

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123651.D
 Acq On : 20 Apr 2021 19:42
 Operator : JU/CG
 Sample : M2076-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-0-2.0

Quant Time: Apr 21 01:21:35 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)

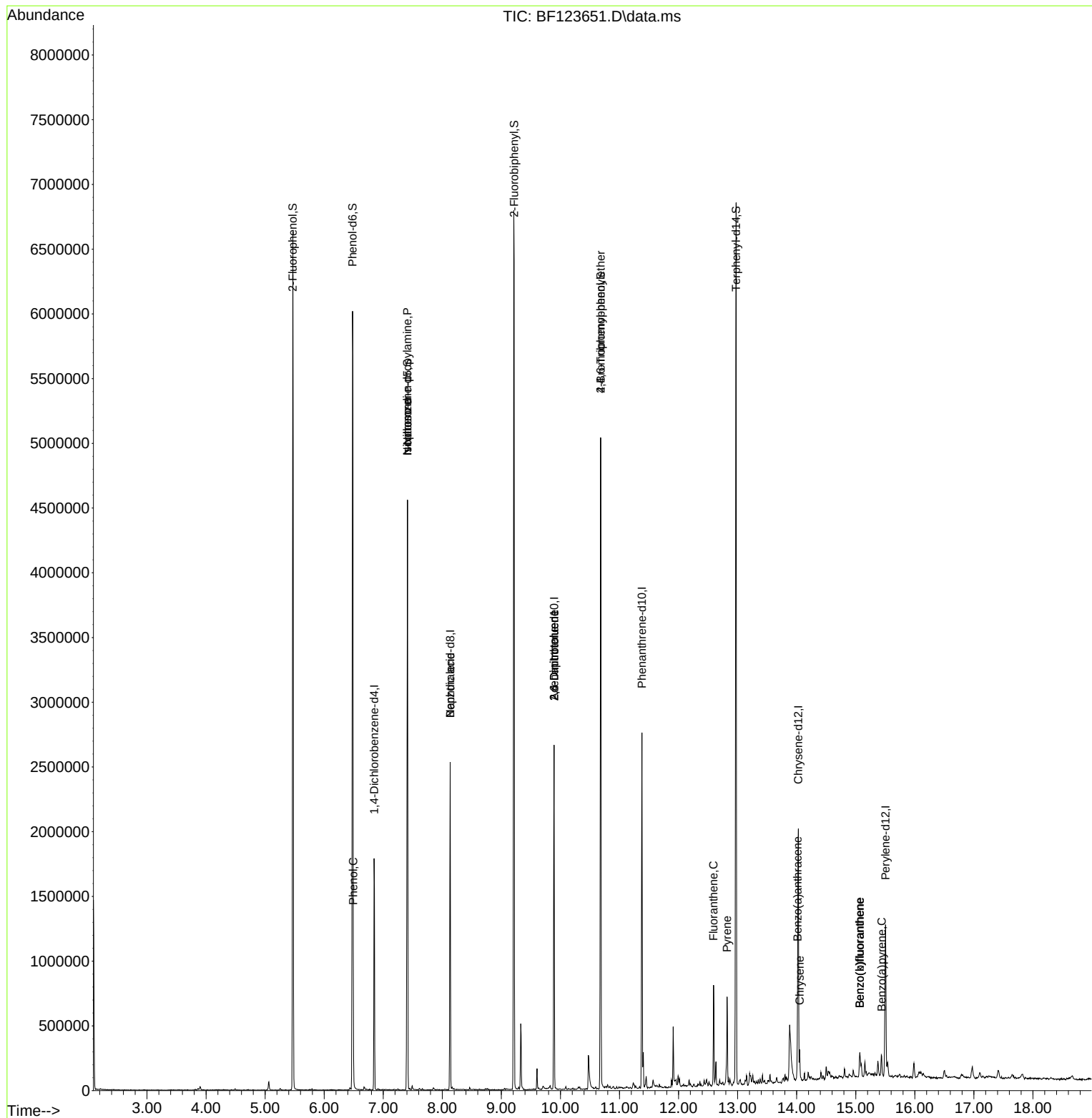
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233417	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	911804	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	455911	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	896407	20.00	ng	0.00
76) Chrysene-d12	14.027	240	601978	20.00	ng	0.00
86) Perylene-d12	15.504	264	530788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1440139	99.72	ng	0.00
7) Phenol-d6	6.481	99	1917292	95.81	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1343421	67.73	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	558753	108.23	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2088574	68.29	ng	0.00
79) Terphenyl-d14	12.974	244	2197333	70.94	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.492	94	61852	2.91	ng	90
19) n-Nitroso-di-n-propyla...	7.410	70	186538	14.07	ng	# 74
25) Isophorone	7.410	82	1341374	34.86	ng	# 69
32) Benzoic acid	8.133	122	507	4.60	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	58464	8.46	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	58464	6.33	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	33211	3.54	ng	# 1
75) Fluoranthene	12.592	202	287382	5.59	ng	99
78) Pyrene	12.821	202	254902	5.80	ng	99
81) Benzo(a)anthracene	14.015	228	112026	3.04	ng	96
83) Chrysene	14.051	228	84480	2.28	ng	98
88) Benzo(b)fluoranthene	15.068	252	135699	3.62	ng	# 96
89) Benzo(k)fluoranthene	15.068	252	135699	2.54	ng	97
90) Benzo(a)pyrene	15.439	252	79355	2.66	ng	97

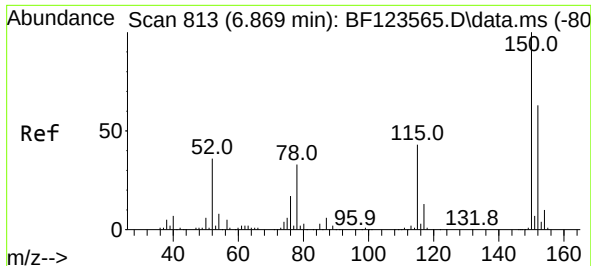
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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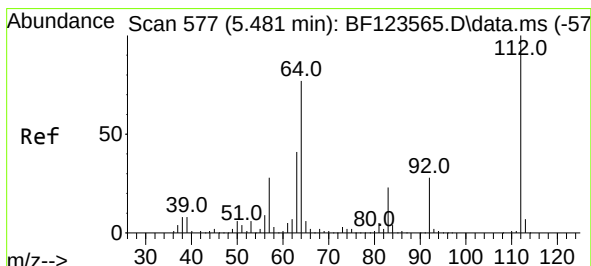
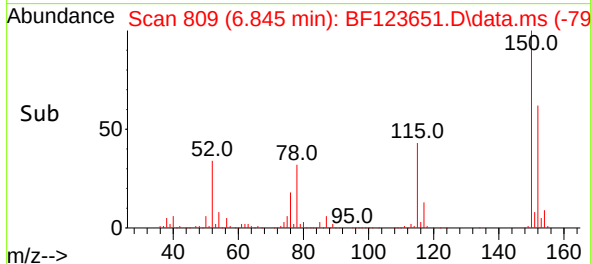
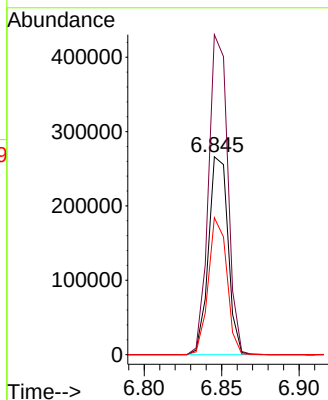
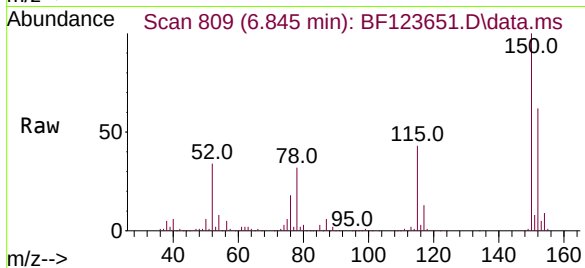




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF123651.D
 Acq: 20 Apr 2021 19:42

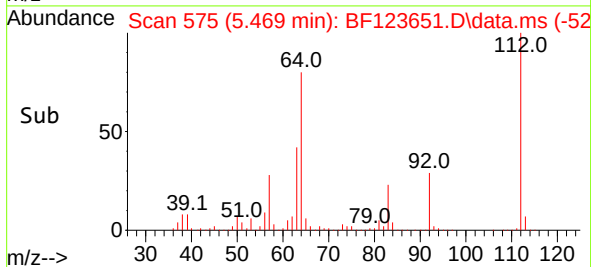
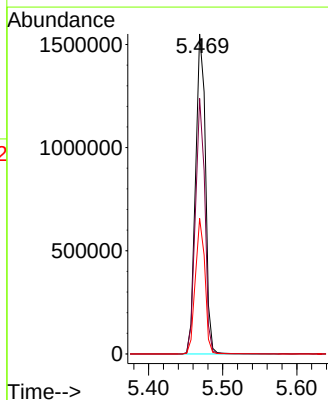
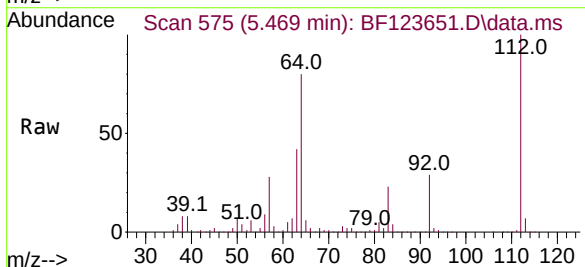
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-0-2.0

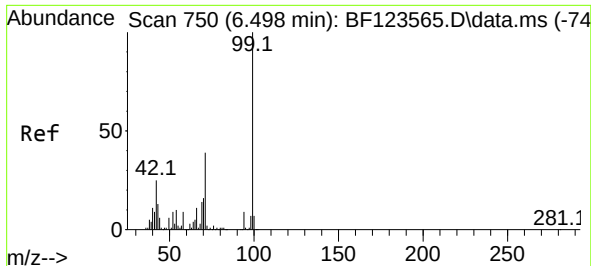
Tgt Ion:152 Resp: 233417
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.0 190.6
 115 69.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 99.72 ng
 RT: 5.469 min Scan# 575
 Delta R.T. -0.000 min
 Lab File: BF123651.D
 Acq: 20 Apr 2021 19:42

Tgt Ion:112 Resp: 1440139
 Ion Ratio Lower Upper
 112 100
 64 79.8 61.4 92.0
 63 42.3 33.0 49.4

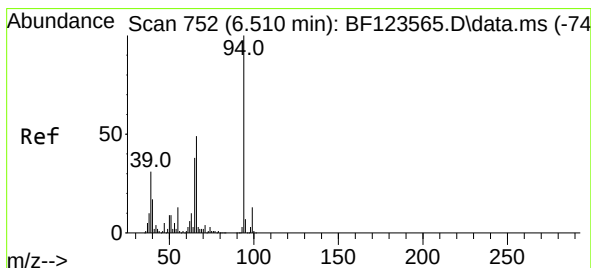
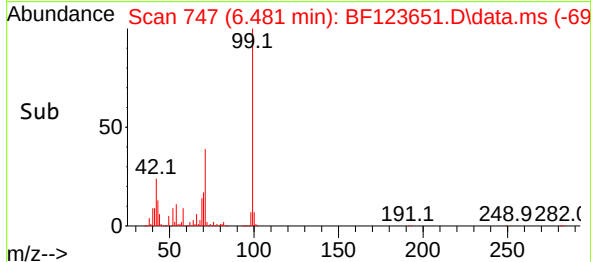
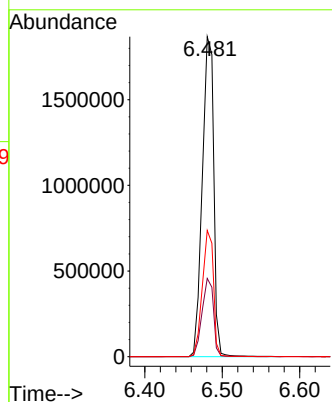
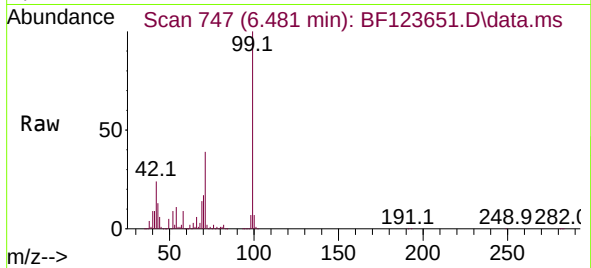




#7
Phenol-d6
Concen: 95.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

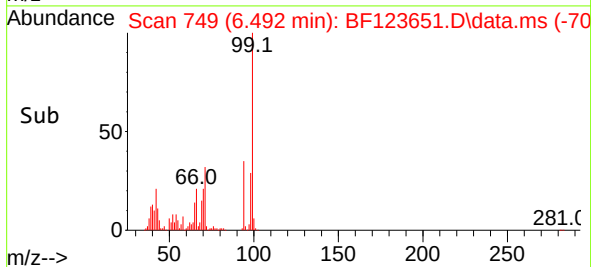
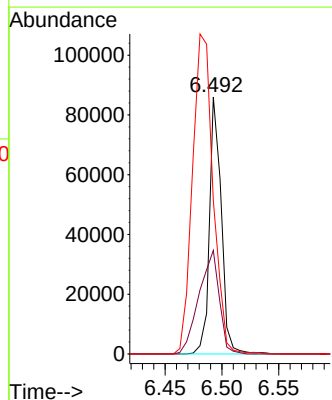
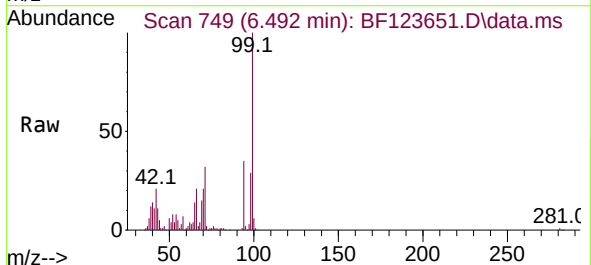
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

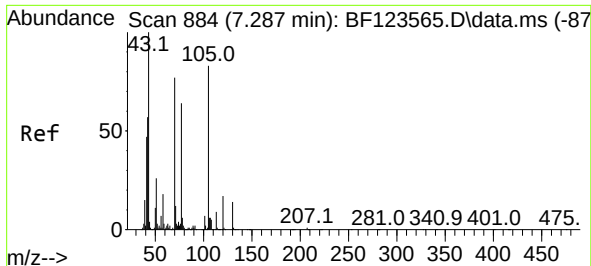
Tgt Ion: 99 Resp: 1917292
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 39.5 31.1 46.7



#10
Phenol
Concen: 2.91 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

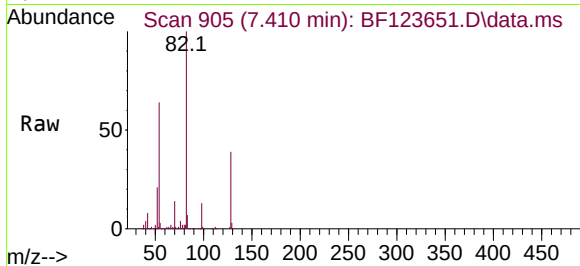
Tgt Ion: 94 Resp: 61852
Ion Ratio Lower Upper
94 100
65 40.3 18.1 58.1
66 59.7 29.0 69.0



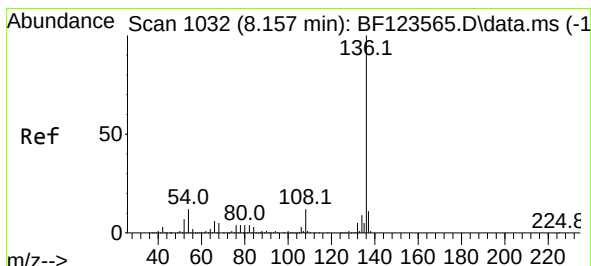
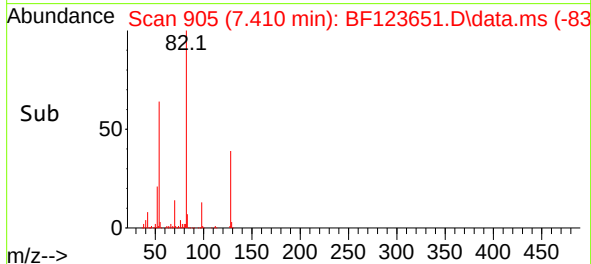
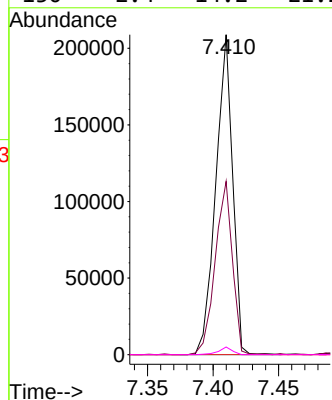


#19
n-Nitroso-di-n-propylamine
Concen: 14.07 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

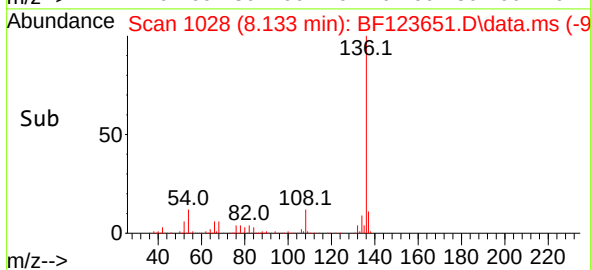
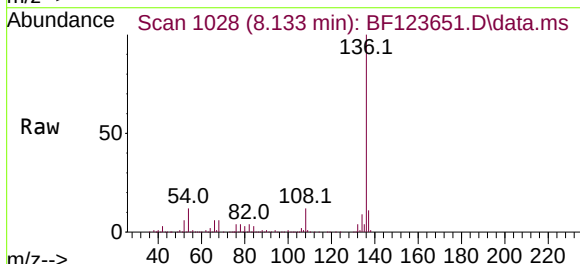
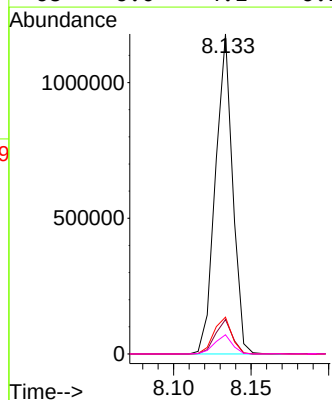


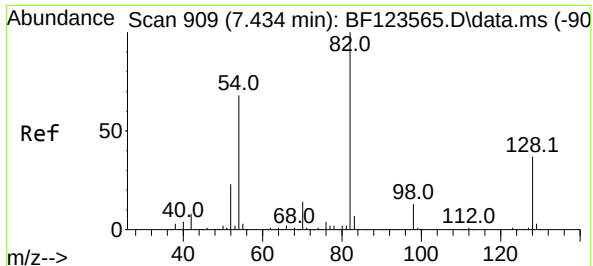
Tgt Ion: 70 Resp: 186538
Ion Ratio Lower Upper
70 100
42 54.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion: 136 Resp: 911804
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.5 9.8 14.6
68 6.0 4.1 6.1

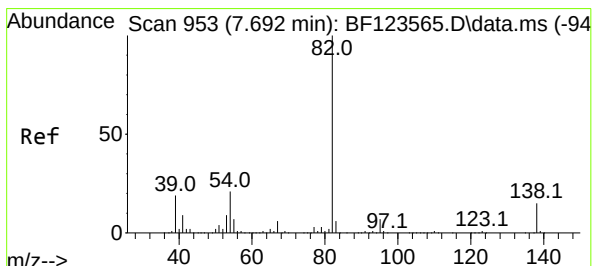
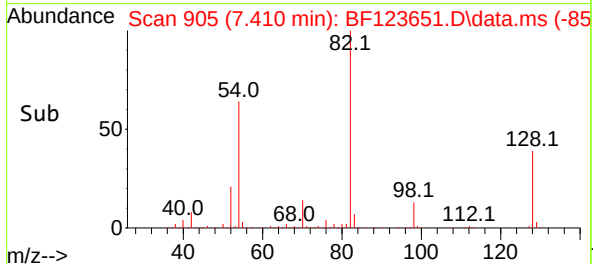
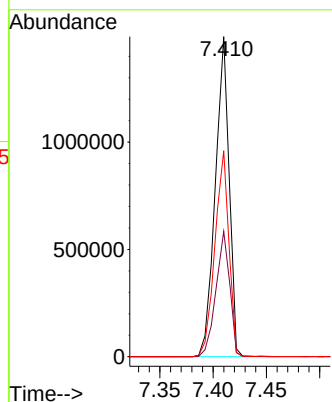
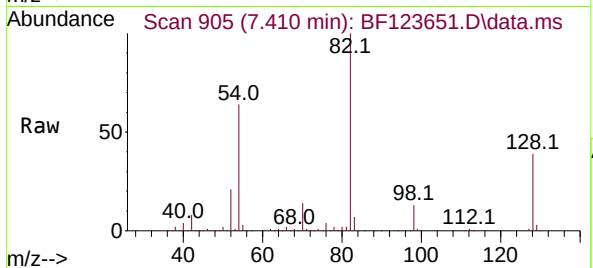




#23
Nitrobenzene-d5
Concen: 67.73 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

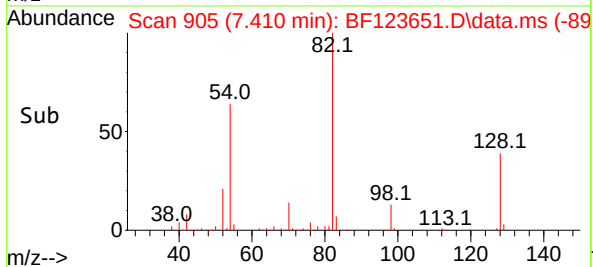
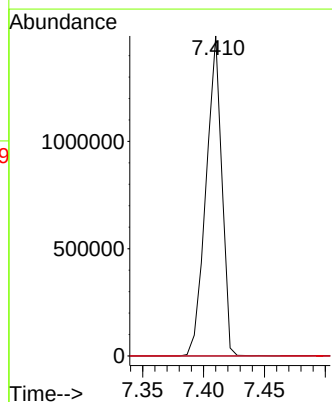
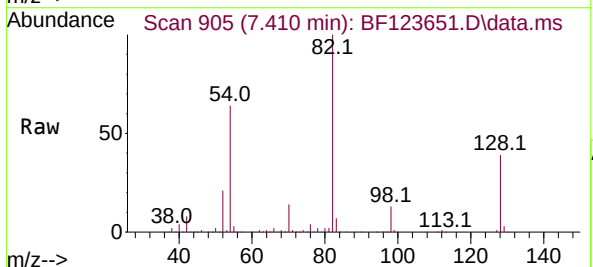
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

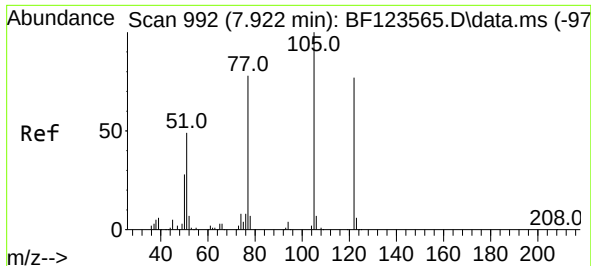
Tgt Ion: 82 Resp: 1343421
Ion Ratio Lower Upper
82 100
128 39.2 29.4 44.2
54 64.4 54.1 81.1



#25
Isophorone
Concen: 34.86 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion: 82 Resp: 1341374
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

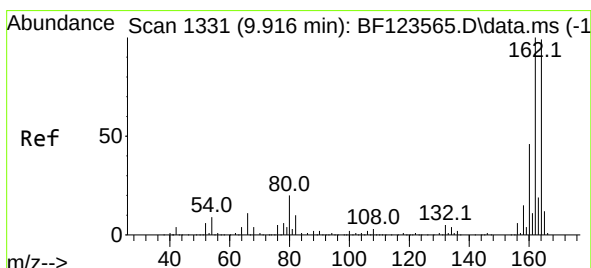
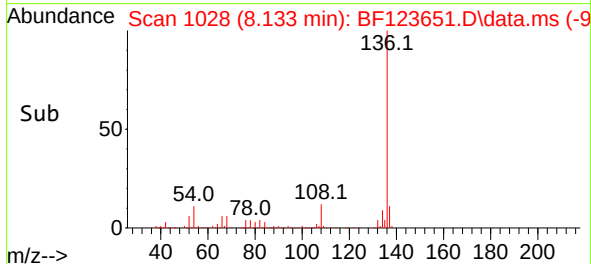
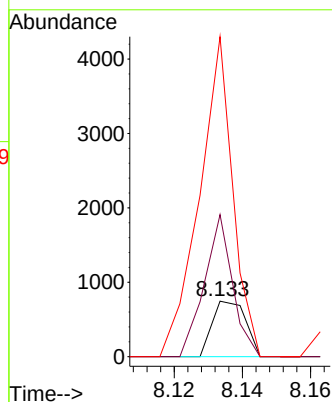
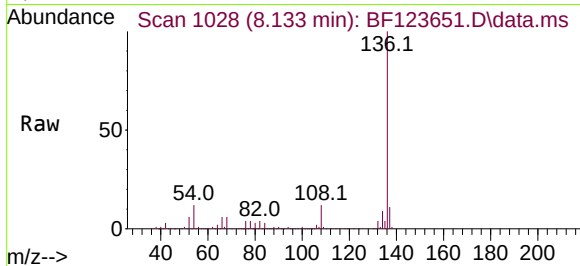




#32
Benzoic acid
Concen: 4.60 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.218 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

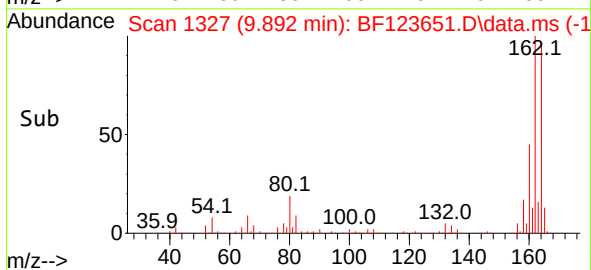
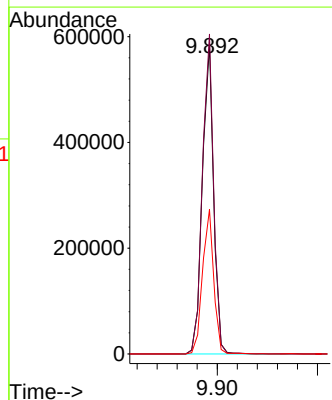
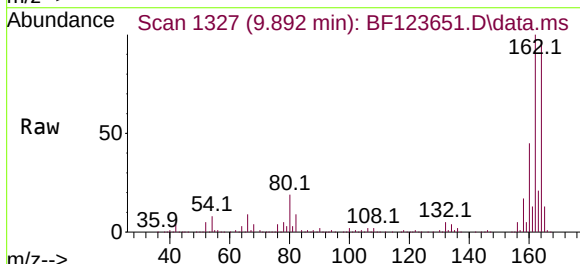
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ClientSampleId :
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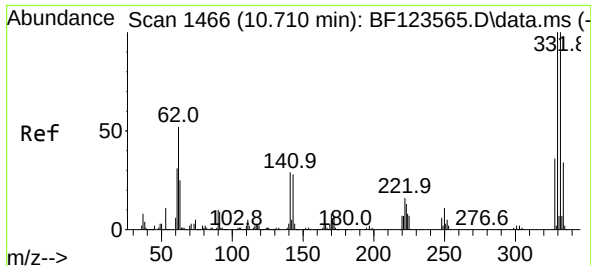
Tgt Ion:122 Resp: 507
Ion Ratio Lower Upper
122 100
105 255.9 107.8 147.8#
77 576.4 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

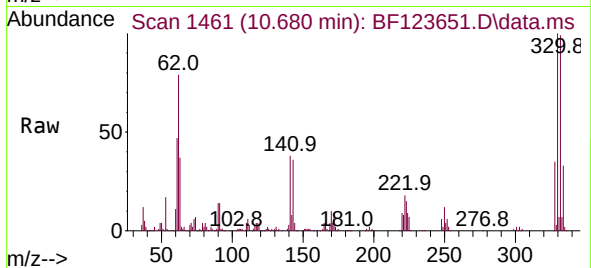
Tgt Ion:164 Resp: 455911
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 46.7 37.3 55.9



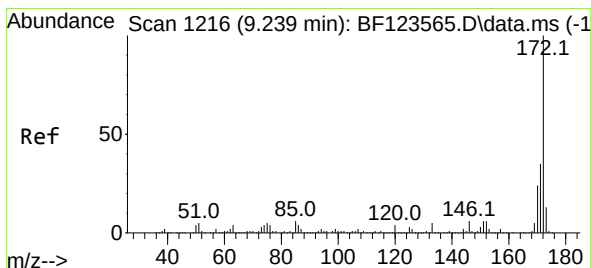
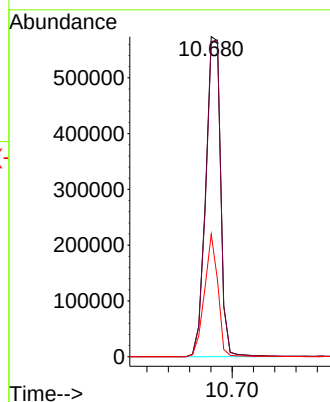
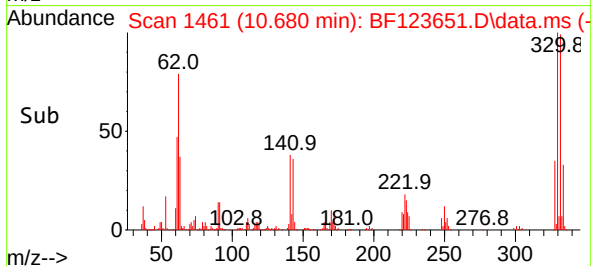


#42
2,4,6-Tribromophenol
Concen: 108.23 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

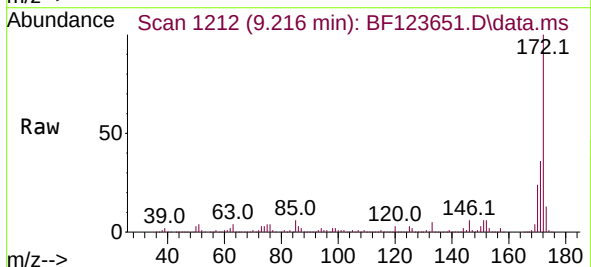
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BNA_F
ClientSampleID :
SB-13-0-2.0



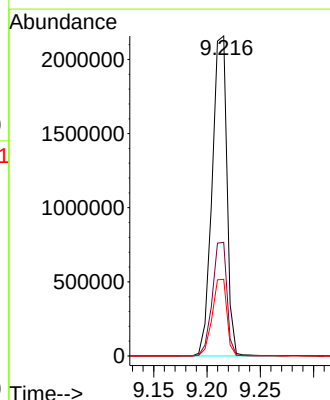
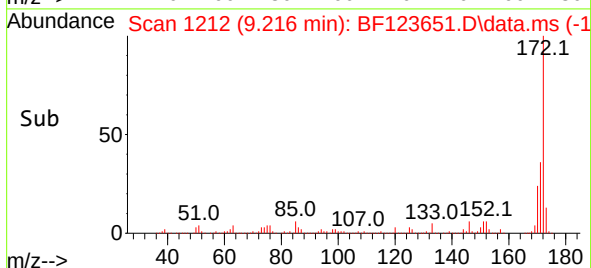
Tgt Ion: 330 Resp: 558753
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 34.3 27.9 41.9

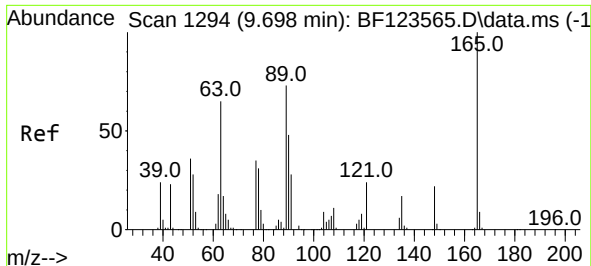


#45
2-Fluorobiphenyl
Concen: 68.29 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42



Tgt Ion: 172 Resp: 2088574
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.0 19.2 28.8

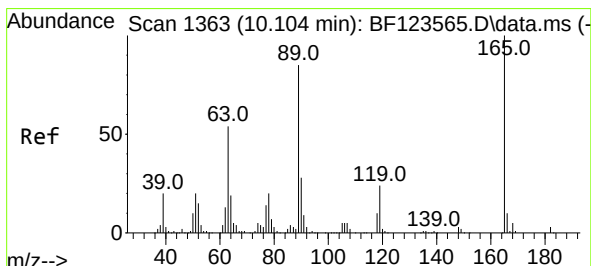
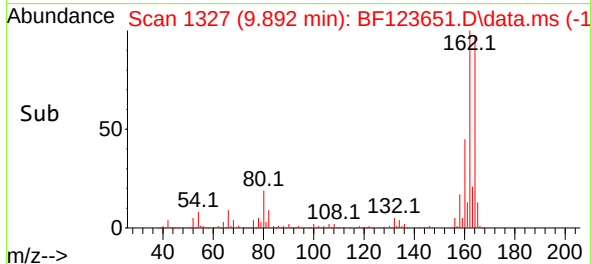
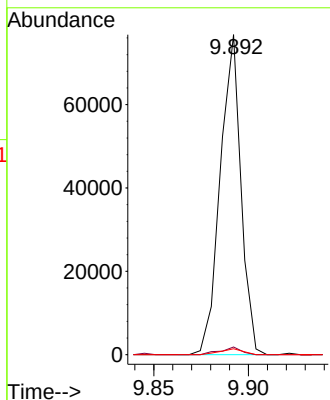
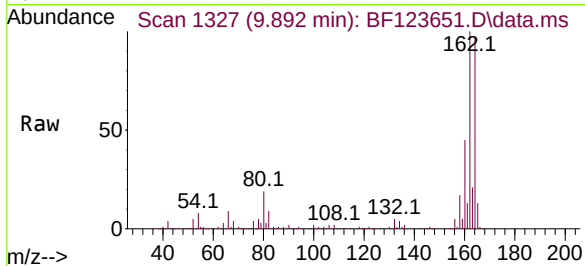




#51
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

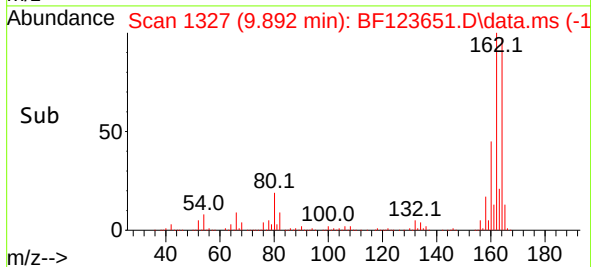
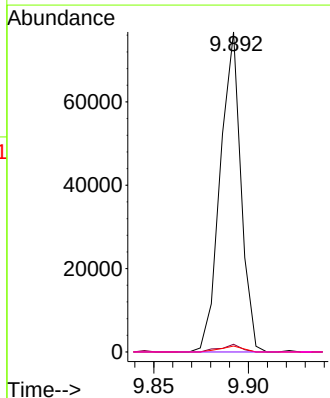
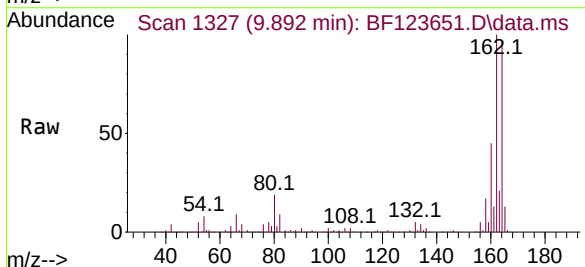
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

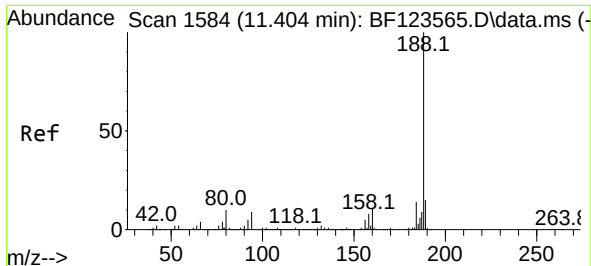
Tgt Ion:165 Resp: 58464
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 1.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:165 Resp: 58464
Ion Ratio Lower Upper
165 100
63 2.4 43.5 65.3#
89 1.9 67.7 101.5#
182 0.0 2.1 3.1#

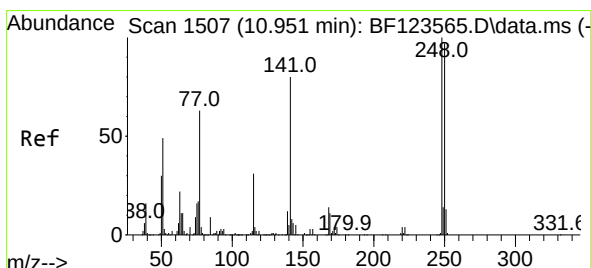
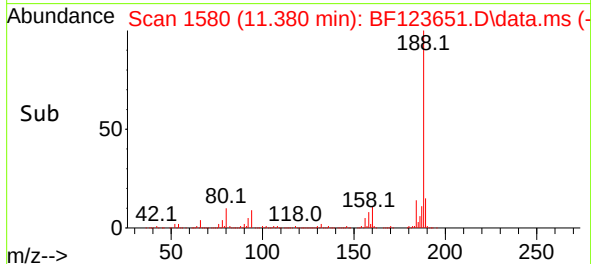
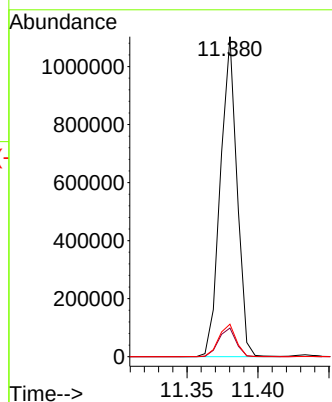
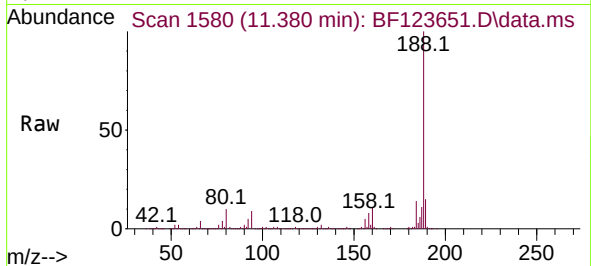




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

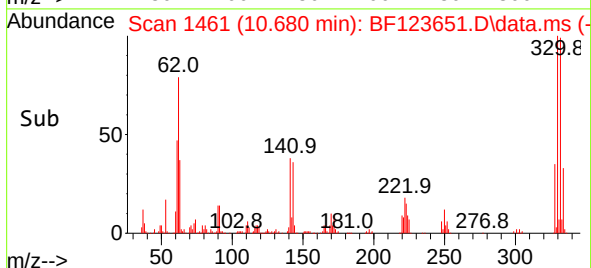
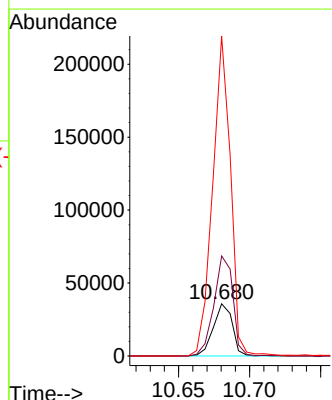
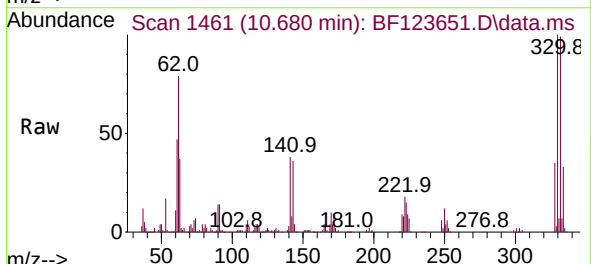
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

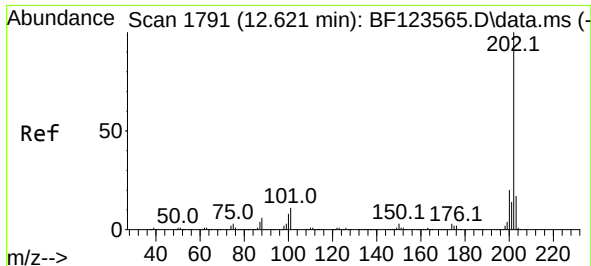
Tgt Ion:188	Resp: 896407
Ion Ratio	Lower Upper
188 100	
94 8.9	6.9 10.3
80 10.2	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:248	Resp: 33211
Ion Ratio	Lower Upper
248 100	
250 191.5	77.4 116.2#
141 613.1	63.7 95.5#

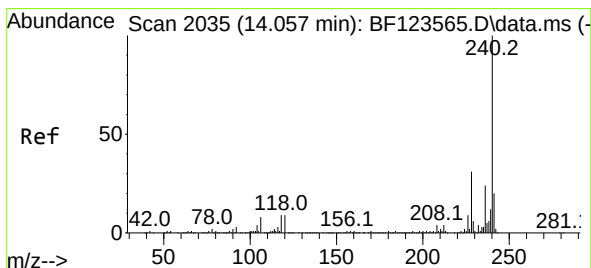
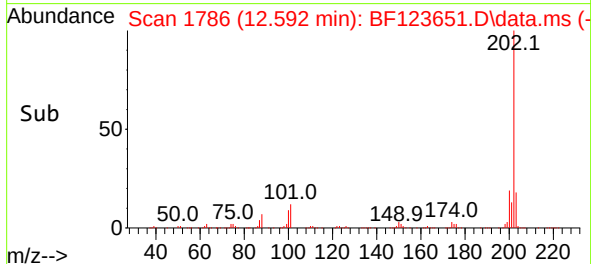
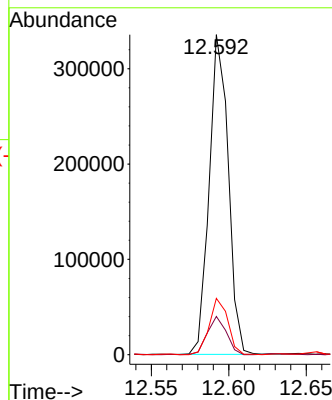
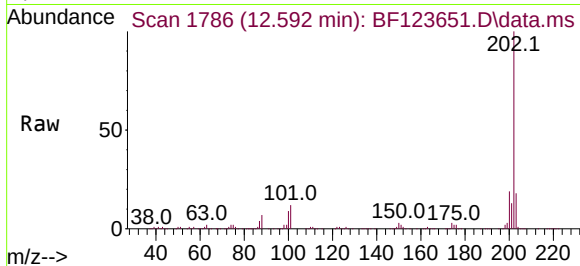




#75
Fluoranthene
Concen: 5.59 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

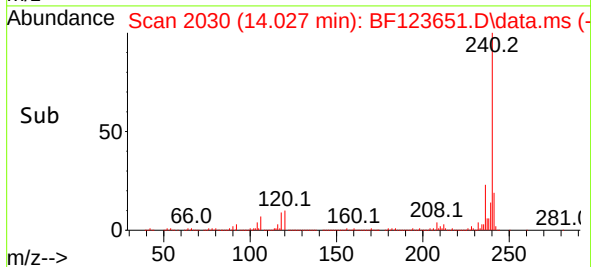
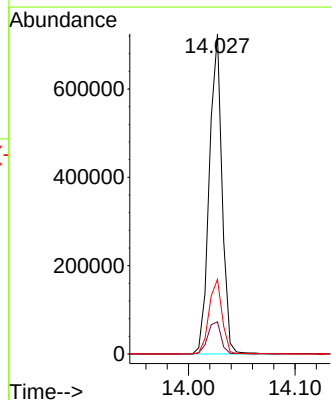
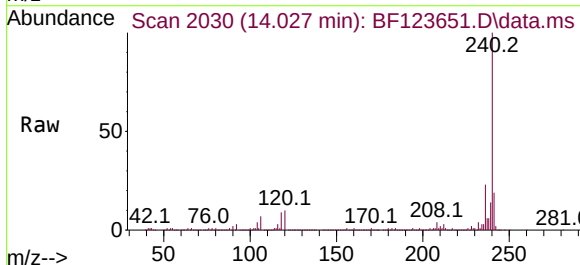
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

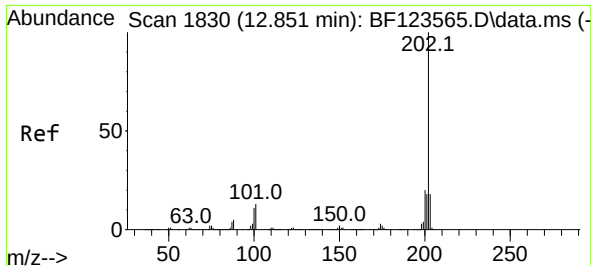
Tgt Ion:	202	Resp:	287382
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.9
203	17.6	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	240	Resp:	601978
Ion Ratio	Lower	Upper	
240	100		
120	10.1	7.2	10.8
236	23.3	19.0	28.4

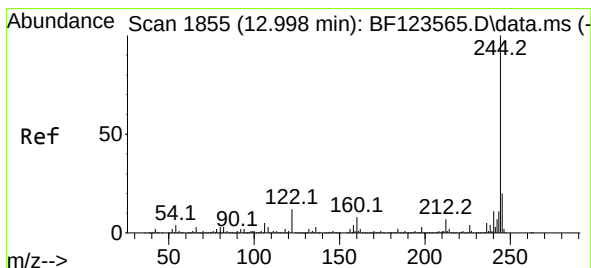
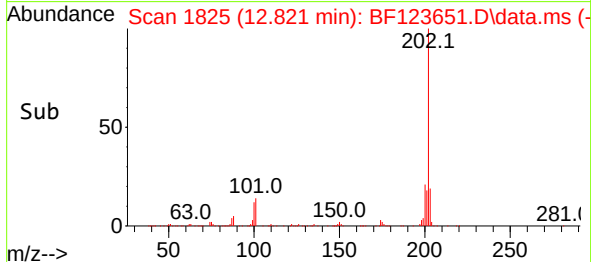
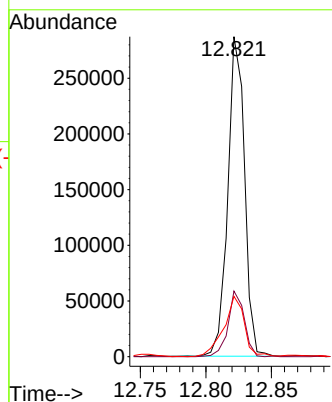
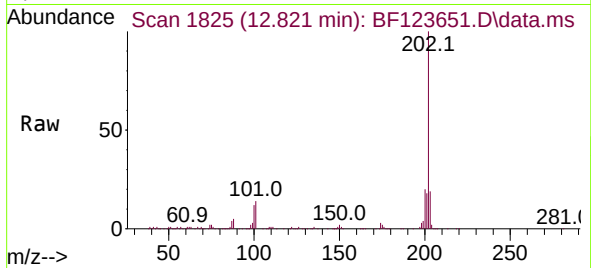




#78
Pyrene
Concen: 5.80 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

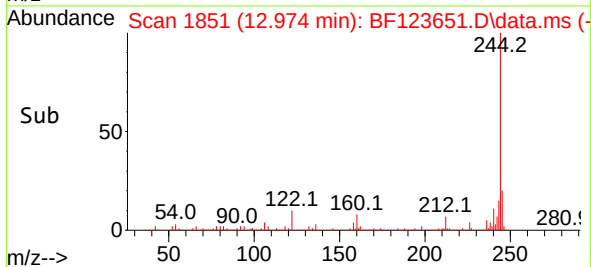
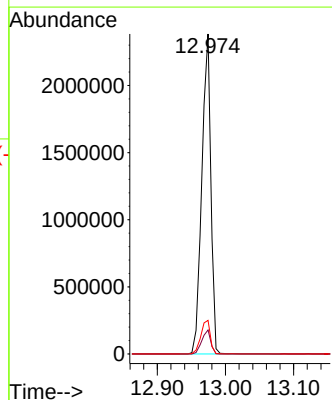
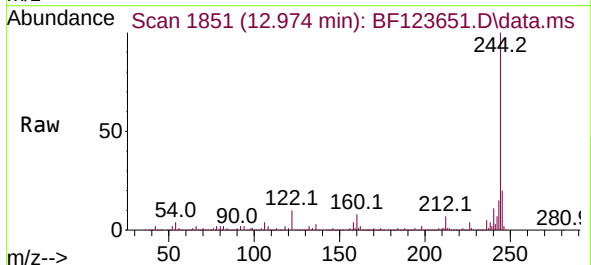
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

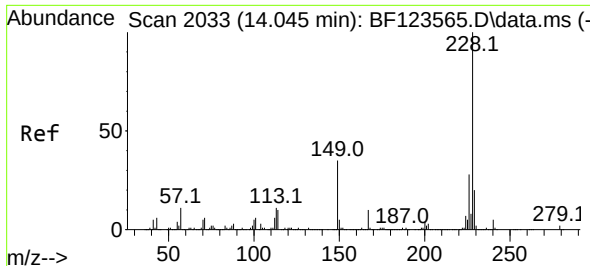
Tgt Ion:	202	Resp:	254902
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.1	24.1
203	18.9	14.8	22.2



#79
Terphenyl-d14
Concen: 70.94 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	244	Resp:	2197333
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	10.5	9.7	14.5

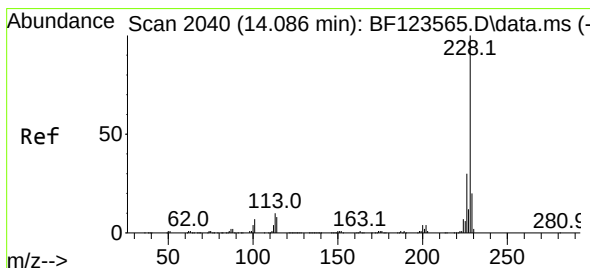
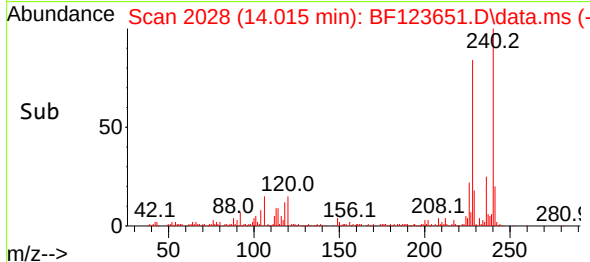
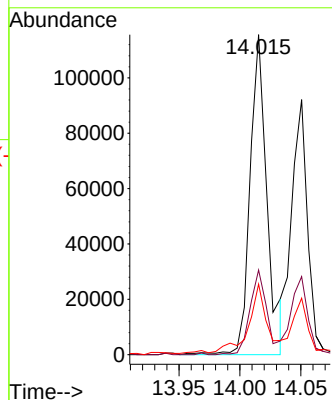
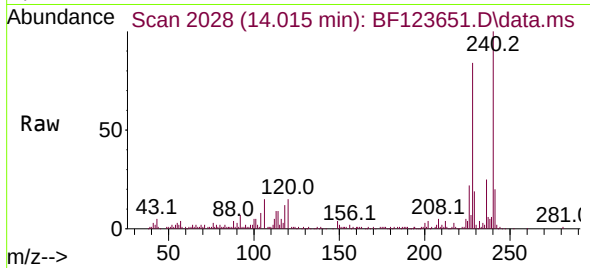




#81
Benzo(a)anthracene
Concen: 3.04 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

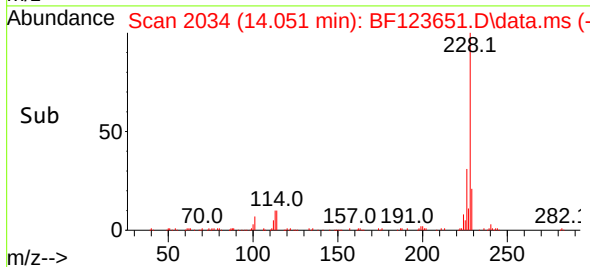
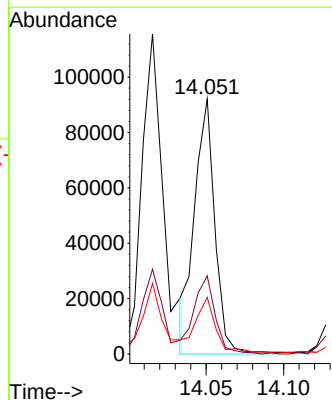
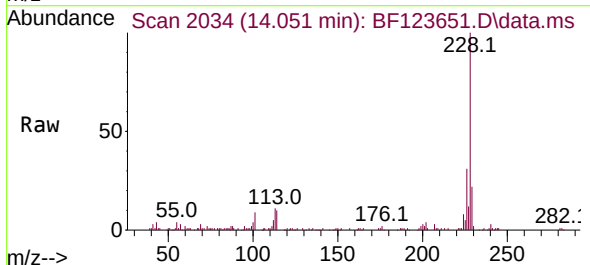
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

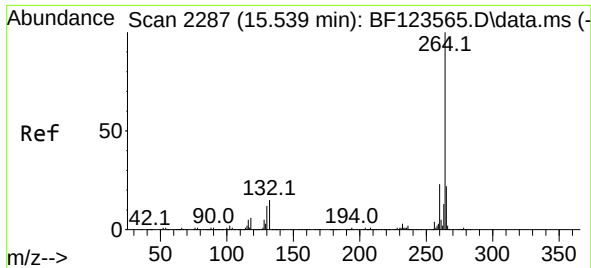
Tgt Ion:228 Resp: 112026
Ion Ratio Lower Upper
228 100
226 26.4 22.4 33.6
229 22.0 16.0 24.0



#83
Chrysene
Concen: 2.28 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:228 Resp: 84480
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.2 16.2 24.2

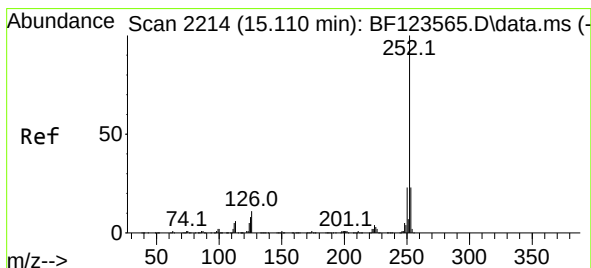
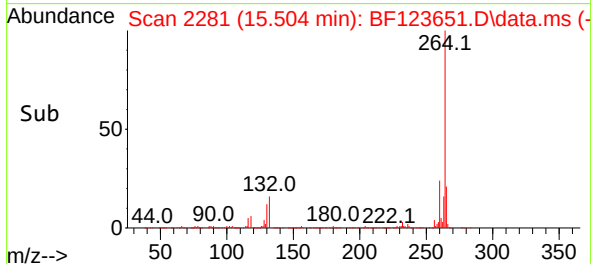
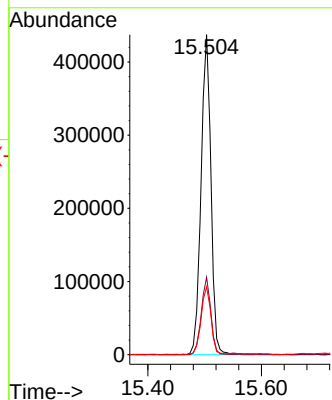
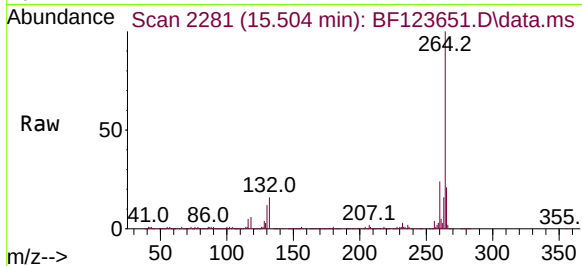




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

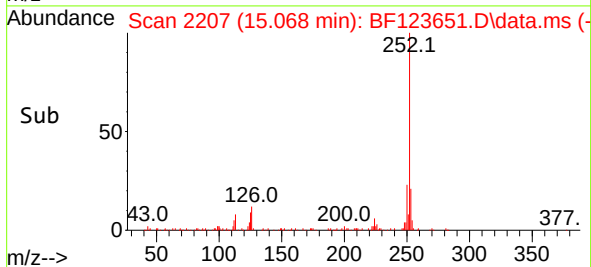
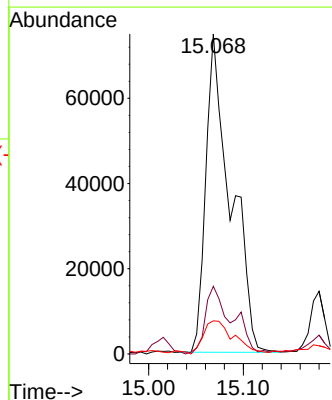
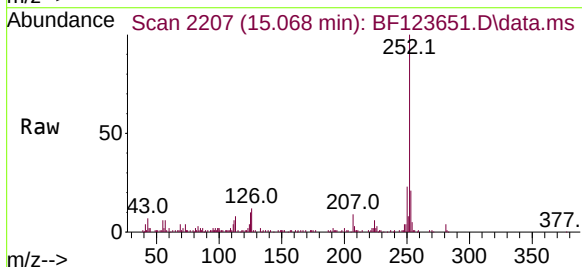
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

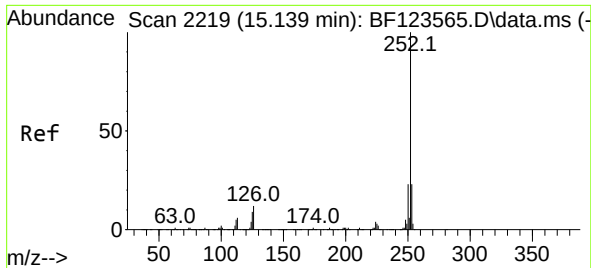
Tgt Ion:264	Resp: 530788
Ion Ratio	Lower Upper
264	100
260	24.2 18.7 28.1
265	21.2 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 3.62 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:252	Resp: 135699
Ion Ratio	Lower Upper
252	100
253	21.2 18.1 27.1
125	10.3 6.2 9.4#

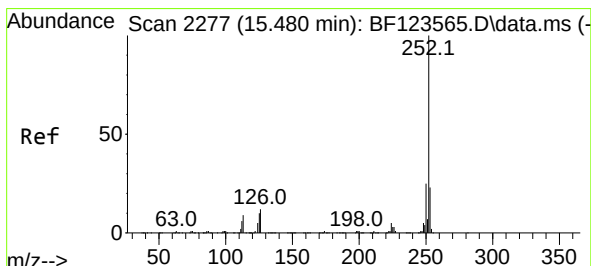
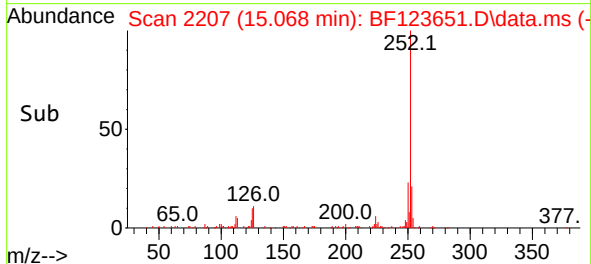
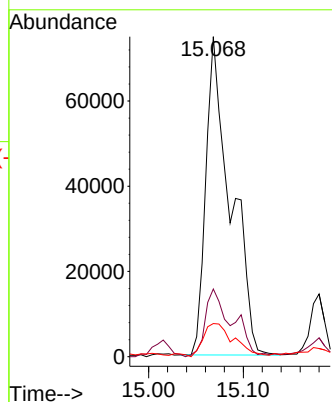
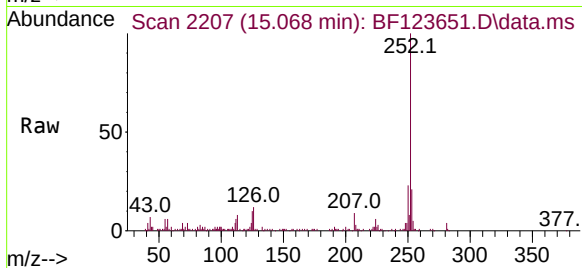




#89
Benzo(k)fluoranthene
Concen: 2.54 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.041 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

Tgt Ion:252	Resp:	135699
Ion Ratio	Lower	Upper
252	100	
253	21.2	17.9 26.9
125	10.3	7.0 10.6



#90
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:252	Resp:	79355
Ion Ratio	Lower	Upper
252	100	
253	24.6	18.4 27.6
125	9.6	8.0 12.0

