

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123778.D
 Acq On : 3 May 2021 14:01
 Operator : JU/CG
 Sample : PB136124BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136124BL

Quant Time: May 03 14:29:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 03 14:28:48 2021
 Response via : Initial Calibration

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

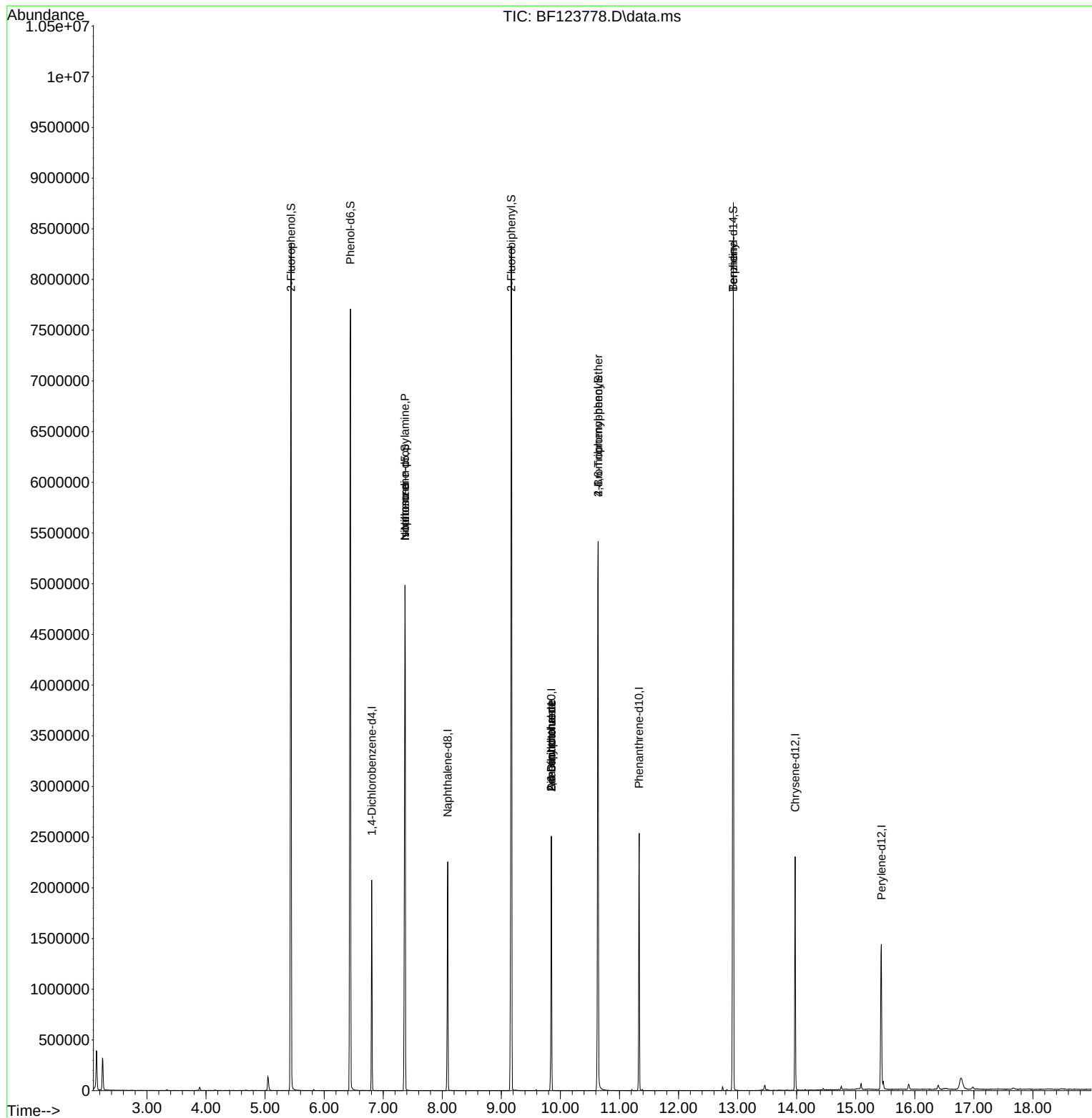
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	257455	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	968301	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	462848	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	879101	20.00	ng	0.00
76) Chrysene-d12	13.974	240	743854	20.00	ng	-0.01
86) Perylene-d12	15.433	264	672441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2057008	126.58	ng	0.02
7) Phenol-d6	6.445	99	2602308	116.25	ng	0.00
23) Nitrobenzene-d5	7.369	82	1855397	86.50	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	691928	120.09	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2733517	86.01	ng	0.00
79) Terphenyl-d14	12.927	244	2967980	76.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	257272	18.61	ng	Qvalue # 75
25) Isophorone	7.369	82	1852225	46.05	ng	# 69
50) Dimethylphthalate	9.845	163	99269	3.05	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	59965	7.96	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	59965	5.84	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	38440	4.15	ng	# 1
77) Benzidine	12.927	184	40168	2.09	ng	100

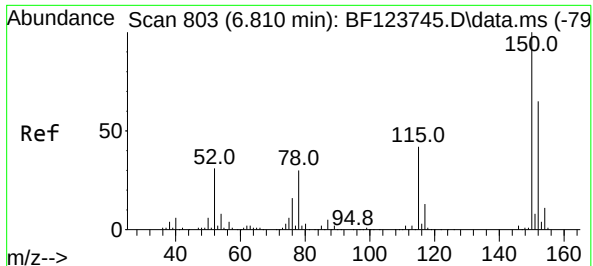
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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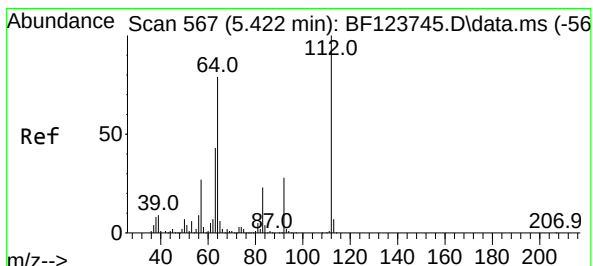
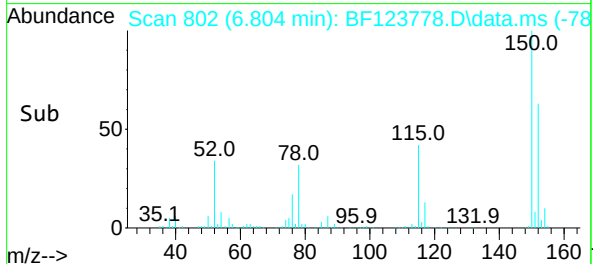
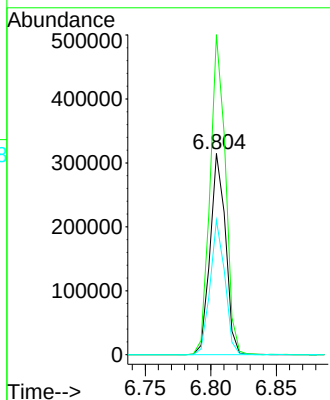
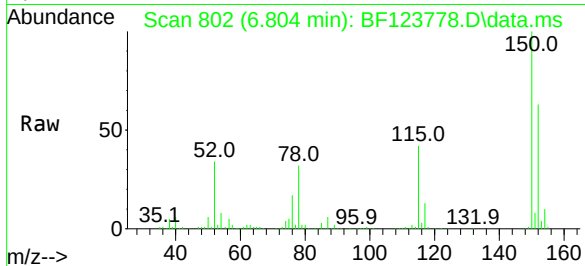




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

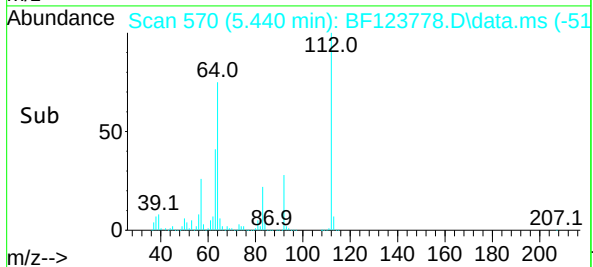
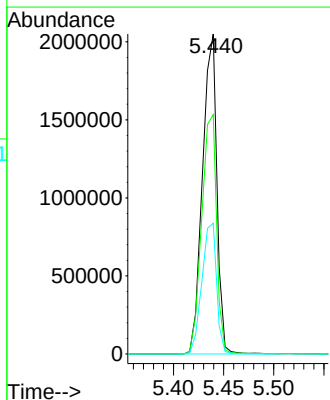
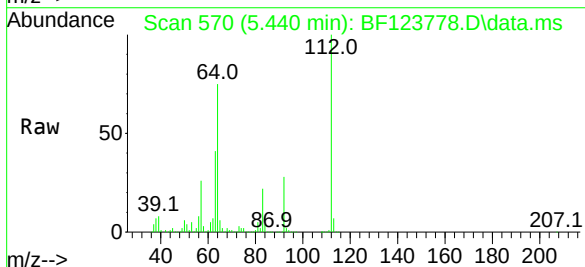
Instrument :
BNA_F
ClientSampleId :
PB136124BL

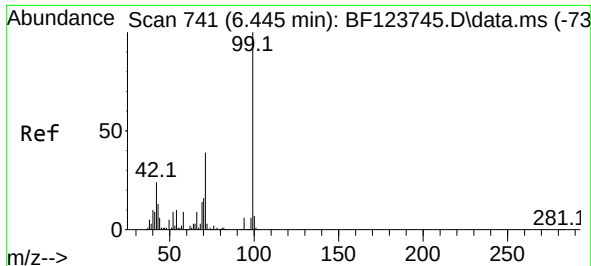
Tgt Ion:152 Resp: 257455
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 66.9 54.3 81.5



#5
2-Fluorophenol
Concen: 126.58 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion:112 Resp: 2057008
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 40.9 33.0 49.4



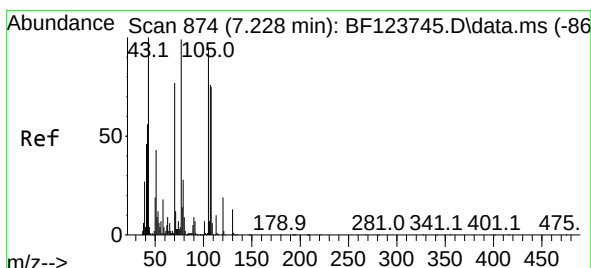
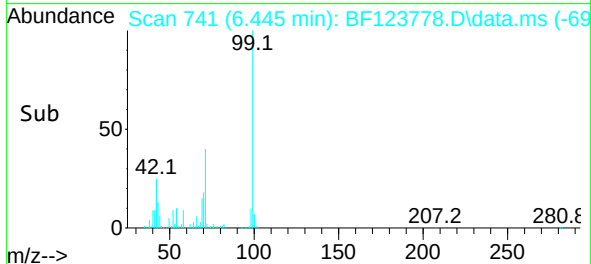
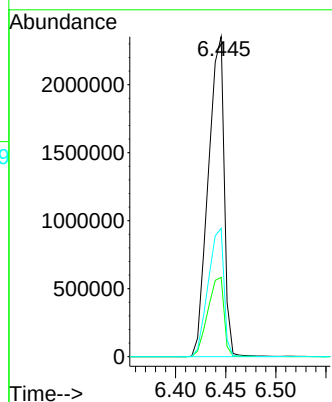
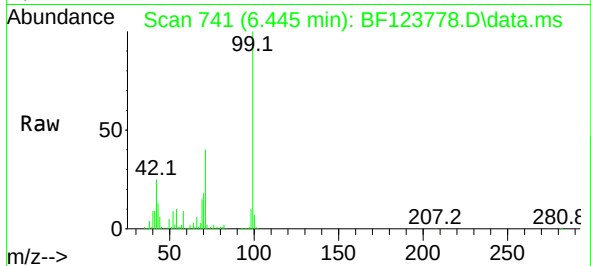


#7
Phenol-d6
Concen: 116.25 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Instrument :
BNA_F
ClientSampleId :
PB136124BL

Tgt Ion: 99 Resp: 2602308

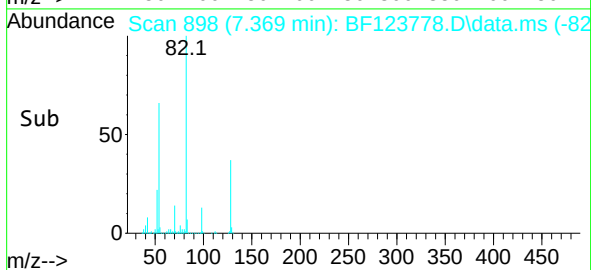
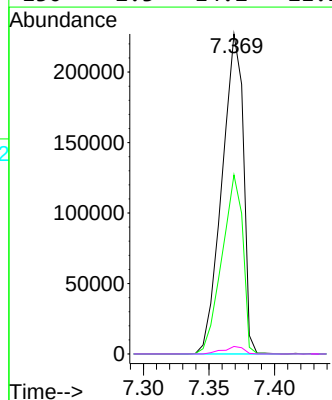
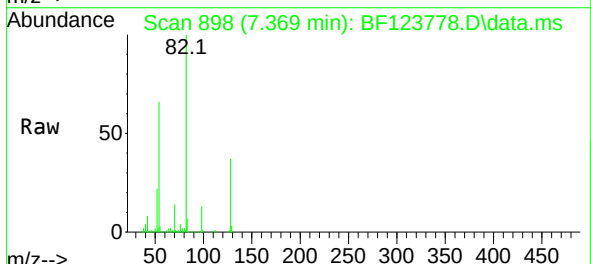
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	40.1	31.1	46.7

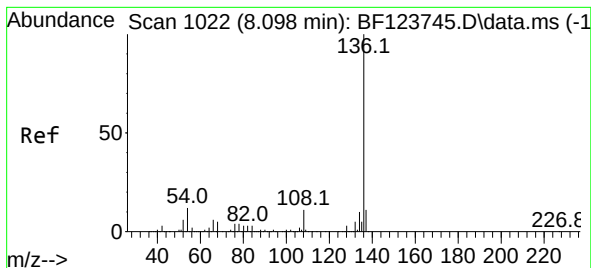


#19
n-Nitroso-di-n-propylamine
Concen: 18.61 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion: 70 Resp: 257272

Ion	Ratio	Lower	Upper
70	100		
42	56.0	60.1	90.1#
101	0.0	7.4	11.2#
130	2.3	14.2	21.2#



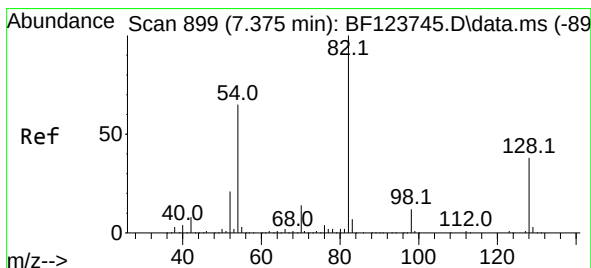
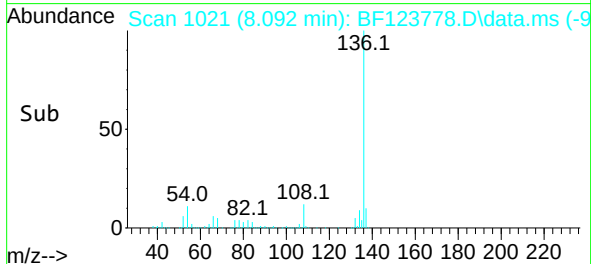
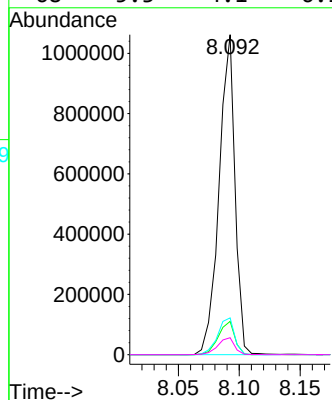
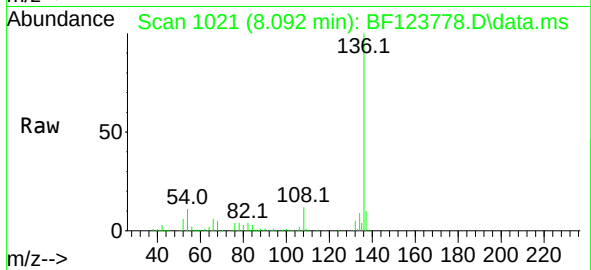


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Instrument :
BNA_F
ClientSampleId :
PB136124BL

Tgt Ion:136 Resp: 968301

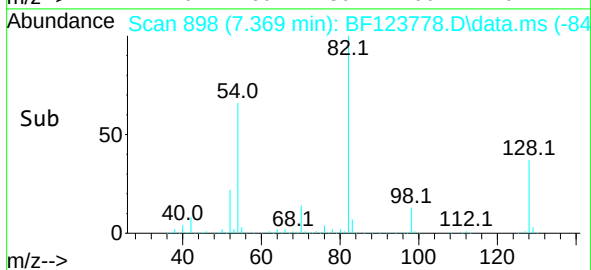
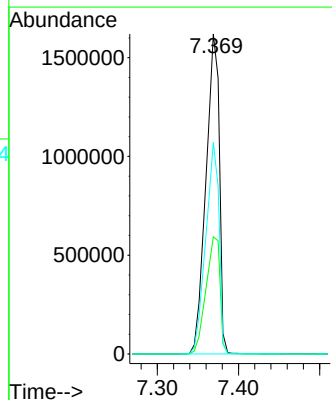
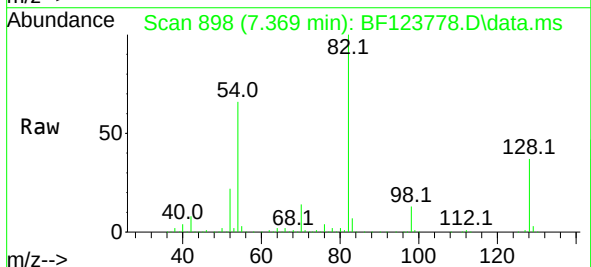
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	11.5	9.8	14.6
68	5.3	4.1	6.1

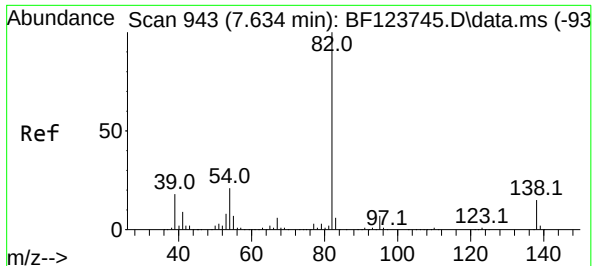


#23
Nitrobenzene-d5
Concen: 86.50 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion: 82 Resp: 1855397

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.4	44.2
54	66.1	54.1	81.1

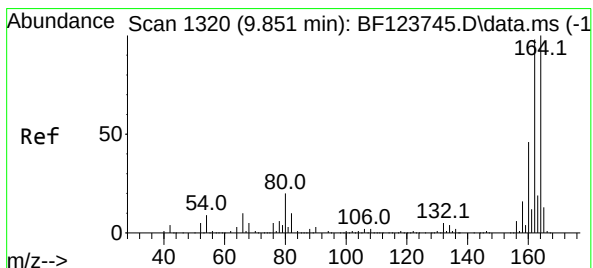
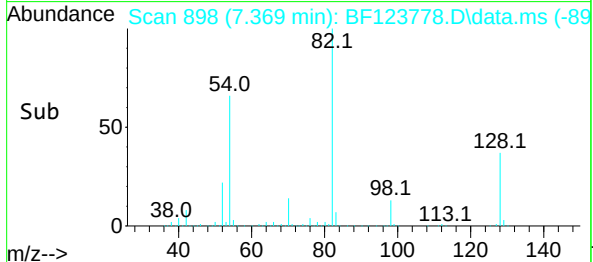
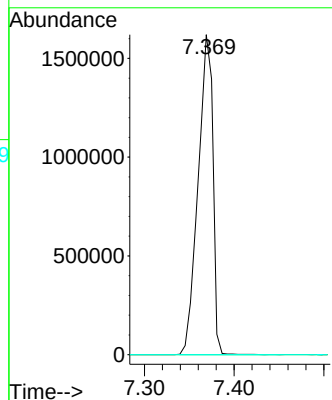
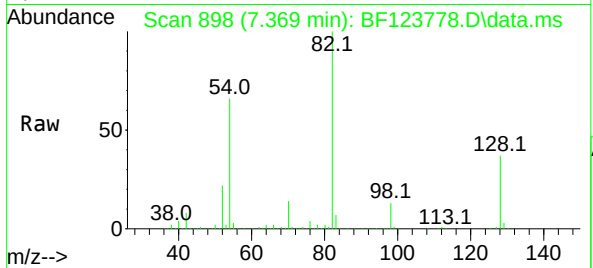




#25
Isophorone
Concen: 46.05 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

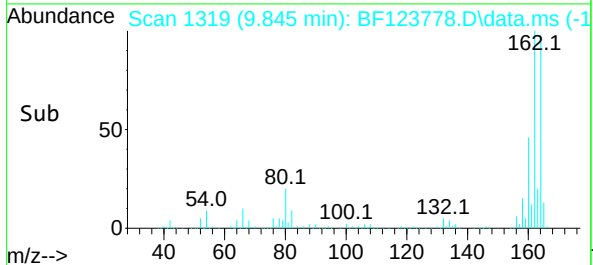
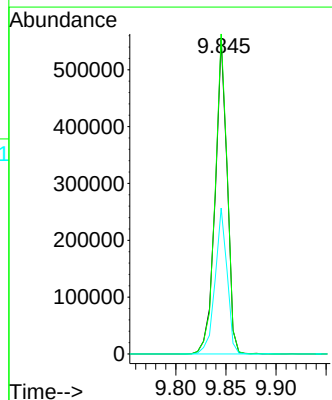
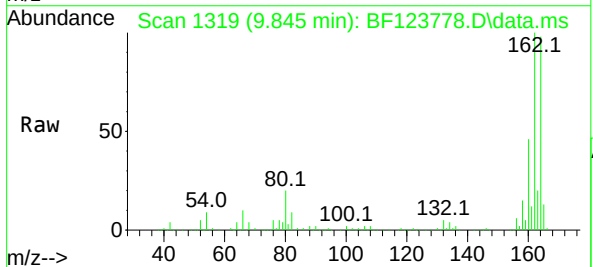
Instrument :
BNA_F
ClientSampleId :
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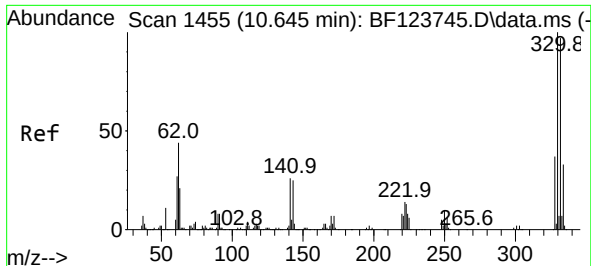
Tgt Ion: 82 Resp: 1852225
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion:164 Resp: 462848
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 46.5 37.3 55.9

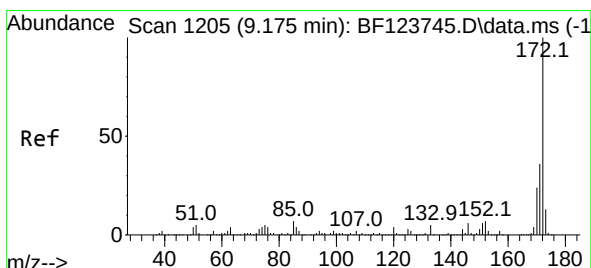
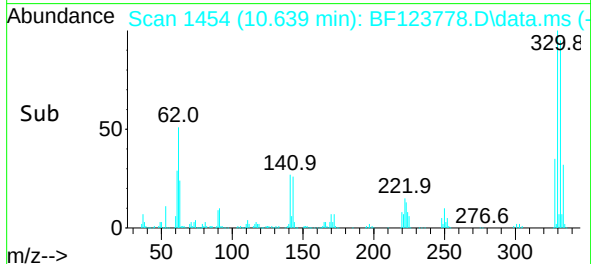
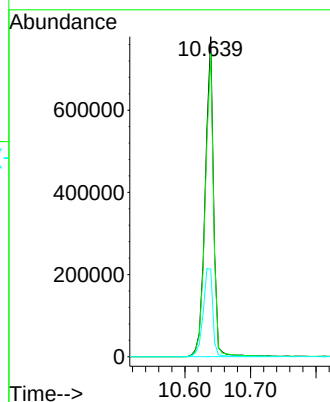
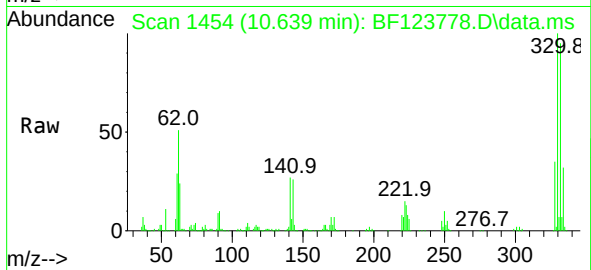




#42
2,4,6-Tribromophenol
Concen: 120.09 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

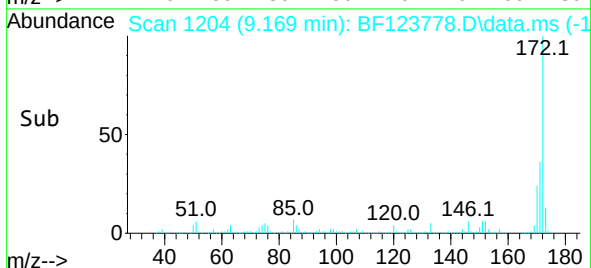
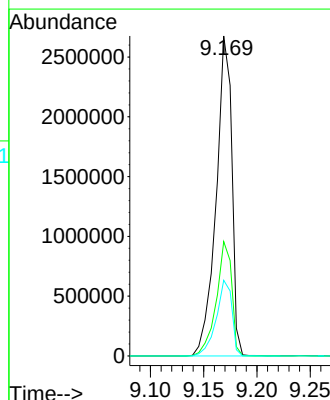
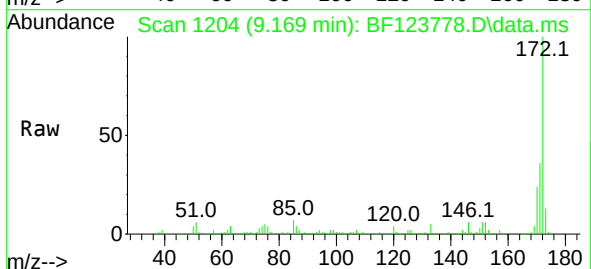
Instrument :
BNA_F
ClientSampleId :
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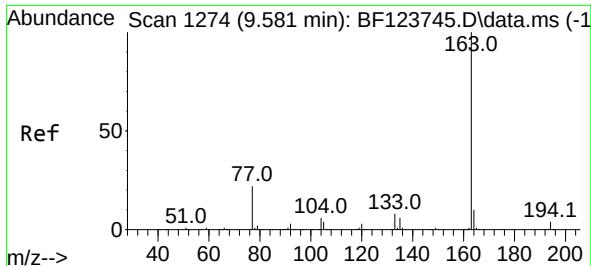
Tgt Ion:330 Resp: 691928
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 31.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 86.01 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion:172 Resp: 2733517
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.7 19.2 28.8

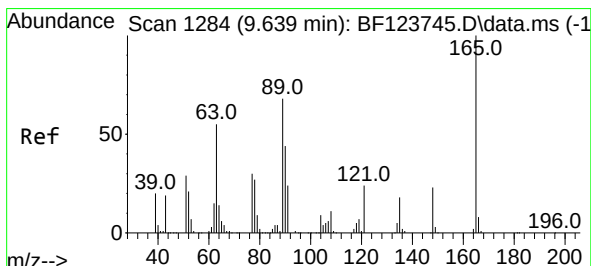
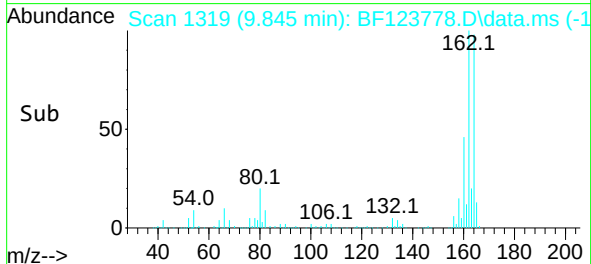
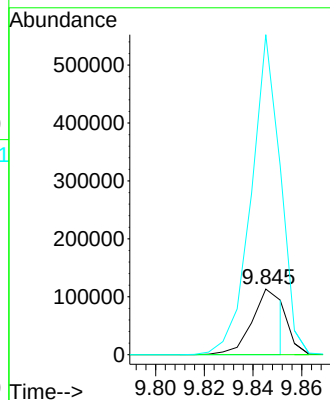
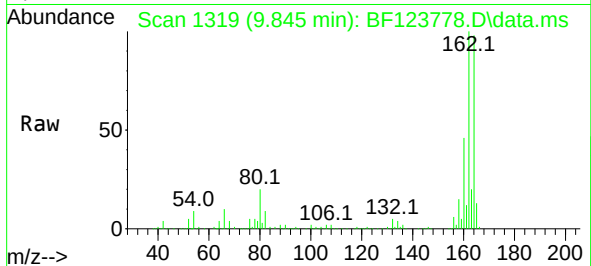




#50
Dimethylphthalate
Concen: 3.05 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.265 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

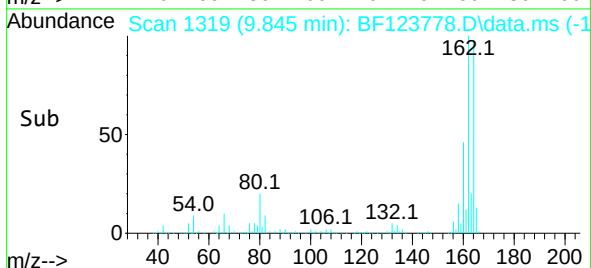
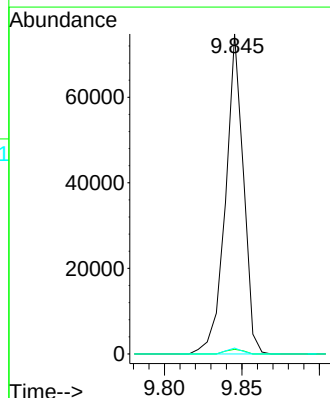
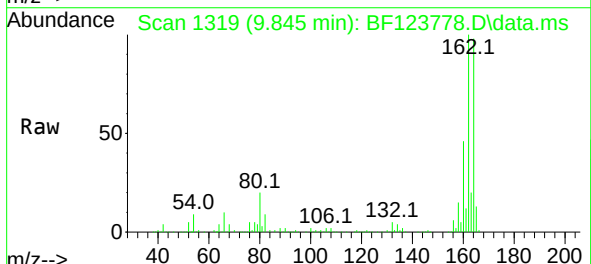
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BNA_F
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PB136124BL

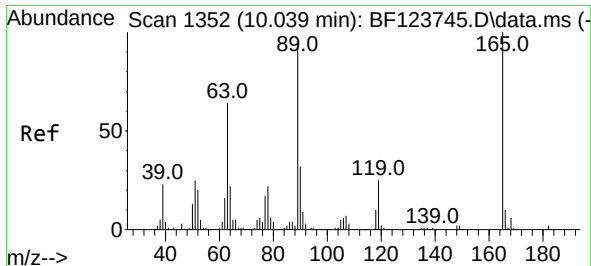
Tgt Ion:163 Resp: 99269
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 487.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

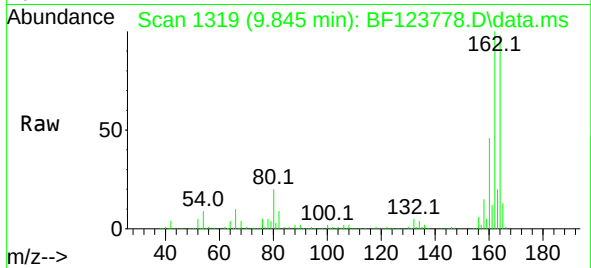
Tgt Ion:165 Resp: 59965
Ion Ratio Lower Upper
165 100
63 1.4 67.7 101.5#
89 1.9 58.8 88.2#



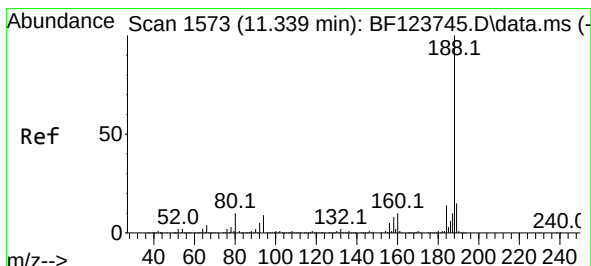
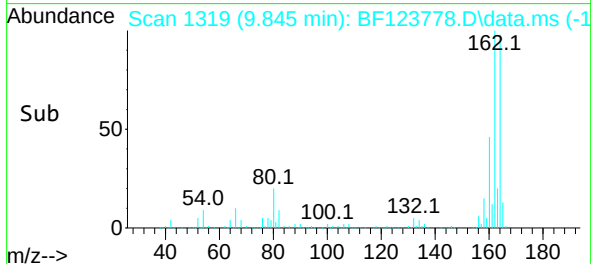
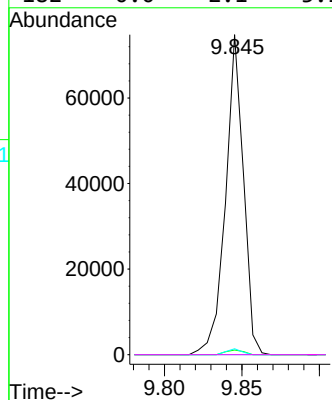


#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Instrument :
BNA_F
ClientSampleId :
PB136124BL

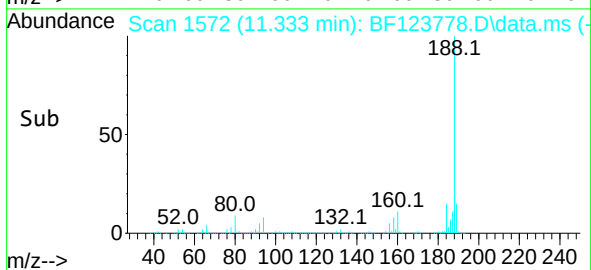
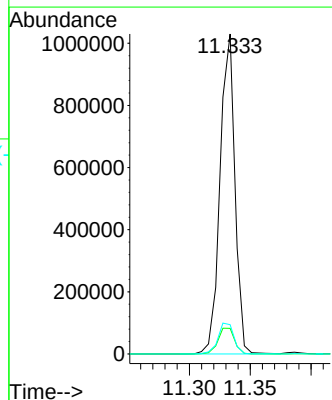
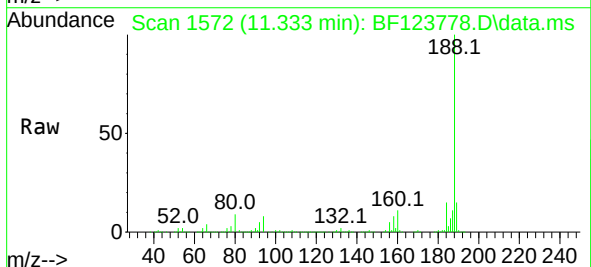


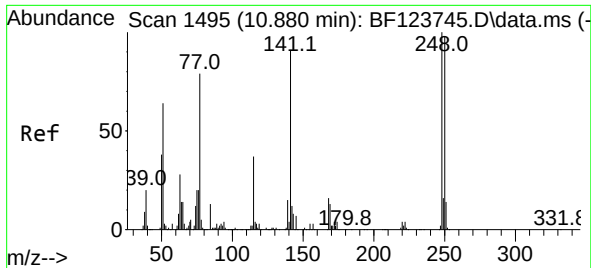
Tgt Ion:165 Resp: 59965
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 1.9 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

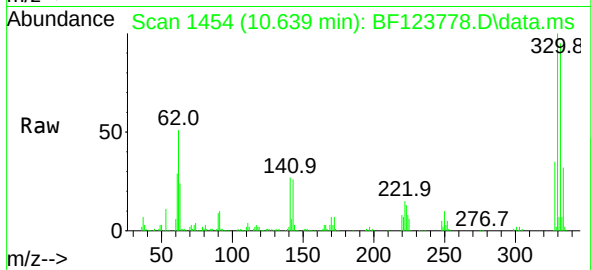
Tgt Ion:188 Resp: 879101
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.2 8.2 12.2



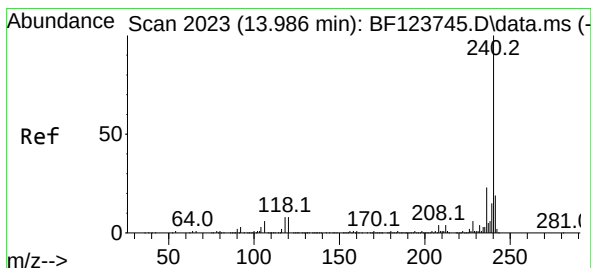
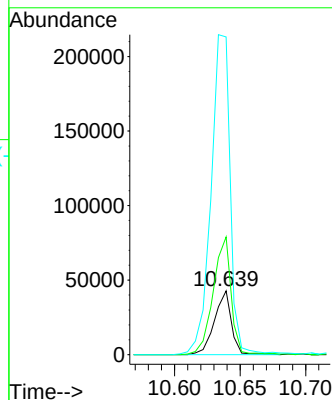
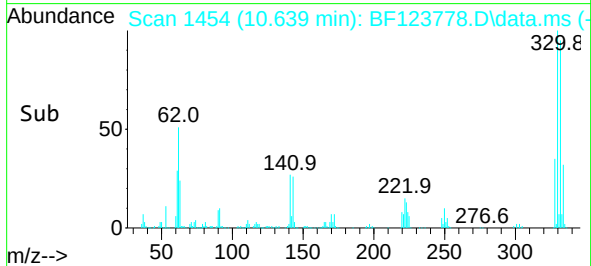


#67
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

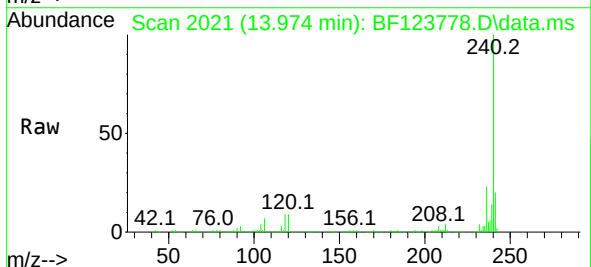
Instrument :
BNA_F
ClientSampleId :
PB136124BL



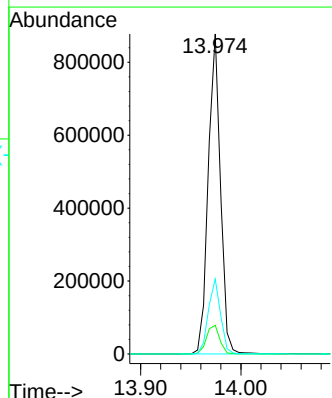
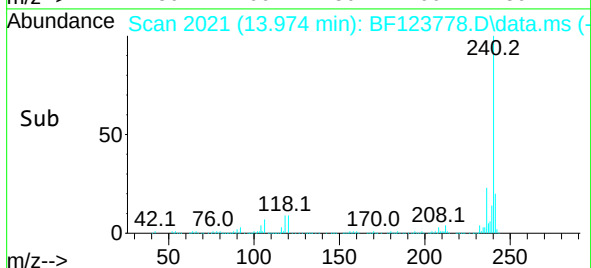
Tgt Ion:248 Resp: 38440
Ion Ratio Lower Upper
248 100
250 184.7 77.4 116.2#
141 498.1 63.7 95.5#

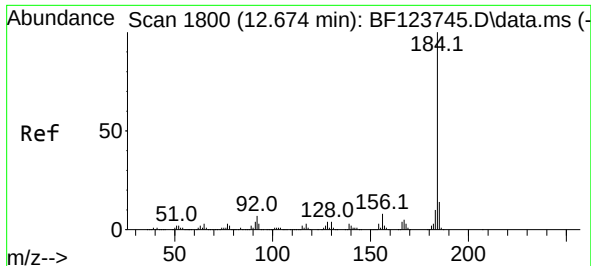


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01



Tgt Ion:240 Resp: 743854
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 23.4 19.0 28.4

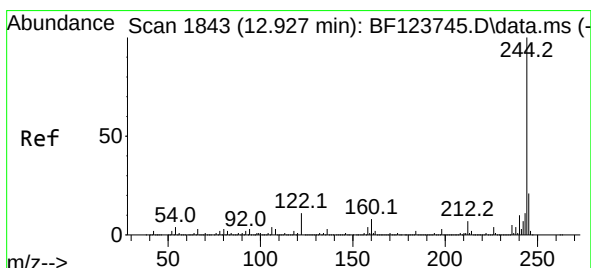
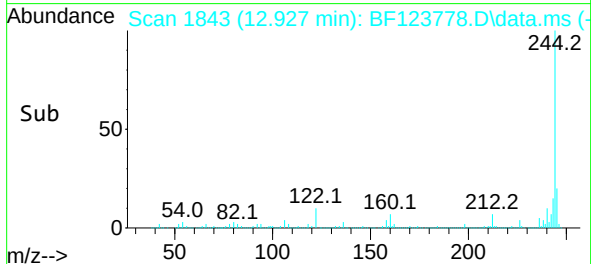
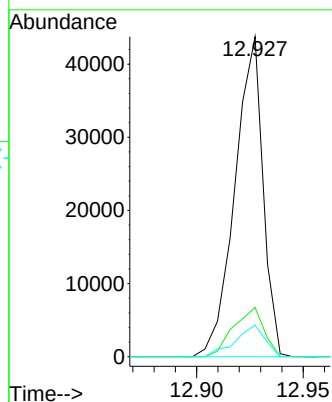
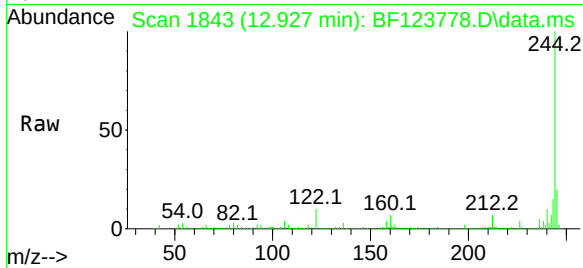




#77
Benzidine
Concen: 2.09 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

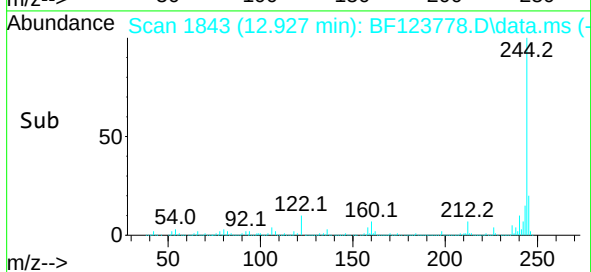
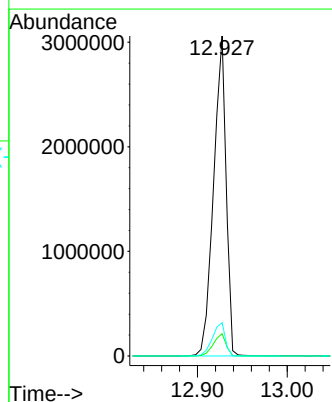
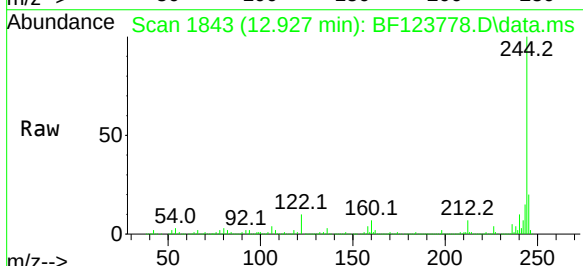
Instrument :
BNA_F
ClientSampleId :
PB136124BL

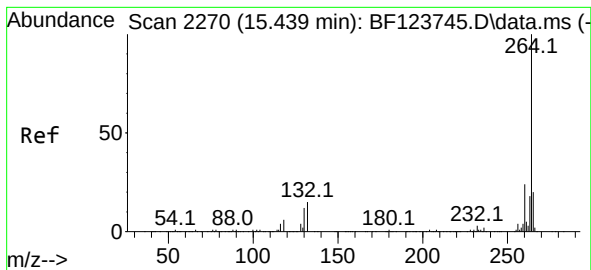
Tgt Ion:184 Resp: 40168
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 9.9 7.8 11.8



#79
Terphenyl-d14
Concen: 76.83 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Tgt Ion:244 Resp: 2967980
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123778.D
Acq: 3 May 2021 14:01

Instrument :
BNA_F
ClientSampleId :
PB136124BL

Tgt Ion:264 Resp: 672441

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.5	17.8	26.8

