

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123484.D
 Acq On : 26 Mar 2021 13:49
 Operator : JU/CG
 Sample : PB135294BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135294BL

Quant Time: Mar 26 14:12:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

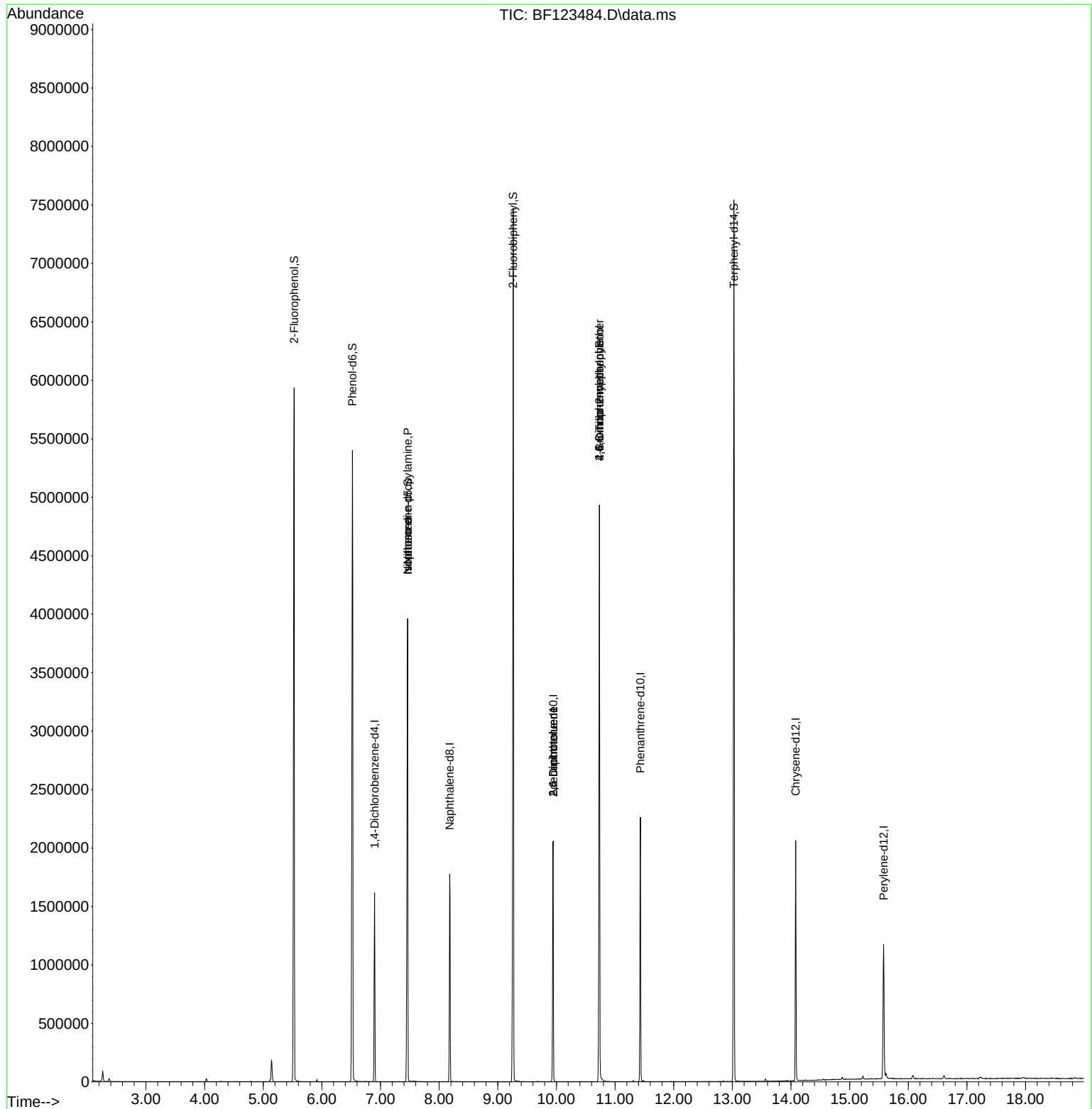
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	219136	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	796405	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	452314	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	800090	20.00	ng	0.00
76) Chrysene-d12	14.080	240	655576	20.00	ng	0.00
86) Perylene-d12	15.580	264	565113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1564672	116.81	ng	0.01
7) Phenol-d6	6.522	99	1975593	110.79	ng	0.00
23) Nitrobenzene-d5	7.463	82	1309692	88.76	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	616536	121.92	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2350361	74.24	ng	0.00
79) Terphenyl-d14	13.027	244	2741517	70.87	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	3047	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	182342	15.81	ng	# 82
25) Isophorone	7.463	82	1307613	41.22	ng	# 65
51) 2,6-Dinitrotoluene	9.945	165	57784	8.61	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	57784	6.90	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1253	5.38	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	35318	3.73	ng	# 1

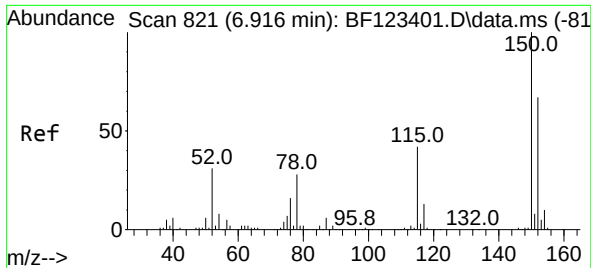
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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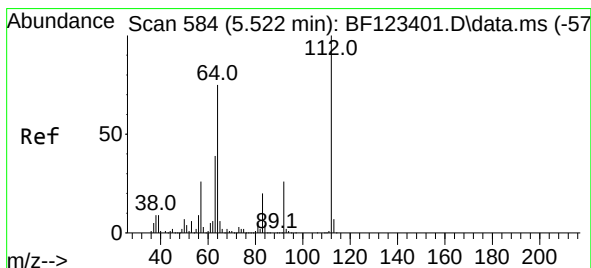
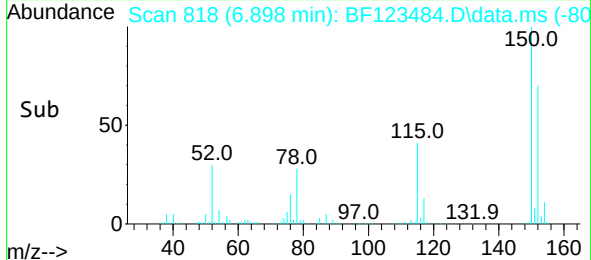
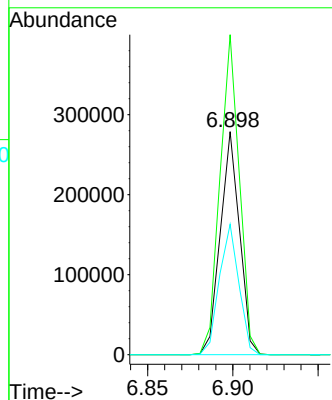
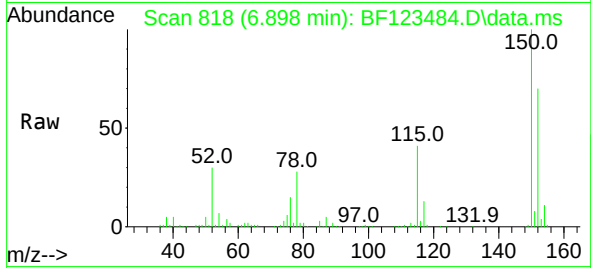




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF123484.D
 Acq: 26 Mar 2021 13:49

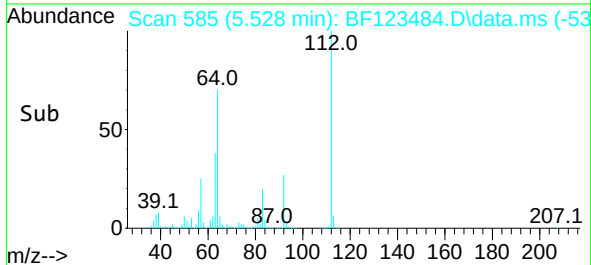
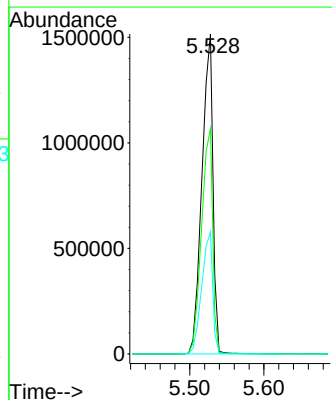
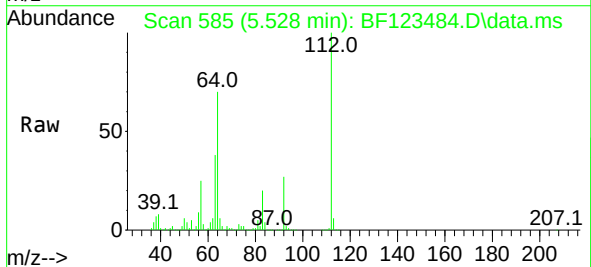
Instrument :
 BNA_F
 ClientSampleId :
 PB135294BL

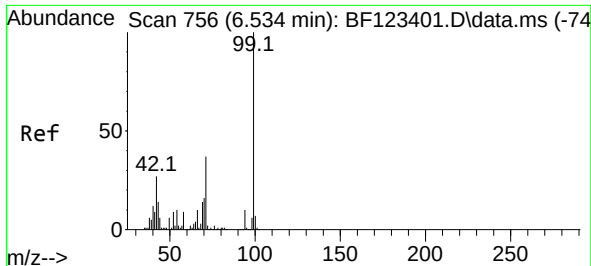
Tgt Ion:152 Resp: 219136
 Ion Ratio Lower Upper
 152 100
 150 143.5 125.8 188.6
 115 58.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 116.81 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.012 min
 Lab File: BF123484.D
 Acq: 26 Mar 2021 13:49

Tgt Ion:112 Resp: 1564672
 Ion Ratio Lower Upper
 112 100
 64 70.4 46.9 70.3#
 63 38.2 24.5 36.7#

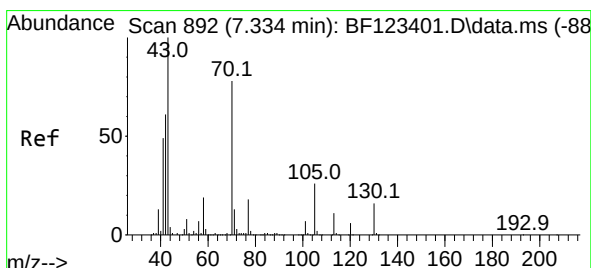
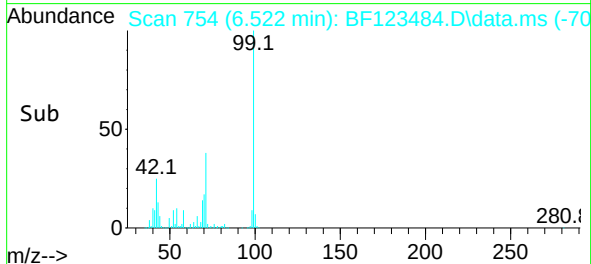
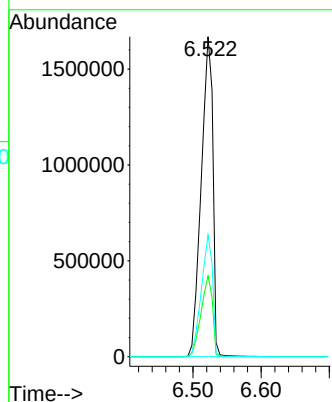
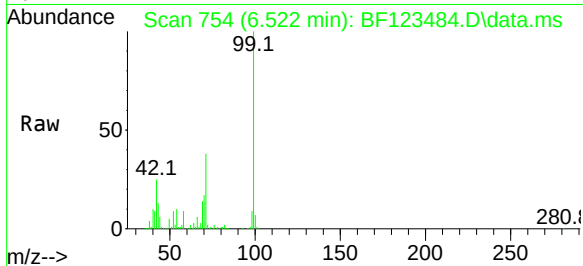




#7
Phenol-d6
Concen: 110.79 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

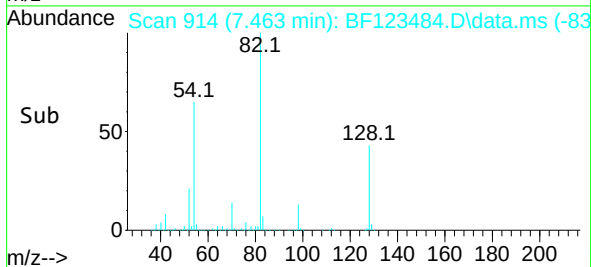
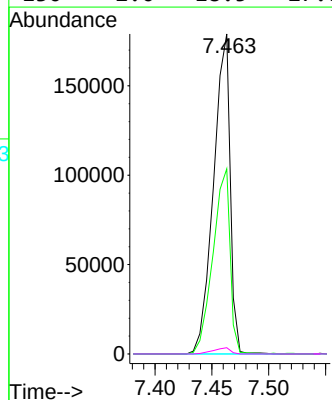
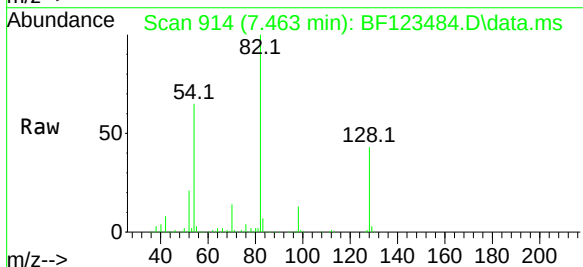
Instrument :
BNA_F
ClientSampleId :
PB135294BL

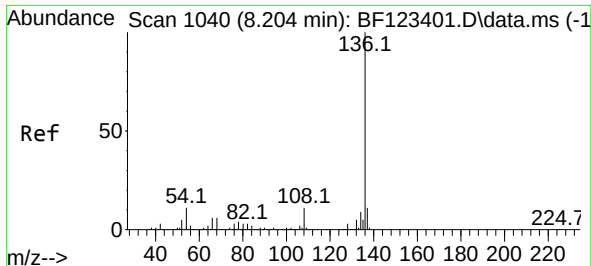
Tgt Ion: 99 Resp: 1975593
Ion Ratio Lower Upper
99 100
42 25.3 13.8 20.6#
71 38.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.81 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

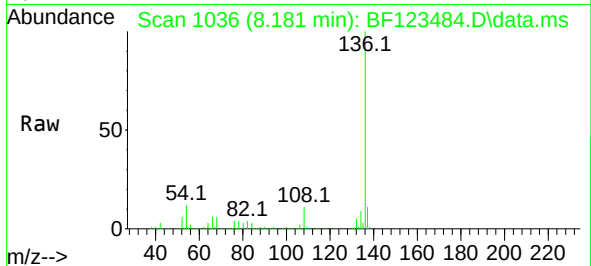
Tgt Ion: 70 Resp: 182342
Ion Ratio Lower Upper
70 100
42 57.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



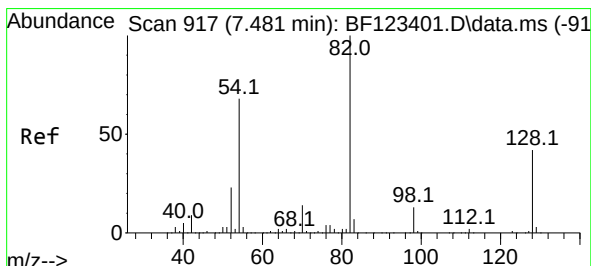
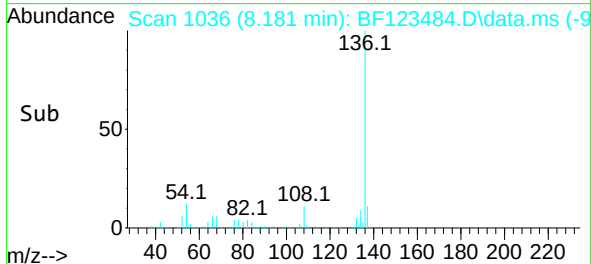
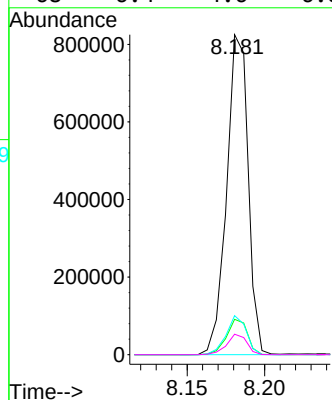


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Instrument :
BNA_F
ClientSampleId :
PB135294BL

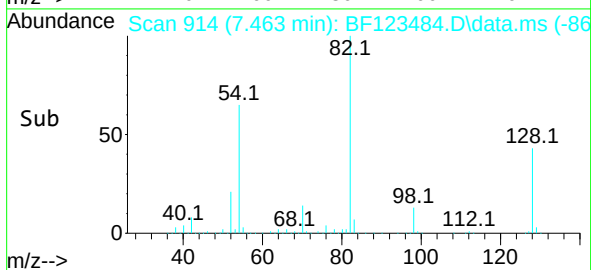
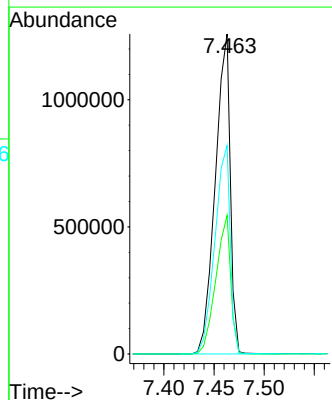
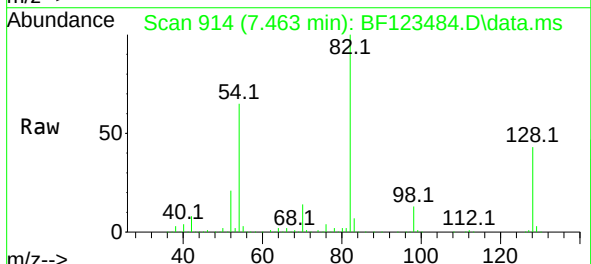


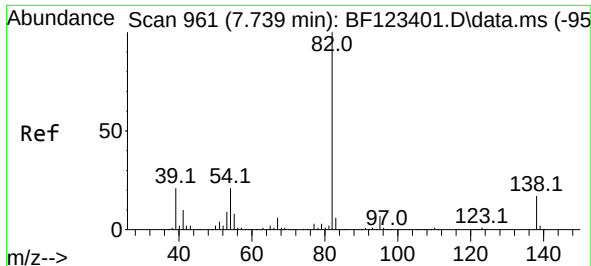
Tgt Ion:136 Resp: 796405
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.2 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.76 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion: 82 Resp: 1309692
Ion Ratio Lower Upper
82 100
128 43.3 37.0 55.4
54 65.2 38.4 57.6#

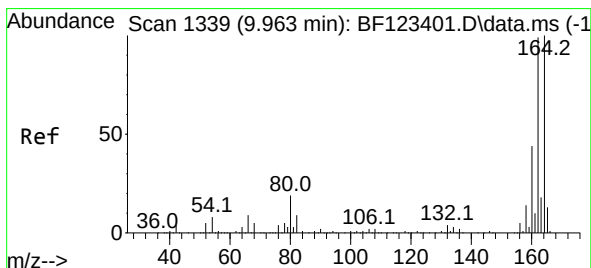
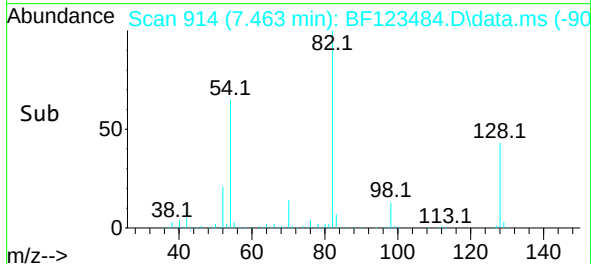
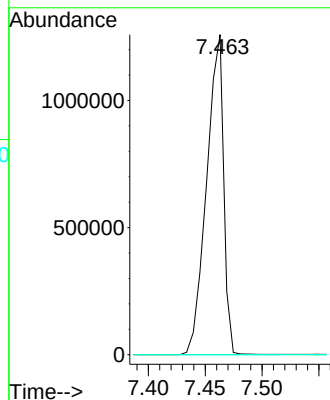
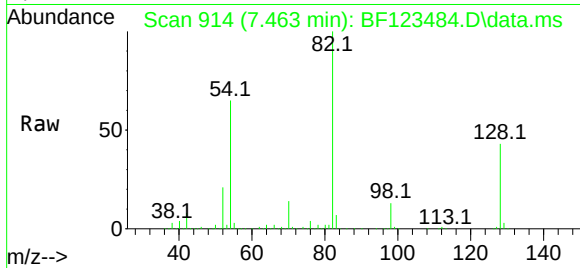




#25
Isophorone
Concen: 41.22 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

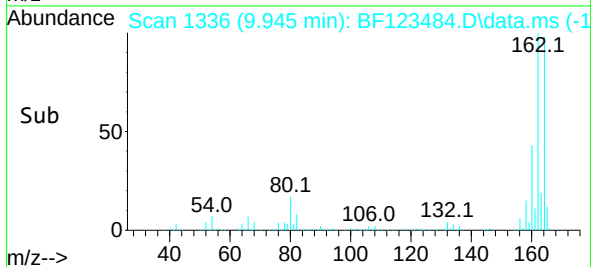
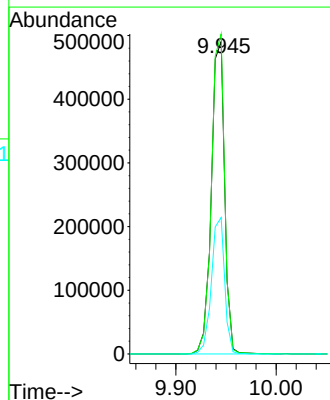
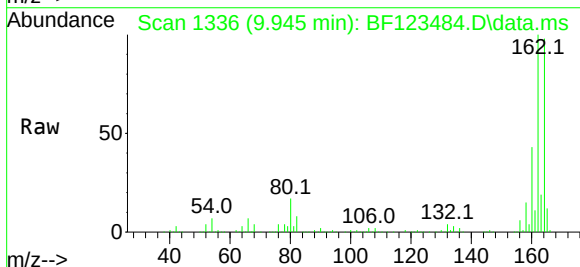
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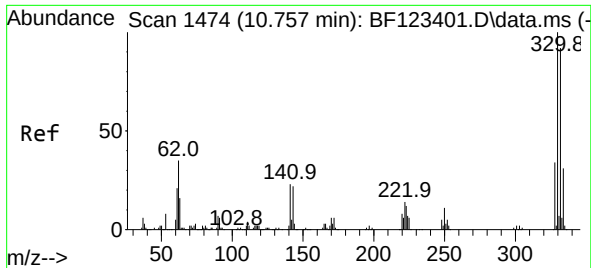
Tgt Ion: 82 Resp: 1307613
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion:164 Resp: 452314
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 43.7 35.4 53.0

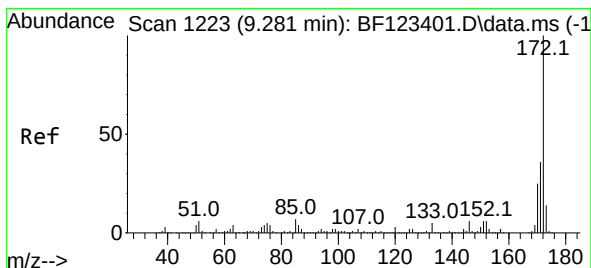
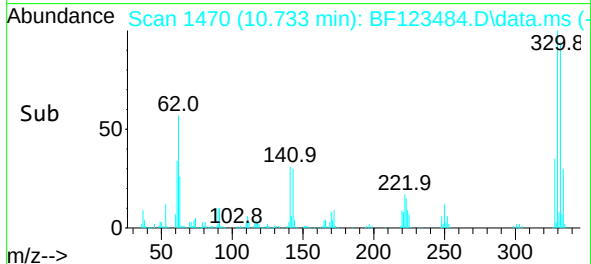
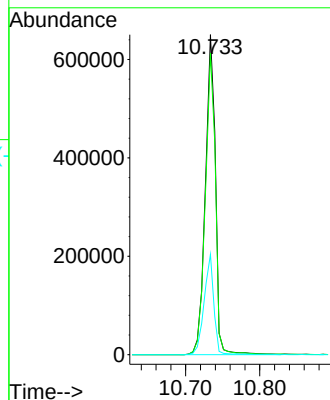
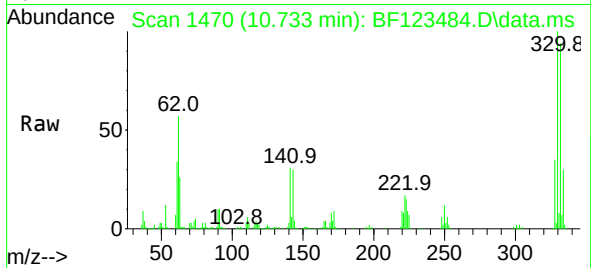




#42
2,4,6-Tribromophenol
Concen: 121.92 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

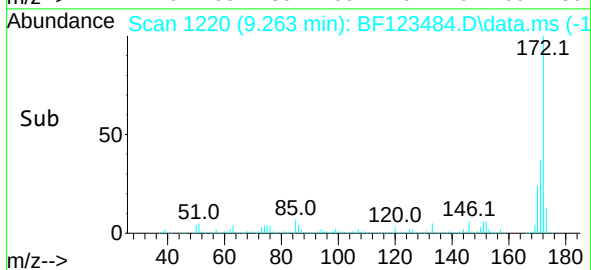
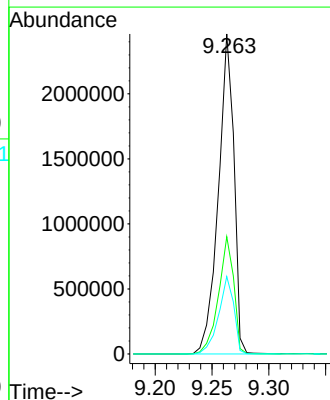
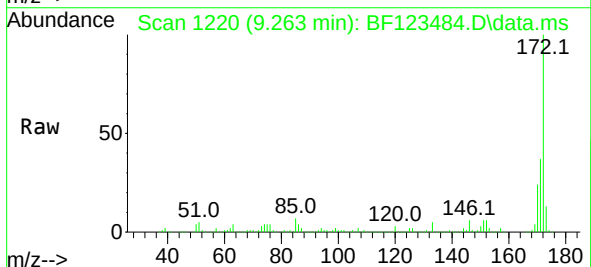
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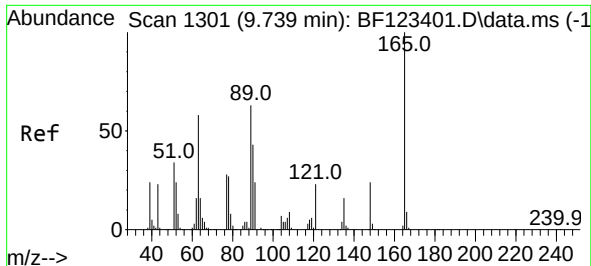
Tgt Ion: 330 Resp: 616536
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 74.24 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion: 172 Resp: 2350361
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.5 29.3

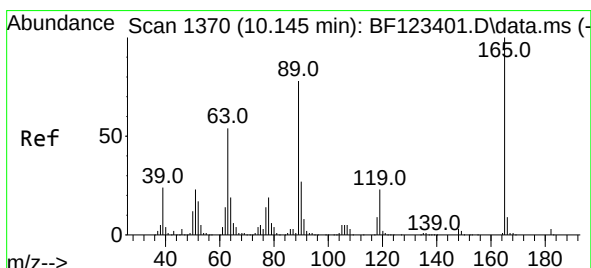
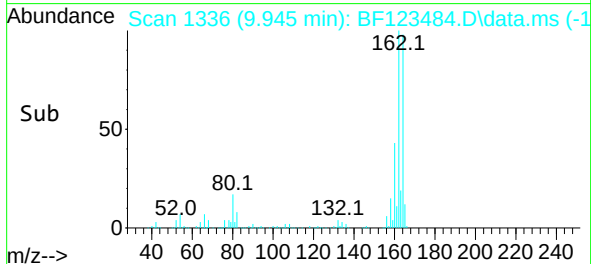
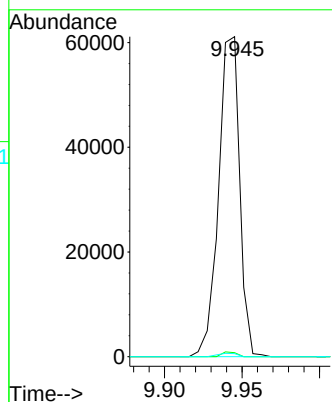
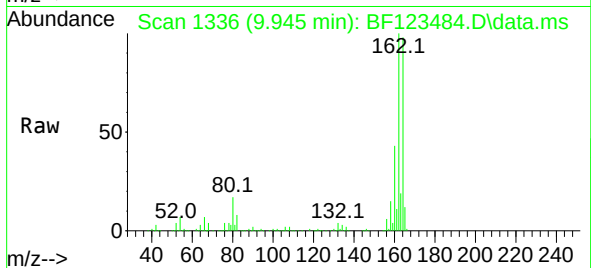




#51
2,6-Dinitrotoluene
Concen: 8.61 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

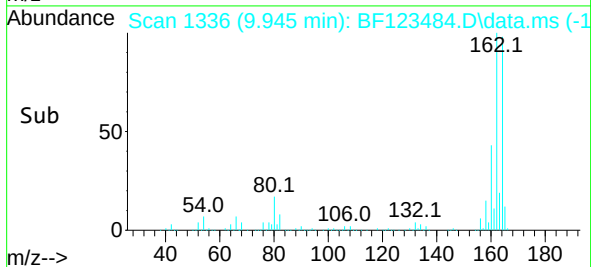
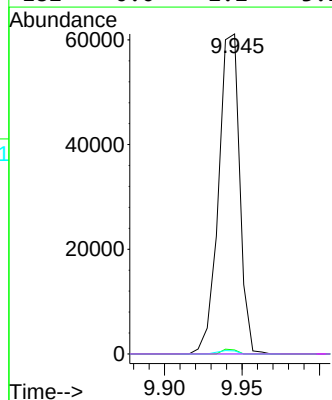
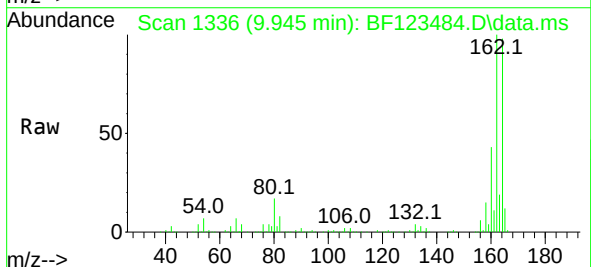
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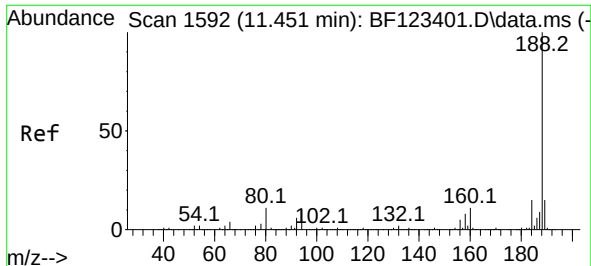
Tgt Ion:165 Resp: 57784
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.90 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion:165 Resp: 57784
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

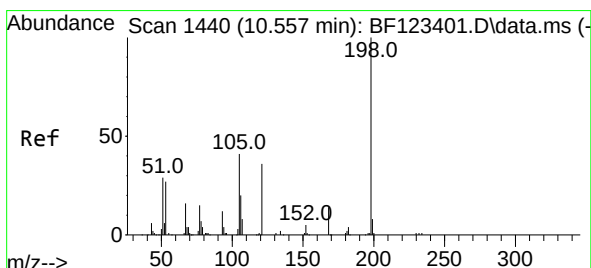
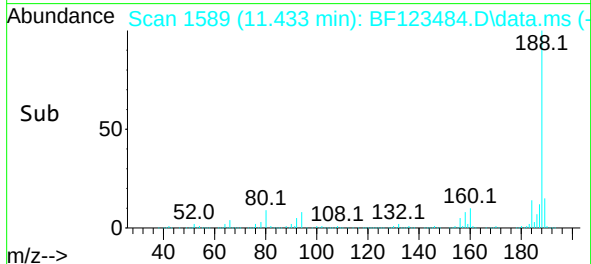
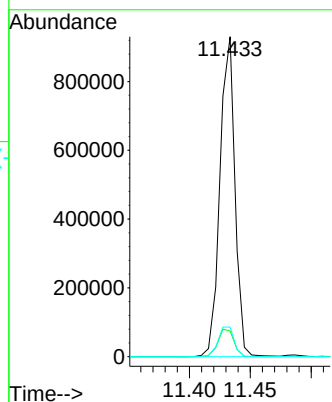
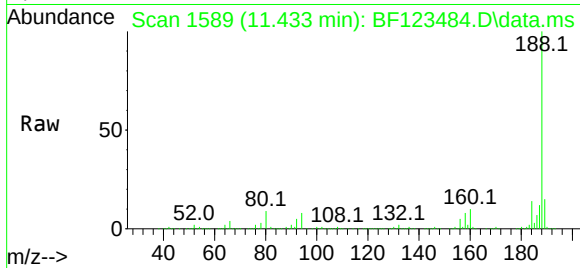




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

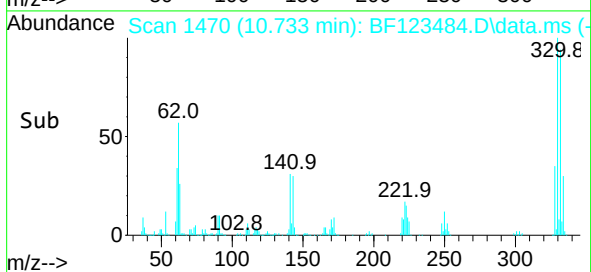
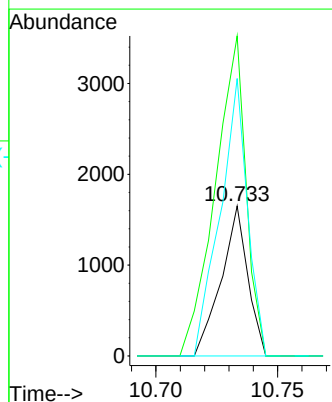
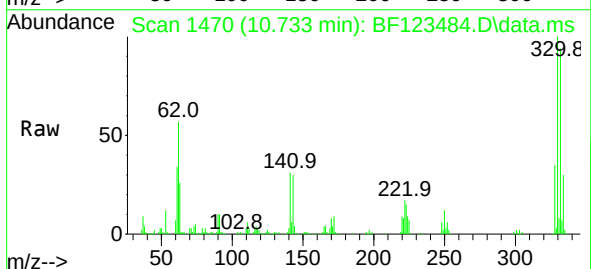
Instrument :
BNA_F
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PB135294BL

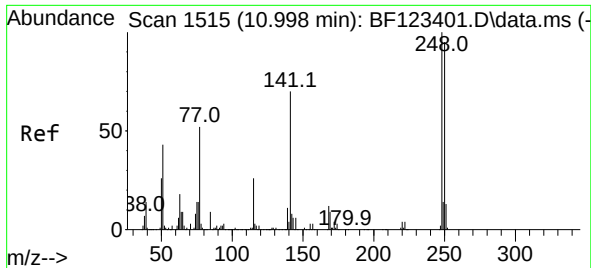
Tgt Ion:188 Resp: 800090
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.38 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion:198 Resp: 1253
Ion Ratio Lower Upper
198 100
51 213.4 20.3 60.3#
105 185.0 23.0 63.0#

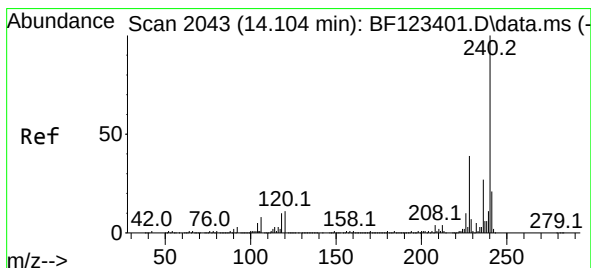
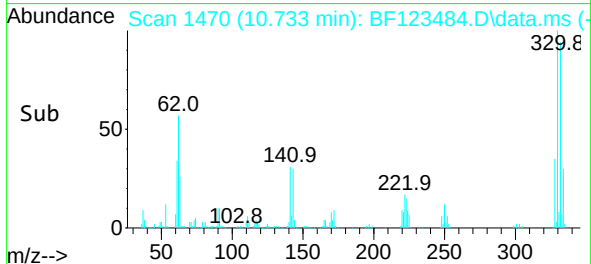
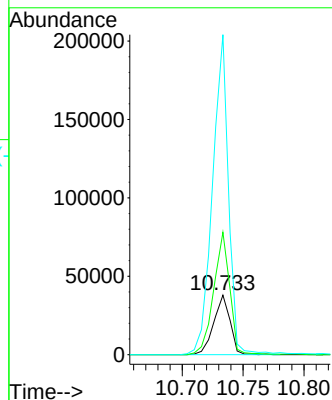
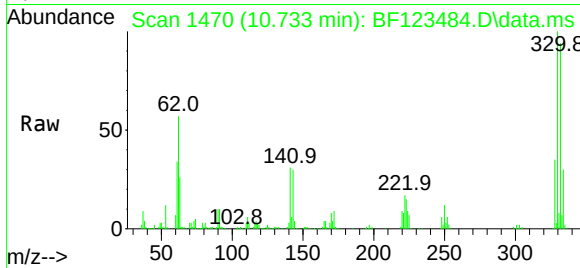




#67
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

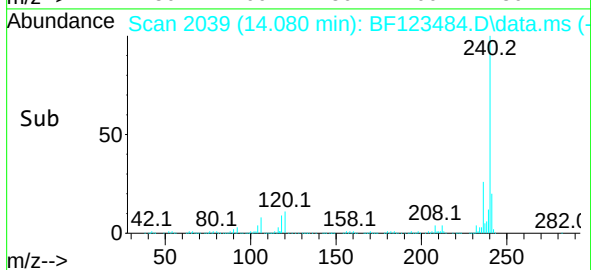
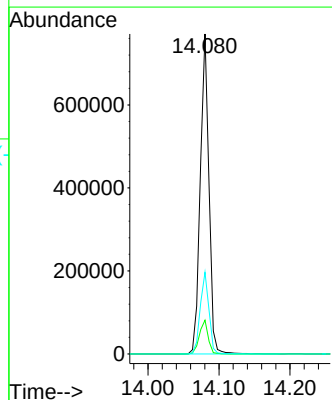
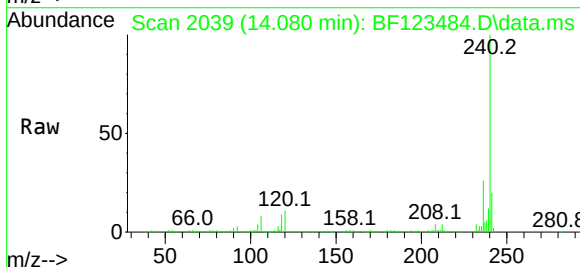
Instrument :
BNA_F
ClientSampleId :
PB135294BL

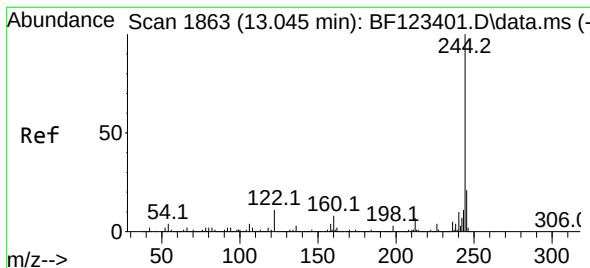
Tgt Ion:248 Resp: 35318
Ion Ratio Lower Upper
248 100
250 205.8 76.8 115.2#
141 538.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123484.D
Acq: 26 Mar 2021 13:49

Tgt Ion:240 Resp: 655576
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 70.87 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123484.D

Acq: 26 Mar 2021 13:49

Instrument :

BNA_F

ClientSampleId :

PB135294BL

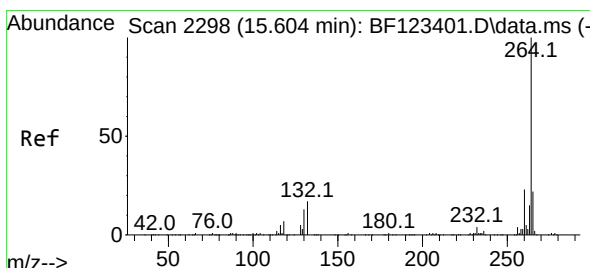
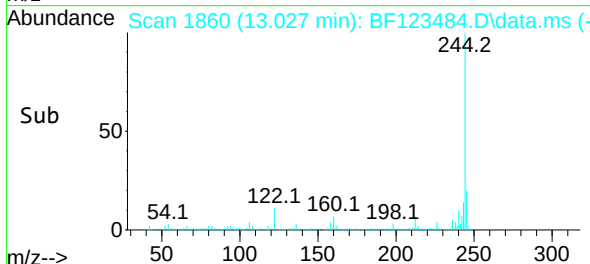
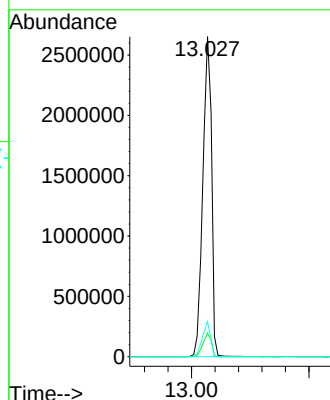
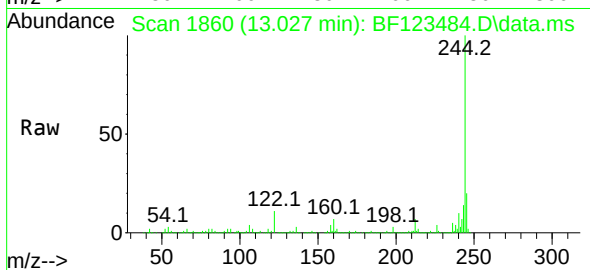
Tgt Ion:244 Resp: 2741517

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.0 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BF123484.D

Acq: 26 Mar 2021 13:49

Tgt Ion:264 Resp: 565113

Ion Ratio Lower Upper

264 100

260 22.2 18.6 28.0

265 21.1 17.0 25.6

