

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125546.D
 Acq On : 21 Sep 2021 20:44
 Operator : JU/CG
 Sample : M3835-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-04-(1.0)

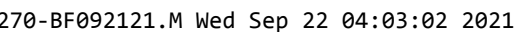
Quant Time: Sep 22 04:02:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

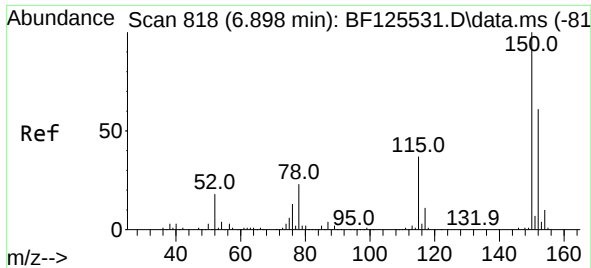
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	204726	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	846265	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	429267	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	718174	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	430269	20.000	ng	-0.01
86) Perylene-d12	15.533	264	409709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692840	53.517	ng	0.00
7) Phenol-d6	6.504	99	518326	31.053	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1111158	83.747	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	497794	118.395	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2101910	89.204	ng	0.00
79) Terphenyl-d14	13.004	244	1891234	70.979	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	689	Below Cal		90
10) Phenol	6.516	94	49263	2.900	ng	91
17) 2-Methylphenol	7.286	107	376446	31.901	ng	# 69
19) n-Nitroso-di-n-propyla...	7.457	70	142918	14.306	ng	# 53
20) 3+4-Methylphenols	7.286	107	376446	25.656	ng	# 69
25) Isophorone	7.722	82	81875	2.867	ng	# 63
27) 2,4-Dimethylphenol	7.945	122	1167802	92.036	ng	# 10
28) bis(2-Chloroethoxy)met...	7.945	93	39415	2.403	ng	# 1
31) Naphthalene	8.198	128	643330	14.802	ng	98
32) Benzoic acid	7.945	122	1167802	151.581	ng	# 29
33) 4-Chloroaniline	8.198	127	82609	4.637	ng	# 36
51) 2,6-Dinitrotoluene	9.933	165	54301	9.238	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	54301	7.709	ng	# 20
67) 4-Bromophenyl-phenylether	10.722	248	27036	3.294	ng	# 1
77) Benzidine	13.004	184	24515	2.009	ng	# 93

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
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QLast Update : Tue Sep 21 19:21:36 2021
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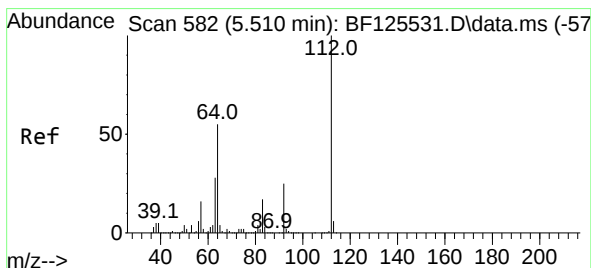
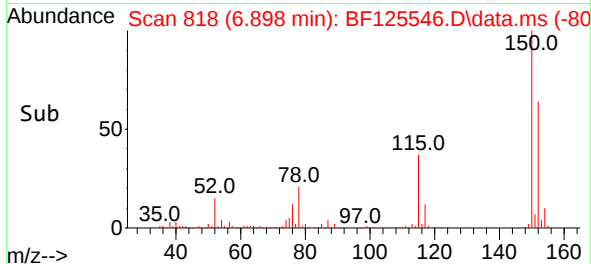
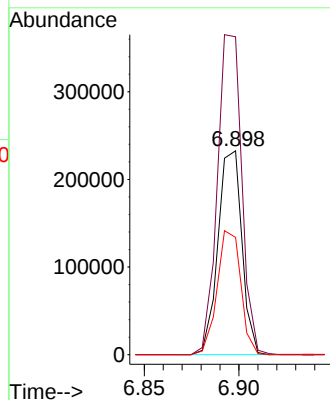
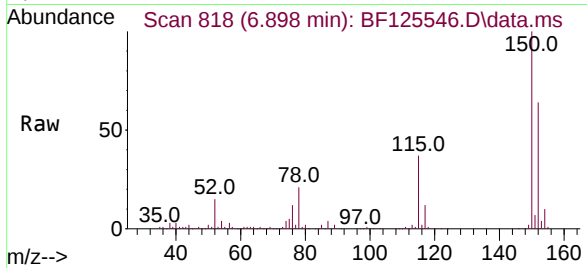




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

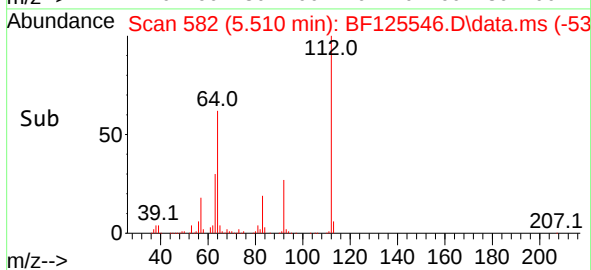
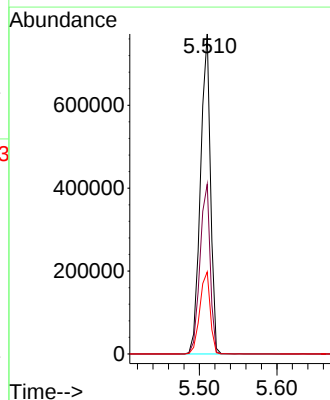
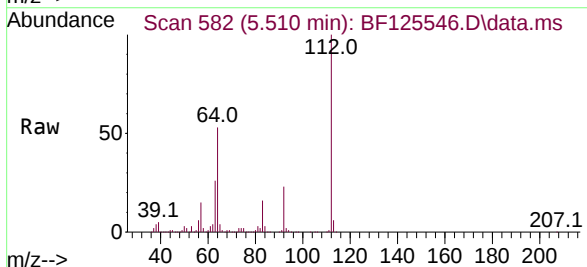
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

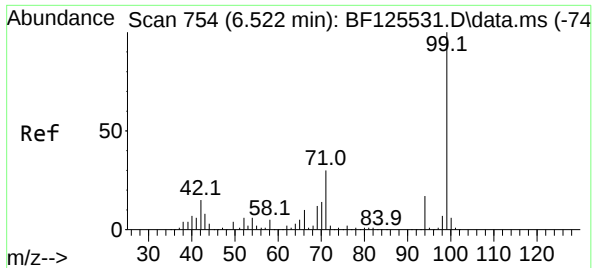
Tgt Ion:152 Resp: 204726
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 57.5 47.1 70.7



#5
2-Fluorophenol
Concen: 53.517 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:112 Resp: 692840
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 25.7 26.2 39.2#

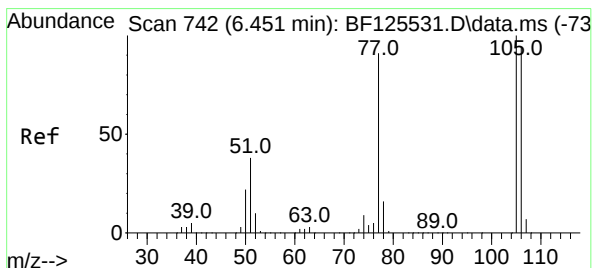
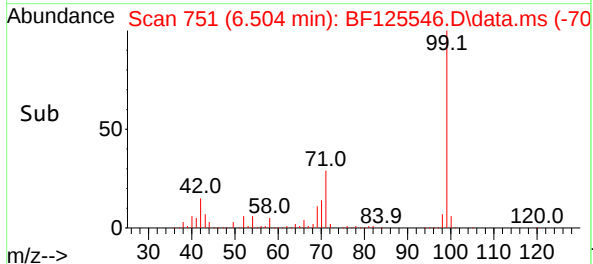
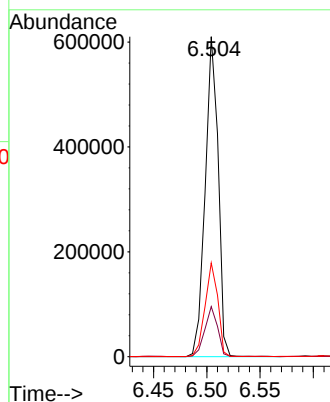
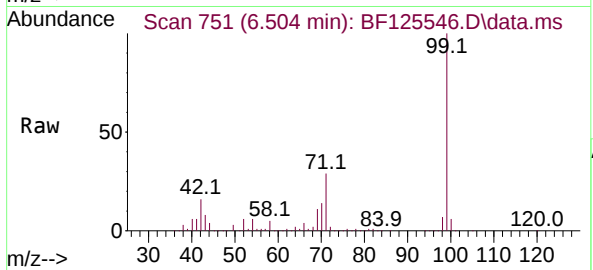




#7
Phenol-d6
Concen: 31.053 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

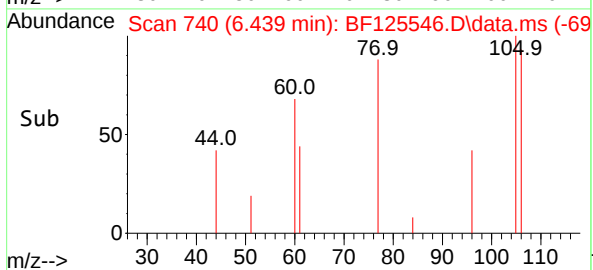
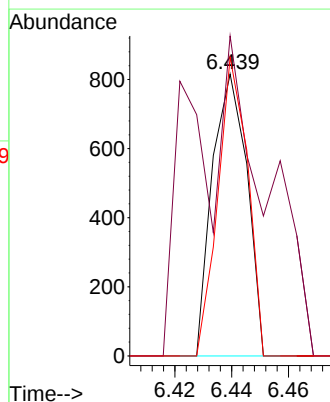
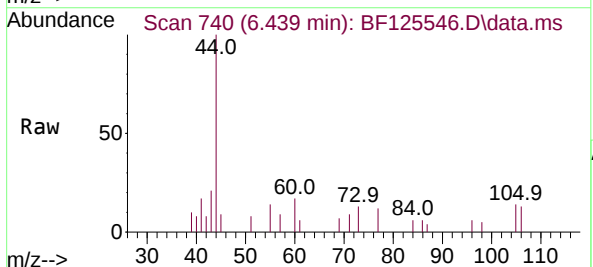
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

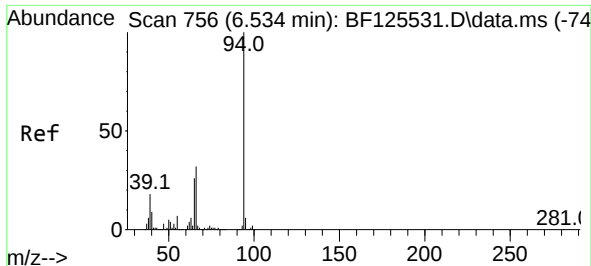
Tgt Ion: 99 Resp: 518326
Ion Ratio Lower Upper
99 100
42 15.6 23.5 35.3#
71 29.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion: 77 Resp: 689
Ion Ratio Lower Upper
77 100
105 113.5 75.9 115.9
106 106.0 84.0 124.0

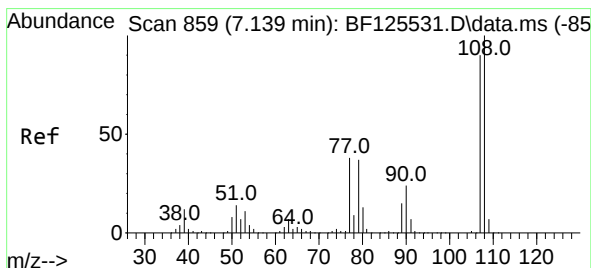
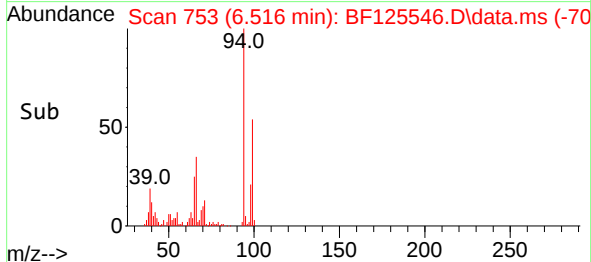
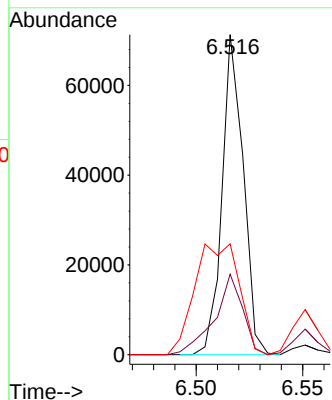
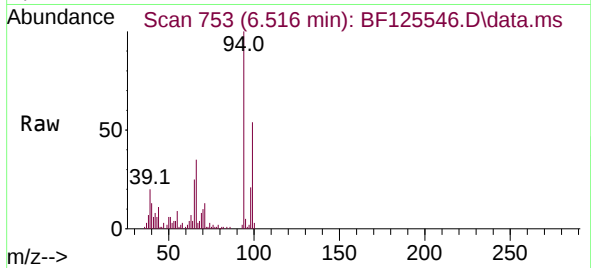




#10
Phenol
Concen: 2.900 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

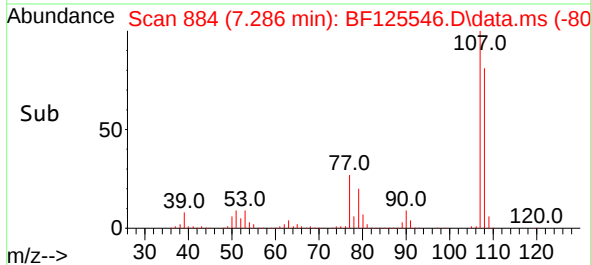
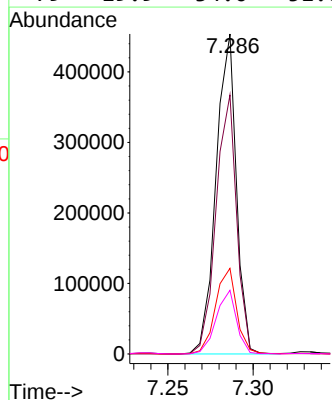
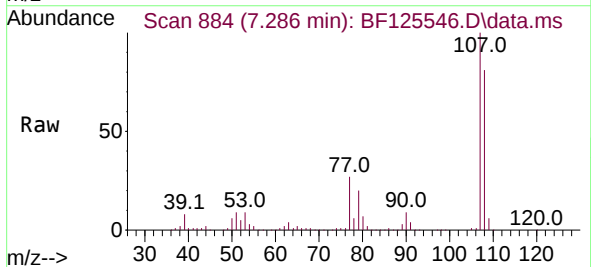
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

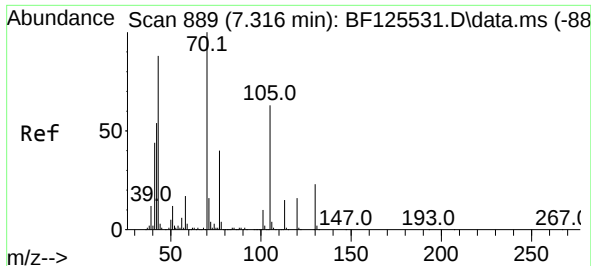
Tgt Ion: 94	Resp: 49263
Ion Ratio	Lower Upper
94 100	
65 25.1	9.3 49.3
66 34.6	20.3 60.3



#17
2-Methylphenol
Concen: 31.901 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion: 107	Resp: 376446
Ion Ratio	Lower Upper
107 100	
108 80.9	90.6 135.8#
77 26.7	35.7 53.5#
79 19.9	34.0 51.0#

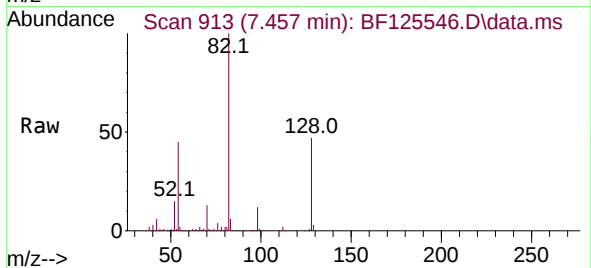




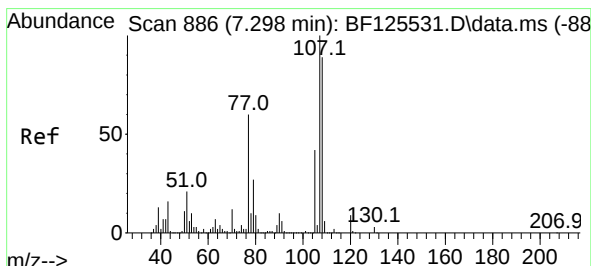
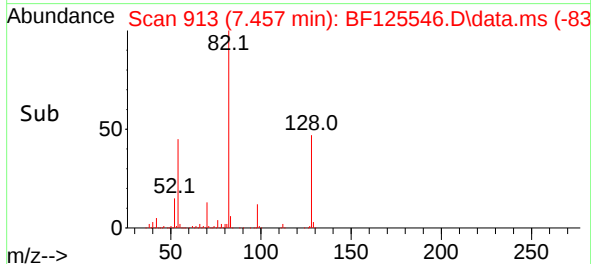
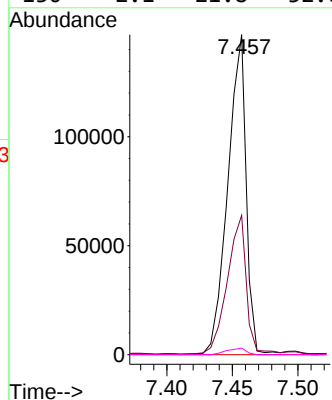
#19

n-Nitroso-di-n-propylamine
 Concen: 14.306 ng
 RT: 7.457 min Scan# 913
 Delta R.T. 0.141 min
 Lab File: BF125546.D
 Acq: 21 Sep 2021 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-04-(1.0)



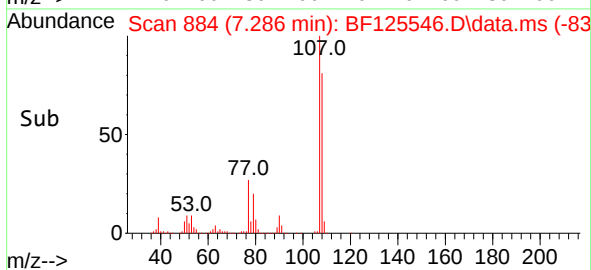
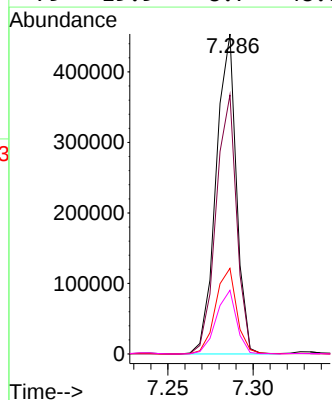
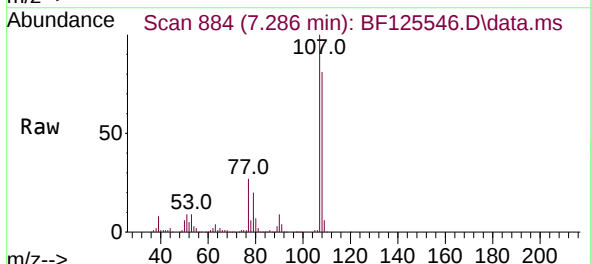
Tgt Ion: 70	Resp: 142918
Ion Ratio	Lower Upper
70	100
42	43.5 72.2 108.2#
101	0.0 7.8 11.8#
130	2.1 21.8 32.6#

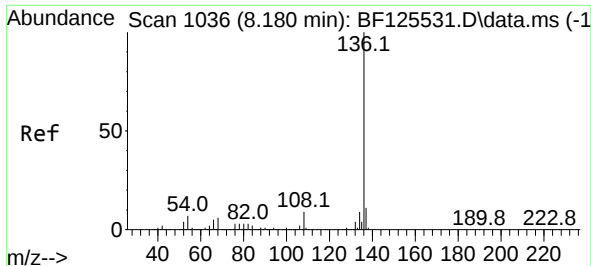


#20

3+4-Methylphenols
 Concen: 25.656 ng
 RT: 7.286 min Scan# 884
 Delta R.T. -0.012 min
 Lab File: BF125546.D
 Acq: 21 Sep 2021 20:44

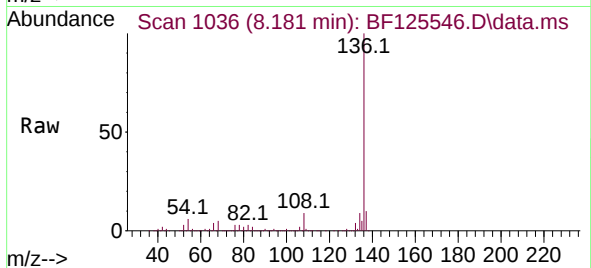
Tgt Ion: 107	Resp: 376446
Ion Ratio	Lower Upper
107	100
108	80.9 76.6 116.6
77	26.7 53.3 93.3#
79	19.9 8.7 48.7



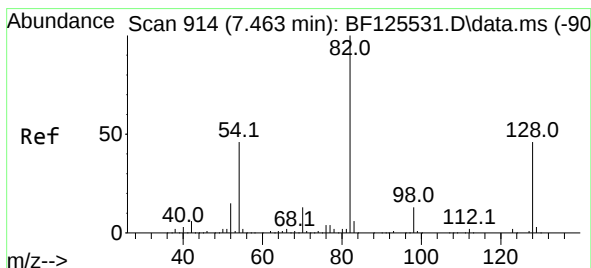
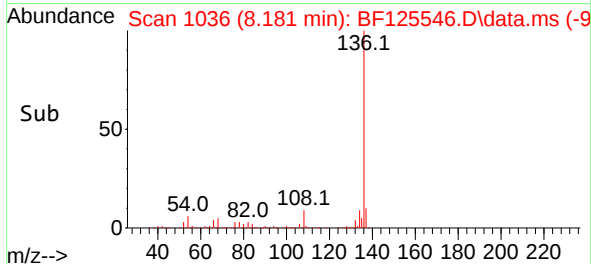
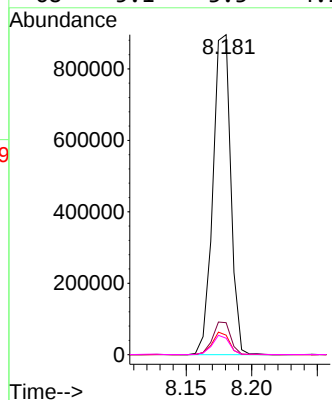


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

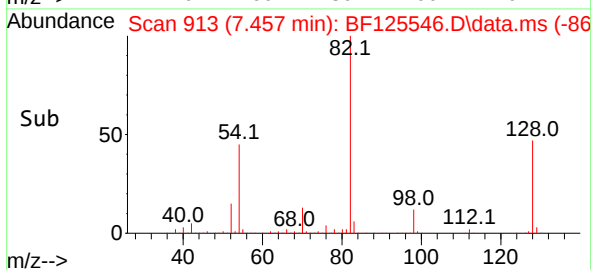
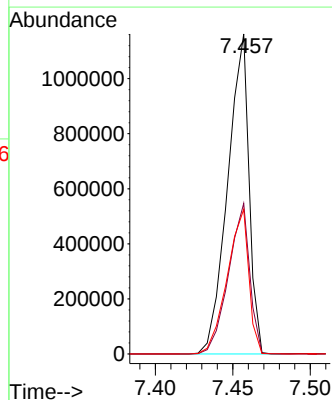
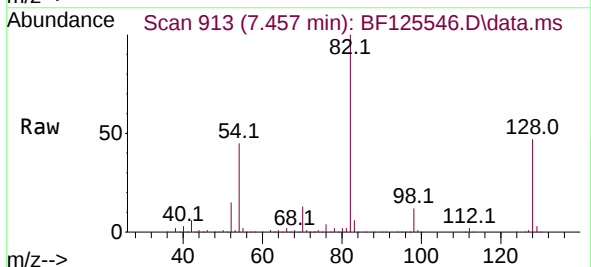


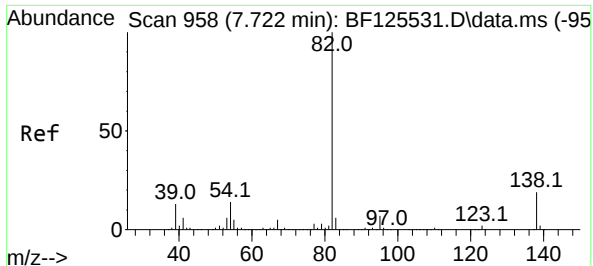
Tgt Ion:	136	Resp:	846265
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.8	14.6
54	6.1	6.4	9.6#
68	5.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 83.747 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:	82	Resp:	1111158
Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.6	60.8
54	45.2	49.6	74.4#

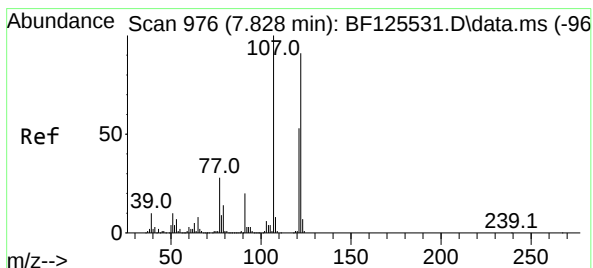
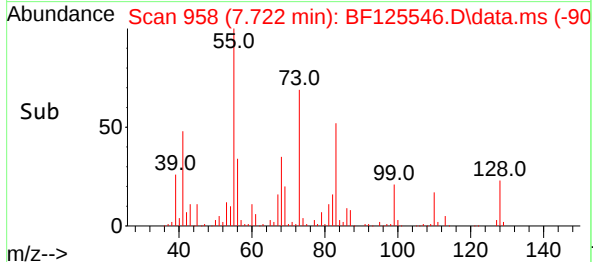
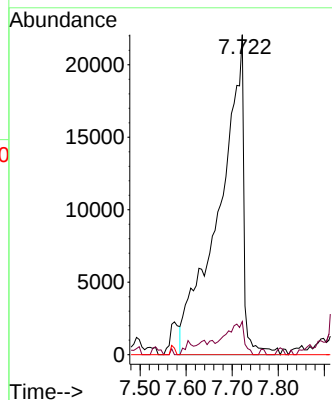
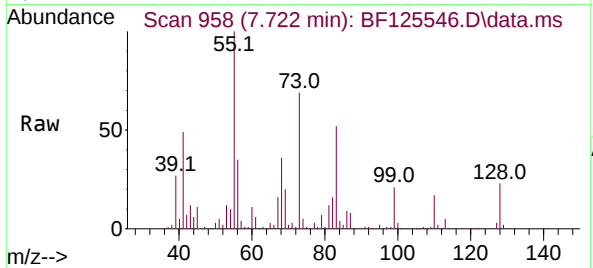




#25
Isophorone
Concen: 2.867 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

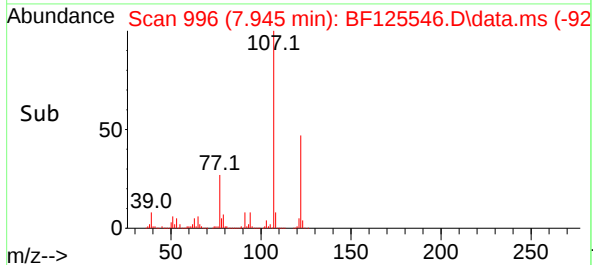
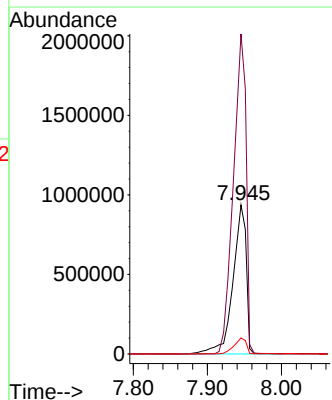
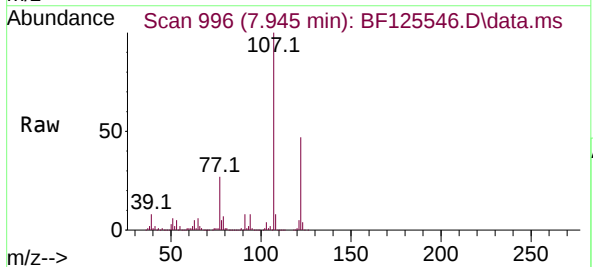
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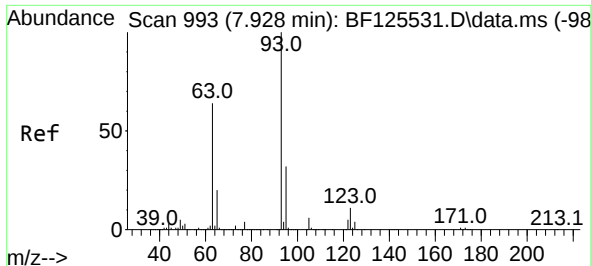
Tgt Ion: 82 Resp: 81875
Ion Ratio Lower Upper
82 100
95 10.4 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 92.036 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.118 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:122 Resp: 1167802
Ion Ratio Lower Upper
122 100
107 214.7 85.0 127.6#
121 10.7 43.3 64.9#

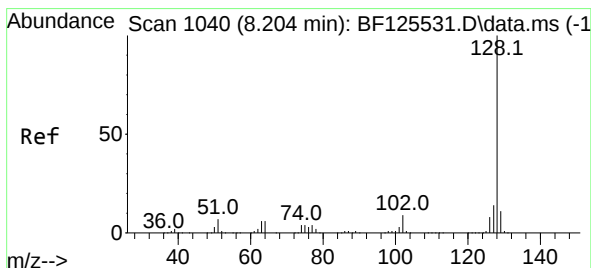
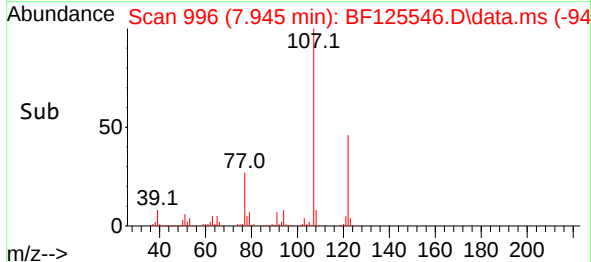
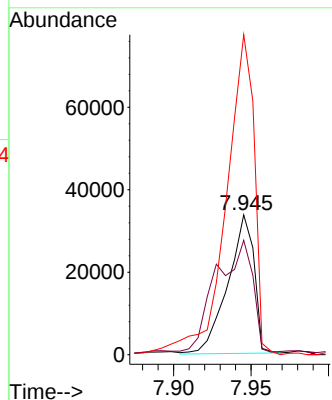
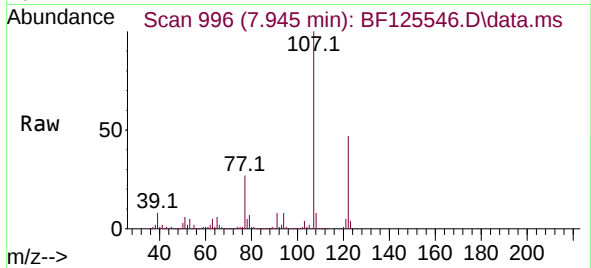




#28
bis(2-Chloroethoxy)methane
Concen: 2.403 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

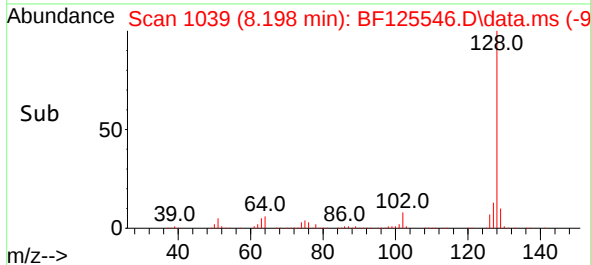
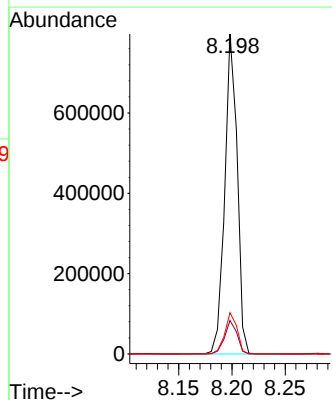
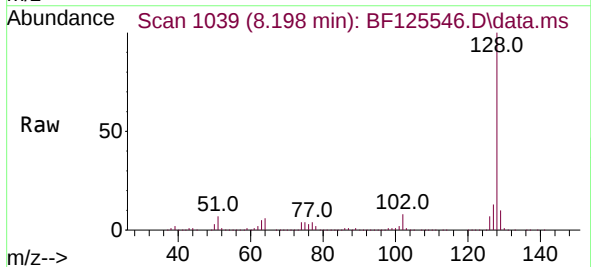
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

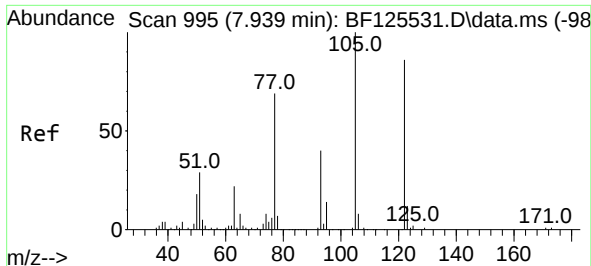
Tgt Ion: 93 Resp: 39415
Ion Ratio Lower Upper
93 100
95 81.8 26.1 39.1#
123 228.8 11.7 17.5#



#31
Naphthalene
Concen: 14.802 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:128 Resp: 643330
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 12.9 10.9 16.3

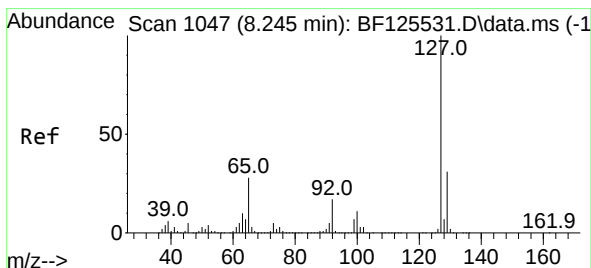
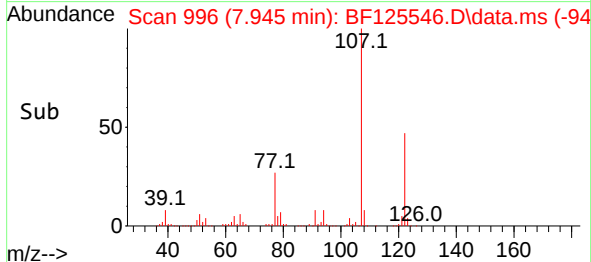
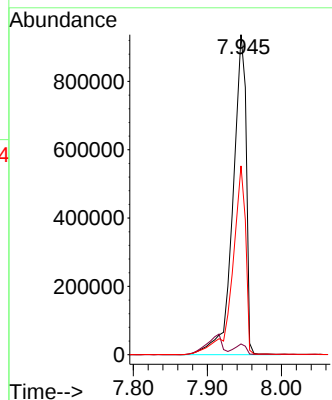
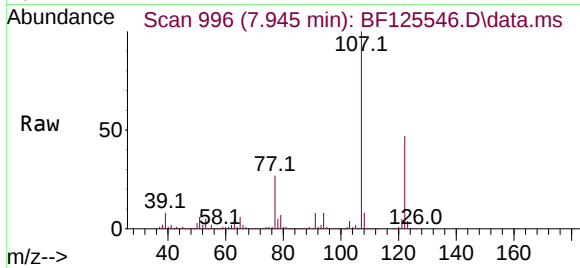




#32
Benzoic acid
Concen: 151.581 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

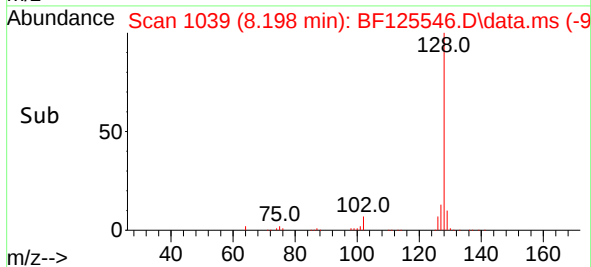
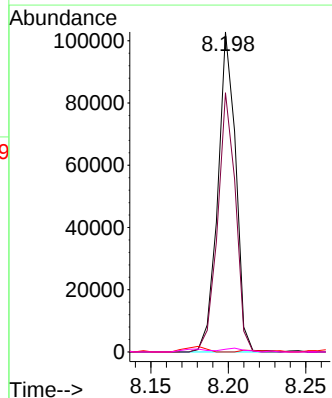
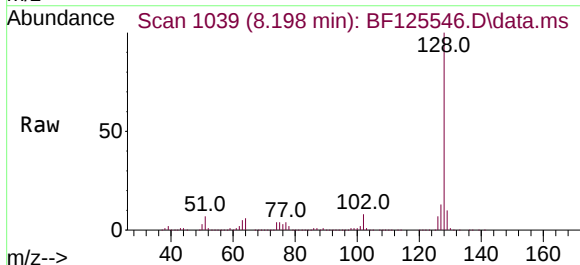
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

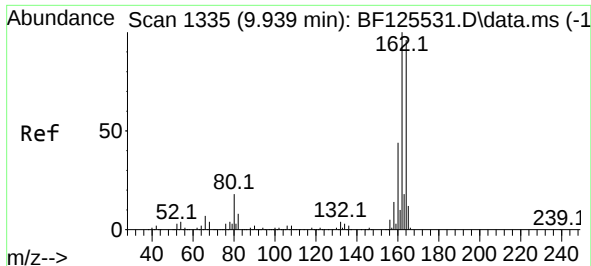
Tgt Ion:122 Resp: 1167802
Ion Ratio Lower Upper
122 100
105 3.4 97.6 137.6#
77 59.0 59.6 99.6#



#33
4-Chloroaniline
Concen: 4.637 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.047 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:127 Resp: 82609
Ion Ratio Lower Upper
127 100
129 81.0 25.7 38.5#
65 0.0 21.2 31.8#
92 0.8 14.0 21.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125546.D

Acq: 21 Sep 2021 20:44

Instrument :

BNA_F

ClientSampleId :

SW-CB-04-(1.0)

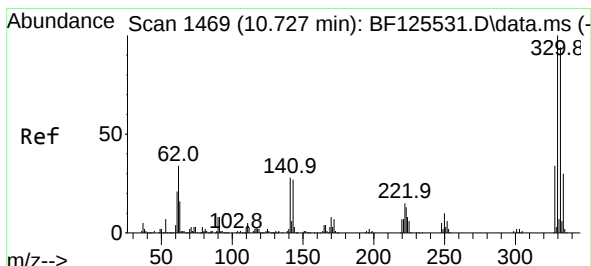
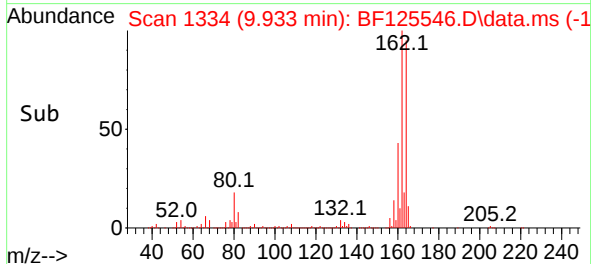
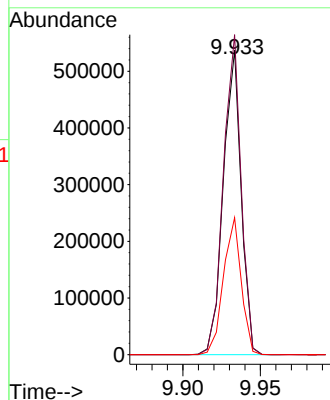
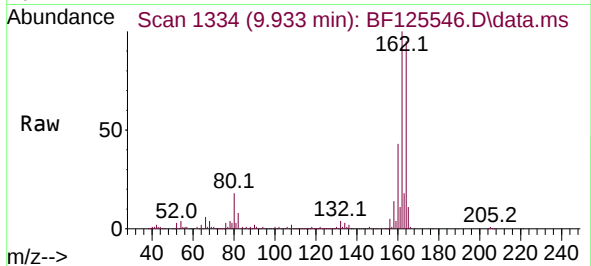
Tgt Ion:164 Resp: 429267

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 44.9 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 118.395 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125546.D

Acq: 21 Sep 2021 20:44

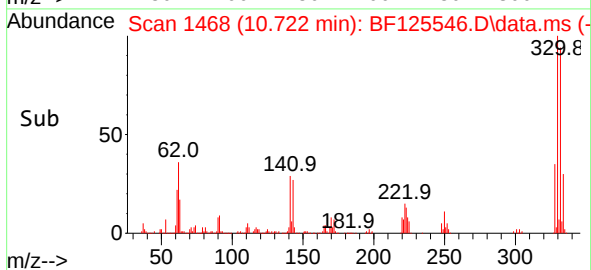
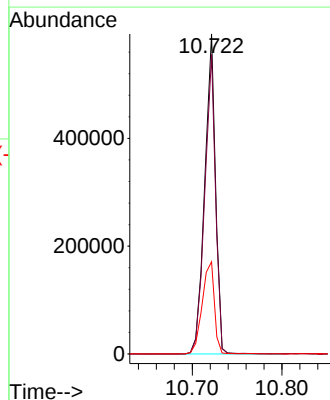
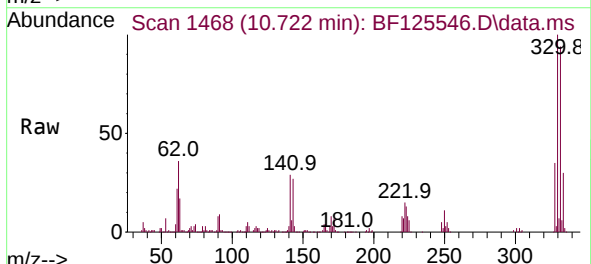
Tgt Ion:330 Resp: 497794

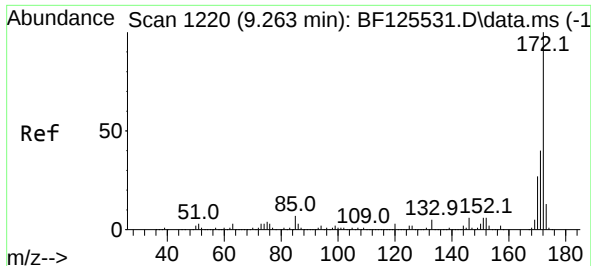
Ion Ratio Lower Upper

330 100

332 93.9 76.2 114.4

141 32.4 44.6 66.8#

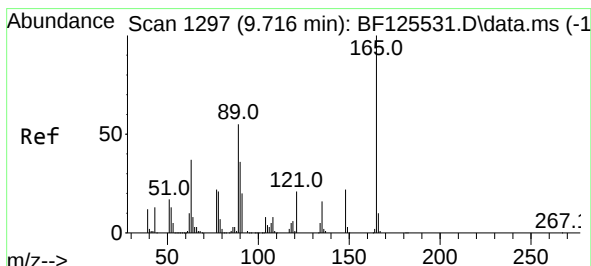
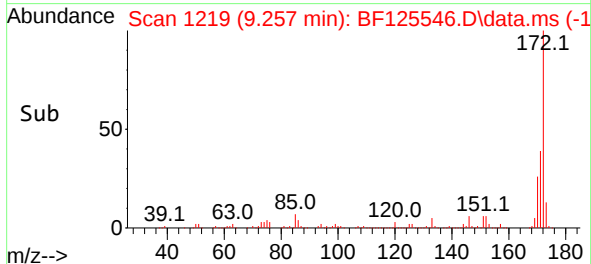
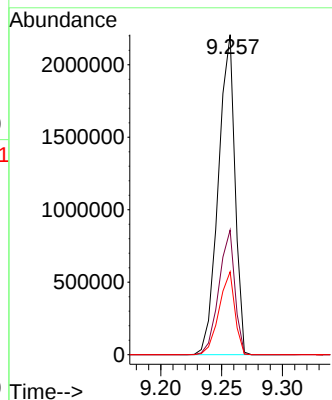
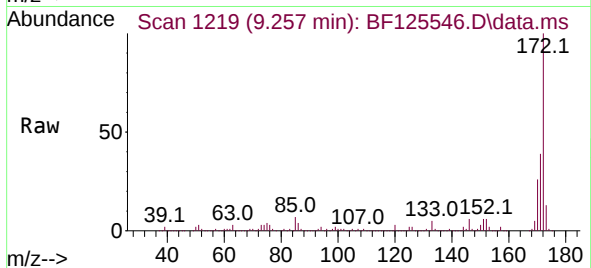




#45
2-Fluorobiphenyl
Concen: 89.204 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

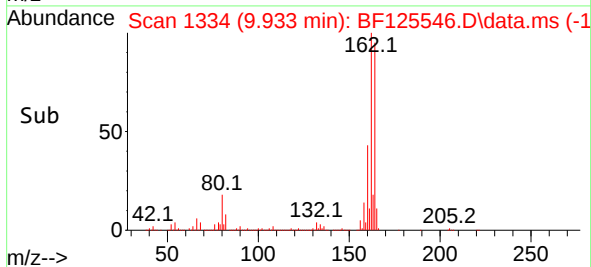
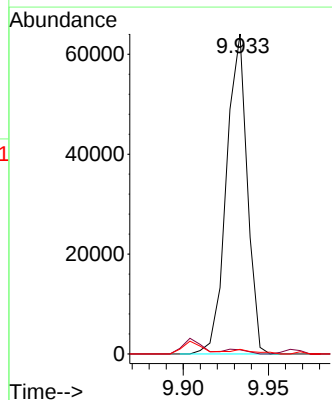
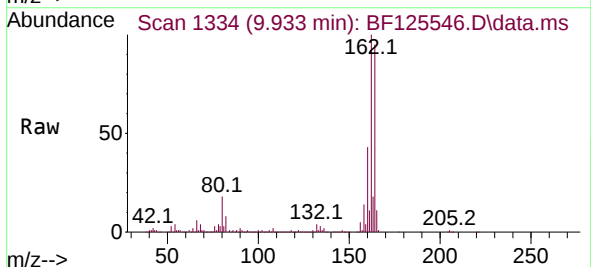
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

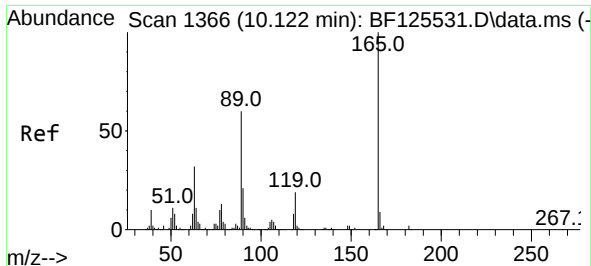
Tgt Ion:172 Resp: 2101910
Ion Ratio Lower Upper
172 100
171 38.9 26.5 39.7
170 25.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.238 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:165 Resp: 54301
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.5 40.6 60.8#

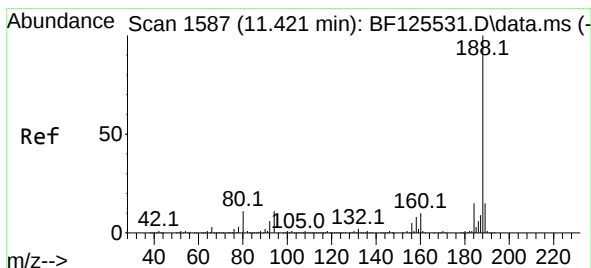
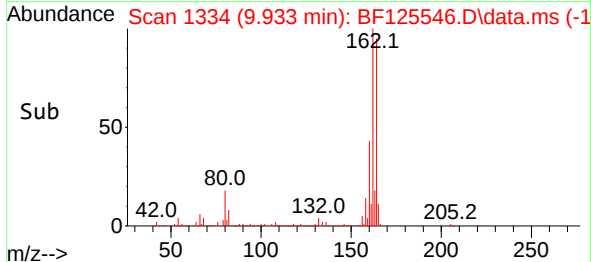
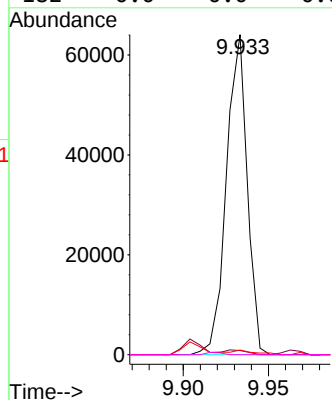
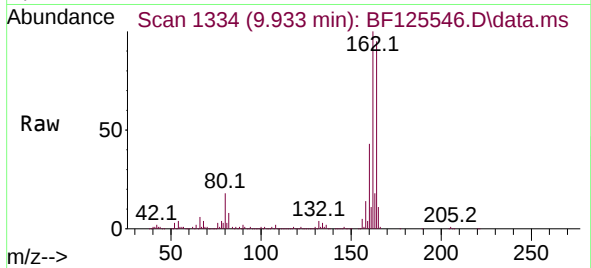




#57
2,4-Dinitrotoluene
Concen: 7.709 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

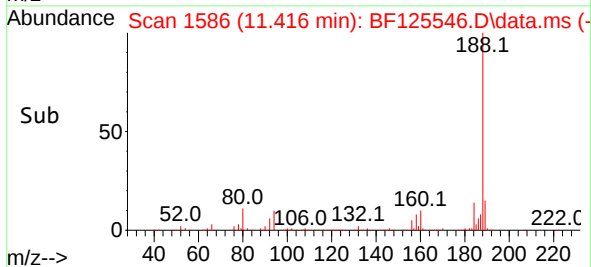
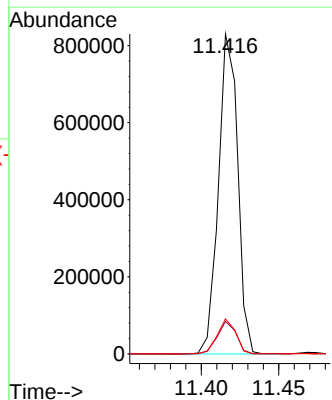
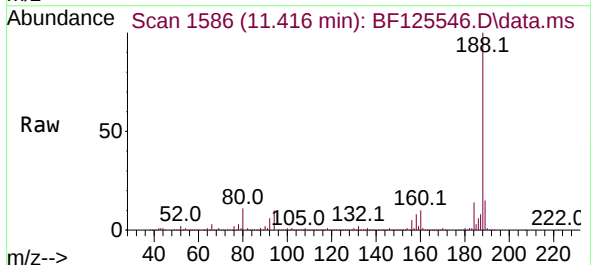
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

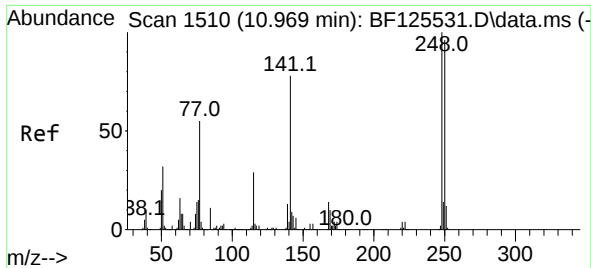
Tgt Ion:165	Resp:	54301
Ion Ratio	Lower	Upper
165	100	
63	1.3	40.9 61.3#
89	1.5	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:188	Resp:	718174
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	10.9	7.5 11.3

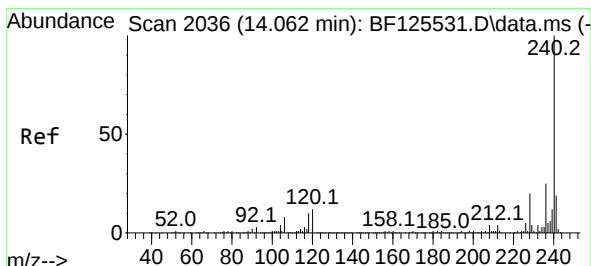
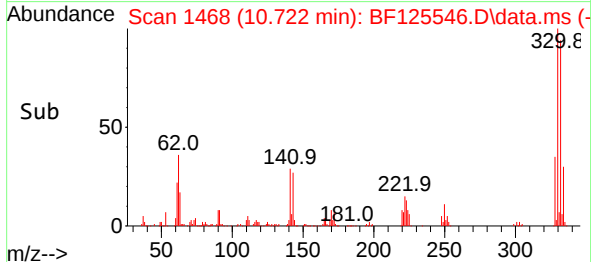
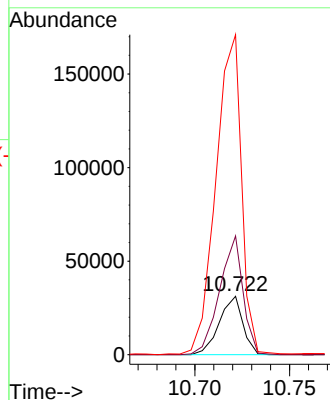
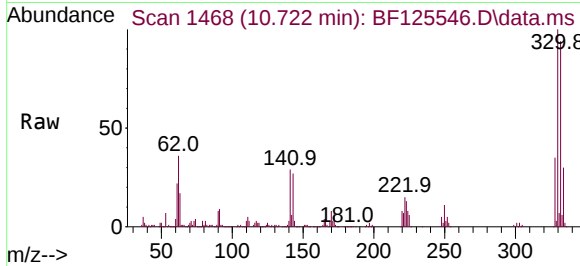




#67
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

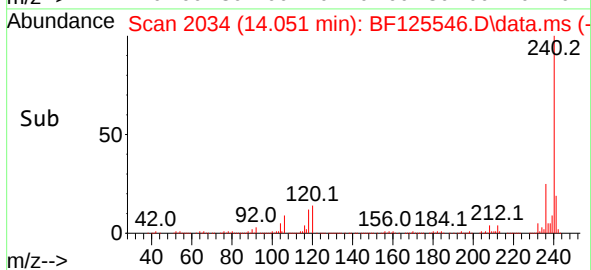
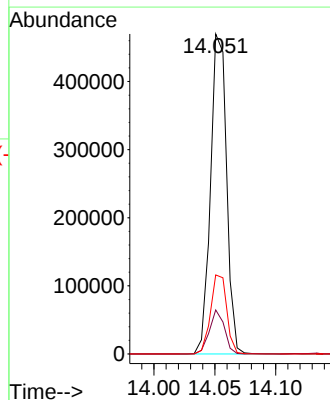
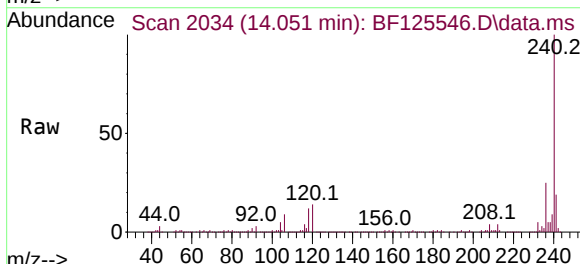
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

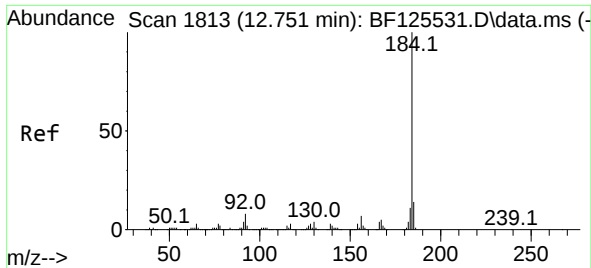
Tgt Ion:248 Resp: 27036
Ion Ratio Lower Upper
248 100
250 203.1 74.2 111.4#
141 547.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:240 Resp: 430269
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 24.7 21.6 32.4

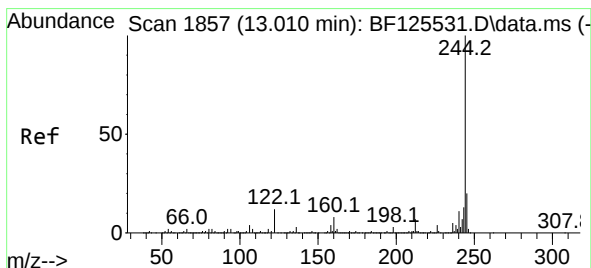
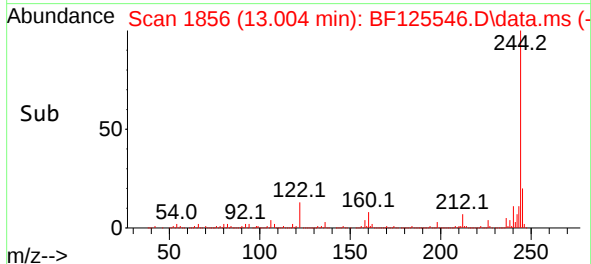
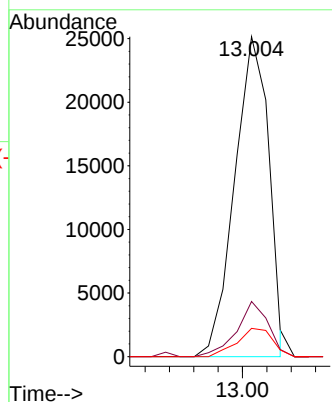
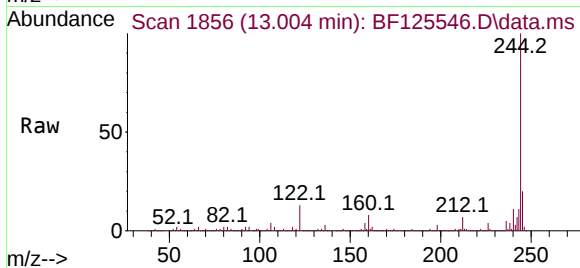




#77
Benzidine
Concen: 2.009 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

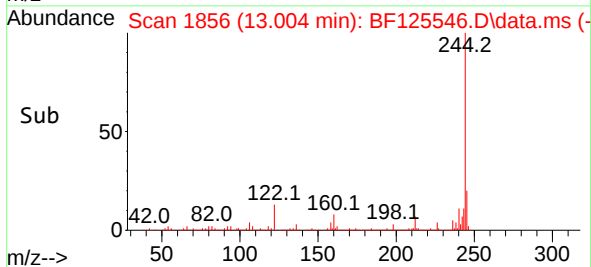
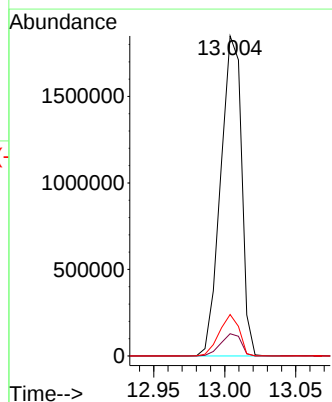
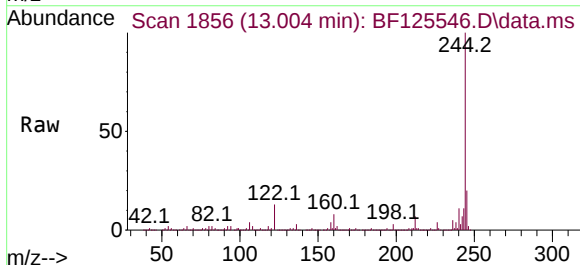
Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(1.0)

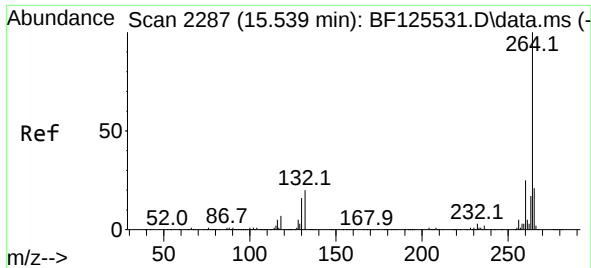
Tgt Ion:184 Resp: 24515
Ion Ratio Lower Upper
184 100
185 17.2 10.8 16.2#
183 8.8 8.1 12.1



#79
Terphenyl-d14
Concen: 70.979 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125546.D
Acq: 21 Sep 2021 20:44

Tgt Ion:244 Resp: 1891234
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 13.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125546.D
 Acq: 21 Sep 2021 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-04-(1.0)

Tgt Ion:264	Resp:	409709
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.6 29.4
265	21.2	17.2 25.8

