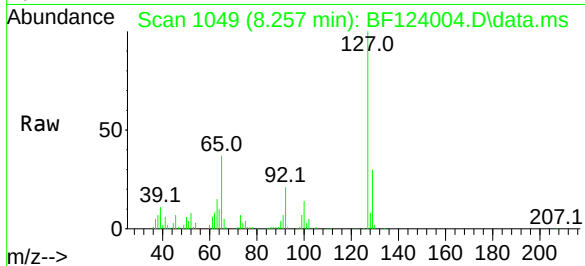




#33
4-Chloroaniline
Concen: 23.83 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

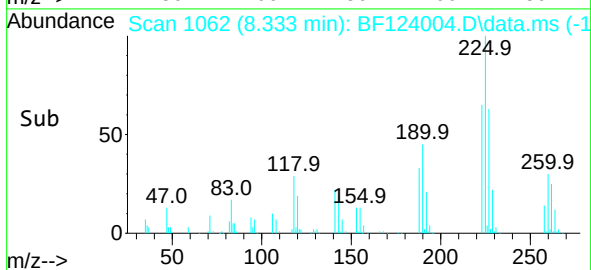
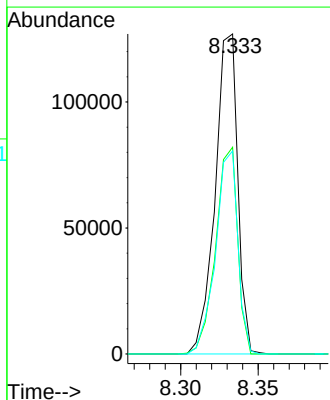
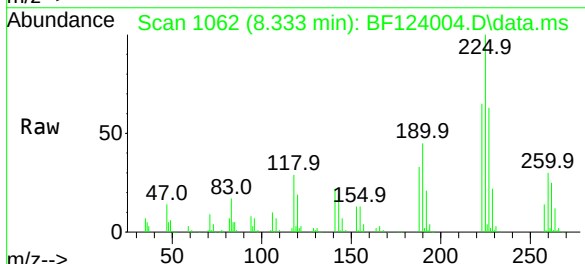
Instrument :
BNA_F
ClientSampleId :
PB136559BS

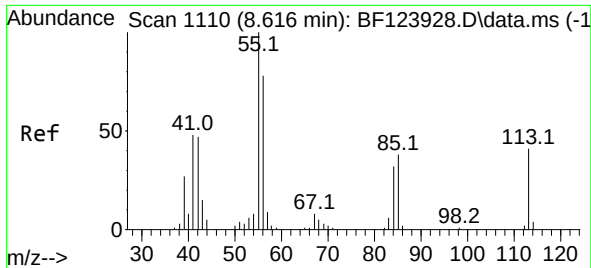
Tgt Ion:	127	Resp:	156464
Ion Ratio	Lower	Upper	
127	100		
129	30.3	25.7	38.5
65	37.4	34.5	51.7
92	20.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 34.70 ng
RT: 8.333 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:	225	Resp:	128798
Ion Ratio	Lower	Upper	
225	100		
223	64.6	50.4	75.6
227	63.5	51.4	77.0

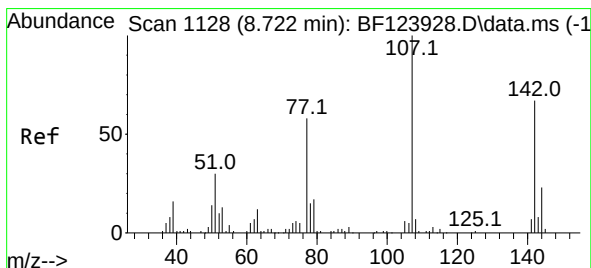
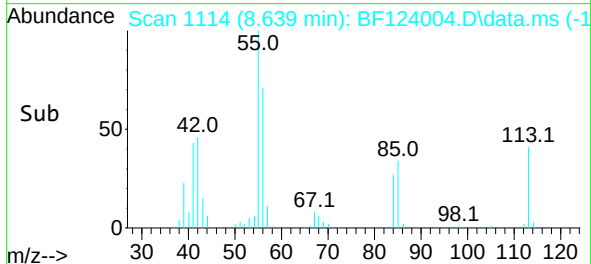
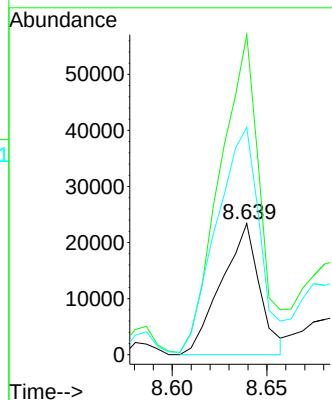
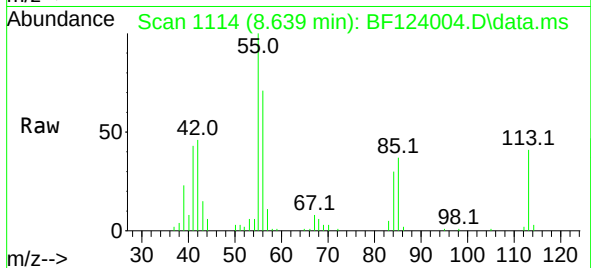




#35
 Caprolactam
 Concen: 23.88 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.024 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

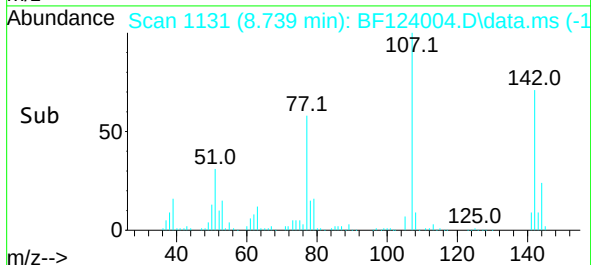
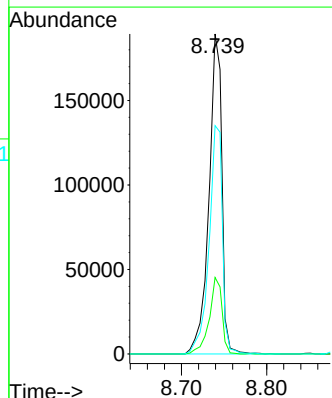
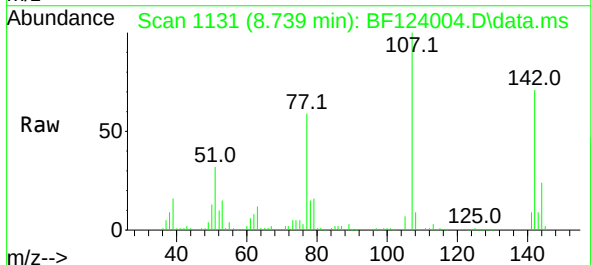
Instrument :
 BNA_F
 ClientSampled :
 PB136559BS

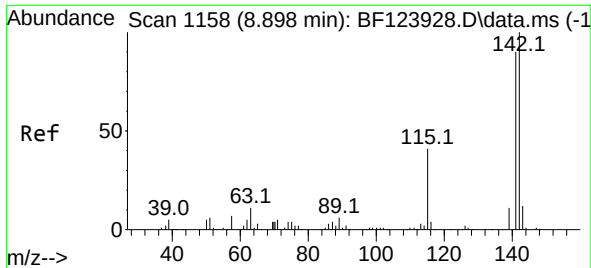
Tgt Ion:113 Resp: 32783
 Ion Ratio Lower Upper
 113 100
 55 243.8 254.9 294.9#
 56 173.2 179.4 219.4#



#36
 4-Chloro-3-methylphenol
 Concen: 36.15 ng
 RT: 8.739 min Scan# 1131
 Delta R.T. 0.018 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

Tgt Ion:107 Resp: 199380
 Ion Ratio Lower Upper
 107 100
 144 23.9 16.3 24.5
 142 71.3 50.1 75.1

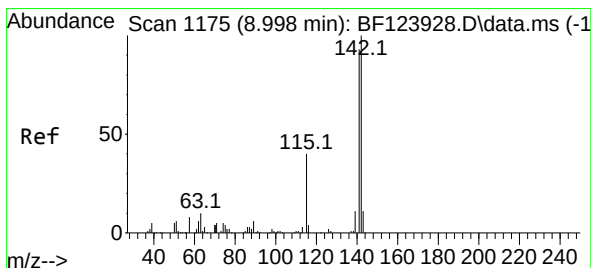
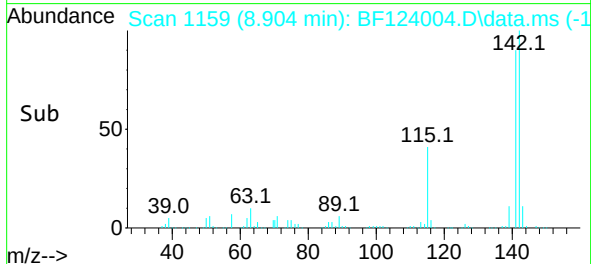
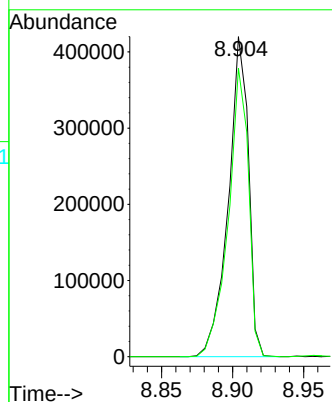
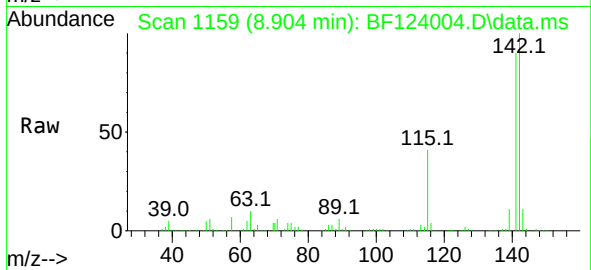




#37
2-Methylnaphthalene
Concen: 35.39 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

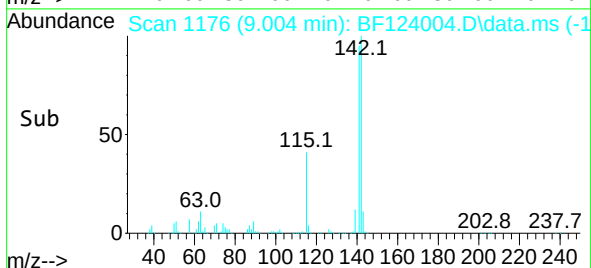
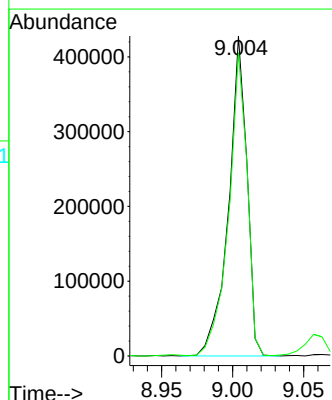
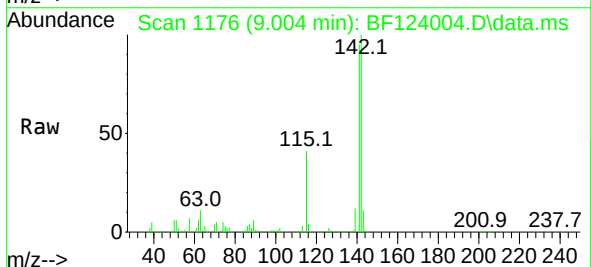
Instrument :
BNA_F
ClientSampleId :
PB136559BS

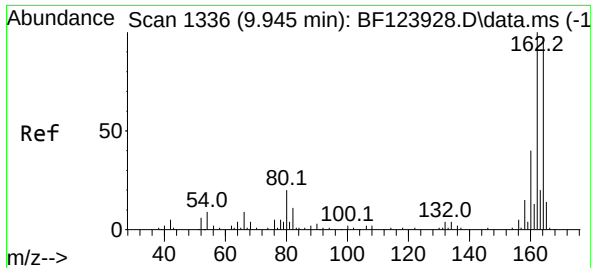
Tgt Ion:142 Resp: 413763
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#38
1-Methylnaphthalene
Concen: 35.26 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:142 Resp: 384689
Ion Ratio Lower Upper
142 100
141 94.8 72.8 109.2

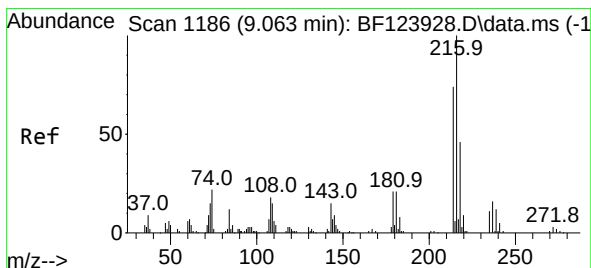
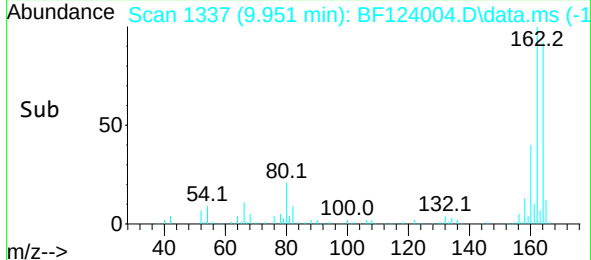
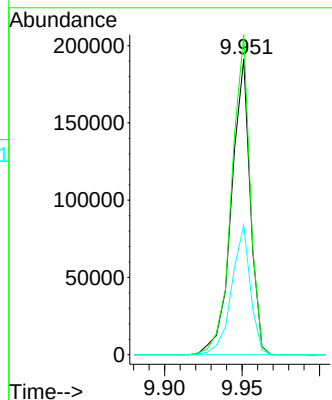
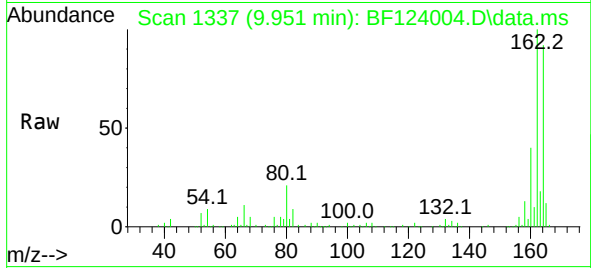




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

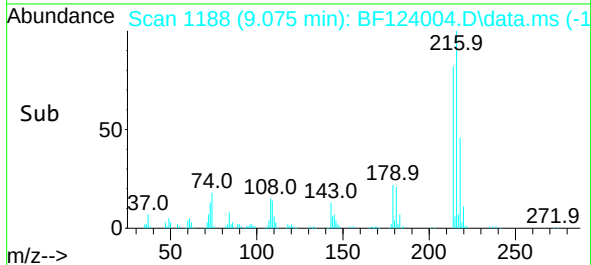
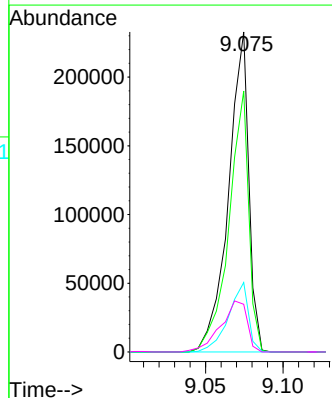
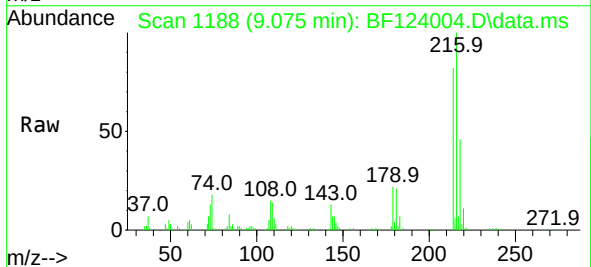
Instrument :
BNA_F
ClientSampleId :
PB136559BS

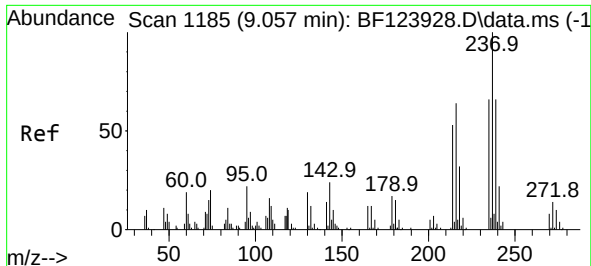
Tgt Ion:164 Resp: 161250
Ion Ratio Lower Upper
164 100
162 108.3 80.7 121.1
160 43.8 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.43 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

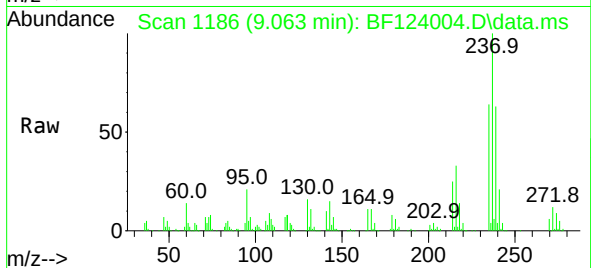
Tgt Ion:216 Resp: 211868
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 21.5 17.9 26.9
108 20.7 18.6 28.0



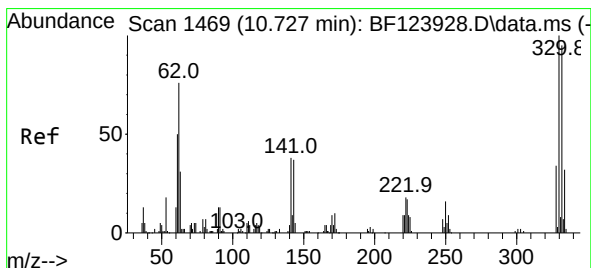
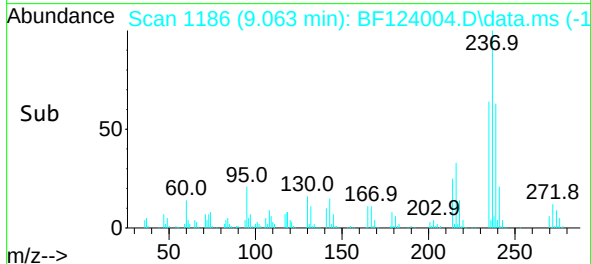
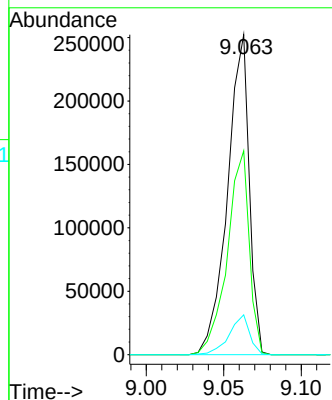


#41
Hexachlorocyclopentadiene
Concen: 66.45 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Instrument :
BNA_F
ClientSampleId :
PB136559BS

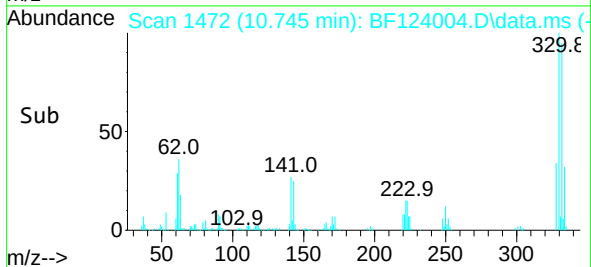
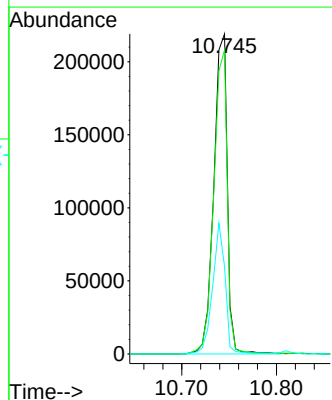
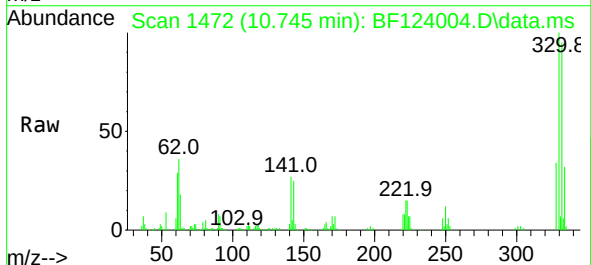


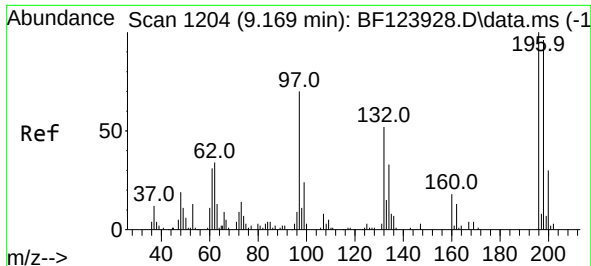
Tgt Ion:237 Resp: 245802
Ion Ratio Lower Upper
237 100
235 63.7 38.8 78.8
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 112.21 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.018 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:330 Resp: 217329
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 37.8 27.9 41.9

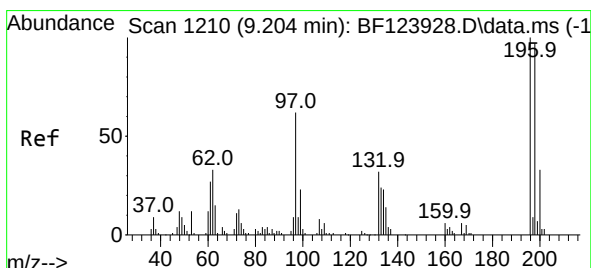
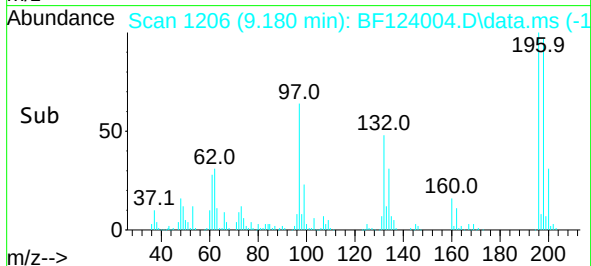
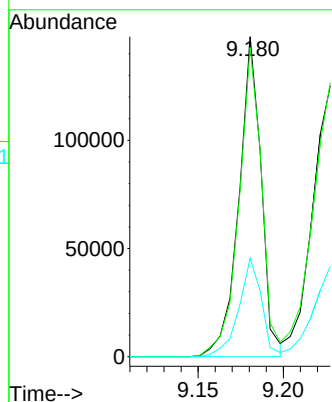
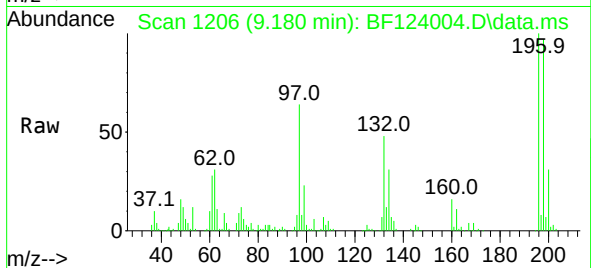




#43
2,4,6-Trichlorophenol
Concen: 35.64 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

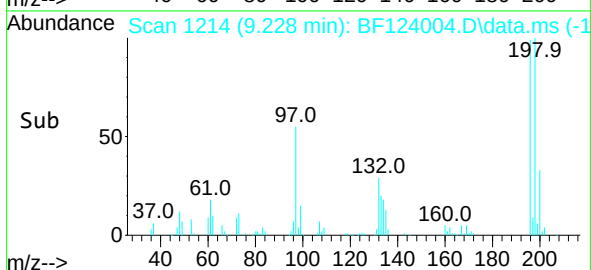
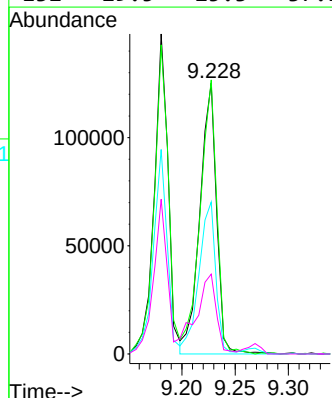
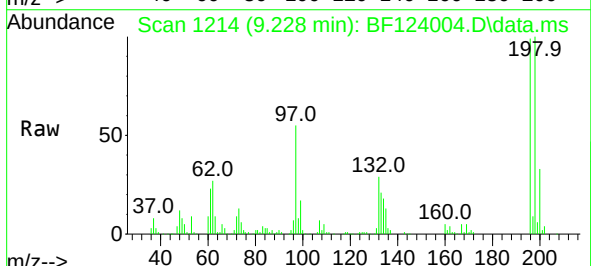
Instrument :
BNA_F
ClientSampled :
PB136559BS

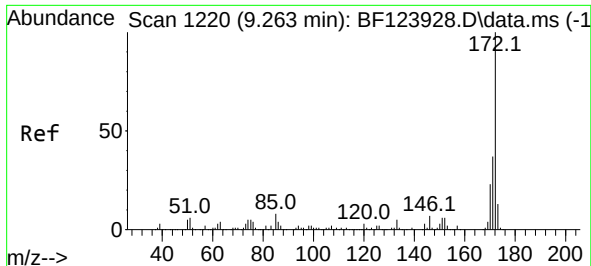
Tgt Ion:196 Resp: 134501
Ion Ratio Lower Upper
196 100
198 96.6 78.2 117.2
200 30.8 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 34.94 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.024 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:196 Resp: 136984
Ion Ratio Lower Upper
196 100
198 101.2 76.5 114.7
97 56.1 52.9 79.3
132 29.5 25.3 37.9

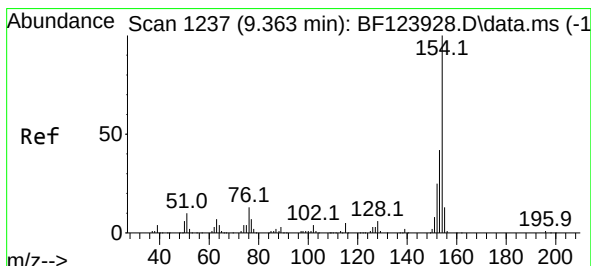
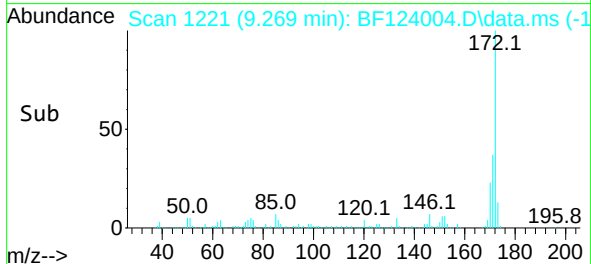
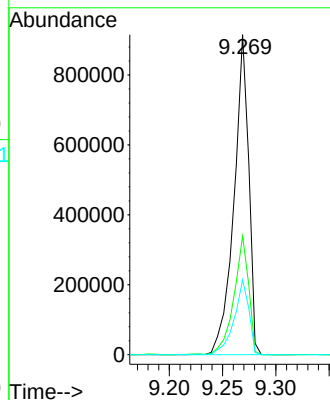
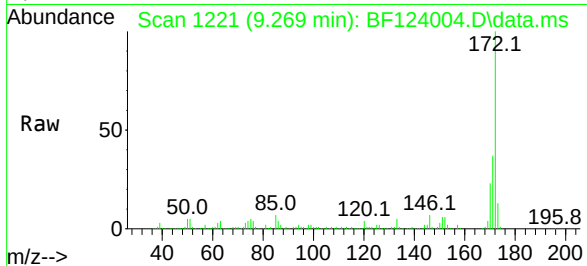




#45
2-Fluorobiphenyl
Concen: 67.03 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

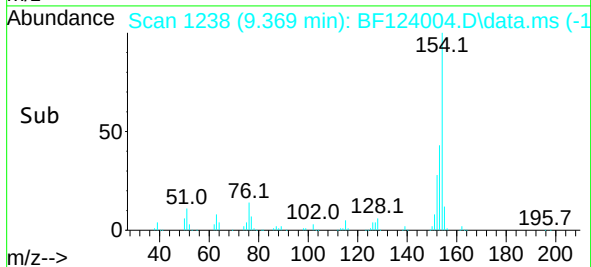
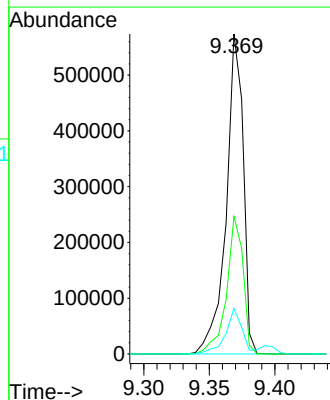
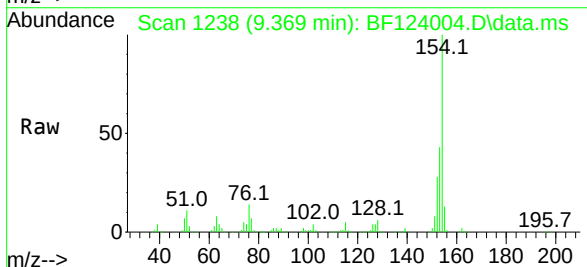
Instrument :
BNA_F
ClientSampleId :
PB136559BS

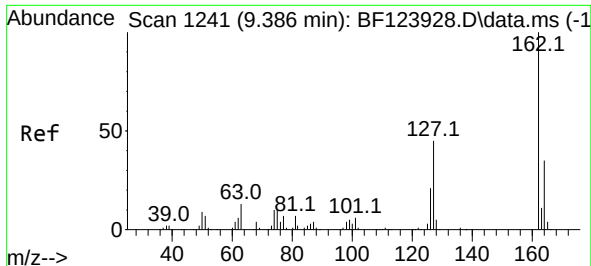
Tgt Ion:172 Resp: 878350
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.3 19.2 28.8



#46
1,1'-Biphenyl
Concen: 36.41 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:154 Resp: 517187
Ion Ratio Lower Upper
154 100
153 43.0 20.7 60.7
76 14.2 0.0 31.7

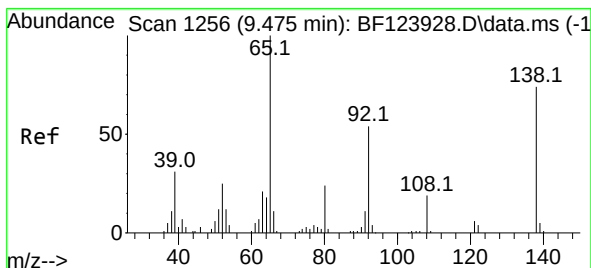
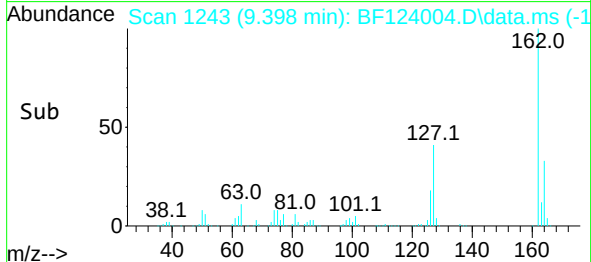
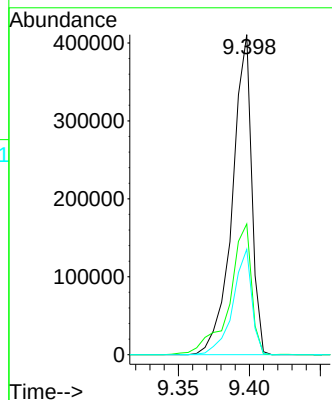
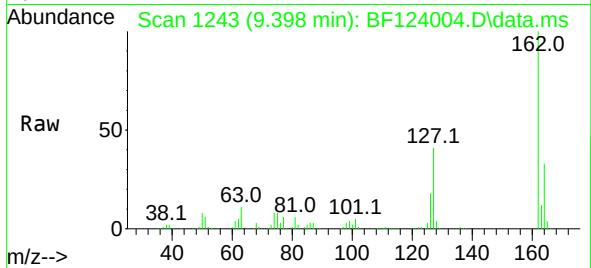




#47
2-Chloronaphthalene
Concen: 34.52 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

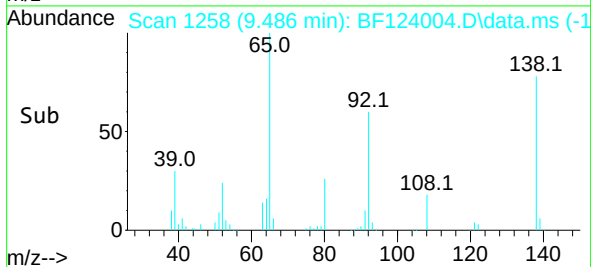
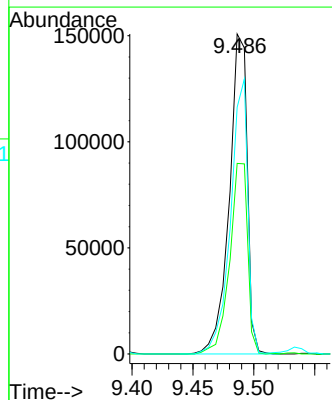
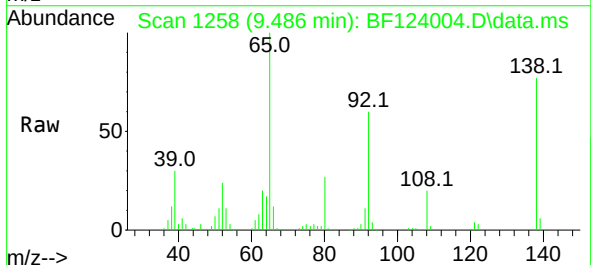
Instrument :
BNA_F
ClientSampled :
PB136559BS

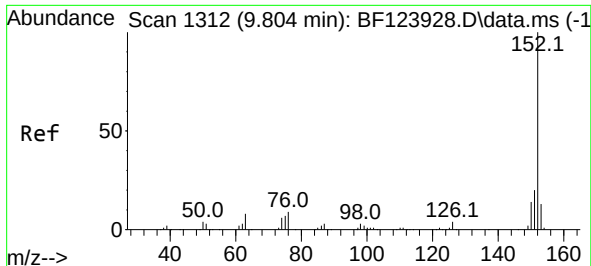
Tgt Ion:162 Resp: 389427
Ion Ratio Lower Upper
162 100
127 40.9 36.2 54.2
164 32.9 25.4 38.2



#48
2-Nitroaniline
Concen: 40.74 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion: 65 Resp: 155211
Ion Ratio Lower Upper
65 100
92 59.6 47.1 70.7
138 77.1 70.2 105.2





#49

Acenaphthylene

Concen: 37.31 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

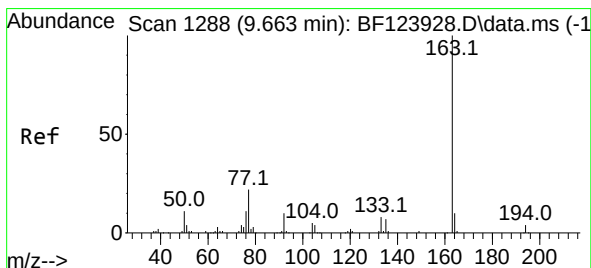
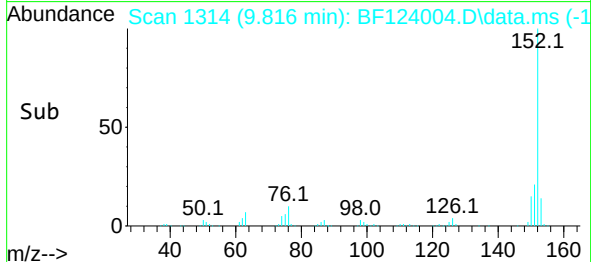
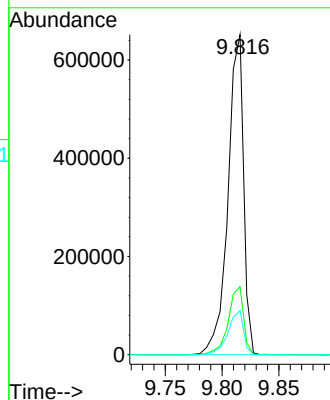
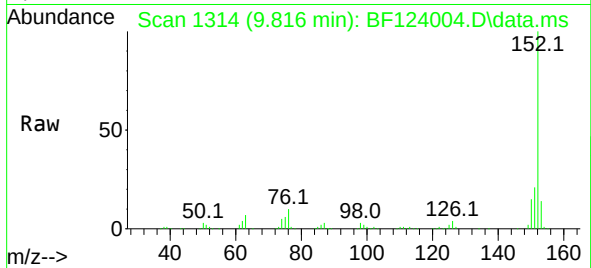
Tgt Ion:152 Resp: 621894

Ion Ratio Lower Upper

152 100

151 21.3 16.0 24.0

153 13.8 10.4 15.6



#50

Dimethylphthalate

Concen: 36.79 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

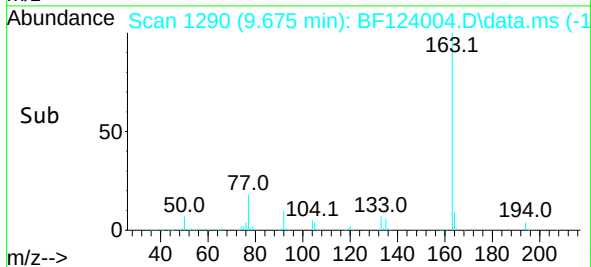
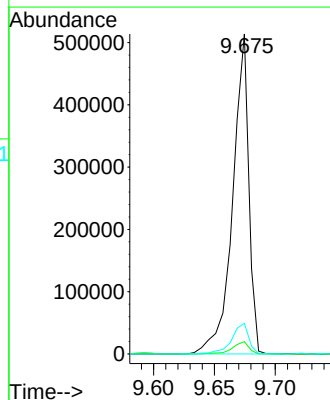
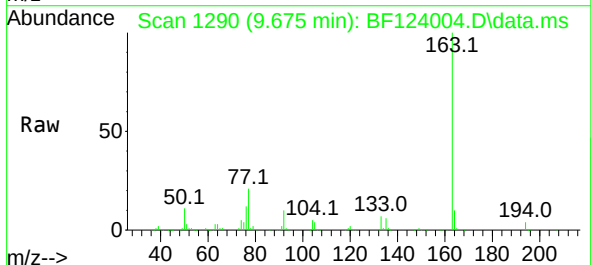
Tgt Ion:163 Resp: 473683

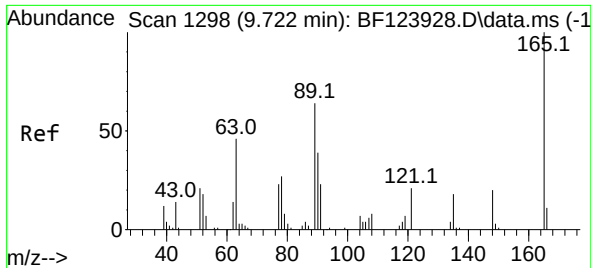
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.6 8.2 12.2

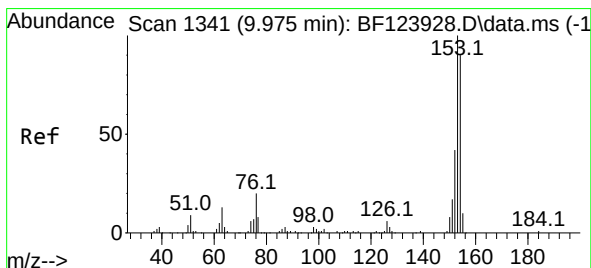
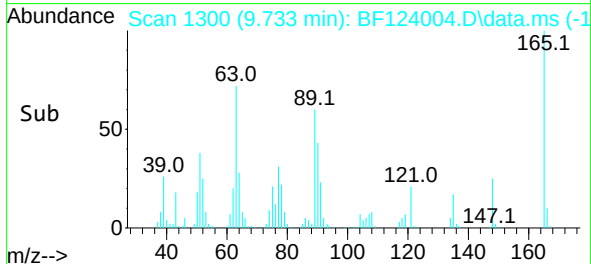
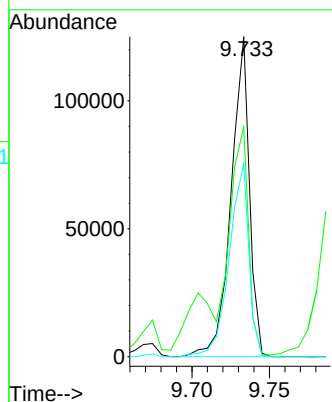
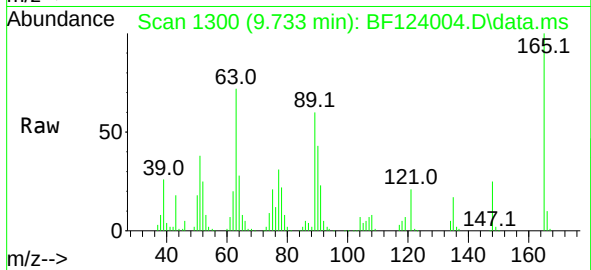




#51
2,6-Dinitrotoluene
Concen: 39.50 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

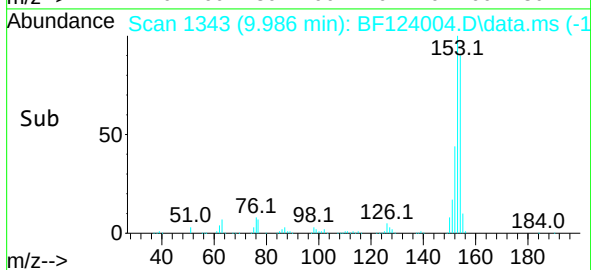
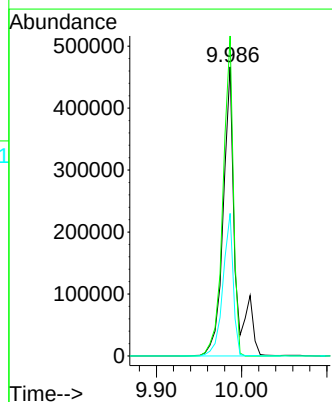
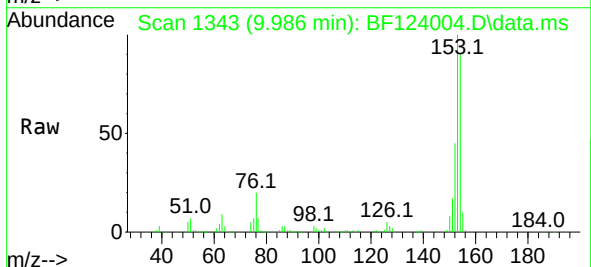
Instrument :
BNA_F
ClientSampled :
PB136559BS

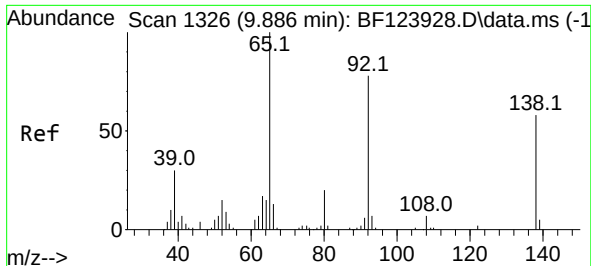
Tgt Ion:165 Resp: 102860
Ion Ratio Lower Upper
165 100
63 71.7 67.7 101.5
89 60.4 58.8 88.2



#52
Acenaphthene
Concen: 40.50 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:154 Resp: 462132
Ion Ratio Lower Upper
154 100
153 110.7 88.1 132.1
152 49.3 43.4 65.0

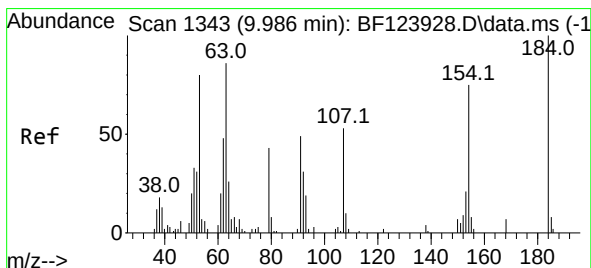
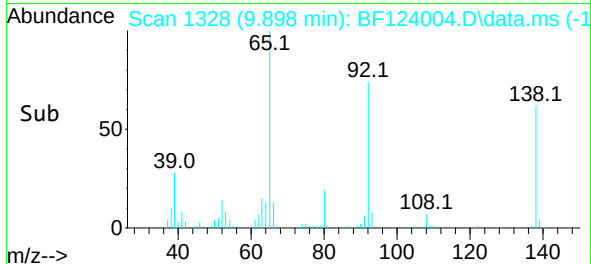
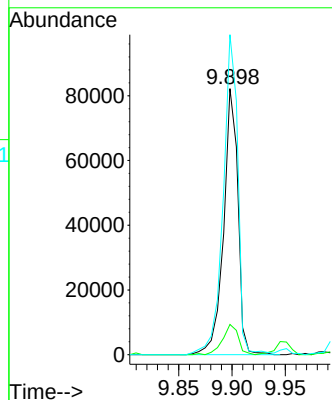
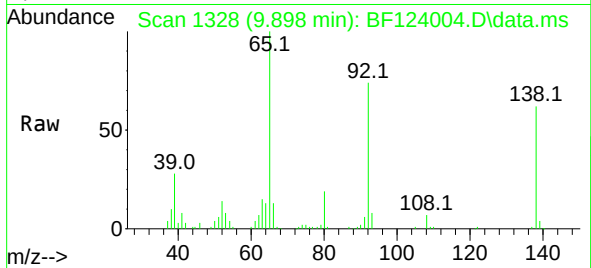




#53
3-Nitroaniline
Concen: 29.54 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

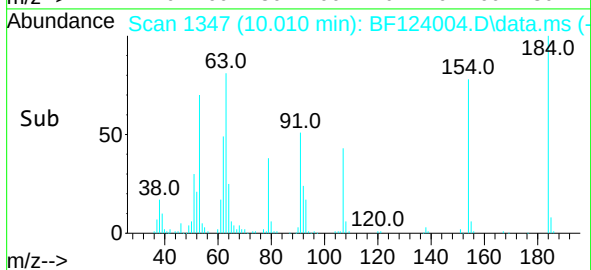
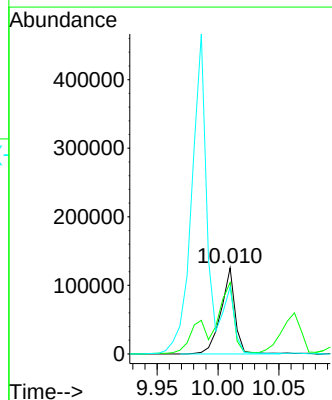
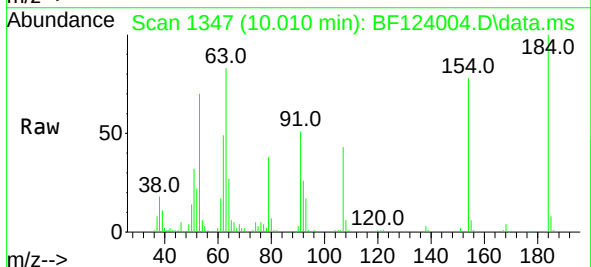
Instrument :
BNA_F
ClientSampleId :
PB136559BS

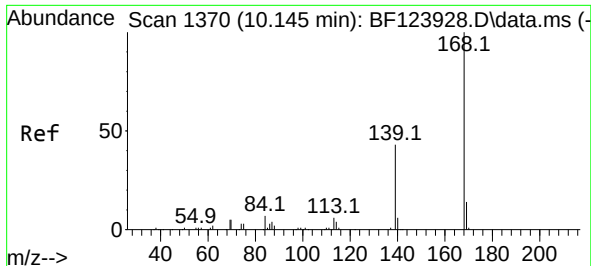
Tgt Ion:138 Resp: 76439
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.4
92 120.3 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 73.66 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.024 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

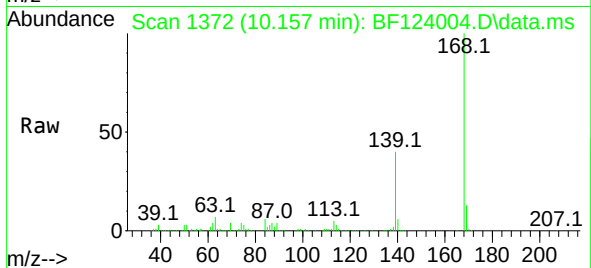
Tgt Ion:184 Resp: 102222
Ion Ratio Lower Upper
184 100
63 82.8 73.5 110.3
154 77.7 52.5 78.7



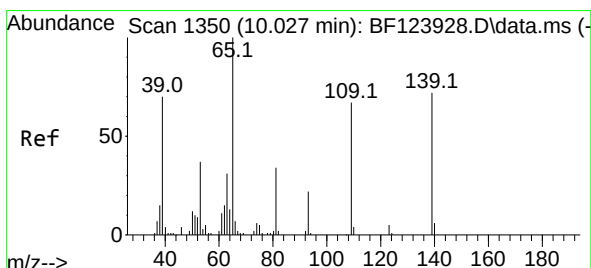
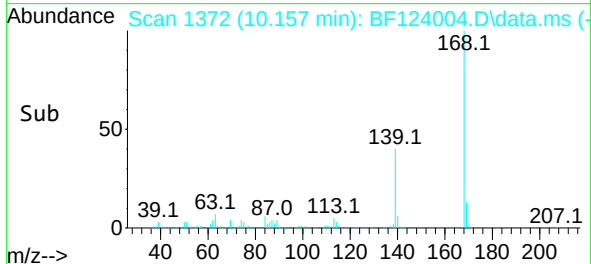
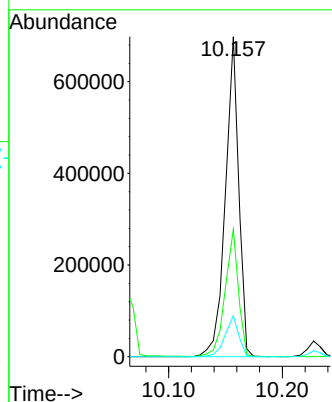


#55
Dibenzenofuran
Concen: 34.86 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Instrument :
BNA_F
ClientSampled :
PB136559BS

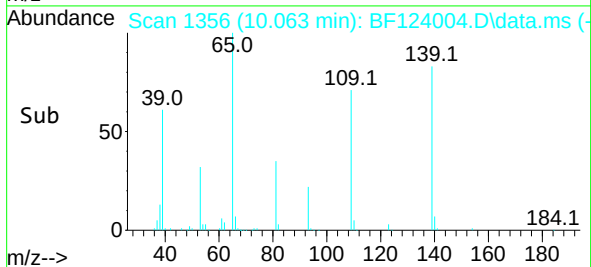
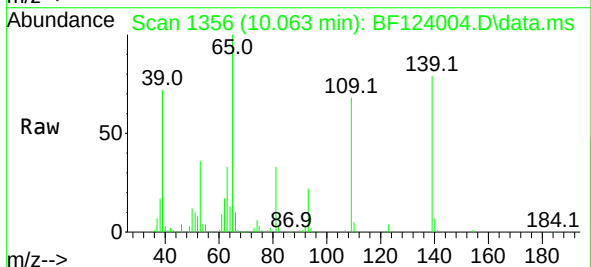
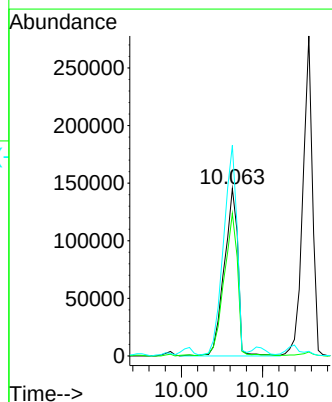


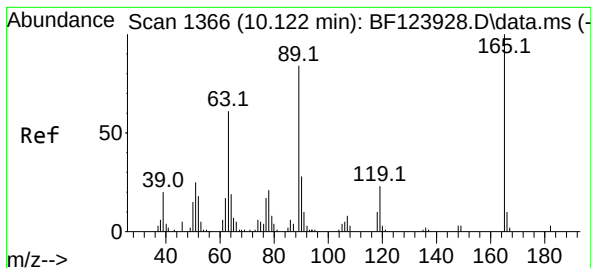
Tgt Ion:168 Resp: 571246
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 79.63 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.035 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:139 Resp: 170440
Ion Ratio Lower Upper
139 100
109 85.1 63.2 103.2
65 125.8 110.0 150.0

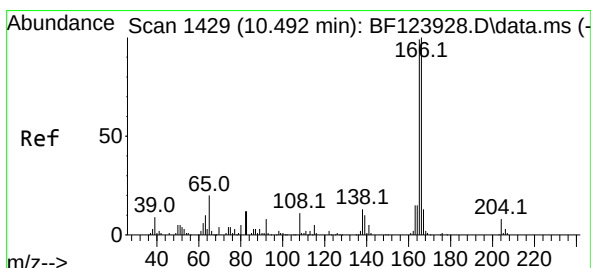
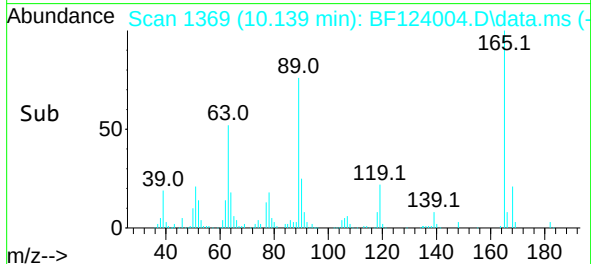
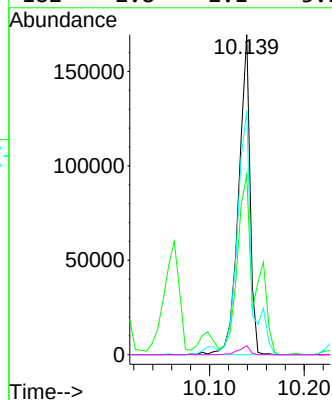
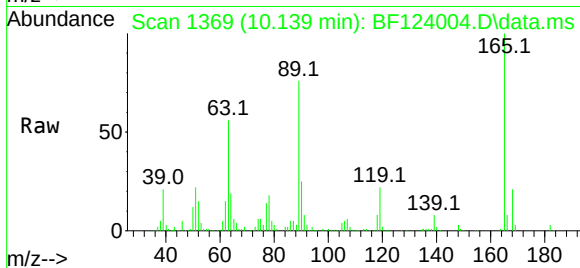




#57
2,4-Dinitrotoluene
Concen: 44.23 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.018 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

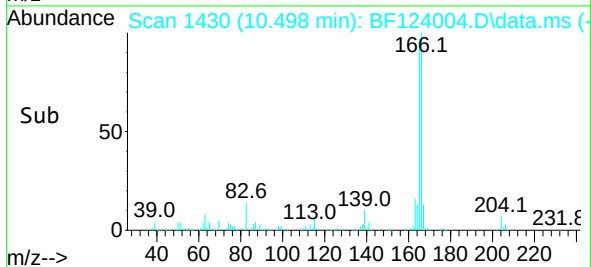
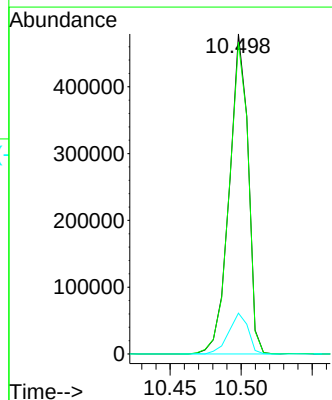
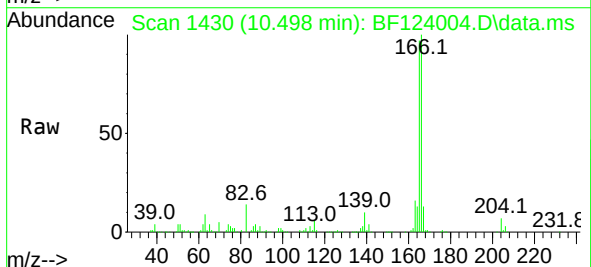
Instrument :
BNA_F
ClientSampled :
PB136559BS

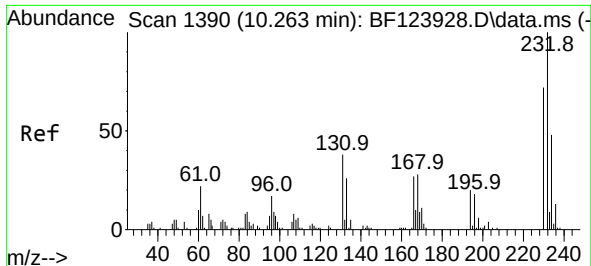
Tgt Ion:165 Resp: 141257
Ion Ratio Lower Upper
165 100
63 56.2 43.5 65.3
89 76.2 67.7 101.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 35.74 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:166 Resp: 441307
Ion Ratio Lower Upper
166 100
165 97.4 73.5 110.3
167 12.7 10.7 16.1

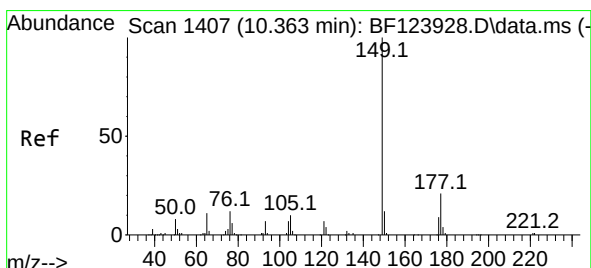
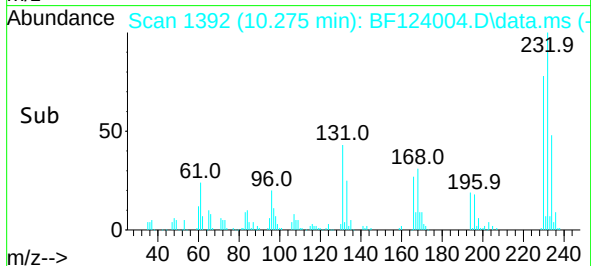
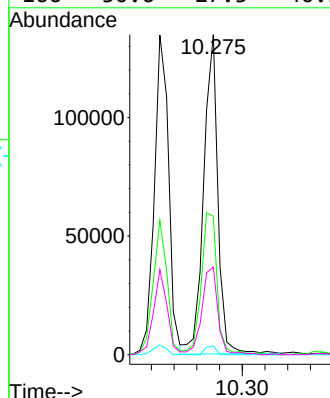
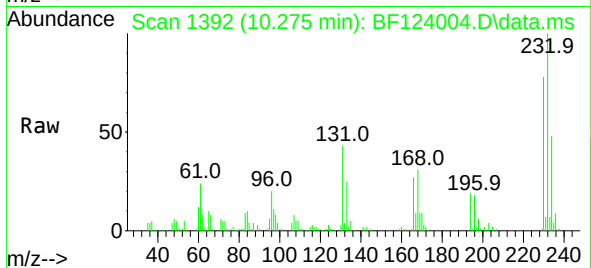




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.25 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

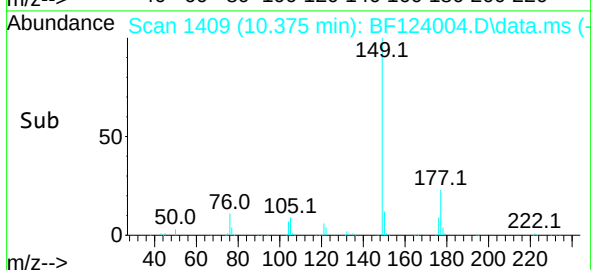
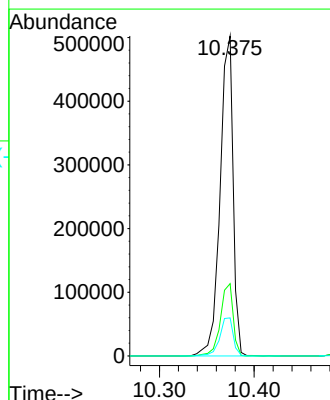
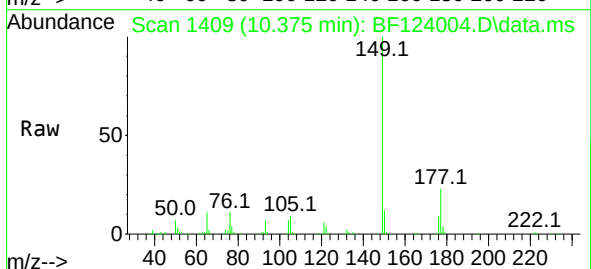
Instrument :
BNA_F
ClientSampleId :
PB136559BS

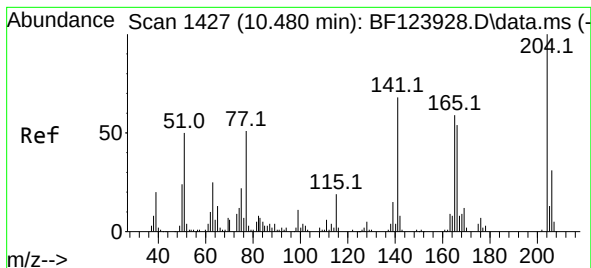
Tgt Ion:232 Resp: 116860
Ion Ratio Lower Upper
232 100
131 49.9 43.2 64.8
130 2.1 2.2 3.2#
166 30.6 27.3 40.9



#60
Diethylphthalate
Concen: 37.64 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:149 Resp: 480017
Ion Ratio Lower Upper
149 100
177 22.6 15.4 23.2
150 11.9 9.9 14.9

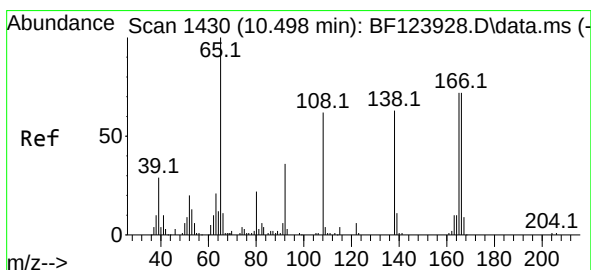
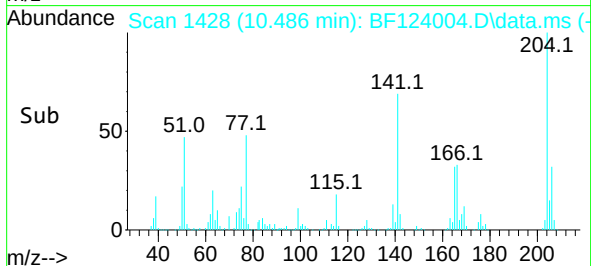
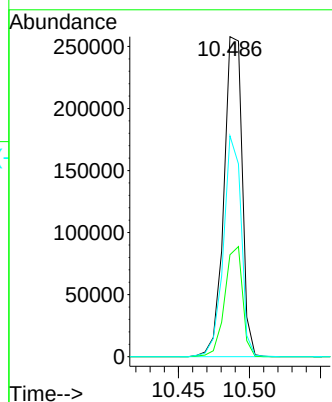
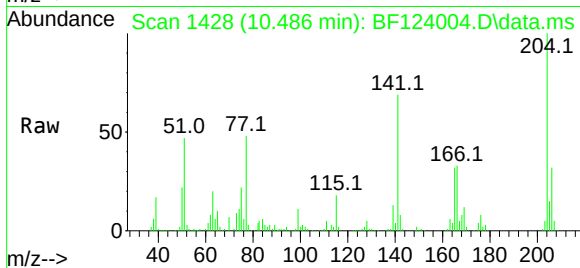




#61
4-Chlorophenyl-phenylether
Concen: 37.15 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

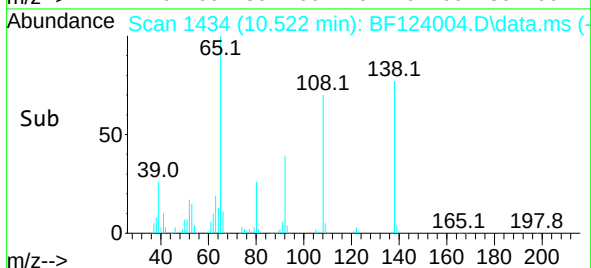
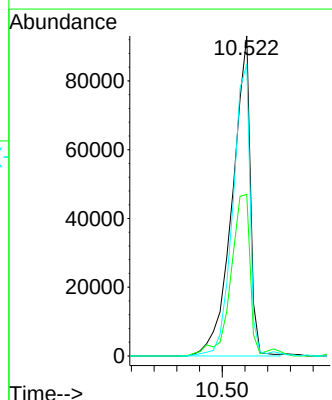
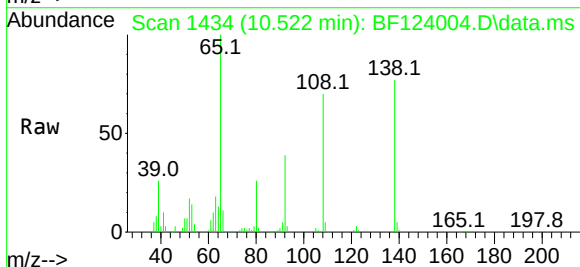
Instrument :
BNA_F
ClientSampled :
PB136559BS

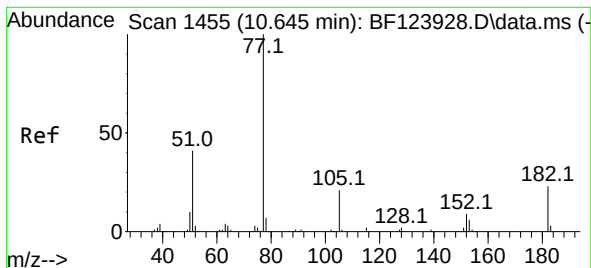
Tgt Ion:204 Resp: 229894
Ion Ratio Lower Upper
204 100
206 31.9 25.7 38.5
141 69.0 55.5 83.3



#62
4-Nitroaniline
Concen: 39.59 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.024 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:138 Resp: 101897
Ion Ratio Lower Upper
138 100
92 50.5 35.8 75.8
108 91.0 63.6 103.6





#63

Azobenzene

Concen: 34.01 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

Tgt Ion: 77 Resp: 482358

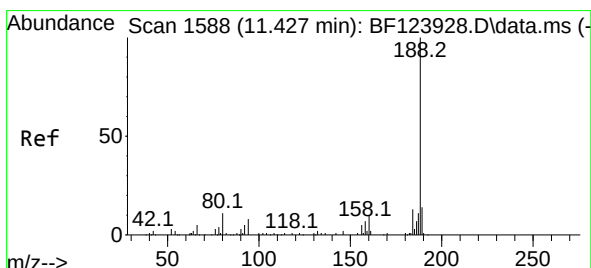
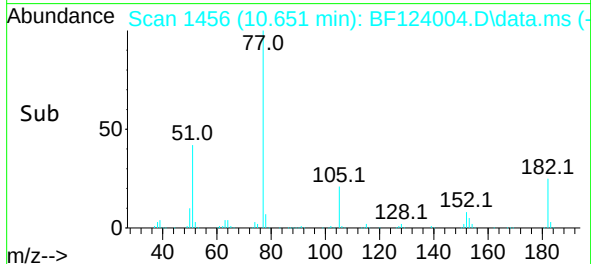
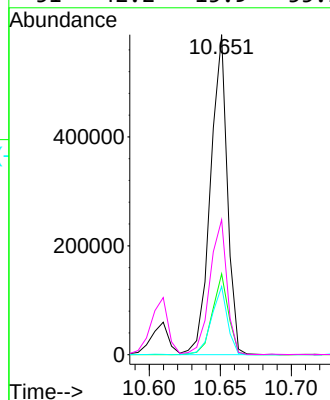
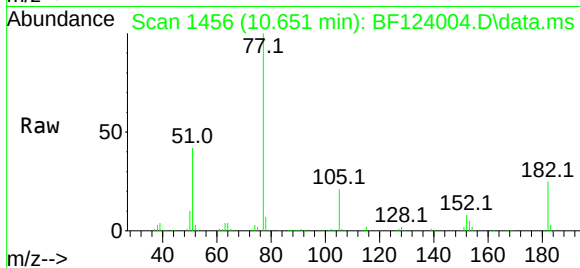
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 21.3 1.7 41.7

51 42.2 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

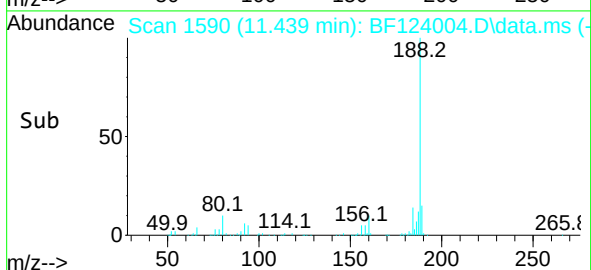
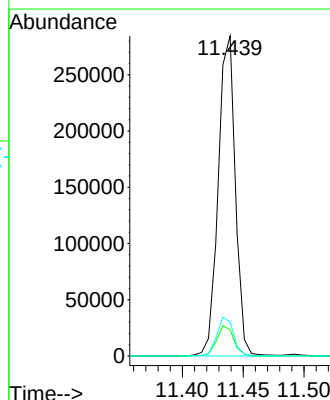
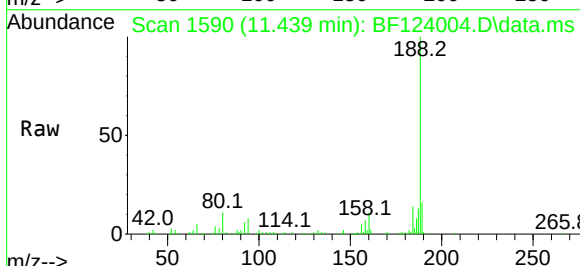
Tgt Ion: 188 Resp: 279207

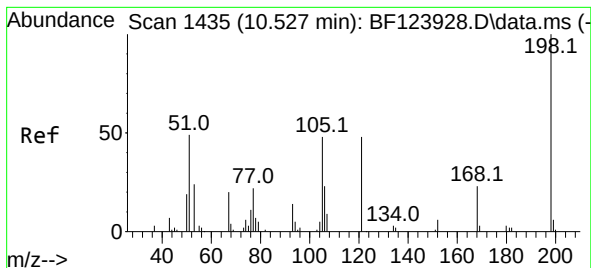
Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 10.7 8.2 12.2

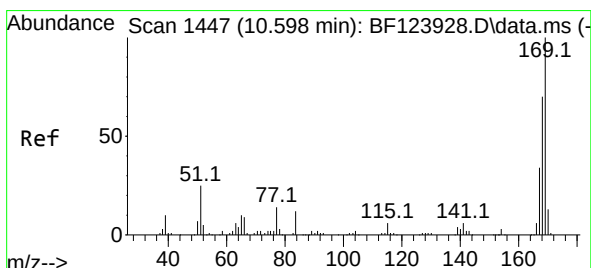
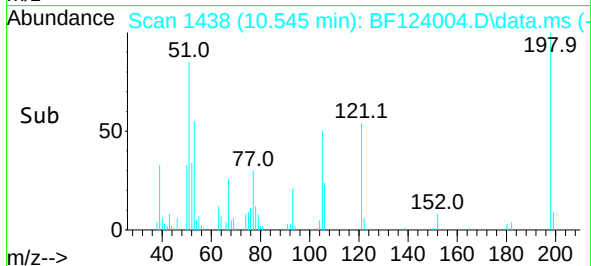
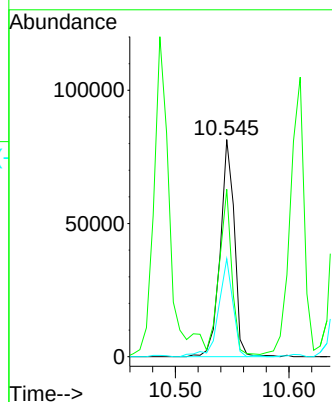
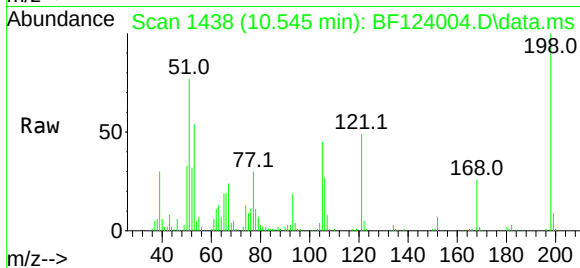




#65
4,6-Dinitro-2-methylphenol
Concen: 40.13 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.018 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

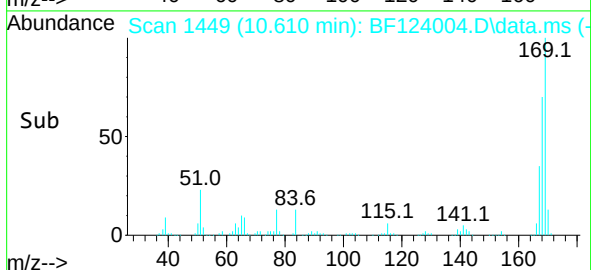
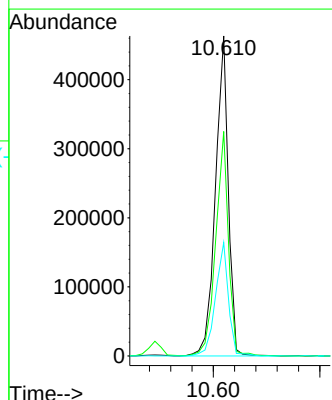
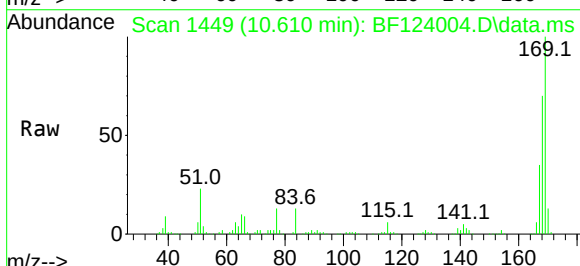
Instrument :
BNA_F
ClientSampled :
PB136559BS

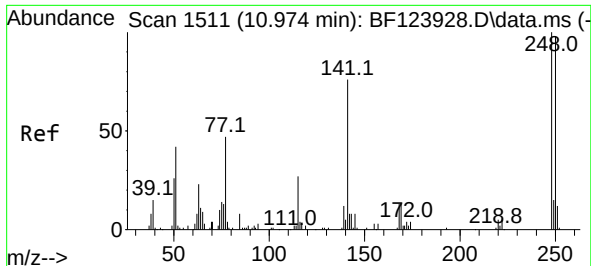
Tgt Ion:198 Resp: 70378
Ion Ratio Lower Upper
198 100
51 77.1 64.8 104.8
105 45.1 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 36.50 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:169 Resp: 389402
Ion Ratio Lower Upper
169 100
168 70.2 53.3 79.9
167 35.5 29.9 44.9

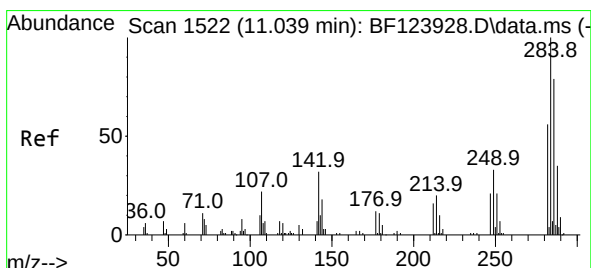
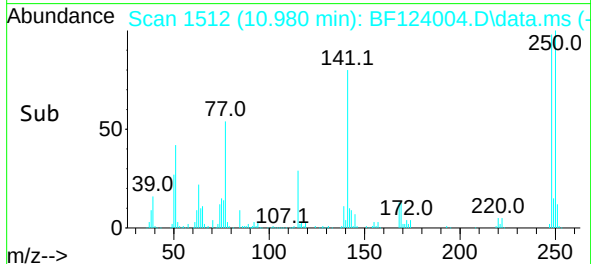
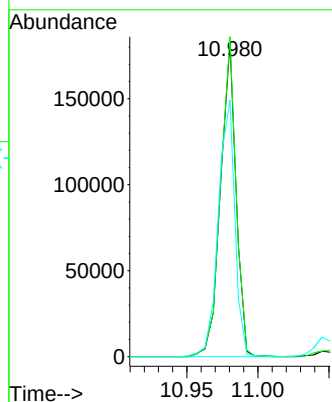
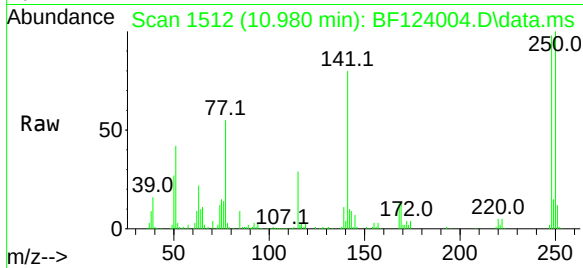




#67
4-Bromophenyl-phenylether
Concen: 37.88 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

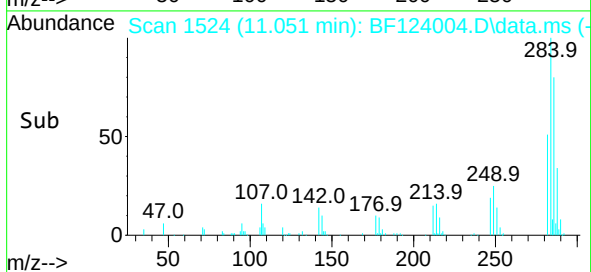
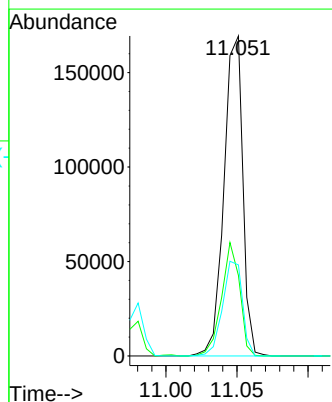
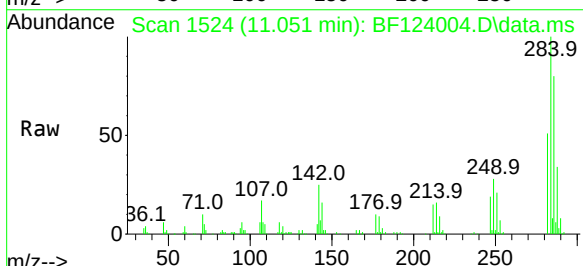
Instrument :
BNA_F
ClientSampleId :
PB136559BS

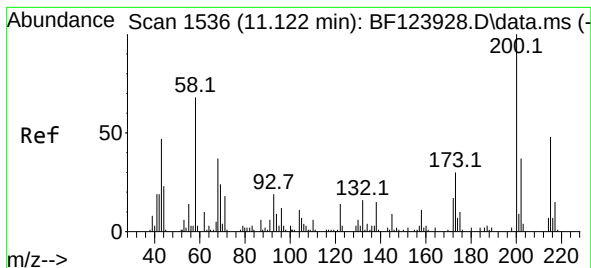
Tgt Ion:248 Resp: 138995
Ion Ratio Lower Upper
248 100
250 101.8 77.4 116.2
141 81.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.09 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:284 Resp: 156013
Ion Ratio Lower Upper
284 100
142 25.2 28.3 42.5#
249 28.4 23.5 35.3





#69

Atrazine

Concen: 43.51 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.018 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

Tgt Ion:200 Resp: 131092

Ion Ratio Lower Upper

200 100

173 24.8 6.9 46.9

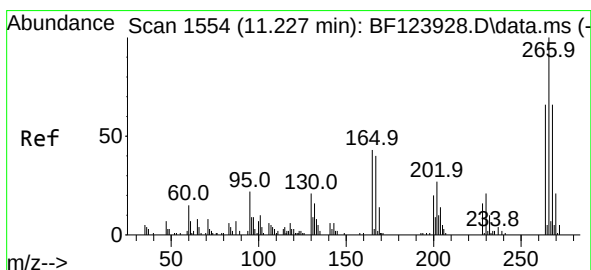
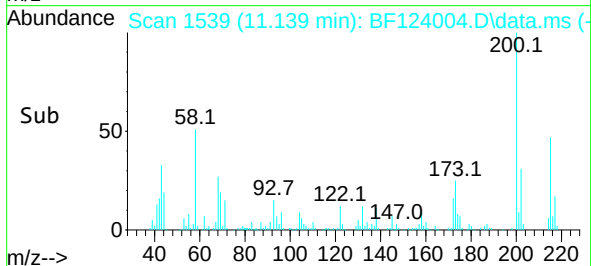
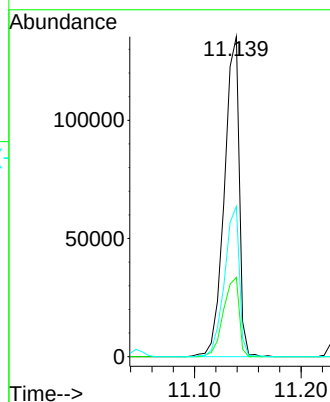
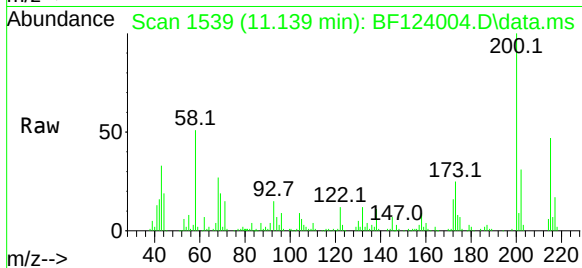
215 46.9 26.5 66.5

Instrument :

BNA_F

ClientSampled :

PB136559BS



#70

Pentachlorophenol

Concen: 68.72 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.018 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

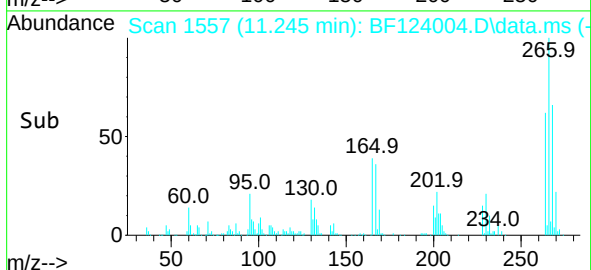
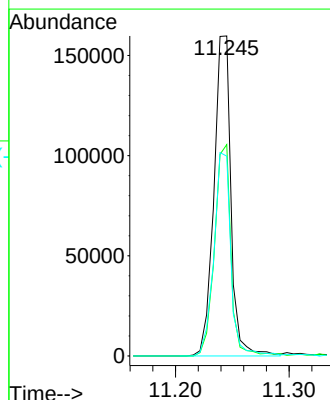
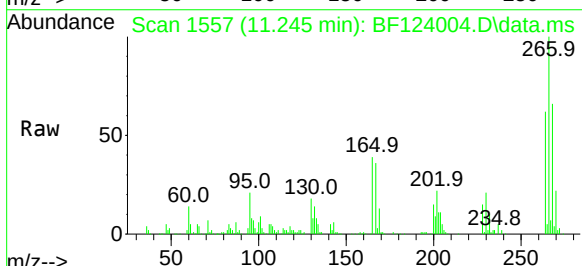
Tgt Ion:266 Resp: 166893

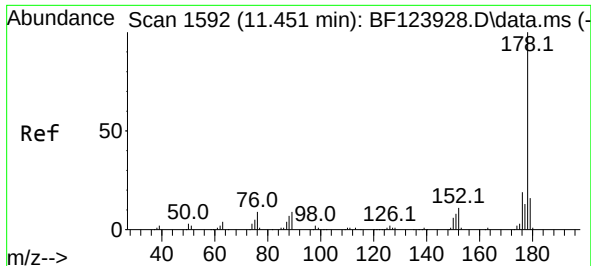
Ion Ratio Lower Upper

266 100

268 66.0 51.6 77.4

264 62.5 52.6 78.8

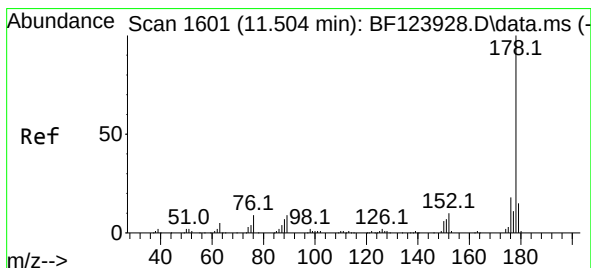
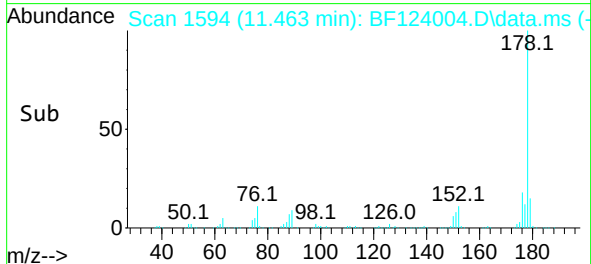
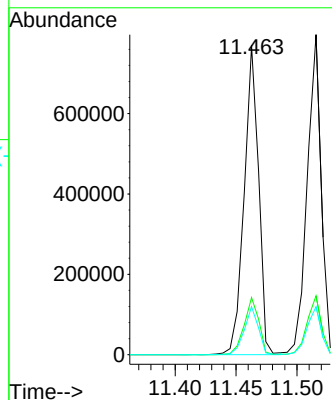
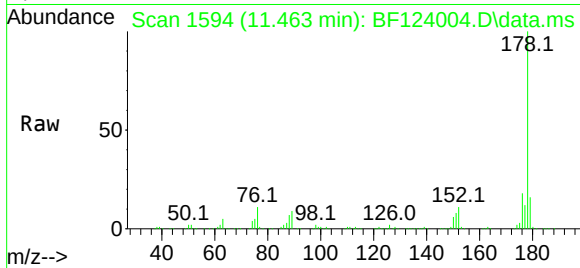




#71
Phenanthrene
Concen: 35.93 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

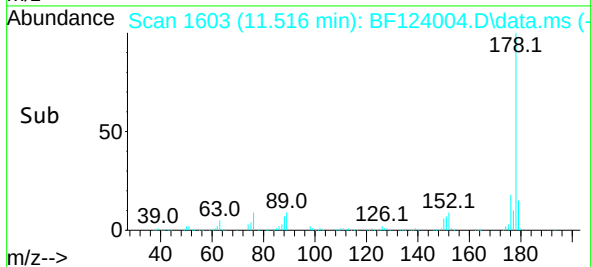
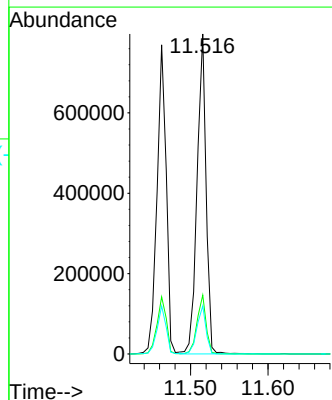
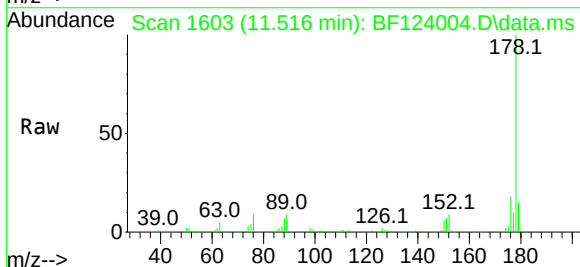
Instrument :
BNA_F
ClientSampleId :
PB136559BS

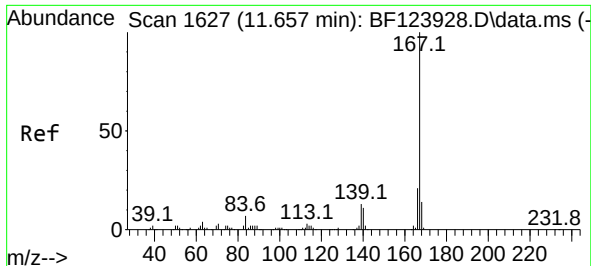
Tgt Ion:178 Resp: 635843
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 35.88 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:178 Resp: 643356
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.0 12.6 18.8

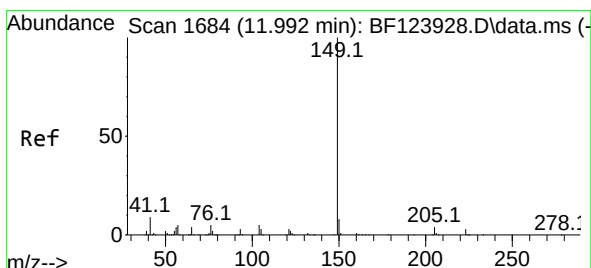
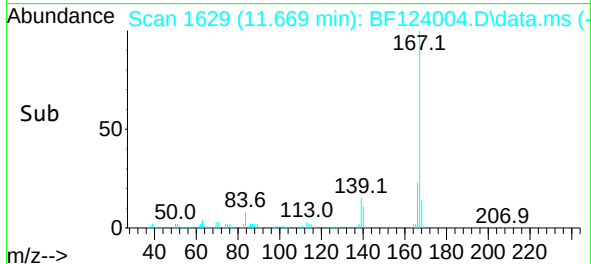
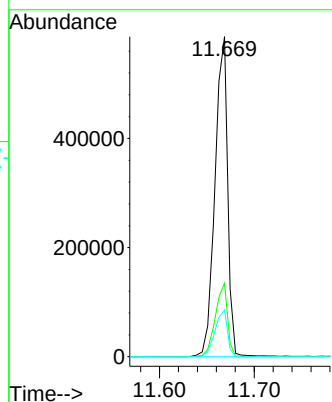
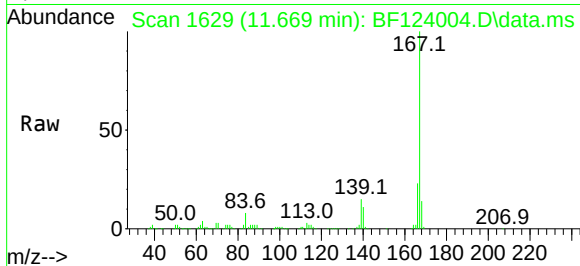




#73
 Carbazole
 Concen: 34.72 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.012 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

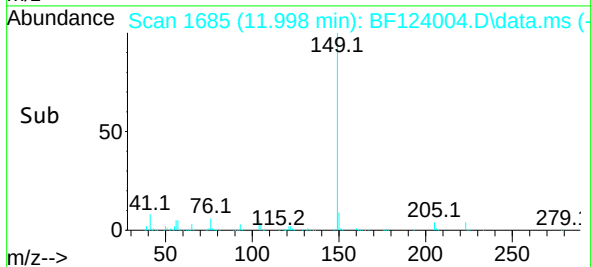
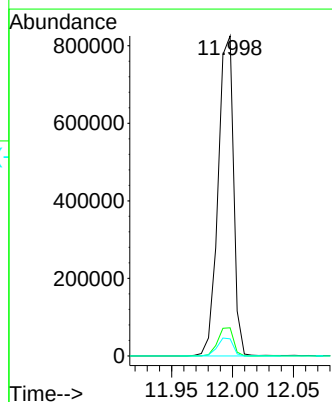
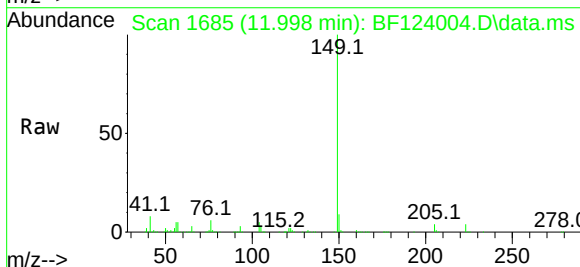
Instrument :
 BNA_F
 ClientSampleId :
 PB136559BS

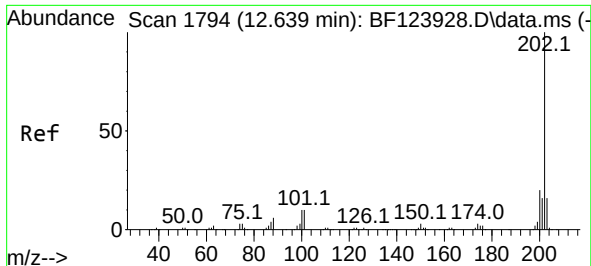
Tgt Ion:167 Resp: 544708
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.0 25.6
 139 14.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 37.09 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.006 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

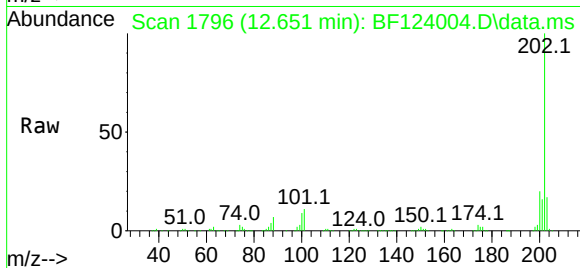
Tgt Ion:149 Resp: 728226
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.8
 104 5.4 4.6 6.8



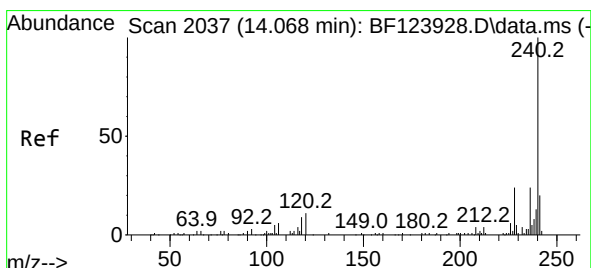
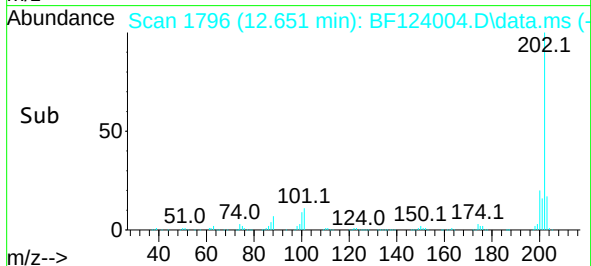
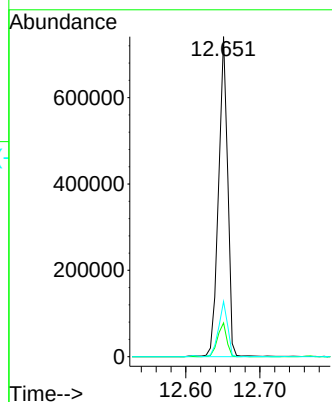


#75
Fluoranthene
Concen: 34.59 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Instrument :
BNA_F
ClientSampleId :
PB136559BS

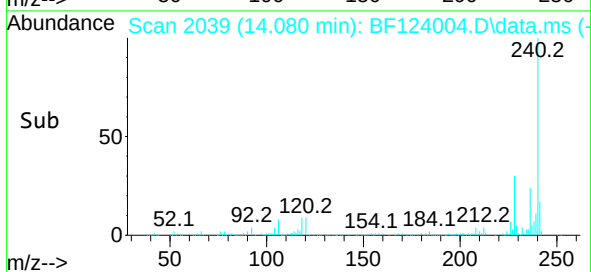
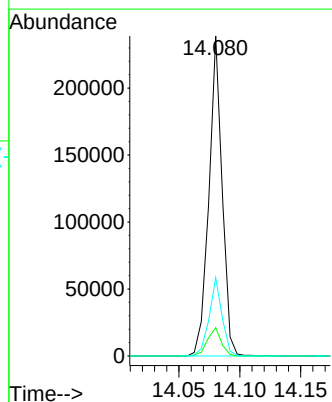
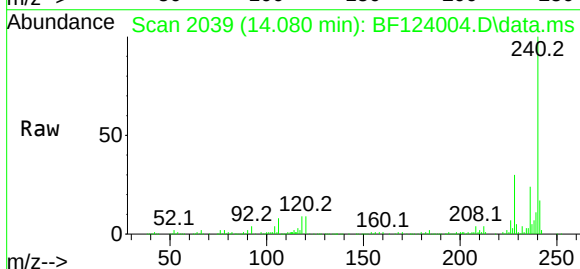


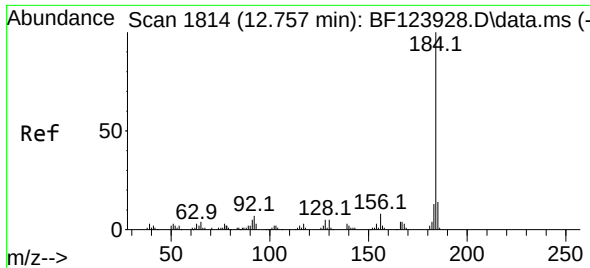
Tgt Ion:202 Resp: 633748
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:240 Resp: 179648
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 24.5 19.0 28.4

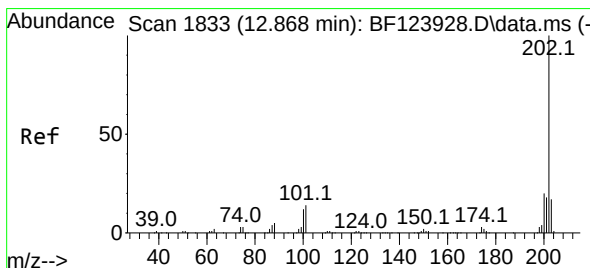
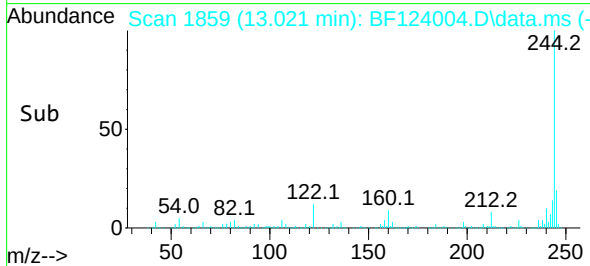
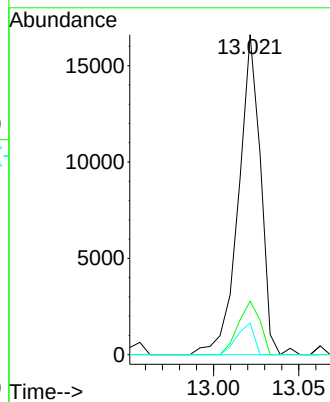
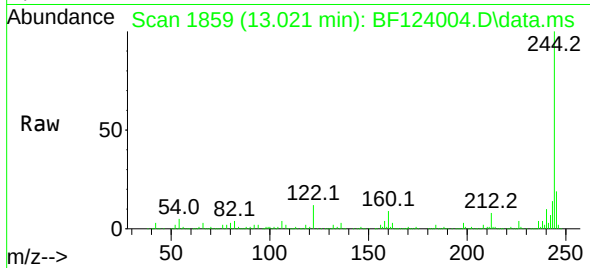




#77
Benzidine
Concen: 3.43 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

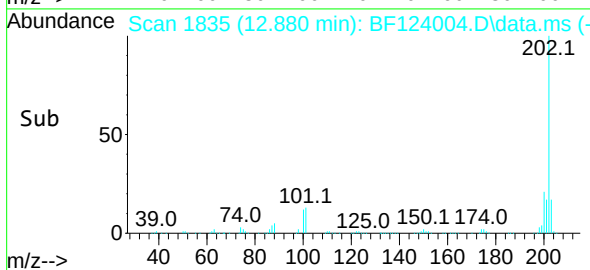
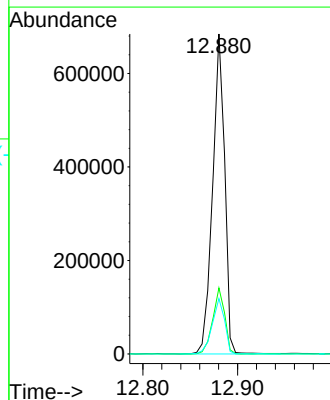
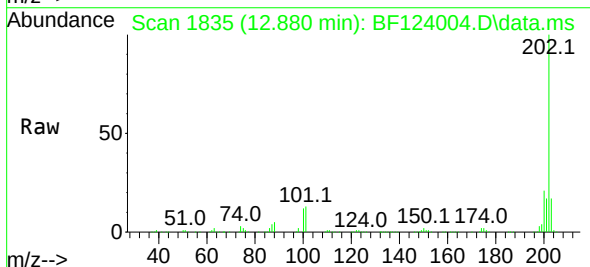
Instrument :
BNA_F
ClientSampleId :
PB136559BS

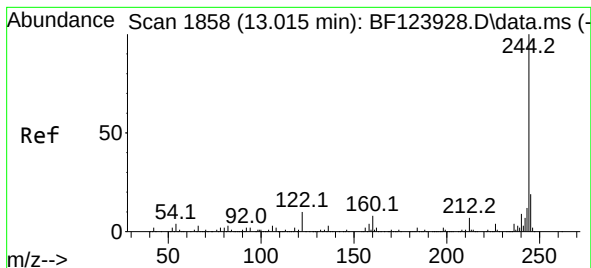
Tgt Ion:184 Resp: 14861
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 9.9 7.8 11.8



#78
Pyrene
Concen: 37.85 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:202 Resp: 603687
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 17.3 14.8 22.2





#79

Terphenyl-d14

Concen: 74.09 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

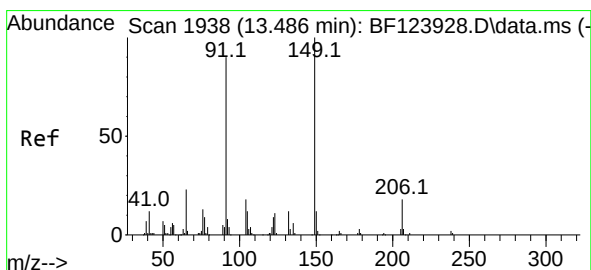
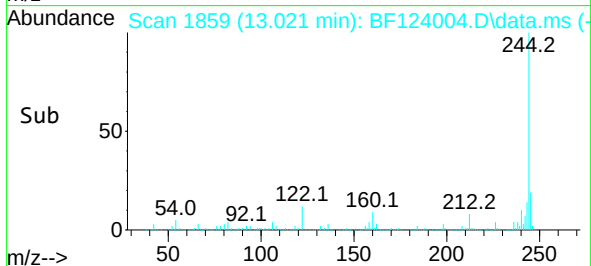
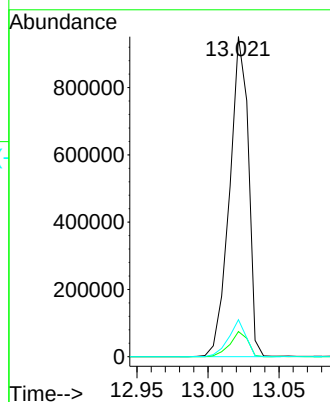
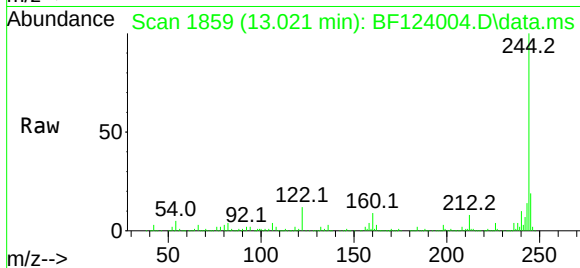
Tgt Ion:244 Resp: 878770

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 11.5 9.7 14.5



#80

Butylbenzylphthalate

Concen: 40.81 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.012 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

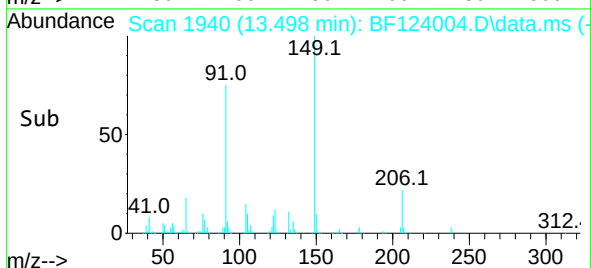
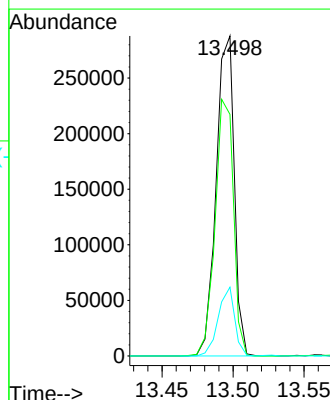
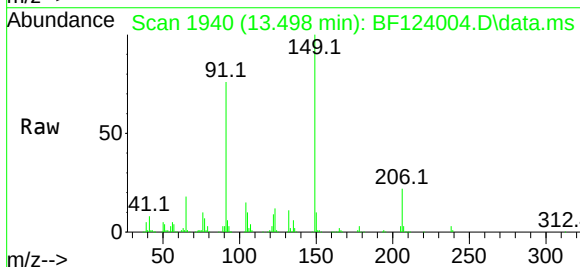
Tgt Ion:149 Resp: 255242

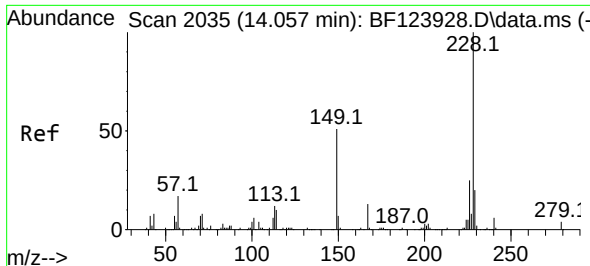
Ion Ratio Lower Upper

149 100

91 75.5 63.6 95.4

206 21.5 14.5 21.7

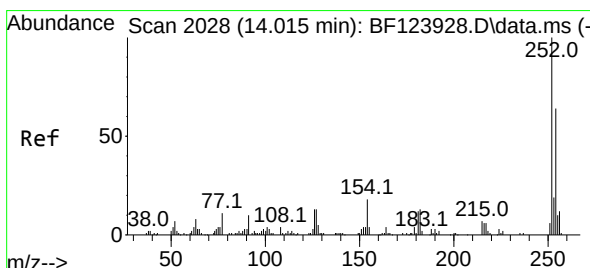
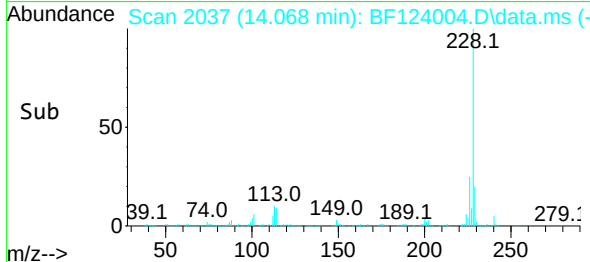
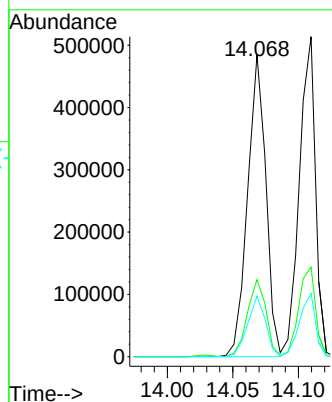
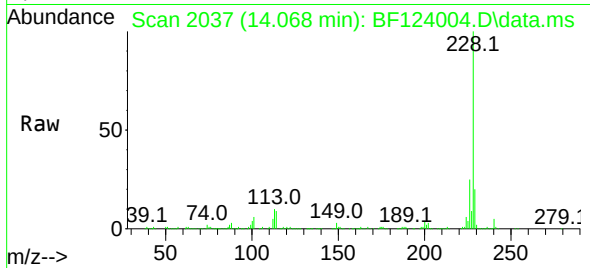




#81
Benzo(a)anthracene
Concen: 36.18 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

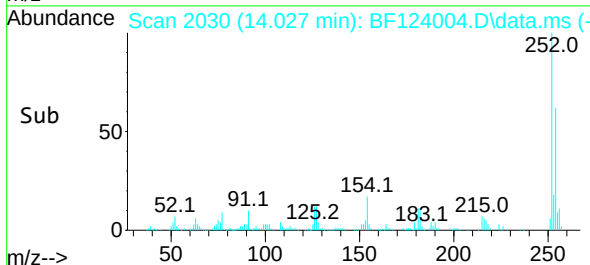
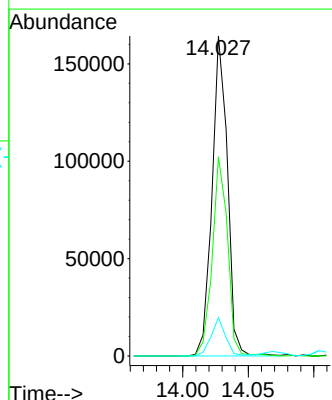
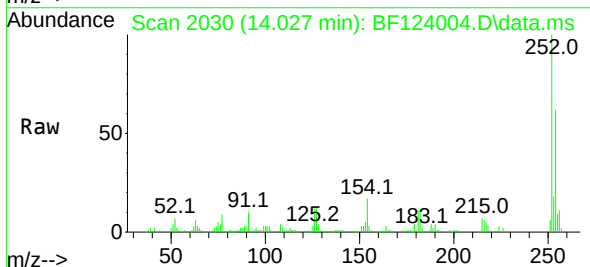
Instrument :
BNA_F
ClientSampled :
PB136559BS

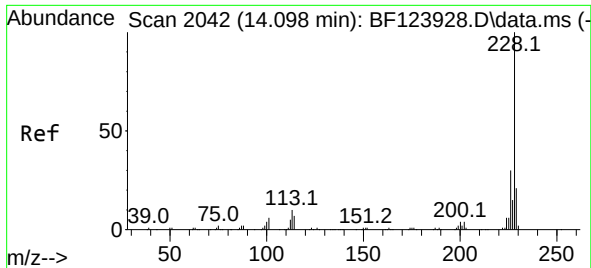
Tgt Ion:228 Resp: 470016
Ion Ratio Lower Upper
228 100
226 25.5 22.4 33.6
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 33.22 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:252 Resp: 134067
Ion Ratio Lower Upper
252 100
254 62.2 51.1 76.7
126 12.0 7.7 11.5#

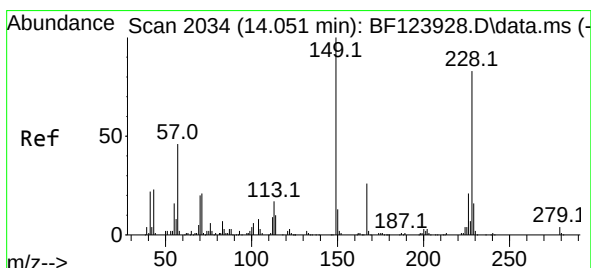
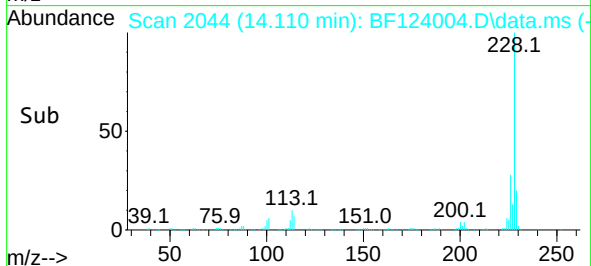
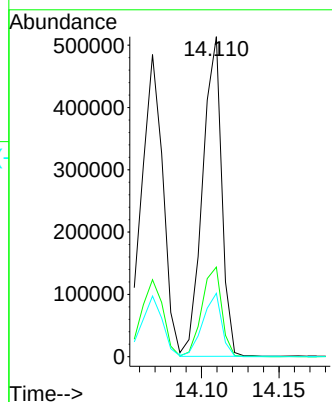
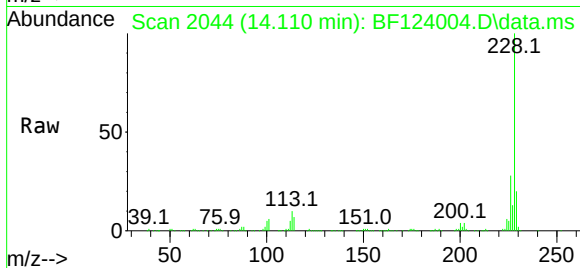




#83
Chrysene
Concen: 34.98 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

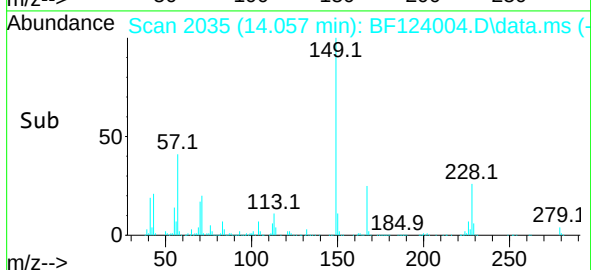
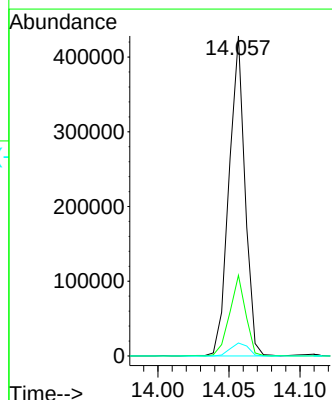
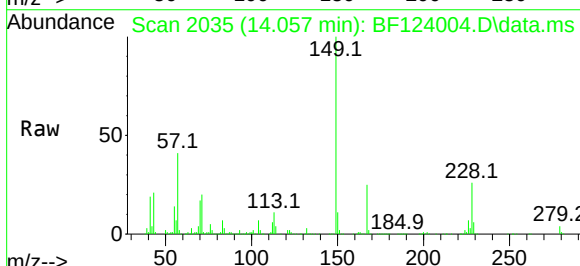
Instrument :
BNA_F
ClientSampleId :
PB136559BS

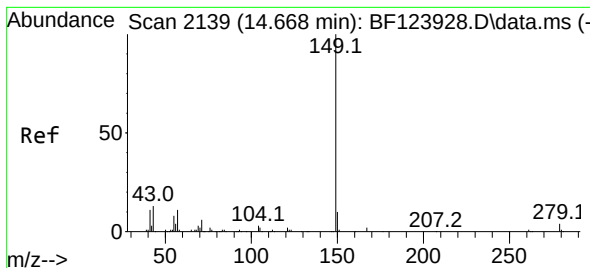
Tgt Ion:228	Resp: 437102
Ion Ratio	Lower Upper
228 100	
226 28.0	24.3 36.5
229 19.8	16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.97 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:149	Resp: 335088
Ion Ratio	Lower Upper
149 100	
167 25.2	21.8 32.6
279 4.1	3.3 4.9

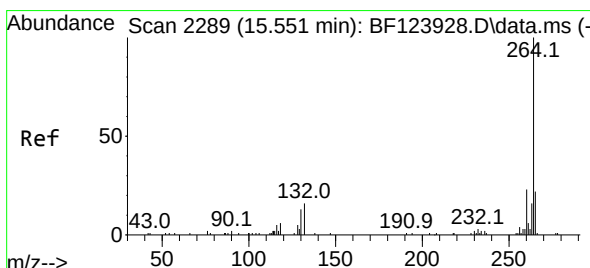
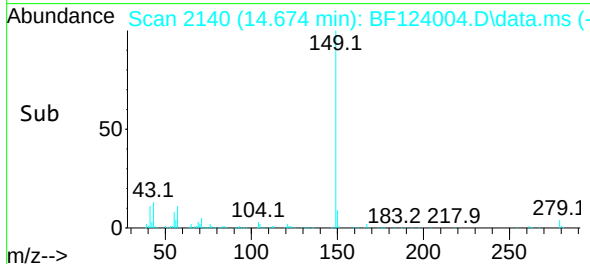
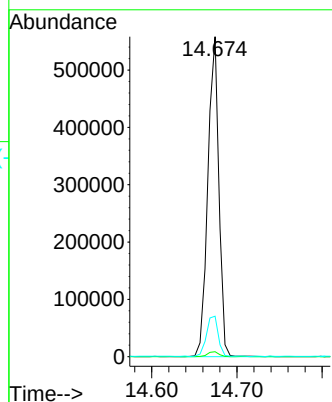
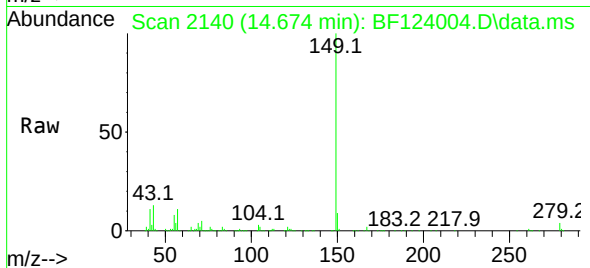




#85
Di-n-octyl phthalate
Concen: 37.53 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

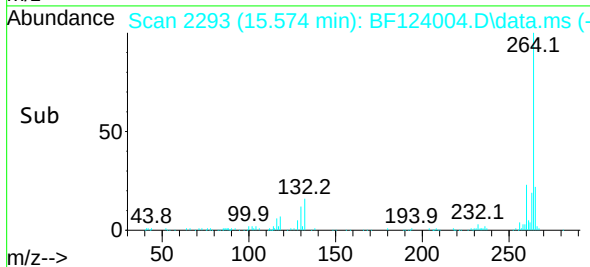
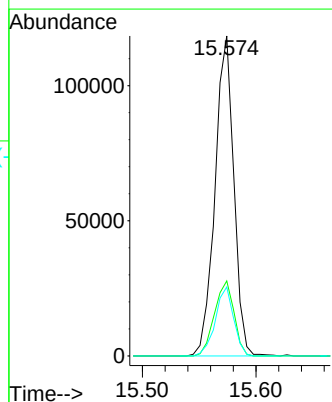
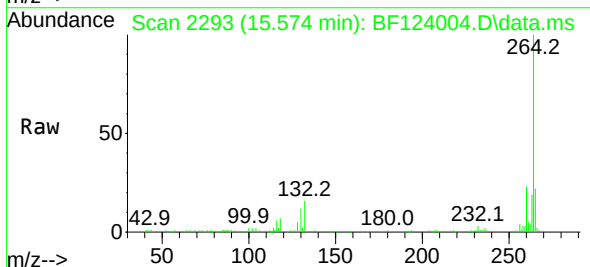
Instrument :
BNA_F
ClientSampleId :
PB136559BS

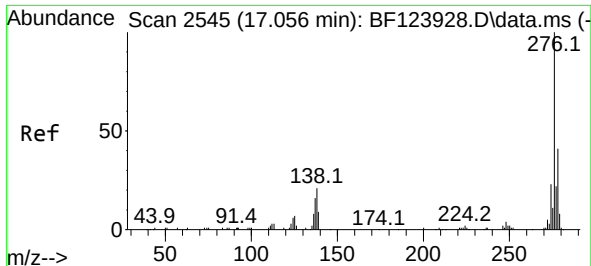
Tgt Ion:149 Resp: 500724
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.7 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.024 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:264 Resp: 136442
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.6 17.8 26.8

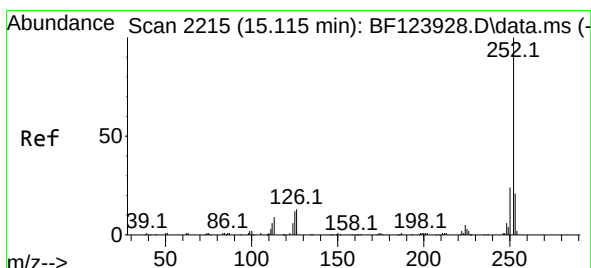
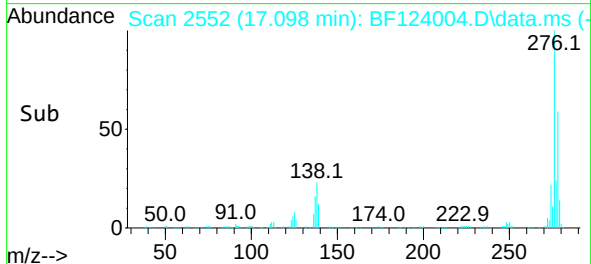
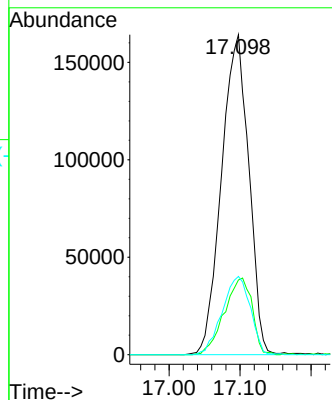
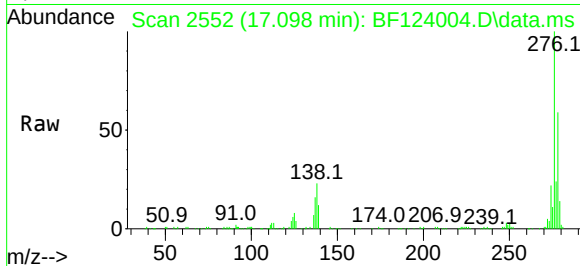




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.57 ng
 RT: 17.098 min Scan# 2552
 Delta R.T. 0.041 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

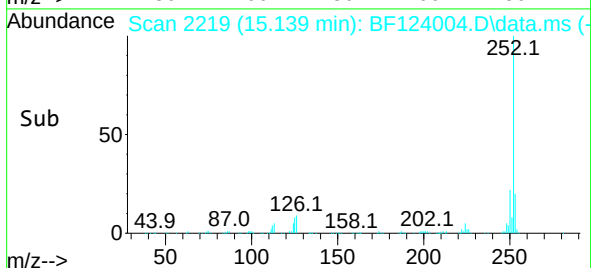
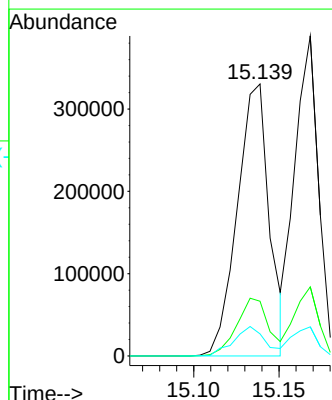
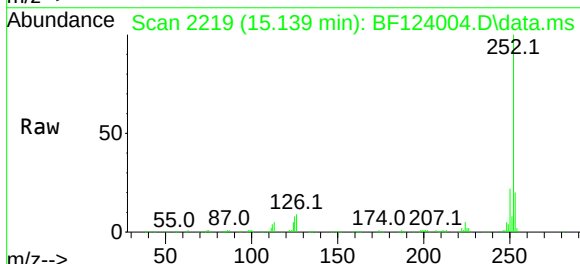
Instrument :
 BNA_F
 ClientSampleID :
 PB136559BS

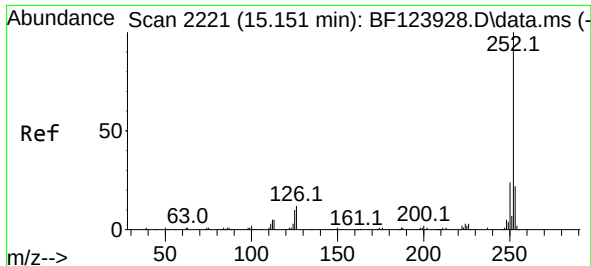
Tgt Ion:276 Resp: 438037
 Ion Ratio Lower Upper
 276 100
 138 24.4 16.2 24.2#
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 40.97 ng
 RT: 15.139 min Scan# 2219
 Delta R.T. 0.024 min
 Lab File: BF124004.D
 Acq: 20 May 2021 12:16

Tgt Ion:252 Resp: 432445
 Ion Ratio Lower Upper
 252 100
 253 20.1 18.1 27.1
 125 8.1 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 38.99 ng

RT: 15.168 min Scan# 2224

Delta R.T. 0.018 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

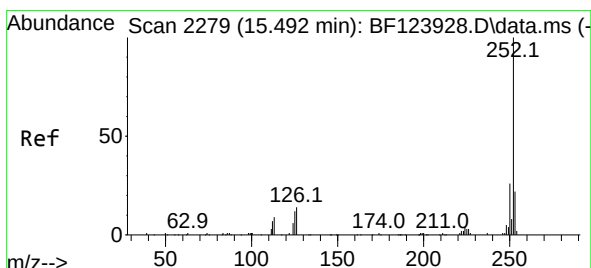
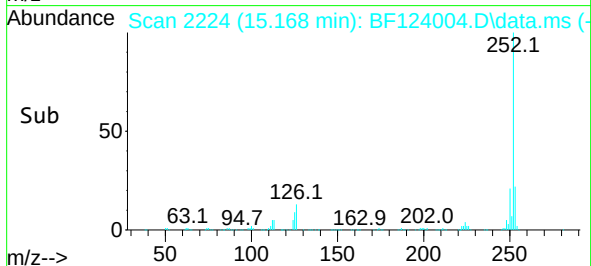
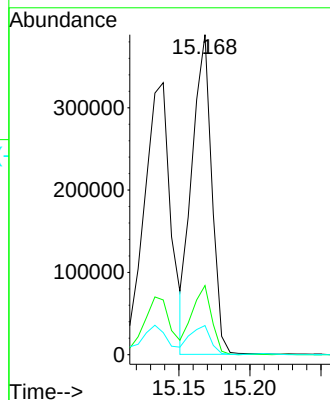
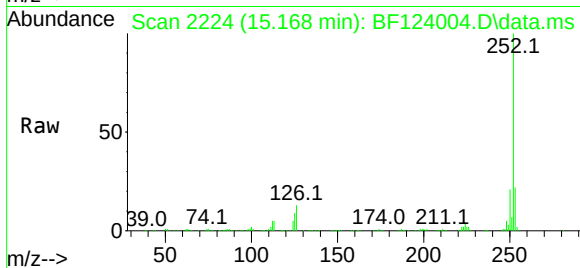
Tgt Ion:252 Resp: 375034

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 9.1 7.0 10.6



#90

Benzo(a)pyrene

Concen: 38.41 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.024 min

Lab File: BF124004.D

Acq: 20 May 2021 12:16

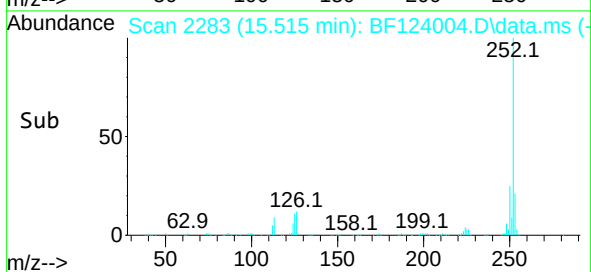
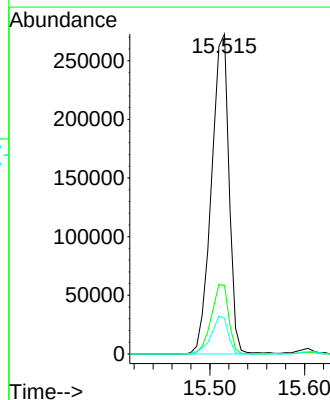
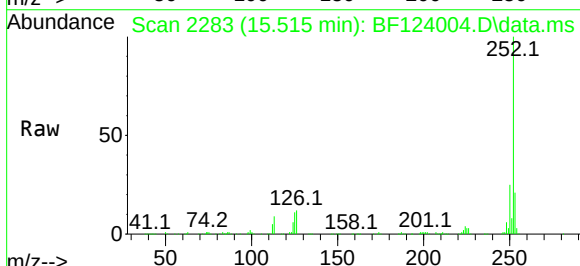
Tgt Ion:252 Resp: 350464

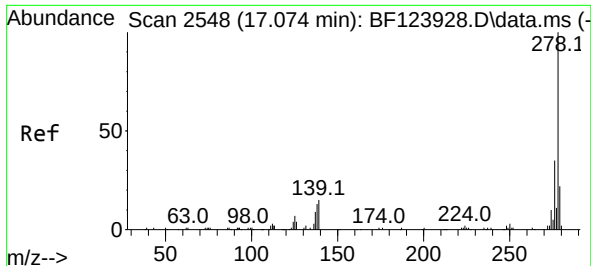
Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

125 11.1 8.0 12.0

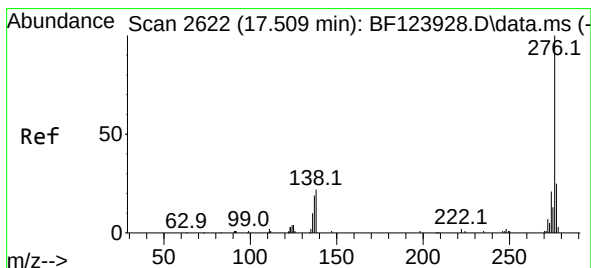
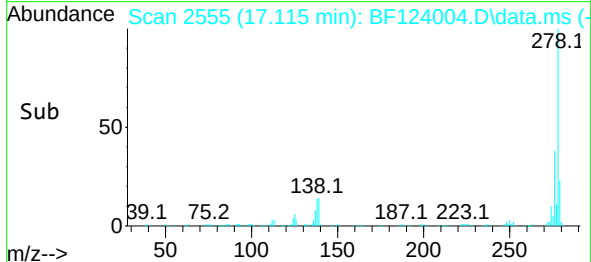
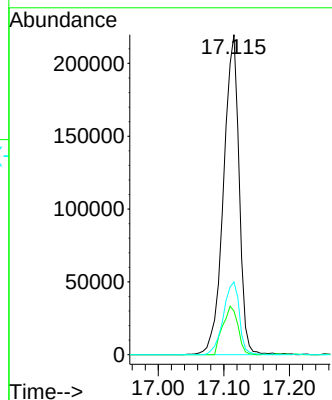
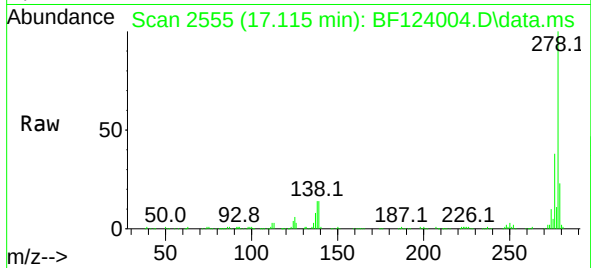




#91
Dibenzo(a,h)anthracene
Concen: 40.81 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.041 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Instrument :
BNA_F
ClientSampleId :
PB136559BS

Tgt Ion:278 Resp: 362114
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.2
279 22.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 38.74 ng
RT: 17.556 min Scan# 2630
Delta R.T. 0.047 min
Lab File: BF124004.D
Acq: 20 May 2021 12:16

Tgt Ion:276 Resp: 344722
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.2
138 19.1 13.8 20.6

