

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123697.D
 Acq On : 23 Apr 2021 17:14
 Operator : JU/CG
 Sample : M2150-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-20

Quant Time: Apr 23 18:46:58 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)

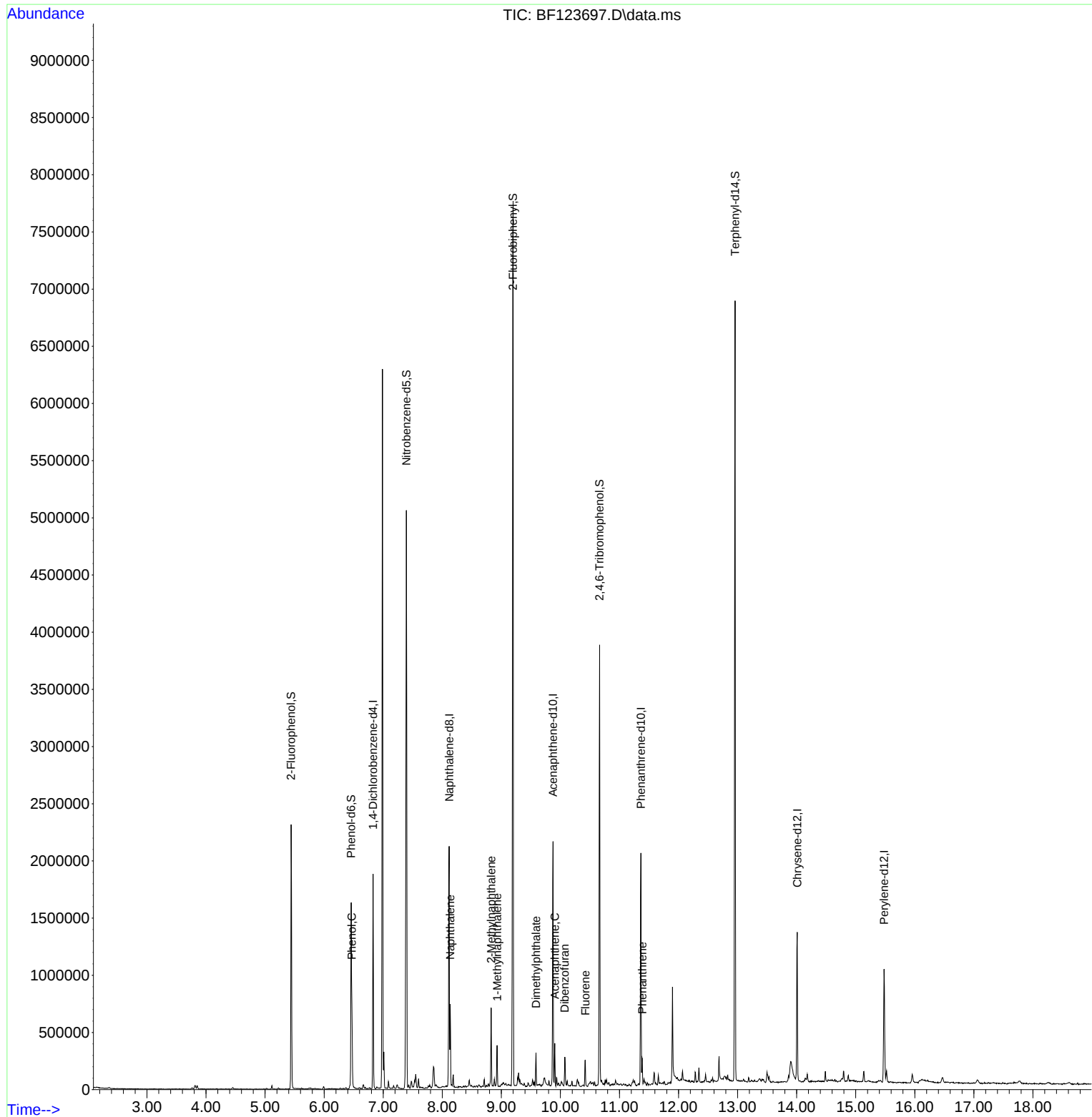
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	225729	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	826239	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	385411	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	673731	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	448256	20.00	ng	-0.01
86) Perylene-d12	15.480	264	440289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	511214	36.60	ng	-0.02
7) Phenol-d6	6.457	99	424123	21.91	ng	-0.02
23) Nitrobenzene-d5	7.393	82	1645488	91.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	402359	92.19	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2411175	93.26	ng	0.00
79) Terphenyl-d14	12.957	244	2226326	96.53	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	165581	8.06	ng	95
31) Naphthalene	8.134	128	257923	6.06	ng	98
37) 2-Methylnaphthalene	8.828	142	144474	5.18	ng	99
38) 1-Methylnaphthalene	8.928	142	78725	2.98	ng	98
50) Dimethylphthalate	9.586	163	85973	3.23	ng	99
52) Acenaphthene	9.904	154	65119	2.73	ng	92
55) Dibenzofuran	10.075	168	68581	2.01	ng	96
58) Fluorene	10.422	166	60735	2.26	ng	97
71) Phenanthrene	11.386	178	84366	2.40	ng	98

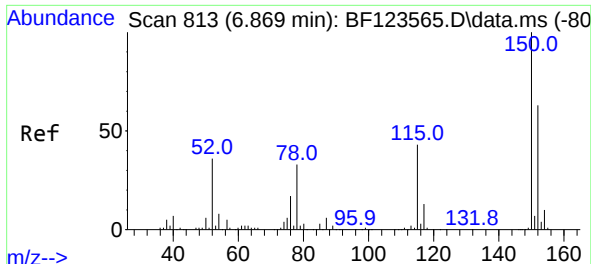
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123697.D
Acq On : 23 Apr 2021 17:14
Operator : JU/CG
Sample : M2150-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-20

Quant Time: Apr 23 18:46:58 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

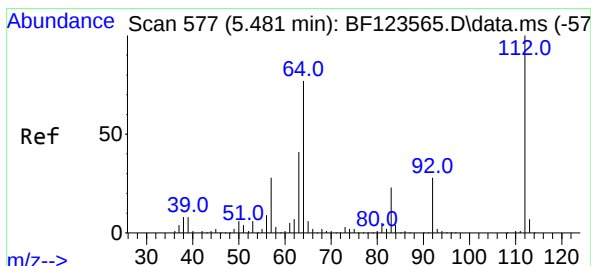
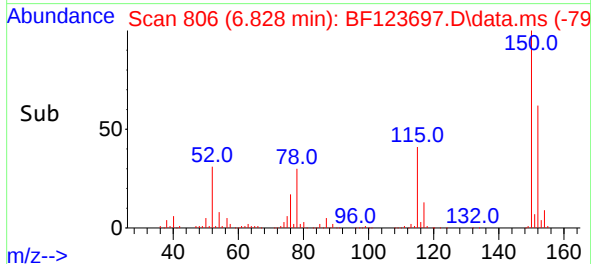
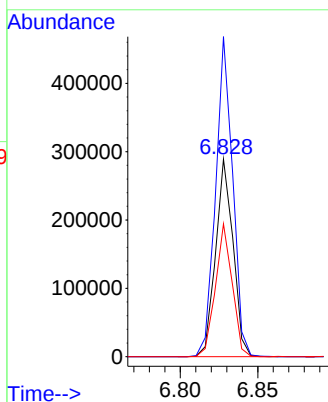
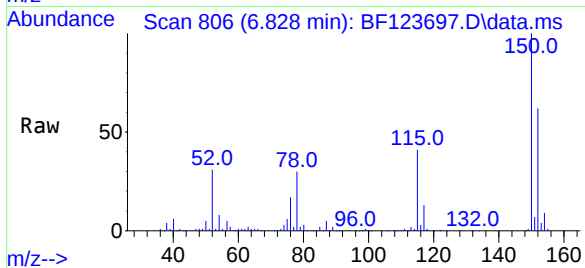




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

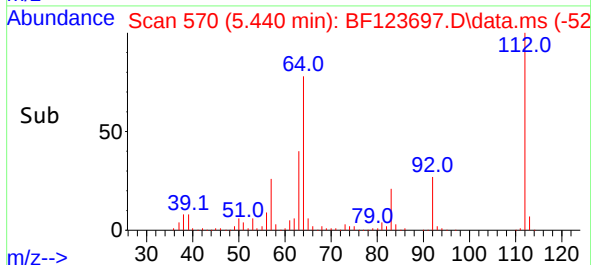
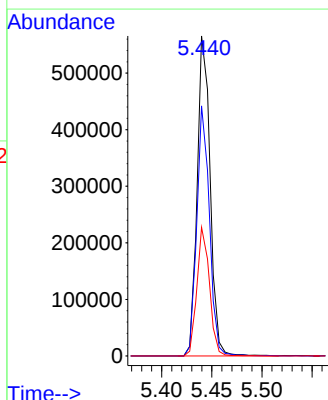
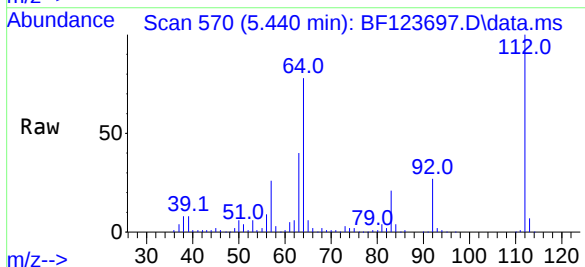
Instrument :
BNA_F
ClientSampleId :
TWP-20

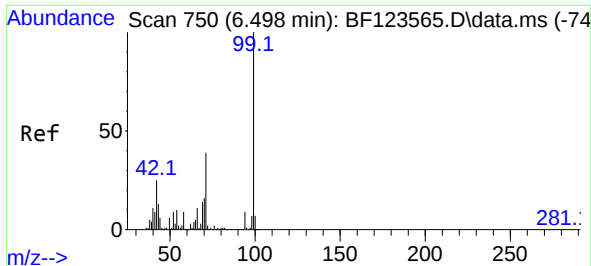
Tgt Ion:152 Resp: 225729
Ion Ratio Lower Upper
152 100
150 162.0 127.0 190.6
115 67.2 54.3 81.5



#5
2-Fluorophenol
Concen: 36.60 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.017 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:112 Resp: 511214
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 40.2 33.0 49.4

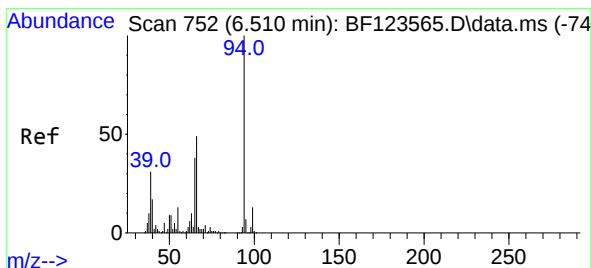
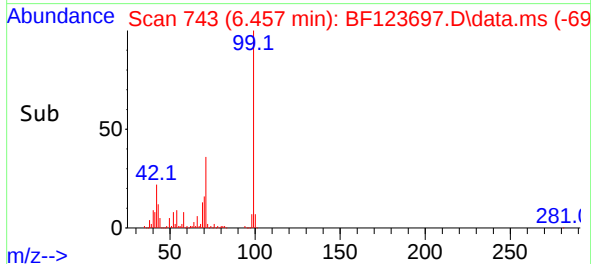
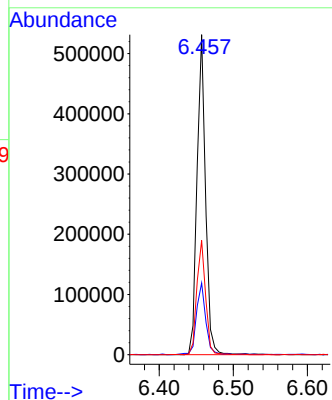
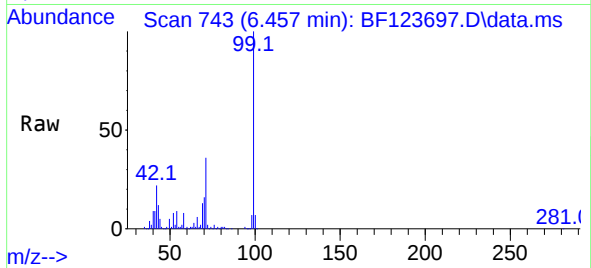




#7
Phenol-d6
Concen: 21.91 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

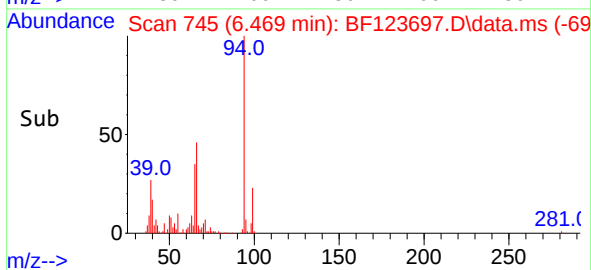
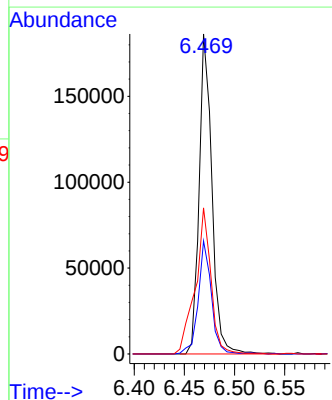
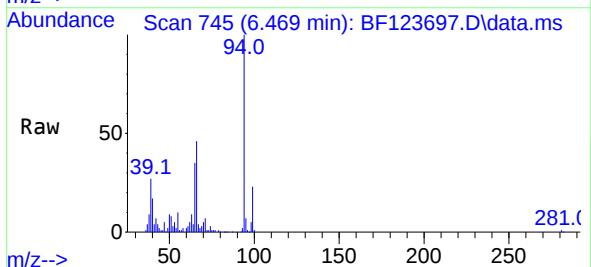
Instrument :
BNA_F
ClientSampleId :
TWP-20

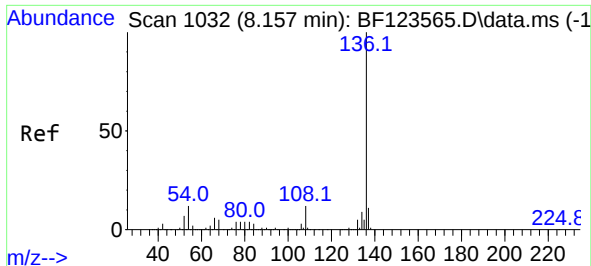
Tgt Ion: 99 Resp: 424123
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.8
71 35.7 31.1 46.7



#10
Phenol
Concen: 8.06 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion: 94 Resp: 165581
Ion Ratio Lower Upper
94 100
65 35.3 18.1 58.1
66 45.7 29.0 69.0



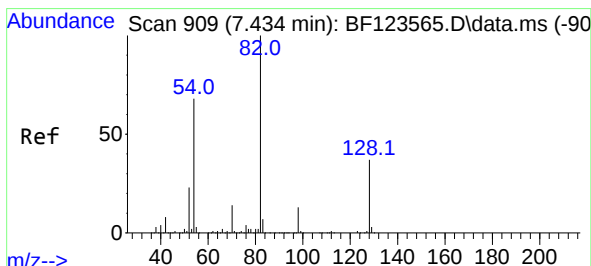
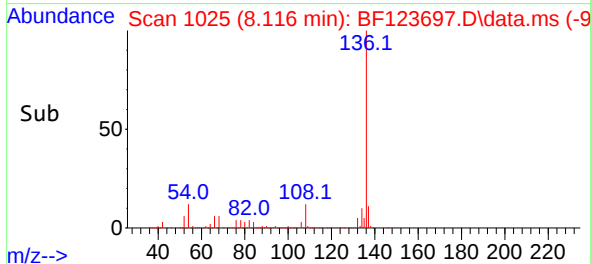
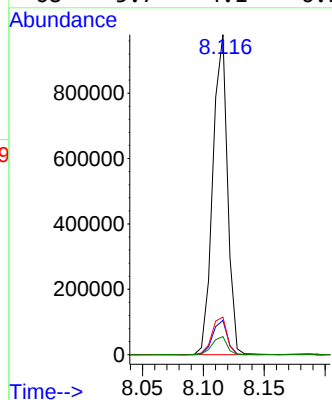
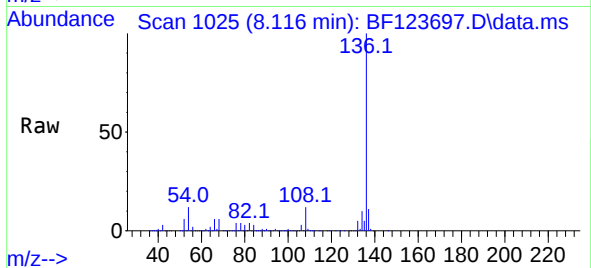


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Instrument :
BNA_F
ClientSampleId :
TWP-20

Tgt Ion:136 Resp: 826239

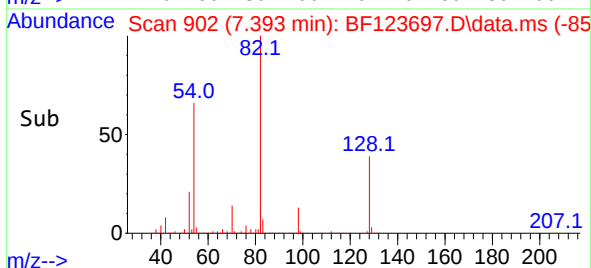
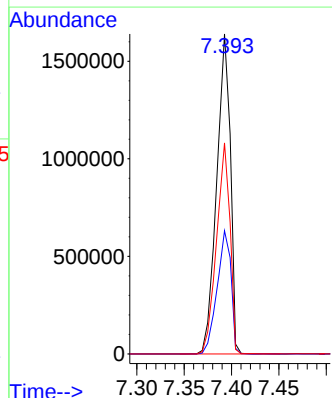
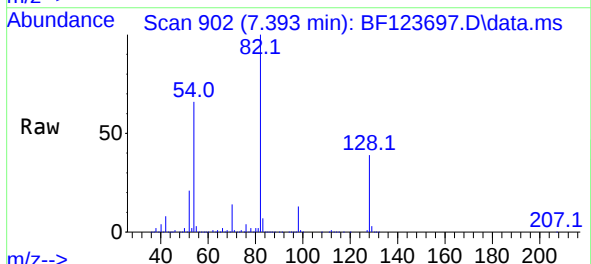
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.7	9.8	14.6
68	5.7	4.1	6.1

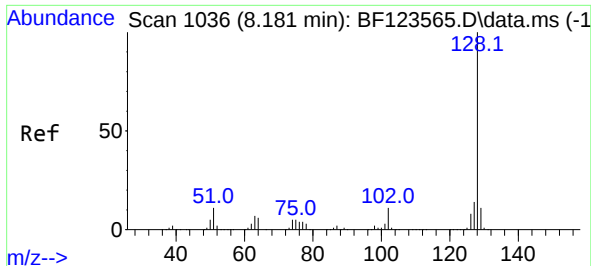


#23
Nitrobenzene-d5
Concen: 91.55 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion: 82 Resp: 1645488

Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.4	44.2
54	66.0	54.1	81.1

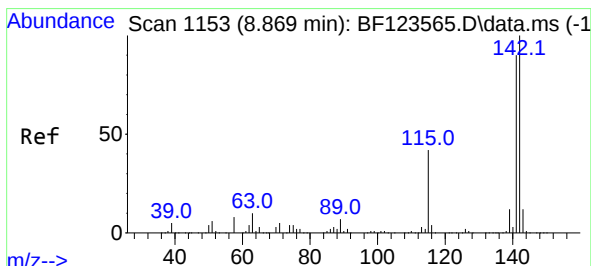
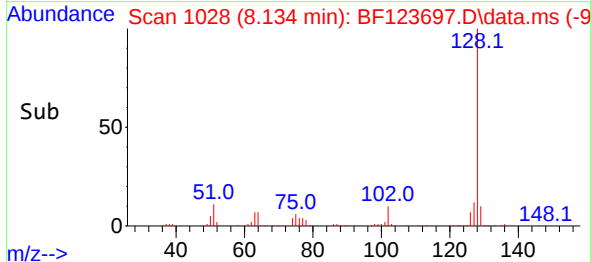
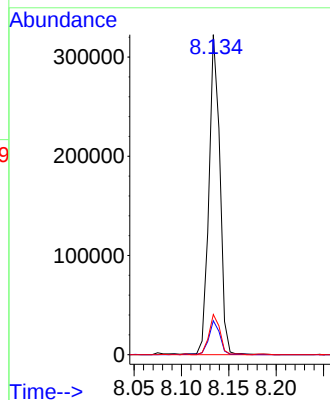
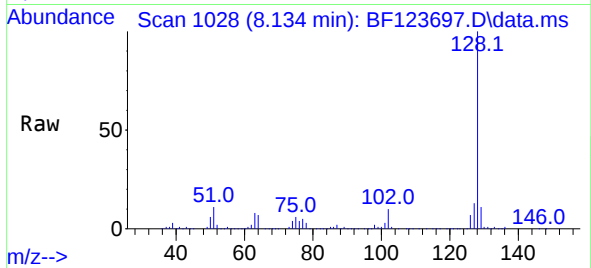




#31
Naphthalene
Concen: 6.06 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.017 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

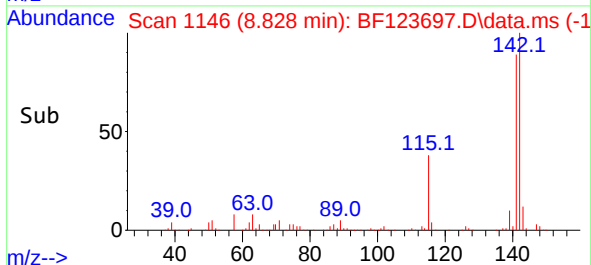
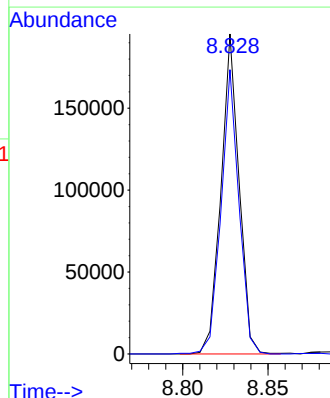
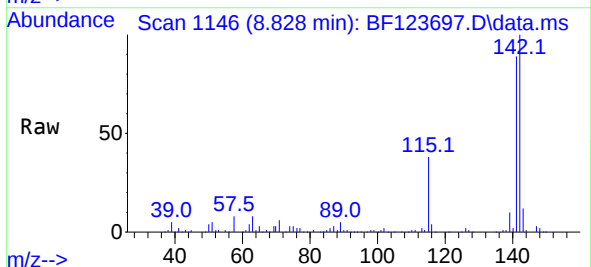
Instrument :
BNA_F
ClientSampled :
TWP-20

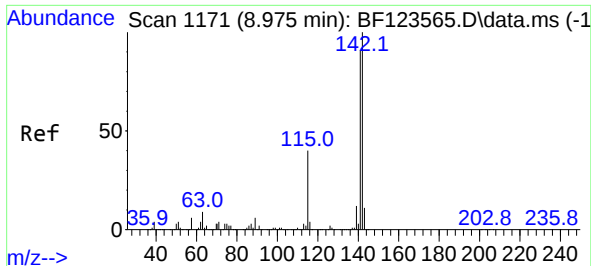
Tgt Ion:128 Resp: 257923
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.8 16.2



#37
2-Methylnaphthalene
Concen: 5.18 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:142 Resp: 144474
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6

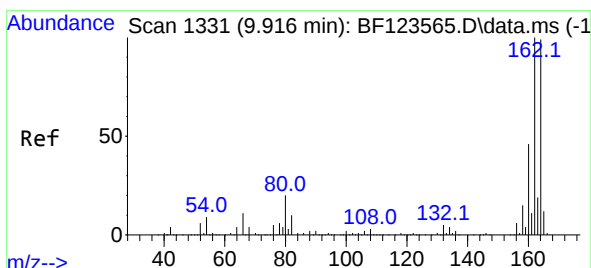
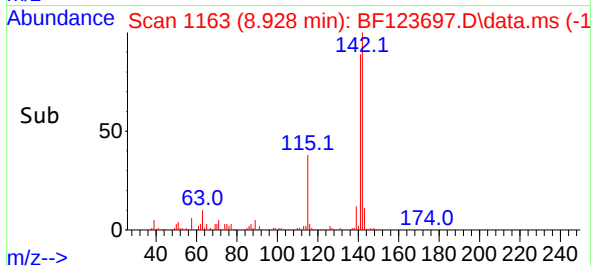
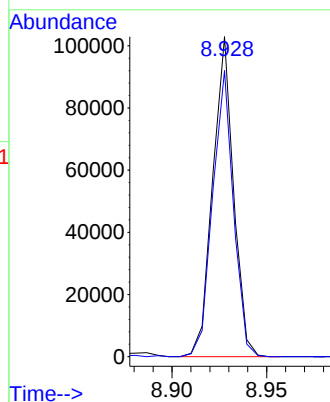
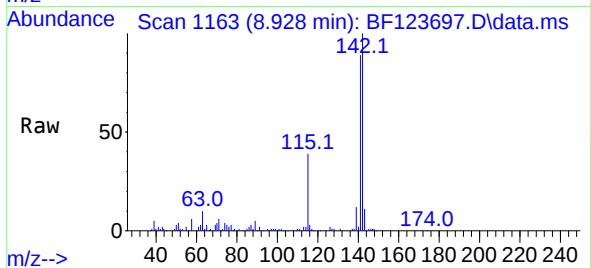




#38
1-Methylnaphthalene
Concen: 2.98 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

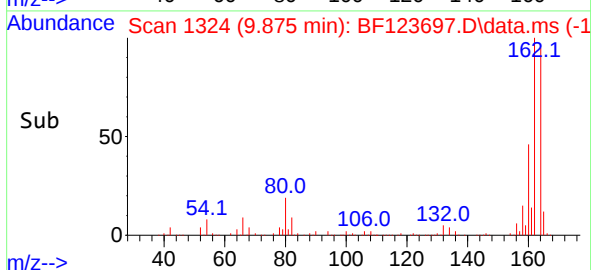
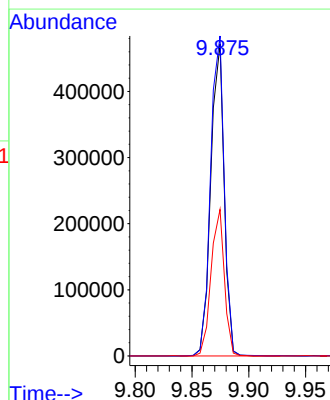
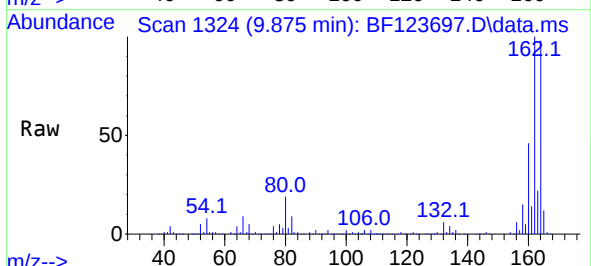
Instrument :
BNA_F
ClientSampleId :
TWP-20

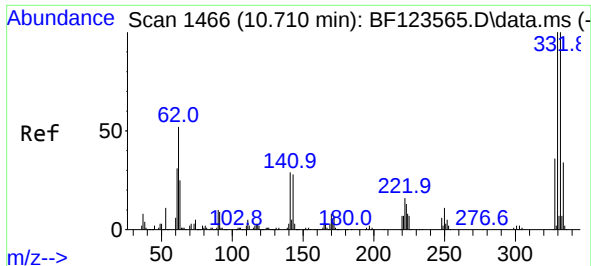
Tgt Ion:142 Resp: 78725
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:164 Resp: 385411
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 47.0 37.3 55.9

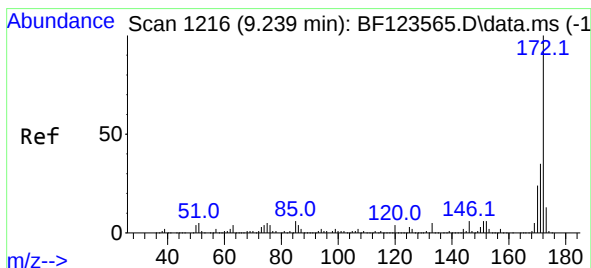
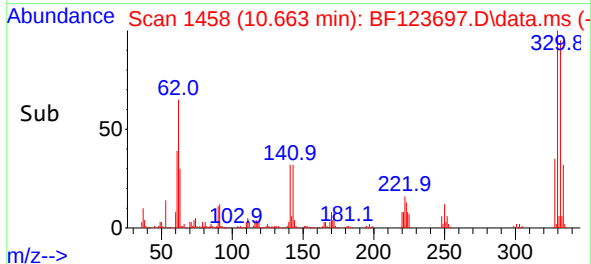
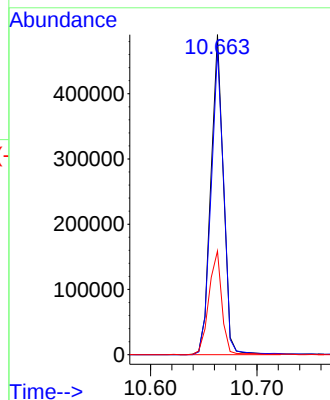
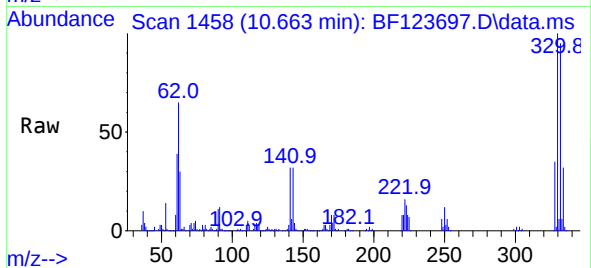




#42
2,4,6-Tribromophenol
Concen: 92.19 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

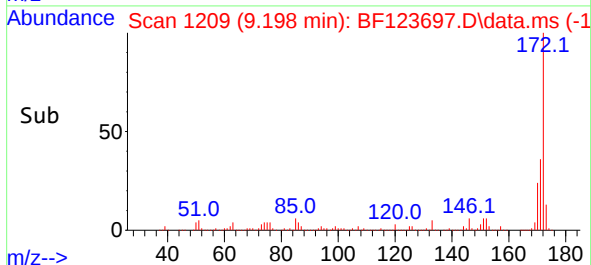
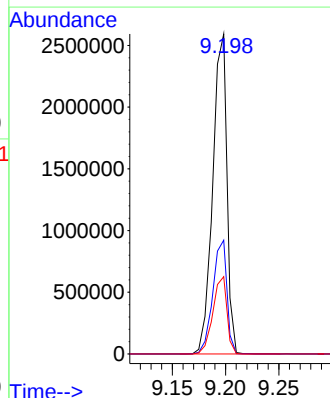
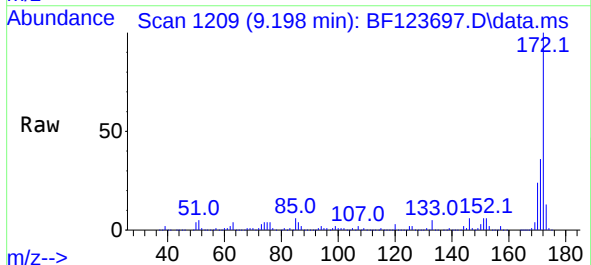
Instrument :
BNA_F
ClientSampleId :
TWP-20

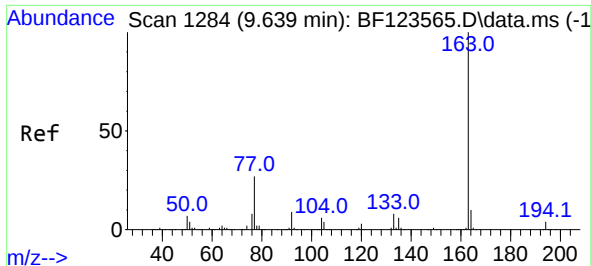
Tgt Ion: 330 Resp: 402359
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.26 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion: 172 Resp: 2411175
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.2 19.2 28.8

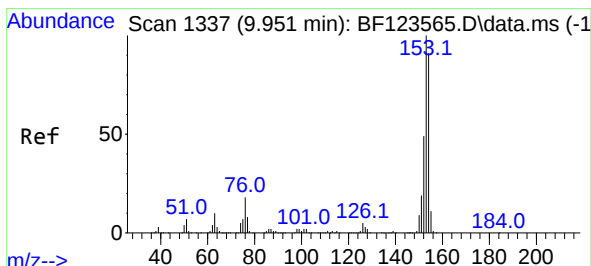
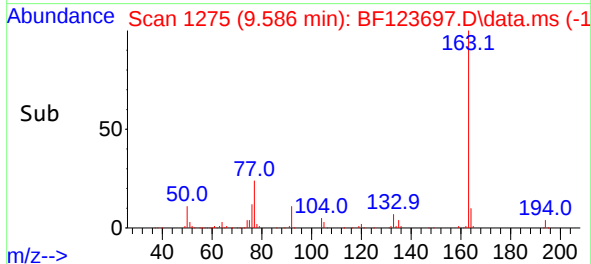
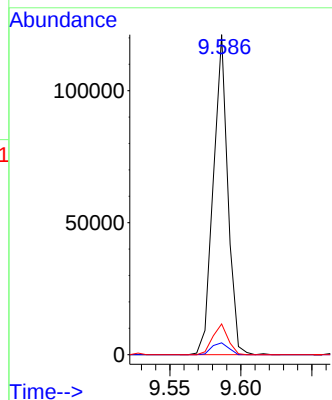
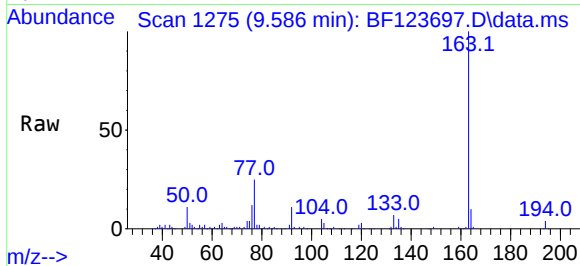




#50
Dimethylphthalate
Concen: 3.23 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.023 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

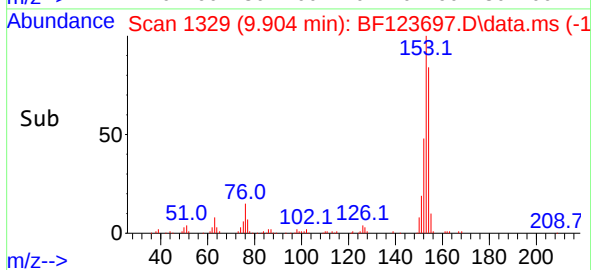
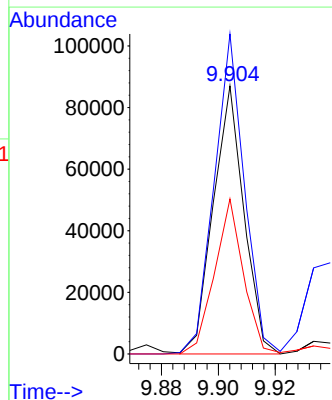
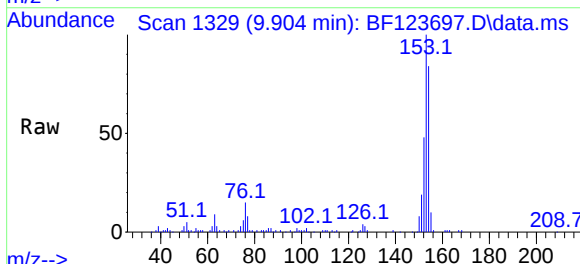
Instrument :
BNA_F
ClientSampleId :
TWP-20

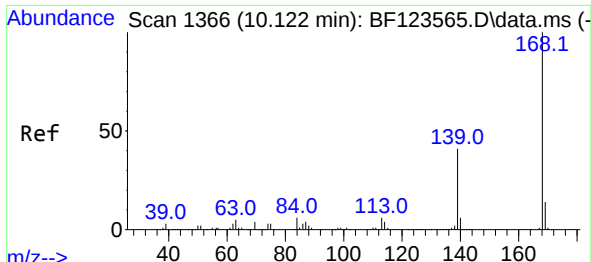
Tgt Ion:163 Resp: 85973
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.6 8.2 12.2



#52
Acenaphthene
Concen: 2.73 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.017 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:154 Resp: 65119
Ion Ratio Lower Upper
154 100
153 119.4 88.1 132.1
152 57.9 43.4 65.0

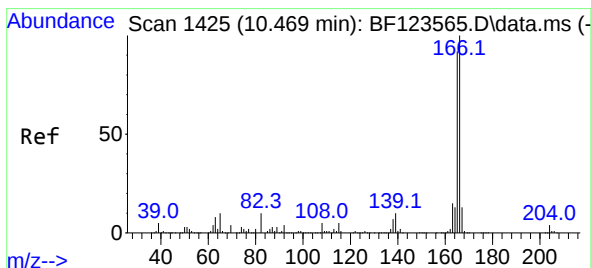
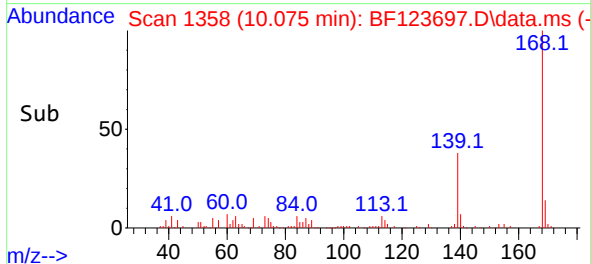
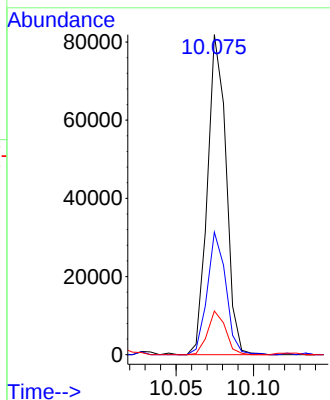
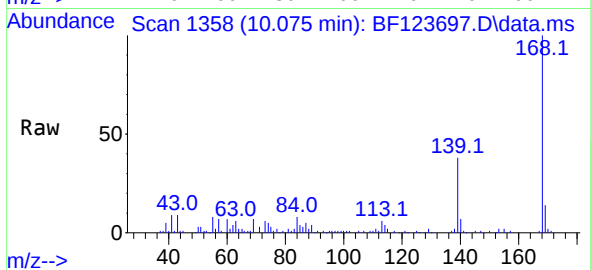




#55
Dibenzenofuran
Concen: 2.01 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.017 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

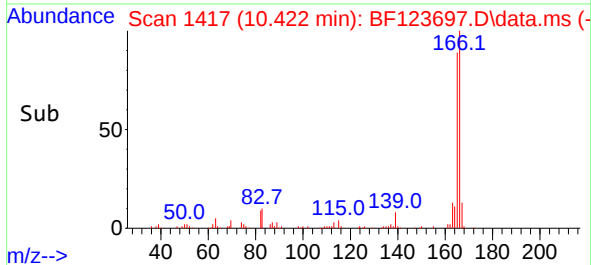
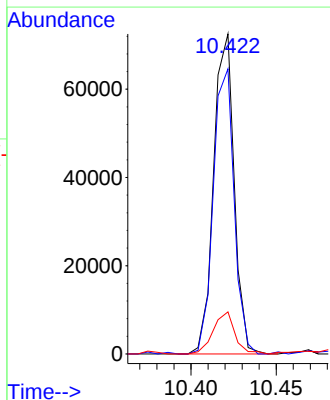
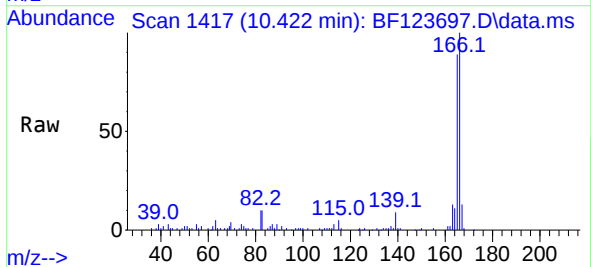
Instrument :
BNA_F
ClientSampleId :
TWP-20

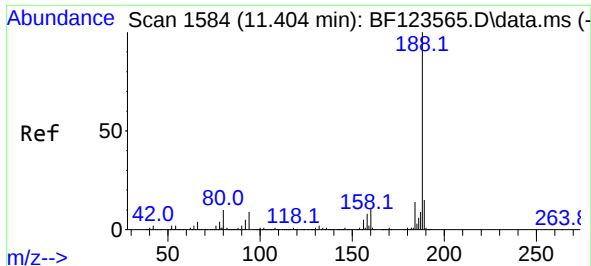
Tgt Ion:168 Resp: 68581
Ion Ratio Lower Upper
168 100
139 38.3 33.2 49.8
169 13.6 10.8 16.2



#58
Fluorene
Concen: 2.26 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:166 Resp: 60735
Ion Ratio Lower Upper
166 100
165 89.1 73.5 110.3
167 13.1 10.7 16.1



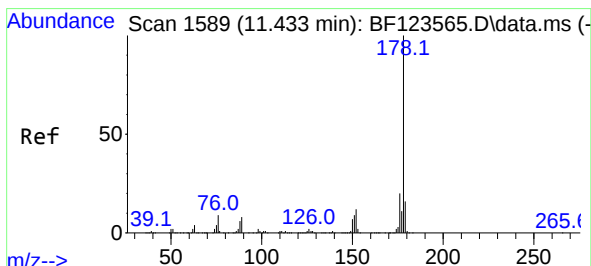
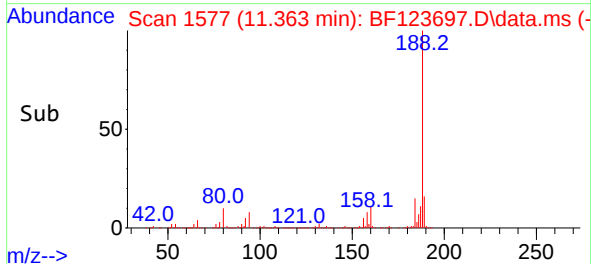
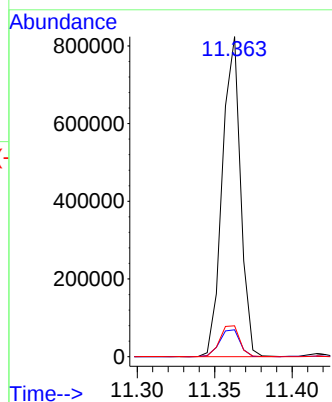
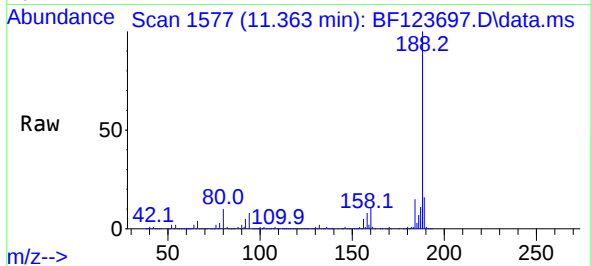


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Instrument :
BNA_F
ClientSampleId :
TWP-20

Tgt Ion:188 Resp: 673731

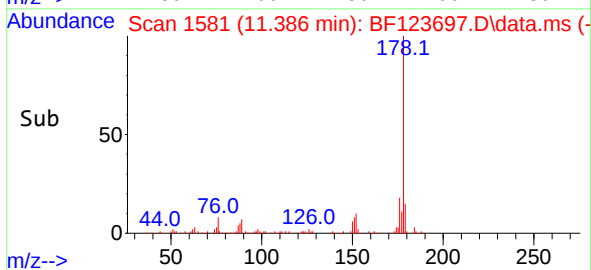
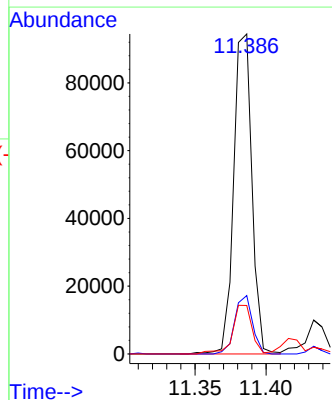
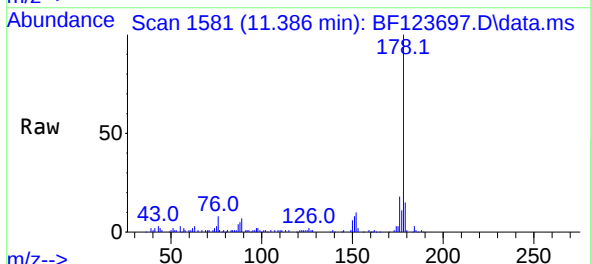
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.7	8.2	12.2

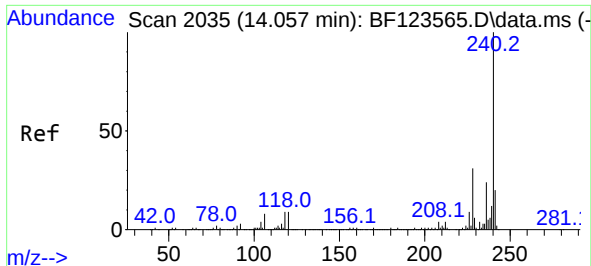


#71
Phenanthrene
Concen: 2.40 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:178 Resp: 84366

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.1	12.5	18.7

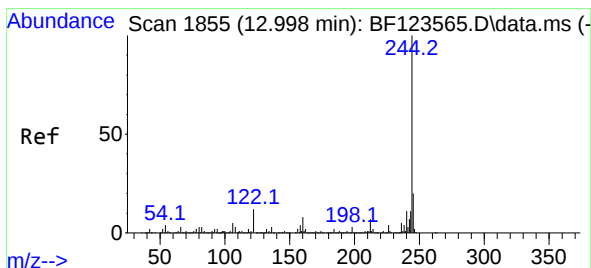
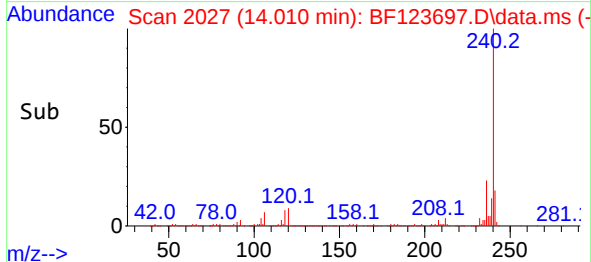
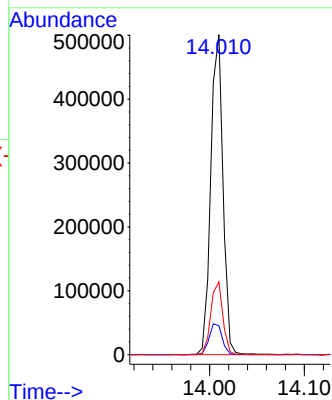
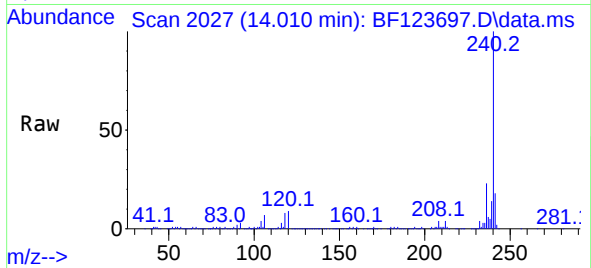




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

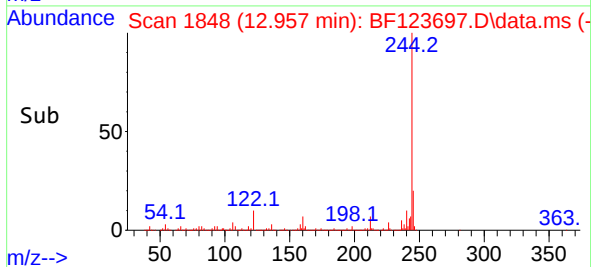
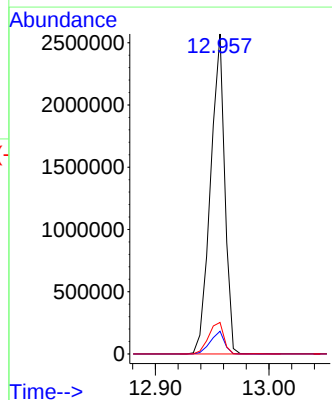
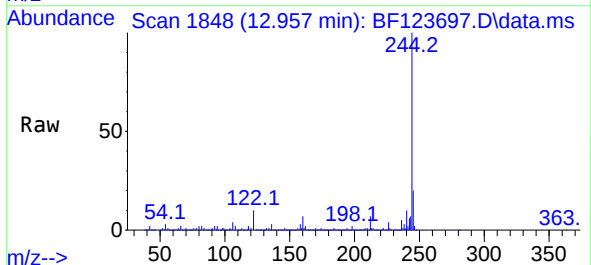
Instrument :
BNA_F
ClientSampleId :
TWP-20

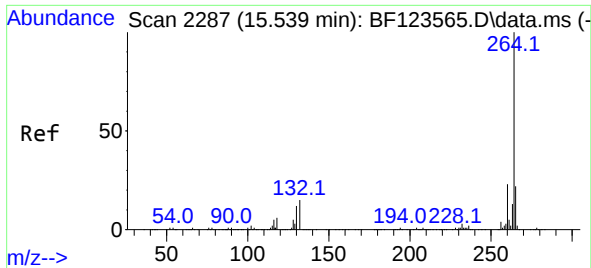
Tgt Ion:240 Resp: 448256
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 22.8 19.0 28.4



#79
Terphenyl-d14
Concen: 96.53 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF123697.D
Acq: 23 Apr 2021 17:14

Tgt Ion:244 Resp: 2226326
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.9 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: BF123697.D
 Acq: 23 Apr 2021 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TWP-20

Tgt Ion:264 Resp: 440289

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.8	26.8

