

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123698.D
 Acq On : 23 Apr 2021 17:47
 Operator : JU/CG
 Sample : M2150-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-40

Quant Time: Apr 23 18:47:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

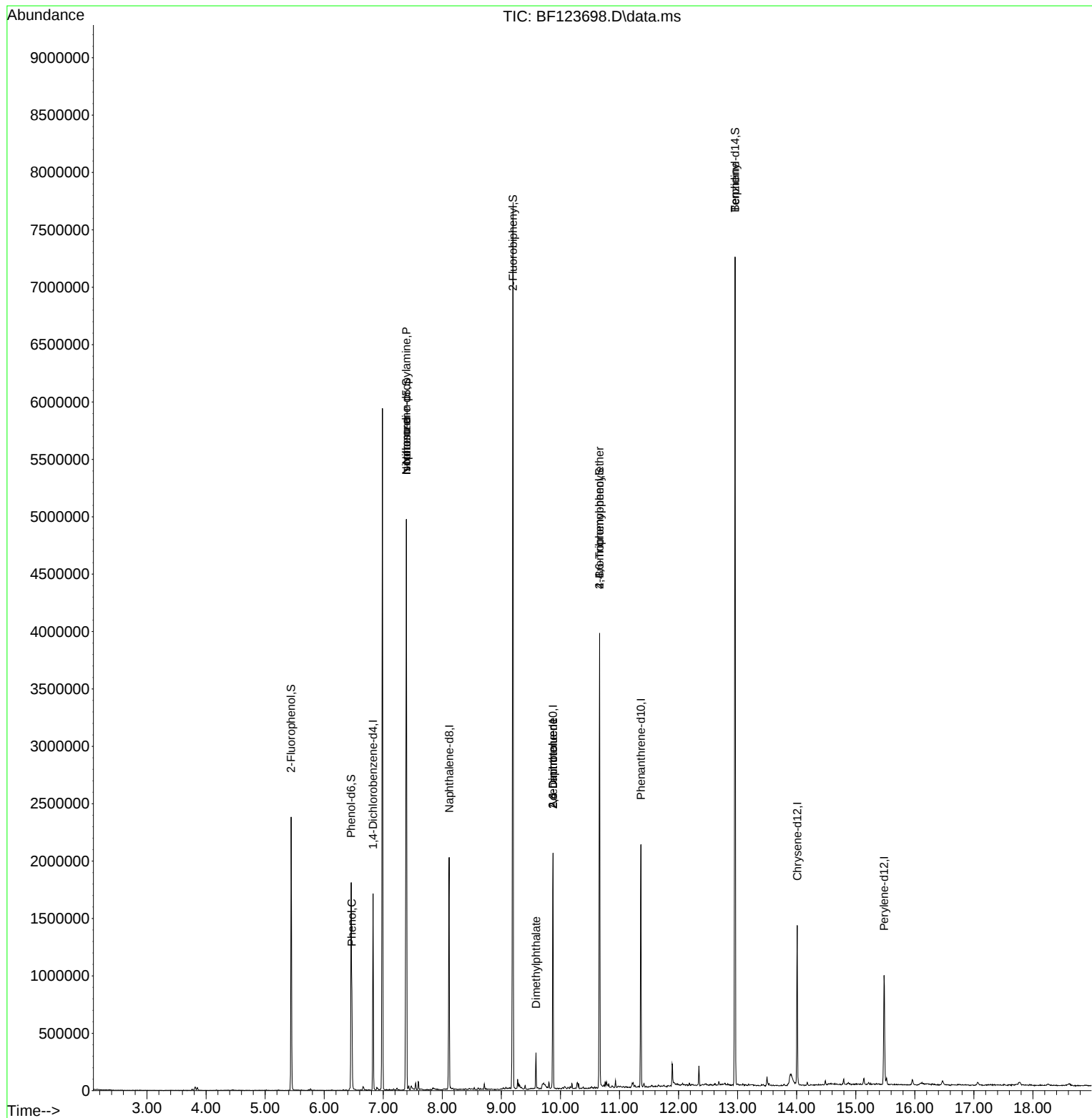
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	213401	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	802554	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	385763	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	698340	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	442889	20.00	ng	-0.01
86) Perylene-d12	15.480	264	430549	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	503017	38.10	ng	-0.02
7) Phenol-d6	6.457	99	459490	25.11	ng	-0.02
23) Nitrobenzene-d5	7.392	82	1608086	92.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	424844	97.25	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2432495	94.00	ng	0.00
79) Terphenyl-d14	12.957	244	2406029	105.58	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	187923	9.67	ng	93
19) n-Nitroso-di-n-propyla...	7.392	70	219705	18.13	ng	# 73
25) Isophorone	7.392	82	1603459	47.34	ng	# 69
50) Dimethylphthalate	9.586	163	96182	3.61	ng	98
51) 2,6-Dinitrotoluene	9.875	165	50416	8.62	ng	# 12
57) 2,4-Dinitrotoluene	9.875	165	50416	6.45	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	23429	3.21	ng	# 1
77) Benzidine	12.957	184	32776	2.72	ng	# 96
89) Benzo(k)fluoranthene	15.080	252	780	Below	Cal	# 10
92) Benzo(g,h,i)perylene	17.392	276	354	Below	Cal	# 56

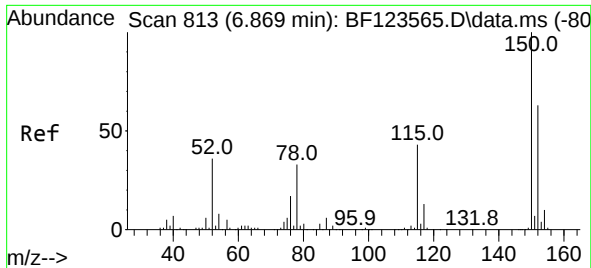
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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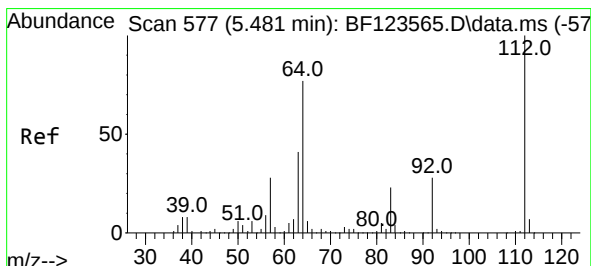
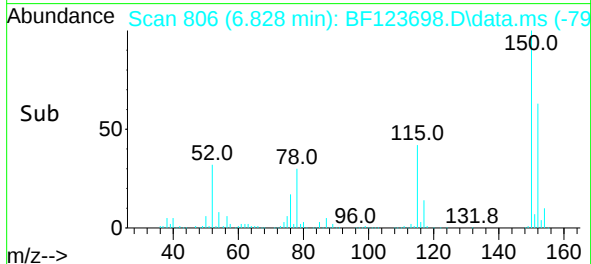
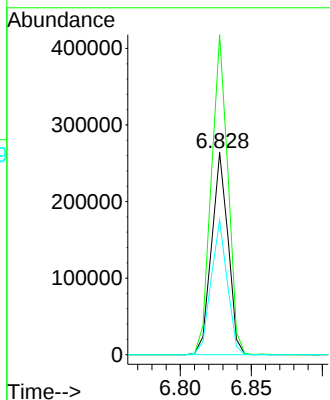
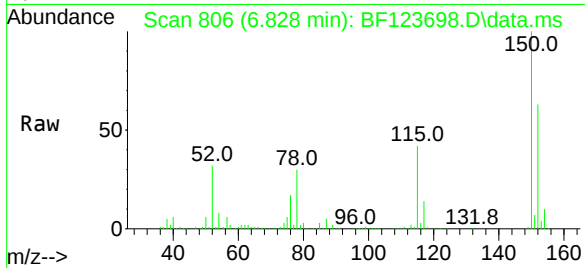




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

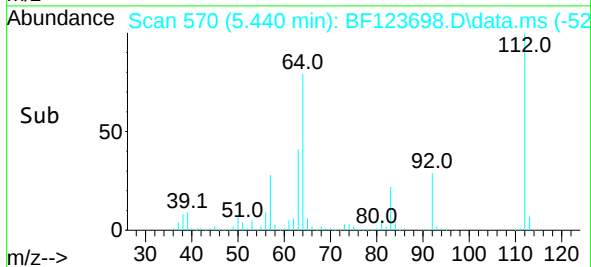
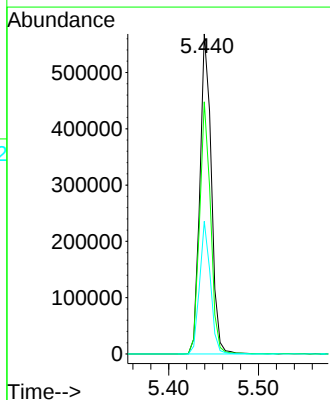
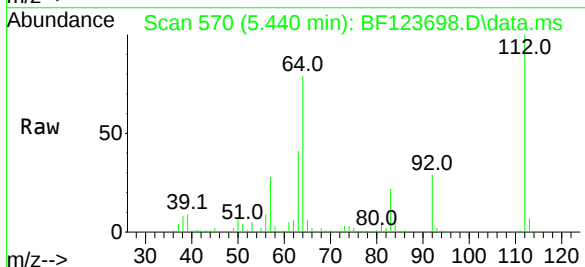
Instrument :
BNA_F
ClientSampleId :
TWP-40

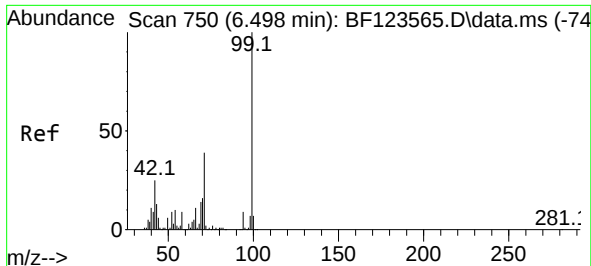
Tgt Ion:152 Resp: 213401
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 66.6 54.3 81.5



#5
2-Fluorophenol
Concen: 38.10 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:112 Resp: 503017
Ion Ratio Lower Upper
112 100
64 78.8 61.4 92.0
63 41.4 33.0 49.4

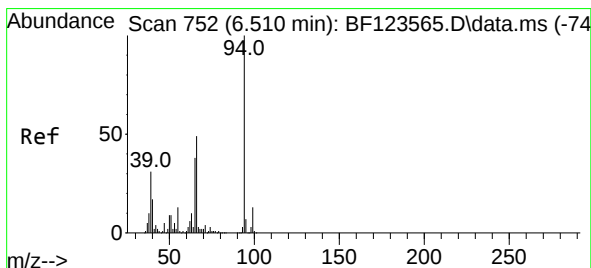
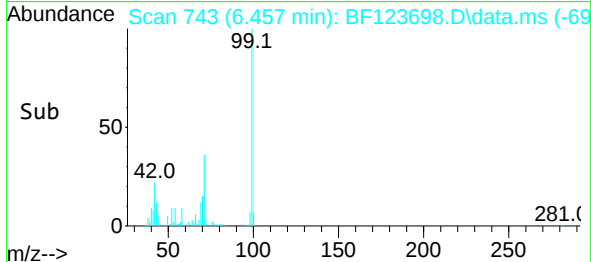
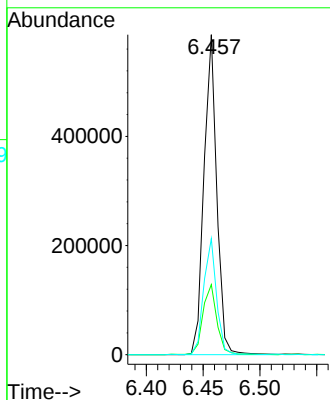
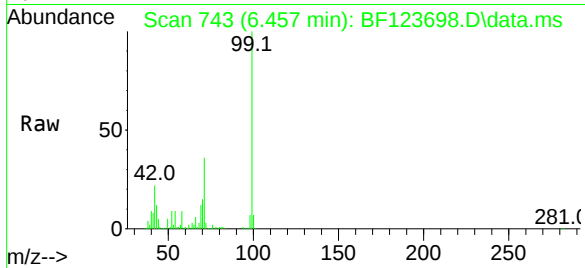




#7
Phenol-d6
Concen: 25.11 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

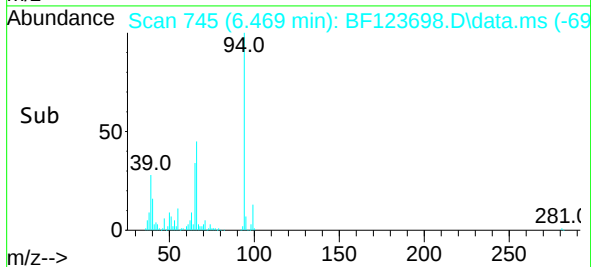
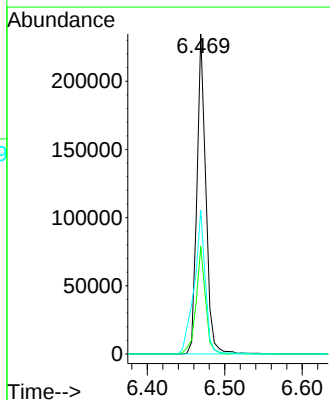
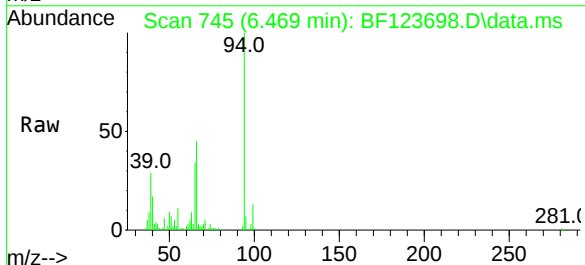
Instrument :
BNA_F
ClientSampleId :
TWP-40

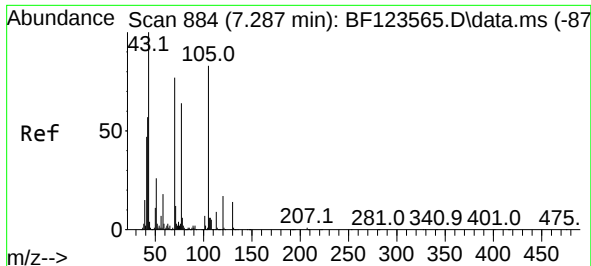
Tgt Ion: 99 Resp: 459490
Ion Ratio Lower Upper
99 100
42 21.9 19.8 29.8
71 36.3 31.1 46.7



#10
Phenol
Concen: 9.67 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

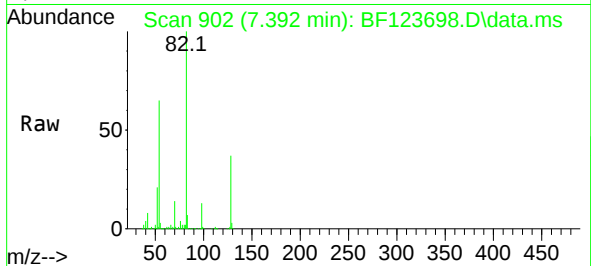
Tgt Ion: 94 Resp: 187923
Ion Ratio Lower Upper
94 100
65 33.6 18.1 58.1
66 44.9 29.0 69.0



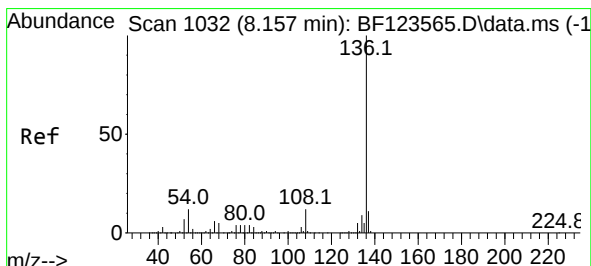
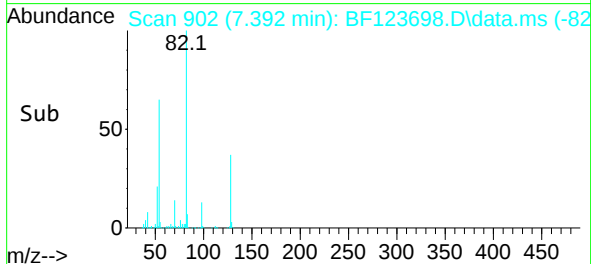
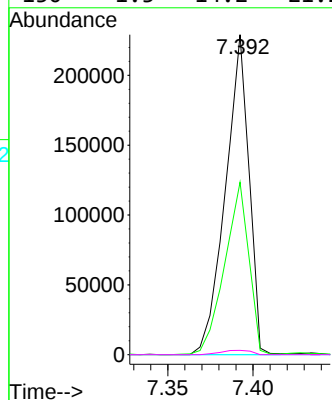


#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Instrument :
BNA_F
ClientSampleId :
TWP-40

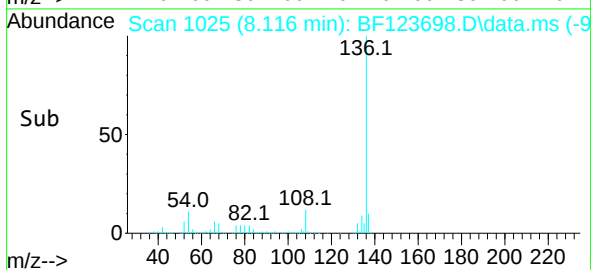
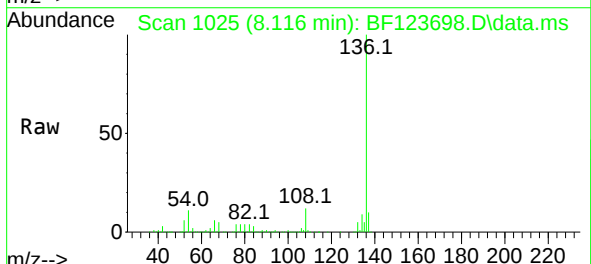
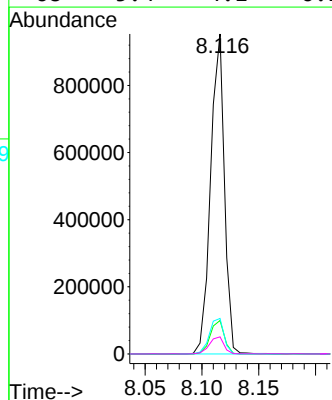


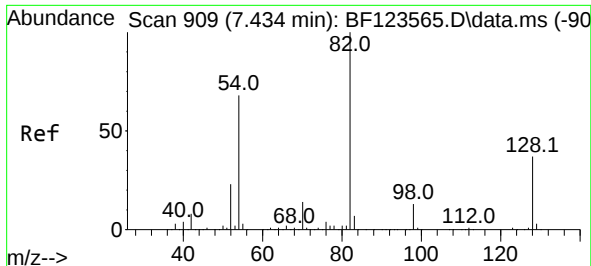
Tgt Ion: 70 Resp: 219705
Ion Ratio Lower Upper
70 100
42 53.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion: 136 Resp: 802554
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 11.1 9.8 14.6
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 92.11 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123698.D

Acq: 23 Apr 2021 17:47

Tgt Ion: 82 Resp: 1608086

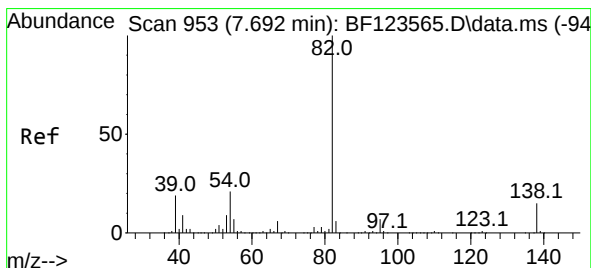
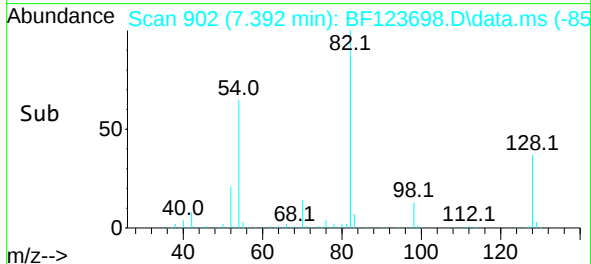
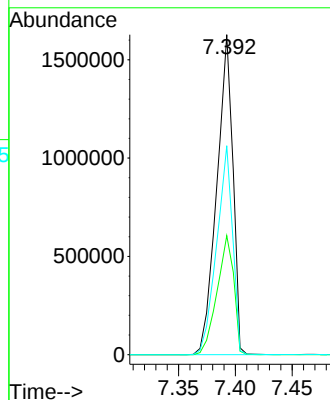
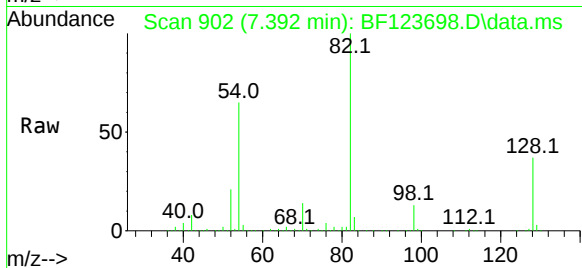
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	65.3	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

TWP-40



#25

Isophorone

Concen: 47.34 ng

RT: 7.392 min Scan# 902

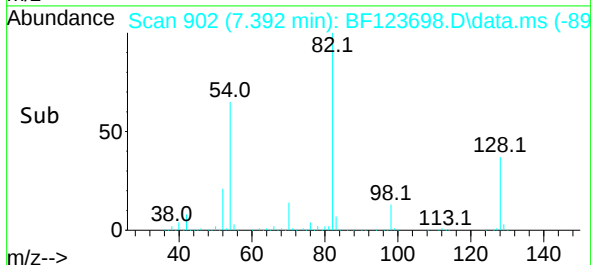
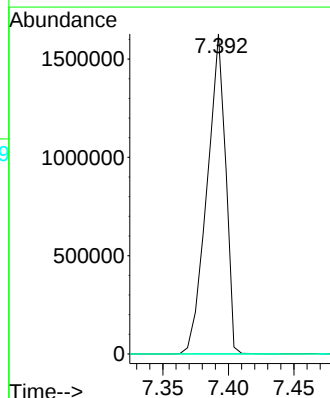
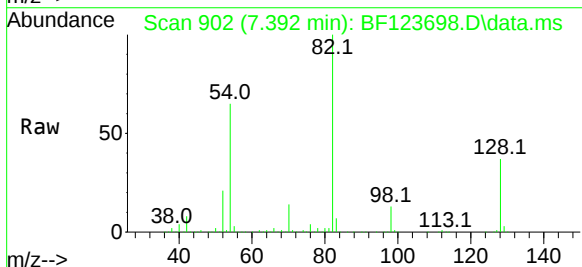
Delta R.T. -0.271 min

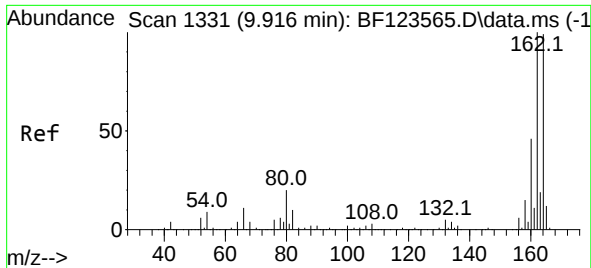
Lab File: BF123698.D

Acq: 23 Apr 2021 17:47

Tgt Ion: 82 Resp: 1603459

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

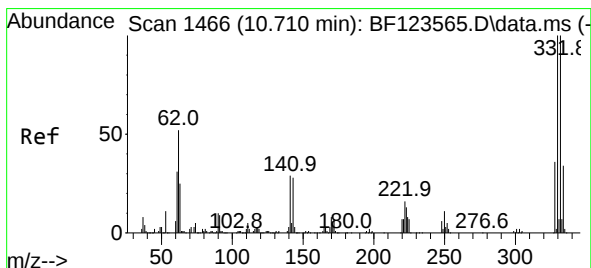
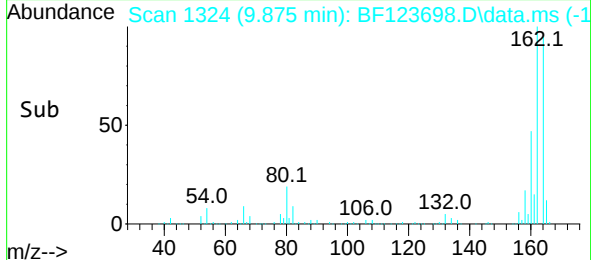
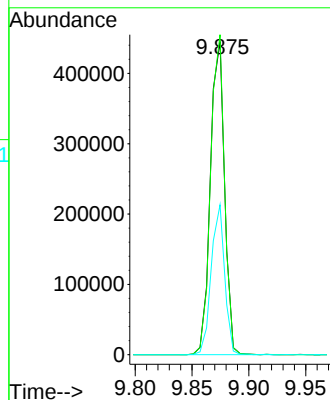
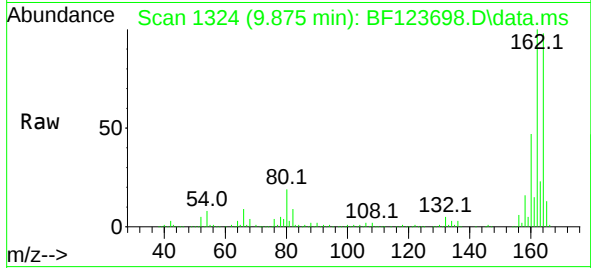




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

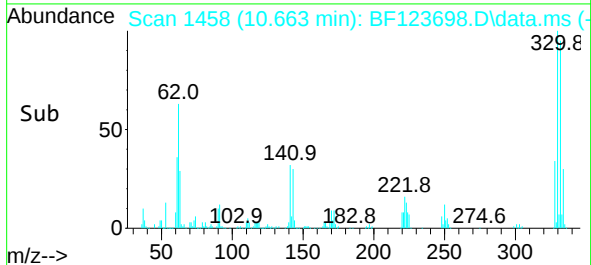
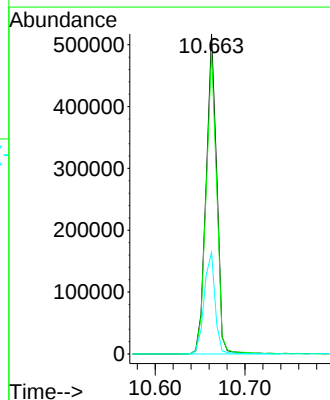
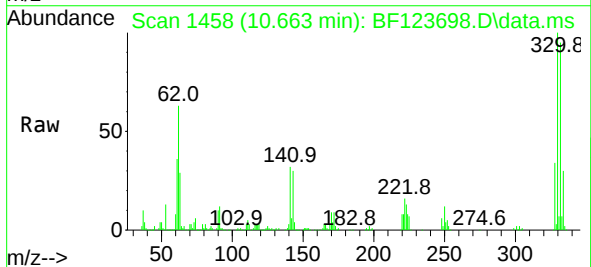
Instrument :
BNA_F
ClientSampleId :
TWP-40

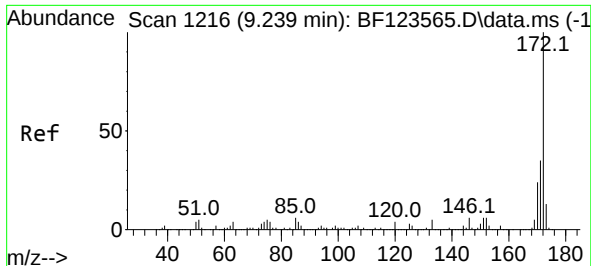
Tgt Ion:164 Resp: 385763
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 47.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 97.25 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:330 Resp: 424844
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 33.0 27.9 41.9

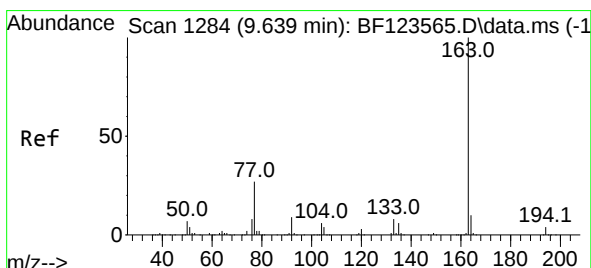
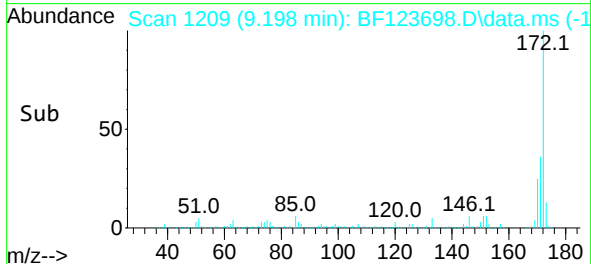
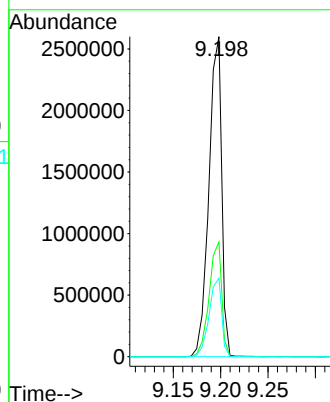
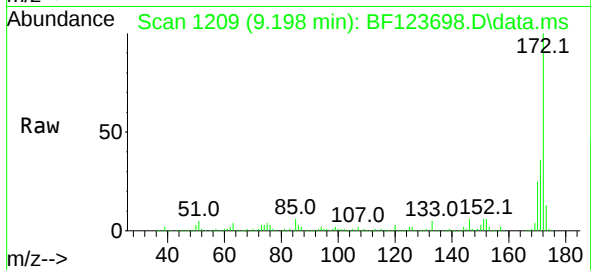




#45
2-Fluorobiphenyl
Concen: 94.00 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

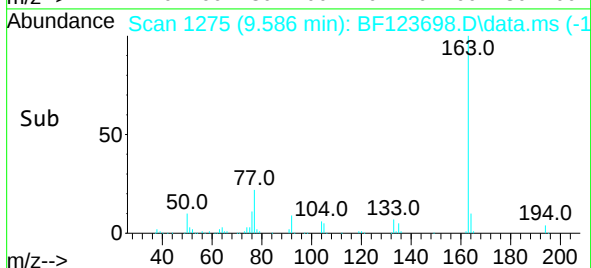
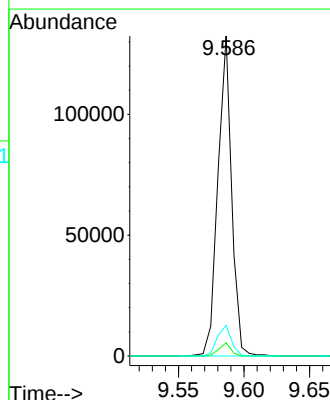
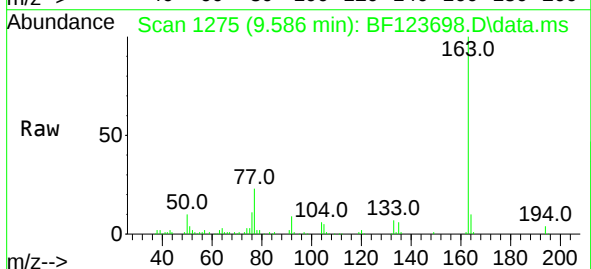
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TWP-40

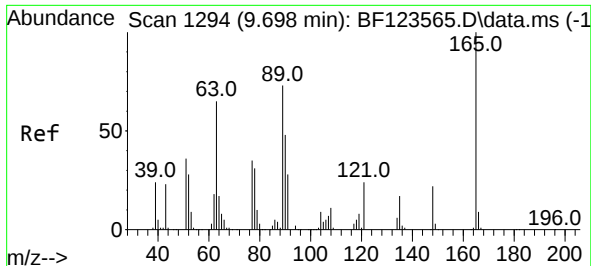
Tgt Ion:172 Resp: 2432495
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.6 19.2 28.8



#50
Dimethylphthalate
Concen: 3.61 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.023 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:163 Resp: 96182
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.5 8.2 12.2

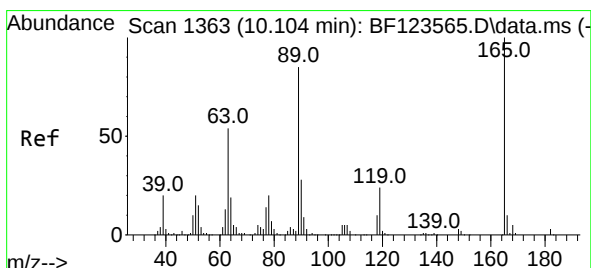
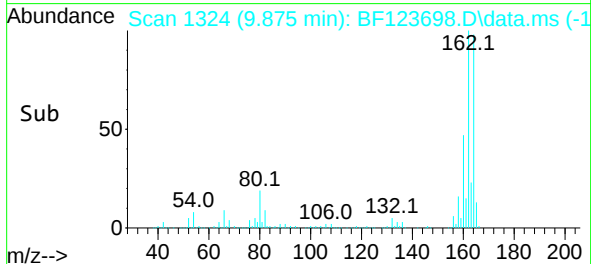
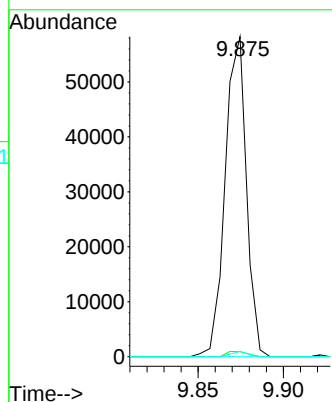
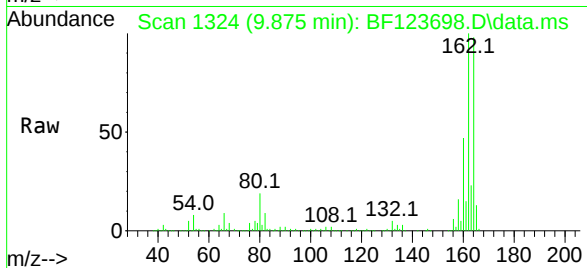




#51
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

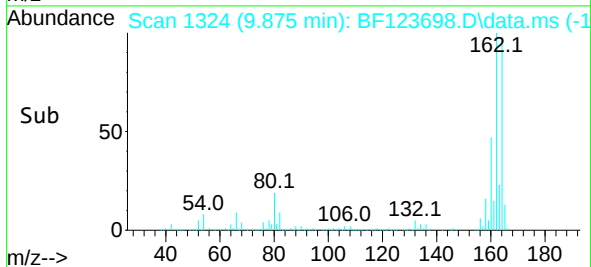
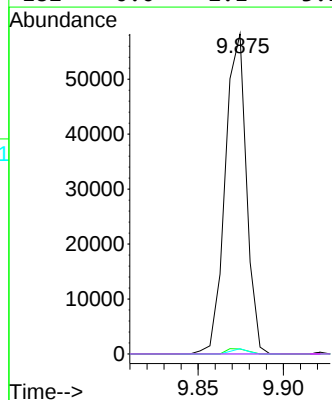
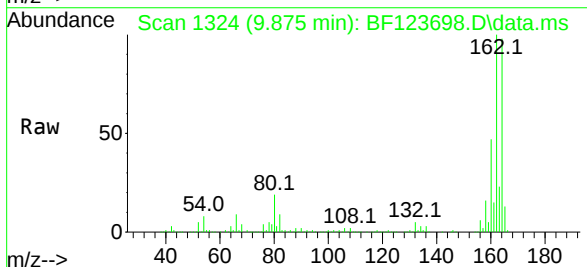
Instrument :
BNA_F
ClientSampled :
TWP-40

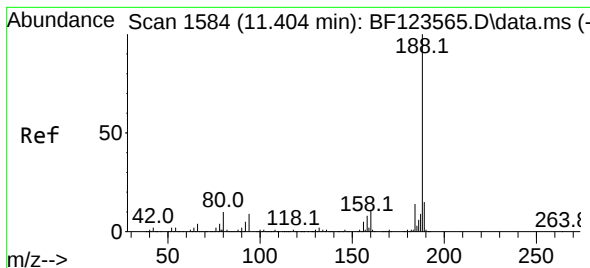
Tgt Ion:165 Resp: 50416
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:165 Resp: 50416
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

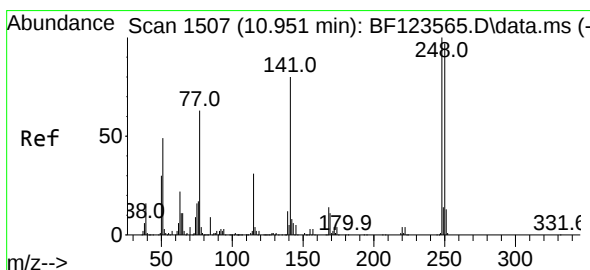
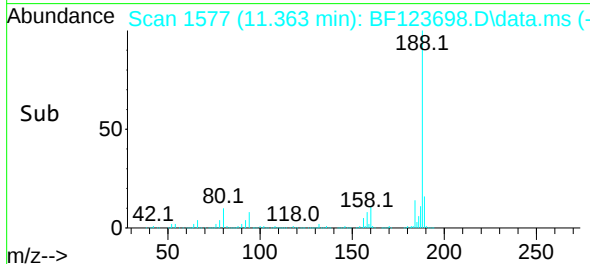
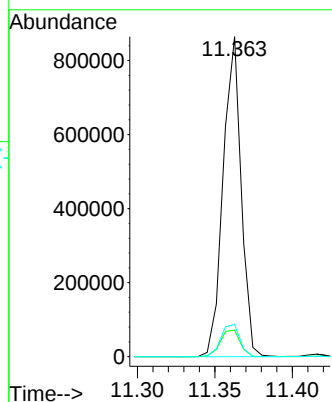
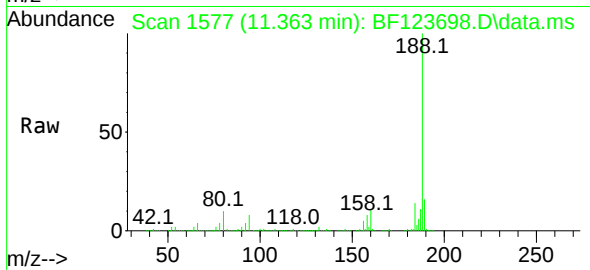




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

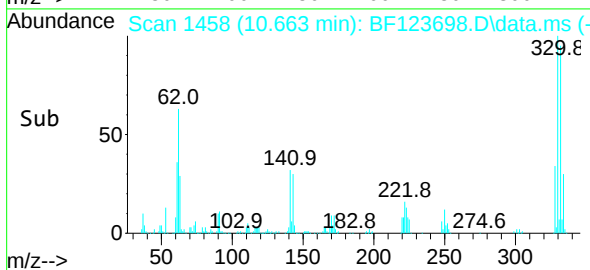
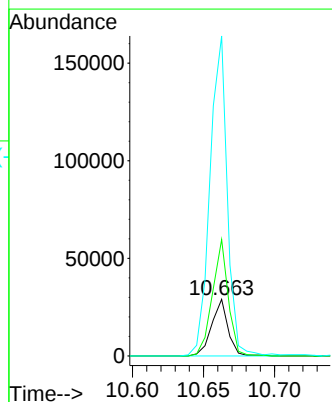
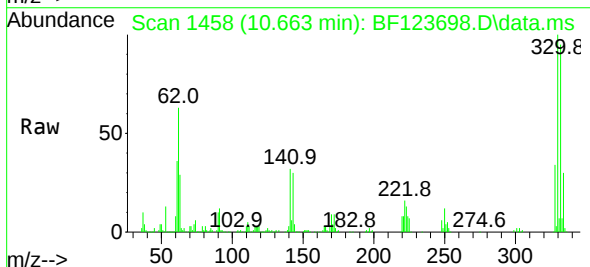
Instrument :
BNA_F
ClientSampled :
TWP-40

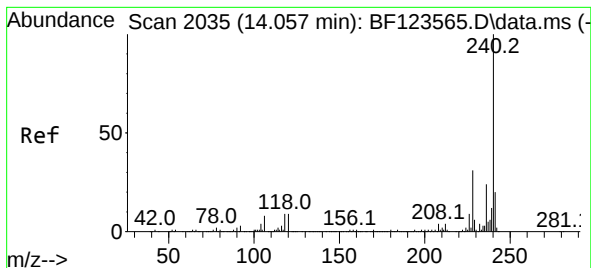
Tgt Ion:188 Resp: 698340
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:248 Resp: 23429
Ion Ratio Lower Upper
248 100
250 205.6 77.4 116.2#
141 564.9 63.7 95.5#

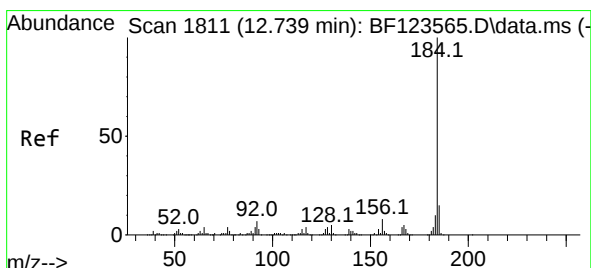
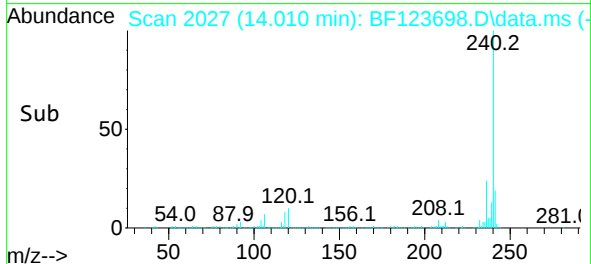
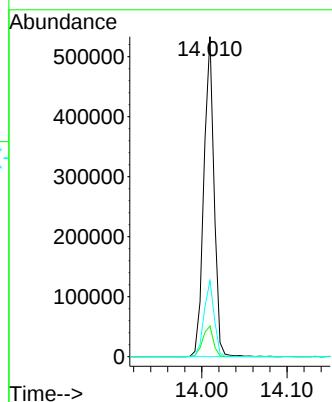
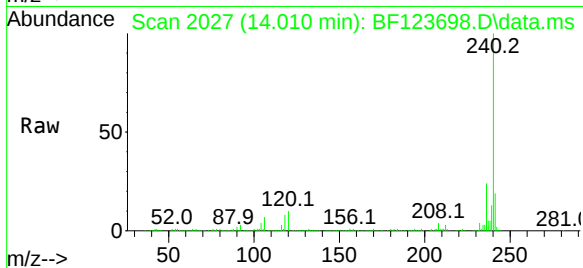




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

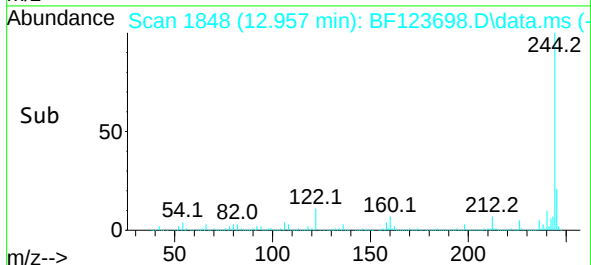
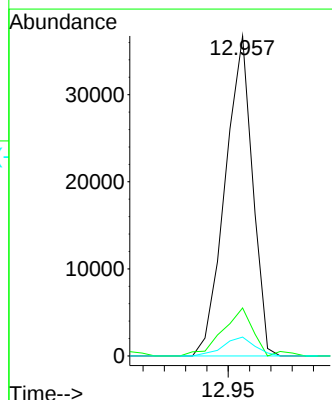
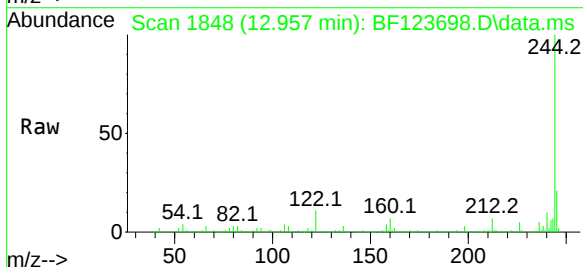
Instrument :
BNA_F
ClientSampleId :
TWP-40

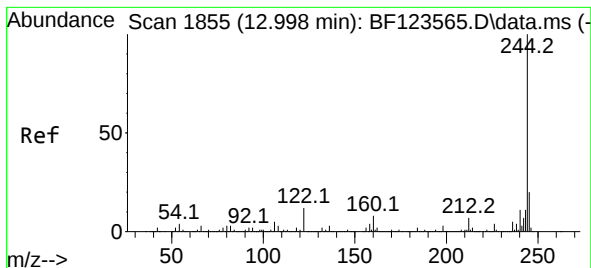
Tgt Ion:240 Resp: 442889
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 2.72 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF123698.D
Acq: 23 Apr 2021 17:47

Tgt Ion:184 Resp: 32776
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 5.9 7.8 11.8#





#79

Terphenyl-d14

Concen: 105.58 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF123698.D

Acq: 23 Apr 2021 17:47

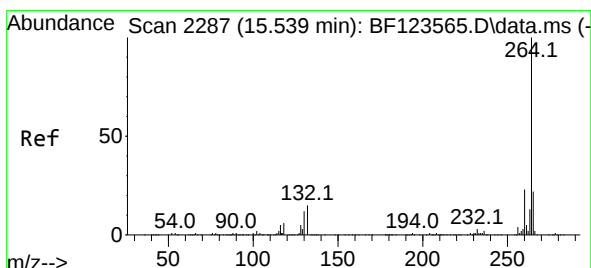
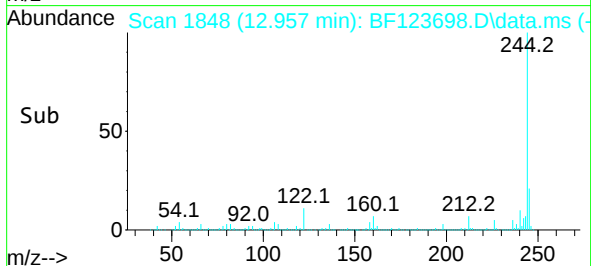
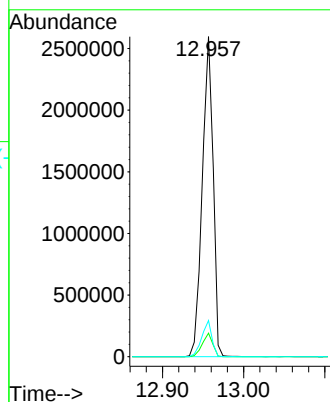
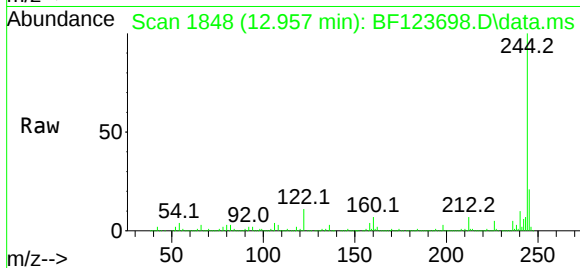
Tgt Ion:244 Resp: 2406029

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.3 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF123698.D

Acq: 23 Apr 2021 17:47

Tgt Ion:264 Resp: 430549

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.0 17.8 26.8

