

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123694.D
 Acq On : 23 Apr 2021 15:31
 Operator : JU/CG
 Sample : PB135944BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135944BL

Quant Time: Apr 23 16:21:54 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)

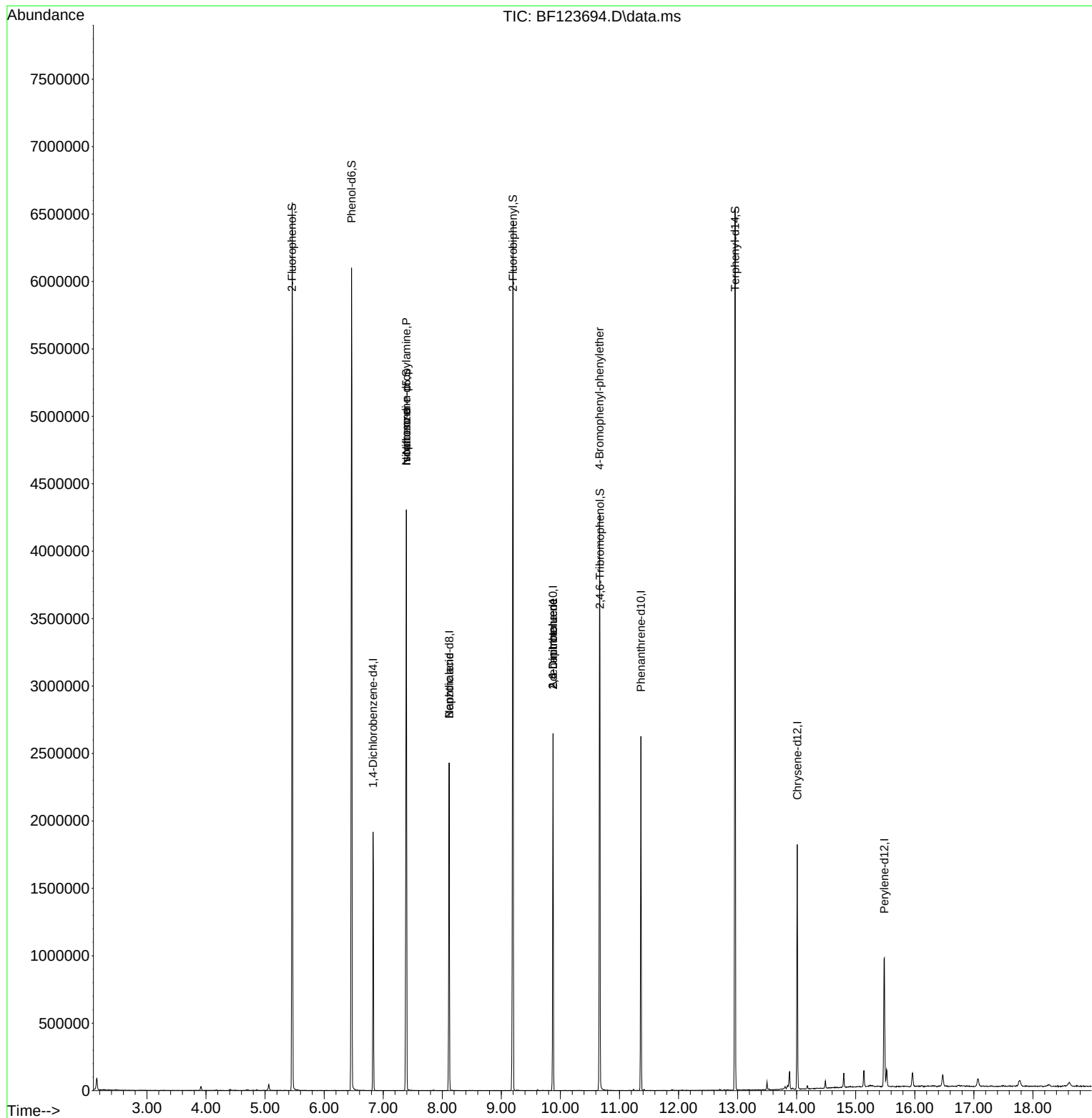
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	252704	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	939019	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	452093	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	829128	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	577273	20.00	ng	-0.01
86) Perylene-d12	15.486	264	444290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1491471	95.39	ng	0.00
7) Phenol-d6	6.463	99	1906141	87.98	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1343373	65.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	492161	96.14	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2033117	67.04	ng	0.00
79) Terphenyl-d14	12.957	244	1992295	67.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	180571	12.58	ng	# 74
25) Isophorone	7.392	82	1343195	33.89	ng	# 69
32) Benzoic acid	8.116	122	171	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	58428	8.52	ng	# 11
57) 2,4-Dinitrotoluene	9.875	165	58428	6.38	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	27681	3.19	ng	# 1
89) Benzo(k)fluoranthene	15.086	252	109	Below Cal		# 60
92) Benzo(g,h,i)perylene	17.392	276	483	Below Cal		# 56

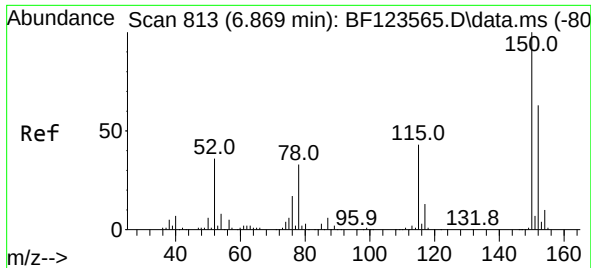
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

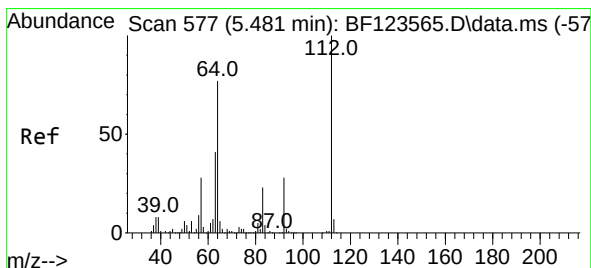
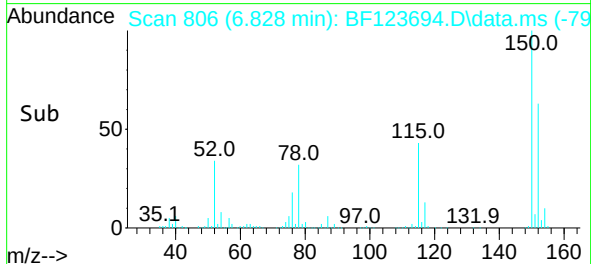
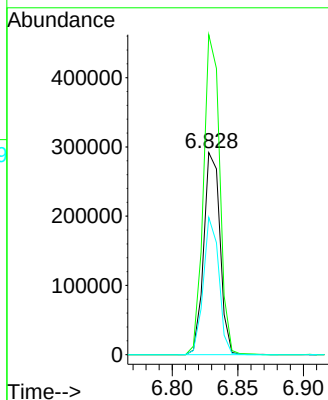
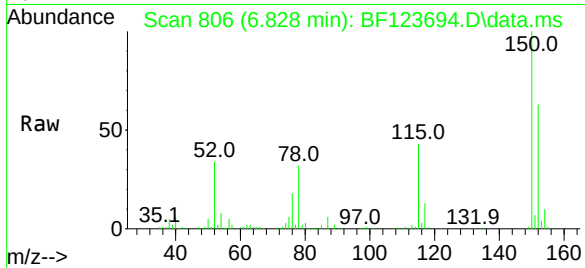




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

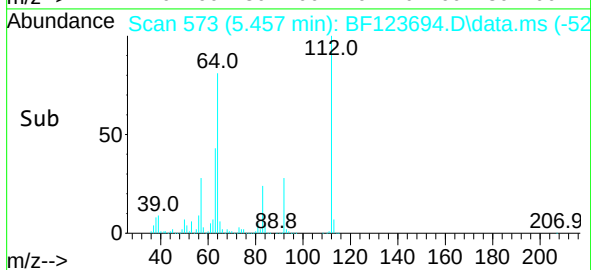
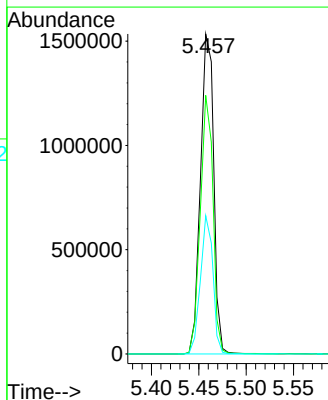
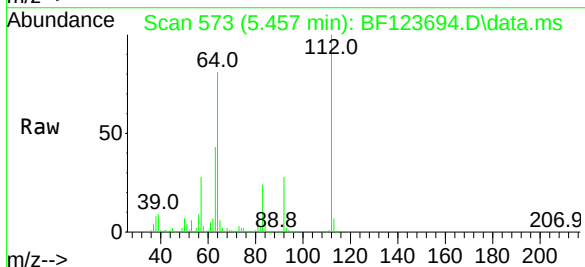
Instrument :
BNA_F
ClientSampleId :
PB135944BL

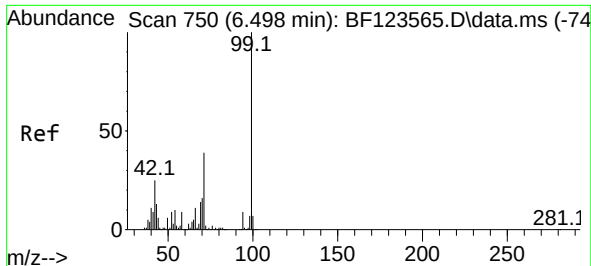
Tgt Ion:152 Resp: 252704
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 95.39 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion:112 Resp: 1491471
Ion Ratio Lower Upper
112 100
64 80.8 61.4 92.0
63 43.2 33.0 49.4

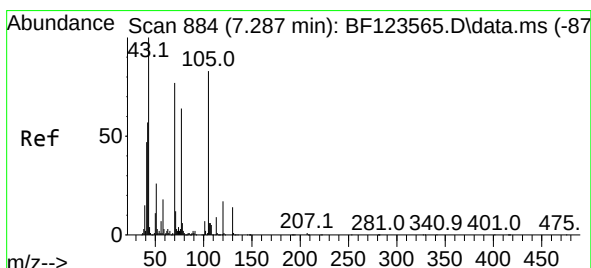
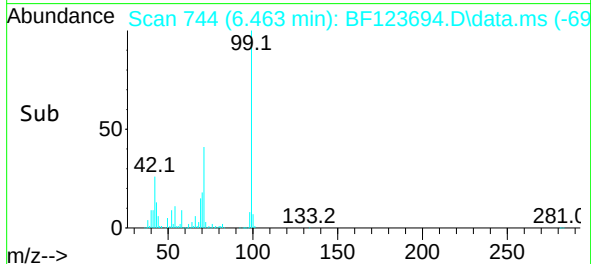
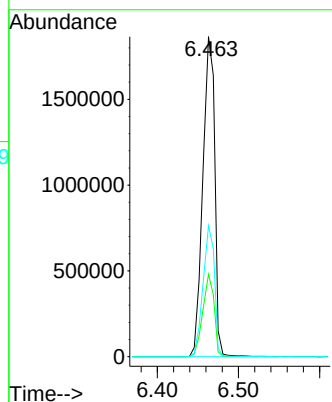
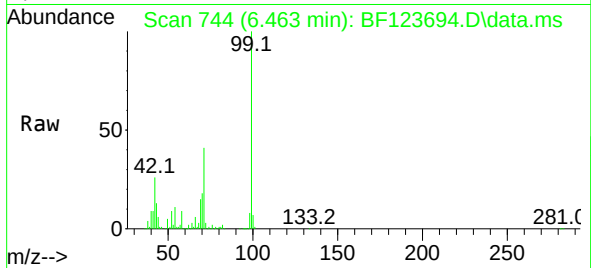




#7
Phenol-d6
Concen: 87.98 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

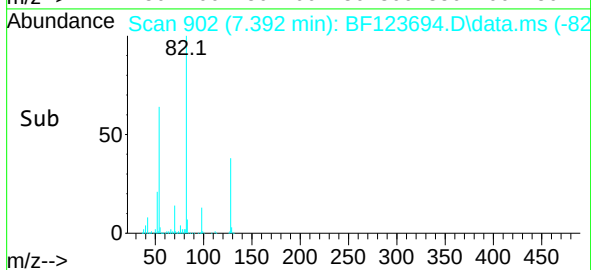
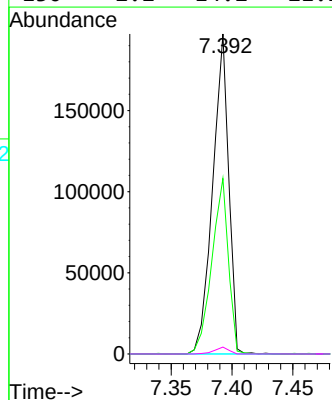
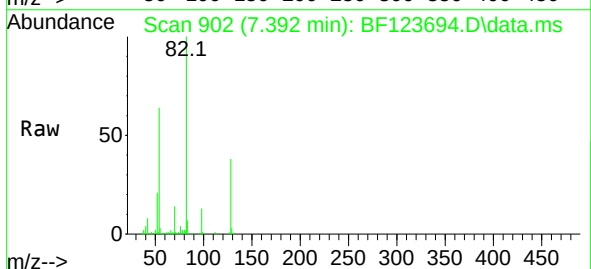
Instrument :
BNA_F
ClientSampleId :
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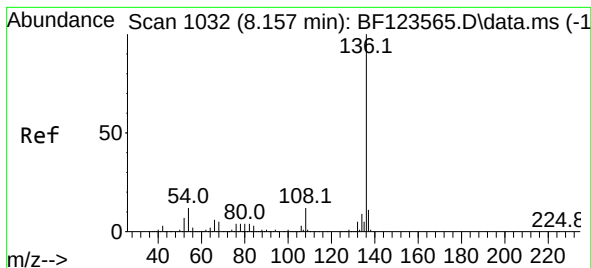
Tgt Ion: 99 Resp: 1906141
Ion Ratio Lower Upper
99 100
42 25.8 19.8 29.8
71 40.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.58 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion: 70 Resp: 180571
Ion Ratio Lower Upper
70 100
42 54.9 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#

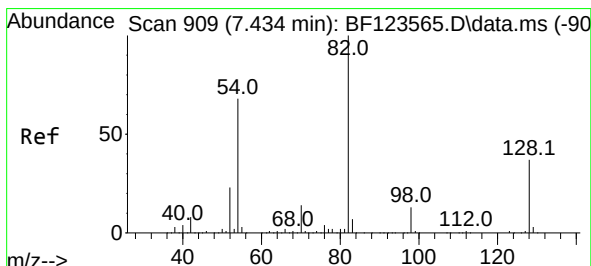
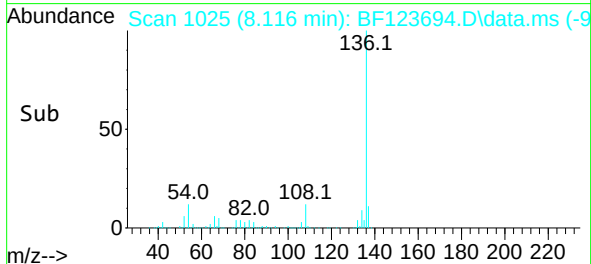
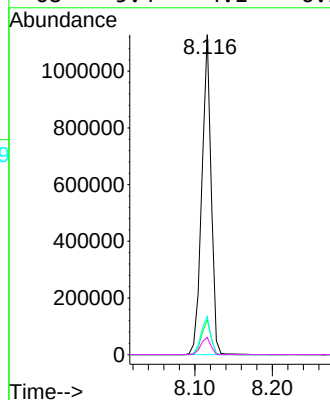
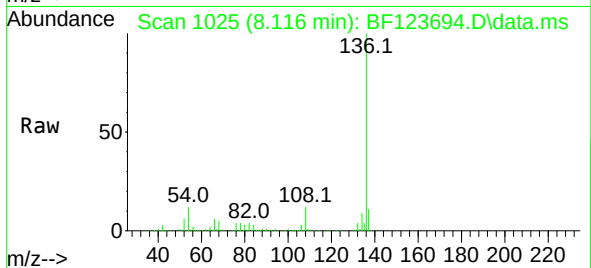




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

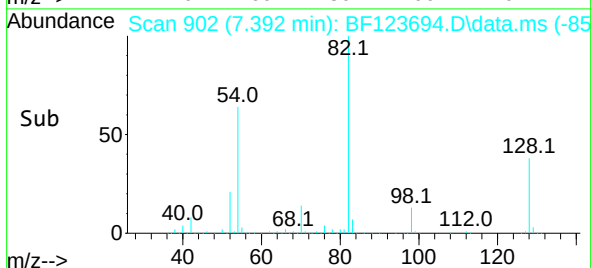
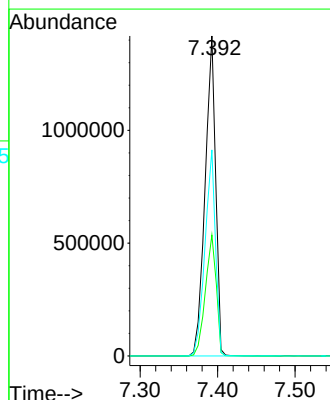
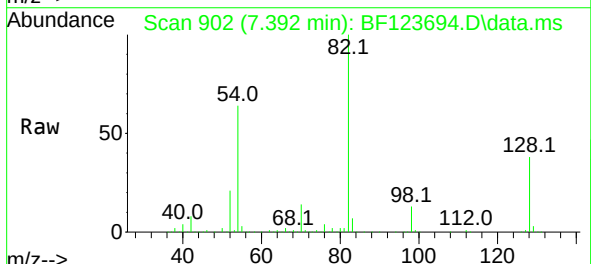
Instrument :
BNA_F
ClientSampleId :
PB135944BL

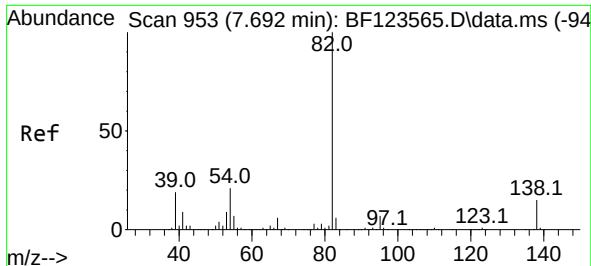
Tgt Ion:	136	Resp:	939019
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	12.0	9.8	14.6
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 65.77 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion:	82	Resp:	1343373
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.4	44.2
54	64.4	54.1	81.1

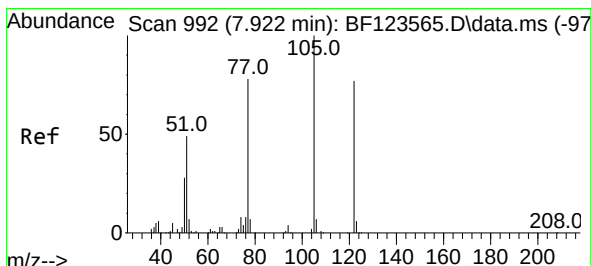
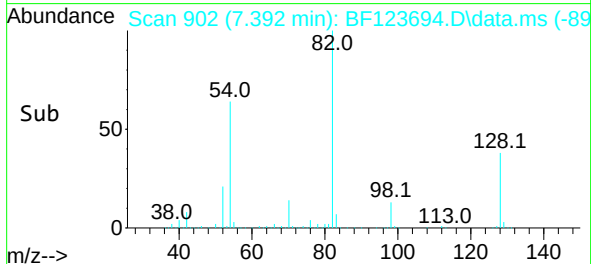
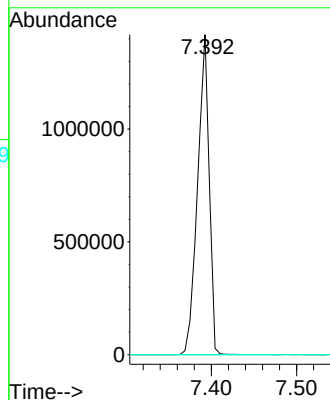
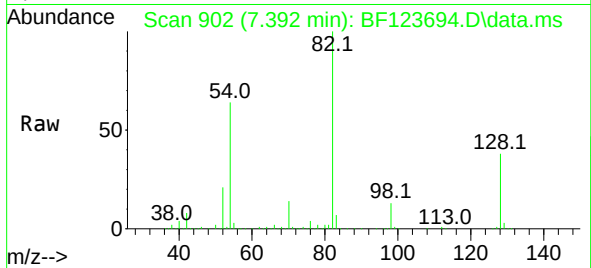




#25
Isophorone
Concen: 33.89 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.270 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

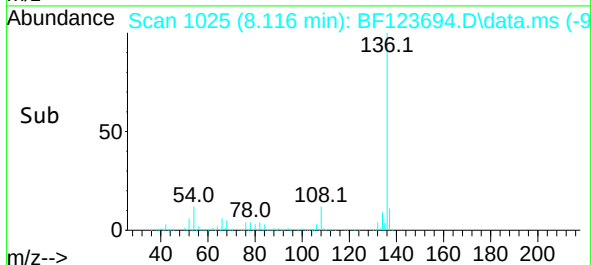
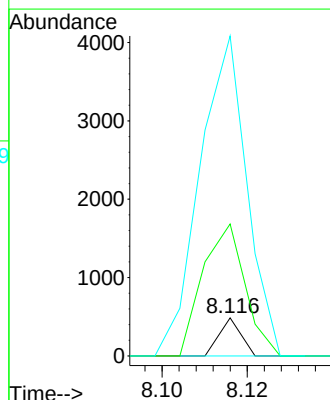
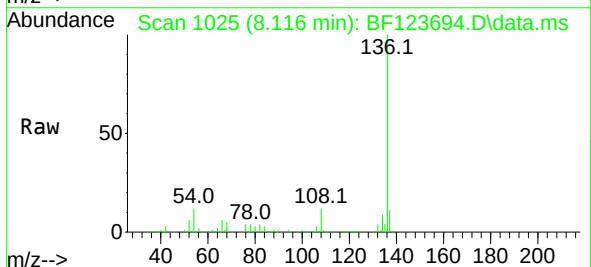
Instrument :
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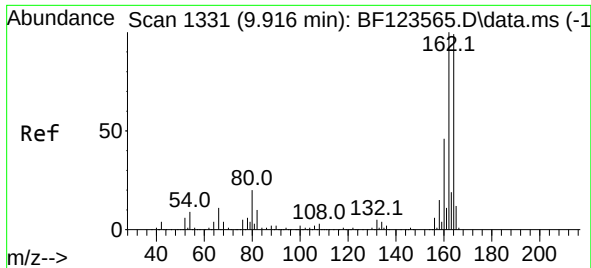
Tgt Ion: 82 Resp: 1343195
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion:122 Resp: 171
Ion Ratio Lower Upper
122 100
105 347.2 107.8 147.8#
77 842.1 81.6 121.6#

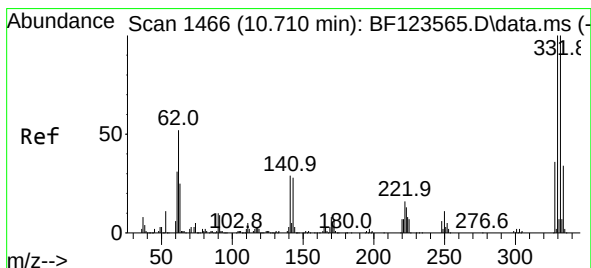
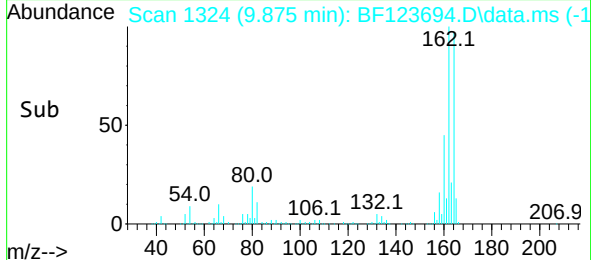
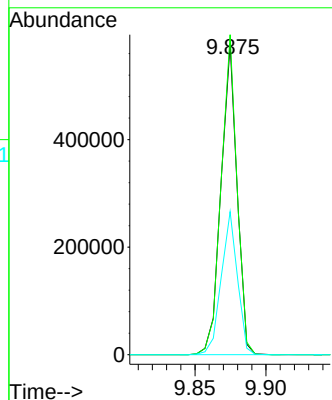
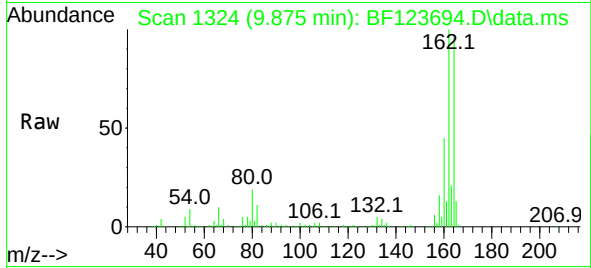




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

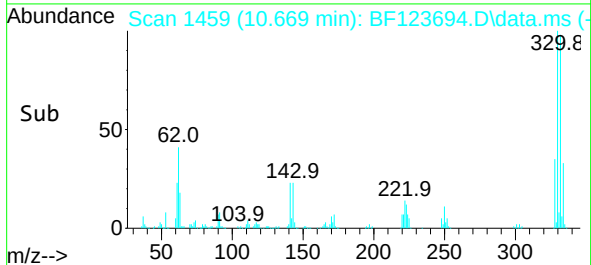
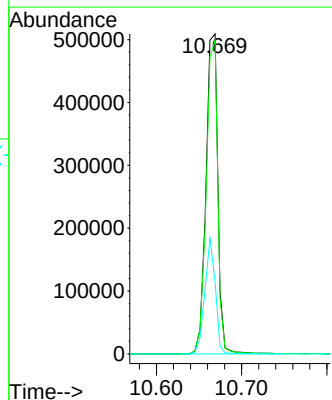
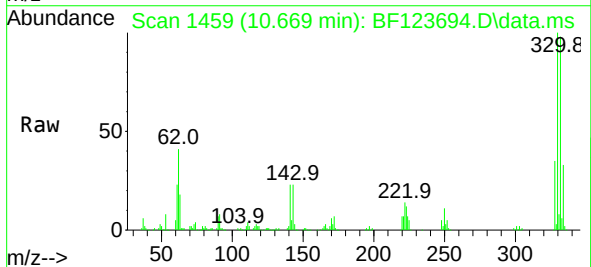
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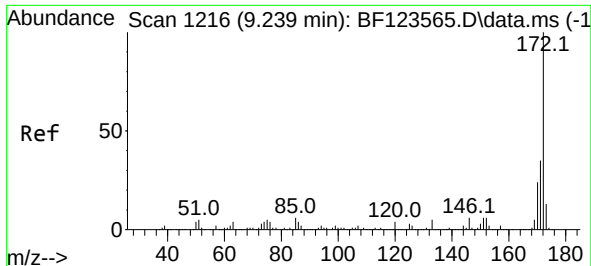
Tgt Ion:164 Resp: 452093
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 46.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 96.14 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion:330 Resp: 492161
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 32.1 27.9 41.9

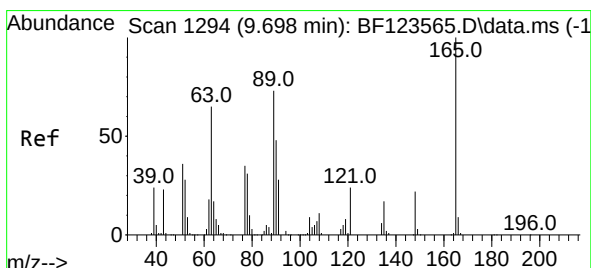
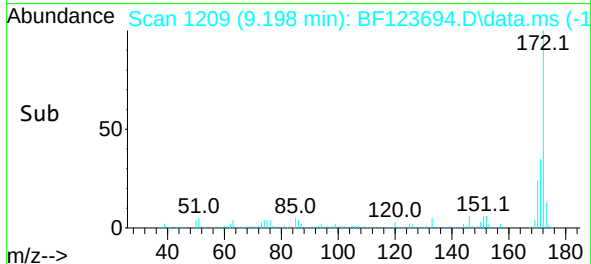
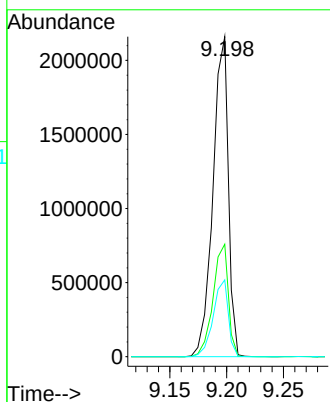
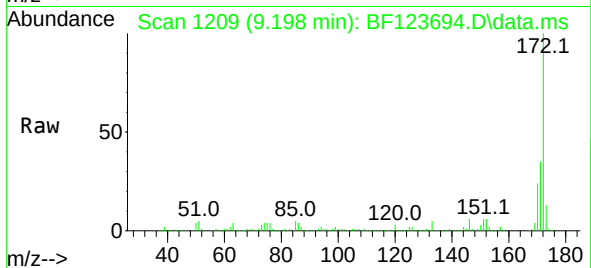




#45
2-Fluorobiphenyl
Concen: 67.04 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

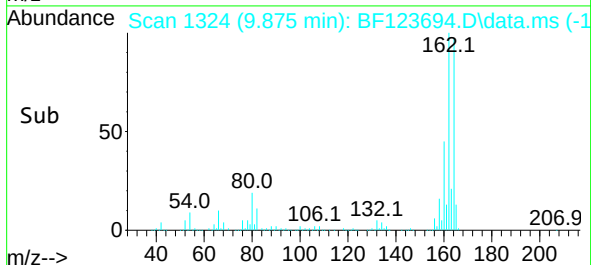
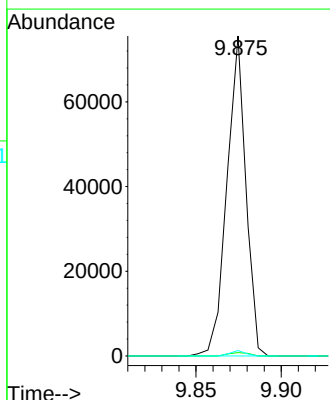
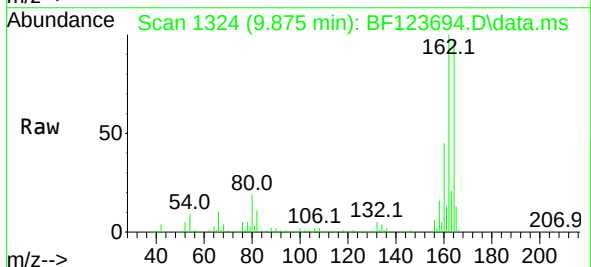
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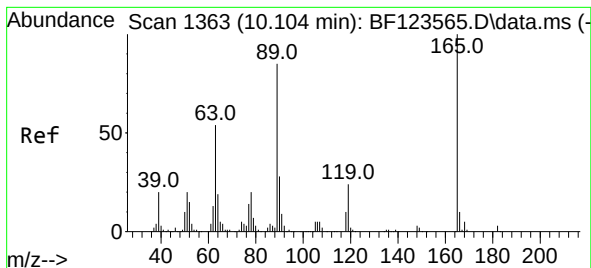
Tgt Ion:172 Resp: 2033117
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Tgt Ion:165 Resp: 58428
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.7 58.8 88.2#

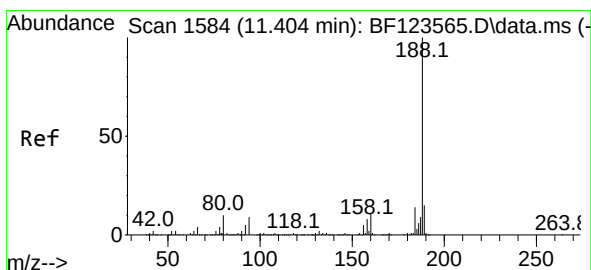
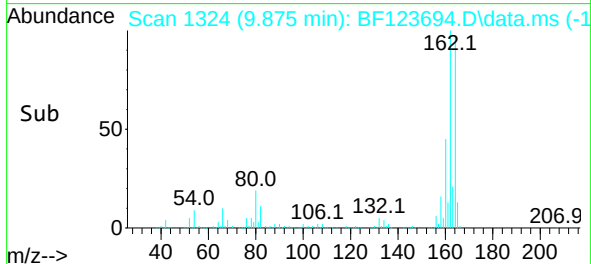
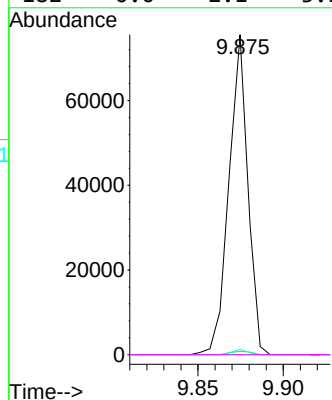
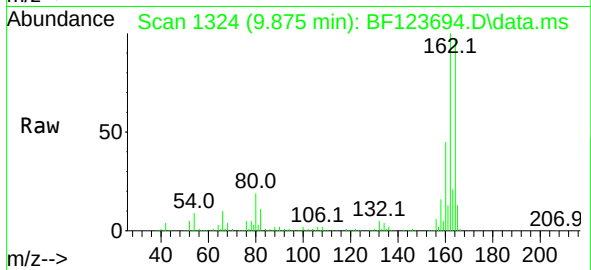




#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

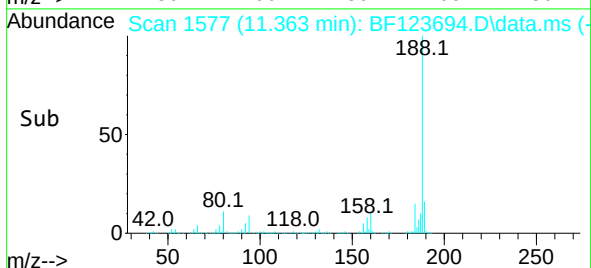
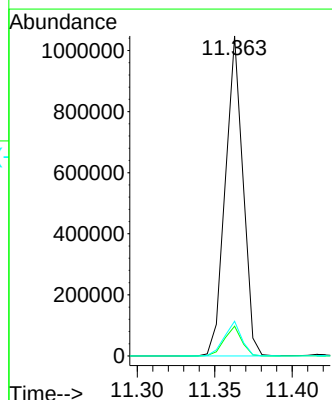
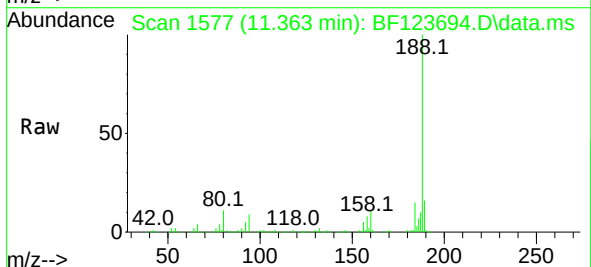
Instrument :
BNA_F
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PB135944BL

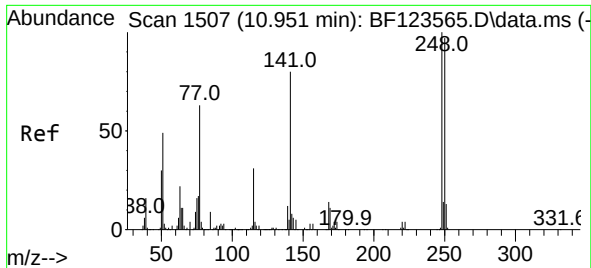
Tgt Ion:165 Resp: 58428
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

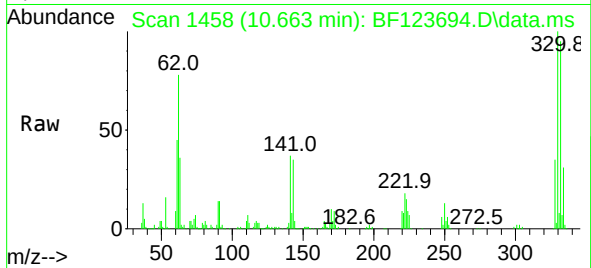
Tgt Ion:188 Resp: 829128
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 10.9 8.2 12.2



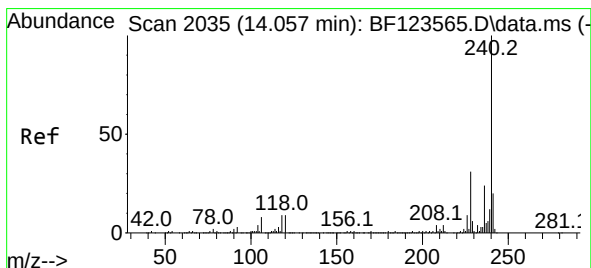
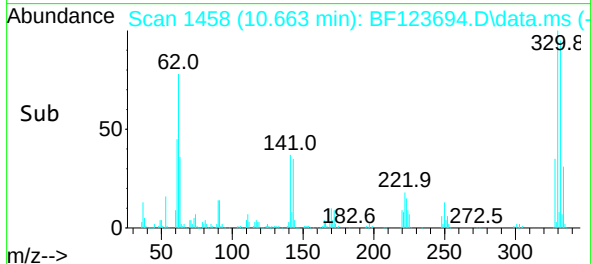
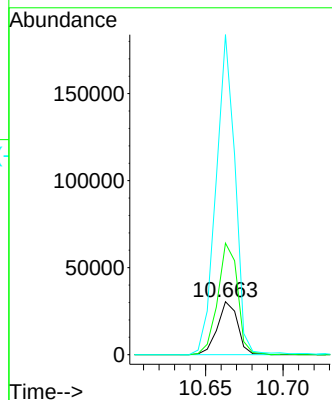


#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

Instrument :
BNA_F
ClientSampleId :
PB135944BL

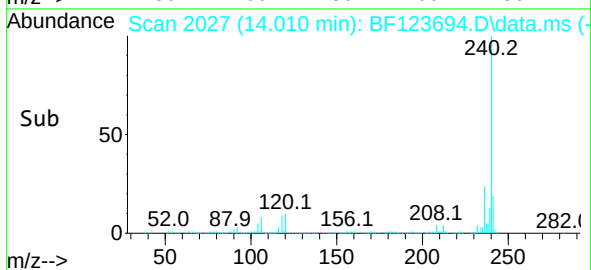
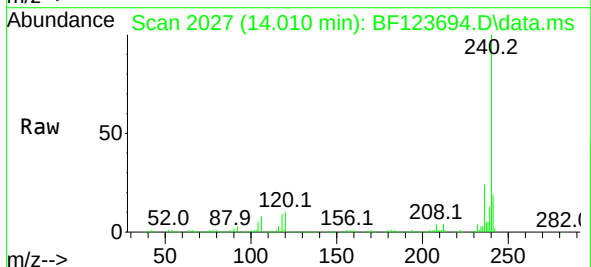
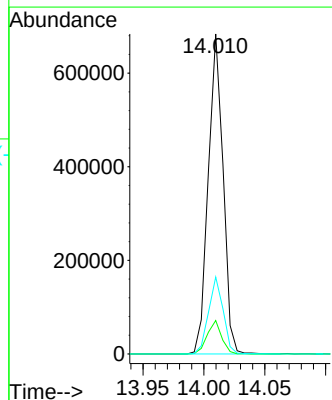


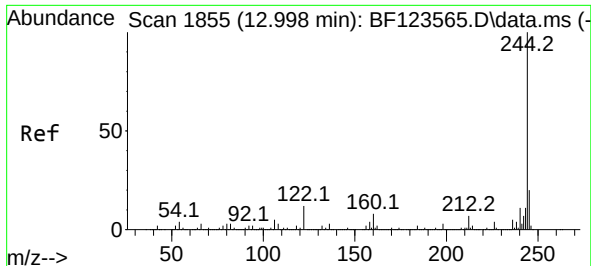
Tgt Ion:248 Resp: 27681
Ion Ratio Lower Upper
248 100
250 210.1 77.4 116.2#
141 603.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123694.D
Acq: 23 Apr 2021 15:31

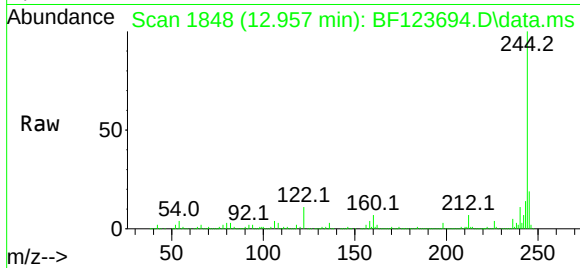
Tgt Ion:240 Resp: 577273
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 24.1 19.0 28.4



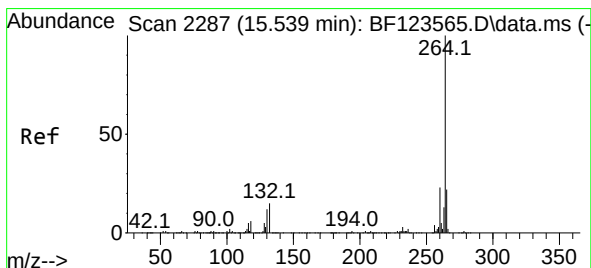
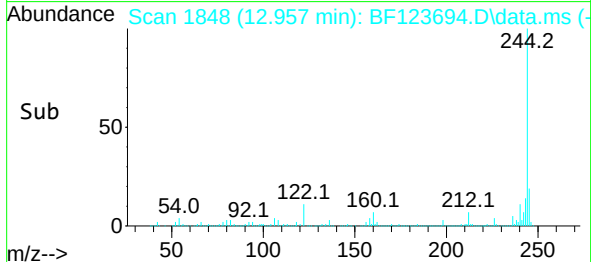
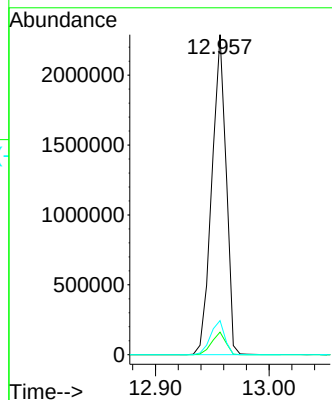


#79
 Terphenyl-d14
 Concen: 67.08 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF123694.D
 Acq: 23 Apr 2021 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB135944BL



Tgt Ion:244 Resp: 1992295
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF123694.D
 Acq: 23 Apr 2021 15:31

Tgt Ion:264 Resp: 444290
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.7 28.1
 265 20.8 17.8 26.8

