

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123658.D
 Acq On : 20 Apr 2021 23:34
 Operator : JU/CG
 Sample : M2048-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Apr 21 01:23:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

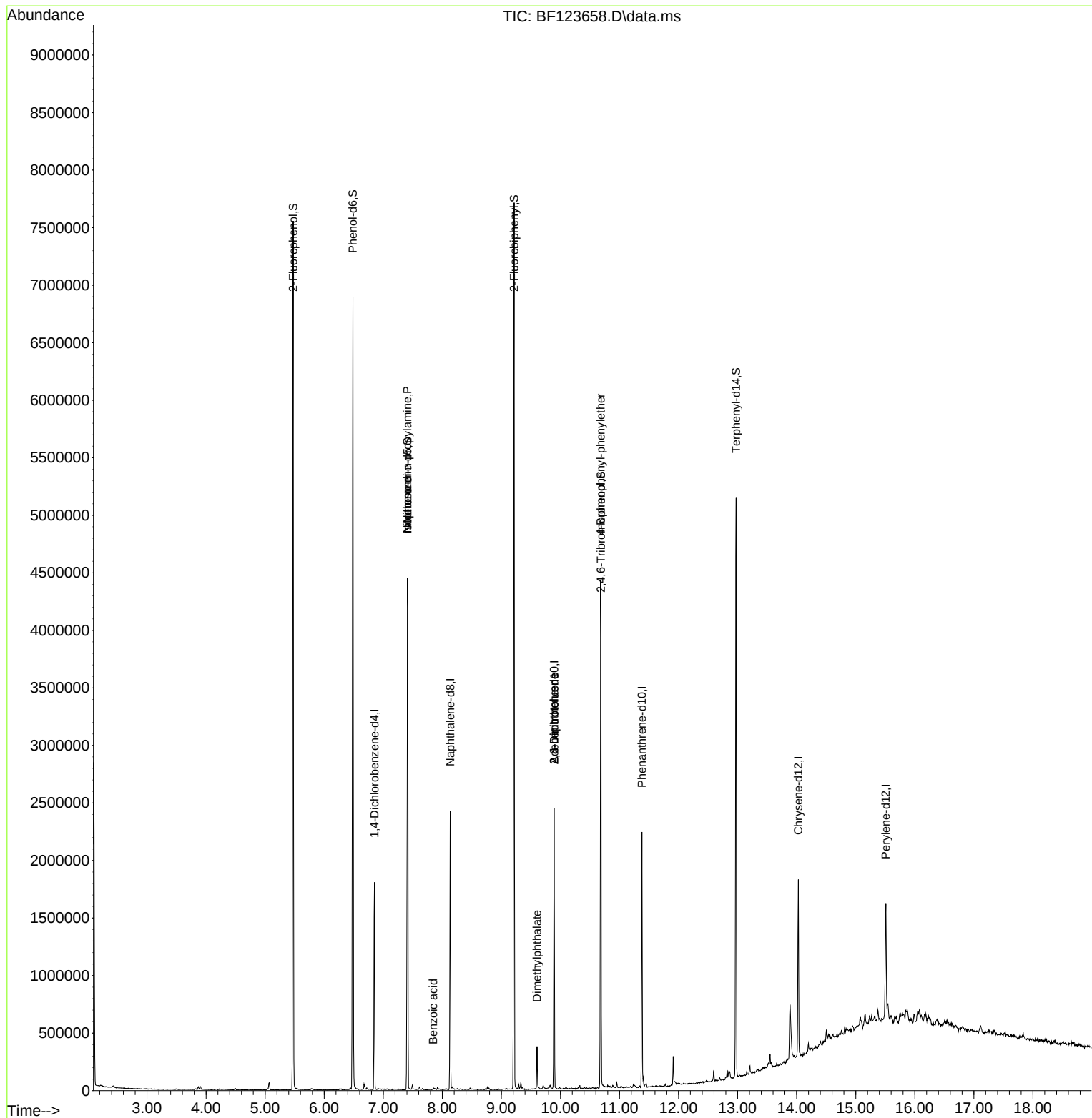
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	230029	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	873540	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	424782	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	699858	20.00	ng	0.00
76) Chrysene-d12	14.027	240	485372	20.00	ng	0.00
86) Perylene-d12	15.509	264	453673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1579070	110.95	ng	0.00
7) Phenol-d6	6.486	99	2054691	104.18	ng	0.00
23) Nitrobenzene-d5	7.410	82	1478430	77.81	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	506103	105.21	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2177037	76.40	ng	0.00
79) Terphenyl-d14	12.974	244	1641371	65.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	198149	15.17	ng	# 76
25) Isophorone	7.410	82	1478413	40.10	ng	# 69
32) Benzoic acid	7.845	122	154	4.56	ng	# 1
50) Dimethylphthalate	9.604	163	114838	3.91	ng	98
51) 2,6-Dinitrotoluene	9.892	165	55105	8.55	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	55105	6.40	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	28597	3.91	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	31380	Below Cal		# 74
92) Benzo(g,h,i)perylene	17.427	276	9243	Below Cal		# 80

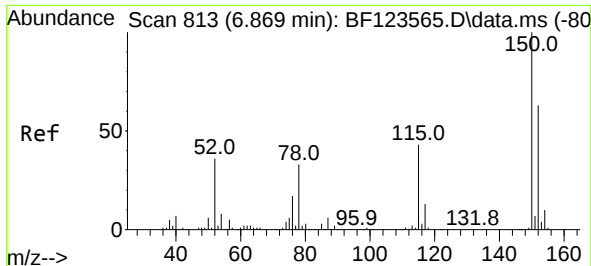
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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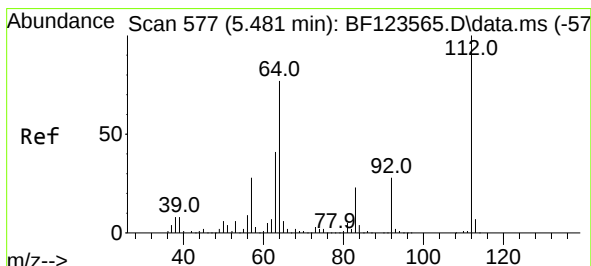
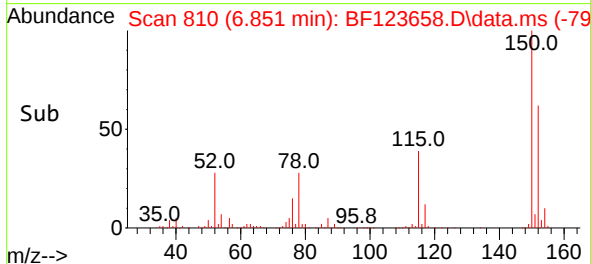
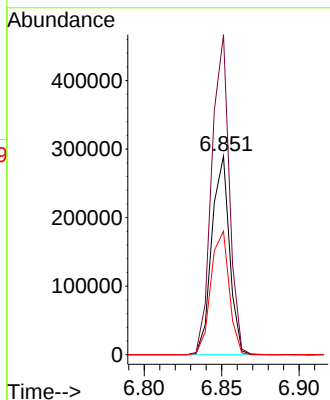
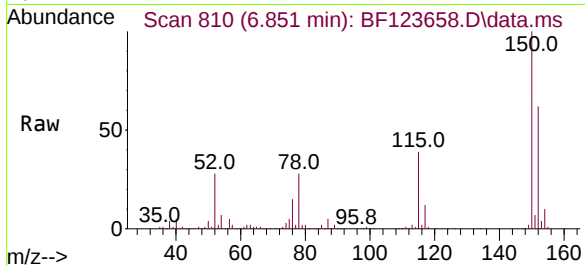




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

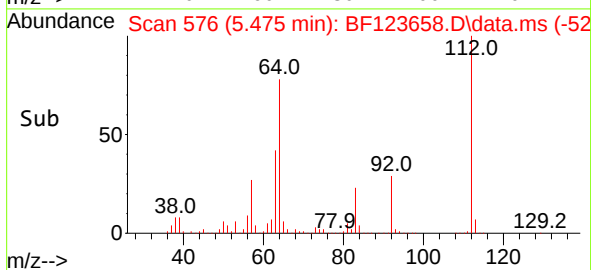
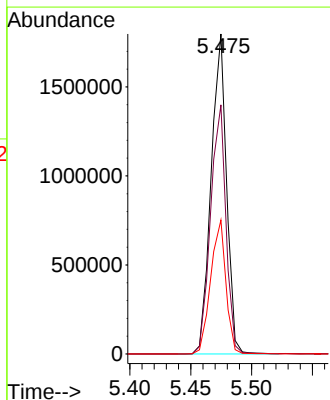
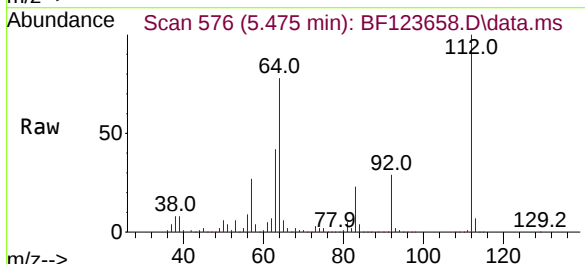
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

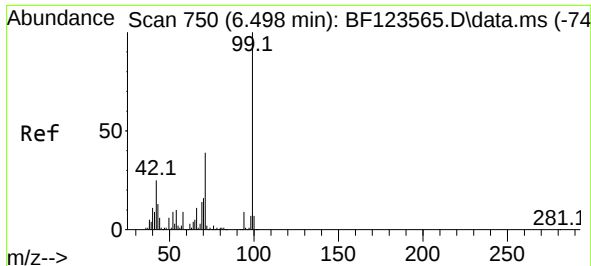
Tgt Ion:152 Resp: 230029
Ion Ratio Lower Upper
152 100
150 161.2 127.0 190.6
115 62.2 54.3 81.5



#5
2-Fluorophenol
Concen: 110.95 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:112 Resp: 1579070
Ion Ratio Lower Upper
112 100
64 77.9 61.4 92.0
63 41.9 33.0 49.4



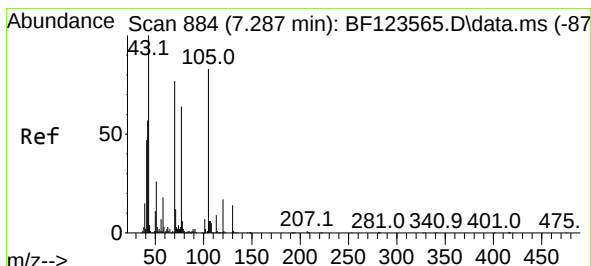
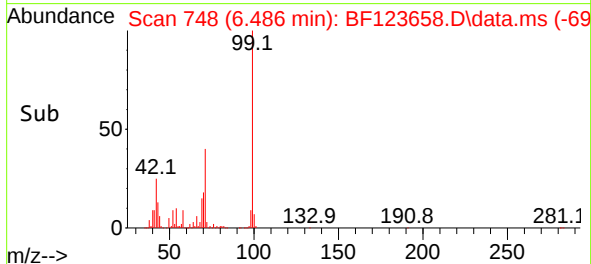
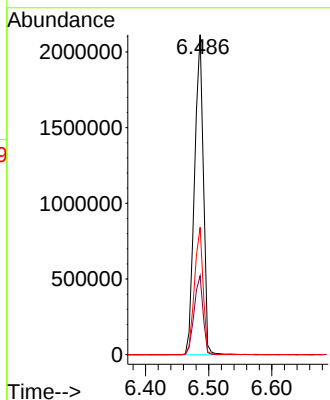
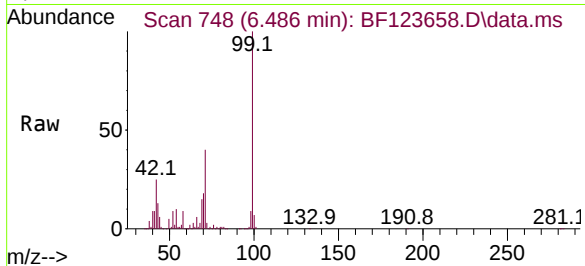


#7
Phenol-d6
Concen: 104.18 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Tgt Ion: 99 Resp: 2054691

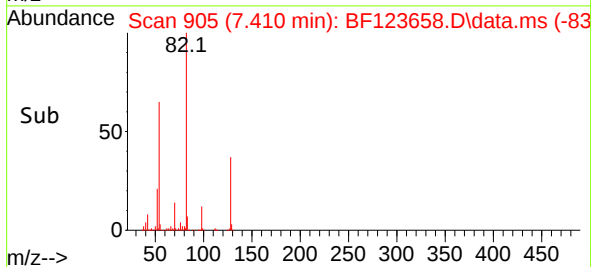
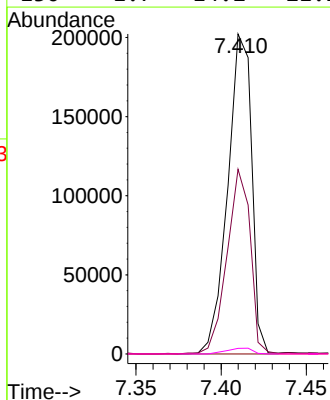
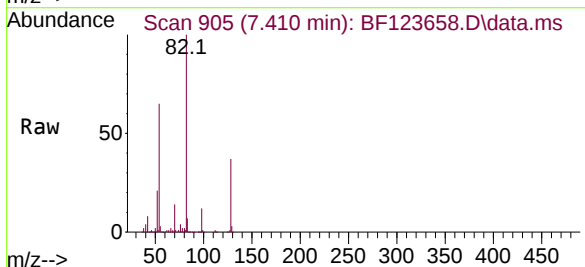
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.8	29.8
71	39.8	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.17 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion: 70 Resp: 198149

Ion	Ratio	Lower	Upper
70	100		
42	57.7	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#

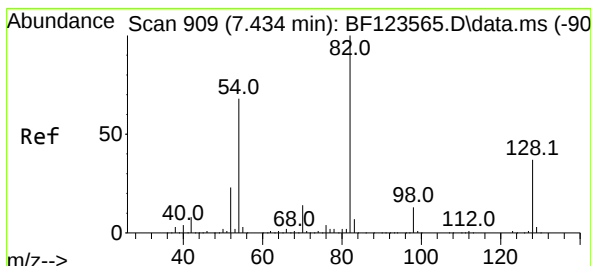
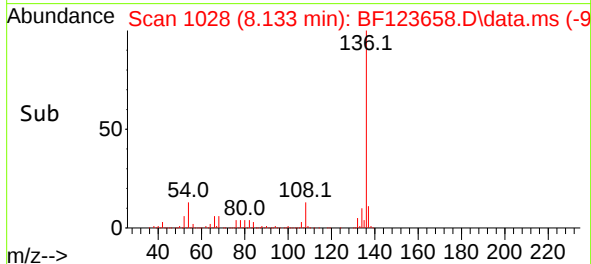
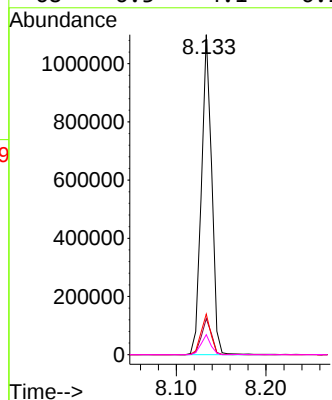
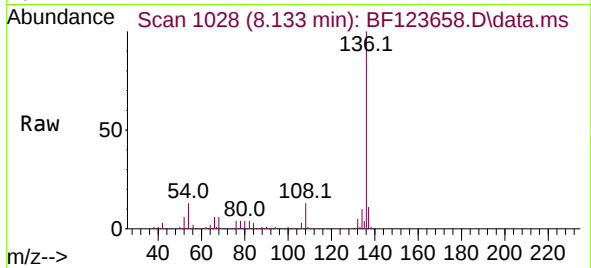




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

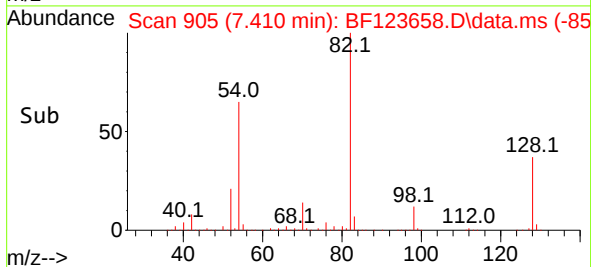
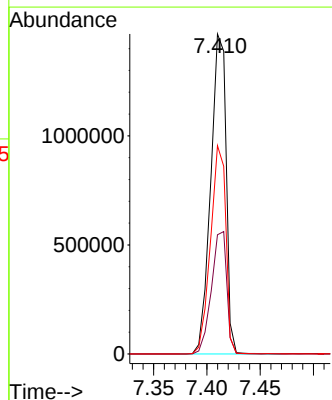
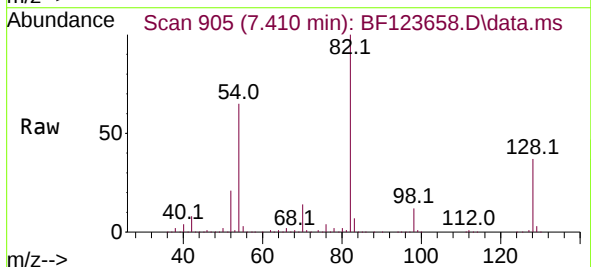
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

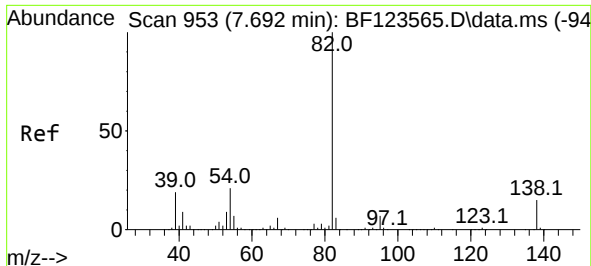
Tgt Ion:	136	Resp:	873540
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	12.7	9.8	14.6
68	6.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.81 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:	82	Resp:	1478430
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.4	44.2
54	65.1	54.1	81.1

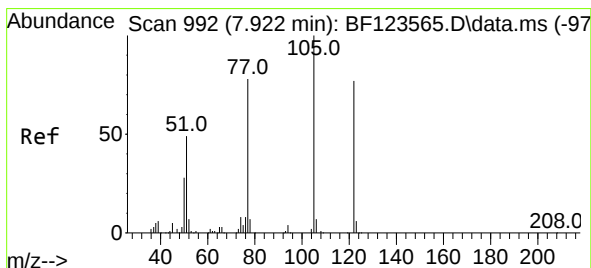
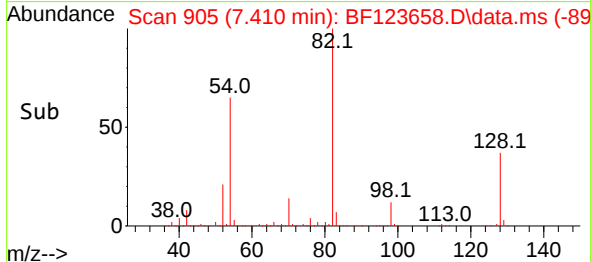
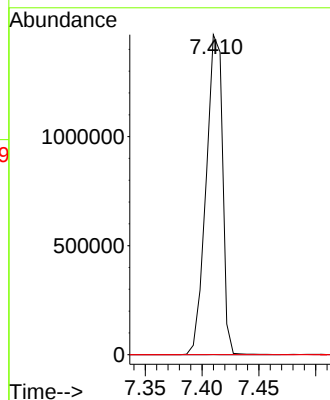
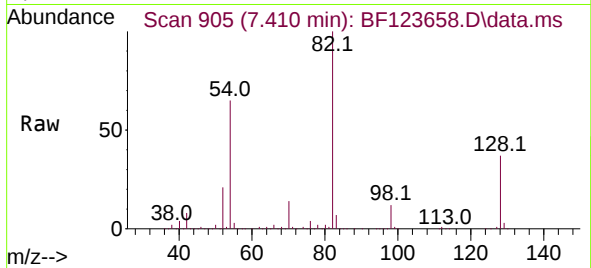




#25
Isophorone
Concen: 40.10 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

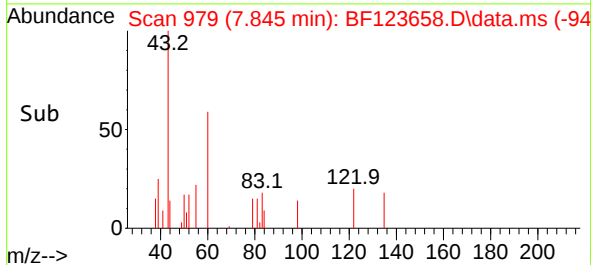
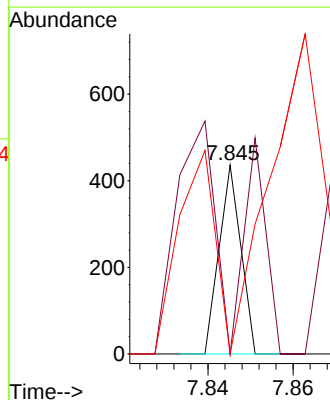
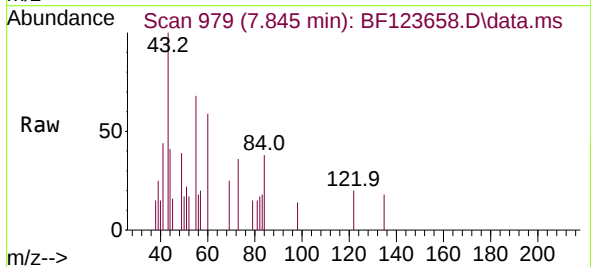
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

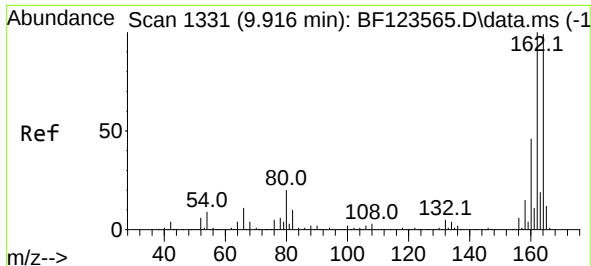
Tgt Ion: 82 Resp: 1478413
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.071 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion: 122 Resp: 154
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

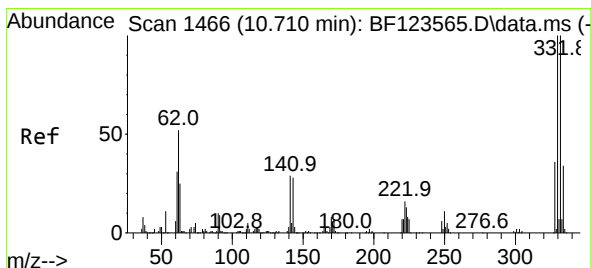
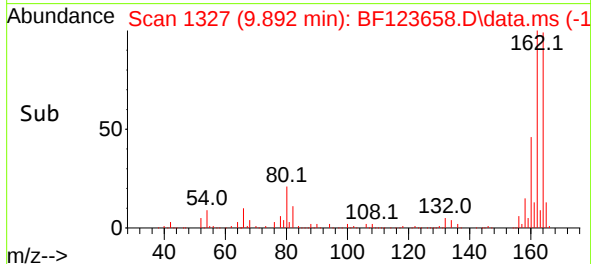
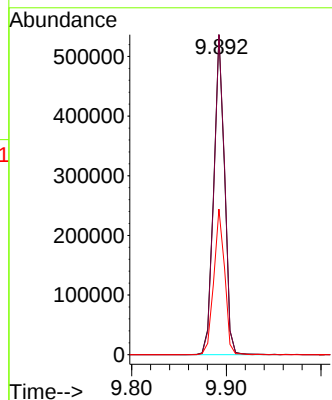
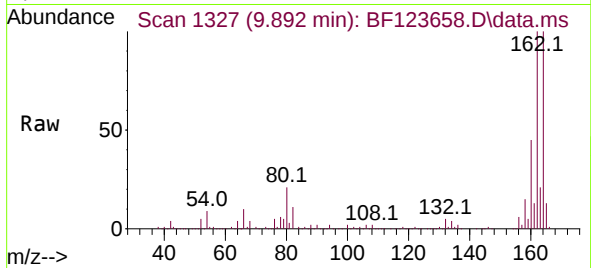




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

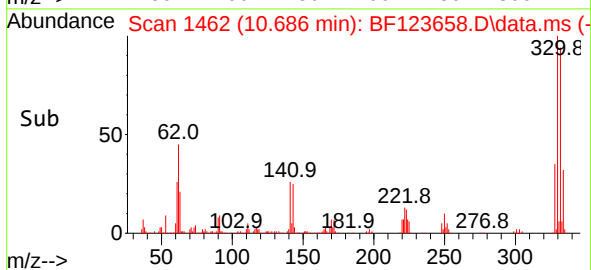
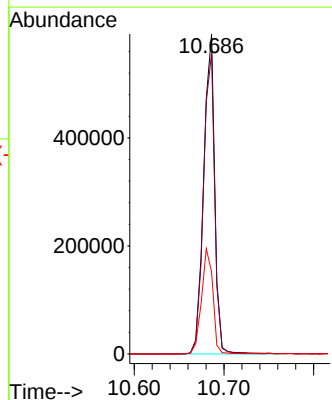
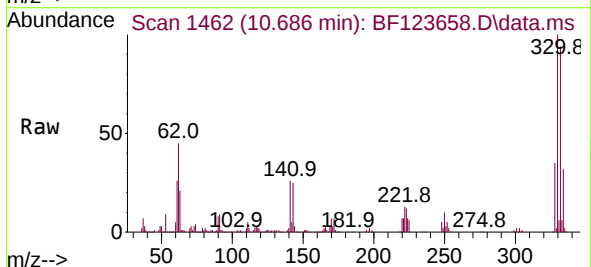
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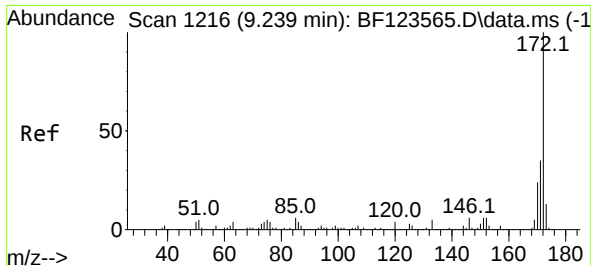
Tgt Ion:164 Resp: 424782
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 45.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 105.21 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:330 Resp: 506103
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.7 27.9 41.9

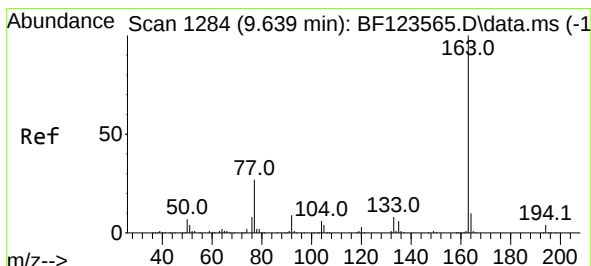
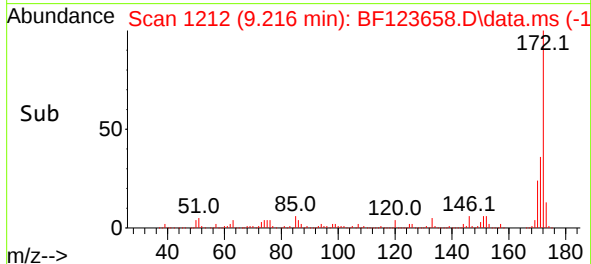
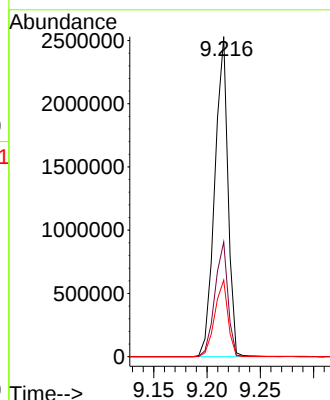
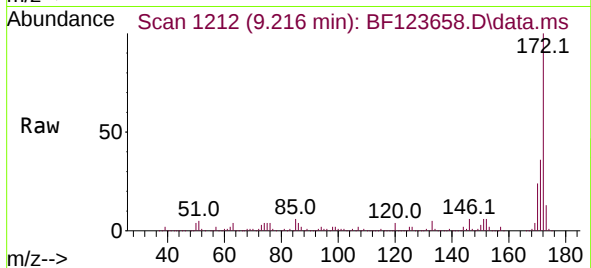




#45
2-Fluorobiphenyl
Concen: 76.40 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

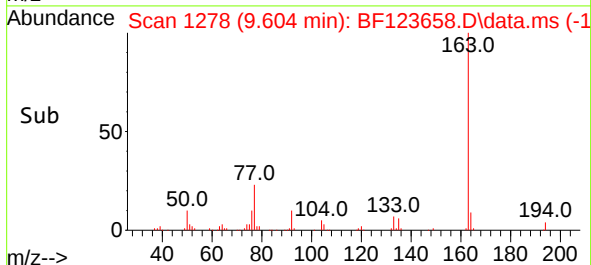
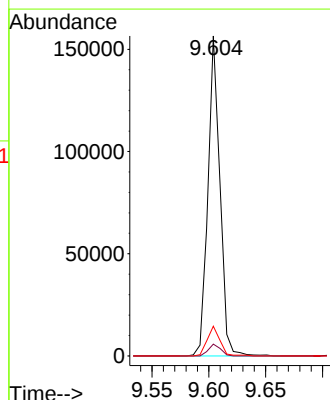
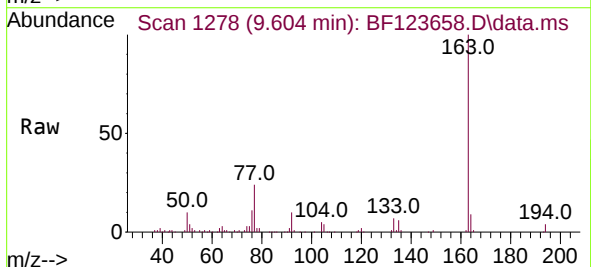
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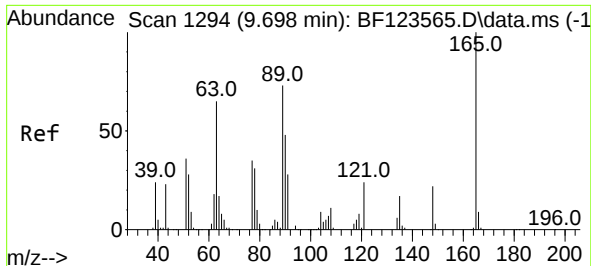
Tgt Ion:172 Resp: 2177037
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 3.91 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:163 Resp: 114838
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.3 8.2 12.2

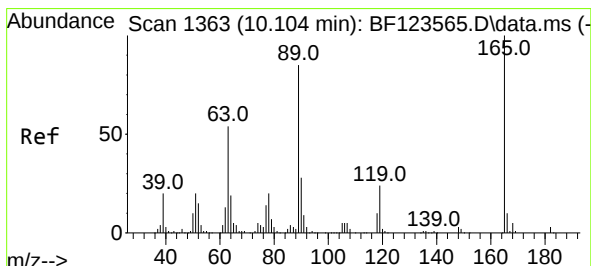
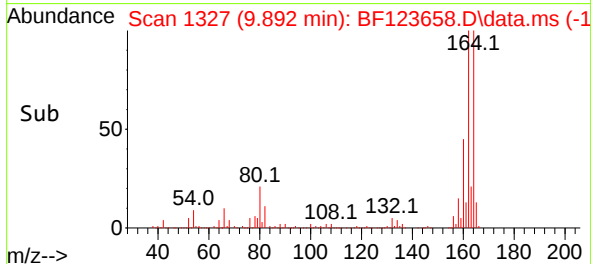
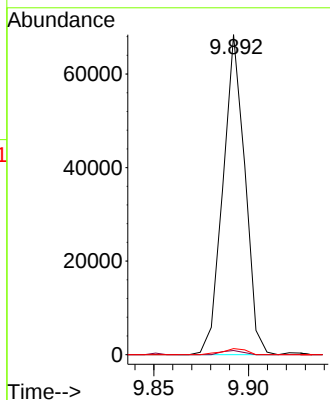
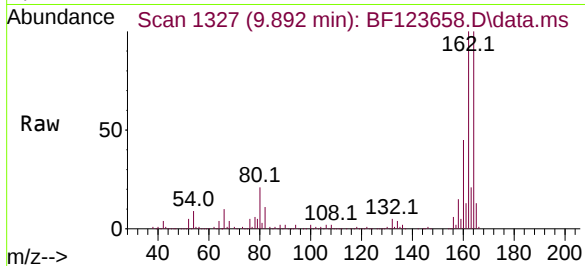




#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

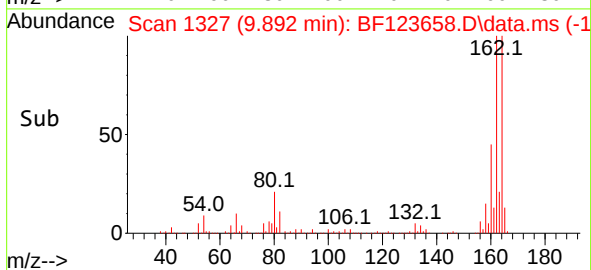
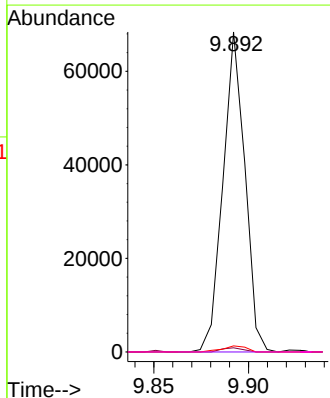
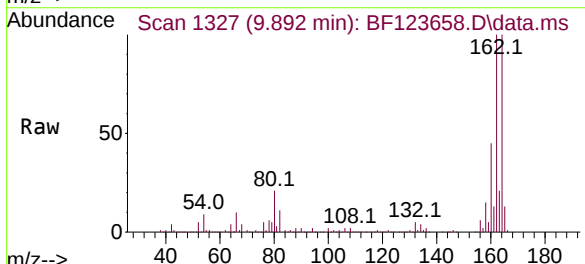
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

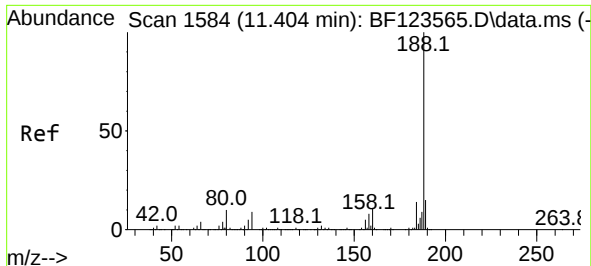
Tgt Ion:165 Resp: 55105
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:165 Resp: 55105
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 1.9 67.7 101.5#
182 0.0 2.1 3.1#

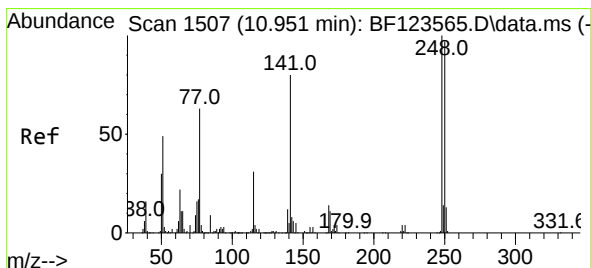
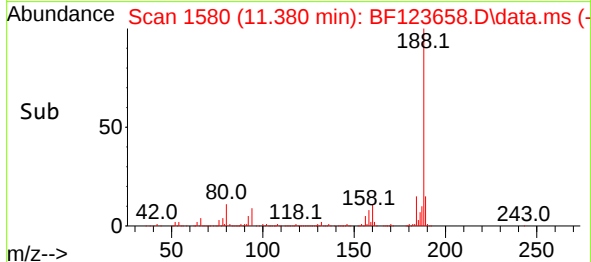
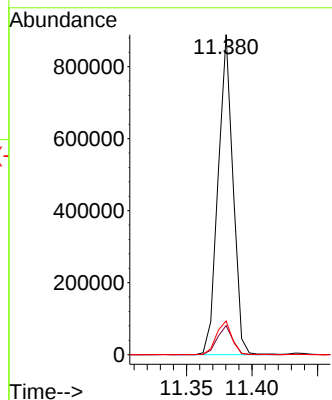
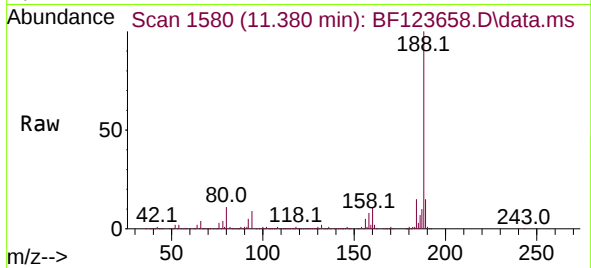




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

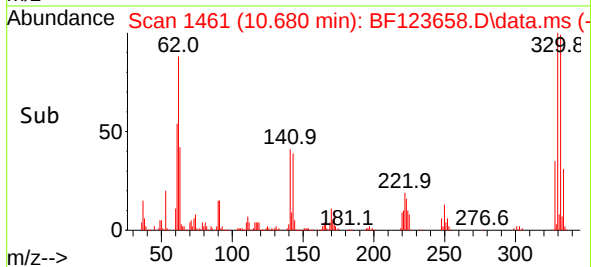
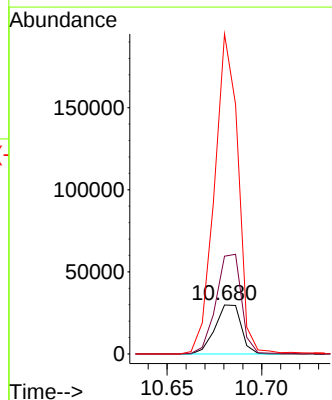
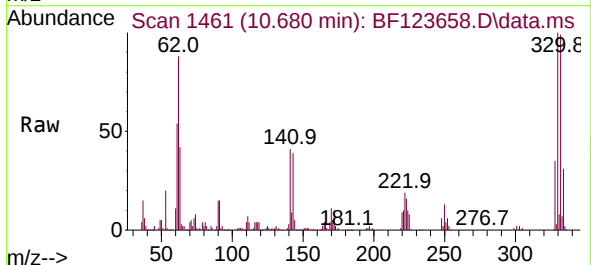
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

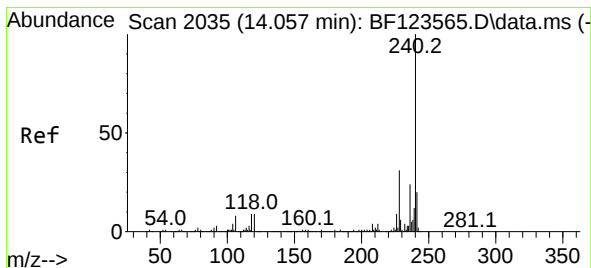
Tgt Ion:188 Resp: 699858
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Tgt Ion:248 Resp: 28597
Ion Ratio Lower Upper
248 100
250 199.7 77.4 116.2#
141 653.4 63.7 95.5#

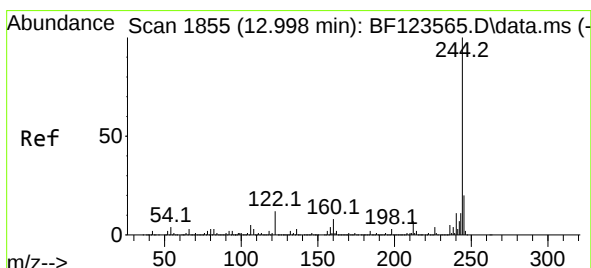
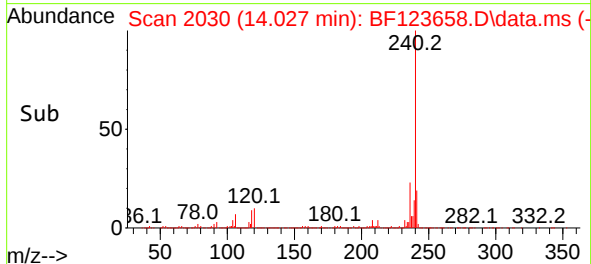
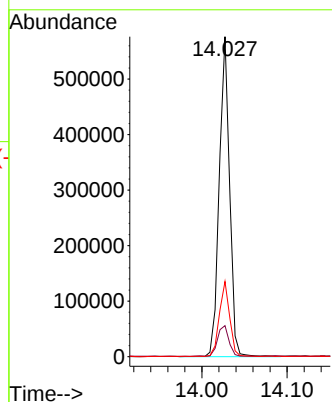
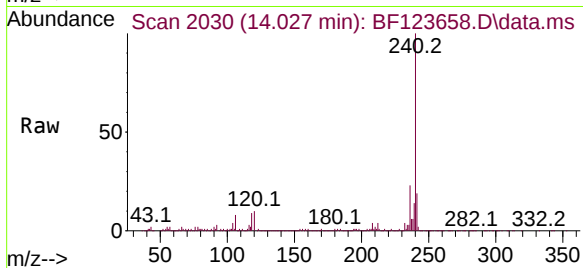




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

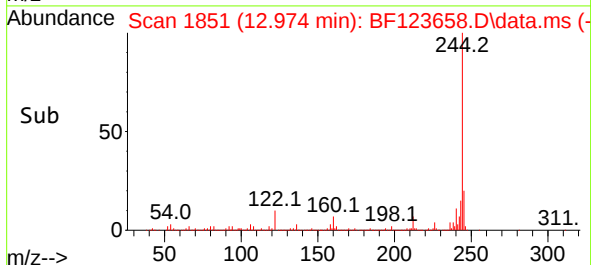
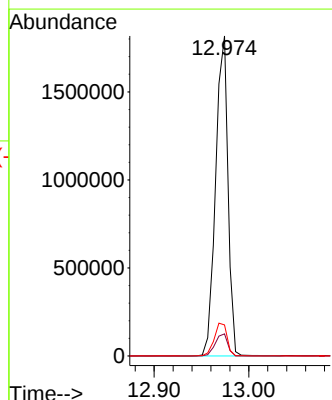
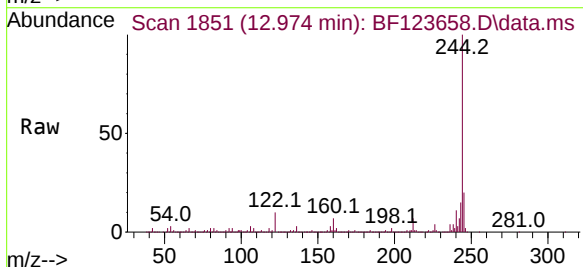
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

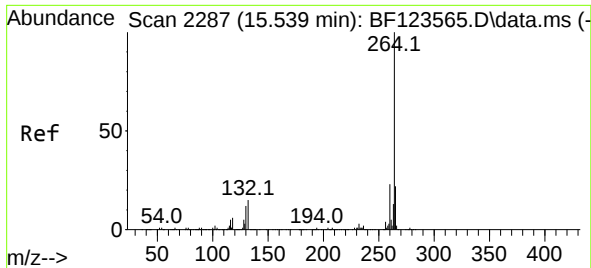
Tgt Ion:240 Resp: 485372
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.5 19.0 28.4



#79
Terphenyl-d14
Concen: 65.72 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

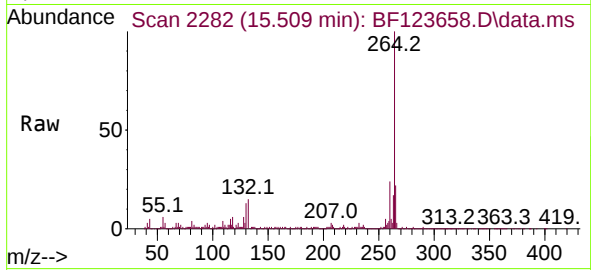
Tgt Ion:244 Resp: 1641371
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.7 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123658.D
Acq: 20 Apr 2021 23:34

Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



Tgt Ion:264 Resp: 453673

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.8	26.8

