

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123456.D
 Acq On : 25 Mar 2021 12:02
 Operator : JU/CG
 Sample : PB135237BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135237BL

Quant Time: Mar 25 12:43:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 12:42:42 2021
 Response via : Initial Calibration

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

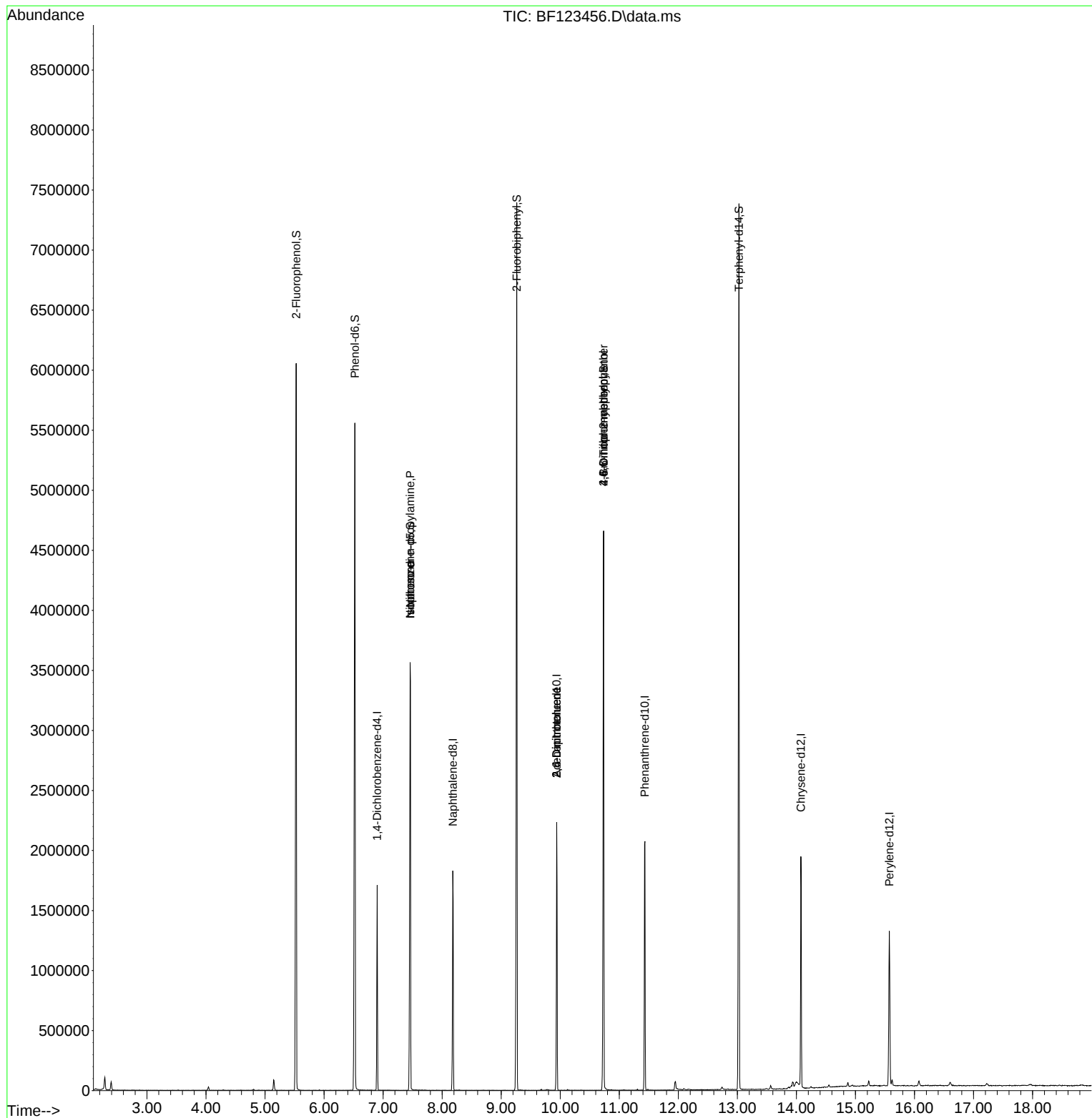
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	222571	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	815404	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	445294	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	797589	20.00	ng	0.00
76) Chrysene-d12	14.074	240	651235	20.00	ng	0.00
86) Perylene-d12	15.574	264	612131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1528028	112.31	ng	0.02
7) Phenol-d6	6.522	99	1910561	105.49	ng	0.00
23) Nitrobenzene-d5	7.457	82	1249483	82.70	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	573213	115.14	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2235875	71.73	ng	0.00
79) Terphenyl-d14	13.027	244	2532448	65.90	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	3156	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	170508	14.56	ng	# 79
25) Isophorone	7.457	82	1247299	38.40	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	57916	8.77	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	57916	7.02	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1121	5.36	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	33730	3.57	ng	# 1

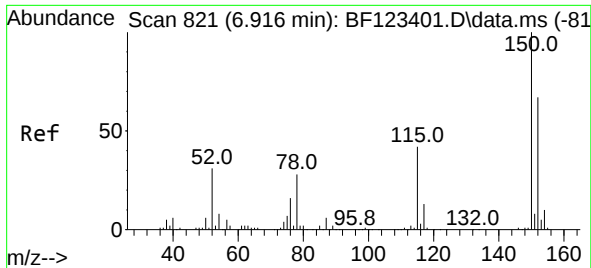
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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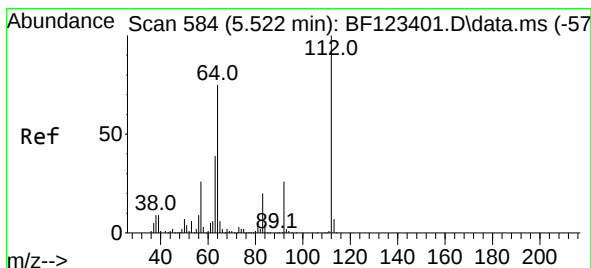
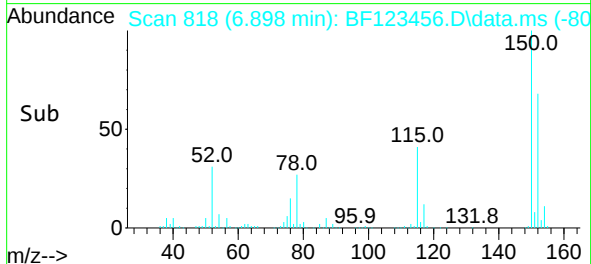
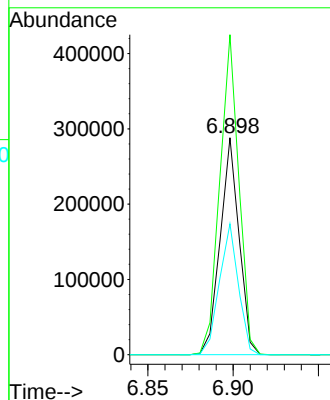
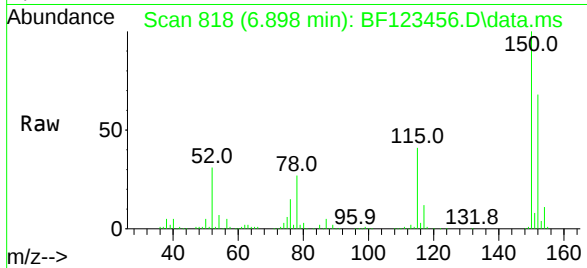




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

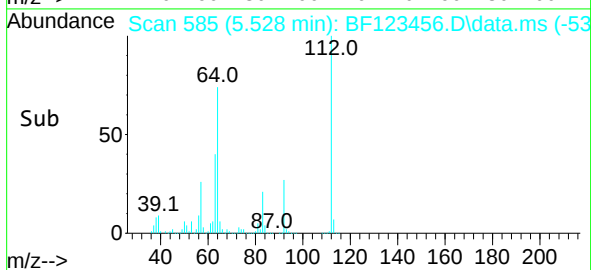
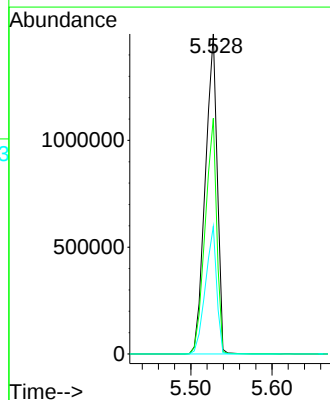
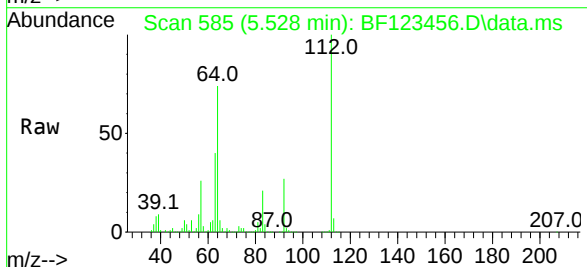
Instrument :
BNA_F
ClientSampleId :
PB135237BL

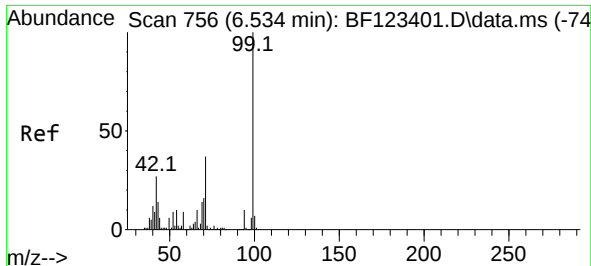
Tgt Ion:152 Resp: 222571
Ion Ratio Lower Upper
152 100
150 147.5 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 112.31 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Tgt Ion:112 Resp: 1528028
Ion Ratio Lower Upper
112 100
64 73.7 46.9 70.3#
63 39.9 24.5 36.7#

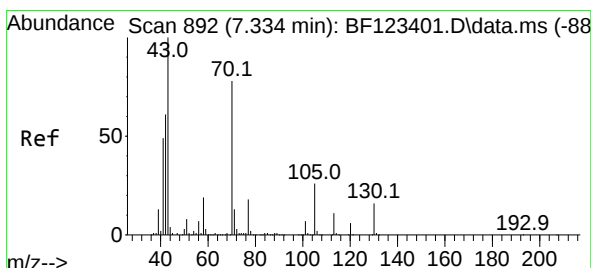
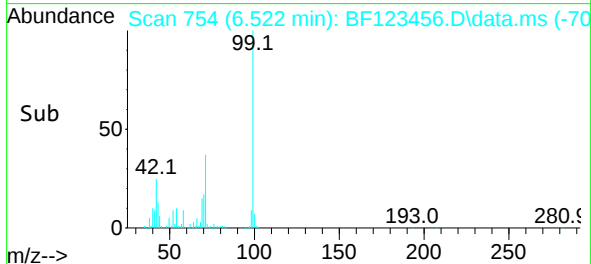
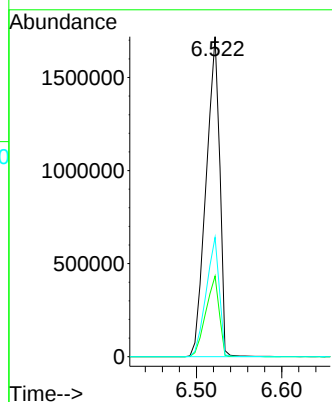
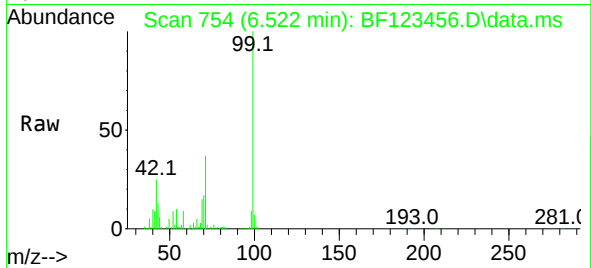




#7
Phenol-d6
Concen: 105.49 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

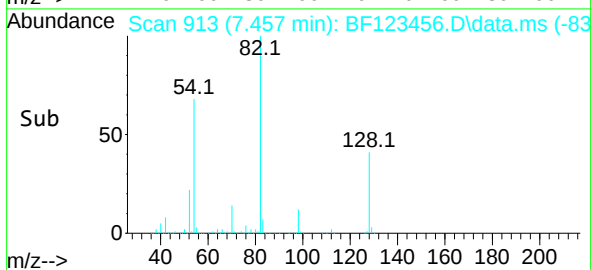
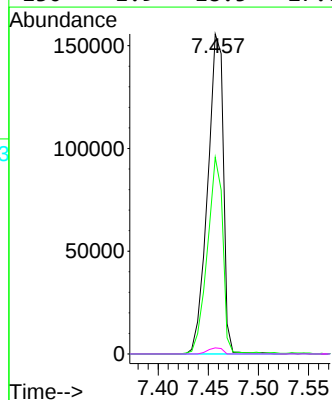
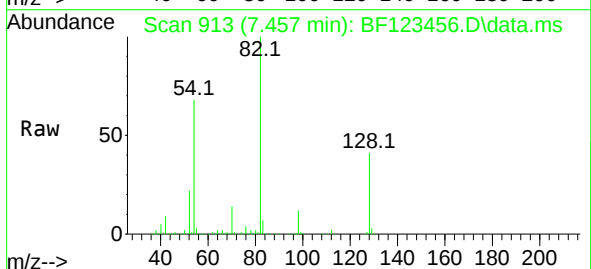
Instrument :
BNA_F
ClientSampleId :
PB135237BL

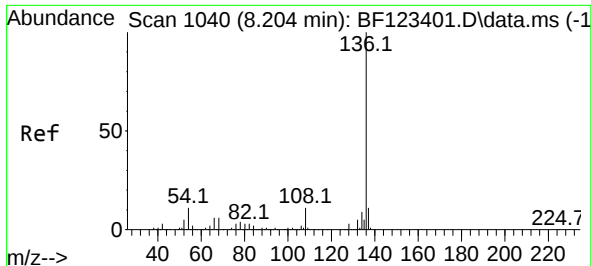
Tgt Ion: 99 Resp: 1910561
Ion Ratio Lower Upper
99 100
42 25.2 13.8 20.6#
71 37.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.56 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

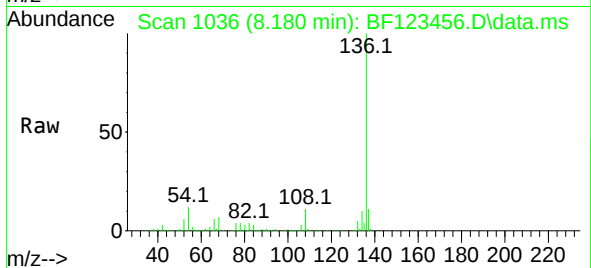
Tgt Ion: 70 Resp: 170508
Ion Ratio Lower Upper
70 100
42 61.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



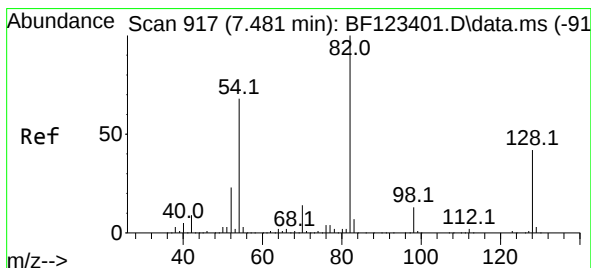
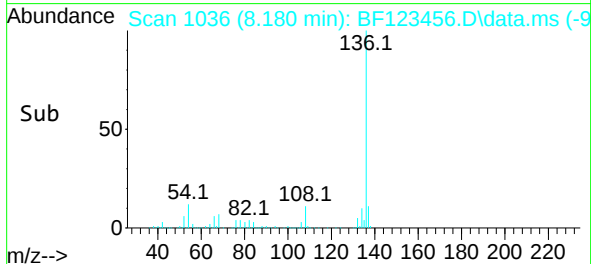
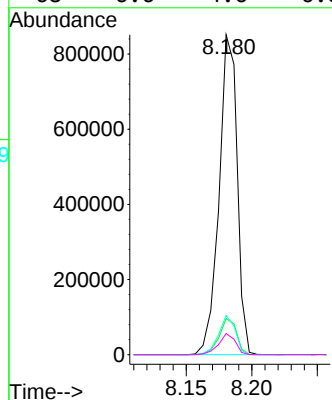


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Instrument :
BNA_F
ClientSampleId :
PB135237BL

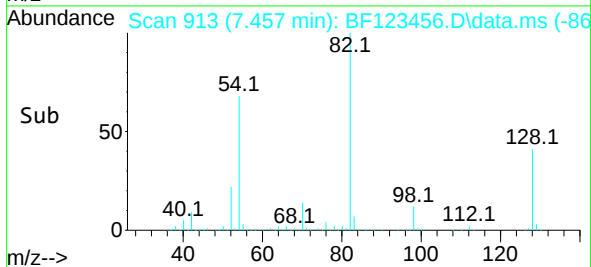
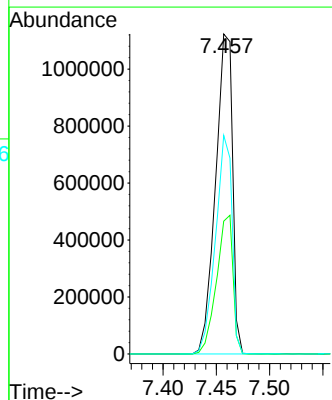
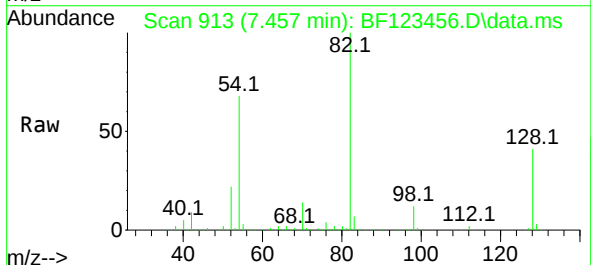


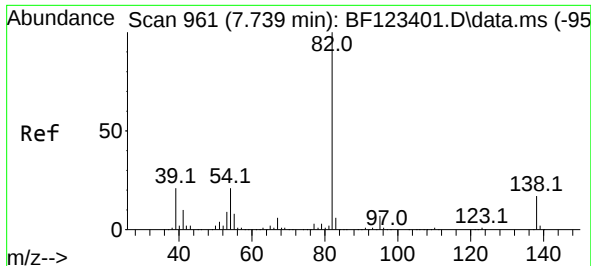
Tgt Ion:136 Resp: 815404
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.3 5.5 8.3#
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.70 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

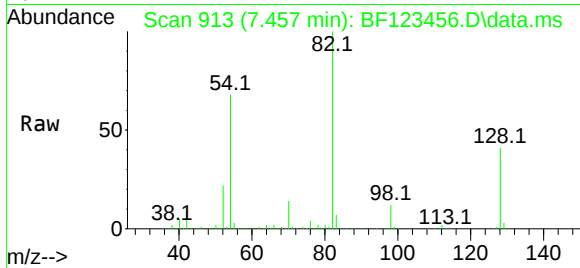
Tgt Ion: 82 Resp: 1249483
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.4
54 68.3 38.4 57.6#



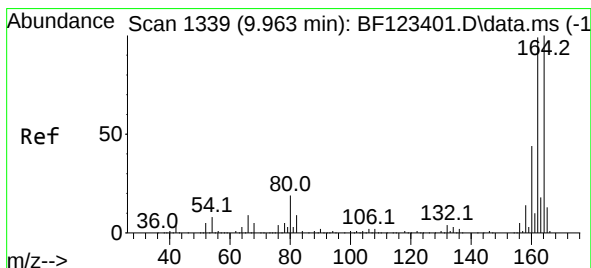
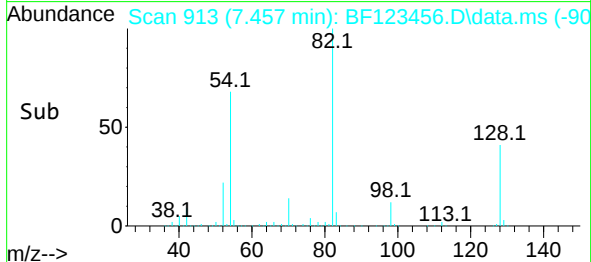
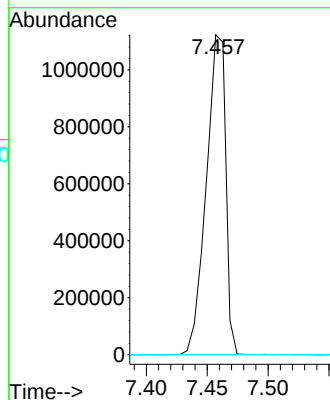


#25
Isophorone
Concen: 38.40 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Instrument :
BNA_F
ClientSampleId :
PB135237BL

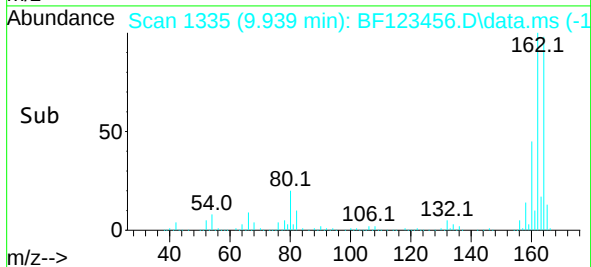
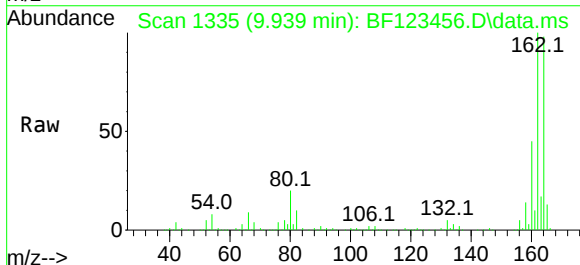
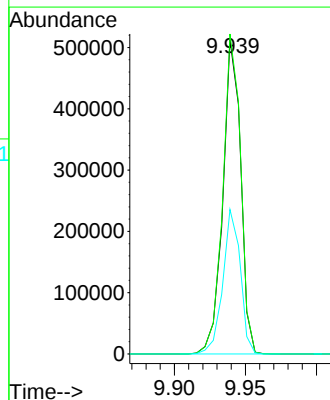


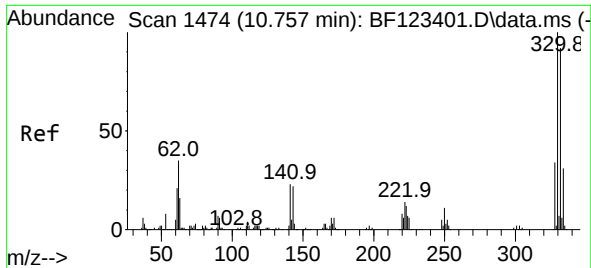
Tgt Ion: 82 Resp: 1247299
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Tgt Ion: 164 Resp: 445294
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 46.0 35.4 53.0

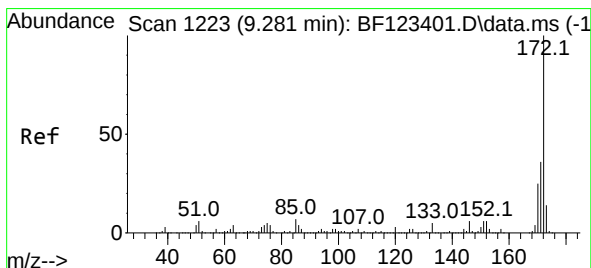
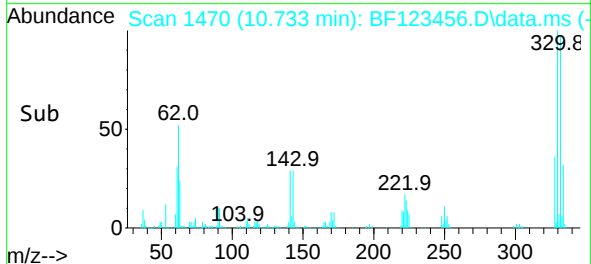
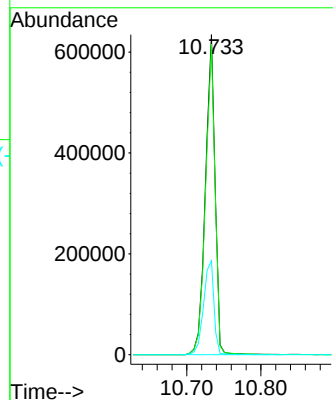
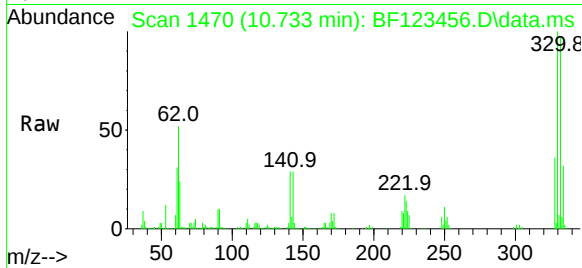




#42
2,4,6-Tribromophenol
Concen: 115.14 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

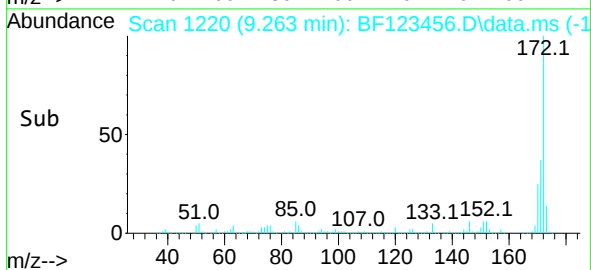
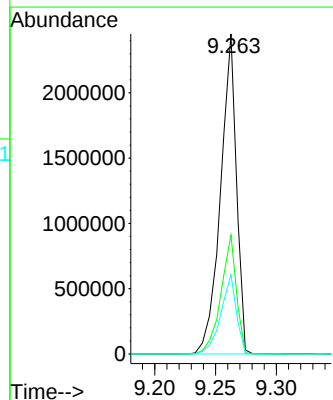
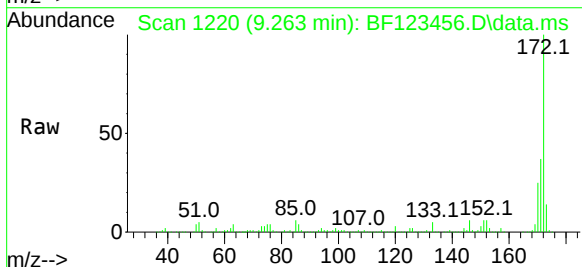
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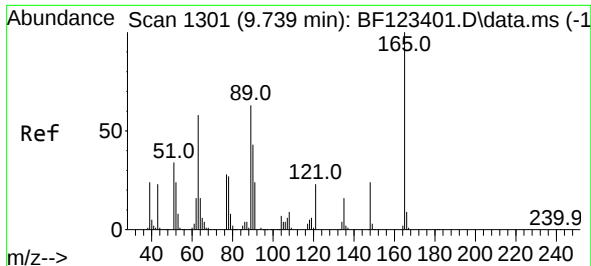
Tgt Ion: 330 Resp: 573213
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.73 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Tgt Ion: 172 Resp: 2235875
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.8 19.5 29.3

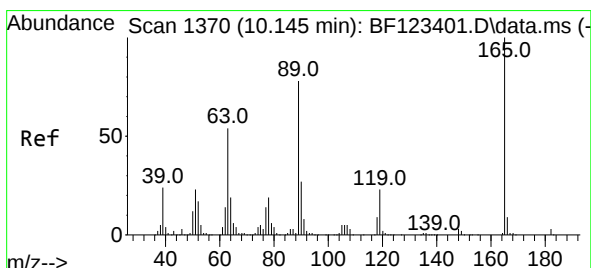
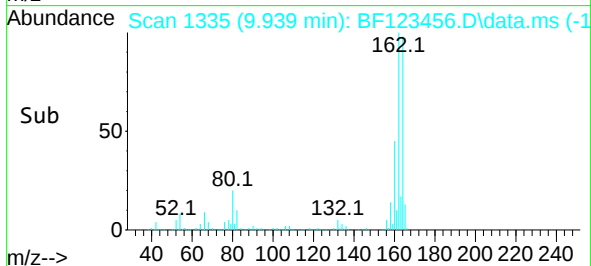
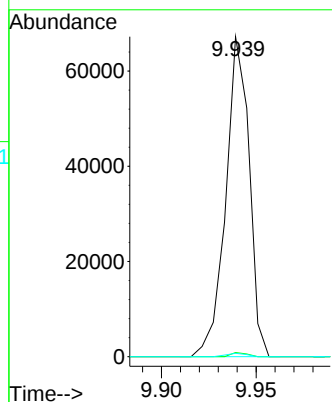
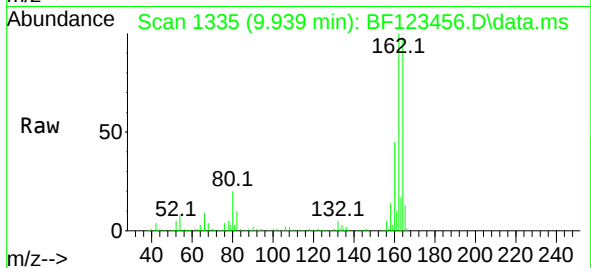




#51
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.217 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

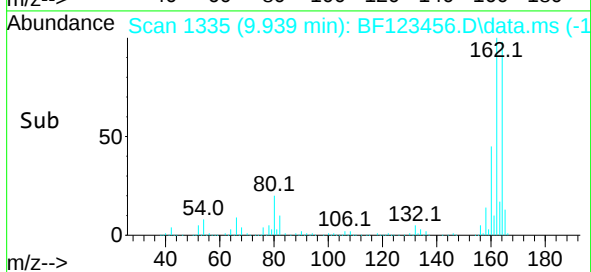
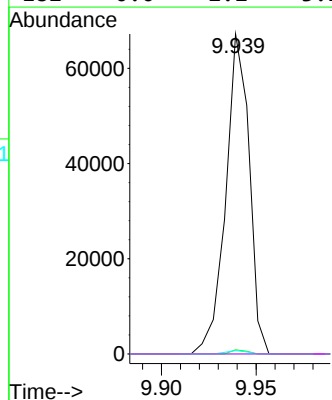
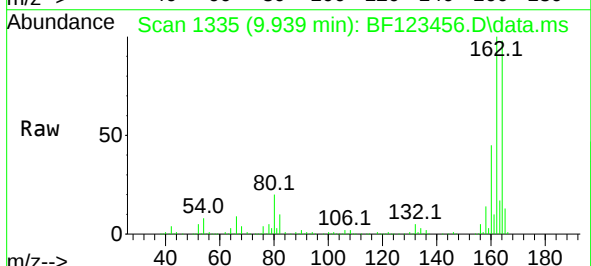
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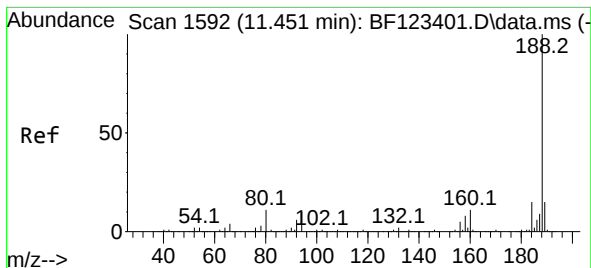
Tgt Ion:165 Resp: 57916
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.02 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Tgt Ion:165 Resp: 57916
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.1 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: BF123456.D

Acq: 25 Mar 2021 12:02

Instrument :

BNA_F

ClientSampleId :

PB135237BL

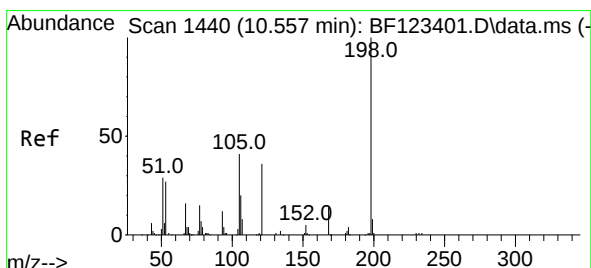
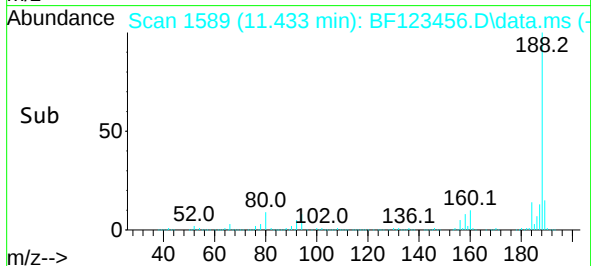
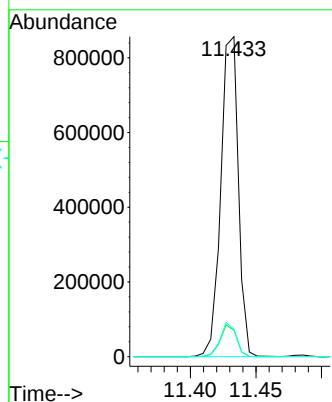
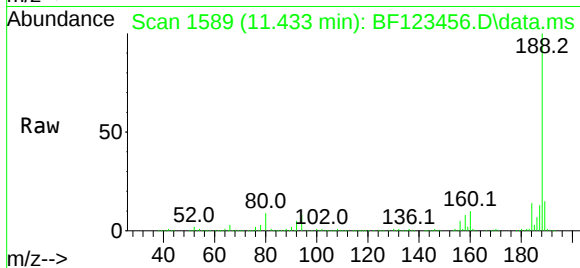
Tgt Ion:188 Resp: 797589

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

80 8.6 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.36 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.200 min

Lab File: BF123456.D

Acq: 25 Mar 2021 12:02

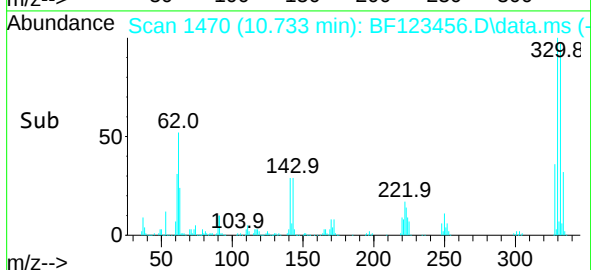
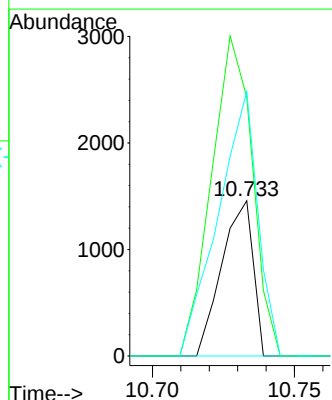
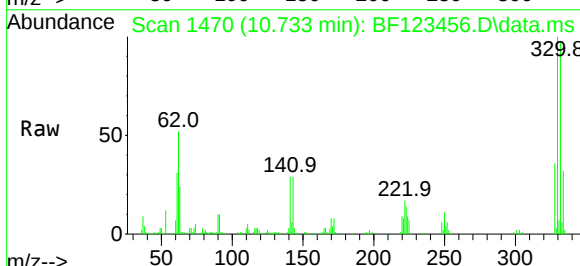
Tgt Ion:198 Resp: 1121

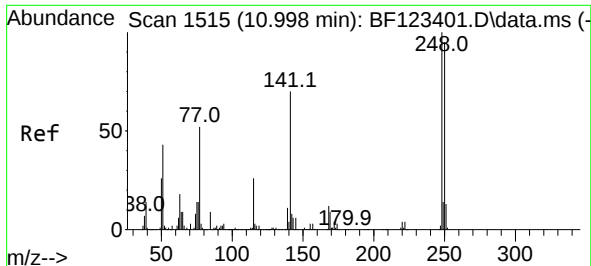
Ion Ratio Lower Upper

198 100

51 166.7 20.3 60.3#

105 170.5 23.0 63.0#

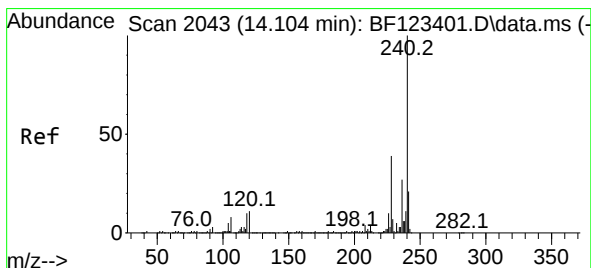
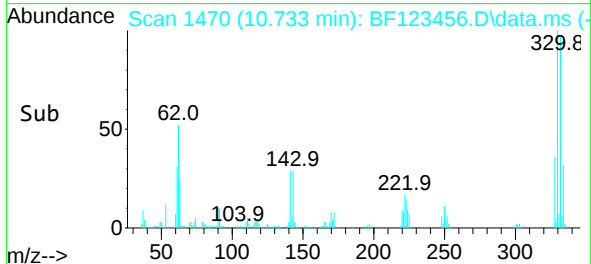
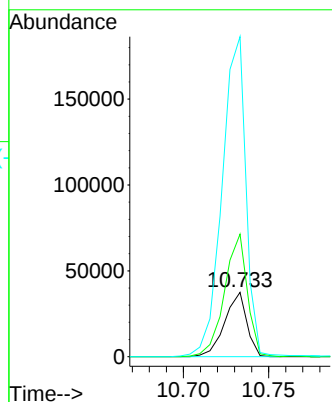
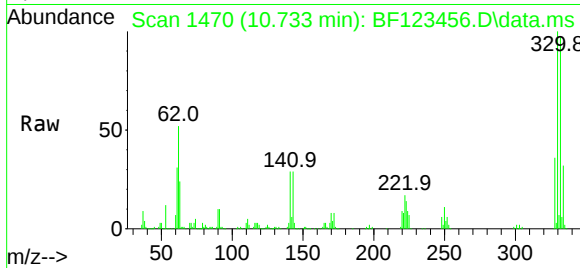




#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

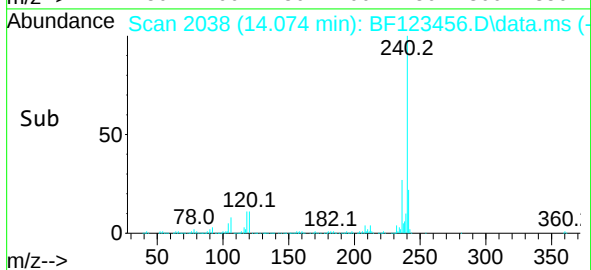
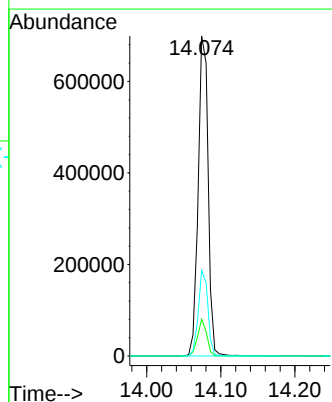
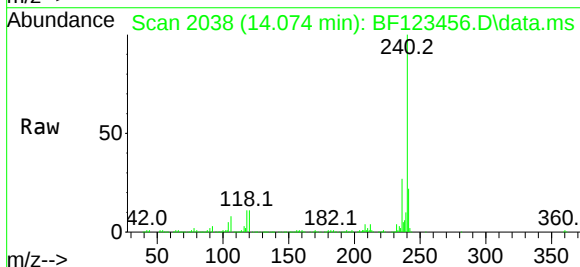
Instrument :
BNA_F
ClientSampleId :
PB135237BL

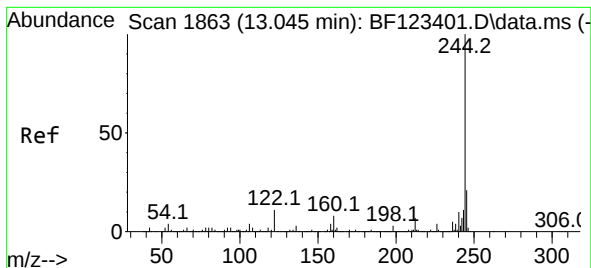
Tgt Ion:248 Resp: 33730
Ion Ratio Lower Upper
248 100
250 190.5 76.8 115.2#
141 497.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF123456.D
Acq: 25 Mar 2021 12:02

Tgt Ion:240 Resp: 651235
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.6 20.3 30.5





#79

Terphenyl-d14

Concen: 65.90 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF123456.D

Acq: 25 Mar 2021 12:02

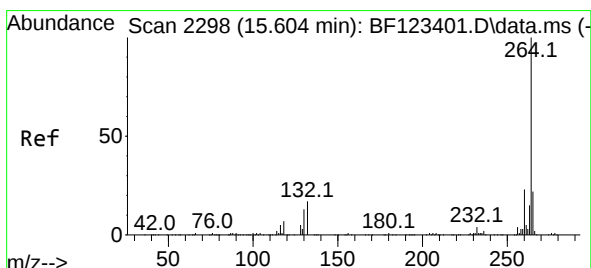
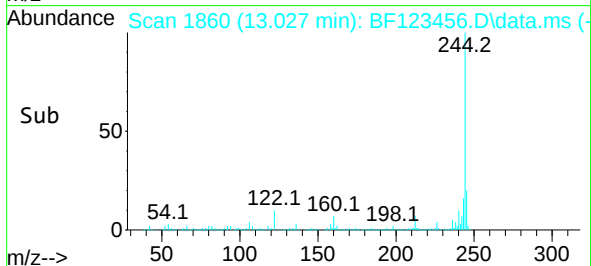
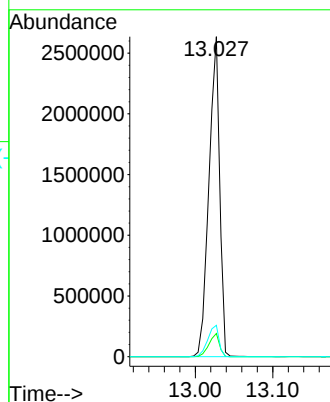
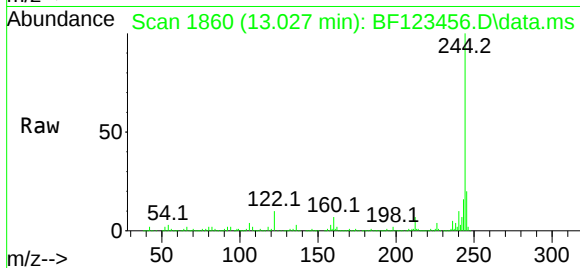
Tgt Ion:244 Resp: 2532448

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.8 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. -0.000 min

Lab File: BF123456.D

Acq: 25 Mar 2021 12:02

Tgt Ion:264 Resp: 612131

Ion Ratio Lower Upper

264 100

260 21.7 18.6 28.0

265 21.6 17.0 25.6

