

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123812.D
 Acq On : 4 May 2021 17:10
 Operator : JU/CG
 Sample : M2263-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: May 04 17:35:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

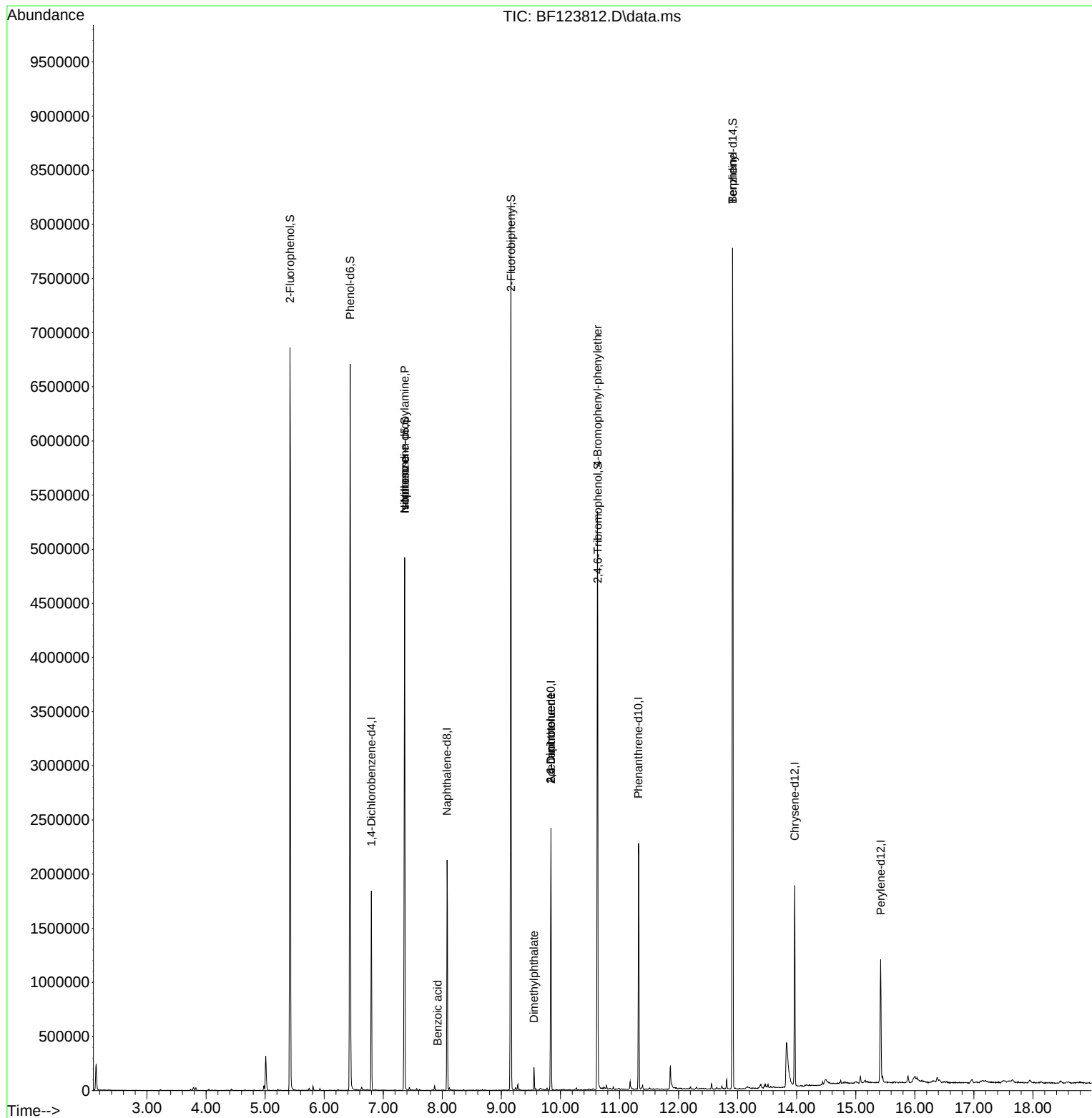
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	222001	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	847720	20.00	ng	0.00
39) Acenaphthene-d10	9.839	164	437494	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	848601	20.00	ng	0.00
76) Chrysene-d12	13.968	240	618063	20.00	ng	0.00
86) Perylene-d12	15.421	264	499448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1609017	114.82	ng	0.00
7) Phenol-d6	6.440	99	2135602	110.63	ng	0.00
23) Nitrobenzene-d5	7.363	82	1493118	79.51	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	637440	117.04	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2252621	74.98	ng	0.00
79) Terphenyl-d14	12.916	244	2541082	79.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	203984	17.11	ng	Qvalue
25) Isophorone	7.363	82	1490131	42.32	ng	# 74
32) Benzoic acid	7.922	122	121	5.40	ng	# 69
50) Dimethylphthalate	9.551	163	65464	2.12	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	57365	8.05	ng	# 98
57) 2,4-Dinitrotoluene	9.839	165	57365	5.91	ng	# 11
67) 4-Bromophenyl-phenylether	10.627	248	34141	3.82	ng	# 16
77) Benzidine	12.916	184	34676	2.17	ng	# 1

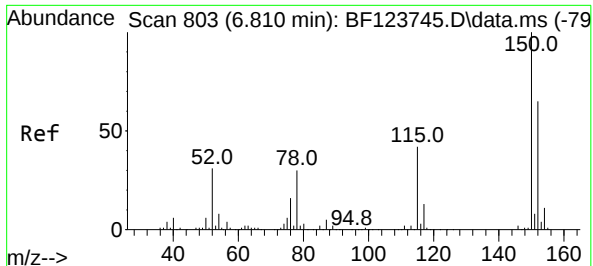
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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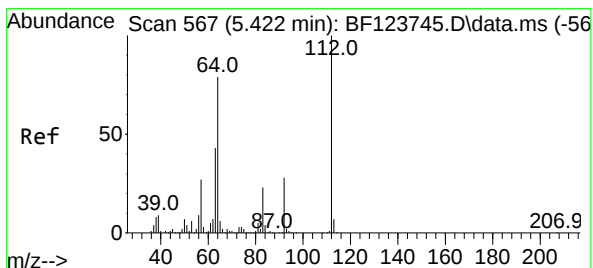
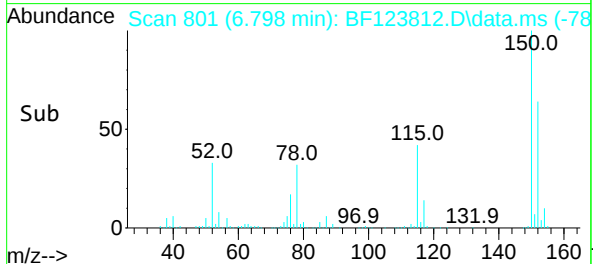
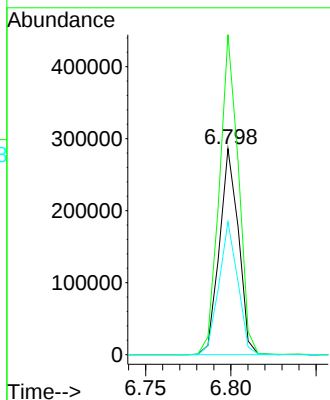
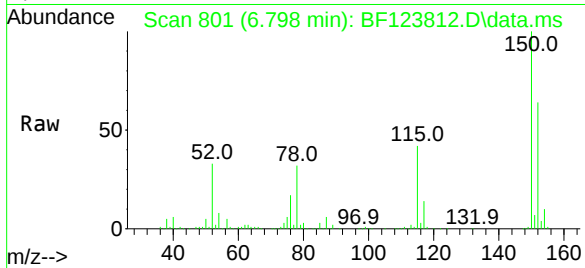




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

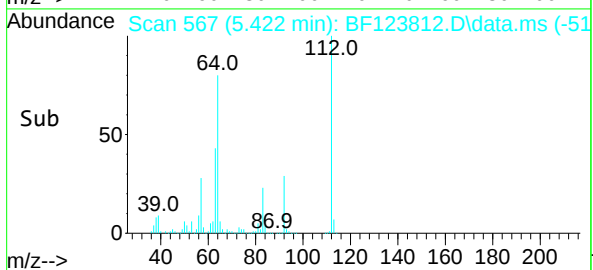
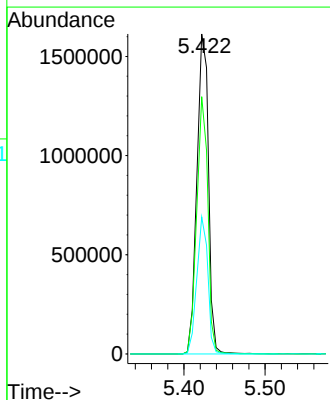
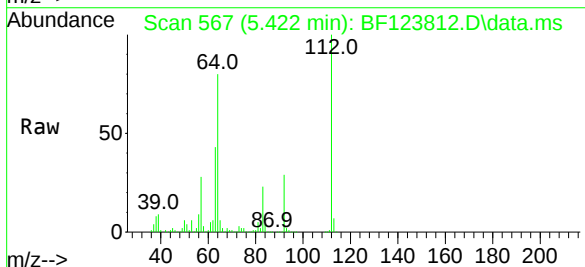
Instrument :
BNA_F
ClientSampleId :
S-1

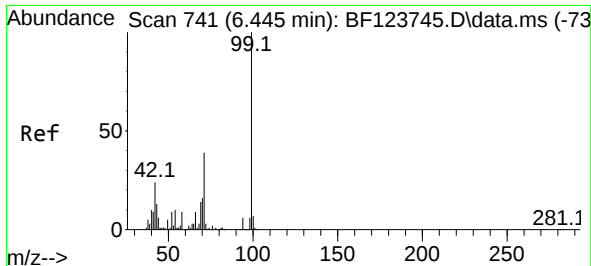
Tgt Ion:152 Resp: 222001
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 114.82 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion:112 Resp: 1609017
Ion Ratio Lower Upper
112 100
64 80.4 61.4 92.0
63 42.8 33.0 49.4

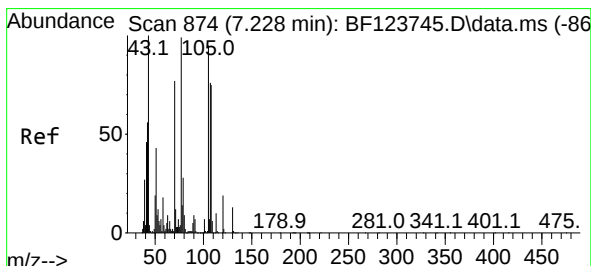
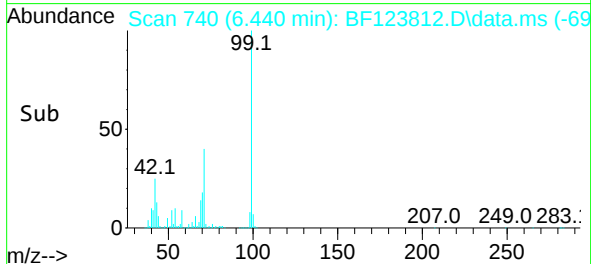
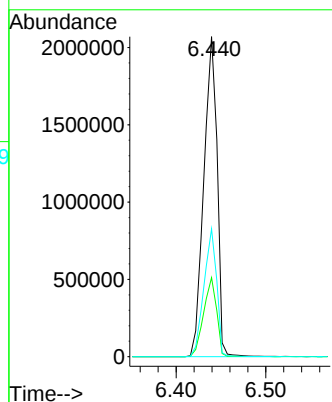
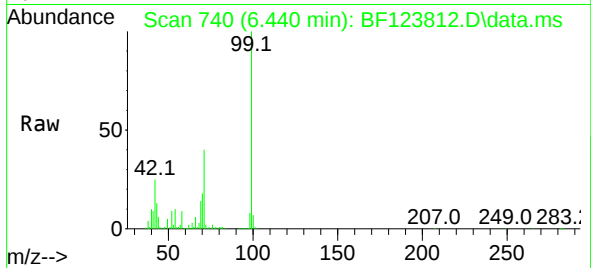




#7
Phenol-d6
Concen: 110.63 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

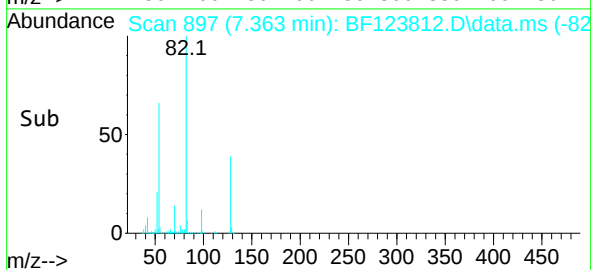
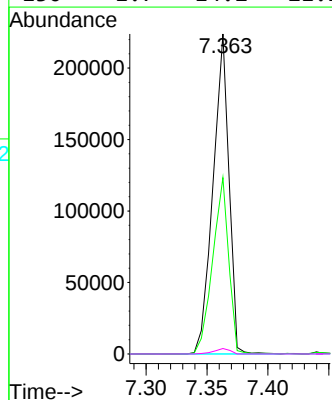
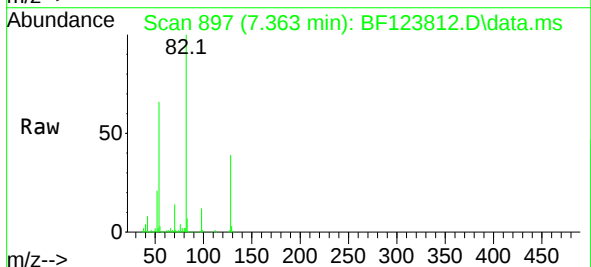
Instrument :
BNA_F
ClientSampleId :
S-1

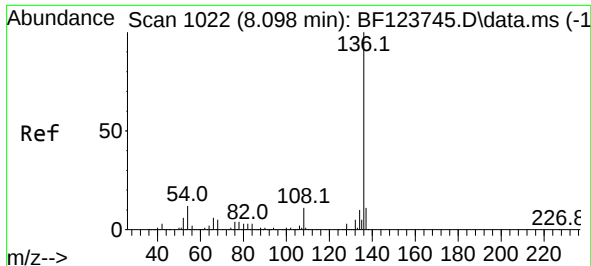
Tgt Ion: 99 Resp: 2135602
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 40.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion: 70 Resp: 203984
Ion Ratio Lower Upper
70 100
42 55.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



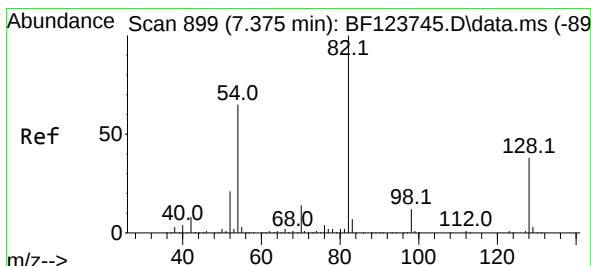
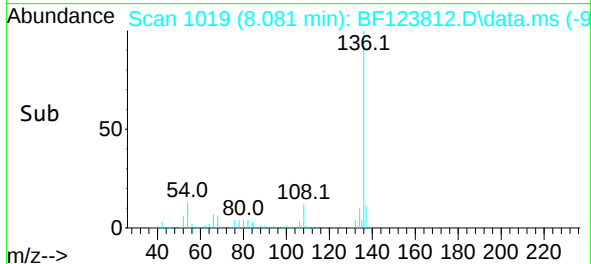
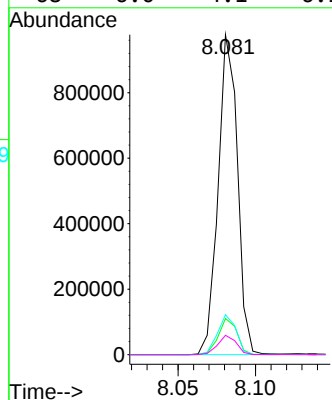
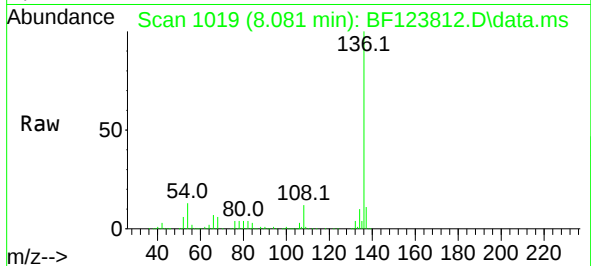


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:136 Resp: 847720

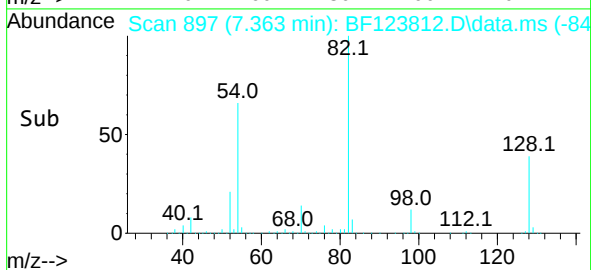
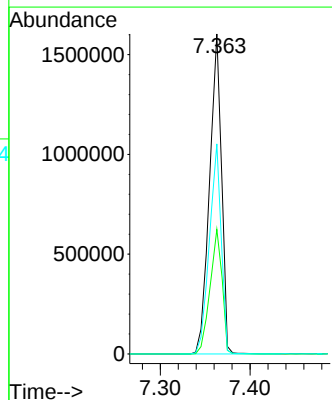
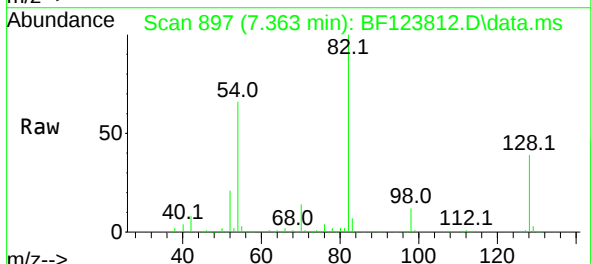
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.5	9.8	14.6
68	6.0	4.1	6.1

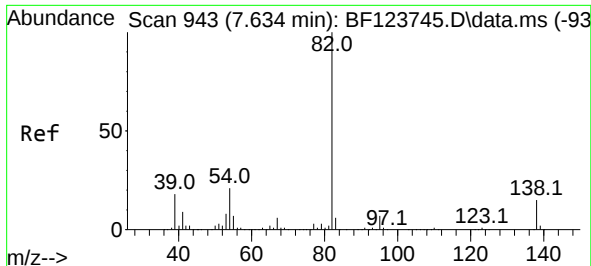


#23
Nitrobenzene-d5
Concen: 79.51 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion: 82 Resp: 1493118

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.4	44.2
54	65.6	54.1	81.1

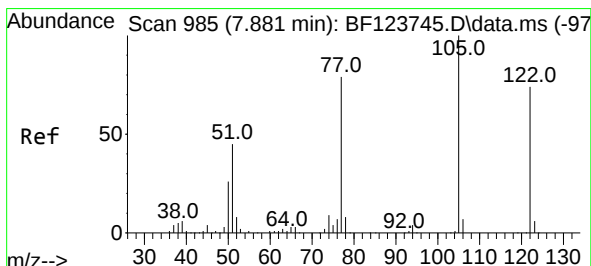
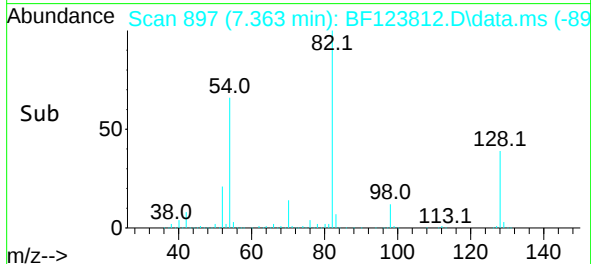
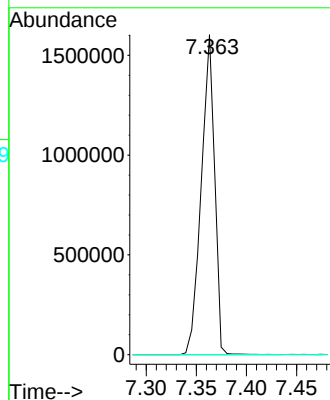
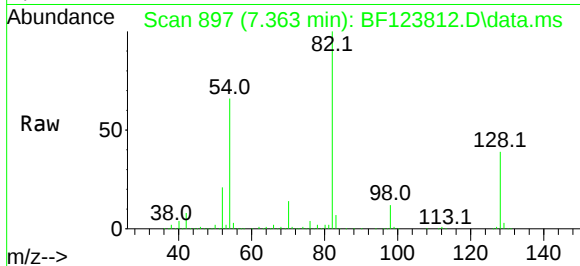




#25
Isophorone
Concen: 42.32 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

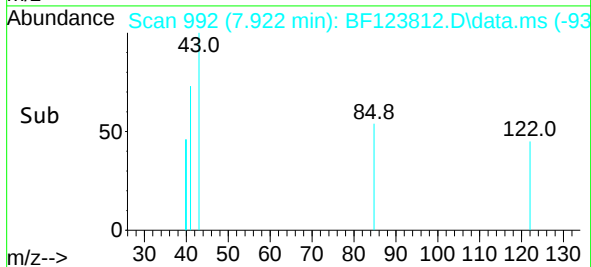
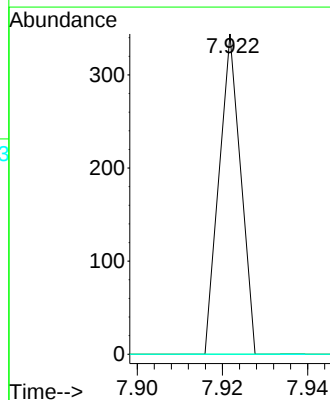
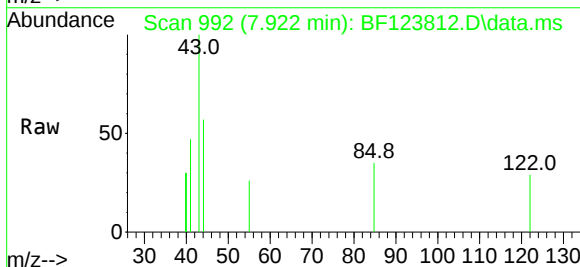
Instrument :
BNA_F
ClientSampleId :
S-1

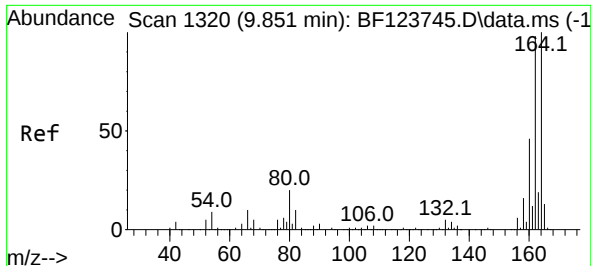
Tgt Ion: 82 Resp: 1490131
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.041 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion: 122 Resp: 121
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

Instrument :

BNA_F

ClientSampleId :

S-1

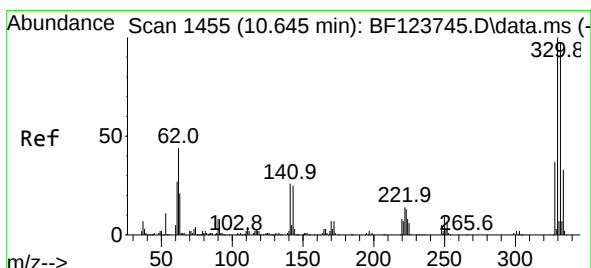
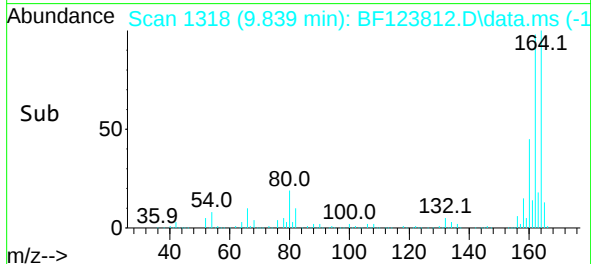
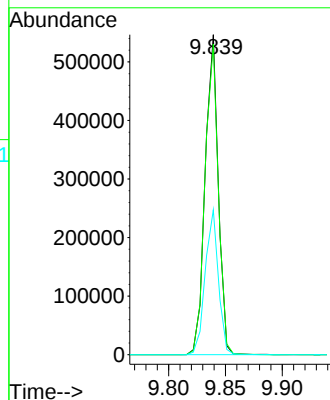
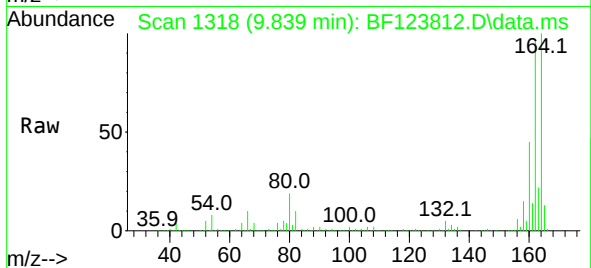
Tgt Ion:164 Resp: 437494

Ion Ratio Lower Upper

164 100

162 97.1 80.7 121.1

160 45.2 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 117.04 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

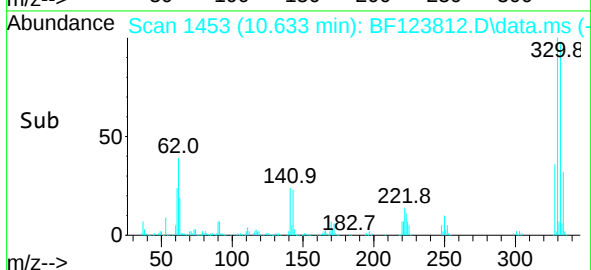
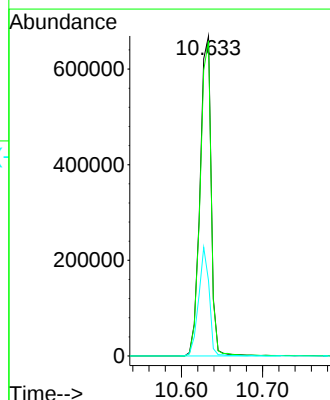
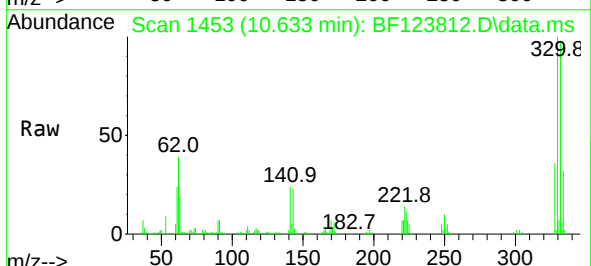
Tgt Ion:330 Resp: 637440

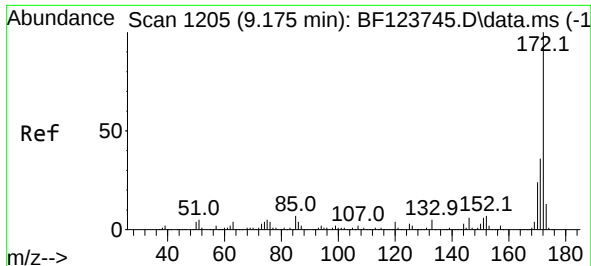
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 32.2 27.9 41.9

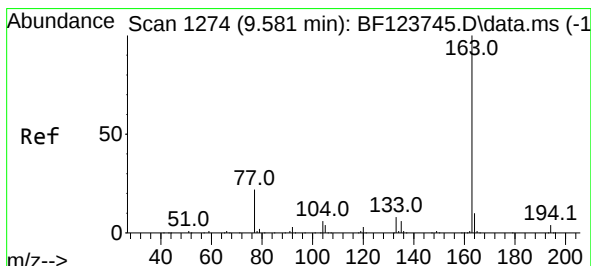
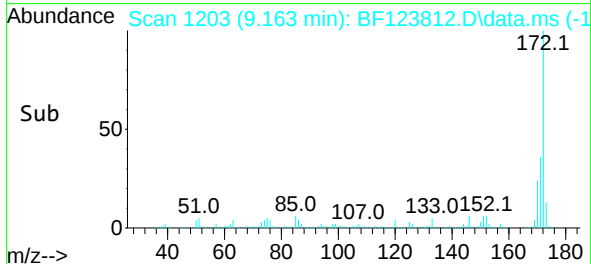
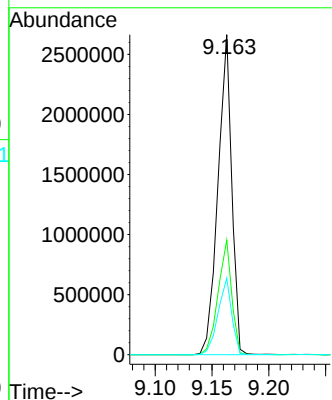
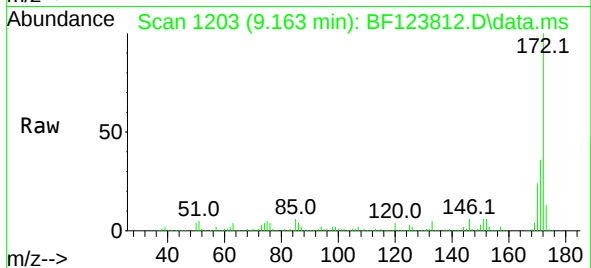




#45
2-Fluorobiphenyl
Concen: 74.98 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

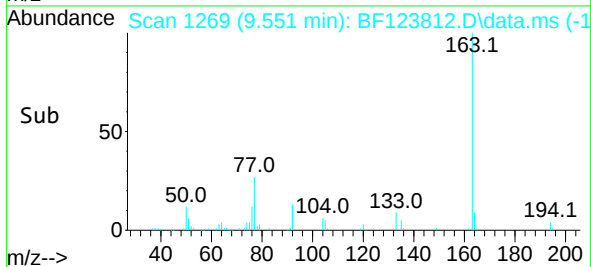
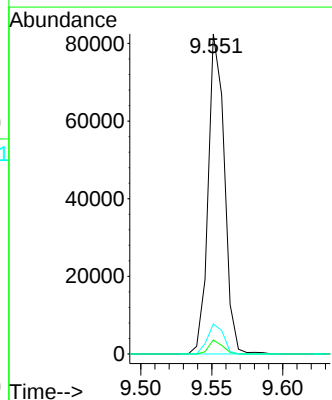
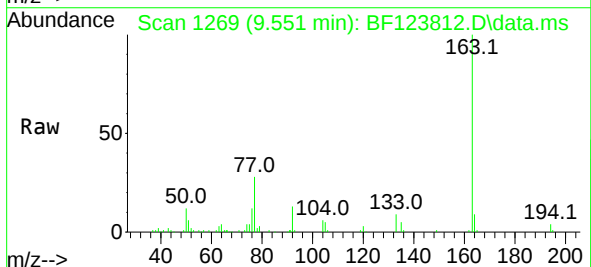
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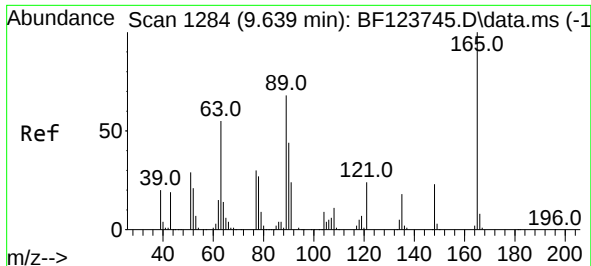
Tgt Ion:172 Resp: 2252621
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 2.12 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.018 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion:163 Resp: 65464
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 9.3 8.2 12.2

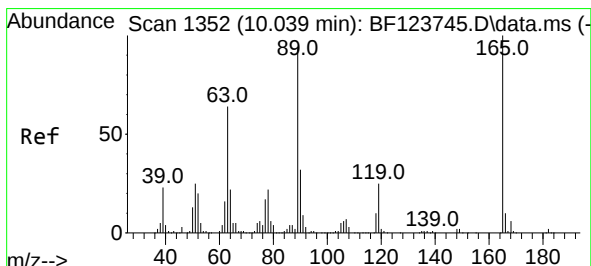
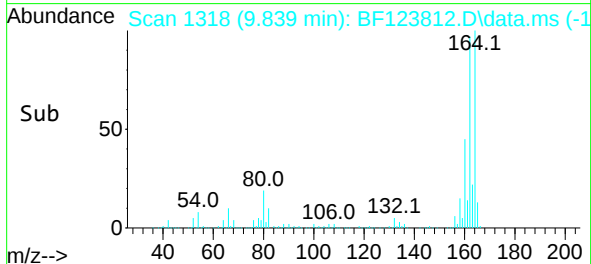
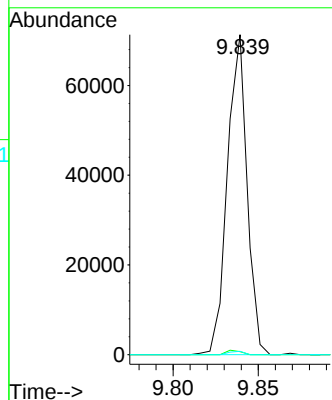
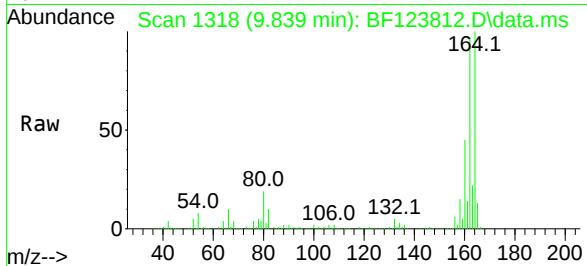




#51
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

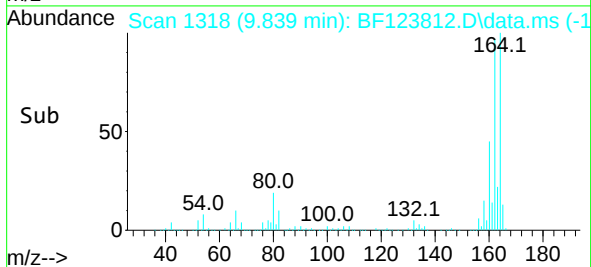
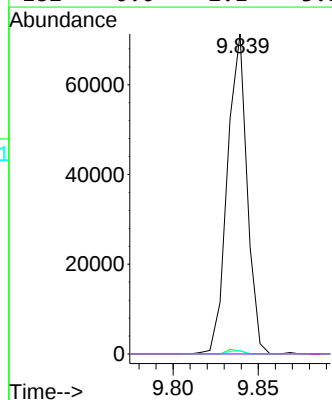
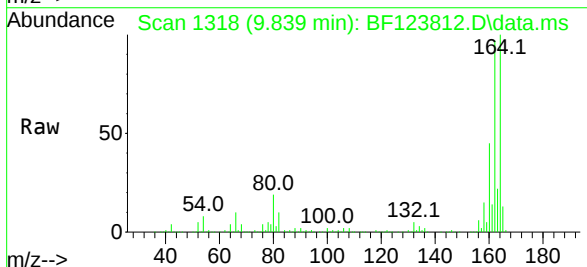
Instrument :
BNA_F
ClientSampleId :
S-1

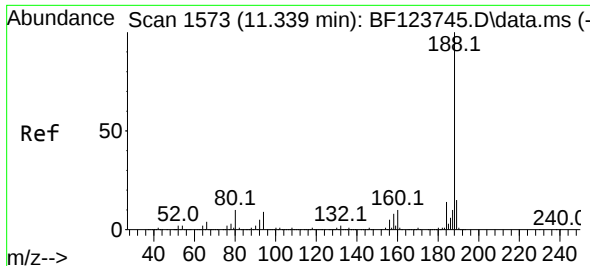
Tgt Ion:165 Resp: 57365
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 1.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion:165 Resp: 57365
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.0 67.7 101.5#
182 0.0 2.1 3.1#

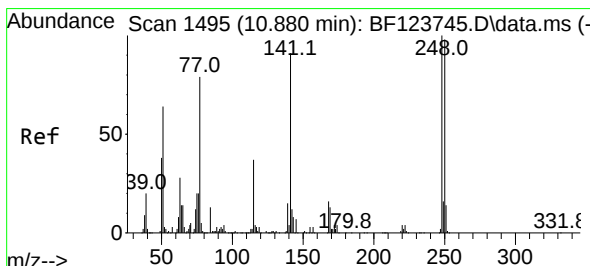
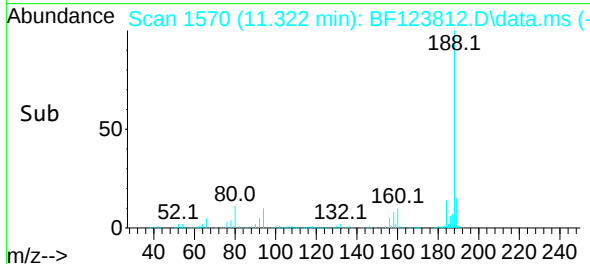
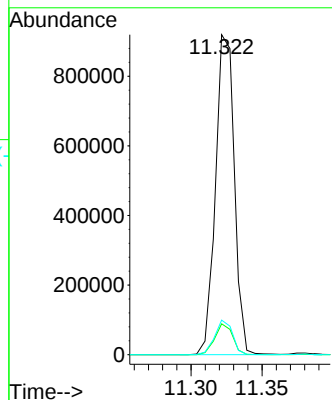
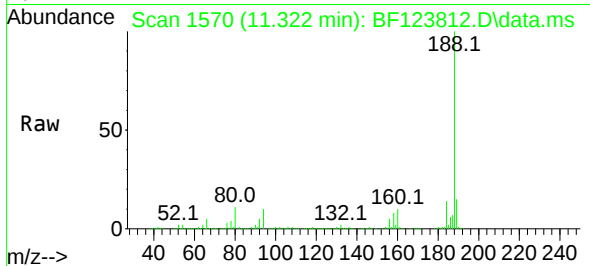




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

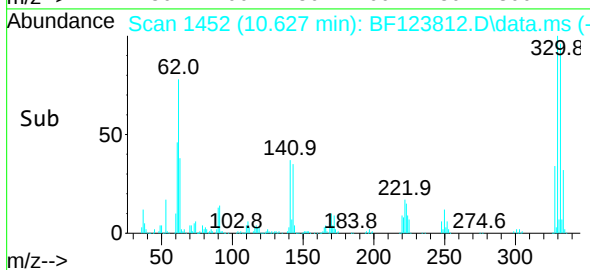
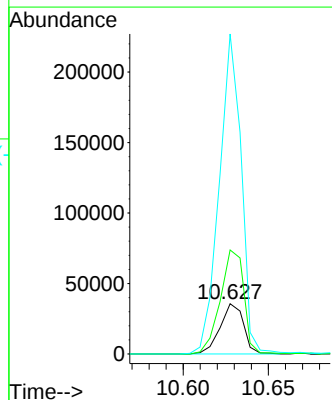
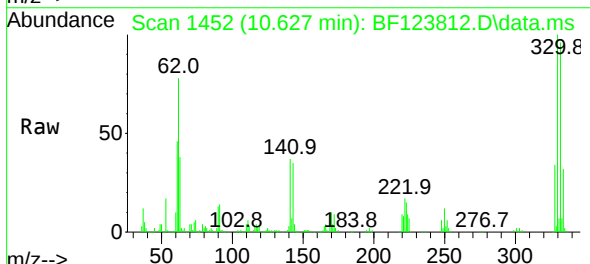
Instrument :
BNA_F
ClientSampled :
S-1

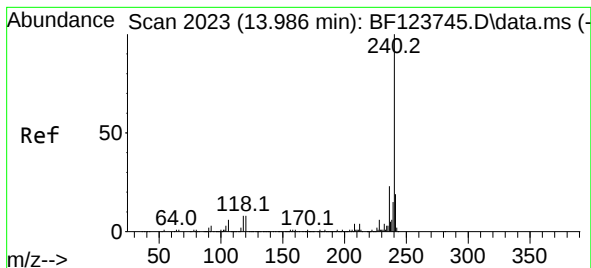
Tgt Ion:188 Resp: 848601
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123812.D
Acq: 4 May 2021 17:10

Tgt Ion:248 Resp: 34141
Ion Ratio Lower Upper
248 100
250 207.0 77.4 116.2#
141 636.8 63.7 95.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

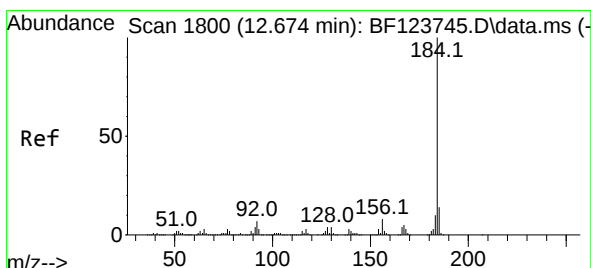
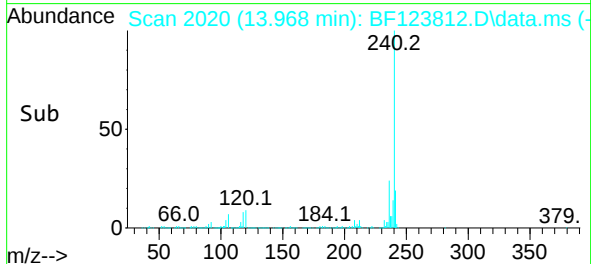
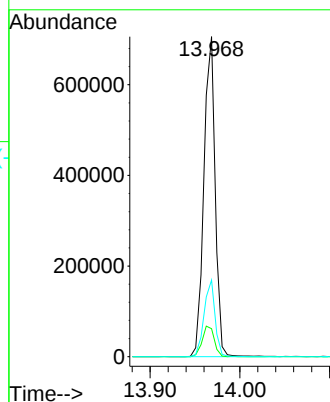
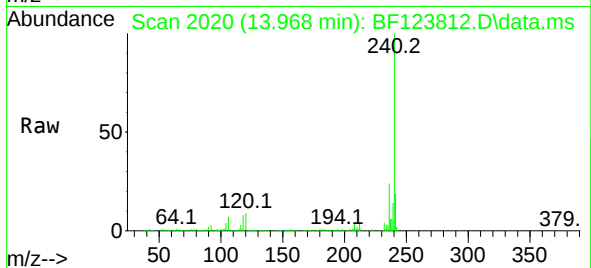
Tgt Ion:240 Resp: 618063

Ion Ratio Lower Upper

240 100

120 8.8 7.2 10.8

236 24.0 19.0 28.4



#77

Benzidine

Concen: 2.17 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

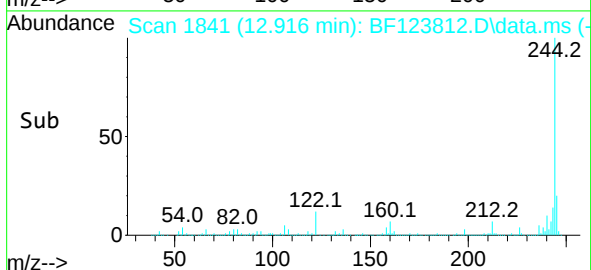
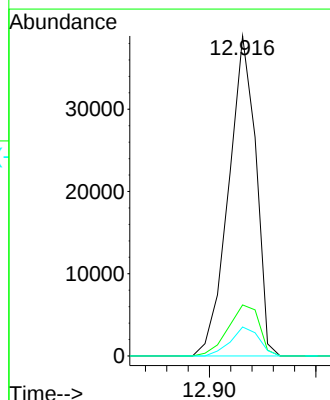
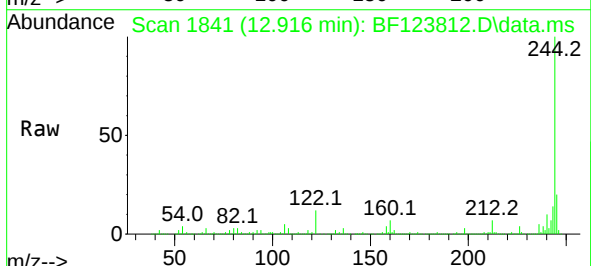
Tgt Ion:184 Resp: 34676

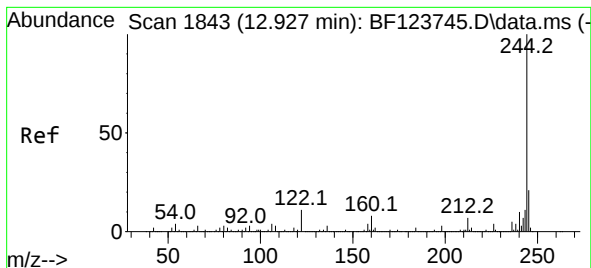
Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

183 9.0 7.8 11.8





#79

Terphenyl-d14

Concen: 79.17 ng

RT: 12.916 min Scan# 1841

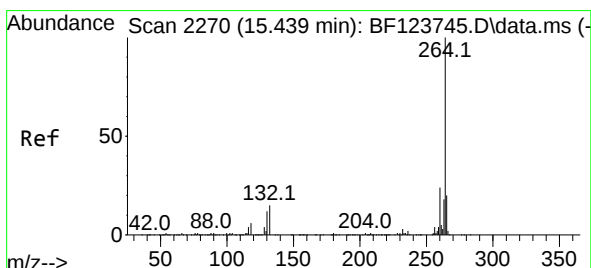
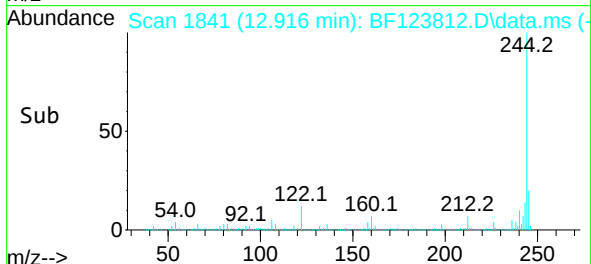
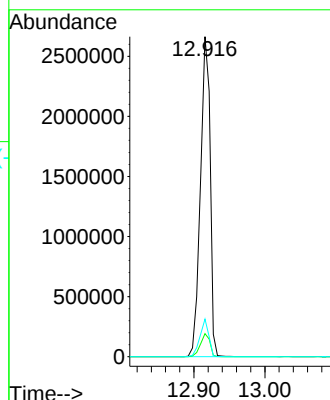
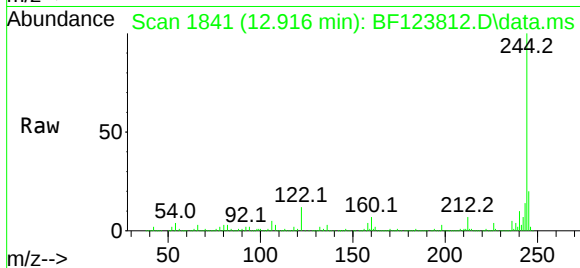
Delta R.T. 0.000 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

Tgt Ion:244 Resp: 2541082

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.7	9.7	14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF123812.D

Acq: 4 May 2021 17:10

Tgt Ion:264 Resp: 499448

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.5	17.8	26.8

