

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123517.D
 Acq On : 30 Mar 2021 12:07
 Operator : JU/CG
 Sample : PB135378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135378BL

Quant Time: Mar 30 12:41:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 30 11:51:25 2021
 Response via : Initial Calibration

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

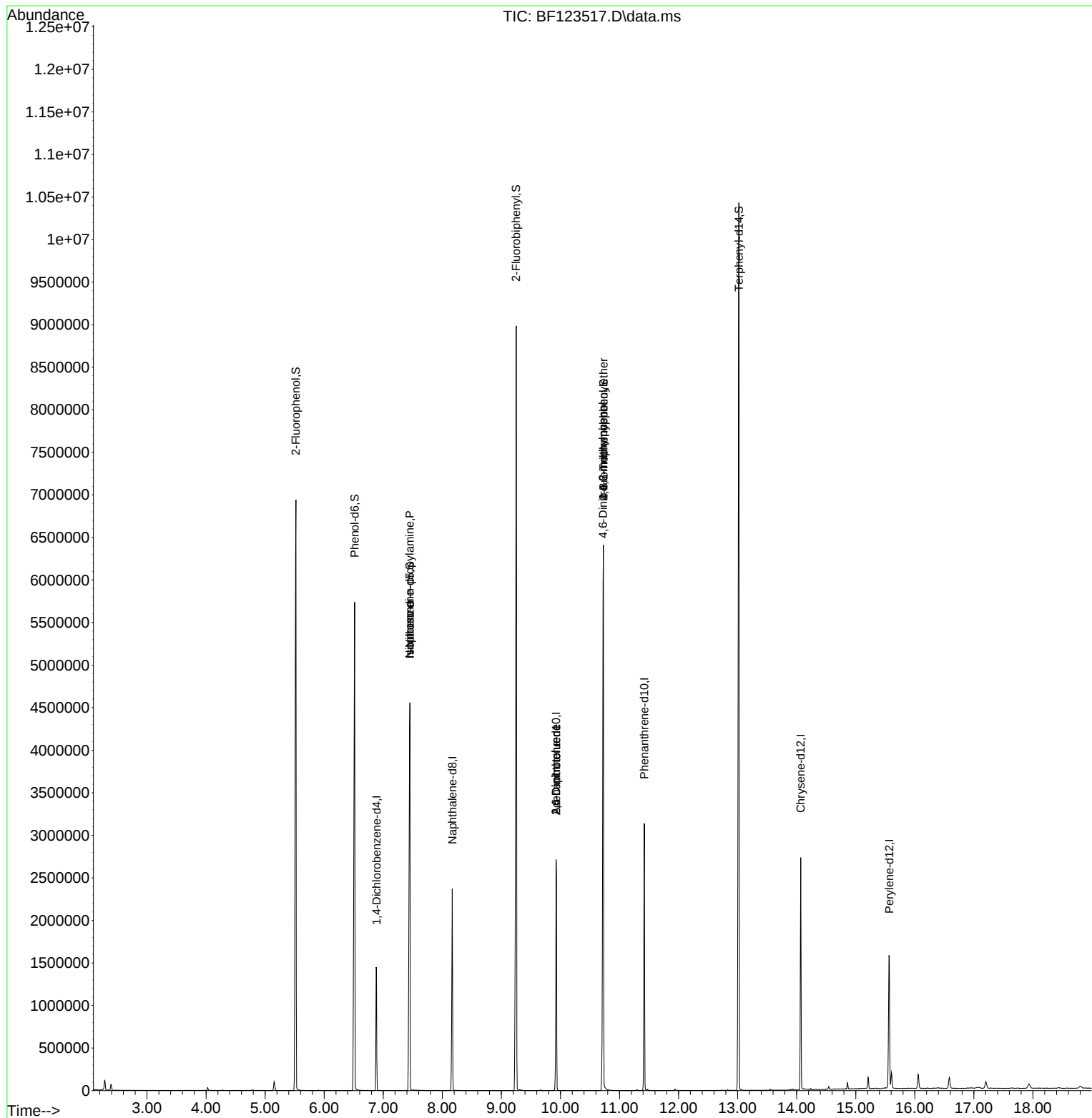
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	226077	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	1050370	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	615611	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	1116454	20.00	ng	0.00
76) Chrysene-d12	14.068	240	897379	20.00	ng	0.00
86) Perylene-d12	15.568	264	794930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2002129	144.88	ng	0.02
7) Phenol-d6	6.516	99	2079094	113.02	ng	0.00
23) Nitrobenzene-d5	7.451	82	1798622	92.42	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	945446	137.37	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3304695	76.69	ng	0.00
79) Terphenyl-d14	13.021	244	3886131	73.39	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	3321	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	249939	21.01	ng	# 84
25) Isophorone	7.451	82	1756482	41.98	ng	# 65
51) 2,6-Dinitrotoluene	9.927	165	80432	8.81	ng	# 31
57) 2,4-Dinitrotoluene	9.927	165	80432	7.06	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	1869	5.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	56286	4.26	ng	# 1

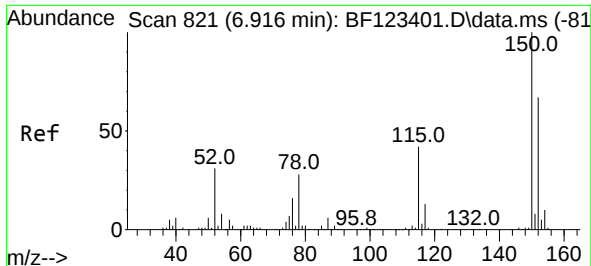
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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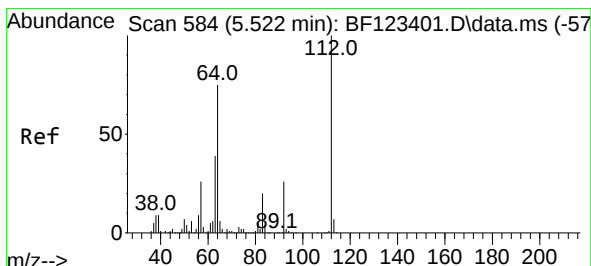
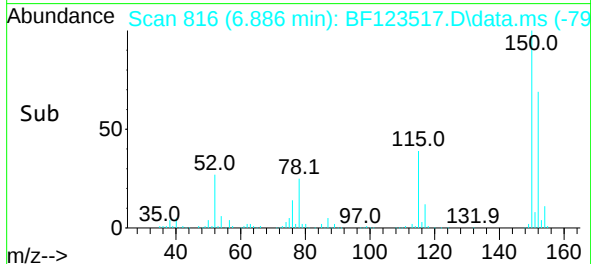
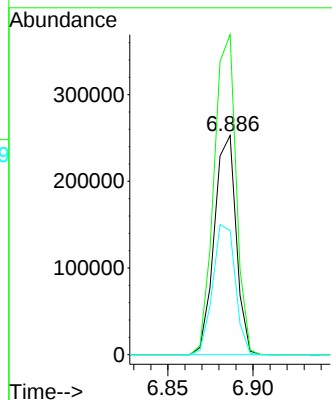
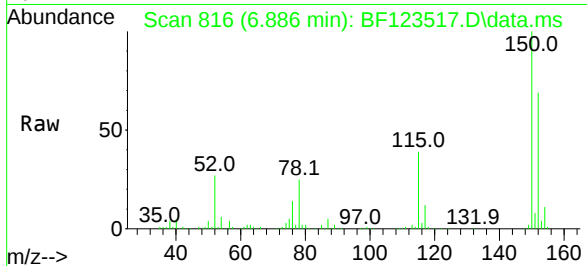




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.001 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

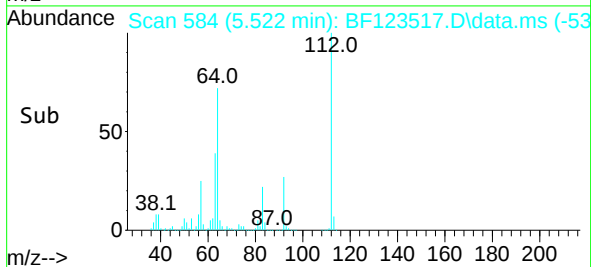
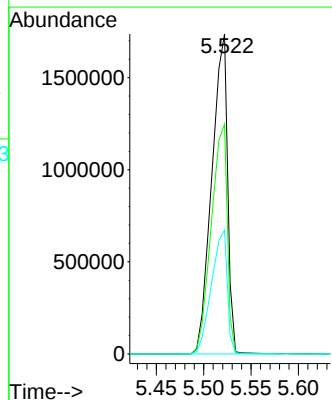
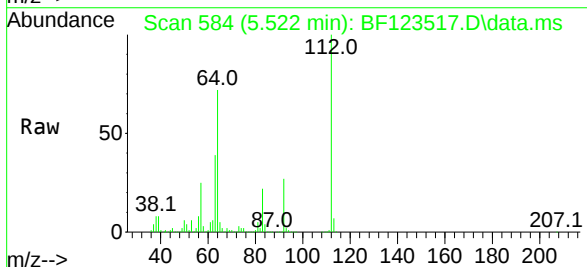
Instrument :
BNA_F
ClientSampleId :
PB135378BL

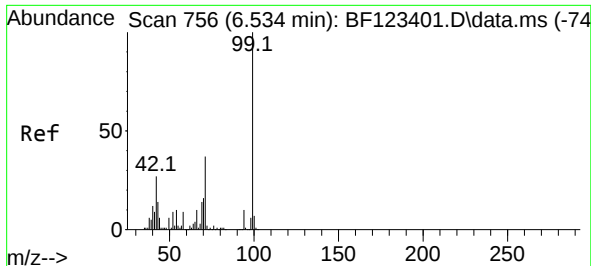
Tgt Ion:152 Resp: 226077
Ion Ratio Lower Upper
152 100
150 146.0 125.8 188.6
115 56.6 49.3 73.9



#5
2-Fluorophenol
Concen: 144.88 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:112 Resp: 2002129
Ion Ratio Lower Upper
112 100
64 71.8 46.9 70.3#
63 38.7 24.5 36.7#

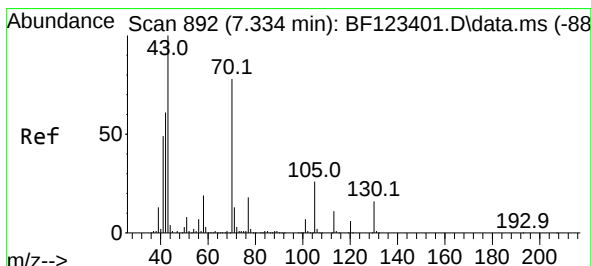
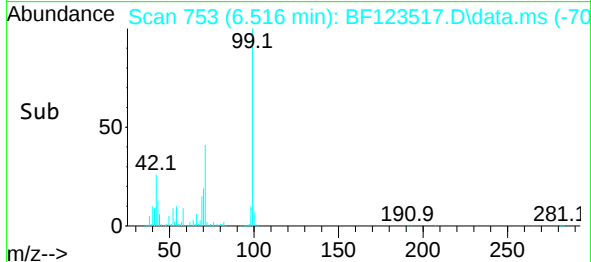
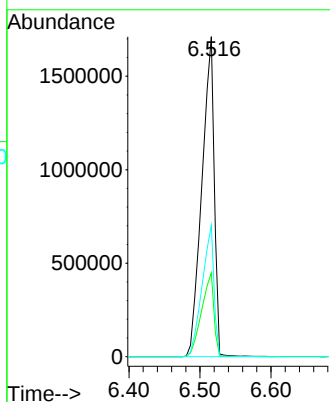
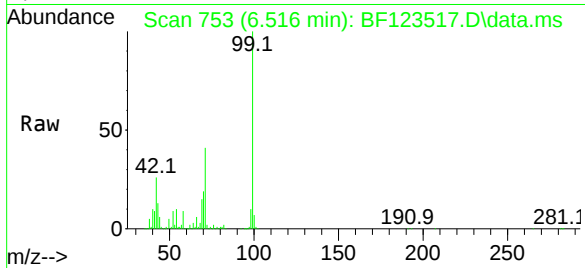




#7
Phenol-d6
Concen: 113.02 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

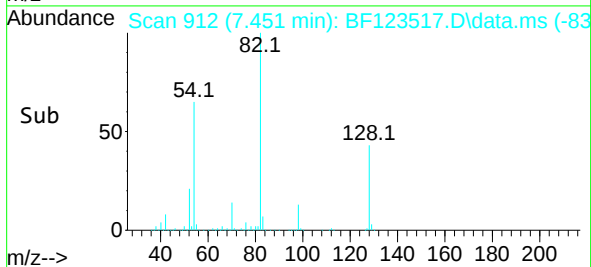
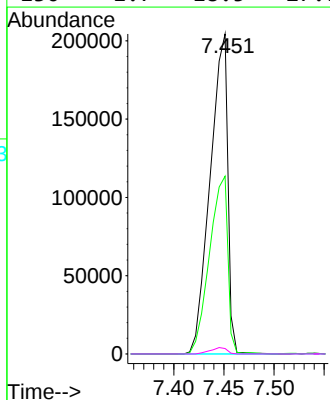
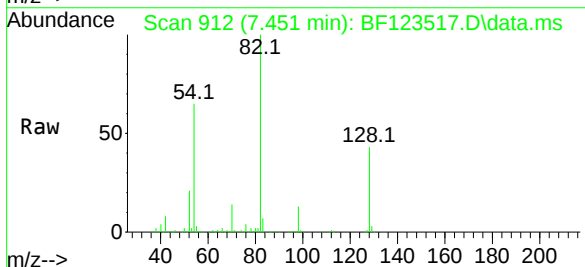
Instrument :
BNA_F
ClientSampleId :
PB135378BL

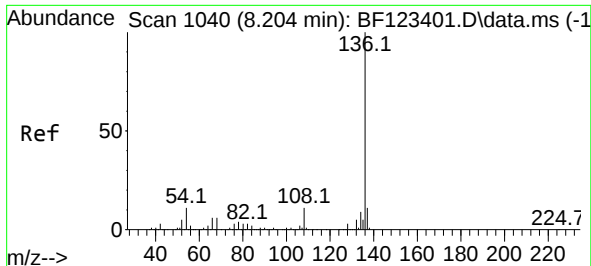
Tgt Ion: 99 Resp: 2079094
Ion Ratio Lower Upper
99 100
42 26.2 13.8 20.6#
71 41.0 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.01 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

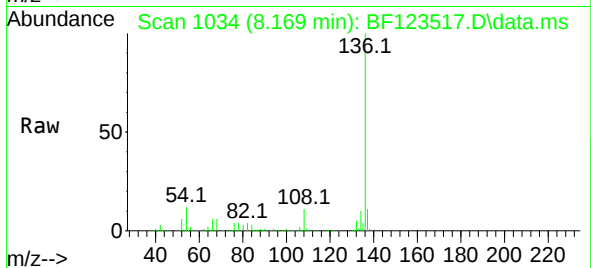
Tgt Ion: 70 Resp: 249939
Ion Ratio Lower Upper
70 100
42 55.6 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



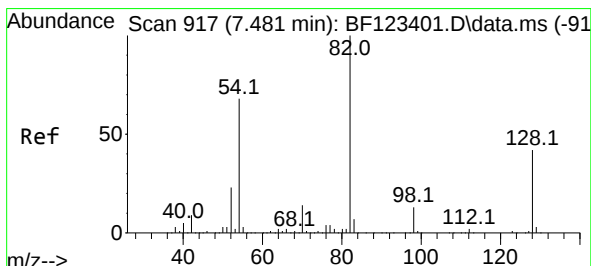
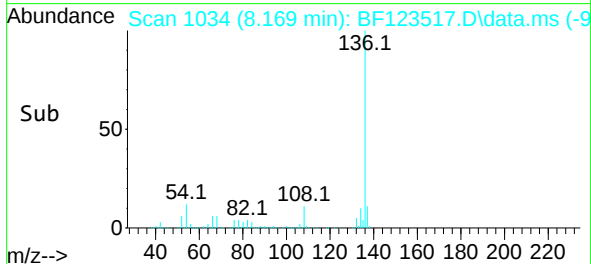
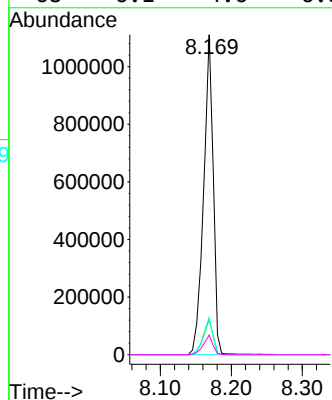


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Instrument :
BNA_F
ClientSampleId :
PB135378BL

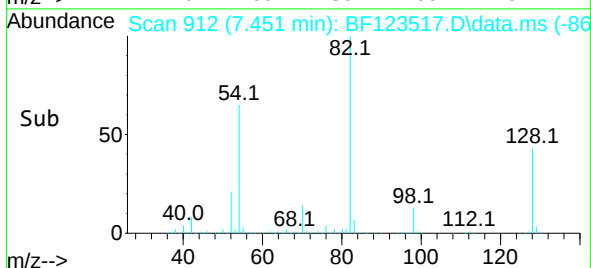
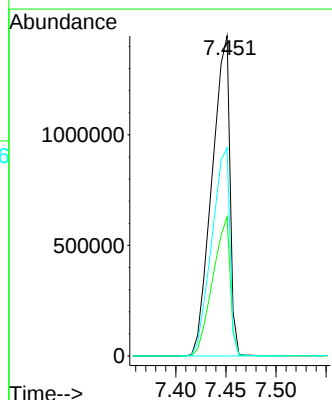
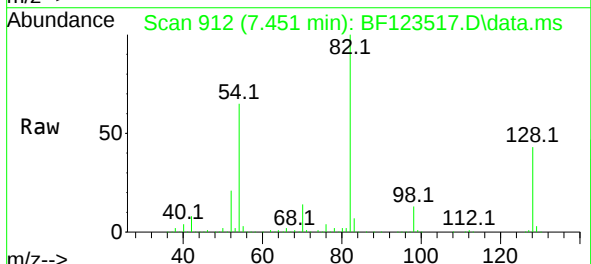


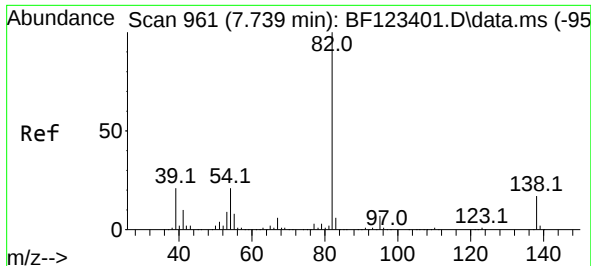
Tgt Ion:136 Resp: 1050370
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.5 5.5 8.3#
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.42 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

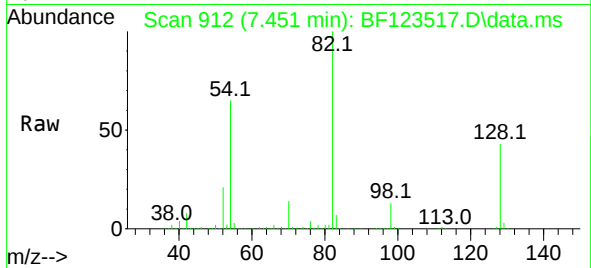
Tgt Ion: 82 Resp: 1798622
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 65.1 38.4 57.6#



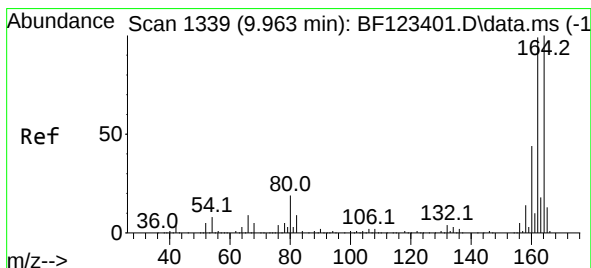
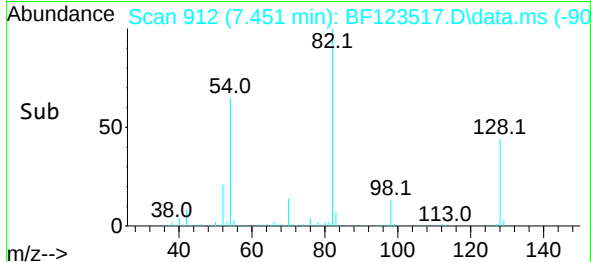
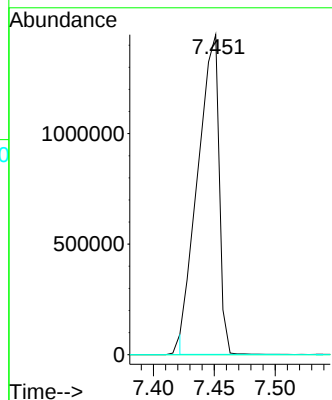


#25
Isophorone
Concen: 41.98 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Instrument :
BNA_F
ClientSampleId :
PB135378BL

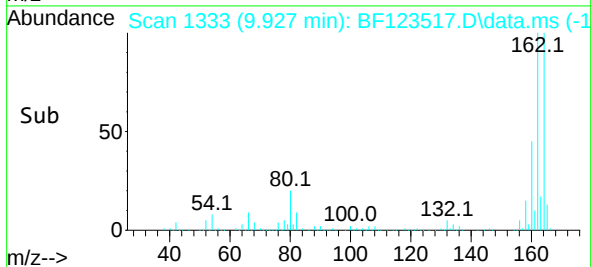
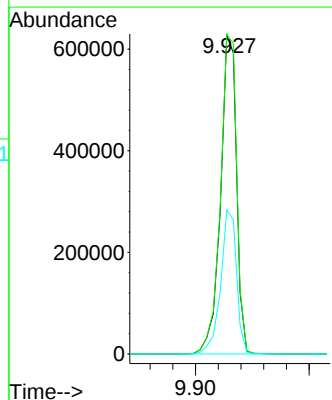
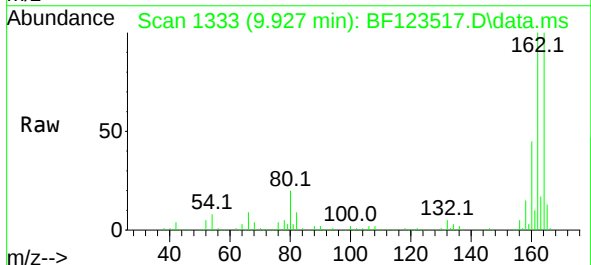


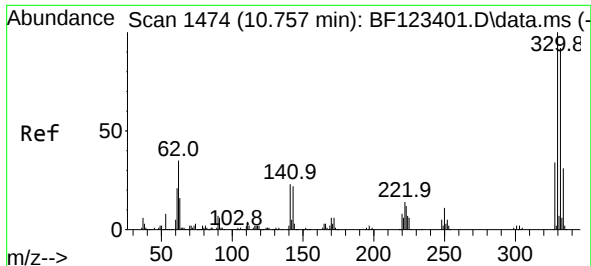
Tgt Ion: 82 Resp: 1756482
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:164 Resp: 615611
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 45.2 35.4 53.0

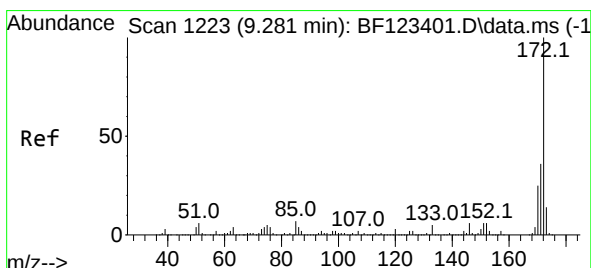
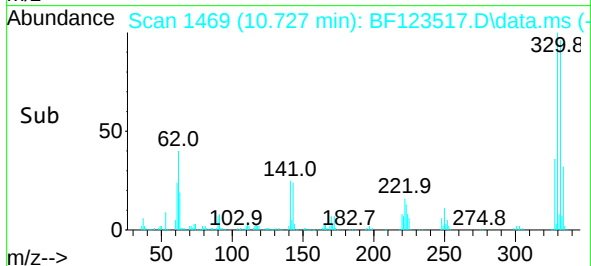
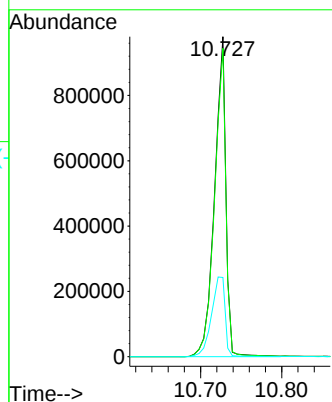
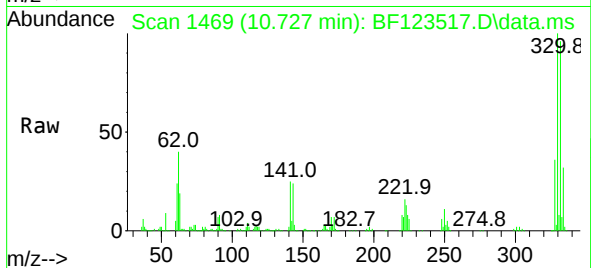




#42
2,4,6-Tribromophenol
Concen: 137.37 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

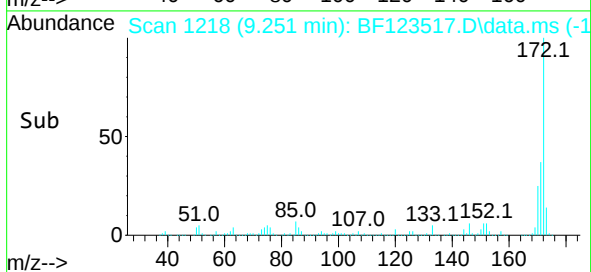
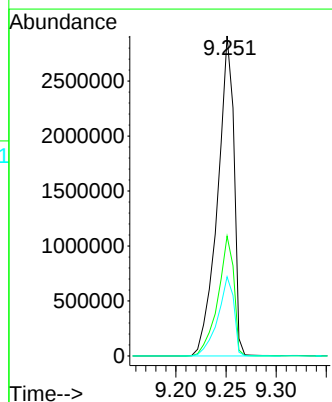
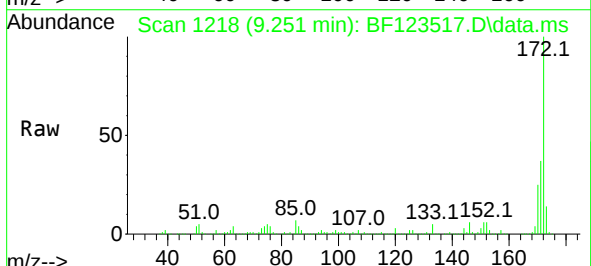
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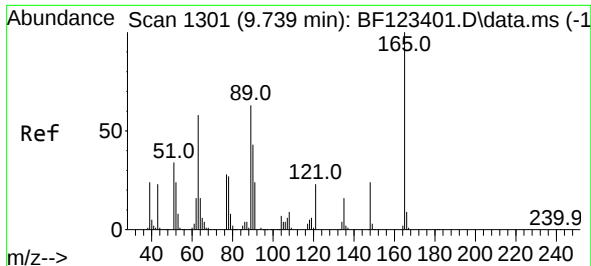
Tgt Ion:330 Resp: 945446
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 30.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.69 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:172 Resp: 3304695
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.8 19.5 29.3

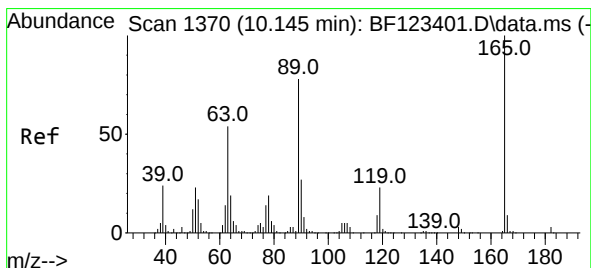
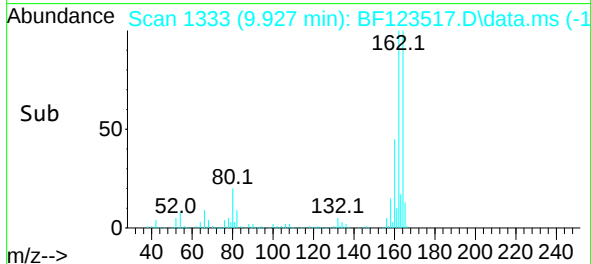
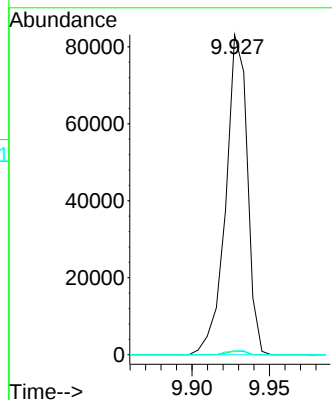
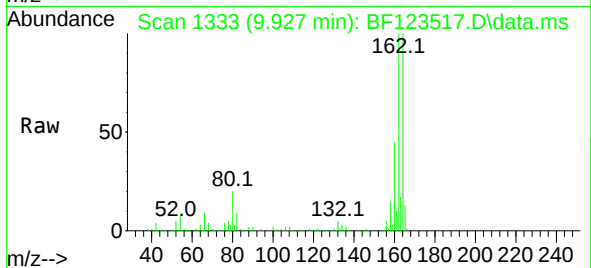




#51
2,6-Dinitrotoluene
Concen: 8.81 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

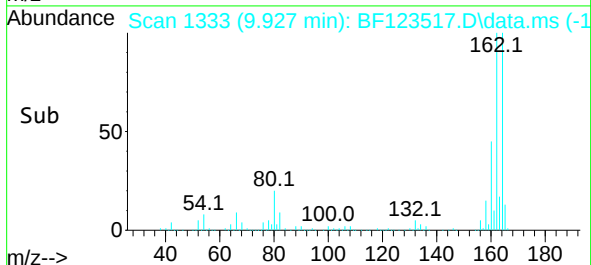
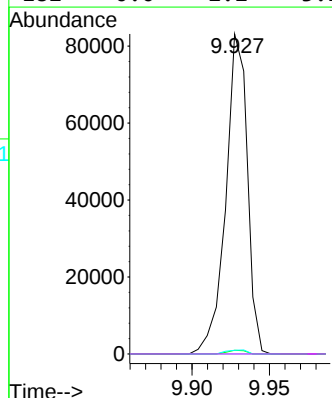
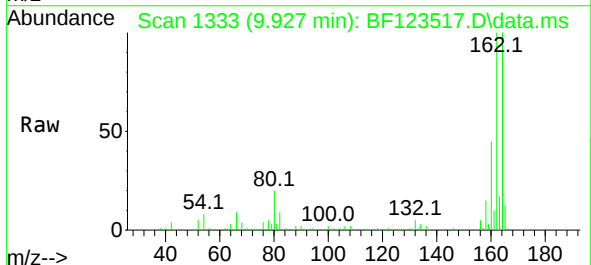
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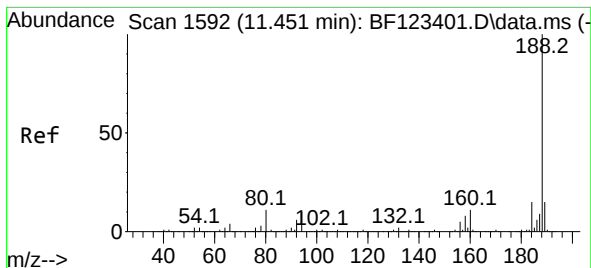
Tgt Ion:165 Resp: 80432
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:165 Resp: 80432
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

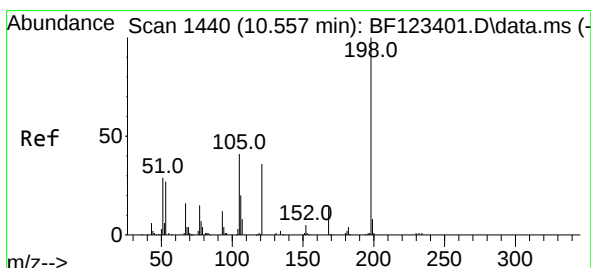
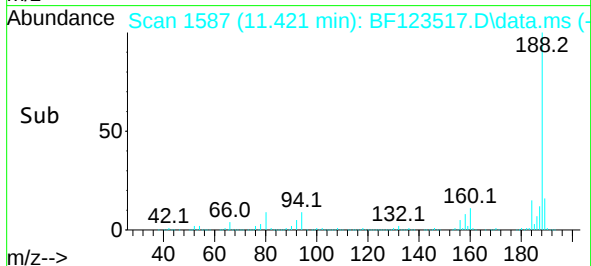
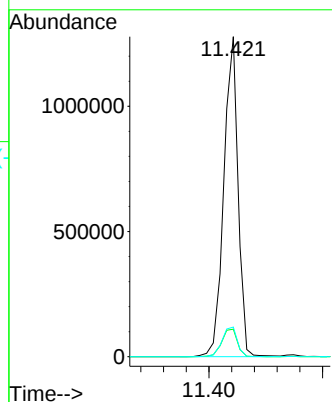
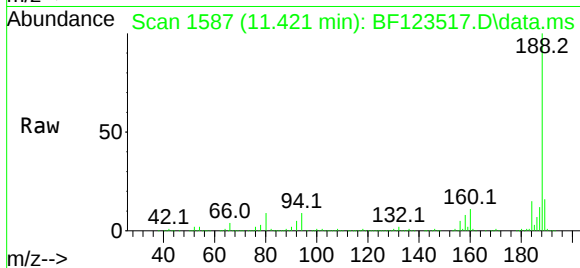




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

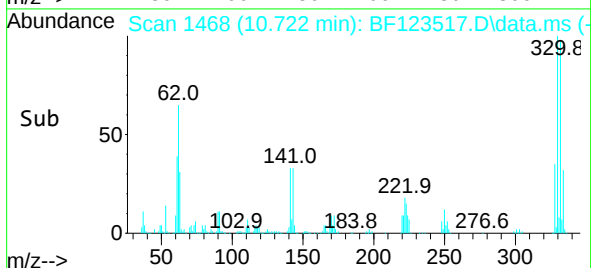
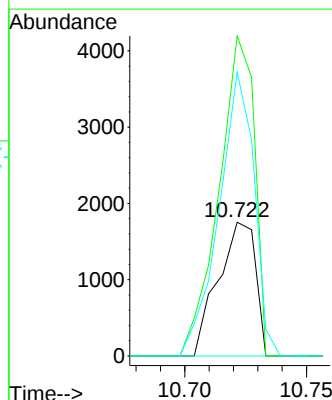
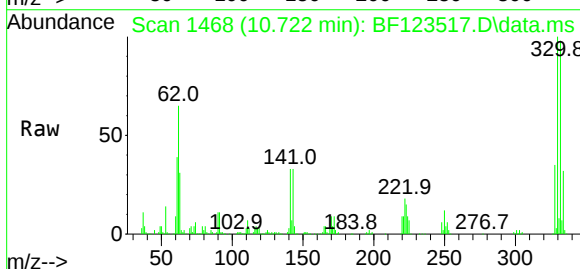
Instrument :
BNA_F
ClientSampleId :
PB135378BL

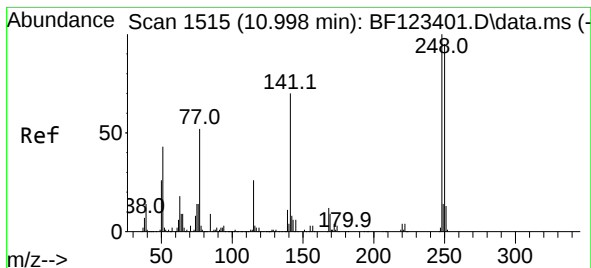
Tgt Ion:188 Resp: 1116454
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.40 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:198 Resp: 1869
Ion Ratio Lower Upper
198 100
51 239.2 20.3 60.3#
105 212.4 23.0 63.0#

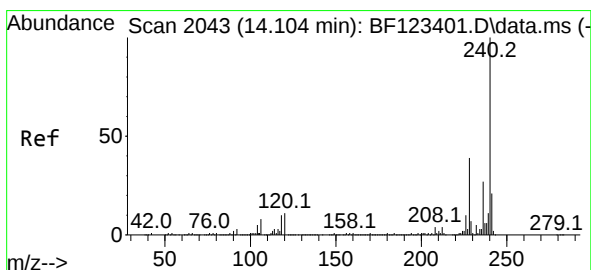
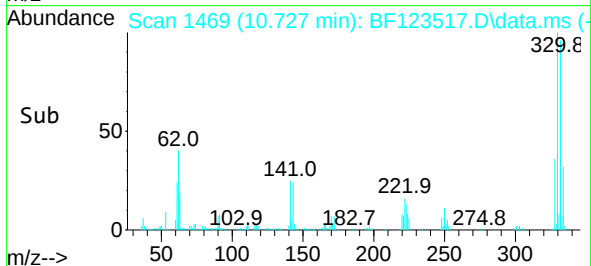
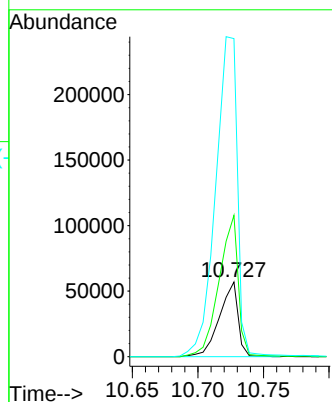
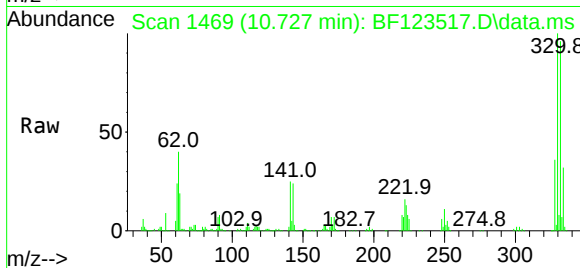




#67
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

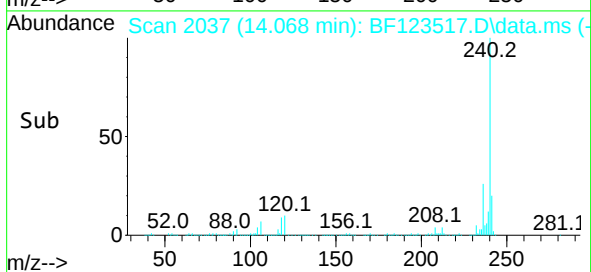
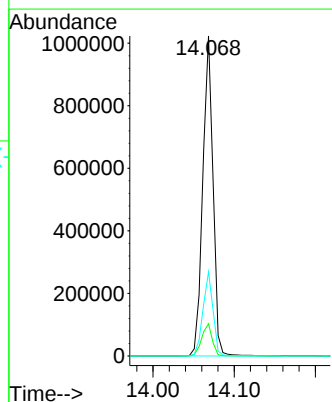
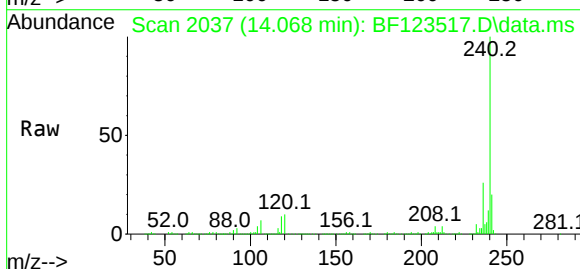
Instrument :
BNA_F
ClientSampleId :
PB135378BL

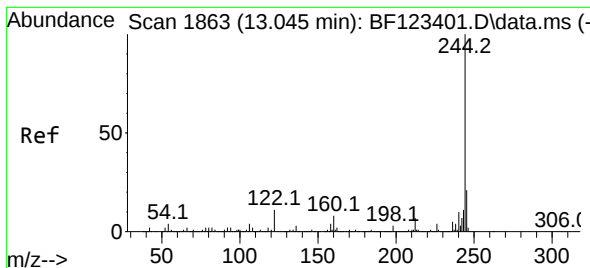
Tgt Ion:248 Resp: 56286
Ion Ratio Lower Upper
248 100
250 188.9 76.8 115.2#
141 425.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123517.D
Acq: 30 Mar 2021 12:07

Tgt Ion:240 Resp: 897379
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 73.39 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123517.D

Acq: 30 Mar 2021 12:07

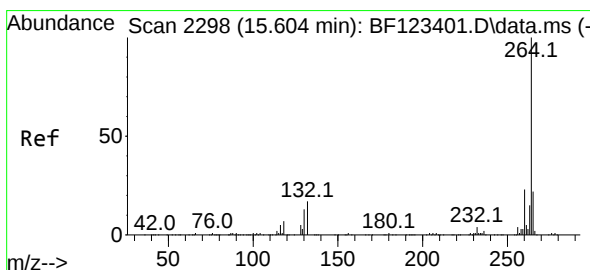
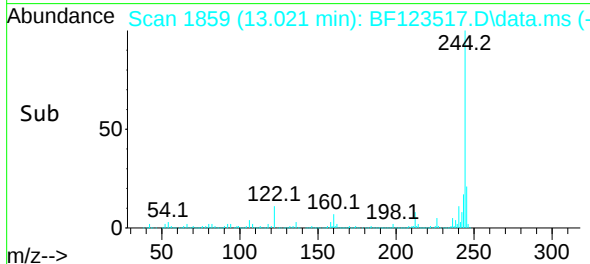
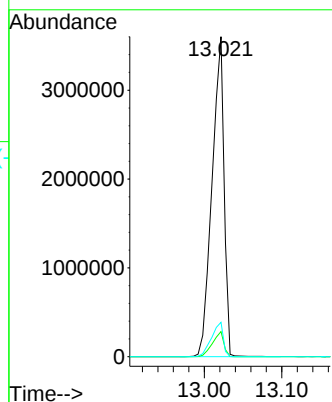
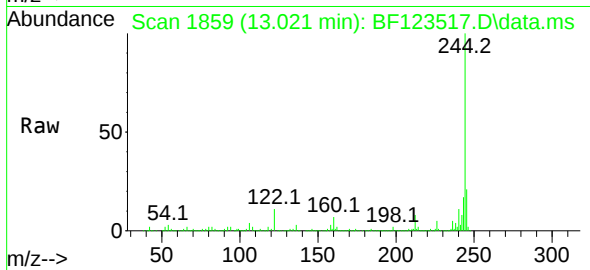
Tgt Ion:244 Resp: 3886131

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 10.7 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.568 min Scan# 2292

Delta R.T. -0.000 min

Lab File: BF123517.D

Acq: 30 Mar 2021 12:07

Tgt Ion:264 Resp: 794930

Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 21.1 17.0 25.6

