

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123653.D
 Acq On : 20 Apr 2021 20:49
 Operator : JU/CG
 Sample : M2076-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-0-2.0

Quant Time: Apr 21 01:22:06 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

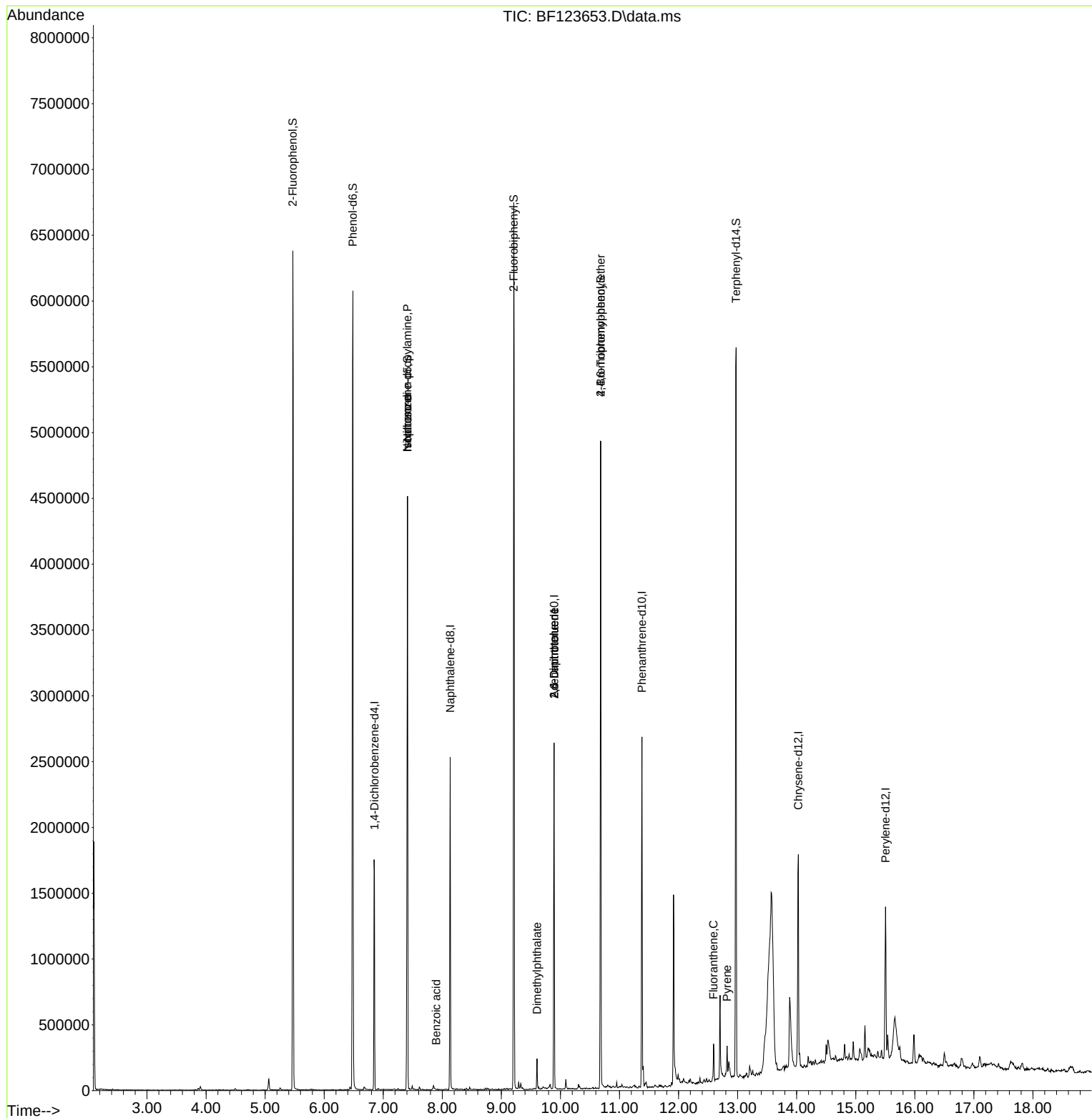
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	236840	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	909607	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	447825	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	866296	20.00	ng	0.00
76) Chrysene-d12	14.027	240	544286	20.00	ng	0.00
86) Perylene-d12	15.504	264	511531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1413731	96.48	ng	0.00
7) Phenol-d6	6.486	99	1818547	89.56	ng	0.00
23) Nitrobenzene-d5	7.410	82	1277739	64.58	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	516039	101.76	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1928498	64.20	ng	0.00
79) Terphenyl-d14	12.974	244	1857963	66.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	177107	13.17	ng	Qvalue
25) Isophorone	7.410	82	1275441	33.23	ng	# 74
32) Benzoic acid	7.898	122	109	4.56	ng	# 69
50) Dimethylphthalate	9.604	163	70274	2.27	ng	# 15
51) 2,6-Dinitrotoluene	9.892	165	60213	8.87	ng	# 97
57) 2,4-Dinitrotoluene	9.892	165	60213	6.64	ng	# 11
67) 4-Bromophenyl-phenylether	10.680	248	28671	3.17	ng	# 17
75) Fluoranthene	12.592	202	104279	2.10	ng	# 1
78) Pyrene	12.821	202	88774	2.23	ng	99
						97

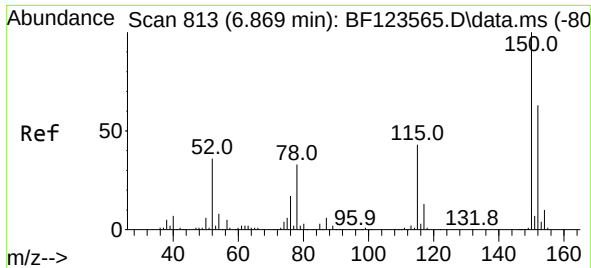
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
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Misc :
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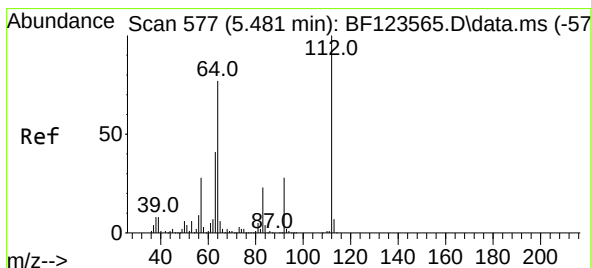
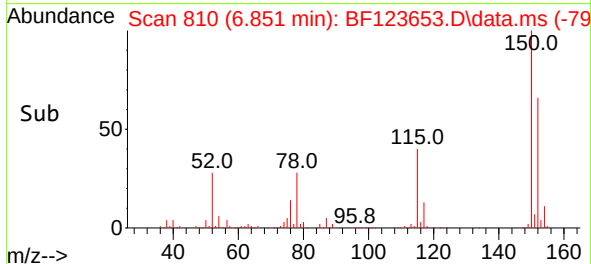
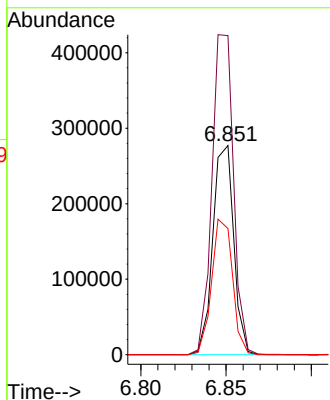
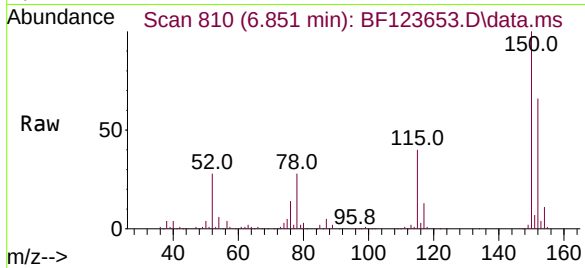




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

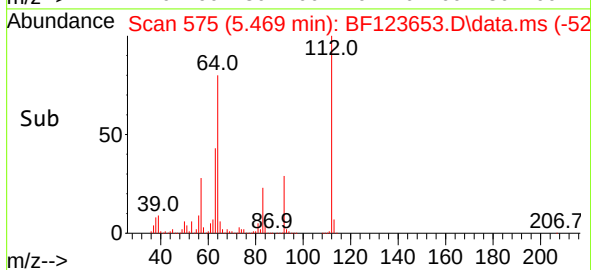
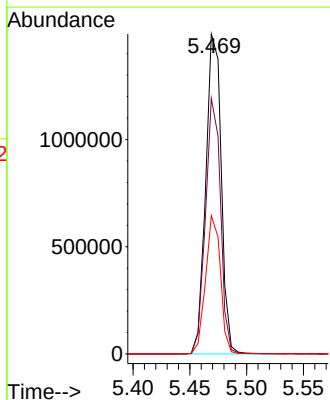
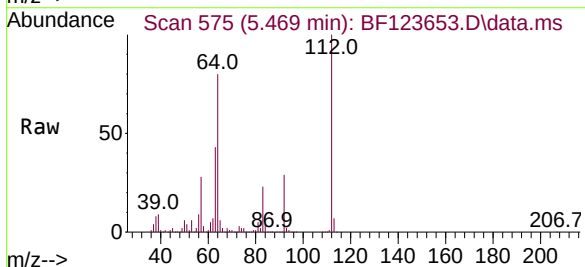
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

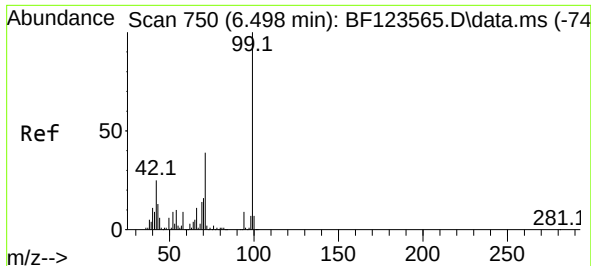
Tgt Ion:152 Resp: 236840
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 60.3 54.3 81.5



#5
2-Fluorophenol
Concen: 96.48 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:112 Resp: 1413731
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 43.2 33.0 49.4

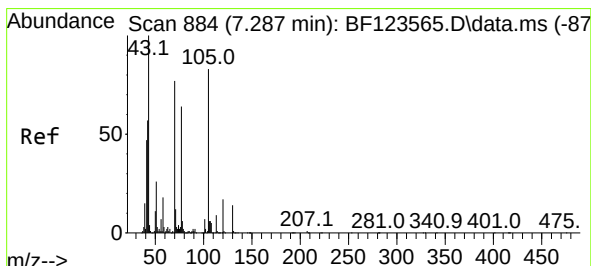
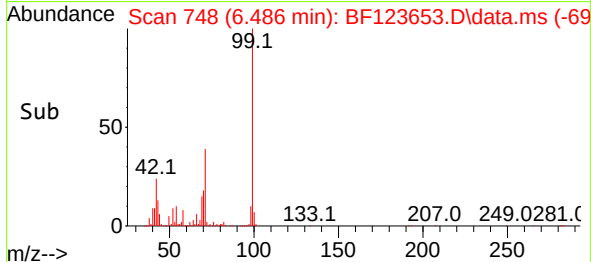
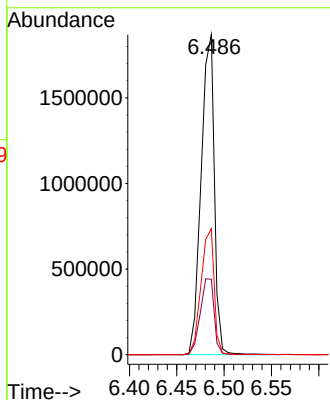
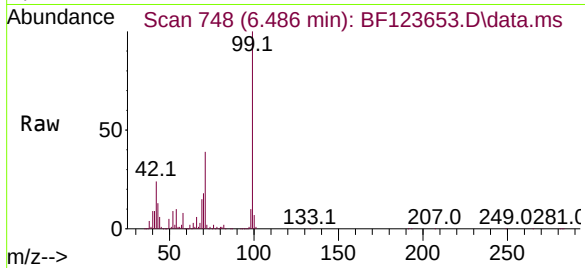




#7
Phenol-d6
Concen: 89.56 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

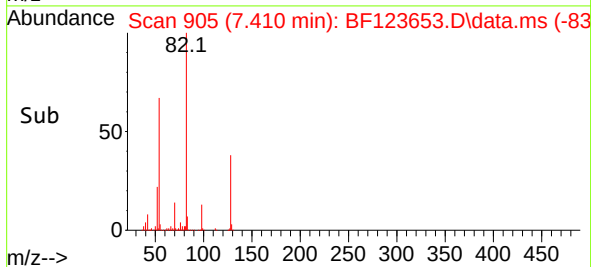
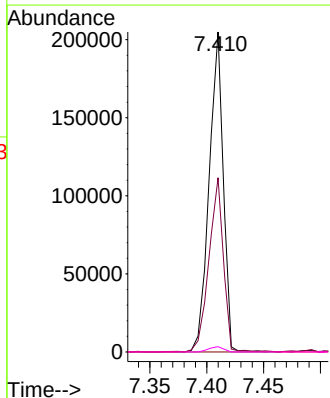
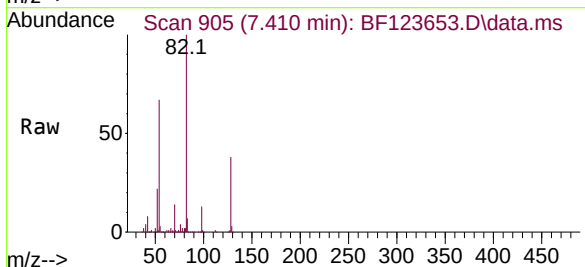
Instrument :
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ClientSampleId :
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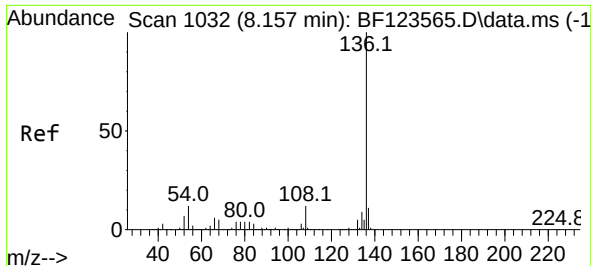
Tgt Ion: 99 Resp: 1818547
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 39.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion: 70 Resp: 177107
Ion Ratio Lower Upper
70 100
42 54.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

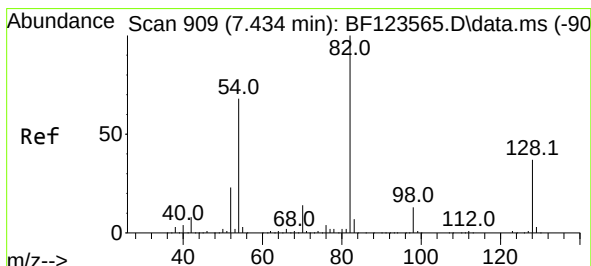
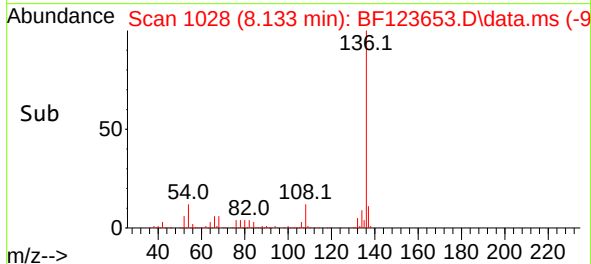
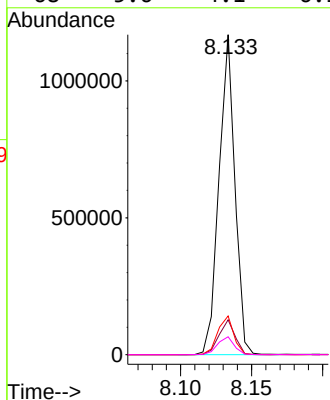
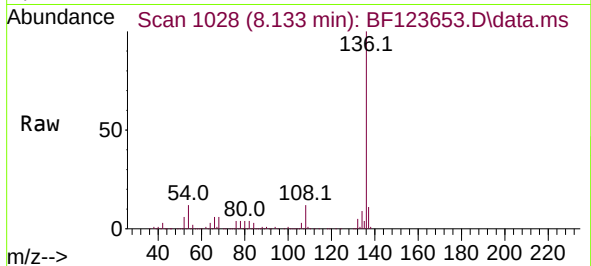




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

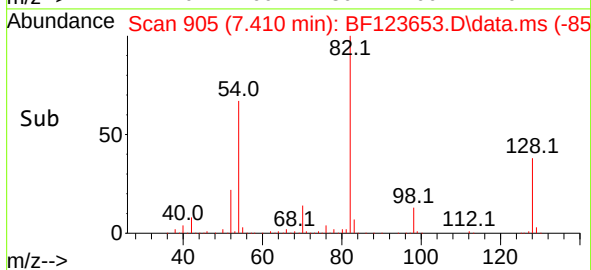
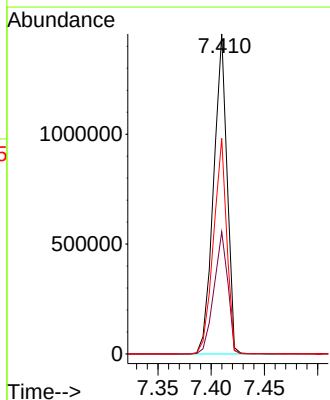
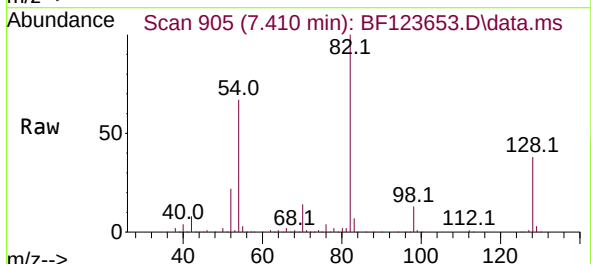
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

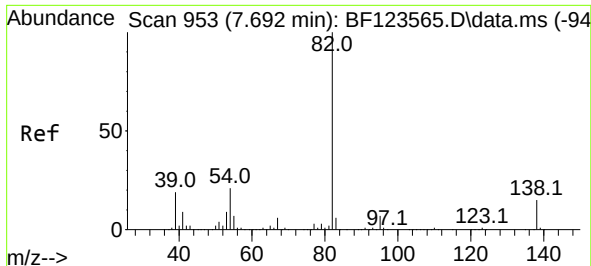
Tgt Ion:	136	Resp:	909607
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	12.1	9.8	14.6
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.58 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:	82	Resp:	1277739
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.4	44.2
54	67.4	54.1	81.1

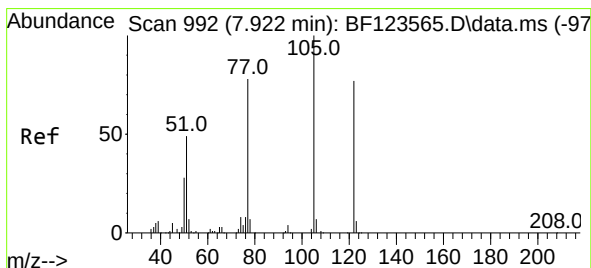
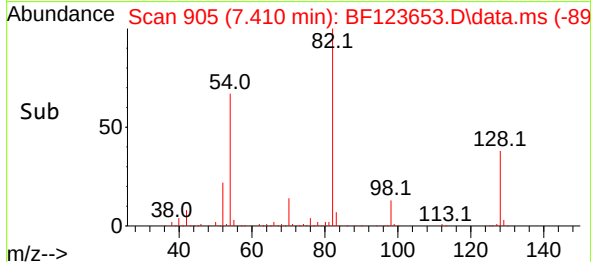
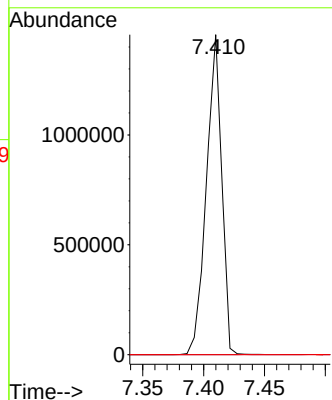
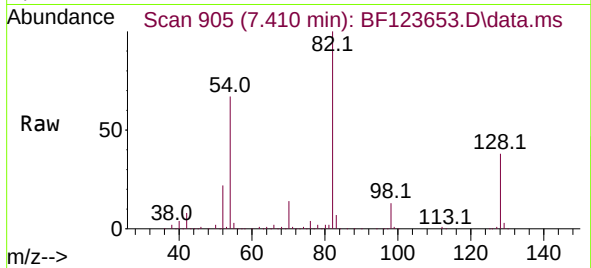




#25
Isophorone
Concen: 33.23 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

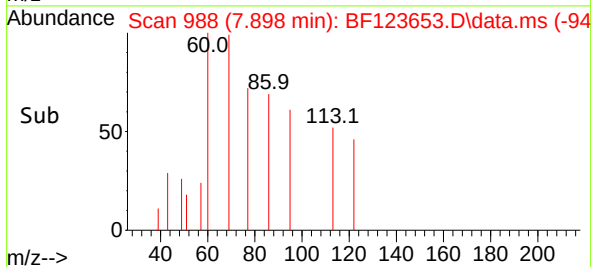
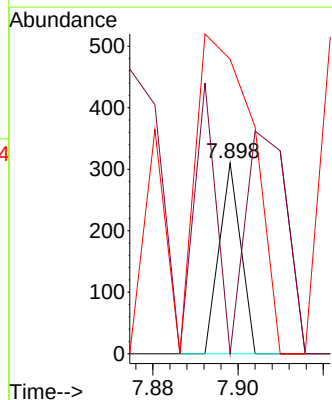
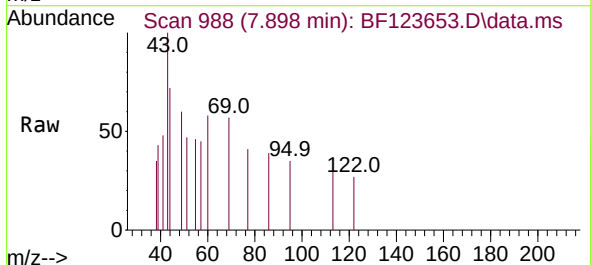
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ClientSampleId :
SB-16-0-2.0

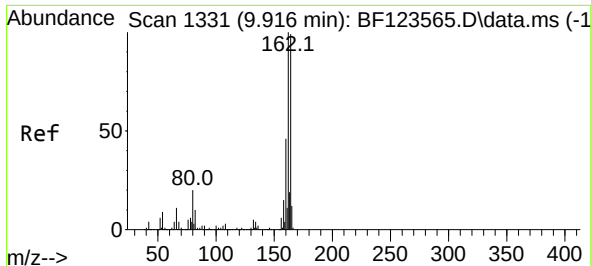
Tgt Ion: 82 Resp: 1275441
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 154.5 81.6 121.6#

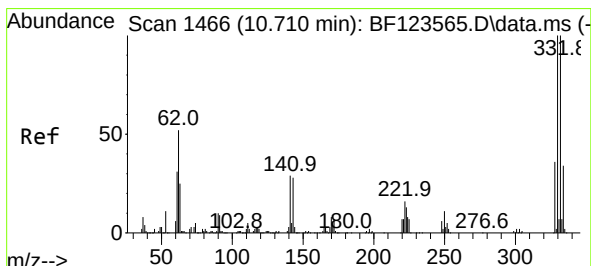
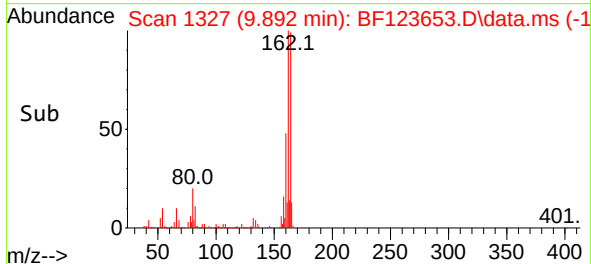
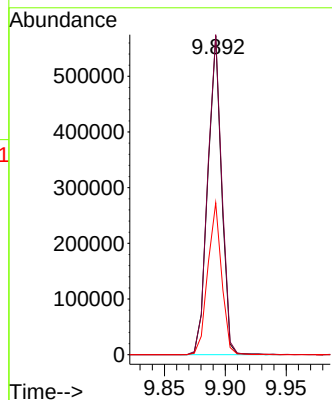
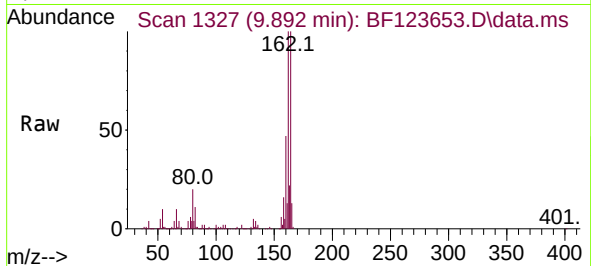




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

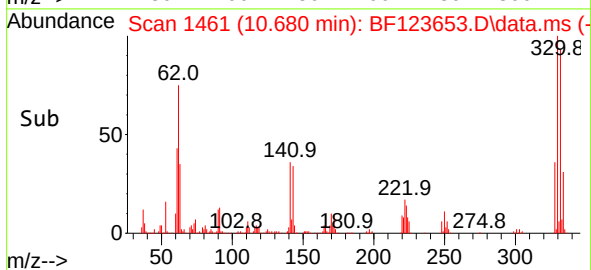
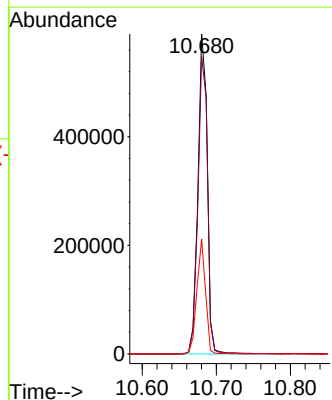
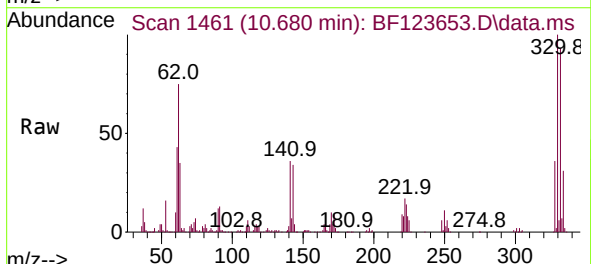
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ClientSampleId :
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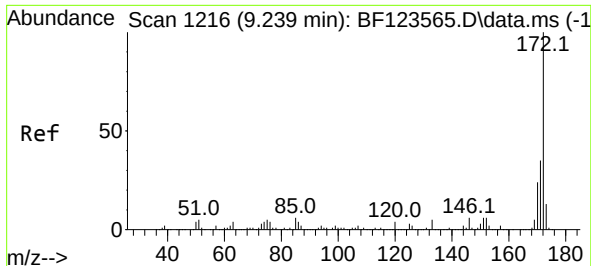
Tgt Ion:164 Resp: 447825
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 47.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 101.76 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:330 Resp: 516039
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.3 27.9 41.9

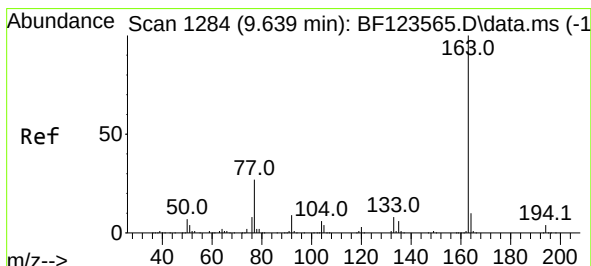
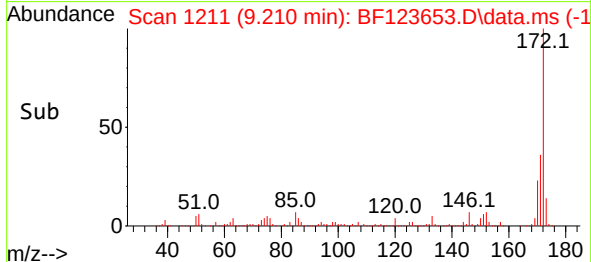
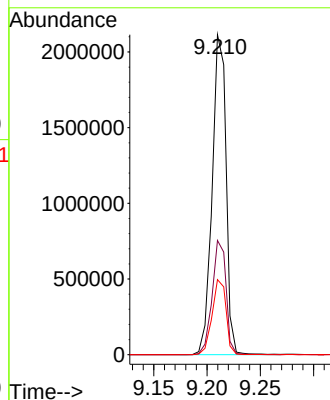
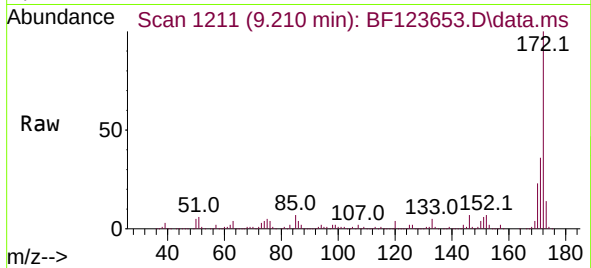




#45
2-Fluorobiphenyl
Concen: 64.20 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

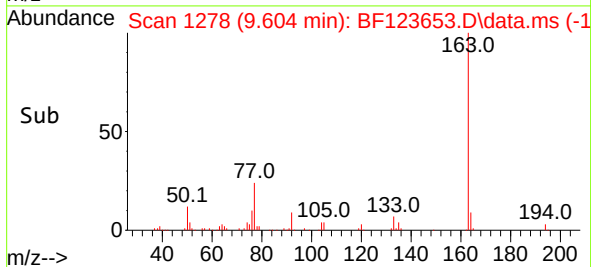
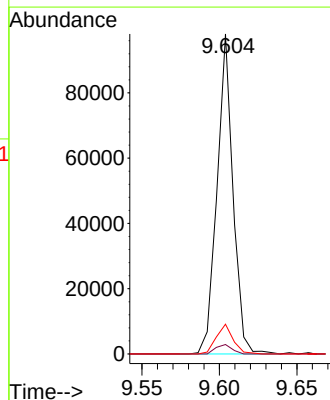
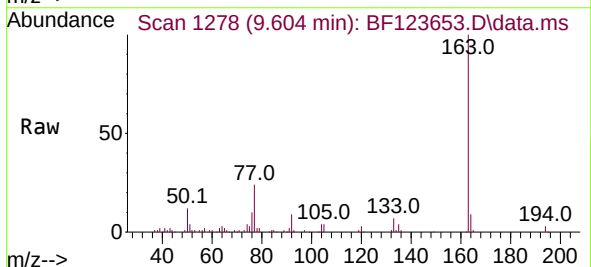
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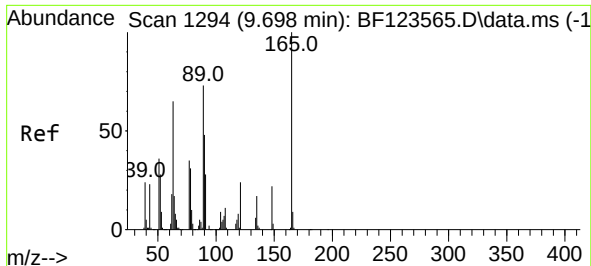
Tgt Ion:172 Resp: 1928498
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 19.2 28.8



#50
Dimethylphthalate
Concen: 2.27 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:163 Resp: 70274
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 9.3 8.2 12.2

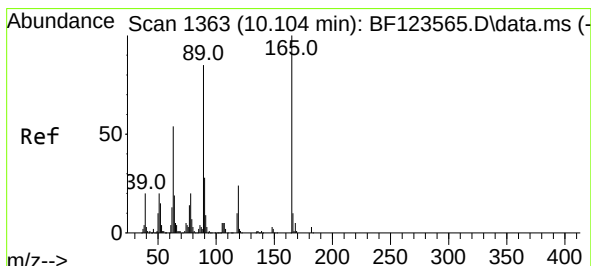
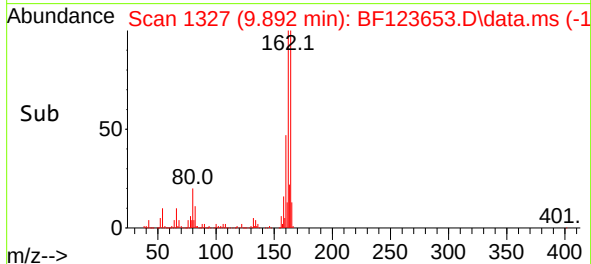
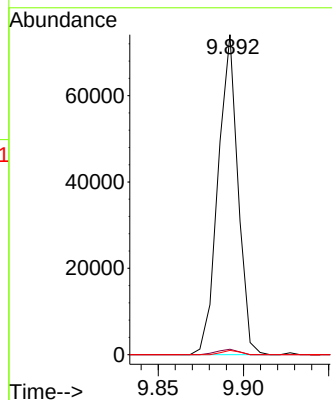
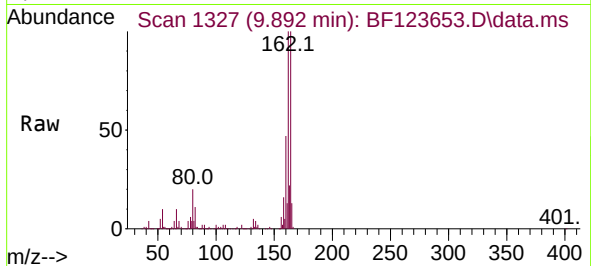




#51
2,6-Dinitrotoluene
Concen: 8.87 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

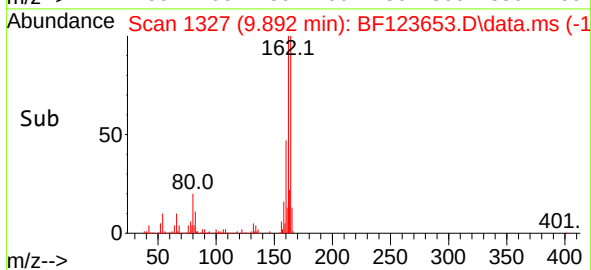
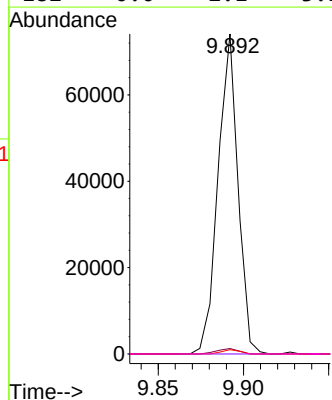
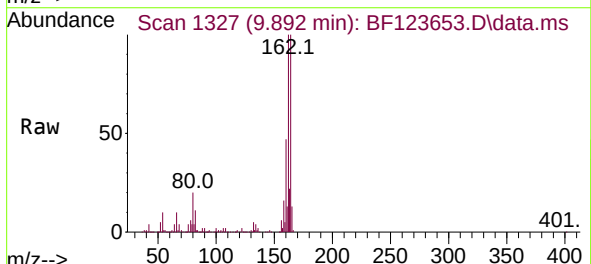
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

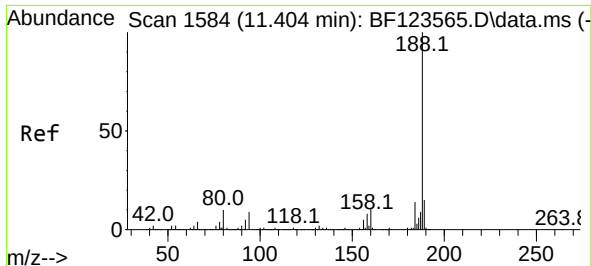
Tgt Ion:165 Resp: 60213
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 1.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:165 Resp: 60213
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

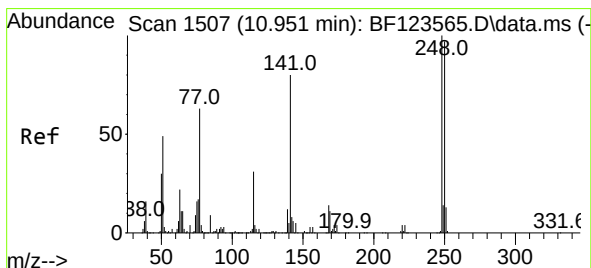
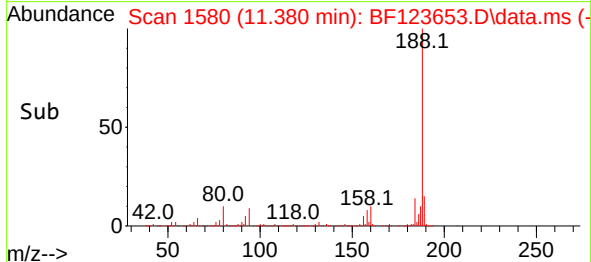
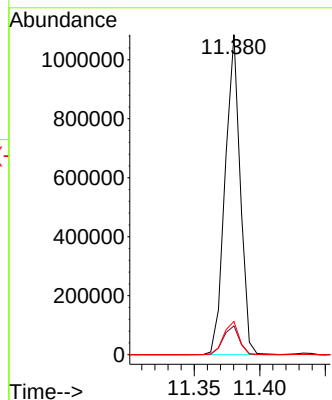
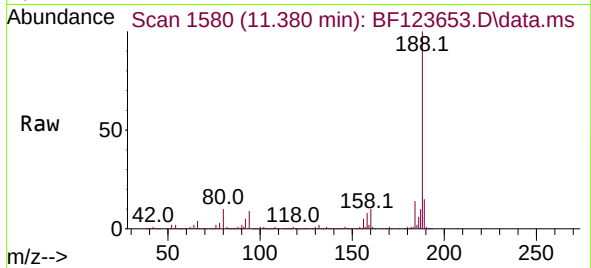




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

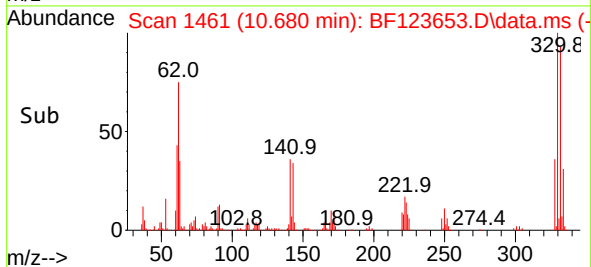
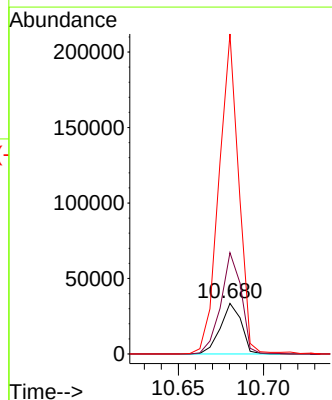
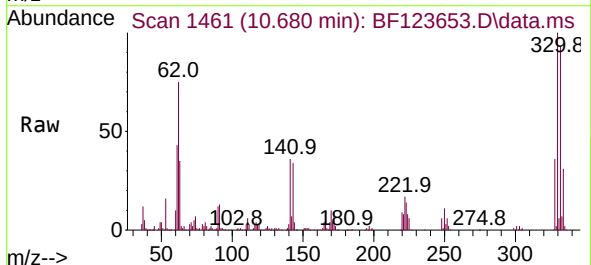
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

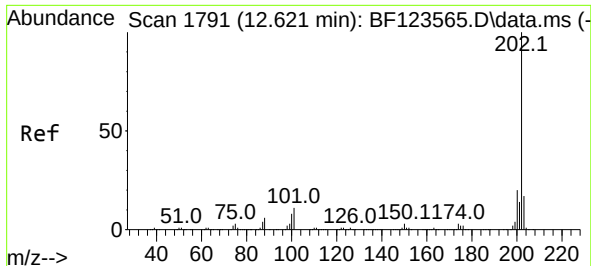
Tgt Ion:188	Resp:	866296
Ion Ratio	Lower	Upper
188	100	
94	9.0	6.9 10.3
80	10.4	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:248	Resp:	28671
Ion Ratio	Lower	Upper
248	100	
250	200.0	77.4 116.2#
141	632.2	63.7 95.5#

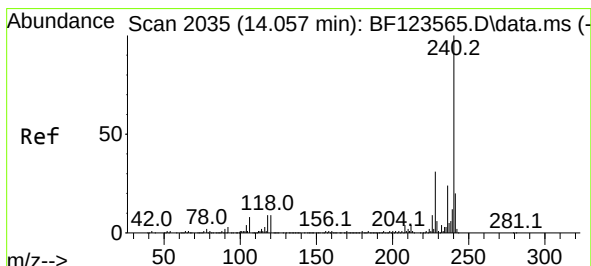
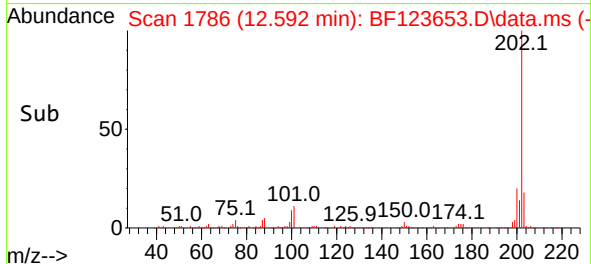
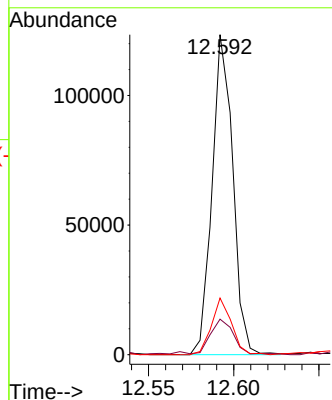
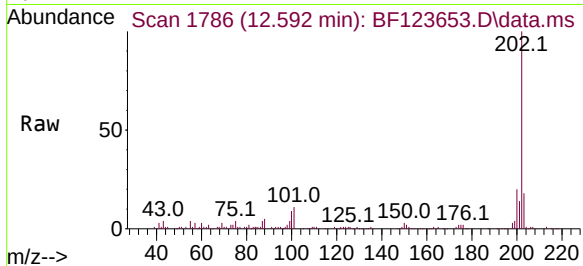




#75
Fluoranthene
Concen: 2.10 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

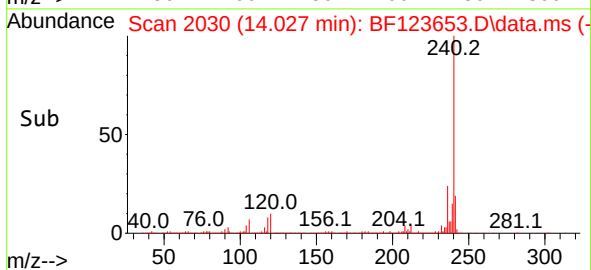
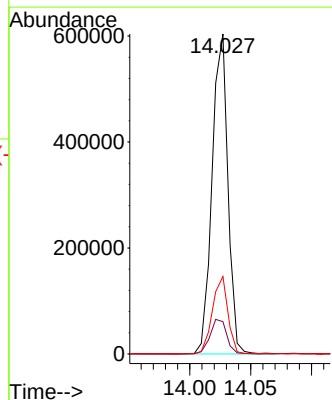
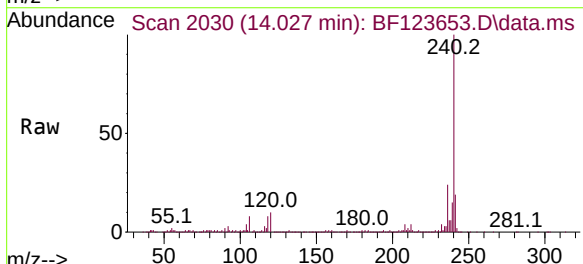
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

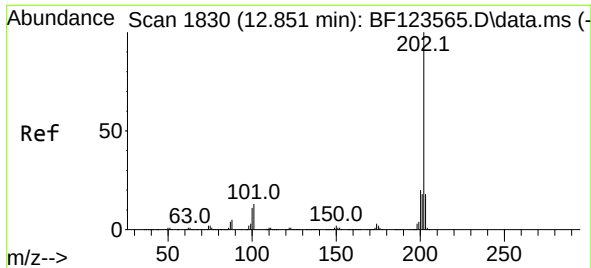
Tgt Ion:202 Resp: 104279
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:240 Resp: 544286
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 24.2 19.0 28.4

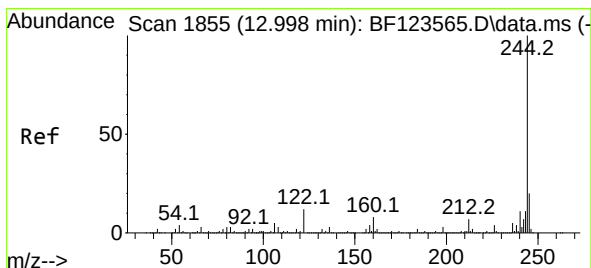
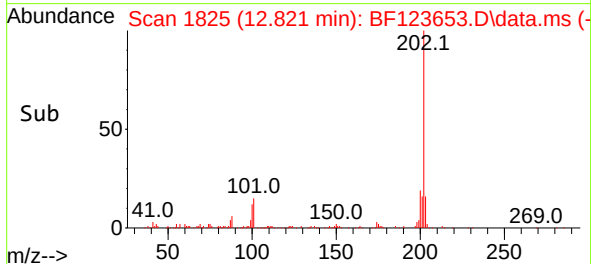
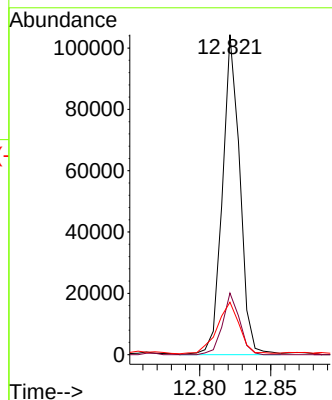
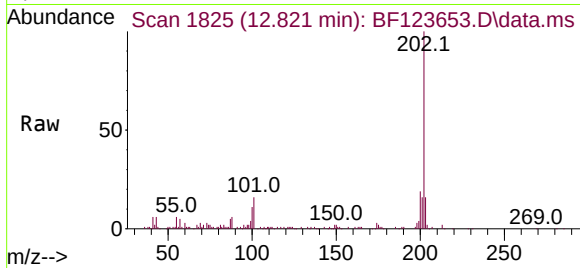




#78
 Pyrene
 Concen: 2.23 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF123653.D
 Acq: 20 Apr 2021 20:49

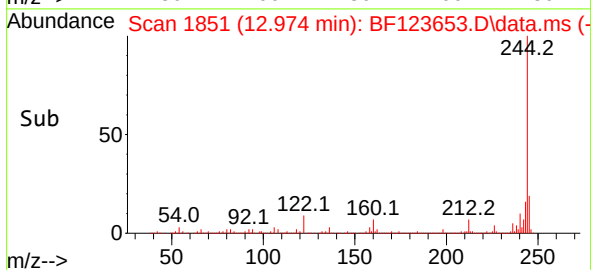
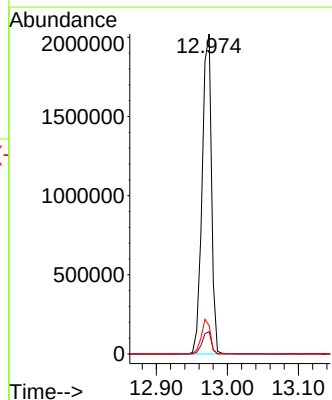
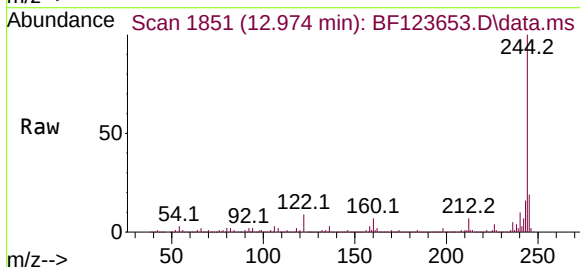
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-0-2.0

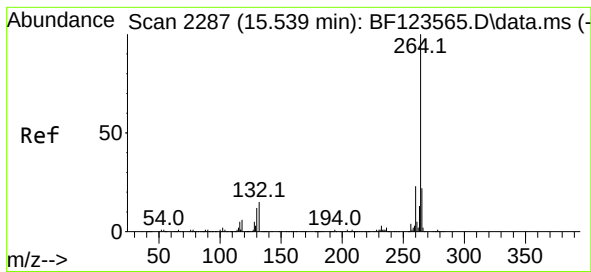
Tgt Ion:	202	Resp:	88774
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.1	24.1
203	16.4	14.8	22.2



#79
 Terphenyl-d14
 Concen: 66.34 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF123653.D
 Acq: 20 Apr 2021 20:49

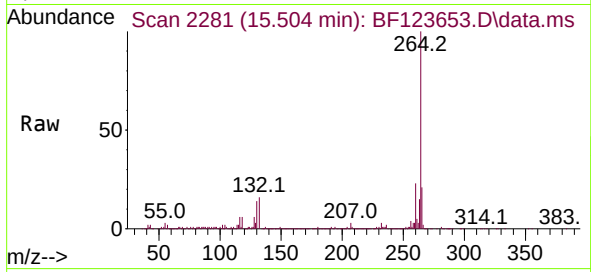
Tgt Ion:	244	Resp:	1857963
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	8.9	9.7	14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF123653.D
 Acq: 20 Apr 2021 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-0-2.0



Tgt Ion:	264	Resp:	511531
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.3	17.8	26.8

