

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123617.D
 Acq On : 19 Apr 2021 12:05
 Operator : JU/CG
 Sample : PB135807BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135807BL

Quant Time: Apr 19 13:06:10 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 16 10:31:33 2021
 Response via : Initial Calibration

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

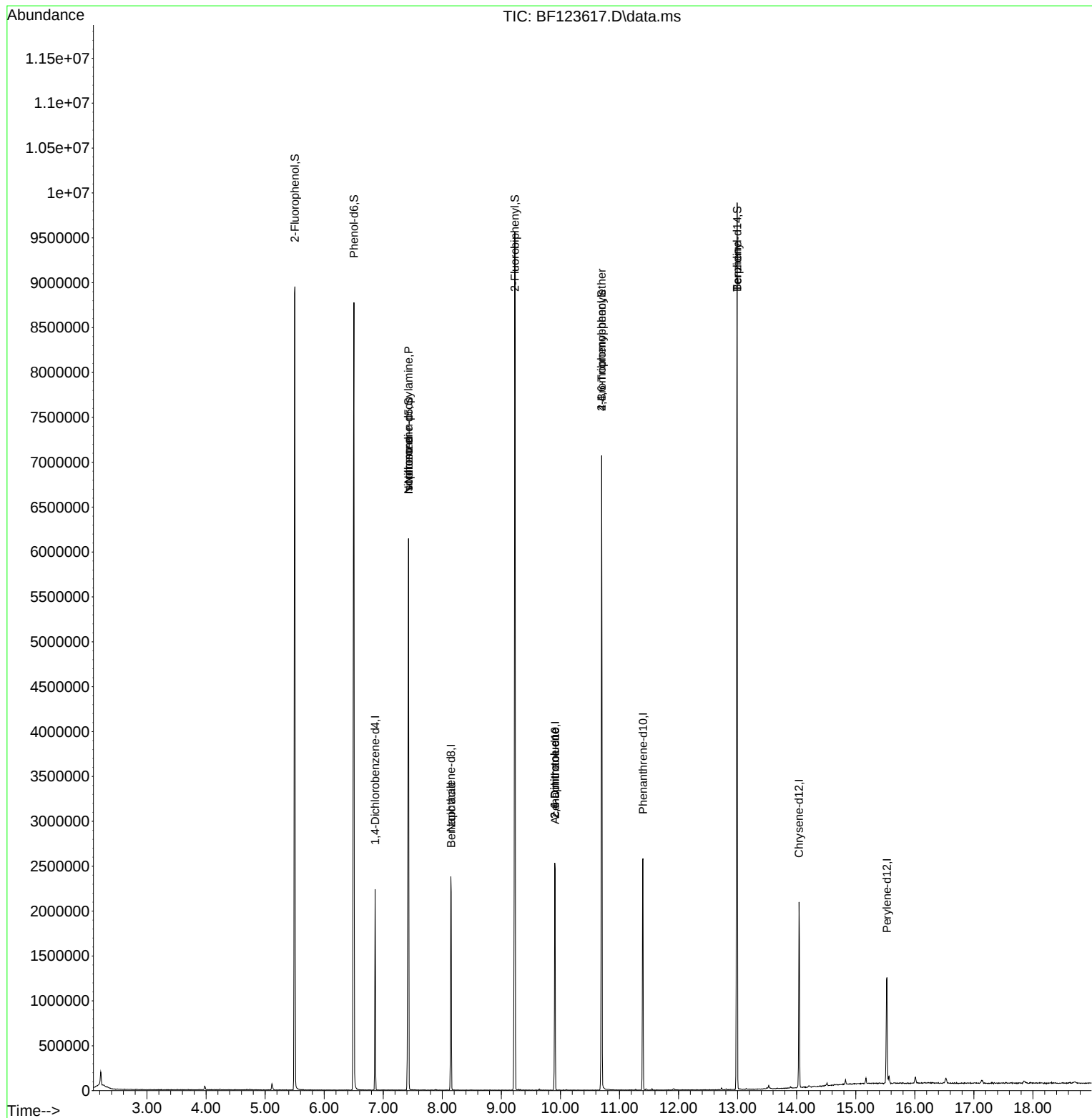
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	267217	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1046277	20.00	ng	#-0.01
39) Acenaphthene-d10	9.910	164	524037	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	968365	20.00	ng	0.00
76) Chrysene-d12	14.039	240	706388	20.00	ng	-0.02
86) Perylene-d12	15.527	264	553319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2166736	131.05	ng	0.02
7) Phenol-d6	6.504	99	2795006	122.00	ng	0.00
23) Nitrobenzene-d5	7.427	82	2038339	89.56	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	799290	134.69	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	3031313	86.23	ng	-0.01
79) Terphenyl-d14	12.992	244	3215335	88.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.427	70	280942	18.51	ng	# 77
25) Isophorone	7.427	82	2038291	46.16	ng	# 69
32) Benzoic acid	8.151	122	300	4.57	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	68944	8.67	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	68944	6.50	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	45521	4.50	ng	# 1
77) Benzidine	12.992	184	47252	2.46	ng	98
89) Benzo(k)fluoranthene	15.109	252	122	Below Cal		# 4

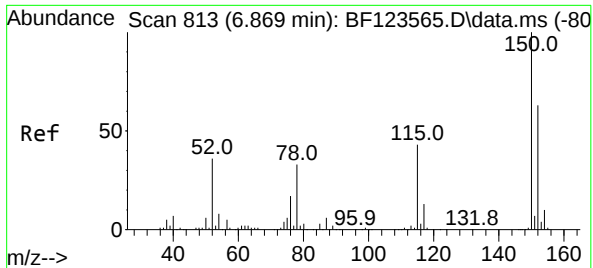
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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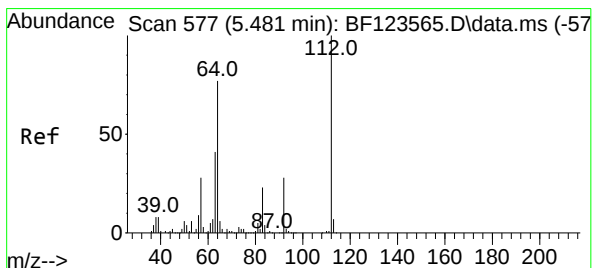
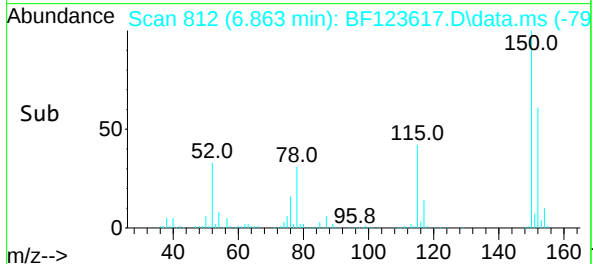
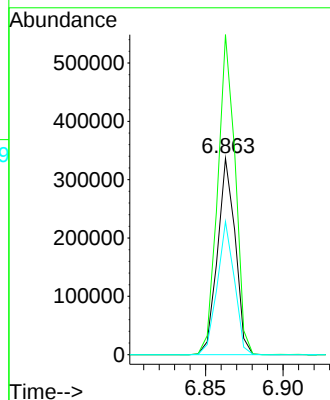
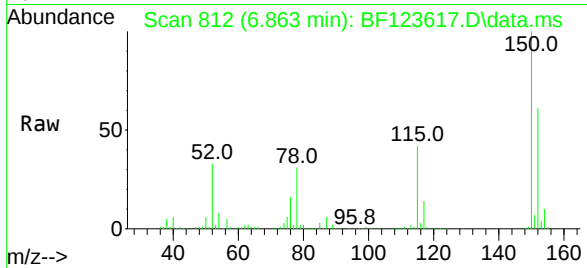




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

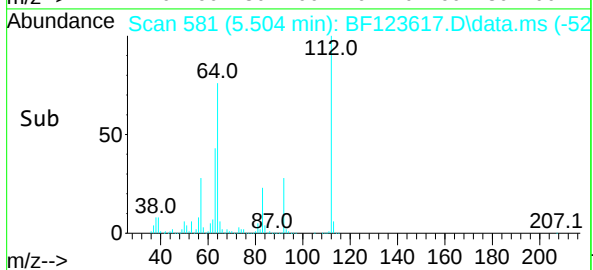
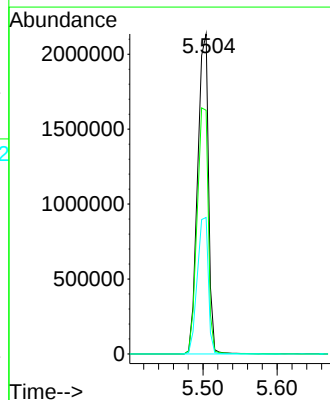
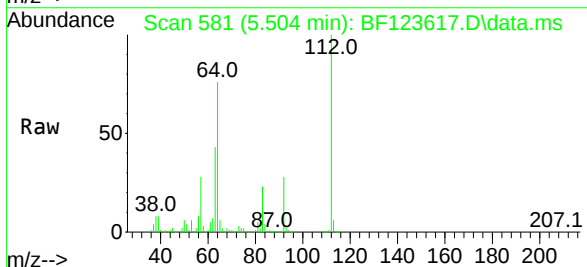
Instrument :
BNA_F
ClientSampleId :
PB135807BL

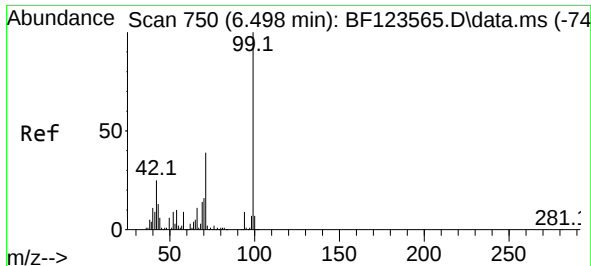
Tgt Ion:152 Resp: 267217
Ion Ratio Lower Upper
152 100
150 163.0 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 131.05 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion:112 Resp: 2166736
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 42.7 33.0 49.4

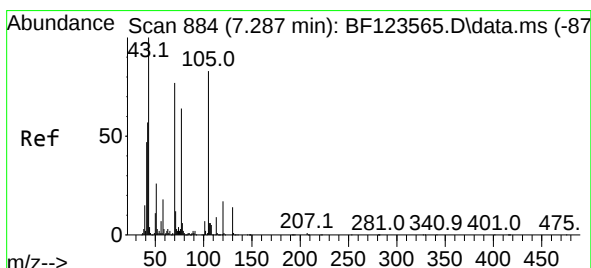
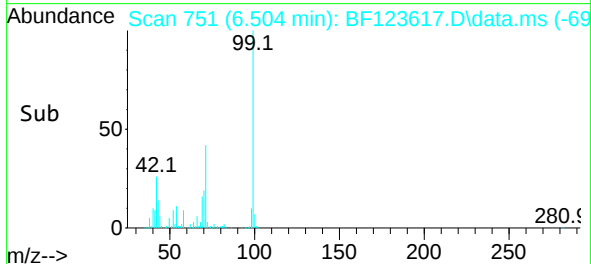
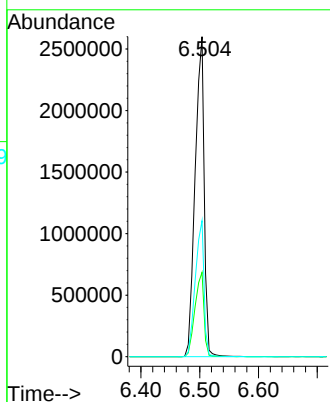
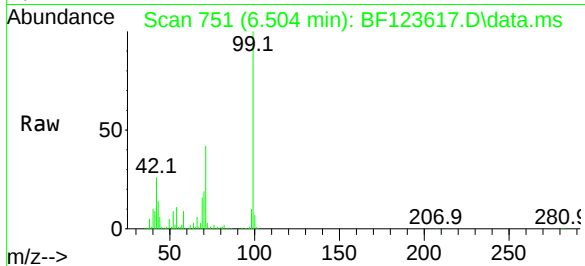




#7
Phenol-d6
Concen: 122.00 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

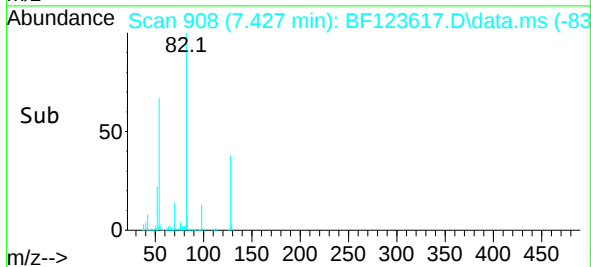
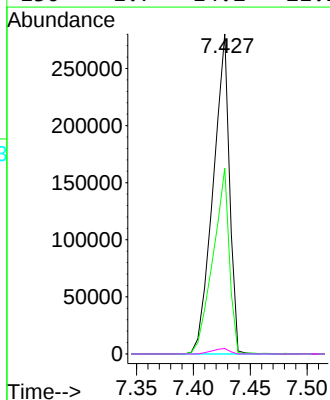
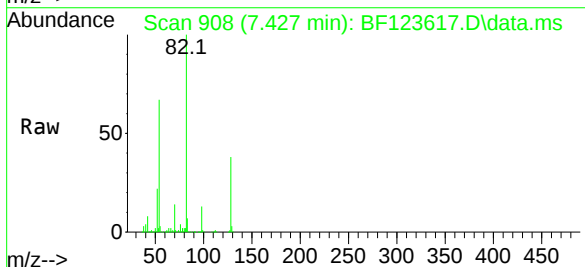
Instrument :
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ClientSampleId :
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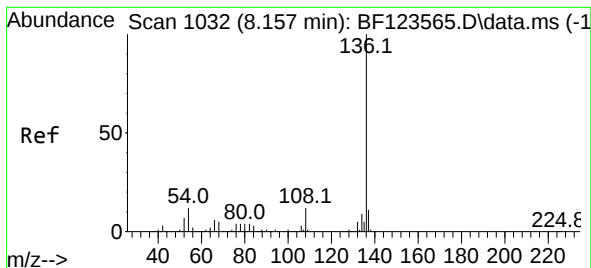
Tgt Ion: 99 Resp: 2795006
Ion Ratio Lower Upper
99 100
42 26.3 19.8 29.8
71 42.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.51 ng
RT: 7.427 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion: 70 Resp: 280942
Ion Ratio Lower Upper
70 100
42 58.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

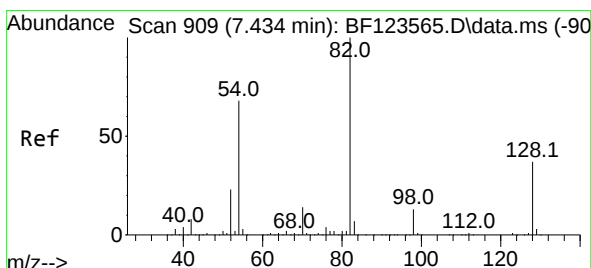
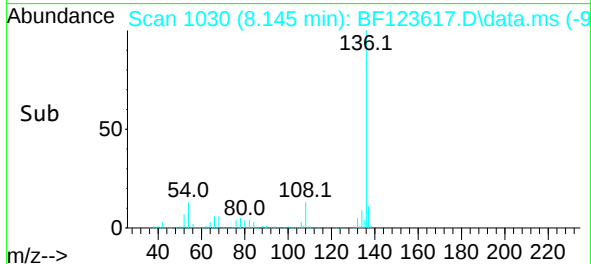
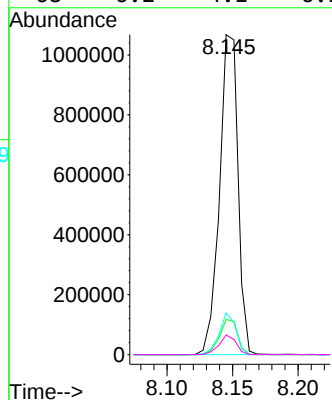
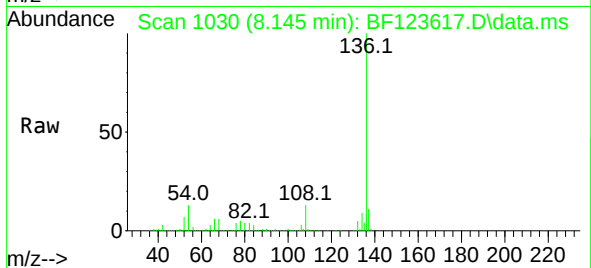




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

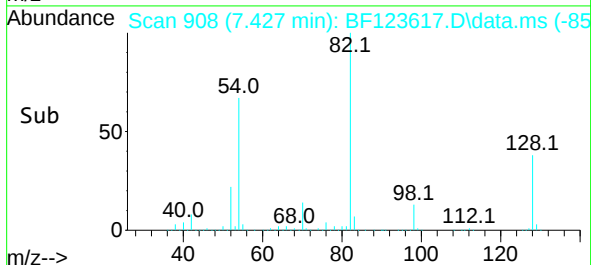
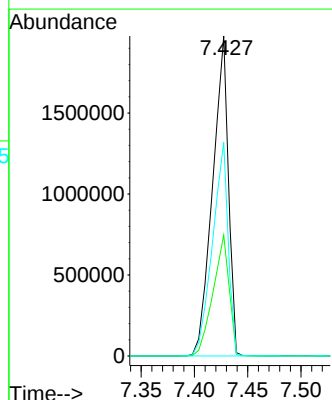
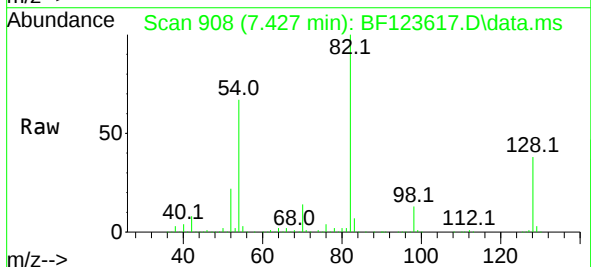
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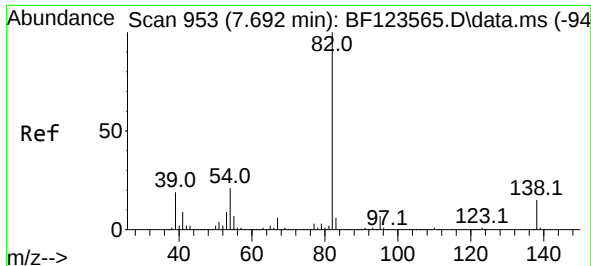
Tgt Ion:136 Resp: 1046277
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 13.1 9.8 14.6
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 89.56 ng
RT: 7.427 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion: 82 Resp: 2038339
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 66.8 54.1 81.1

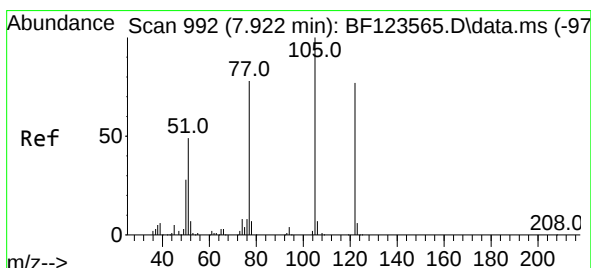
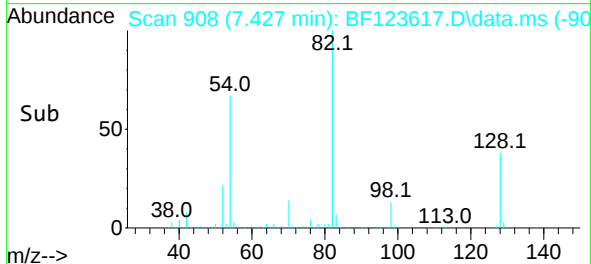
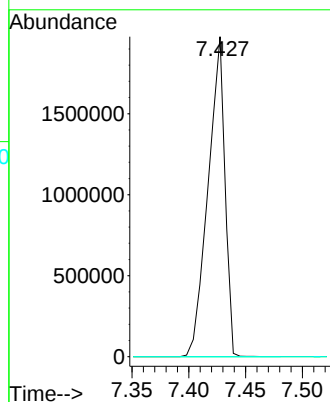
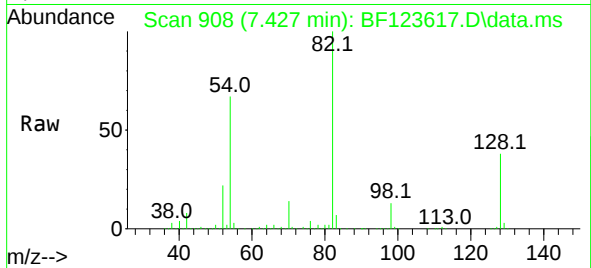




#25
Isophorone
Concen: 46.16 ng
RT: 7.427 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

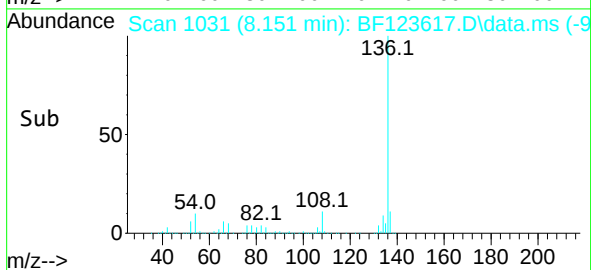
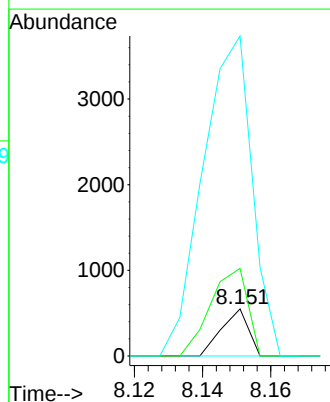
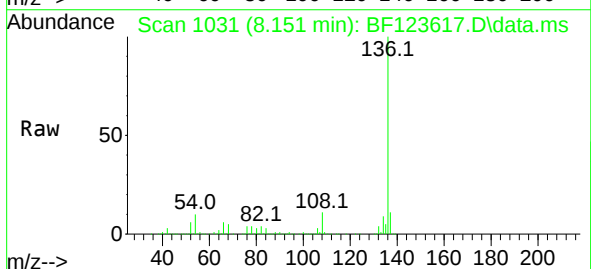
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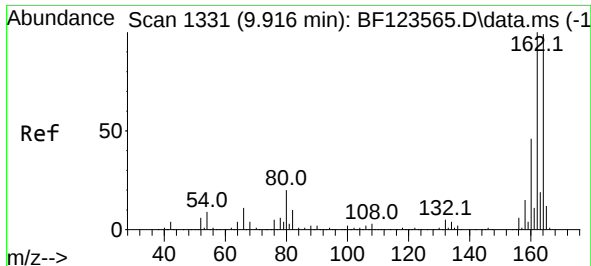
Tgt Ion: 82 Resp: 2038291
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.57 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.229 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion: 122 Resp: 300
Ion Ratio Lower Upper
122 100
105 186.0 107.8 147.8#
77 679.5 81.6 121.6#

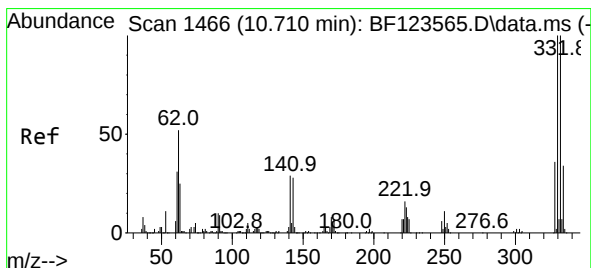
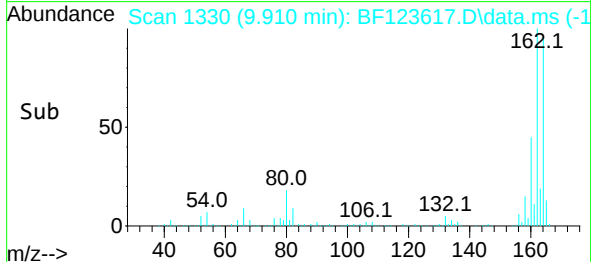
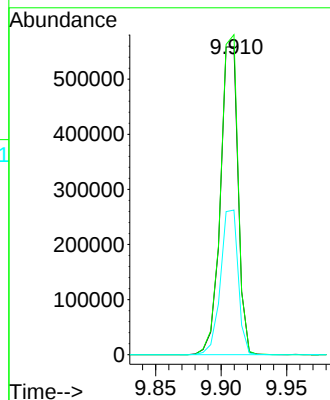
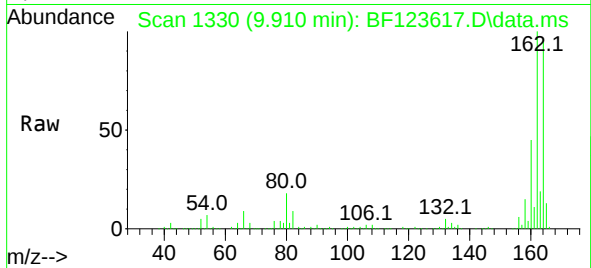




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

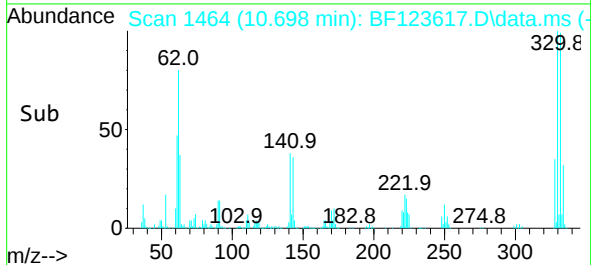
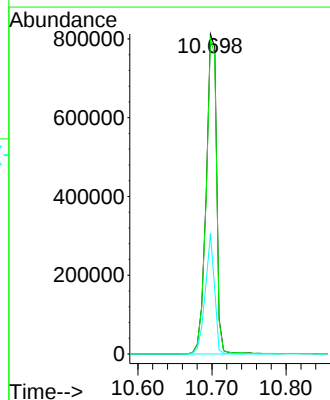
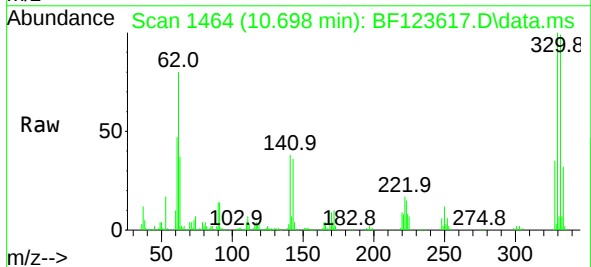
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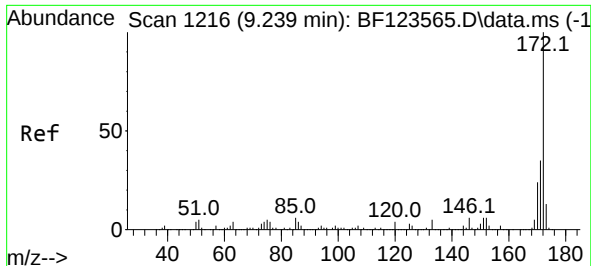
Tgt Ion:164 Resp: 524037
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 47.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 134.69 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion:330 Resp: 799290
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 33.2 27.9 41.9

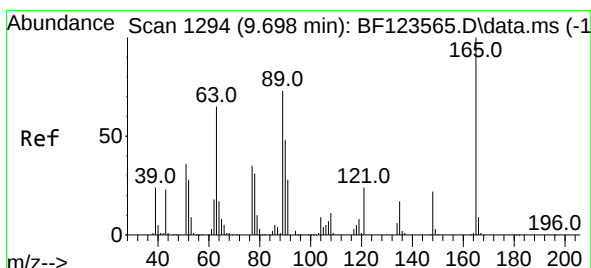
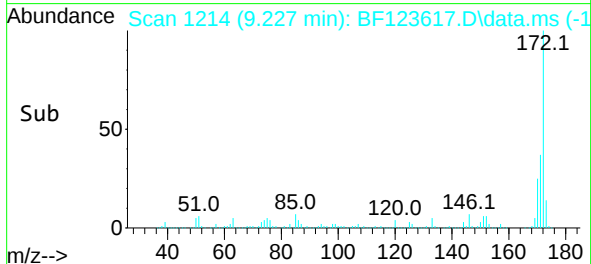
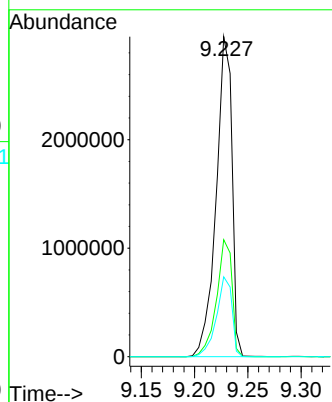
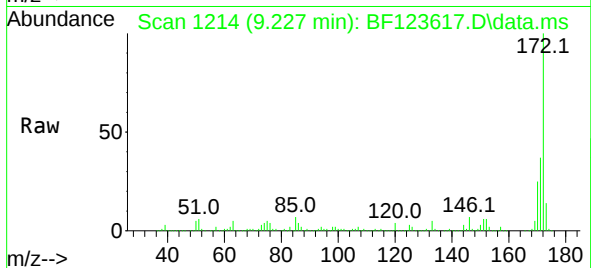




#45
2-Fluorobiphenyl
Concen: 86.23 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

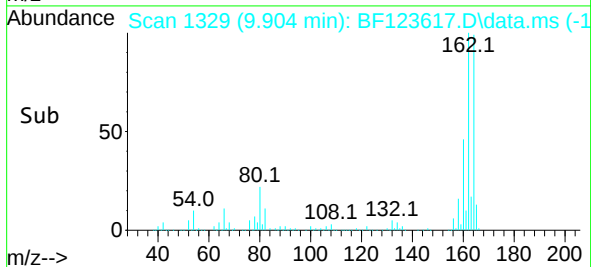
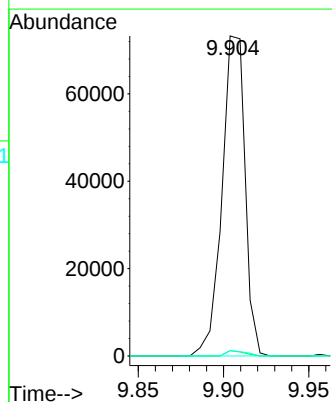
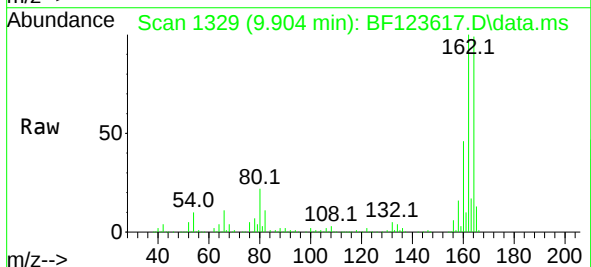
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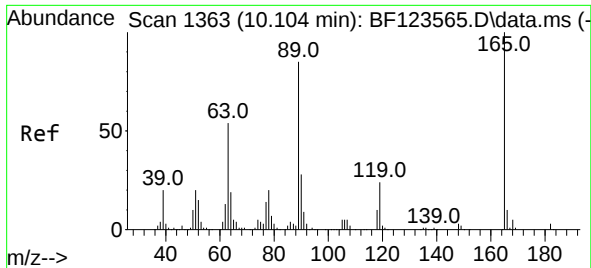
Tgt Ion:172 Resp: 3031313
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 25.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion:165 Resp: 68944
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 1.7 58.8 88.2#

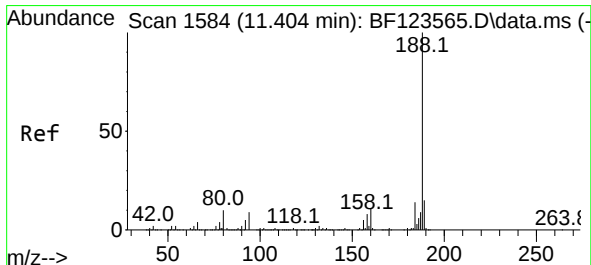
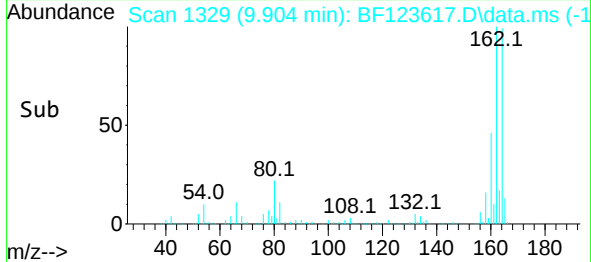
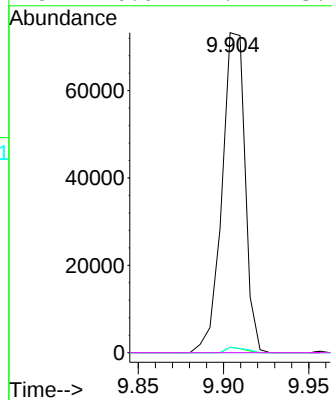
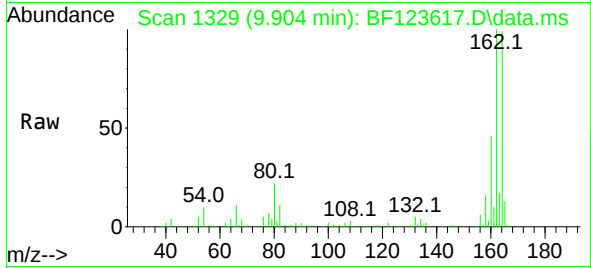




#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

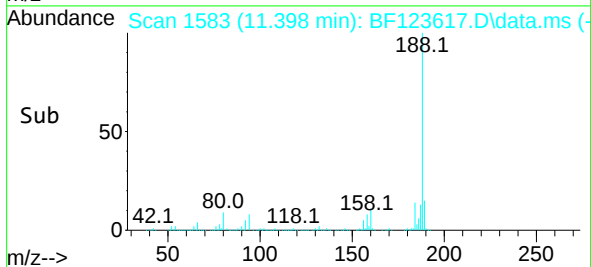
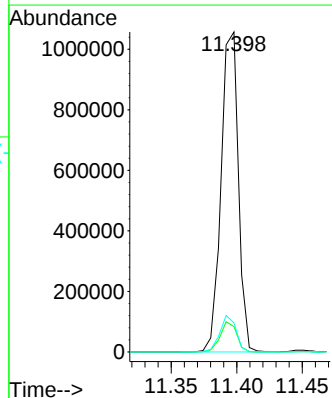
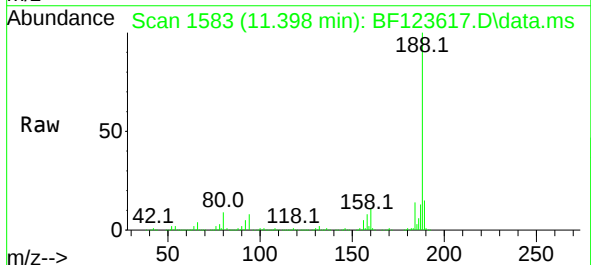
Instrument :
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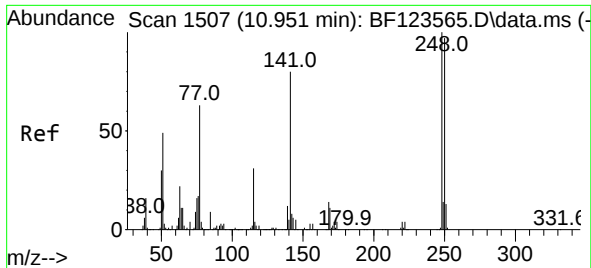
Tgt Ion:165 Resp: 68944
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

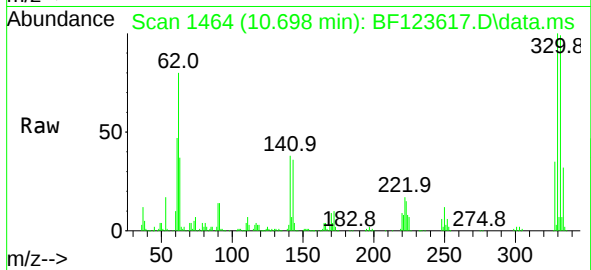
Tgt Ion:188 Resp: 968365
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 8.2 12.2



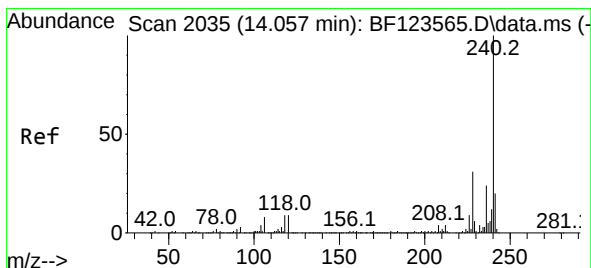
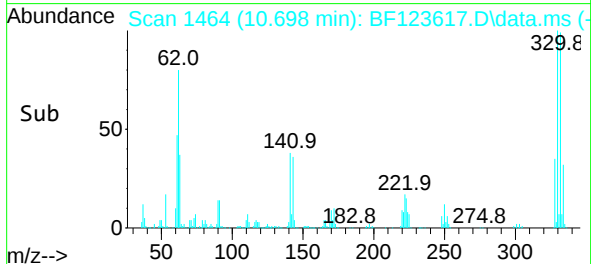
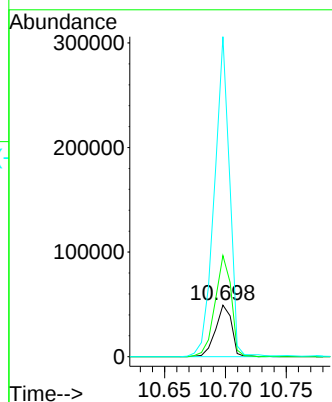


#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Instrument :
BNA_F
ClientSampleId :
PB135807BL

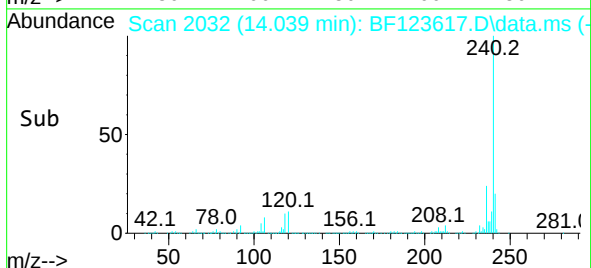
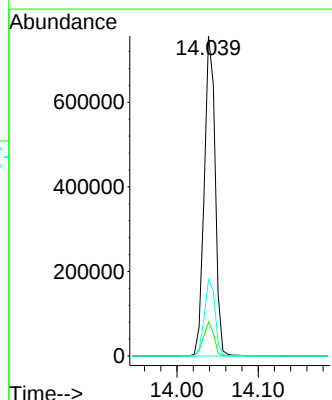
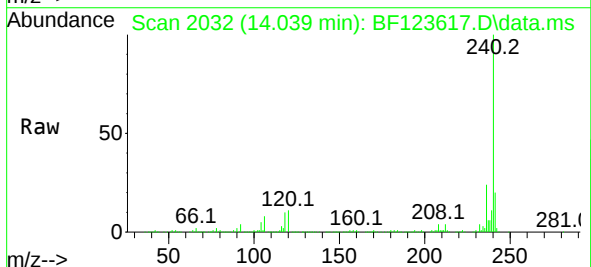


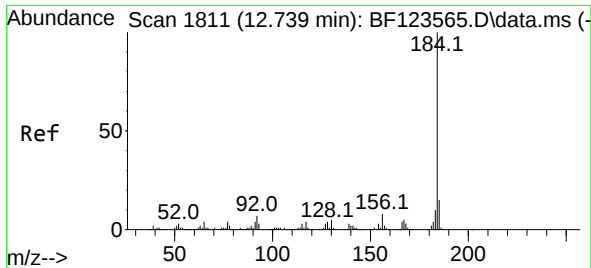
Tgt Ion:248 Resp: 45521
Ion Ratio Lower Upper
248 100
250 196.4 77.4 116.2#
141 621.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion:240 Resp: 706388
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.9 19.0 28.4

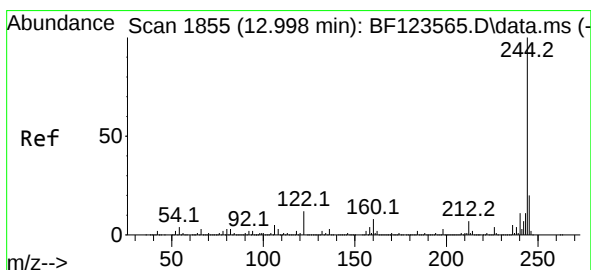
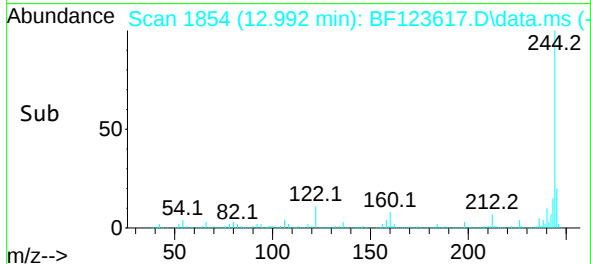
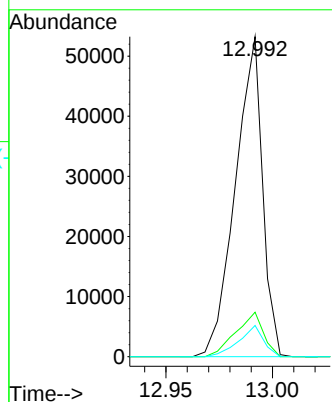
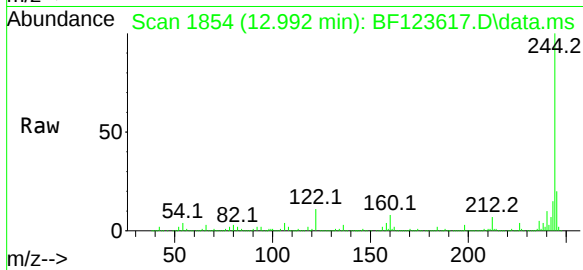




#77
Benzidine
Concen: 2.46 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.247 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

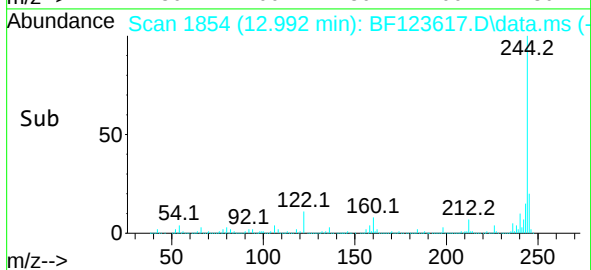
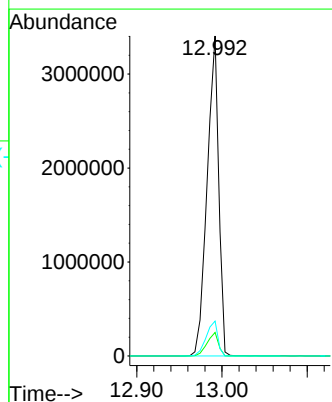
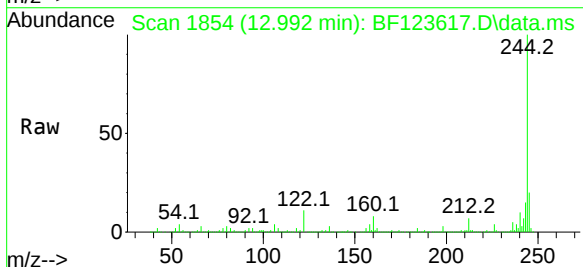
Instrument :
BNA_F
ClientSampleId :
PB135807BL

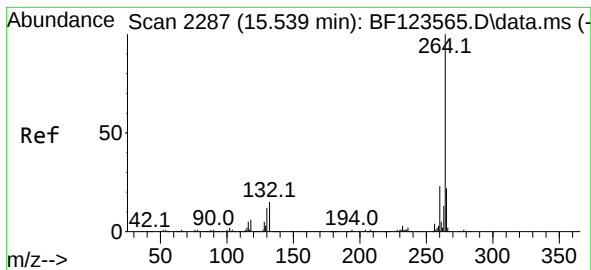
Tgt Ion:184 Resp: 47252
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 9.8 7.8 11.8



#79
Terphenyl-d14
Concen: 88.47 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123617.D
Acq: 19 Apr 2021 12:05

Tgt Ion:244 Resp: 3215335
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF123617.D
 Acq: 19 Apr 2021 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB135807BL

Tgt Ion:264 Resp: 553319
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.7 28.1
 265 22.0 17.8 26.8

