

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123852.D
 Acq On : 6 May 2021 13:49
 Operator : JU/CG
 Sample : M2252-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Quant Time: May 06 14:18:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

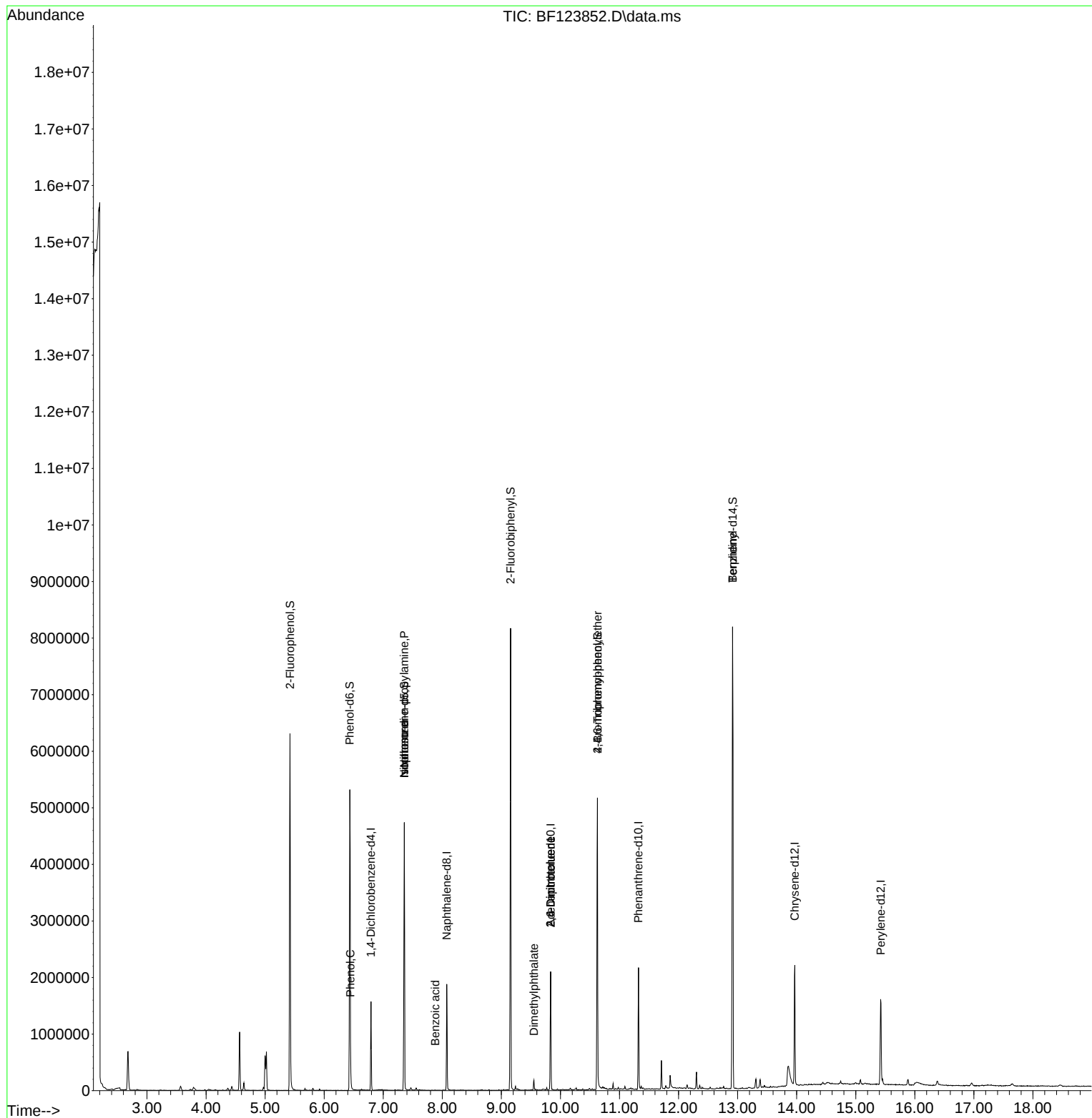
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	192838	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	712460	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	364122	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	720898	20.00	ng	0.00
76) Chrysene-d12	13.968	240	736855	20.00	ng	0.00
86) Perylene-d12	15.421	264	694329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1440375	118.33	ng	0.01
7) Phenol-d6	6.434	99	1657874	98.87	ng	0.00
23) Nitrobenzene-d5	7.357	82	1421409	90.06	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	626947	138.31	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2230491	89.21	ng	0.00
79) Terphenyl-d14	12.916	244	2869413	74.99	ng	0.00
Target Compounds						
10) Phenol	6.445	94	53336	2.96	ng	88
19) n-Nitroso-di-n-propyla...	7.357	70	191388	18.49	ng	# 74
25) Isophorone	7.357	82	1421396	48.03	ng	# 69
32) Benzoic acid	7.881	122	265	5.42	ng	# 1
50) Dimethylphthalate	9.551	163	60814	2.37	ng	97
51) 2,6-Dinitrotoluene	9.833	165	47165	7.95	ng	# 11
57) 2,4-Dinitrotoluene	9.833	165	47165	5.83	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	33526	4.42	ng	# 1
77) Benzidine	12.916	184	40178	2.11	ng	99

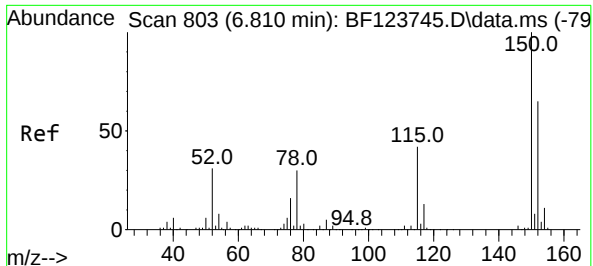
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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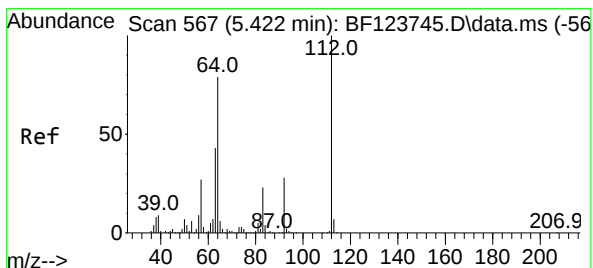
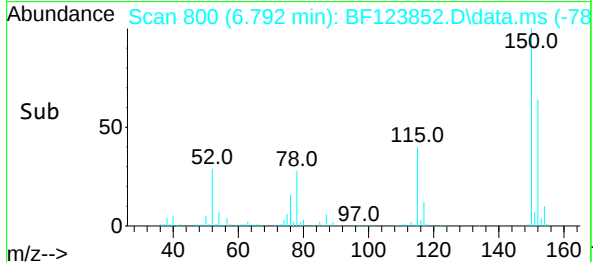
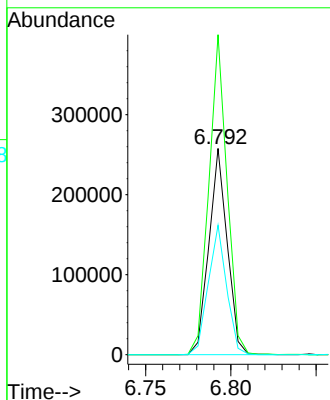
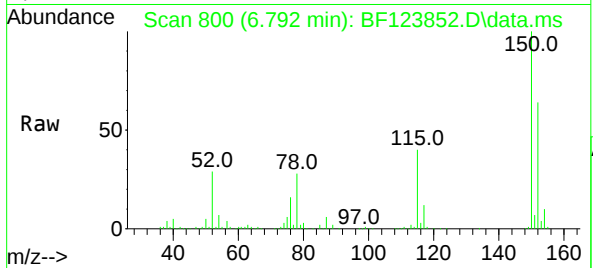




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

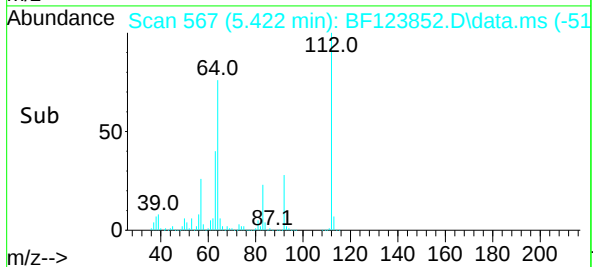
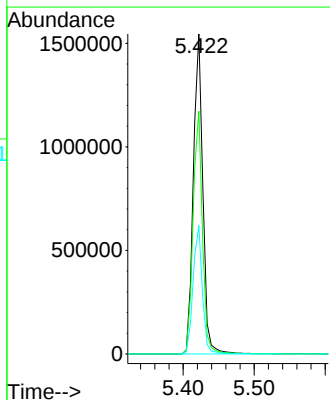
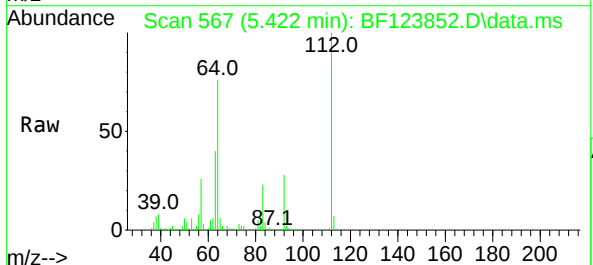
Instrument :
BNA_F
ClientSampleId :
STONE-1

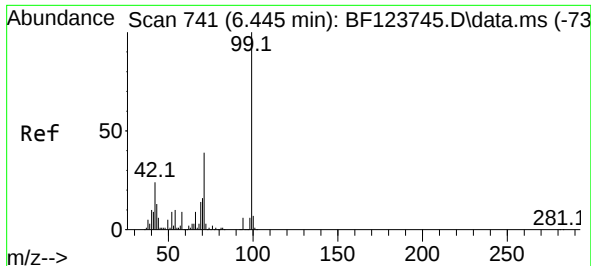
Tgt Ion:152 Resp: 192838
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 62.8 54.3 81.5



#5
2-Fluorophenol
Concen: 118.33 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:112 Resp: 1440375
Ion Ratio Lower Upper
112 100
64 75.9 61.4 92.0
63 40.2 33.0 49.4

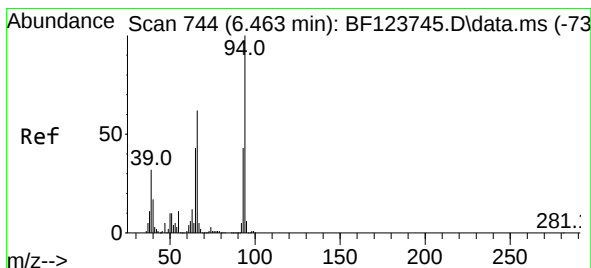
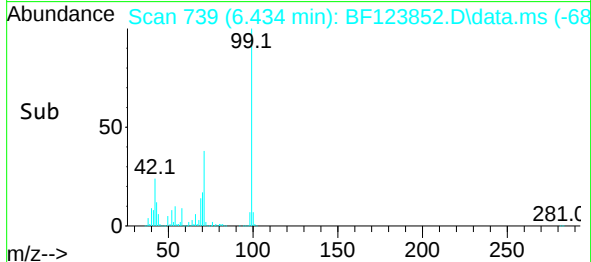
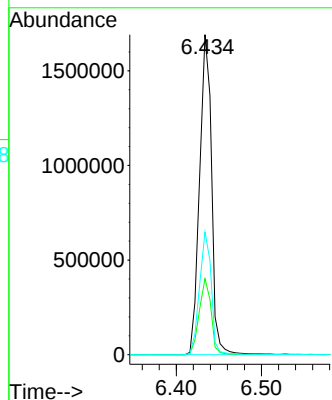
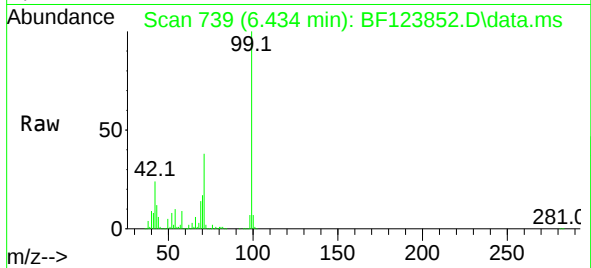




#7
Phenol-d6
Concen: 98.87 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

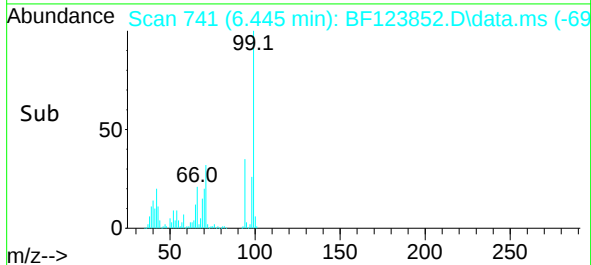
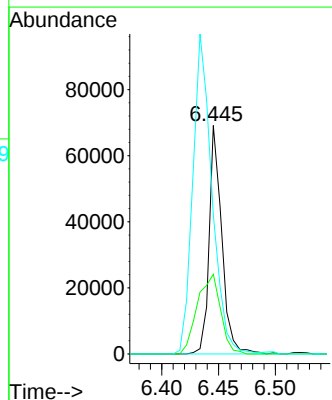
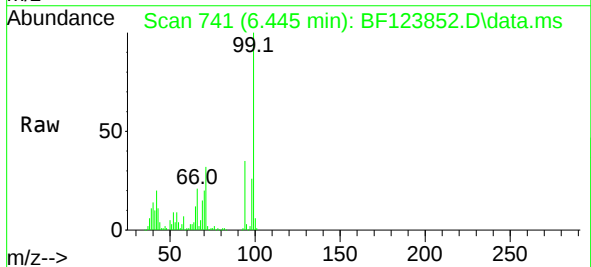
Instrument :
BNA_F
ClientSampleId :
STONE-1

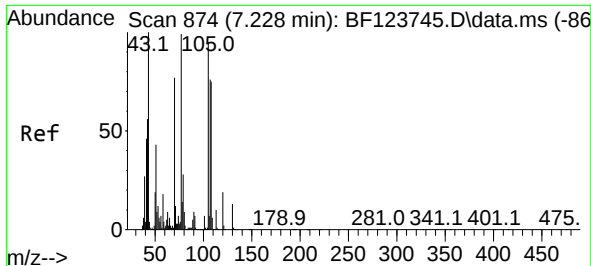
Tgt Ion: 99 Resp: 1657874
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.8
71 38.3 31.1 46.7



#10
Phenol
Concen: 2.96 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

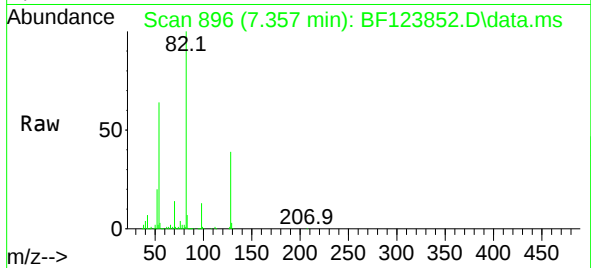
Tgt Ion: 94 Resp: 53336
Ion Ratio Lower Upper
94 100
65 34.8 18.1 58.1
66 60.7 29.0 69.0



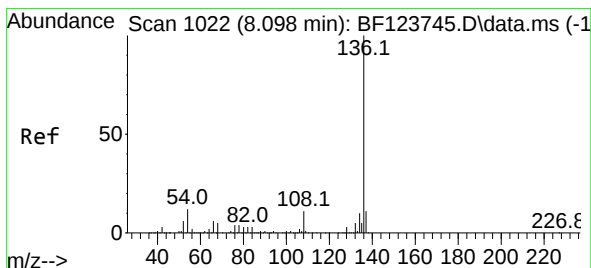
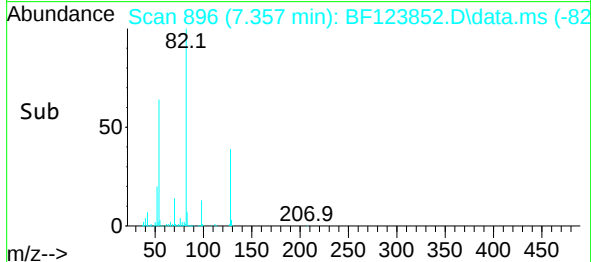
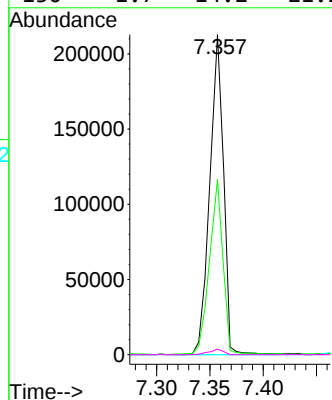


#19
n-Nitroso-di-n-propylamine
Concen: 18.49 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Instrument :
BNA_F
ClientSampleId :
STONE-1

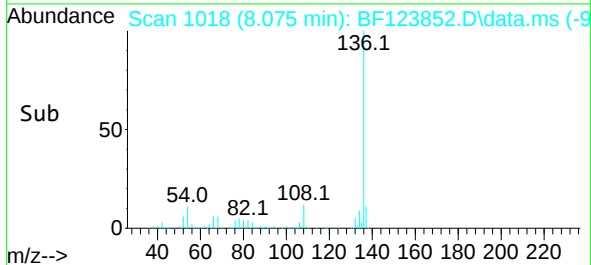
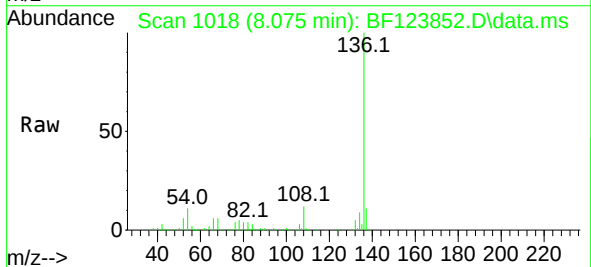
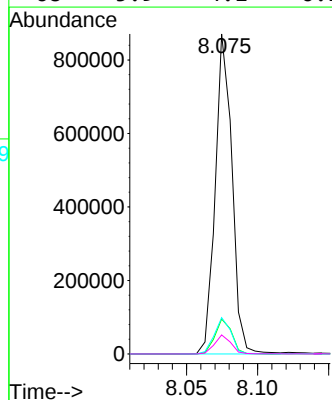


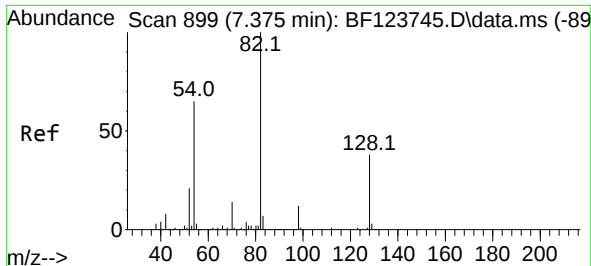
Tgt Ion	70	Resp	191388
Ion Ratio	100	Lower	Upper
70	100		
42	54.7	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion	136	Resp	712460
Ion Ratio	100	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.8	14.6
68	5.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 90.06 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123852.D

Acq: 6 May 2021 13:49

Instrument :

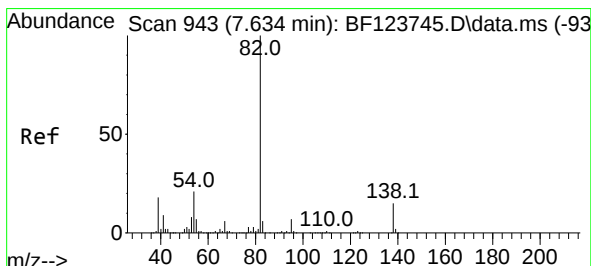
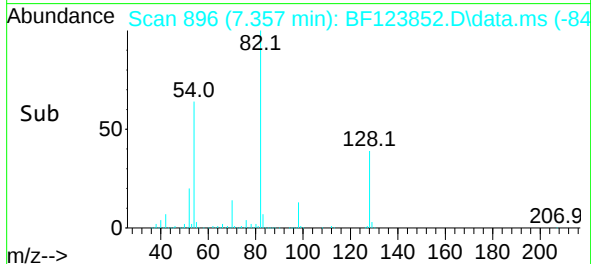
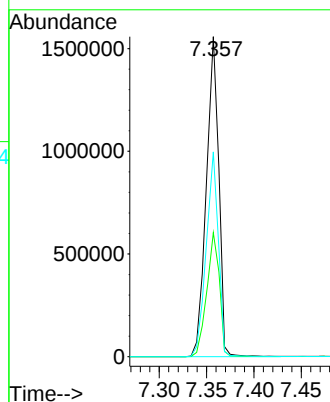
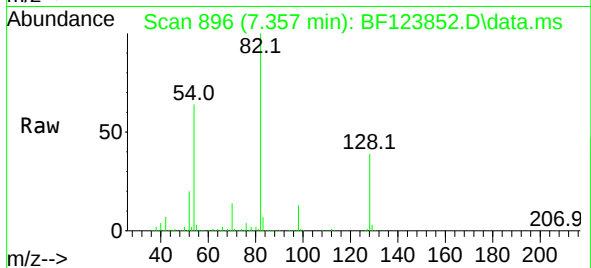
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1421409

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	64.0	54.1	81.1



#25

Isophorone

Concen: 48.03 ng

RT: 7.357 min Scan# 896

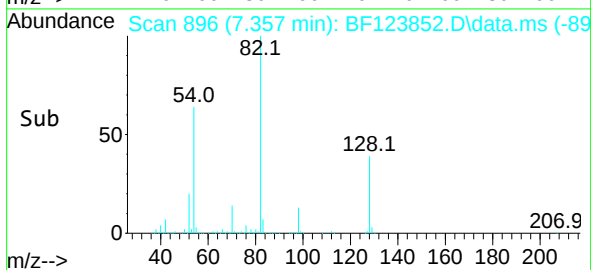
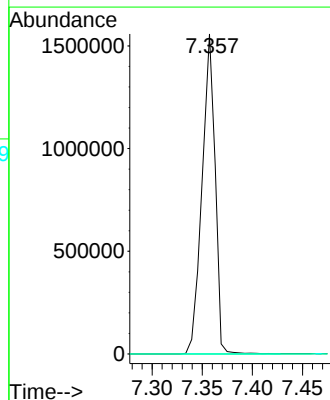
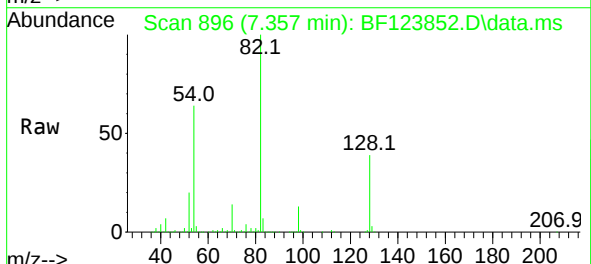
Delta R.T. -0.265 min

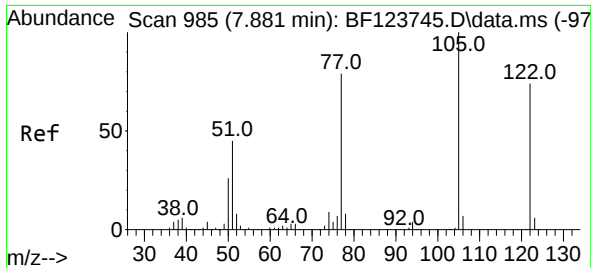
Lab File: BF123852.D

Acq: 6 May 2021 13:49

Tgt Ion: 82 Resp: 1421396

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

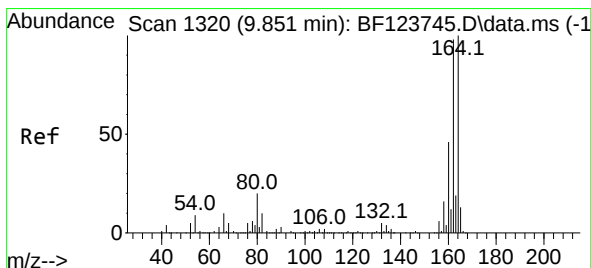
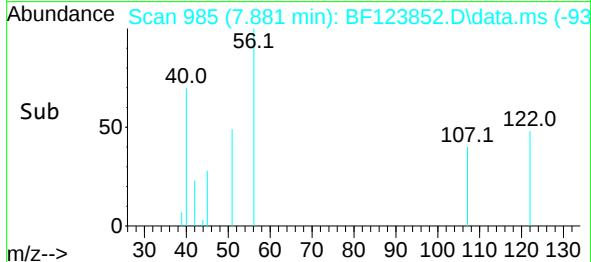
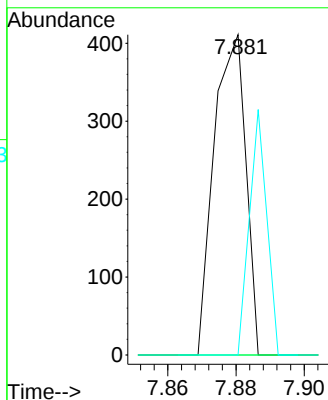
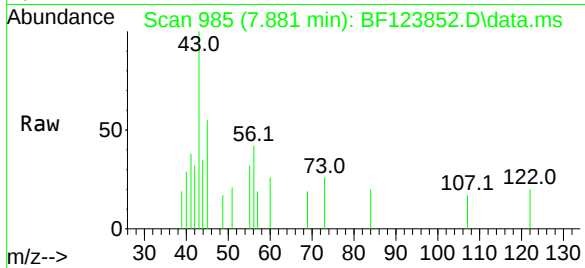




#32
Benzoic acid
Concen: 5.42 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

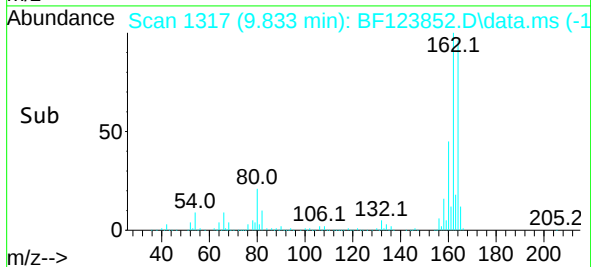
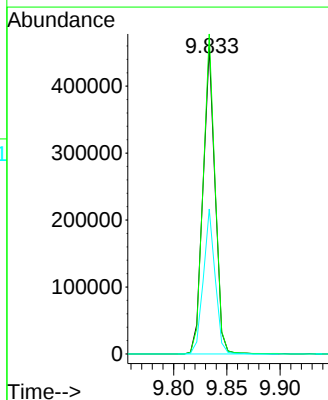
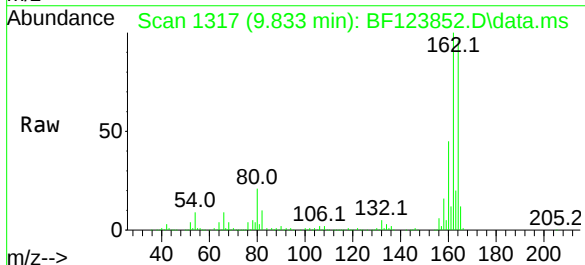
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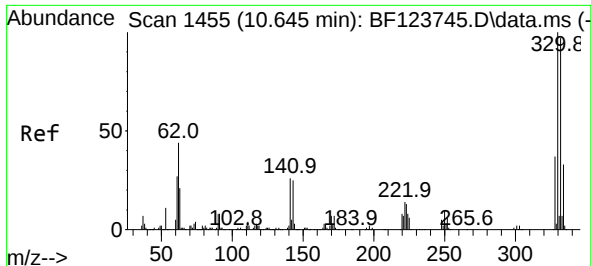
Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:164 Resp: 364122
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 47.3 37.3 55.9

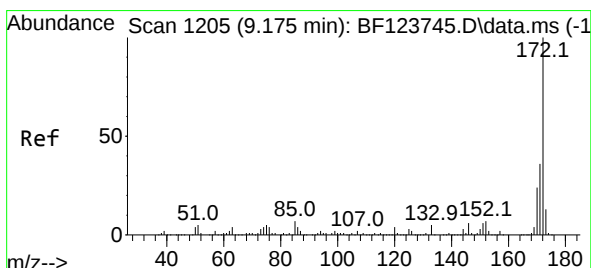
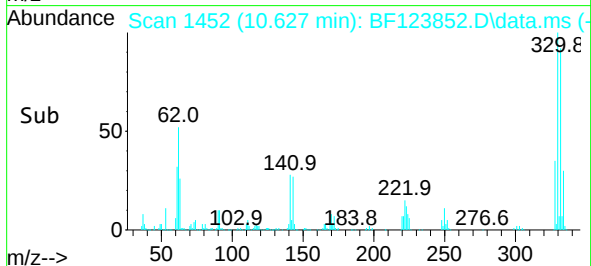
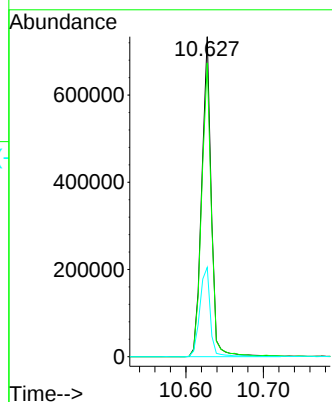
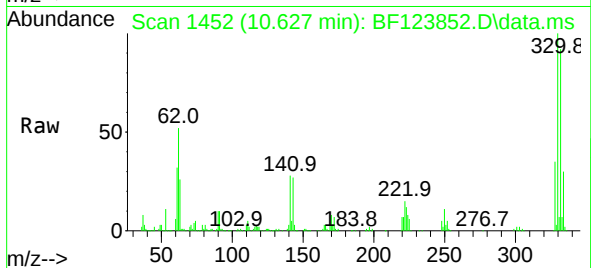




#42
2,4,6-Tribromophenol
Concen: 138.31 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

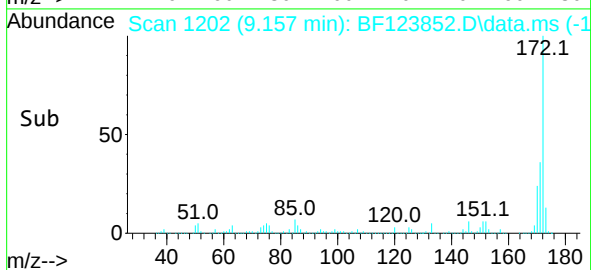
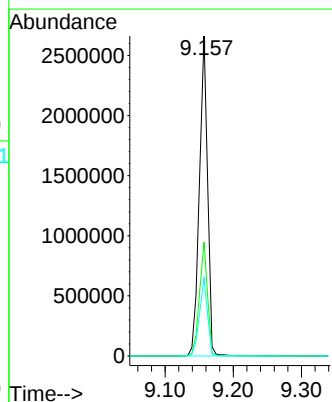
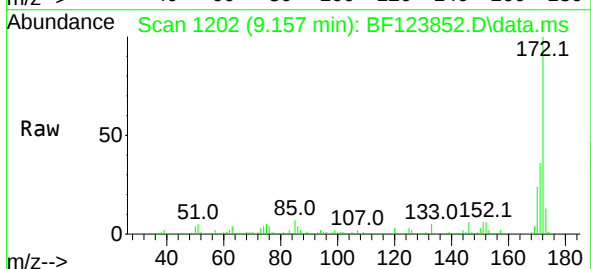
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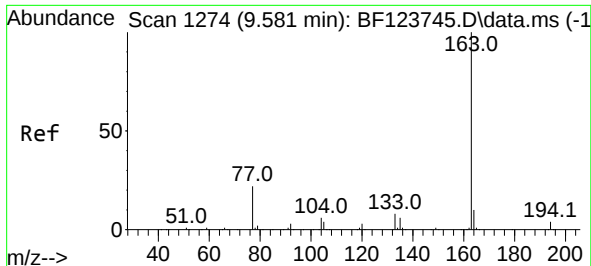
Tgt Ion:330 Resp: 626947
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 30.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 89.21 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:172 Resp: 2230491
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.3 19.2 28.8

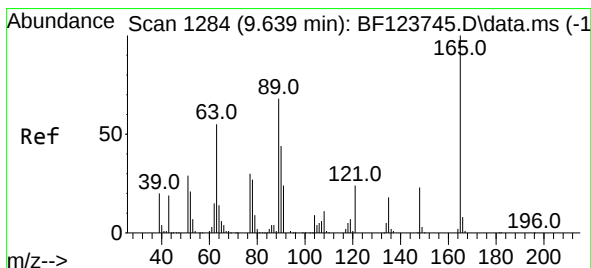
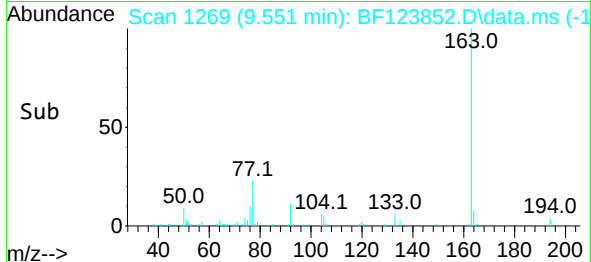
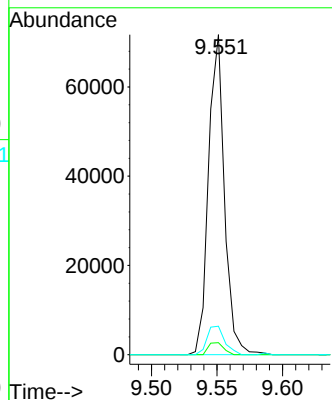
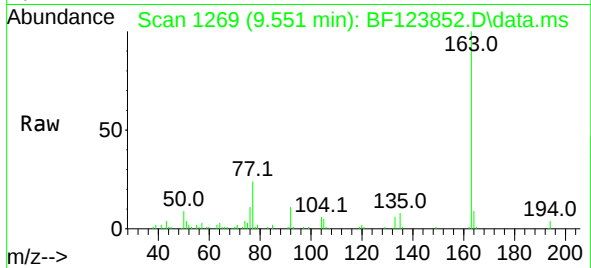




#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

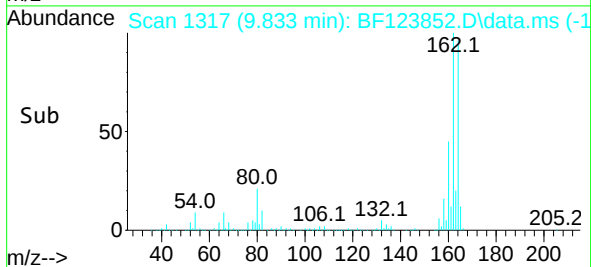
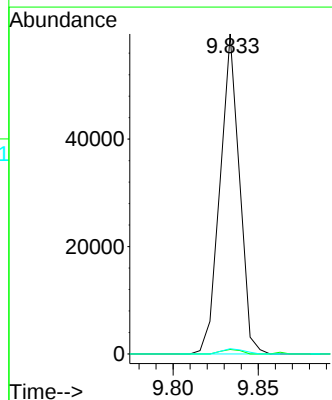
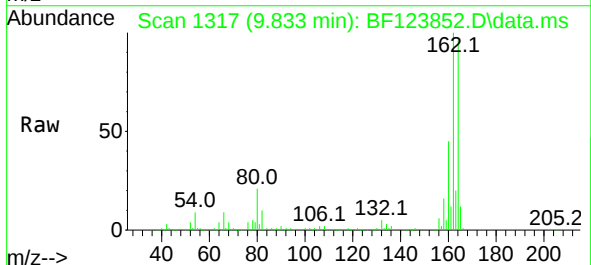
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ClientSampleId :
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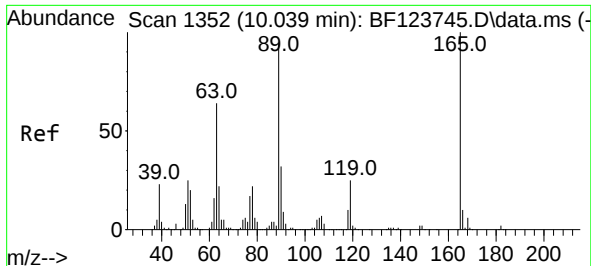
Tgt Ion:163 Resp: 60814
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 8.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:165 Resp: 47165
Ion Ratio Lower Upper
165 100
63 1.4 67.7 101.5#
89 1.6 58.8 88.2#

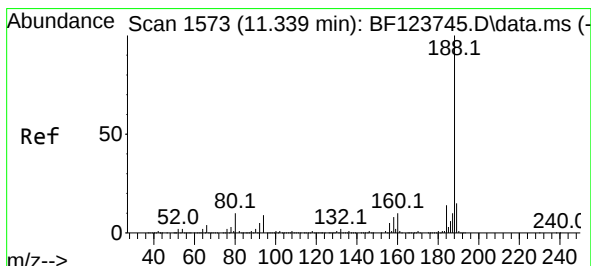
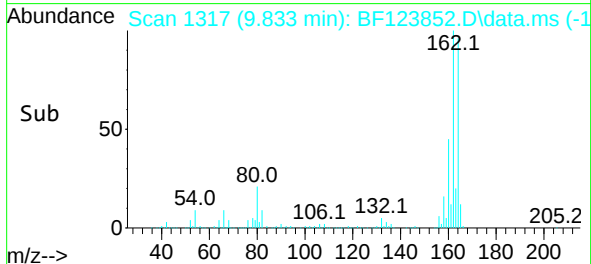
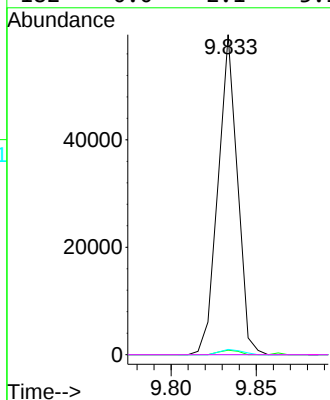
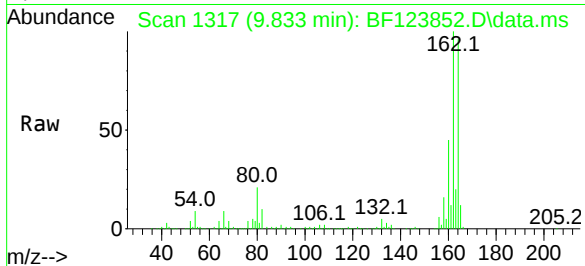




#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

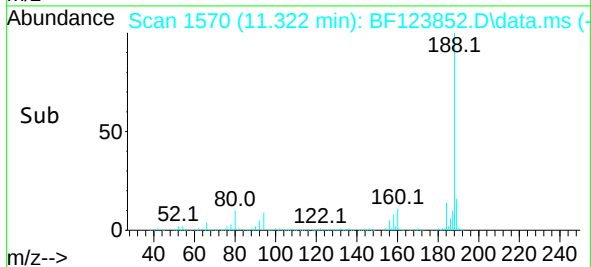
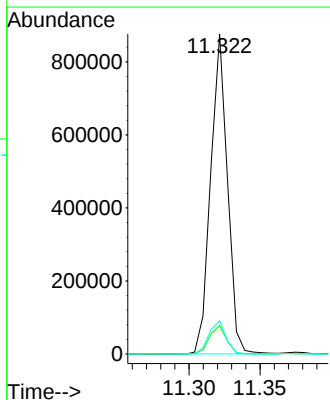
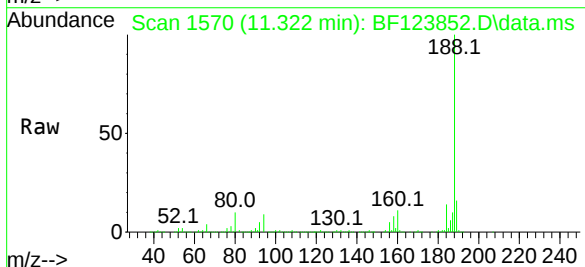
Instrument :
BNA_F
ClientSampleId :
STONE-1

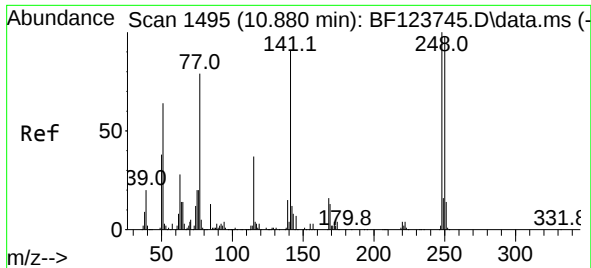
Tgt Ion:165 Resp: 47165
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:188 Resp: 720898
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.4 8.2 12.2

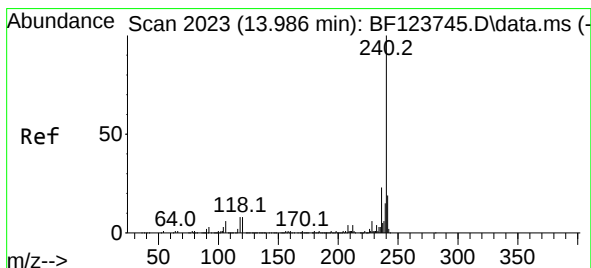
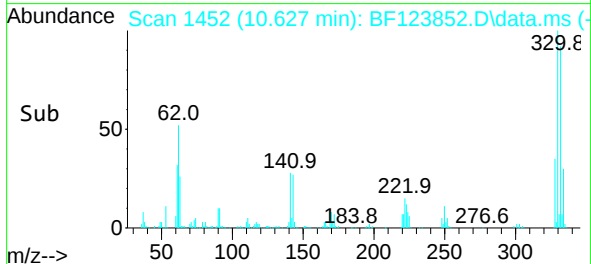
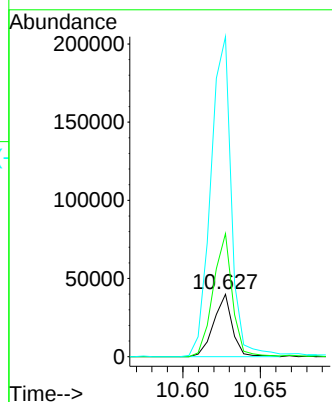
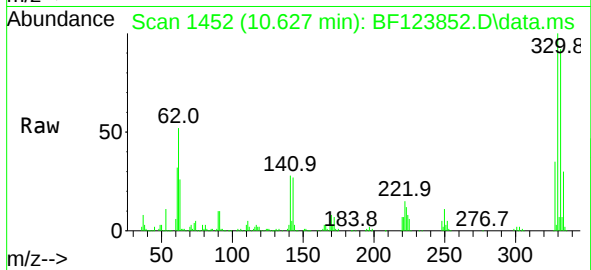




#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

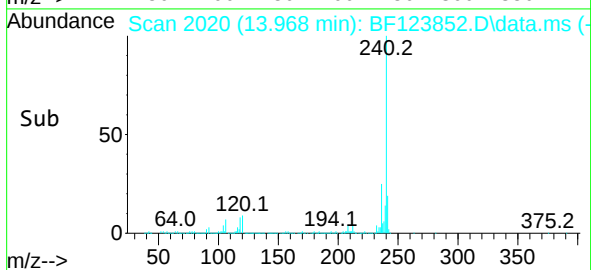
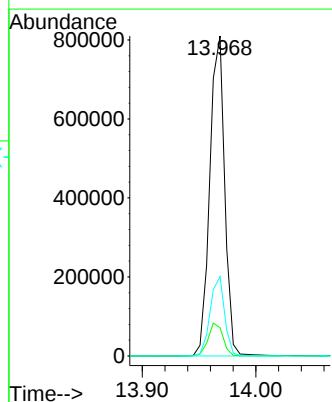
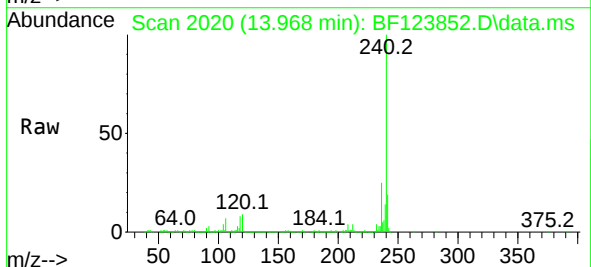
Instrument :
BNA_F
ClientSampleId :
STONE-1

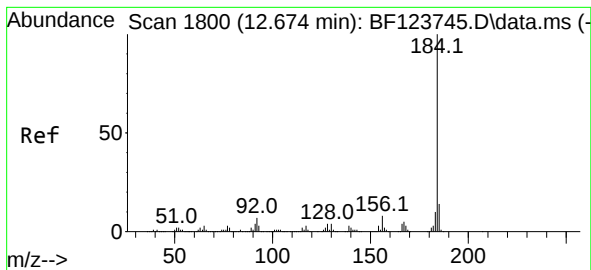
Tgt Ion:248 Resp: 33526
Ion Ratio Lower Upper
248 100
250 197.0 77.4 116.2#
141 512.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123852.D
Acq: 6 May 2021 13:49

Tgt Ion:240 Resp: 736855
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 24.8 19.0 28.4





#77

Benzidine

Concen: 2.11 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF123852.D

Acq: 6 May 2021 13:49

Tgt Ion:184 Resp: 40178

Ion Ratio Lower Upper

184 100

185 14.2 12.1 18.1

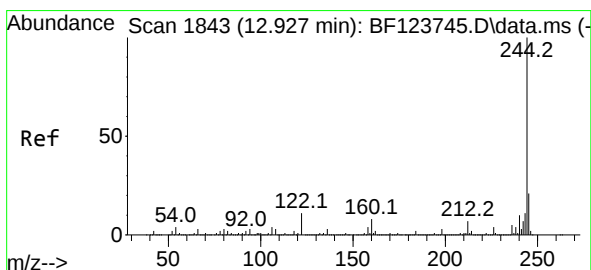
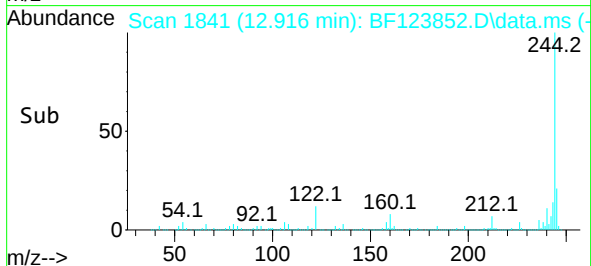
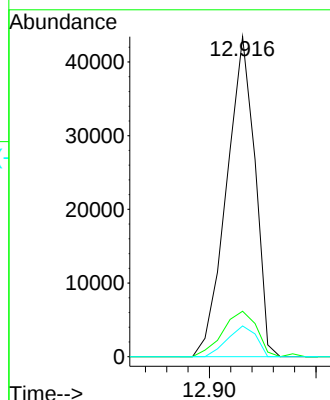
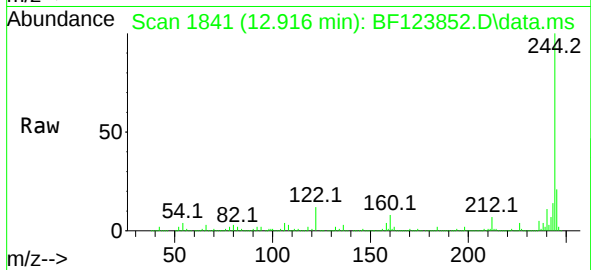
183 9.6 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

STONE-1



#79

Terphenyl-d14

Concen: 74.99 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF123852.D

Acq: 6 May 2021 13:49

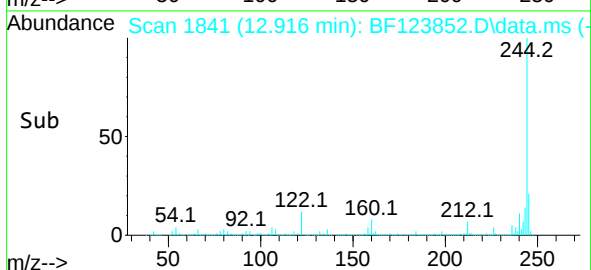
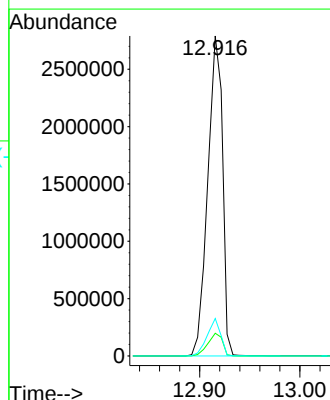
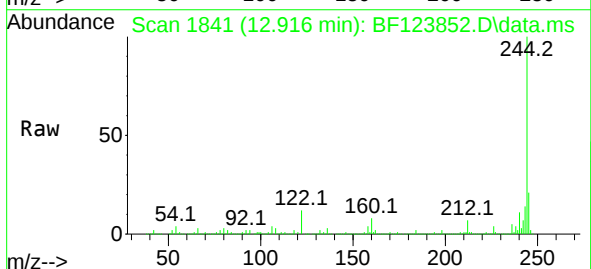
Tgt Ion:244 Resp: 2869413

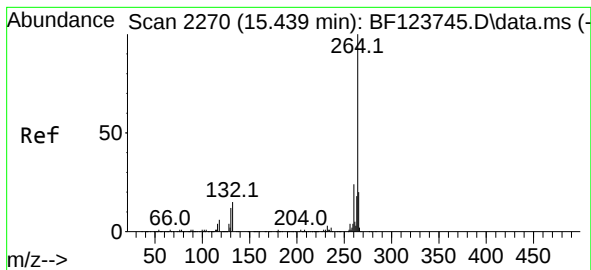
Ion Ratio Lower Upper

244 100

212 7.1 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: BF123852.D
 Acq: 6 May 2021 13:49

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Tgt Ion:264 Resp: 694329
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.7 28.1
 265 21.9 17.8 26.8

