

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123406.D
 Acq On : 23 Mar 2021 16:33
 Operator : JU/CG
 Sample : PB135297BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135297BL

Quant Time: Mar 23 17:13:21 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 23 15:58:35 2021
 Response via : Initial Calibration

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

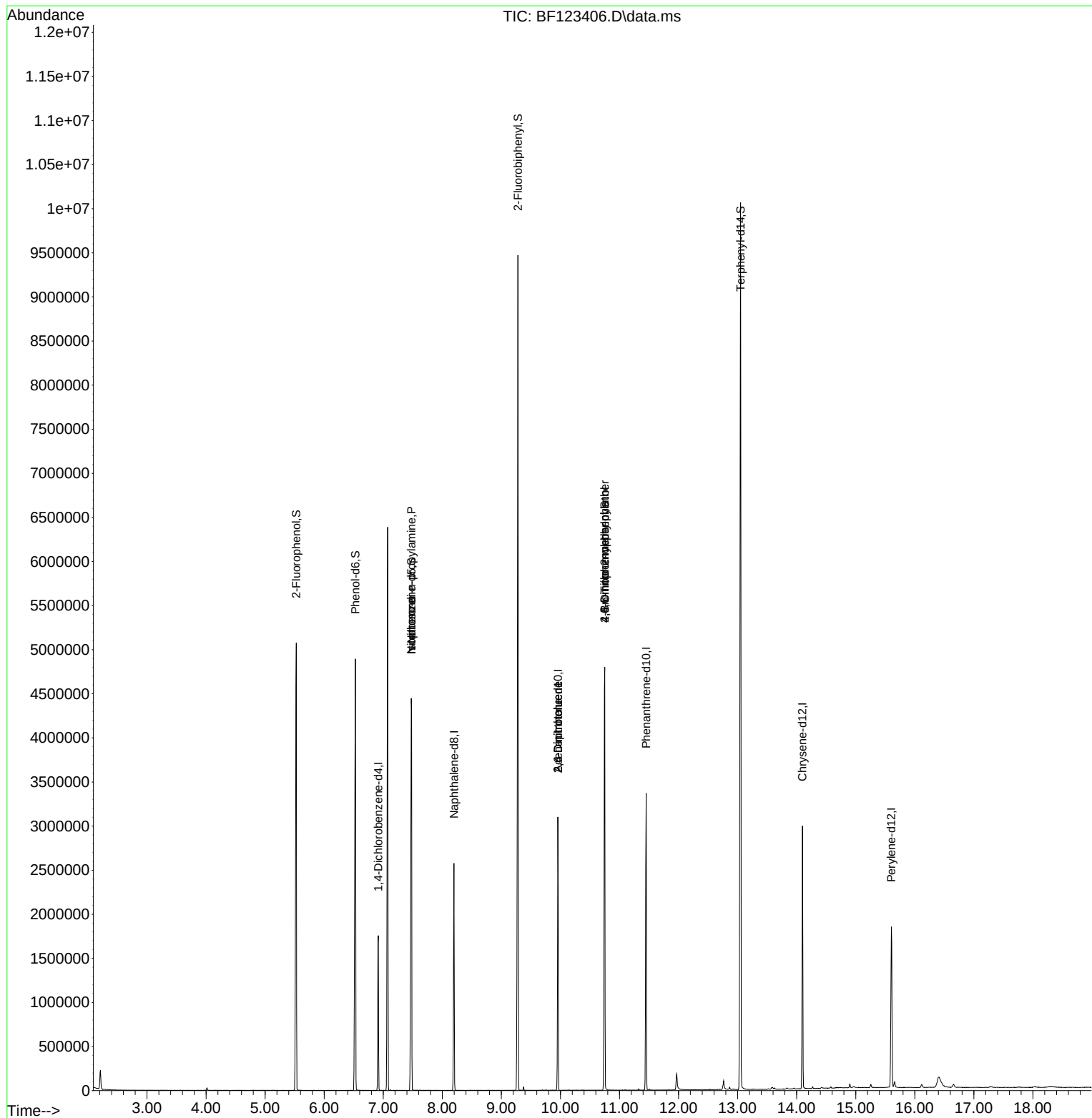
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	262522	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1004397	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	601533	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	1131727	20.00	ng	0.00
76) Chrysene-d12	14.098	240	969897	20.00	ng	0.00
86) Perylene-d12	15.604	264	892653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1321807	82.37	ng	0.00
7) Phenol-d6	6.528	99	1741312	81.52	ng	0.00
23) Nitrobenzene-d5	7.475	82	1693591	91.00	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	608360	90.46	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	3013158	71.56	ng	0.00
79) Terphenyl-d14	13.051	244	4174626	72.95	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	2746	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	234335	16.96	ng	# 78
25) Isophorone	7.475	82	1692992	42.31	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	77220	8.65	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	77220	6.93	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	1569	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	36233	2.70	ng	# 1

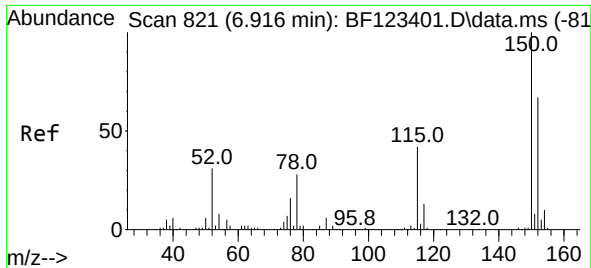
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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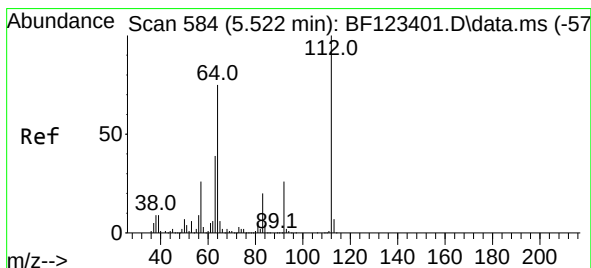
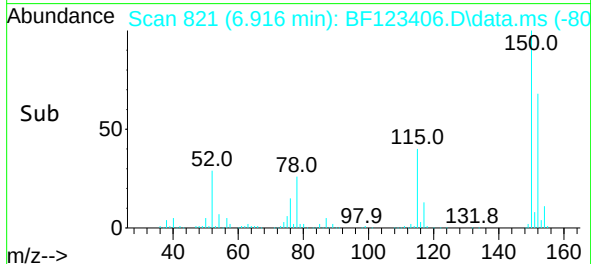
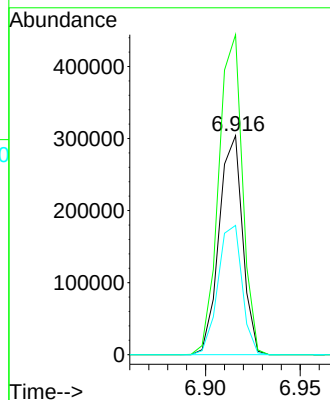
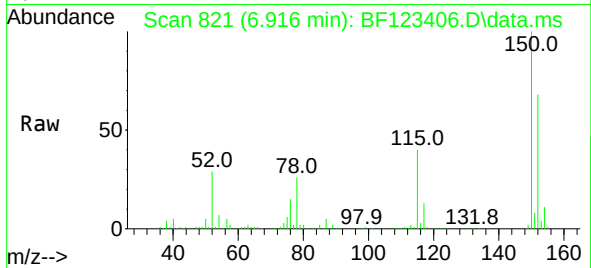




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

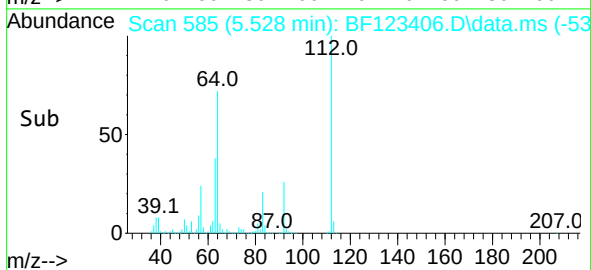
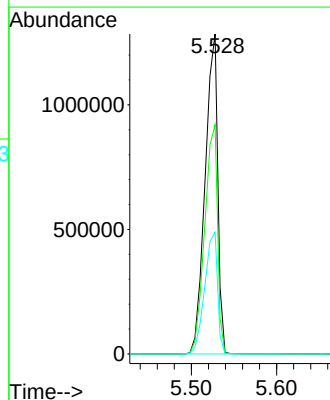
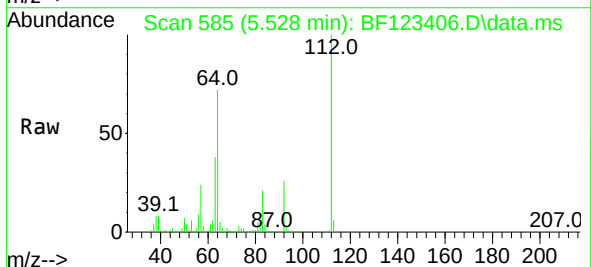
Instrument :
BNA_F
ClientSampleId :
PB135297BL

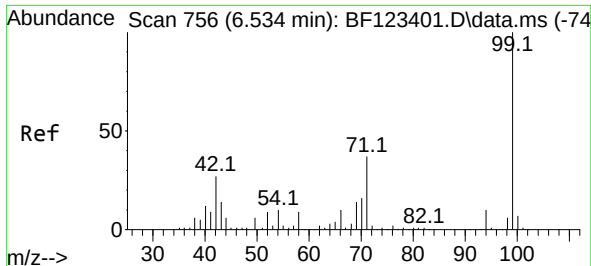
Tgt Ion:152 Resp: 262522
Ion Ratio Lower Upper
152 100
150 146.0 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 82.37 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion:112 Resp: 1321807
Ion Ratio Lower Upper
112 100
64 71.6 46.9 70.3#
63 38.1 24.5 36.7#

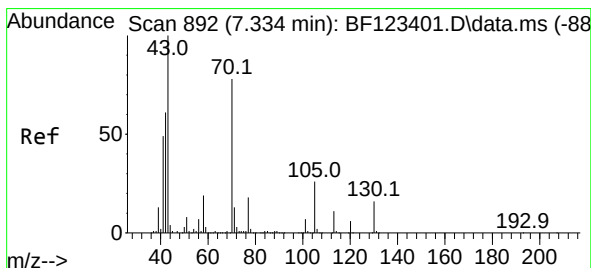
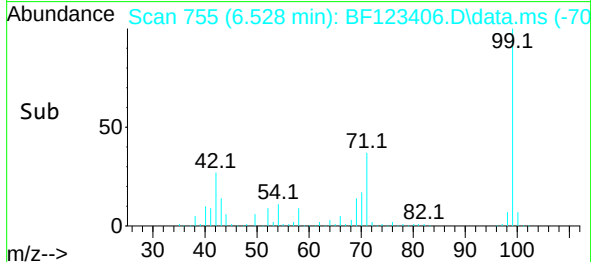
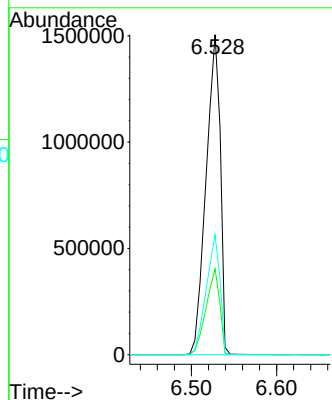
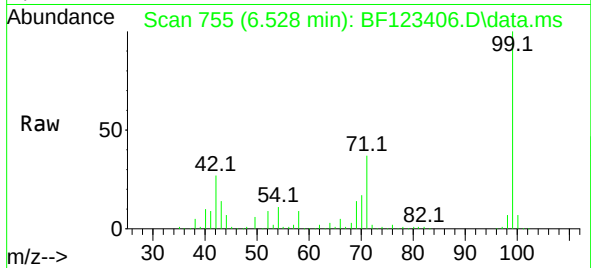




#7
Phenol-d6
Concen: 81.52 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

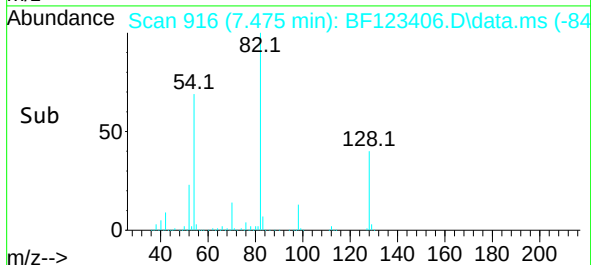
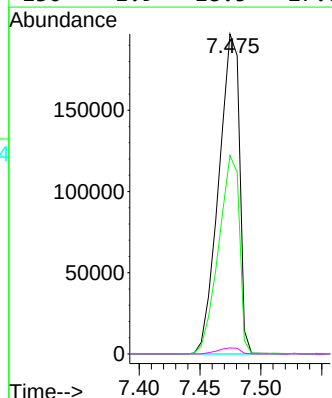
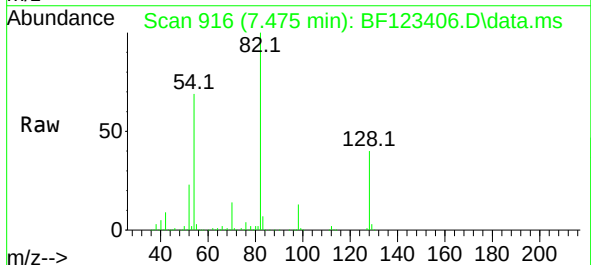
Instrument :
BNA_F
ClientSampleId :
PB135297BL

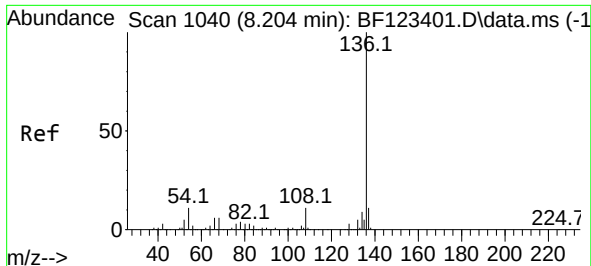
Tgt Ion: 99 Resp: 1741312
Ion Ratio Lower Upper
99 100
42 26.9 13.8 20.6#
71 37.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.96 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion: 70 Resp: 234335
Ion Ratio Lower Upper
70 100
42 62.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#

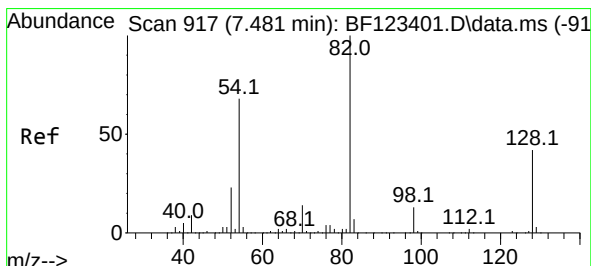
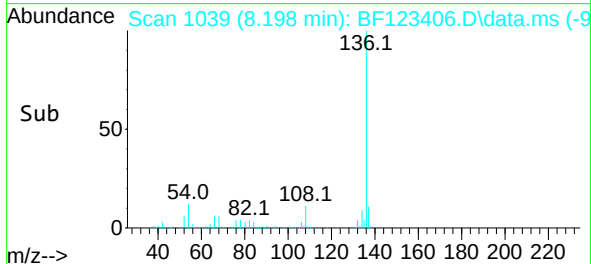
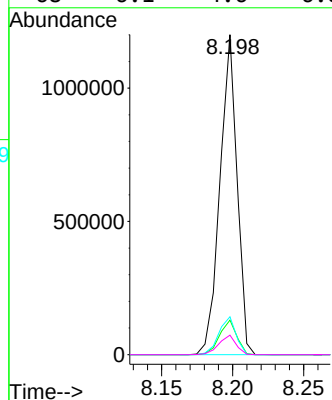
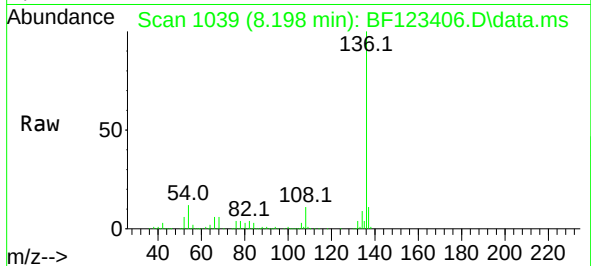




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

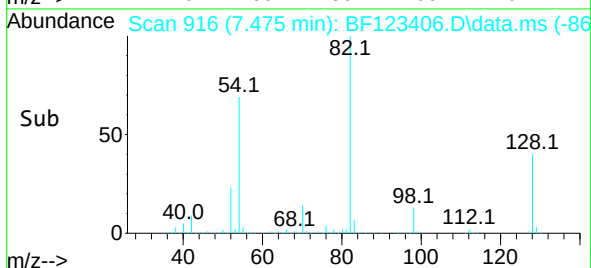
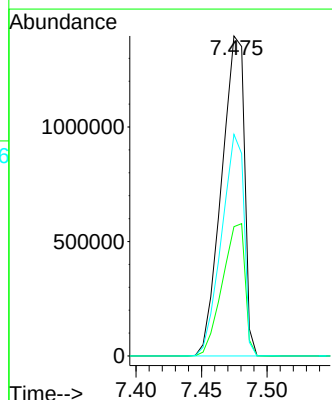
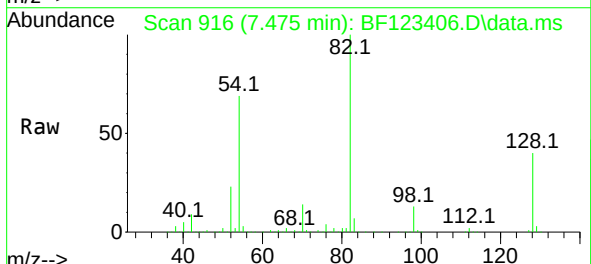
Instrument :
BNA_F
ClientSampleId :
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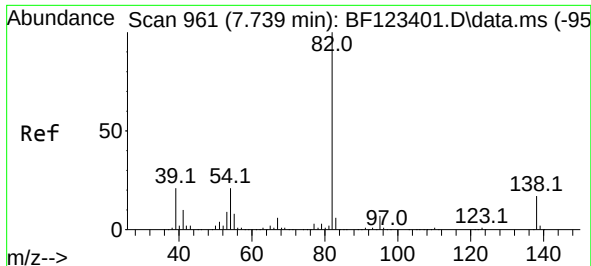
Tgt Ion:136 Resp: 1004397
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.9 5.5 8.3#
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.00 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion: 82 Resp: 1693591
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.4
54 69.3 38.4 57.6#

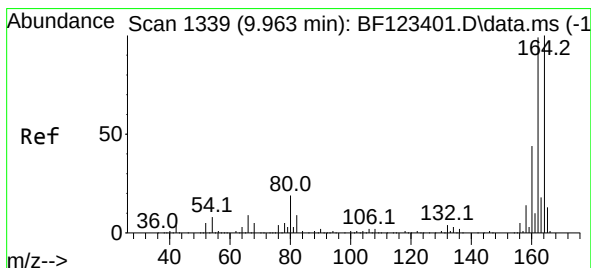
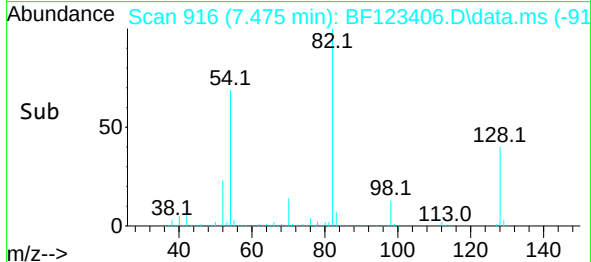
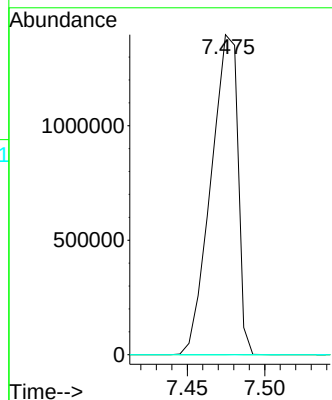
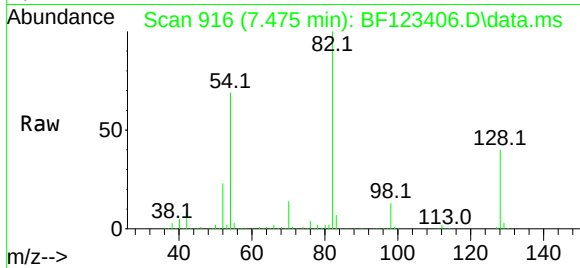




#25
Isophorone
Concen: 42.31 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

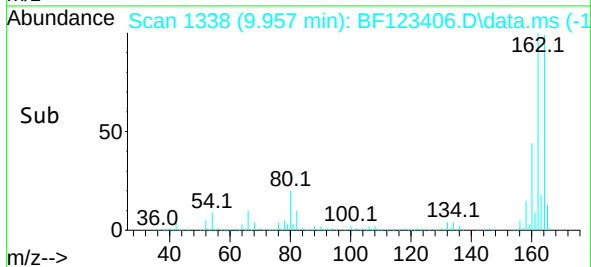
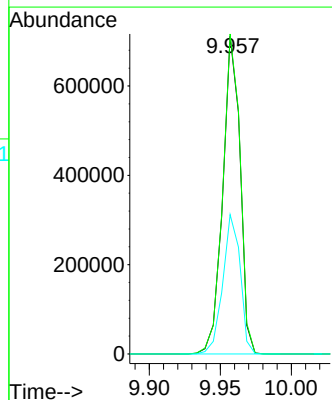
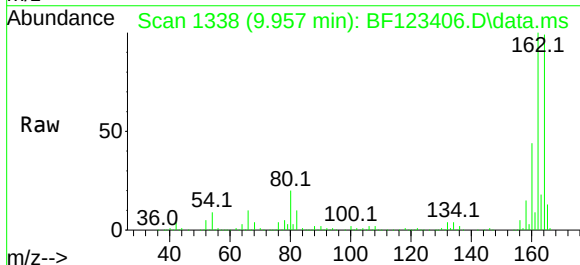
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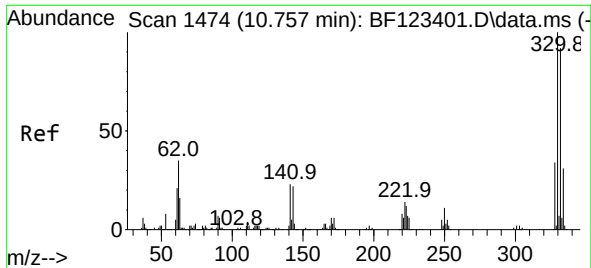
Tgt Ion: 82 Resp: 1692992
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion:164 Resp: 601533
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 43.9 35.4 53.0

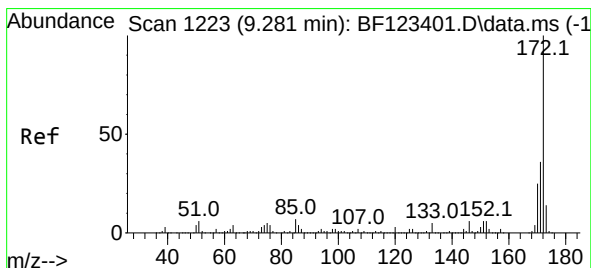
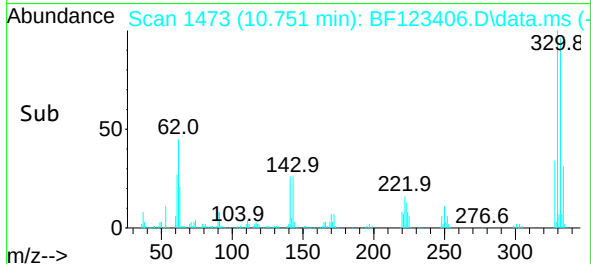
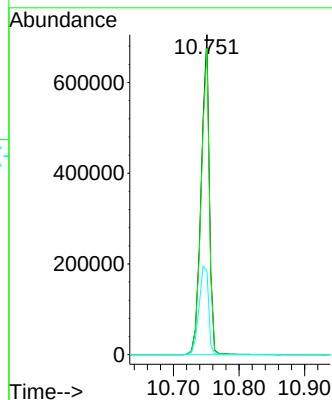
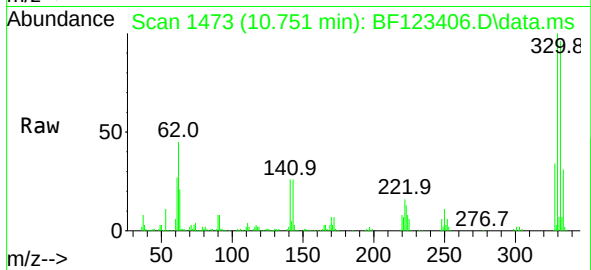




#42
2,4,6-Tribromophenol
Concen: 90.46 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

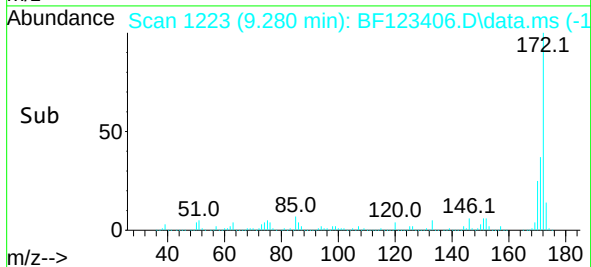
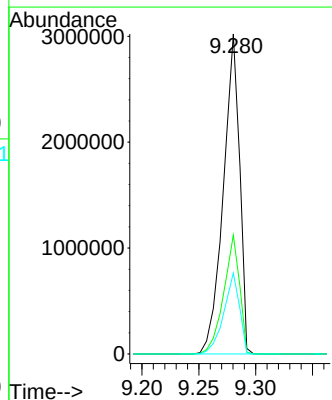
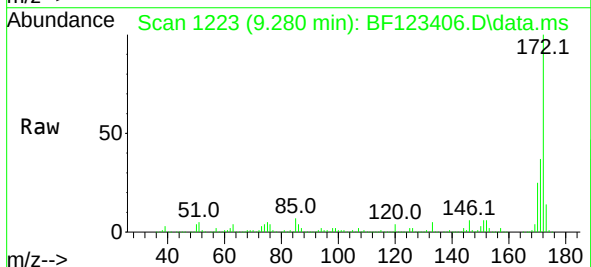
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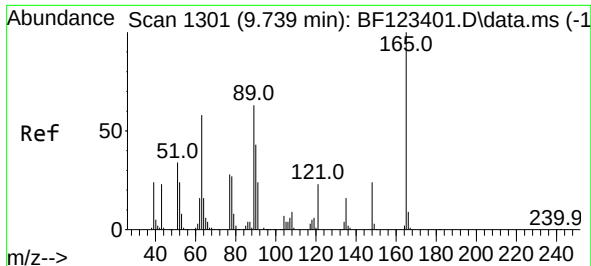
Tgt Ion: 330 Resp: 608360
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 32.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.56 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion: 172 Resp: 3013158
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 25.3 19.5 29.3

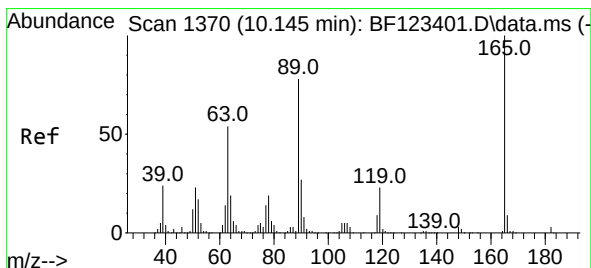
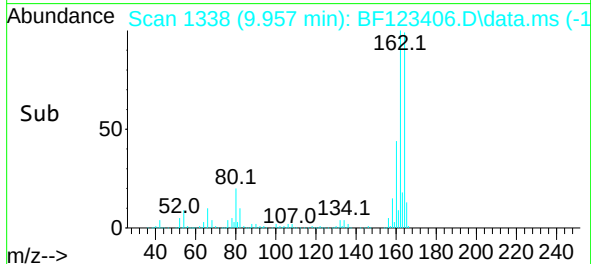
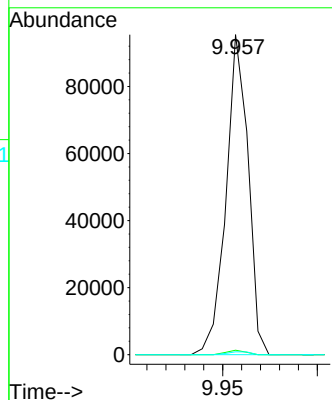
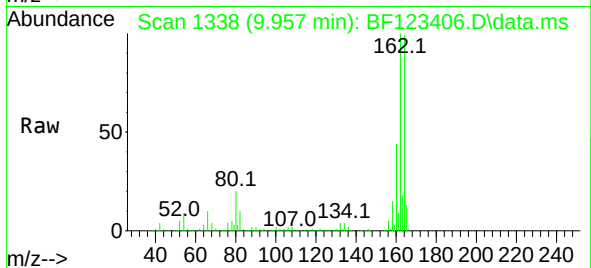




#51
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

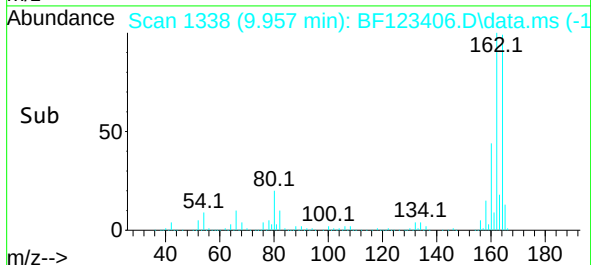
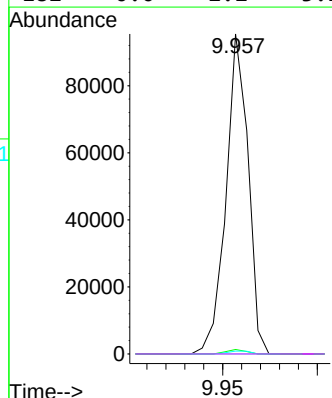
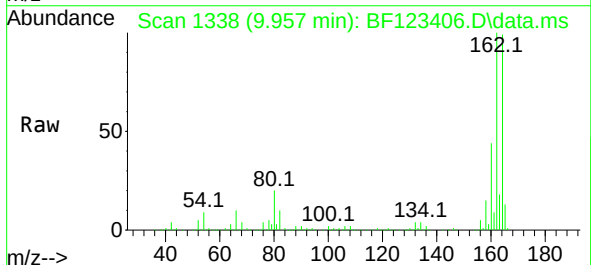
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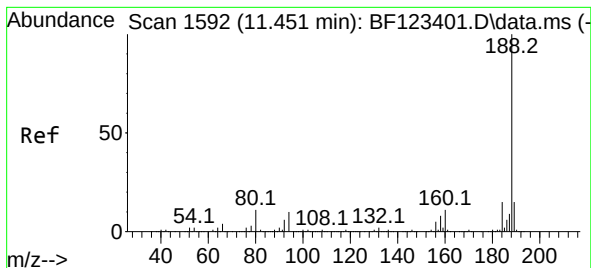
Tgt Ion:165 Resp: 77220
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion:165 Resp: 77220
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

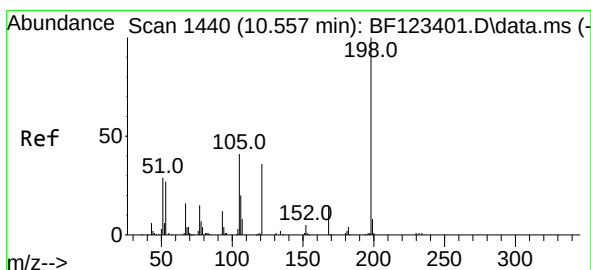
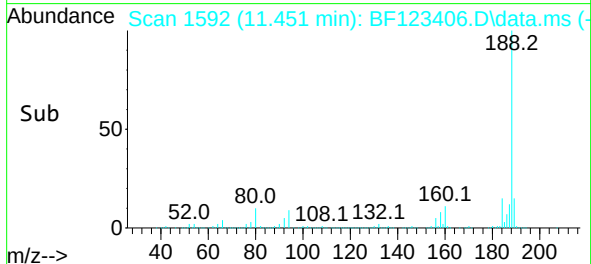
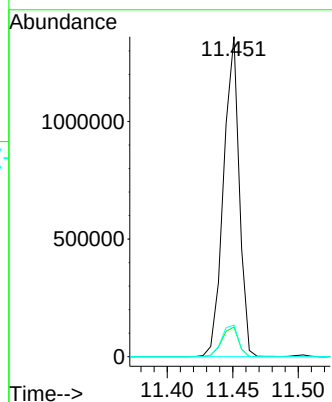
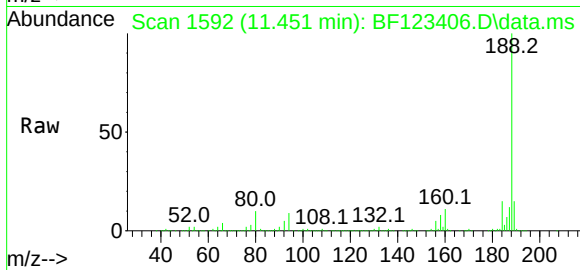




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

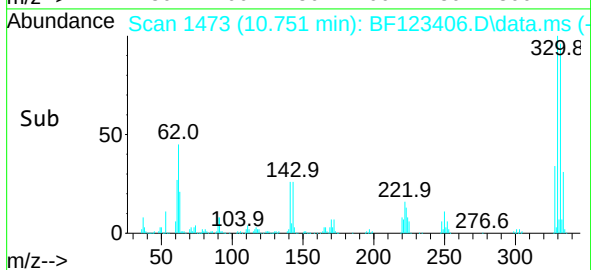
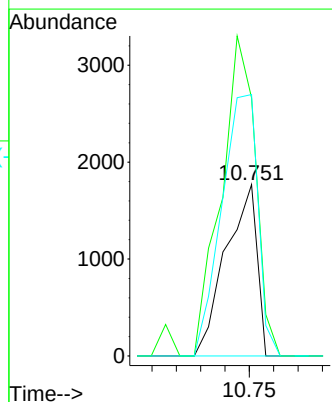
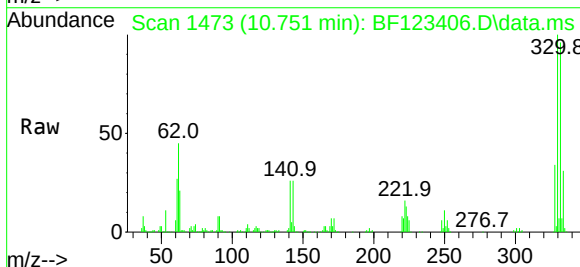
Instrument :
BNA_F
ClientSampleId :
PB135297BL

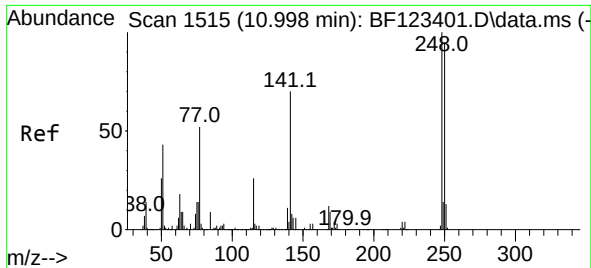
Tgt Ion:188 Resp: 1131727
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion:198 Resp: 1569
Ion Ratio Lower Upper
198 100
51 150.6 20.3 60.3#
105 152.6 23.0 63.0#

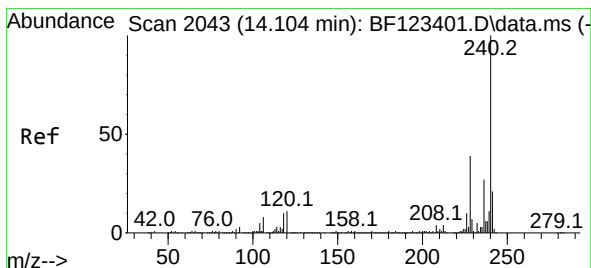
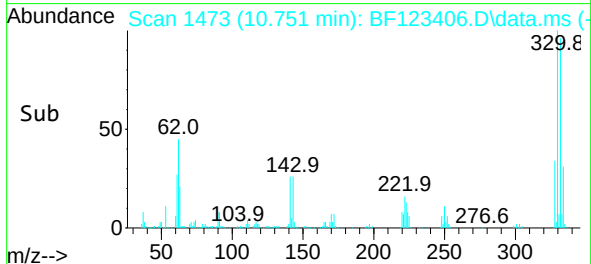
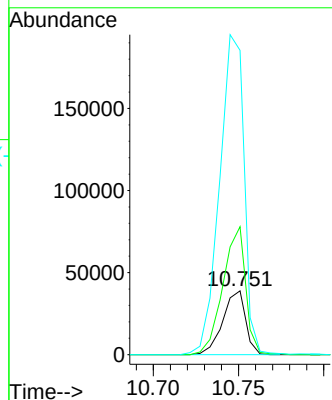
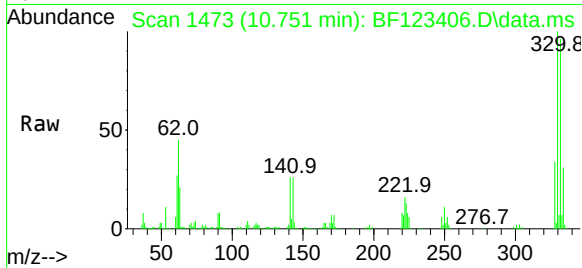




#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

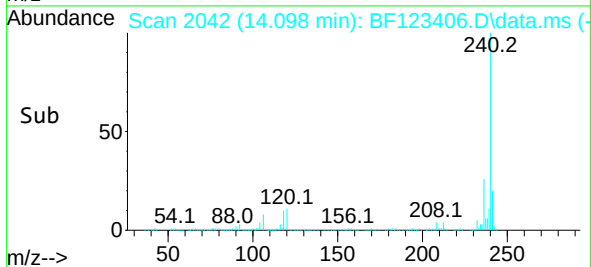
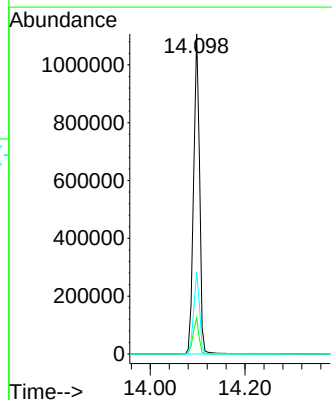
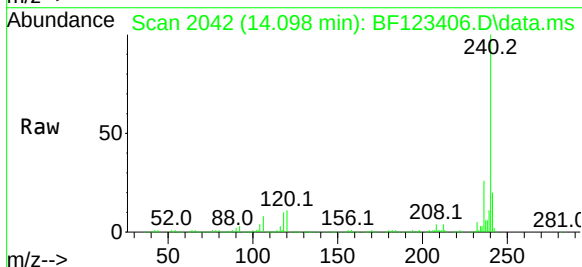
Instrument :
BNA_F
ClientSampleId :
PB135297BL

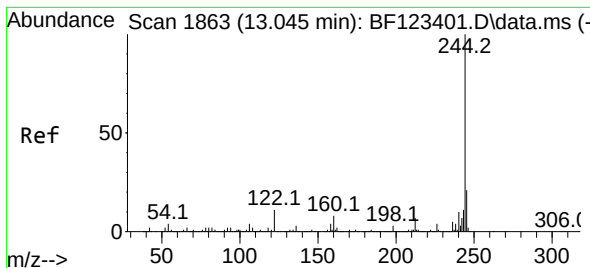
Tgt Ion:248 Resp: 36233
Ion Ratio Lower Upper
248 100
250 200.7 76.8 115.2#
141 477.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123406.D
Acq: 23 Mar 2021 16:33

Tgt Ion:240 Resp: 969897
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 72.95 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF123406.D

Acq: 23 Mar 2021 16:33

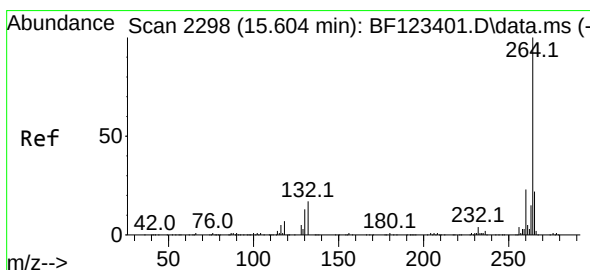
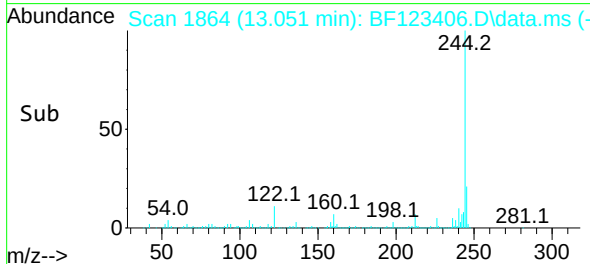
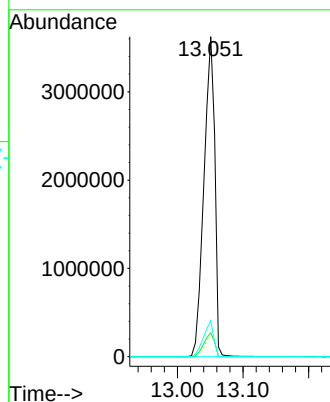
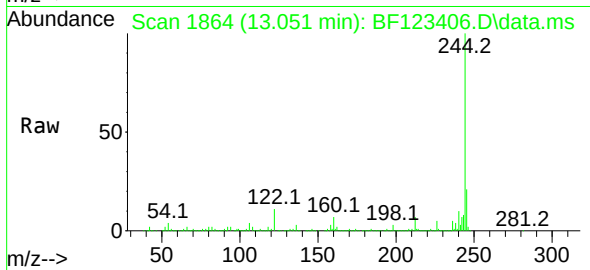
Tgt Ion:244 Resp: 4174626

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 11.3 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.604 min Scan# 2298

Delta R.T. -0.000 min

Lab File: BF123406.D

Acq: 23 Mar 2021 16:33

Tgt Ion:264 Resp: 892653

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.5 17.0 25.6

