

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123652.D
 Acq On : 20 Apr 2021 20:16
 Operator : JU/CG
 Sample : M2076-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.5-15.0

Quant Time: Apr 21 01:21:52 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)

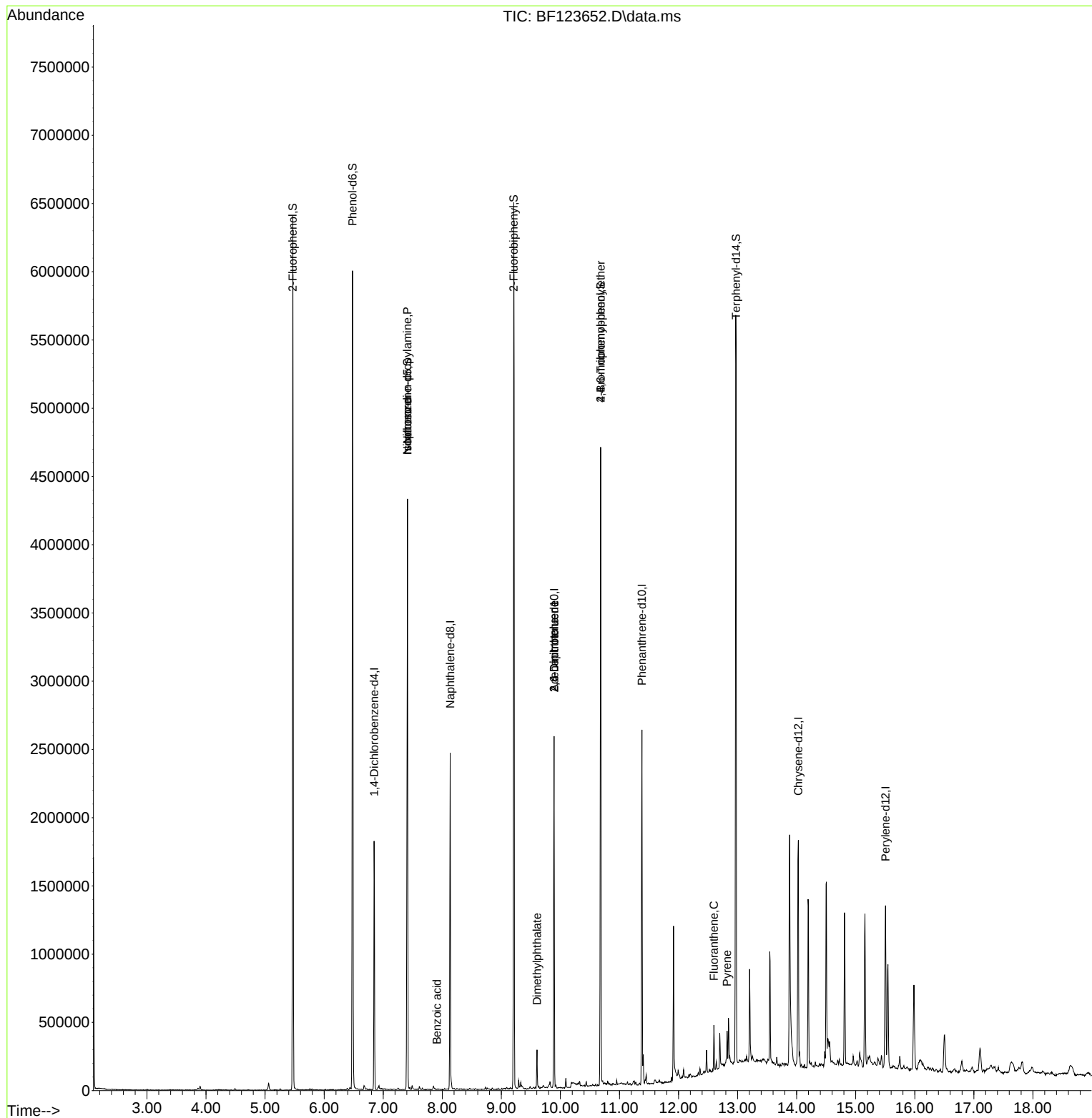
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233897	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	894897	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	444802	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	849749	20.00	ng	0.00
76) Chrysene-d12	14.027	240	565194	20.00	ng	0.00
86) Perylene-d12	15.504	264	513992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1351325	93.38	ng	0.00
7) Phenol-d6	6.481	99	1756467	87.59	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1247561	64.09	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	498051	98.88	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1844703	61.82	ng	0.00
79) Terphenyl-d14	12.974	244	1844537	63.43	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	165887	12.49	ng	# 74
25) Isophorone	7.410	82	1247531	33.03	ng	# 69
32) Benzoic acid	7.910	122	126	4.56	ng	# 72
50) Dimethylphthalate	9.604	163	85341	2.78	ng	98
51) 2,6-Dinitrotoluene	9.892	165	58133	8.62	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	58133	6.45	ng	# 17
67) 4-Bromophenyl-phenylether	10.681	248	29287	3.30	ng	# 1
75) Fluoranthene	12.598	202	110088	2.26	ng	98
78) Pyrene	12.822	202	96998	2.35	ng	98

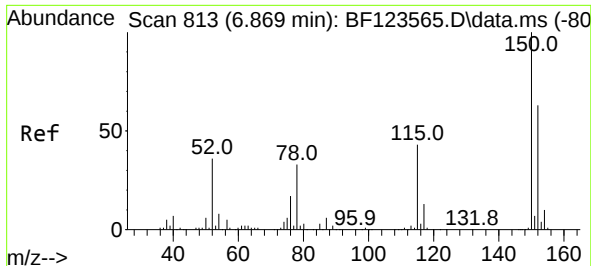
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123652.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Apr 21 01:21:52 2021
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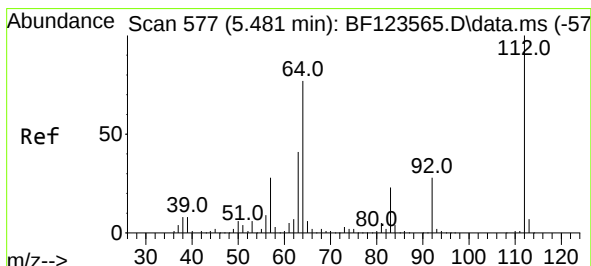
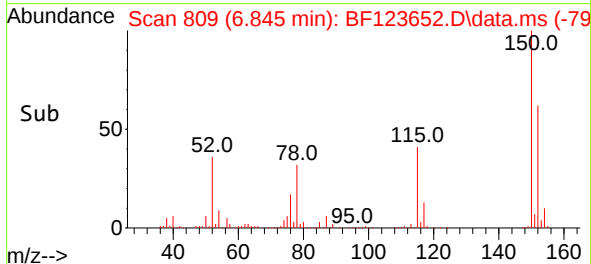
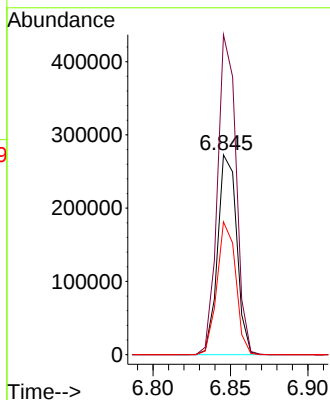
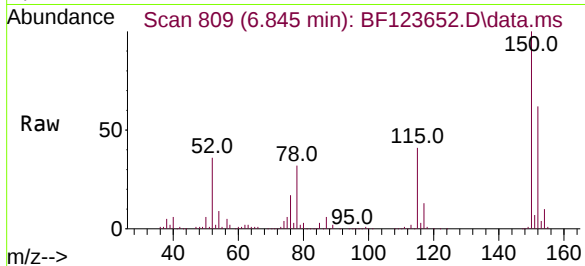




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

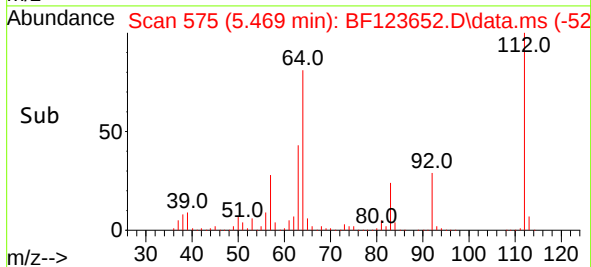
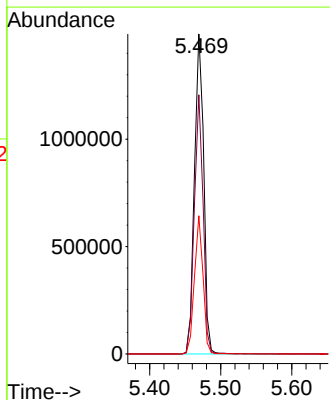
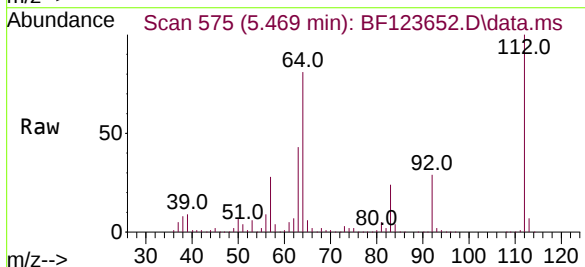
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

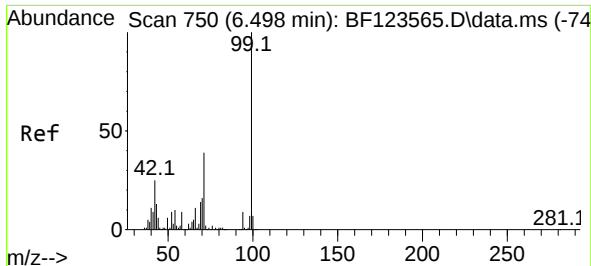
Tgt Ion:152 Resp: 233897
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.6
115 66.4 54.3 81.5



#5
2-Fluorophenol
Concen: 93.38 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:112 Resp: 1351325
Ion Ratio Lower Upper
112 100
64 81.0 61.4 92.0
63 43.2 33.0 49.4

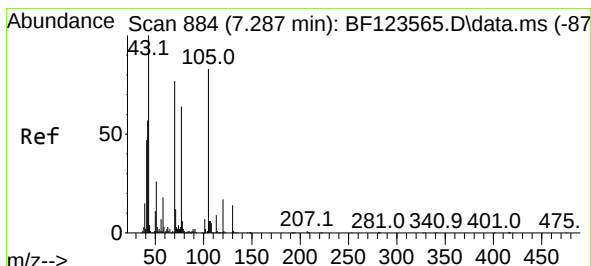
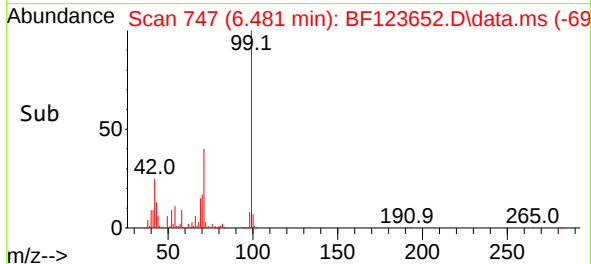
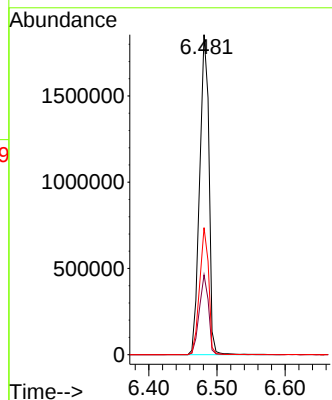
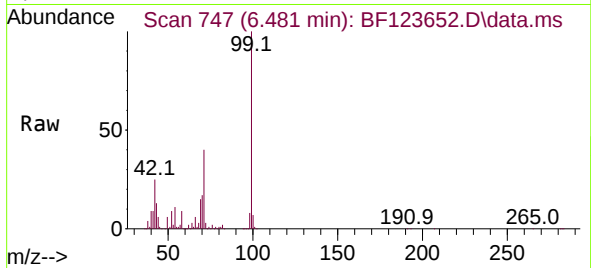




#7
Phenol-d6
Concen: 87.59 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

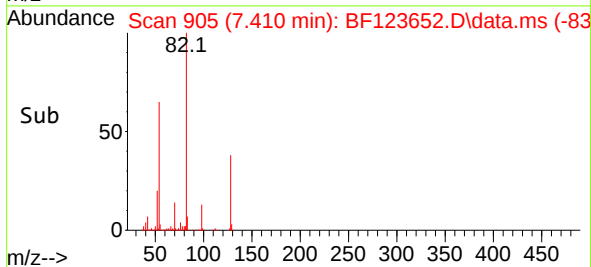
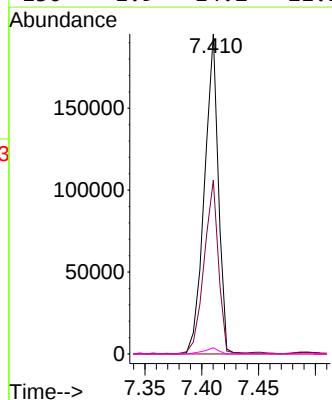
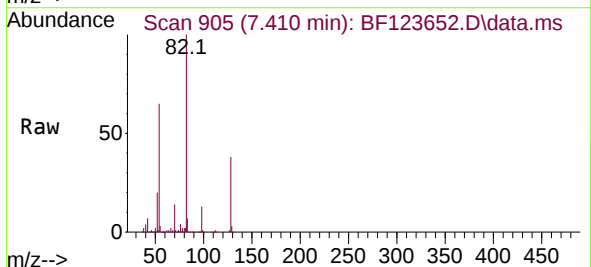
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

Tgt Ion: 99 Resp: 1756467
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 39.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.49 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 70 Resp: 165887
Ion Ratio Lower Upper
70 100
42 54.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

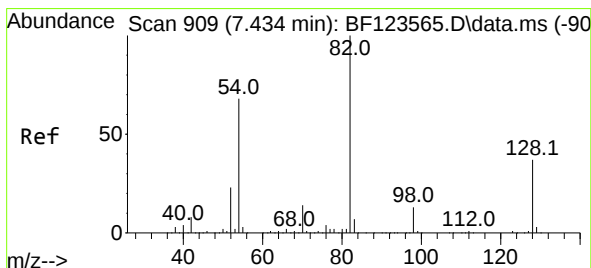
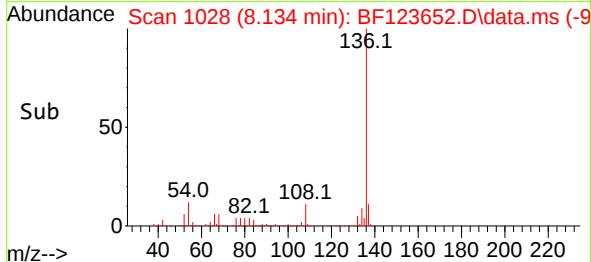
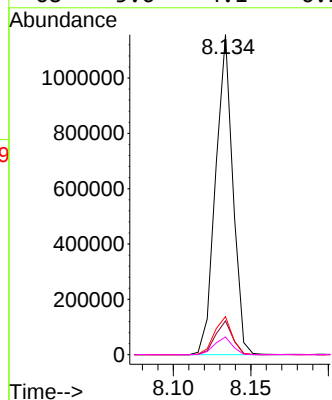
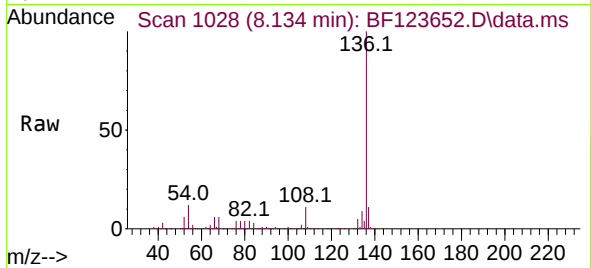




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

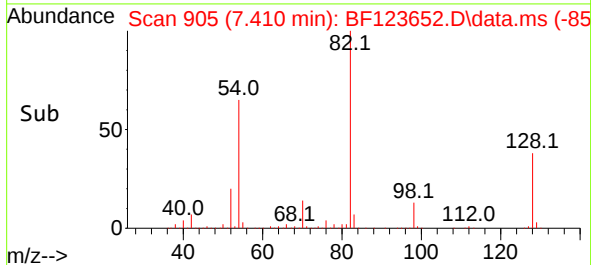
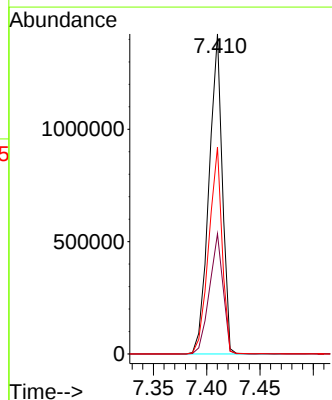
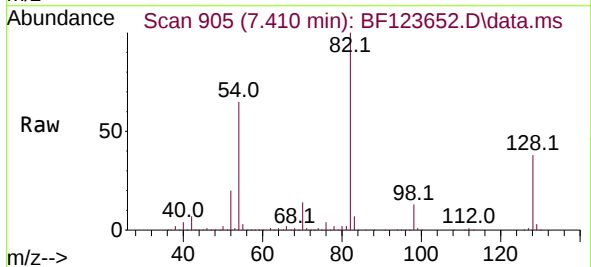
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

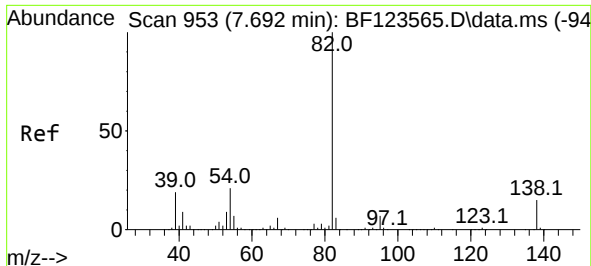
Tgt Ion:136	Resp: 894897
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 11.9	9.8 14.6
68 5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 64.09 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 82	Resp: 1247561
Ion Ratio	Lower Upper
82 100	
128 37.6	29.4 44.2
54 64.7	54.1 81.1

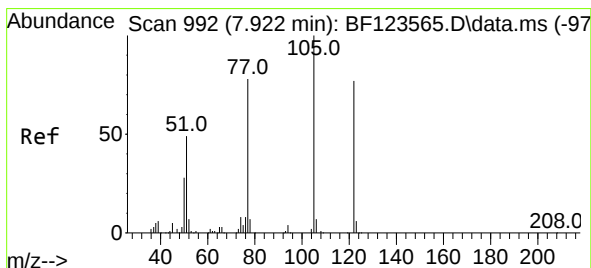
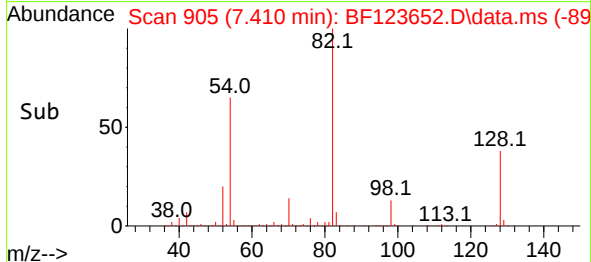
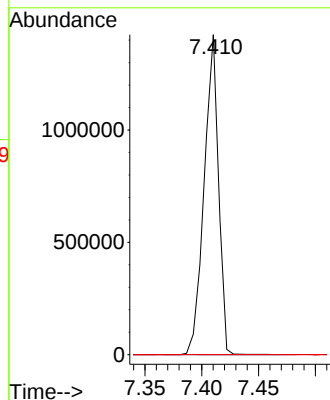
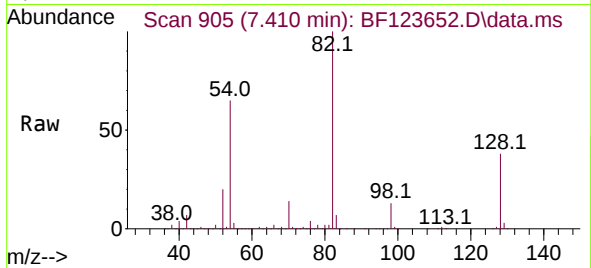




#25
Isophorone
Concen: 33.03 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

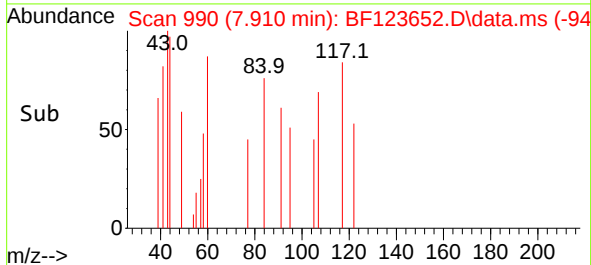
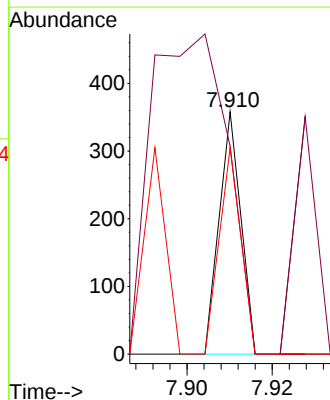
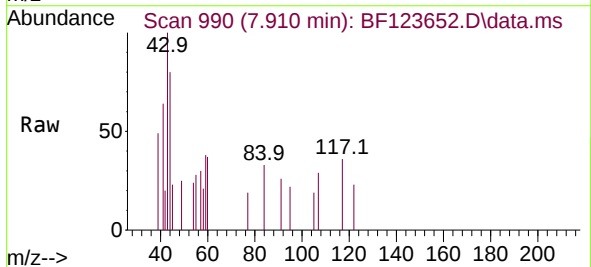
Instrument :
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ClientSampleId :
SB-14-14.5-15.0

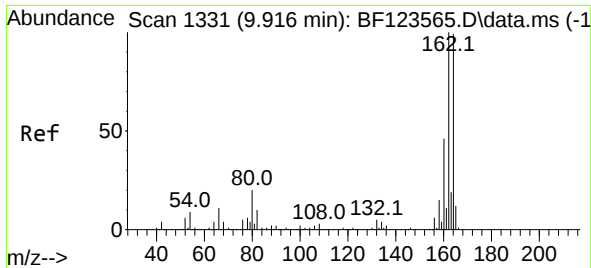
Tgt Ion: 82 Resp: 1247531
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 122 Resp: 126
Ion Ratio Lower Upper
122 100
105 85.8 107.8 147.8#
77 85.2 81.6 121.6

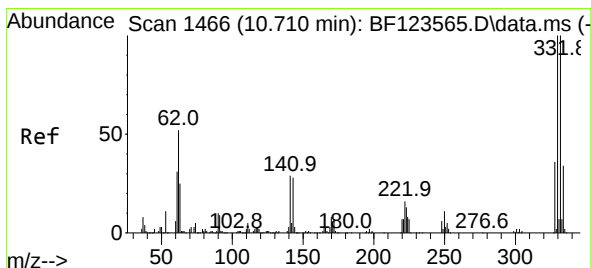
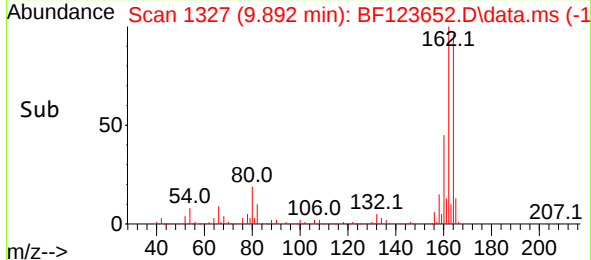
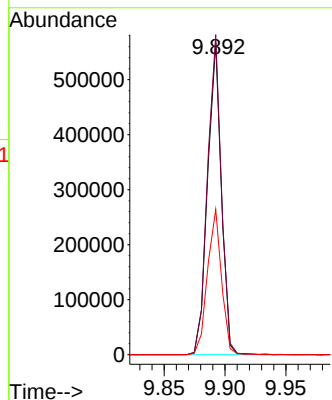
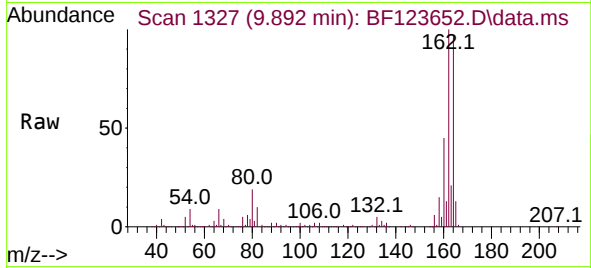




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

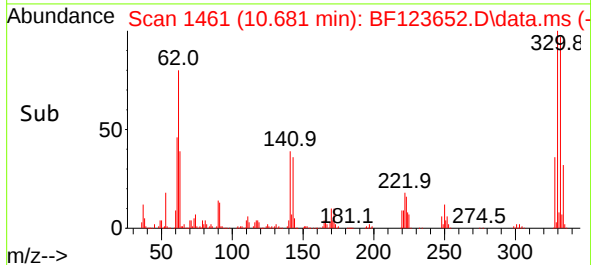
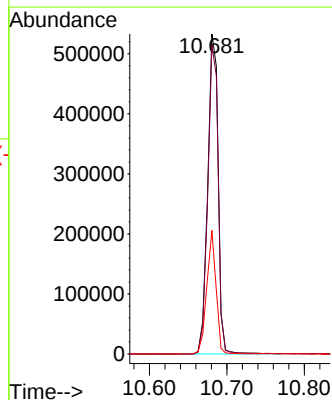
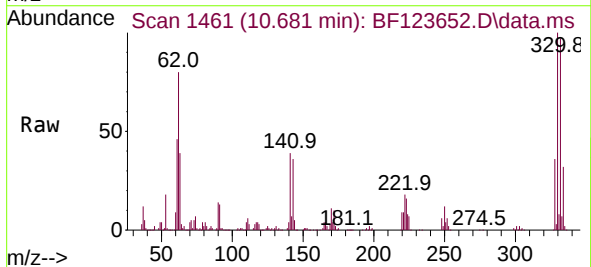
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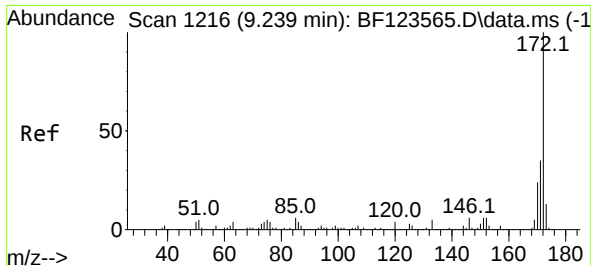
Tgt Ion:164 Resp: 444802
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 46.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 98.88 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:330 Resp: 498051
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 34.5 27.9 41.9

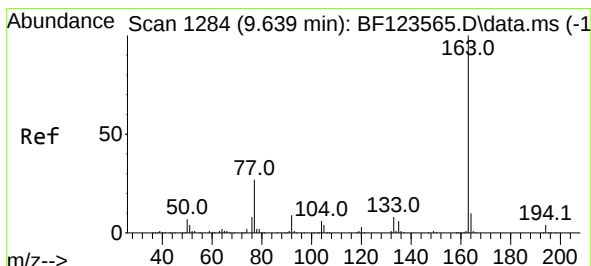
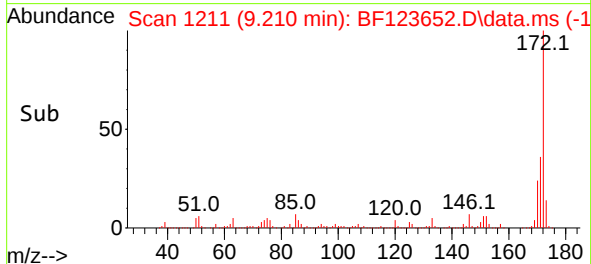
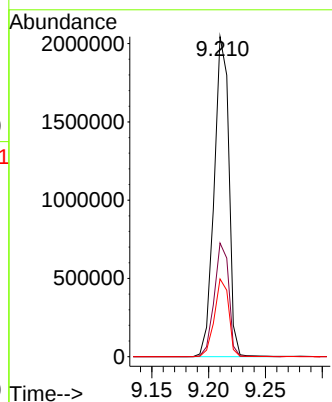
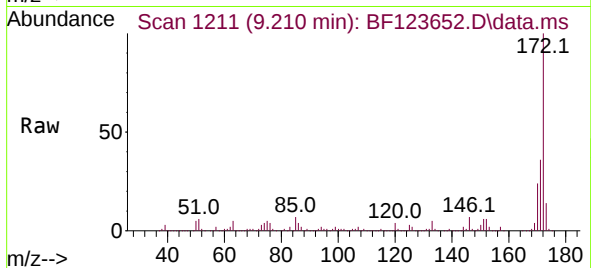




#45
2-Fluorobiphenyl
Concen: 61.82 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

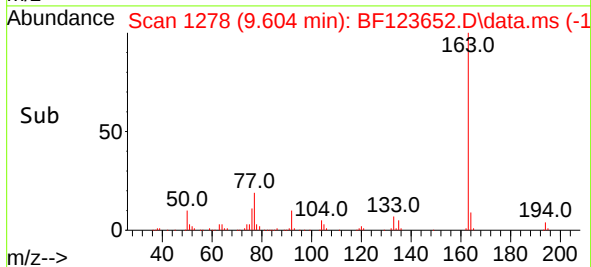
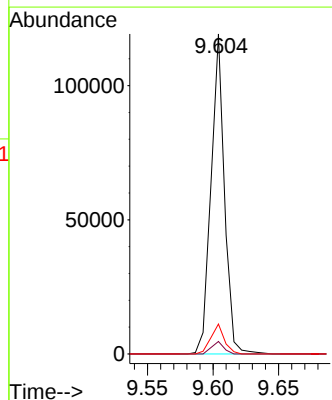
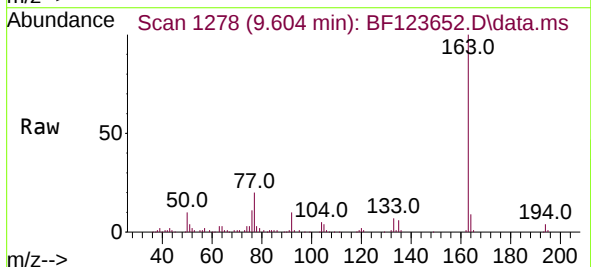
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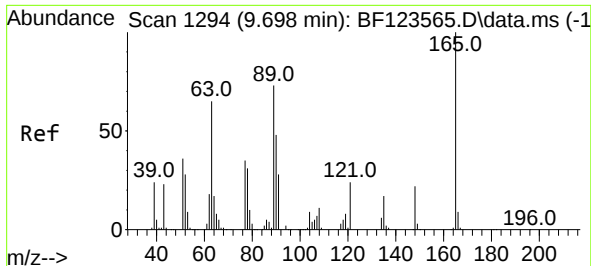
Tgt Ion:172 Resp: 1844703
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.3 19.2 28.8



#50
Dimethylphthalate
Concen: 2.78 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:163 Resp: 85341
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.3 8.2 12.2

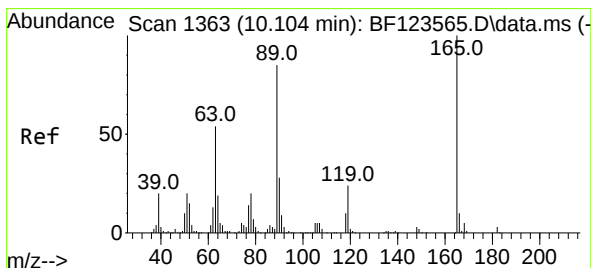
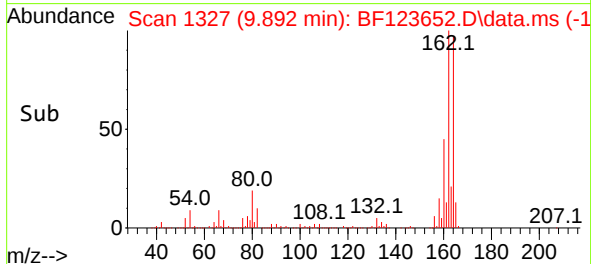
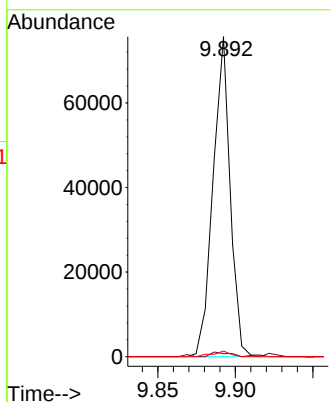
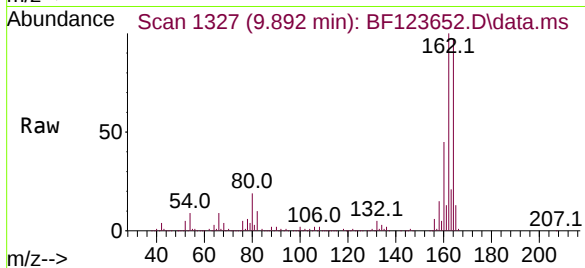




#51
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

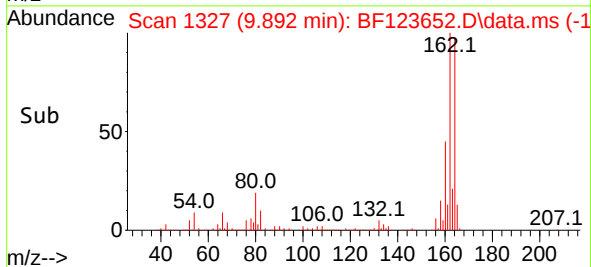
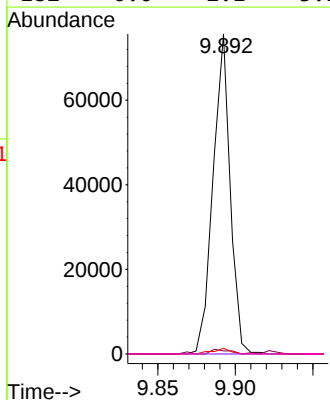
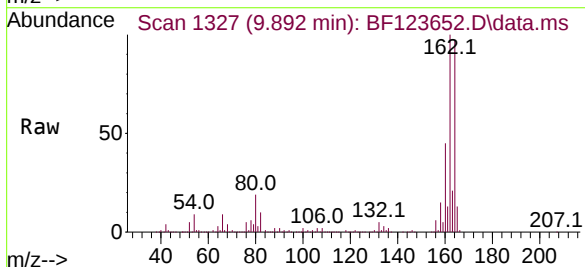
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

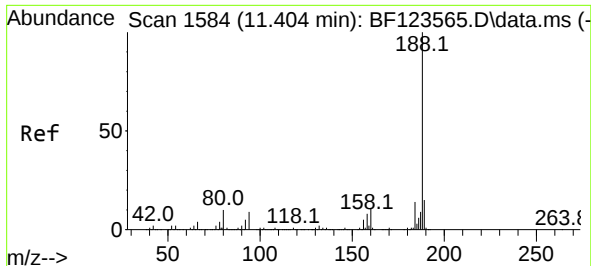
Tgt Ion:165 Resp: 58133
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:165 Resp: 58133
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

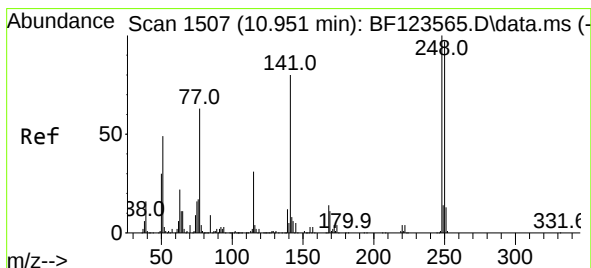
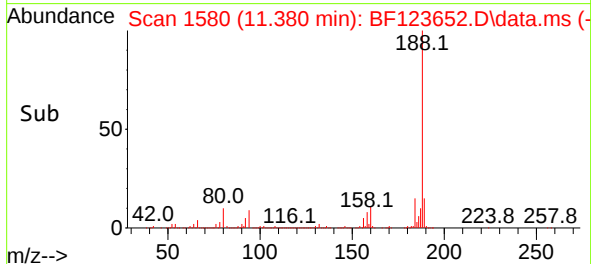
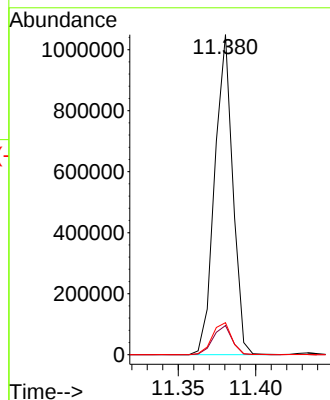
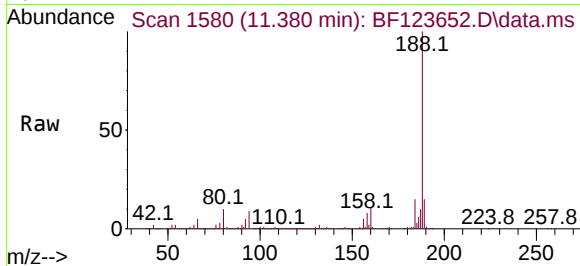




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

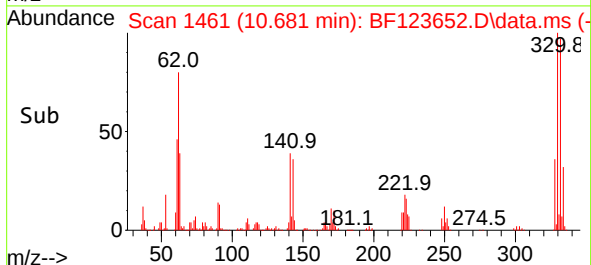
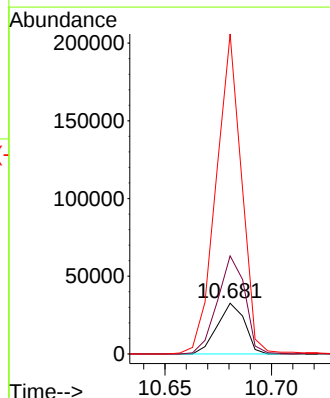
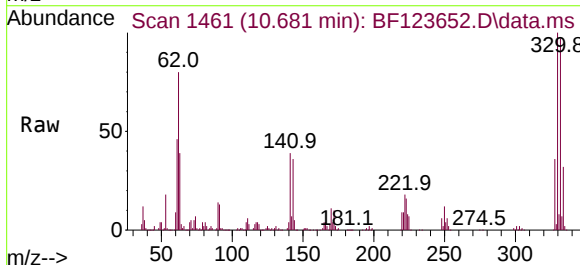
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

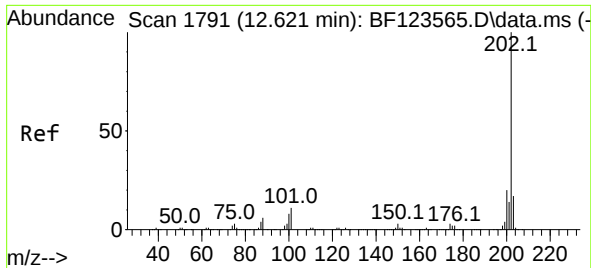
Tgt Ion:188 Resp: 849749
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:248 Resp: 29287
Ion Ratio Lower Upper
248 100
250 193.4 77.4 116.2#
141 631.1 63.7 95.5#

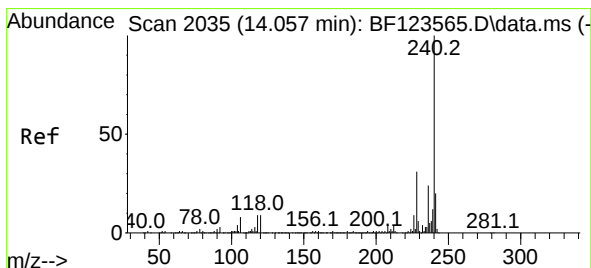
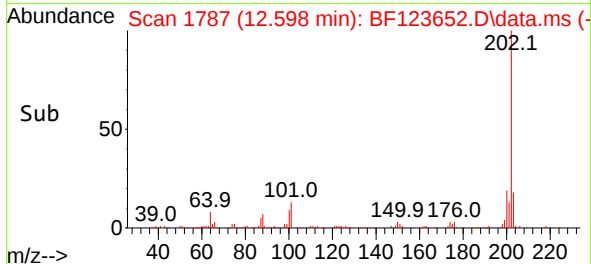
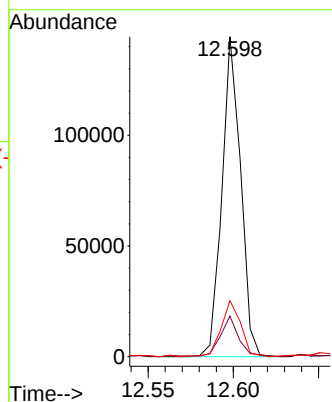
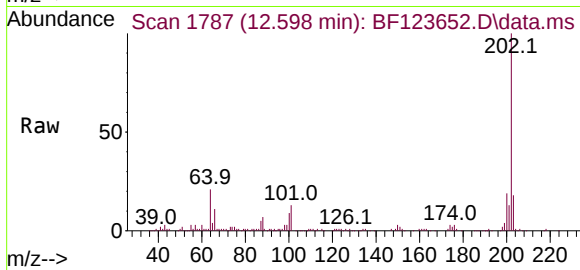




#75
Fluoranthene
Concen: 2.26 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

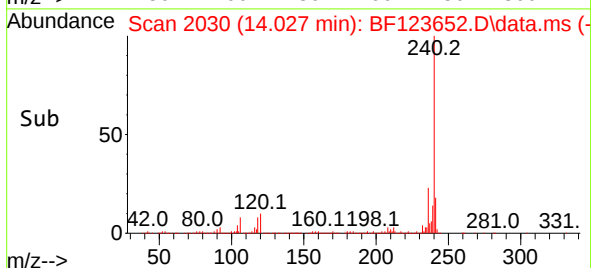
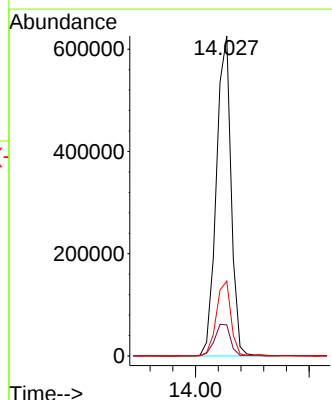
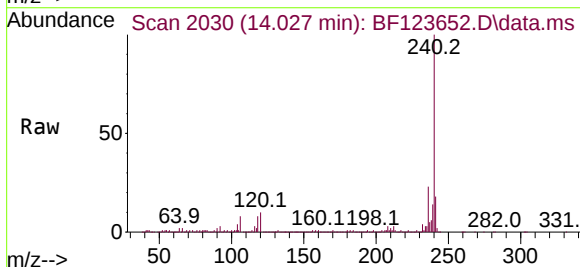
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

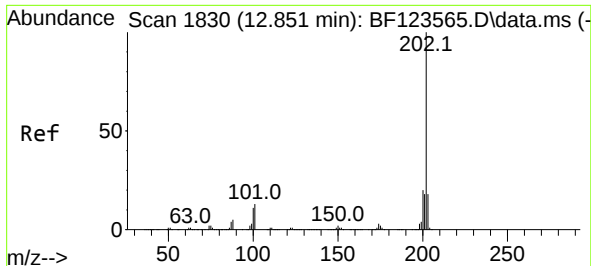
Tgt Ion:202 Resp: 110088
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:240 Resp: 565194
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.4 19.0 28.4

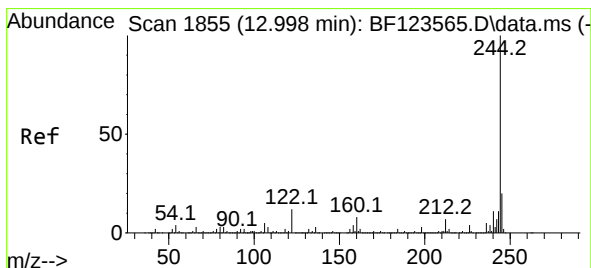
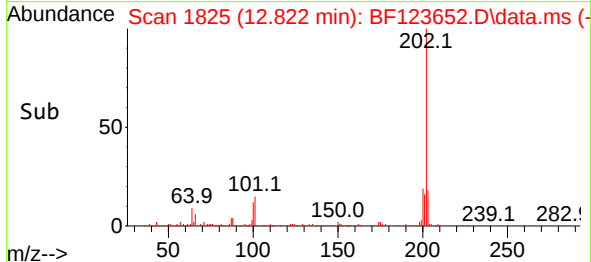
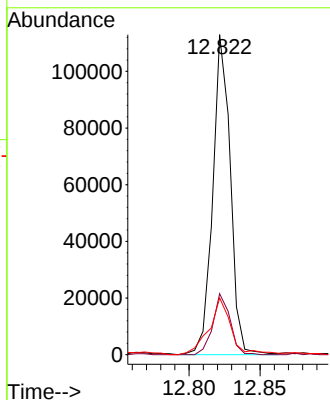
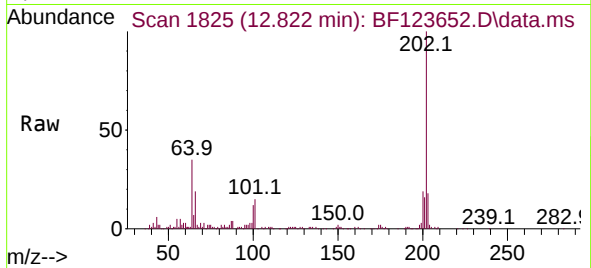




#78
 Pyrene
 Concen: 2.35 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF123652.D
 Acq: 20 Apr 2021 20:16

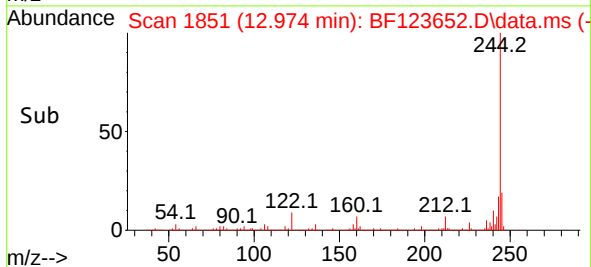
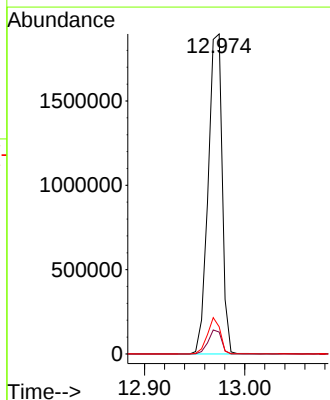
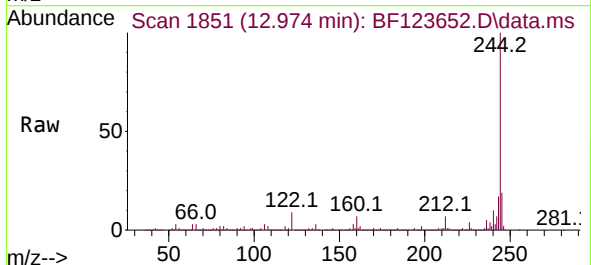
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.5-15.0

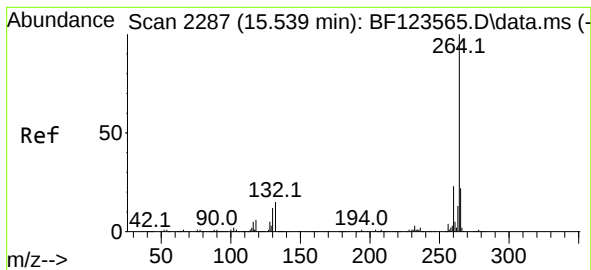
Tgt Ion:	202	Resp:	96998
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.1	24.1
203	17.7	14.8	22.2



#79
 Terphenyl-d14
 Concen: 63.43 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF123652.D
 Acq: 20 Apr 2021 20:16

Tgt Ion:	244	Resp:	1844537
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	8.5	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: BF123652.D
 Acq: 20 Apr 2021 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.5-15.0

Tgt Ion:264 Resp: 513992
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.5 17.8 26.8

