

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123867.D
 Acq On : 7 May 2021 13:02
 Operator : JU/CG
 Sample : PB136202BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136202BL

Quant Time: May 07 13:54:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

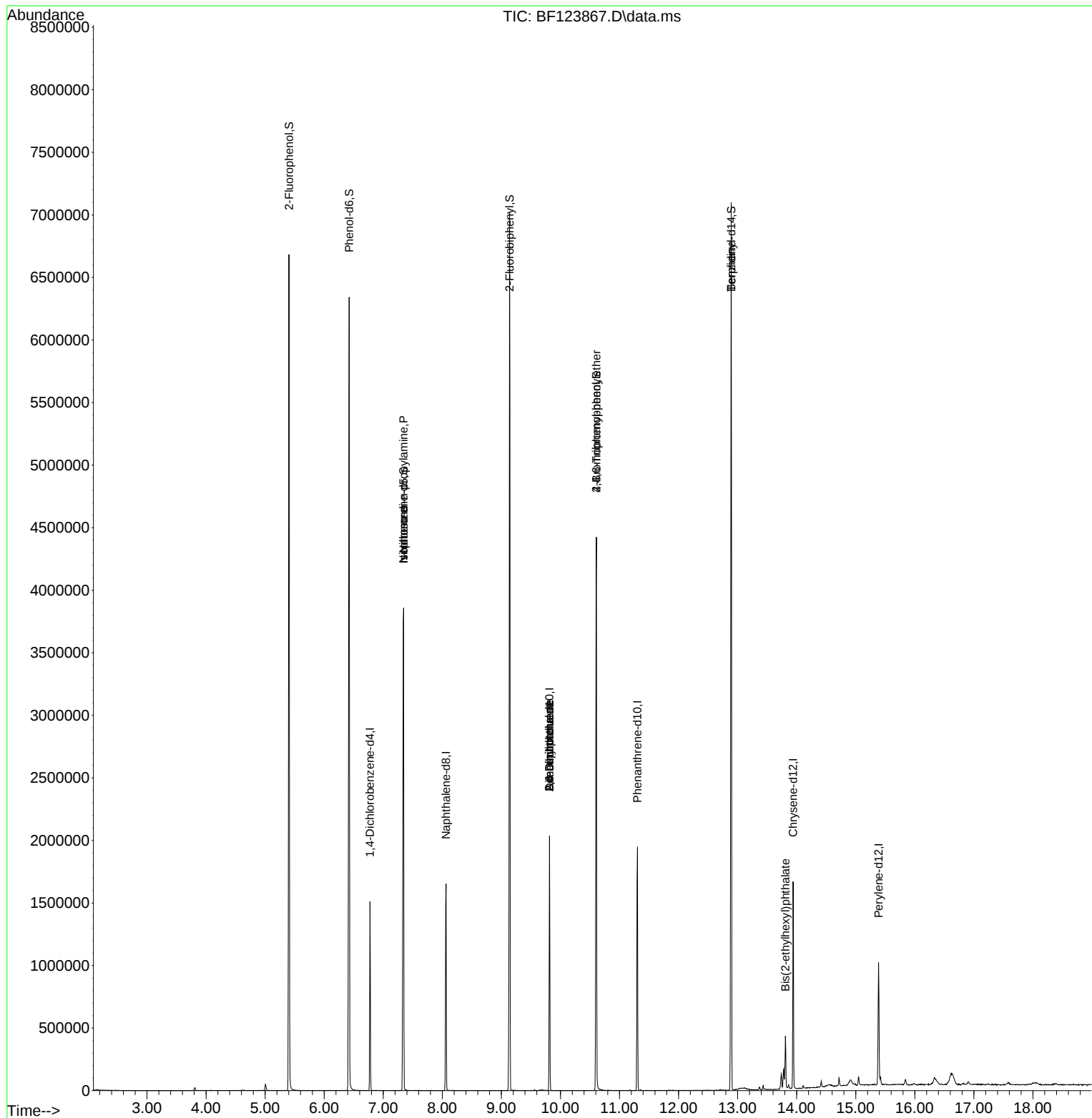
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	187282	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	710409	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	352358	20.00	ng	0.00
64) Phenanthrene-d10	11.304	188	675669	20.00	ng	0.00
76) Chrysene-d12	13.939	240	524584	20.00	ng	0.00
86) Perylene-d12	15.386	264	415342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1534432	129.80	ng	0.00
7) Phenol-d6	6.422	99	1952418	119.89	ng	0.00
23) Nitrobenzene-d5	7.345	82	1377559	87.54	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	542979	123.79	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	2108936	87.16	ng	0.00
79) Terphenyl-d14	12.892	244	2373180	87.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	188116	18.71	ng	# 70
25) Isophorone	7.345	82	1348208	45.69	ng	# 69
50) Dimethylphthalate	9.816	163	61821	2.49	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	45210	7.88	ng	# 11
57) 2,4-Dinitrotoluene	9.816	165	45210	5.78	ng	# 17
67) 4-Bromophenyl-phenylether	10.610	248	30701	4.31	ng	# 1
77) Benzidine	12.892	184	32209	2.37	ng	97
84) Bis(2-ethylhexyl)phtha...	13.809	149	126343	5.85	ng	# 53

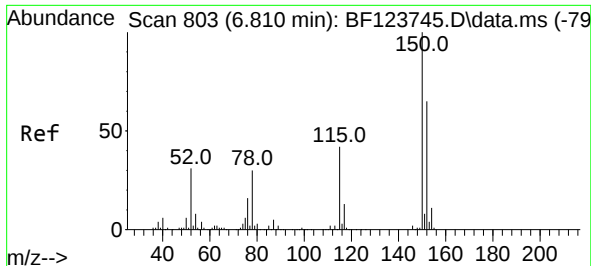
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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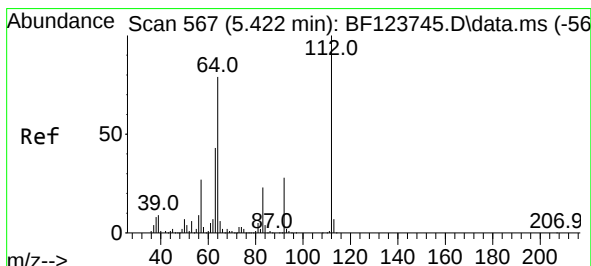
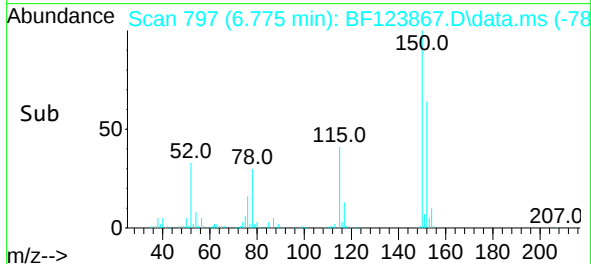
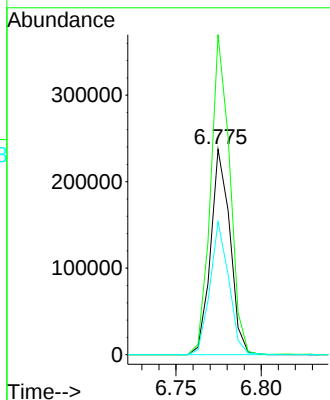
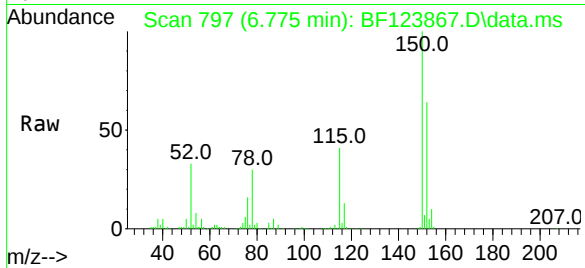




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

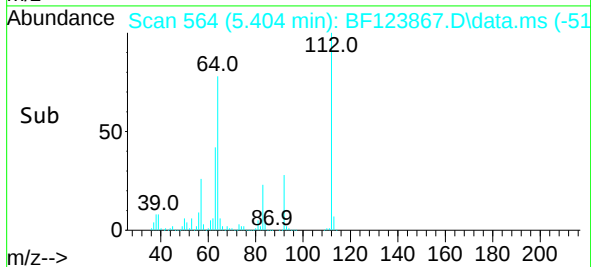
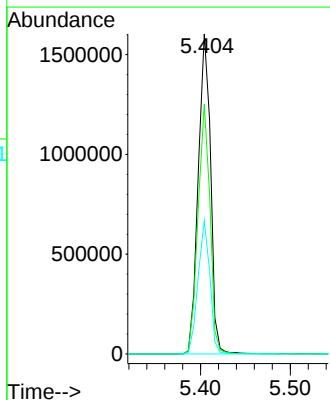
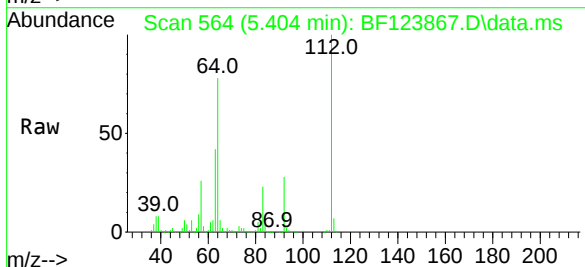
Instrument :
BNA_F
ClientSampleId :
PB136202BL

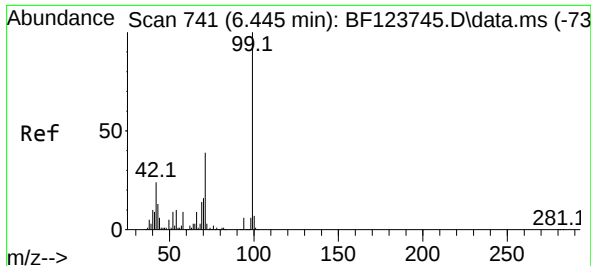
Tgt Ion:152 Resp: 187282
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 129.80 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion:112 Resp: 1534432
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 41.6 33.0 49.4

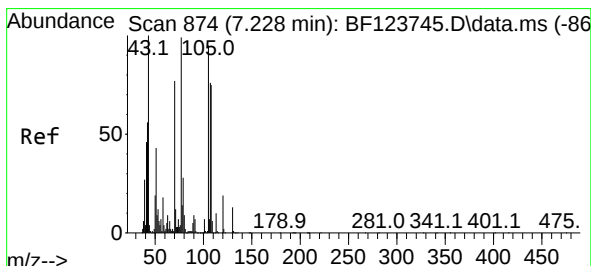
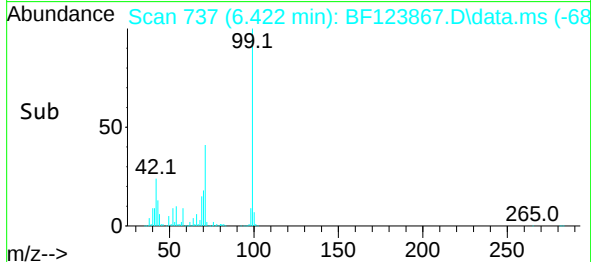
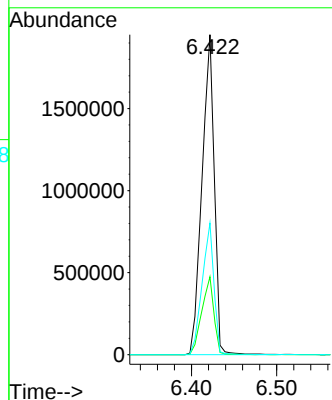
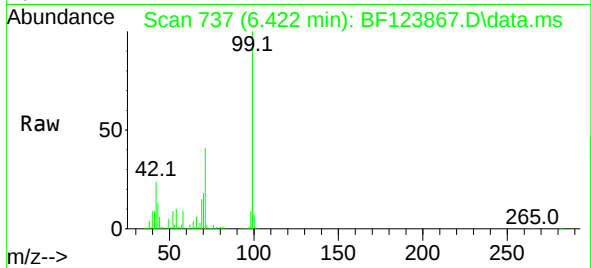




#7
Phenol-d6
Concen: 119.89 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

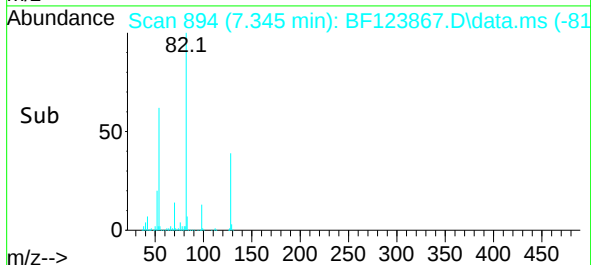
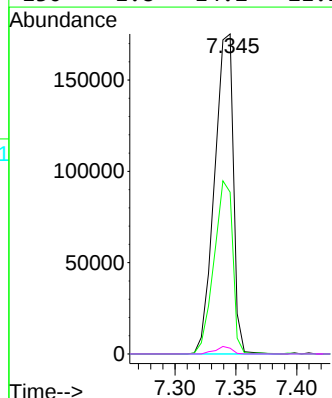
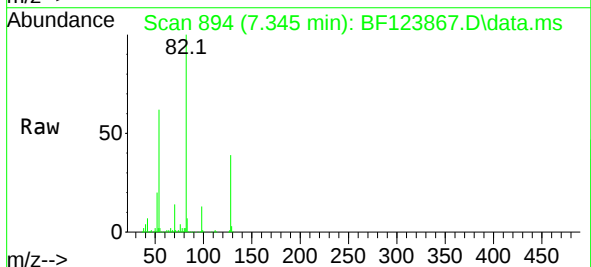
Instrument :
BNA_F
ClientSampleId :
PB136202BL

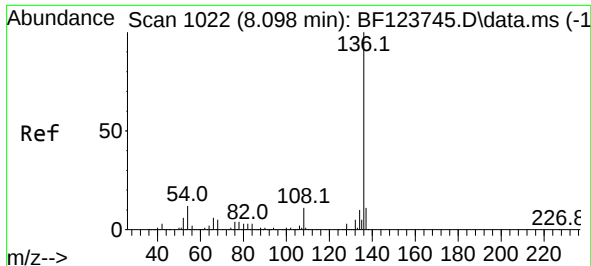
Tgt Ion: 99 Resp: 1952418
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 41.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.71 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion: 70 Resp: 188116
Ion Ratio Lower Upper
70 100
42 50.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



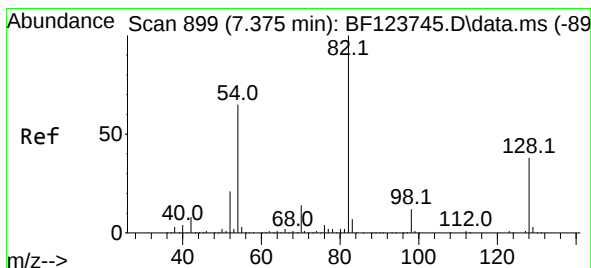
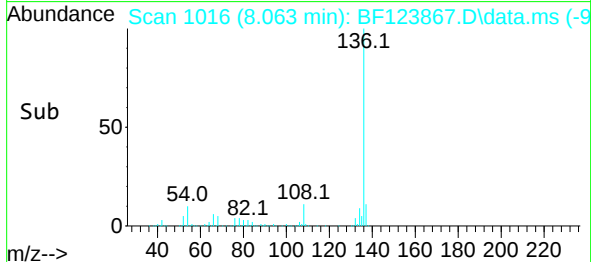
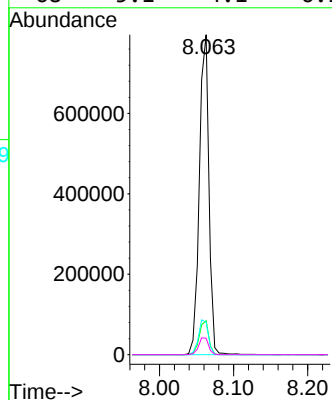
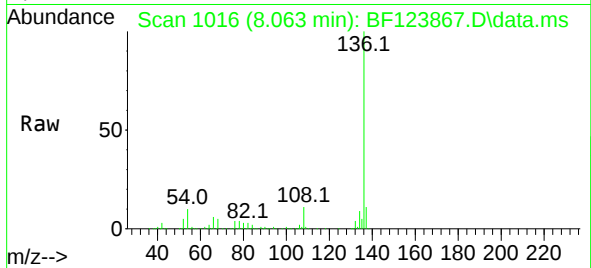


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Instrument :
BNA_F
ClientSampleId :
PB136202BL

Tgt Ion:136 Resp: 710409

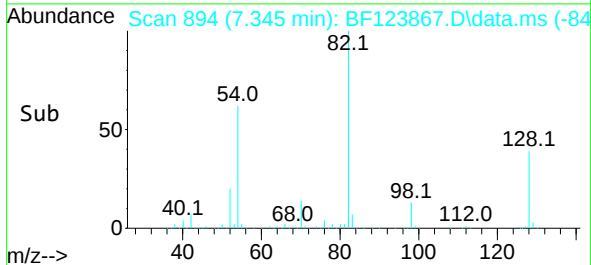
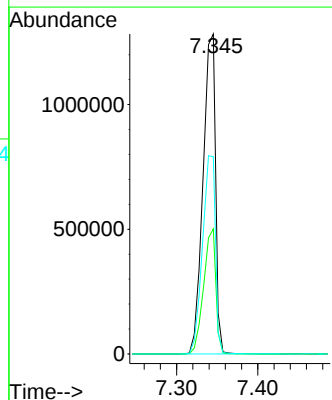
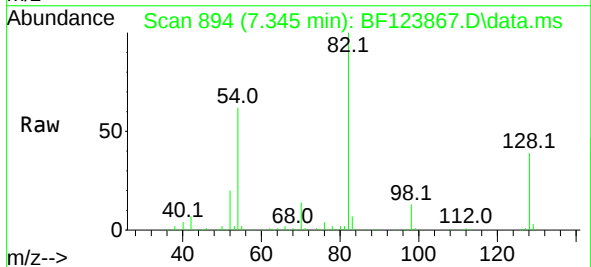
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.1	9.8	14.6
68	5.1	4.1	6.1

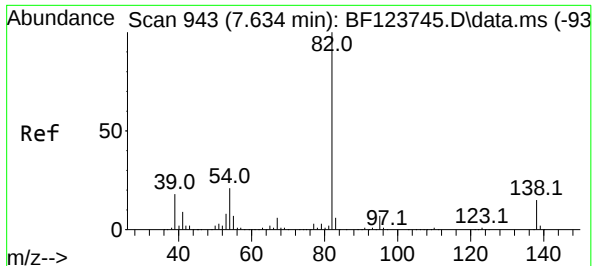


#23
Nitrobenzene-d5
Concen: 87.54 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion: 82 Resp: 1377559

Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.4	44.2
54	61.7	54.1	81.1

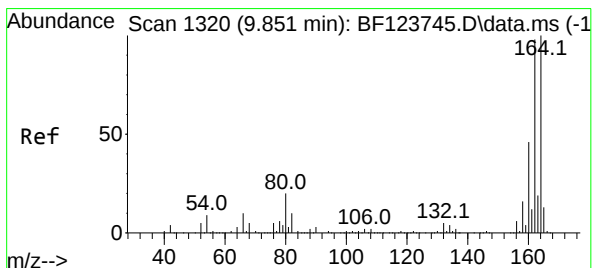
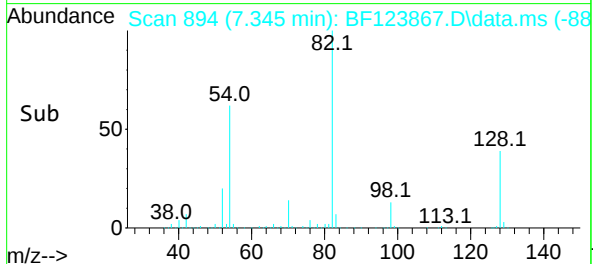
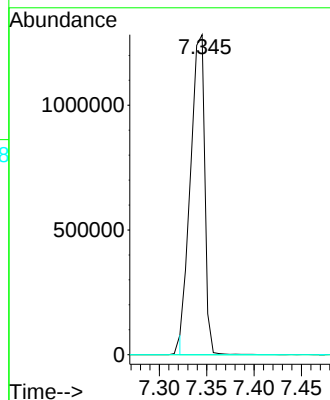
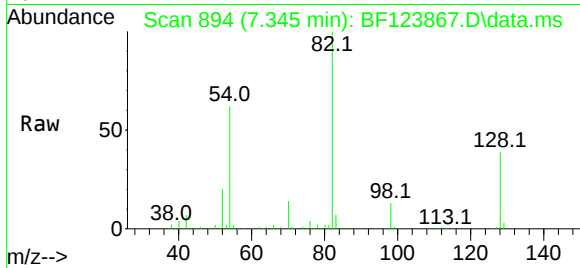




#25
Isophorone
Concen: 45.69 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

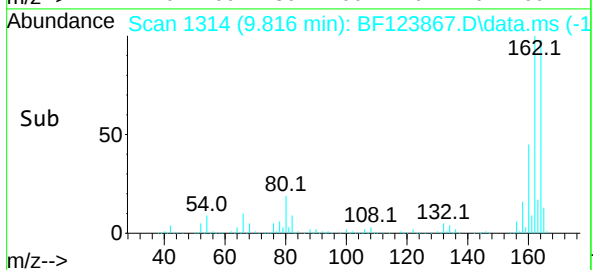
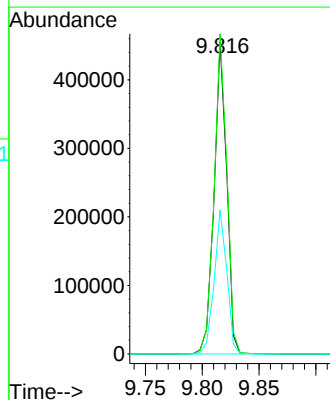
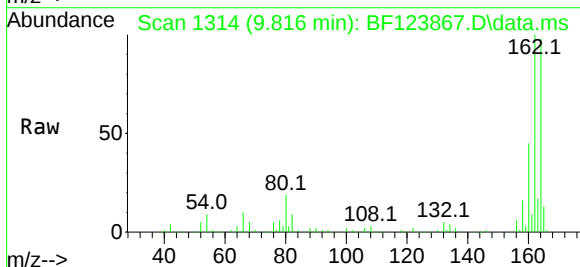
Instrument :
BNA_F
ClientSampleId :
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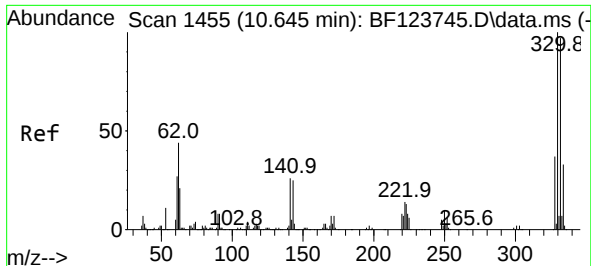
Tgt Ion: 82 Resp: 1348208
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion: 164 Resp: 352358
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 46.0 37.3 55.9

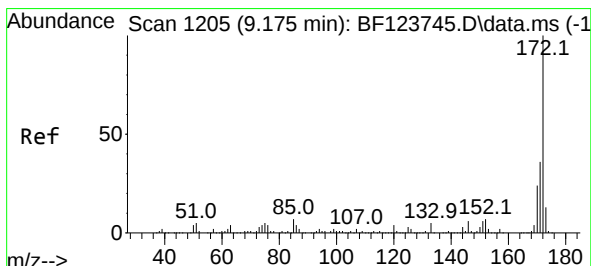
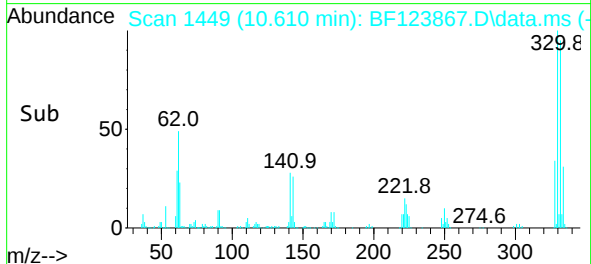
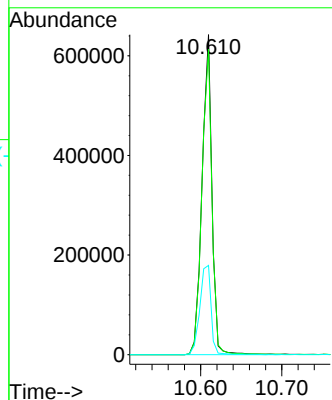
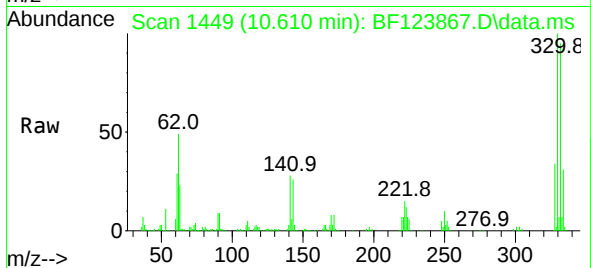




#42
2,4,6-Tribromophenol
Concen: 123.79 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

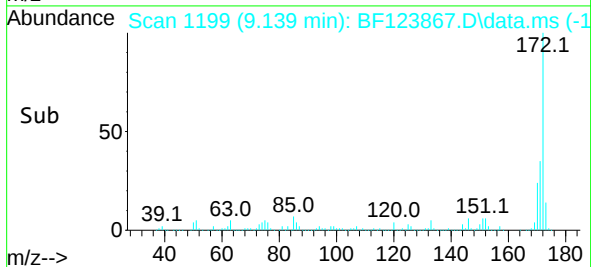
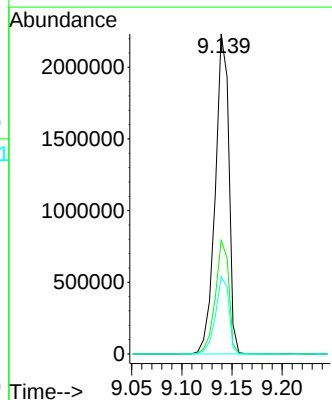
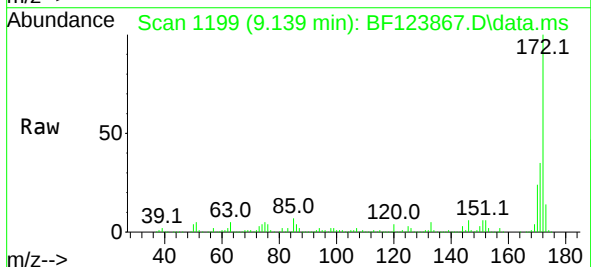
Instrument :
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ClientSampleId :
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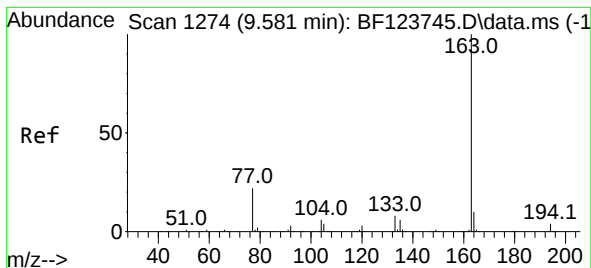
Tgt Ion:330 Resp: 542979
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 31.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion:172 Resp: 2108936
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.2 19.2 28.8





#50

Dimethylphthalate

Concen: 2.49 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.265 min

Lab File: BF123867.D

Acq: 7 May 2021 13:02

Tgt Ion:163 Resp: 61821

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

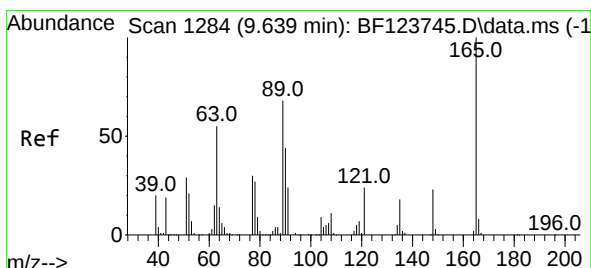
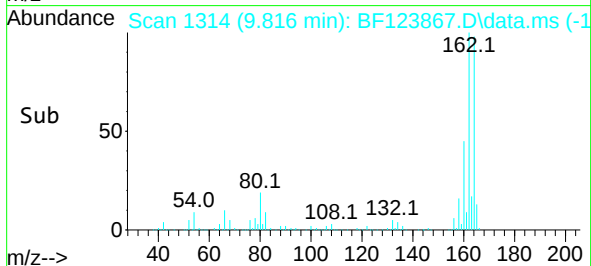
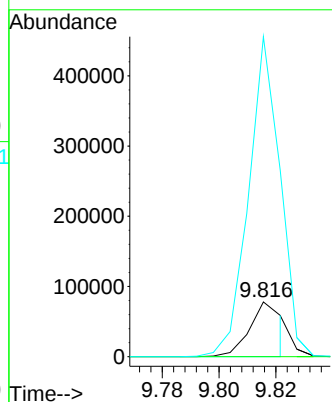
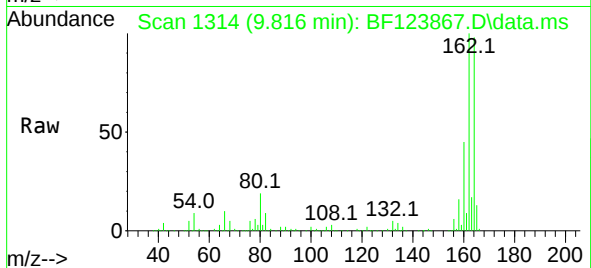
164 585.0 8.2 12.2#

Instrument :

BNA_F

ClientSampleId :

PB136202BL



#51

2,6-Dinitrotoluene

Concen: 7.88 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF123867.D

Acq: 7 May 2021 13:02

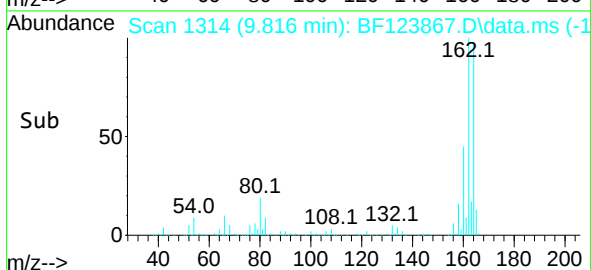
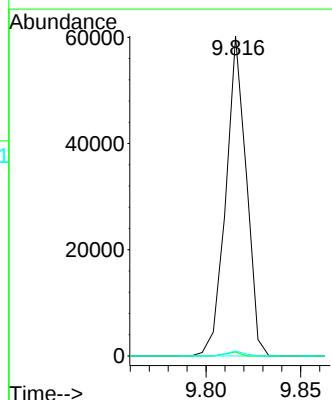
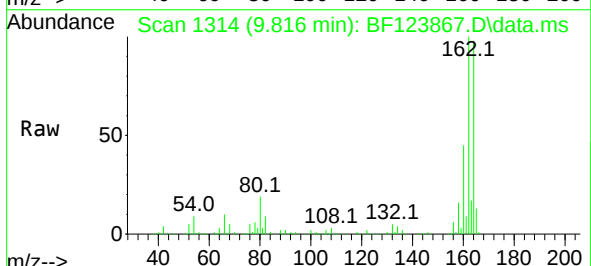
Tgt Ion:165 Resp: 45210

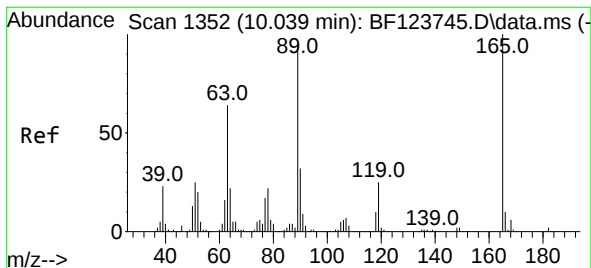
Ion Ratio Lower Upper

165 100

63 1.3 67.7 101.5#

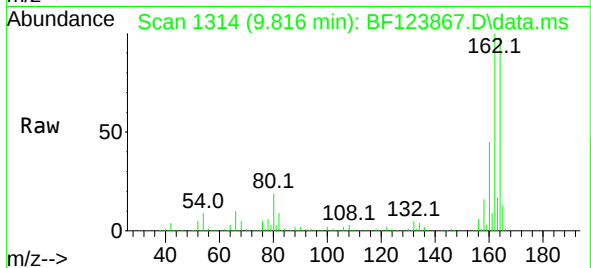
89 1.5 58.8 88.2#



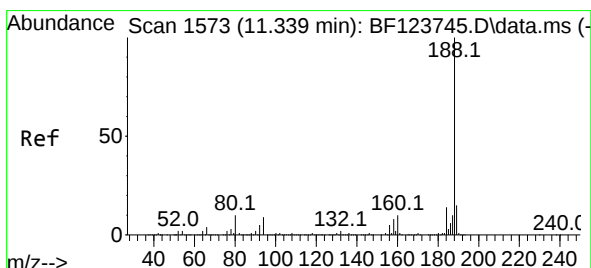
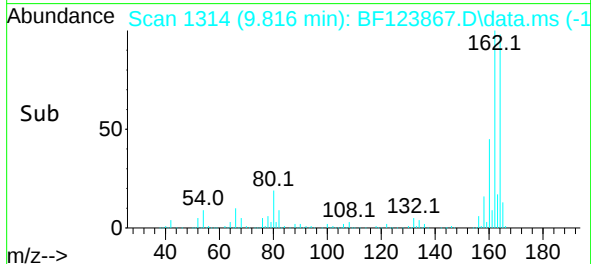
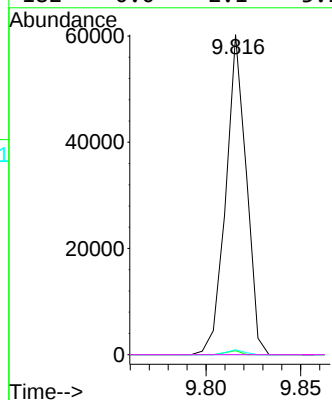


#57
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Instrument :
BNA_F
ClientSampleId :
PB136202BL

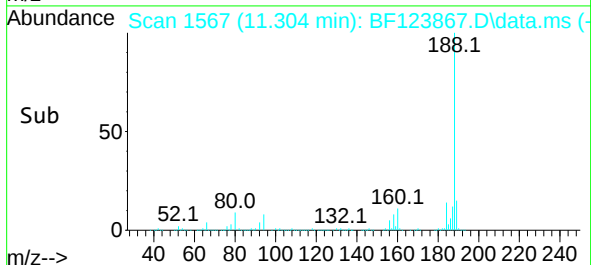
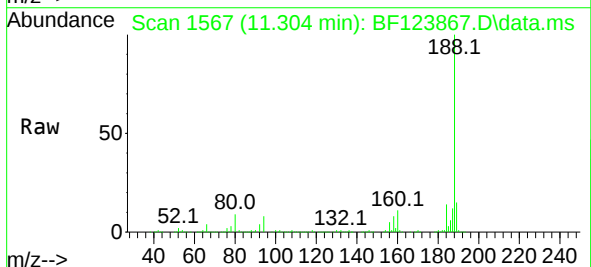
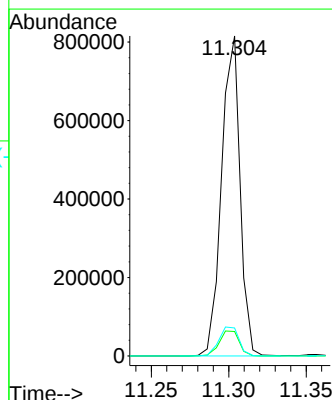


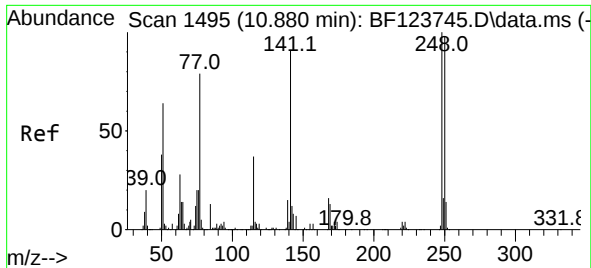
Tgt Ion:165 Resp: 45210
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 1.5 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion:188 Resp: 675669
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.8 8.2 12.2

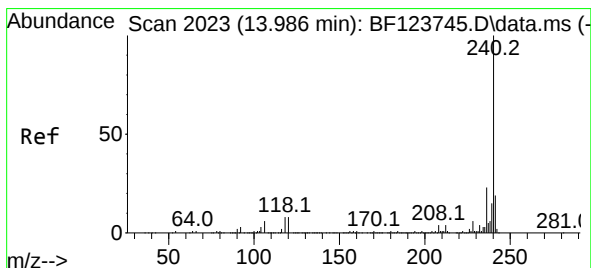
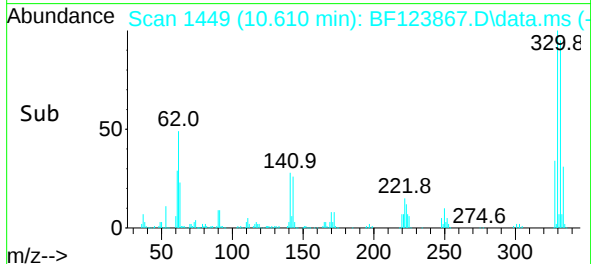
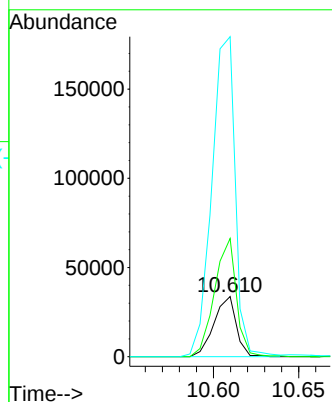
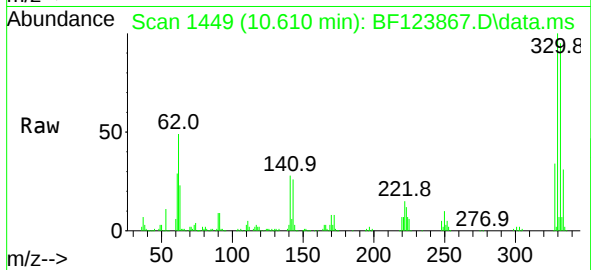




#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.241 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

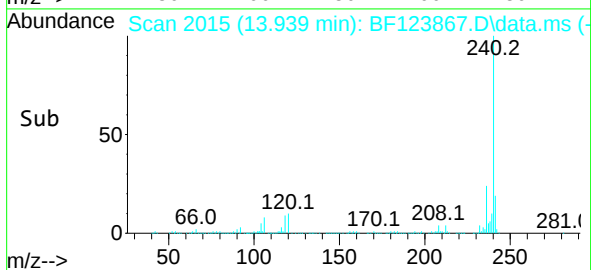
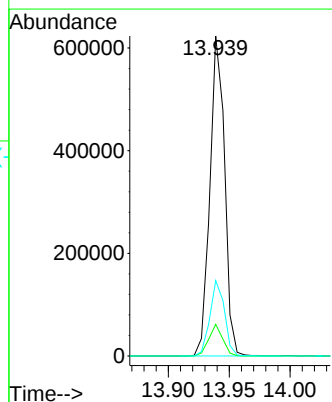
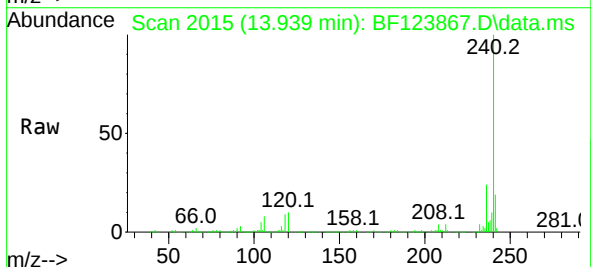
Instrument :
BNA_F
ClientSampleId :
PB136202BL

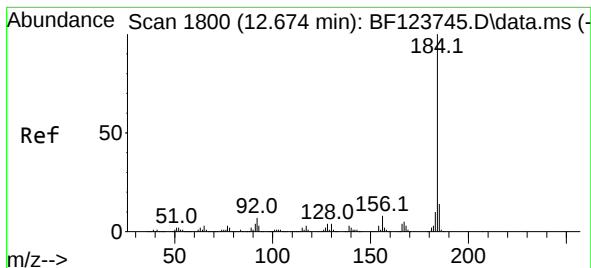
Tgt Ion:248 Resp: 30701
Ion Ratio Lower Upper
248 100
250 196.4 77.4 116.2#
141 531.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion:240 Resp: 524584
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 23.5 19.0 28.4





#77

Benzidine

Concen: 2.37 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF123867.D

Acq: 7 May 2021 13:02

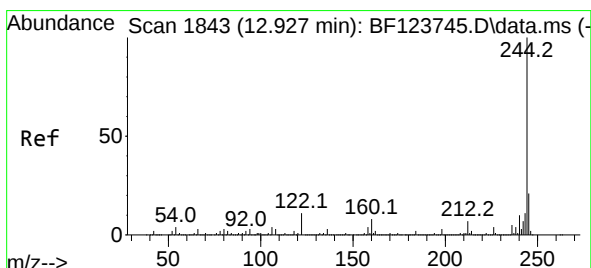
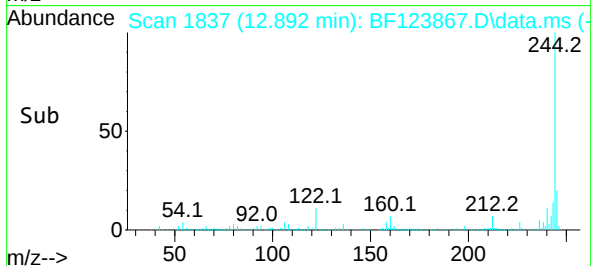
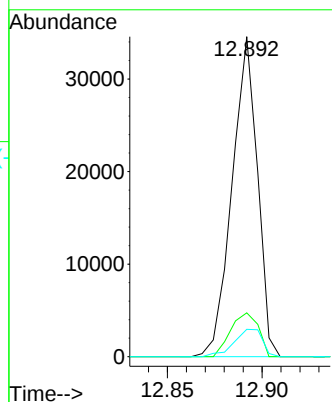
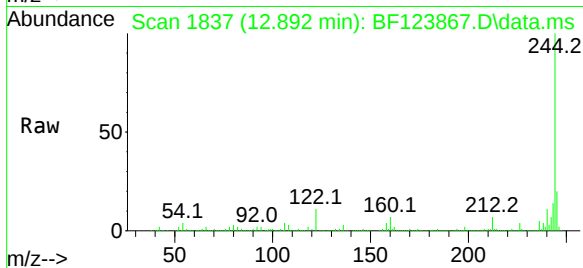
Tgt Ion:184 Resp: 32209

Ion Ratio Lower Upper

184 100

185 13.7 12.1 18.1

183 8.5 7.8 11.8



#79

Terphenyl-d14

Concen: 87.11 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF123867.D

Acq: 7 May 2021 13:02

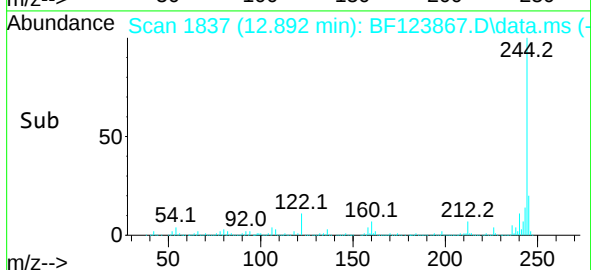
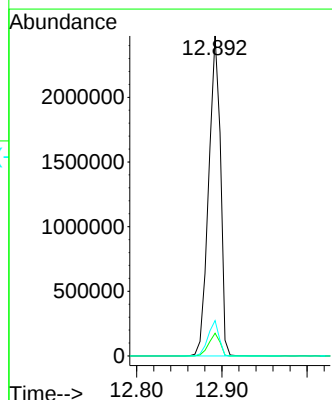
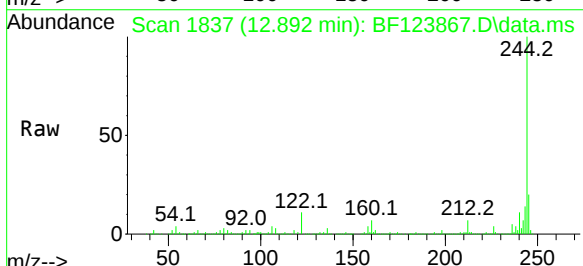
Tgt Ion:244 Resp: 2373180

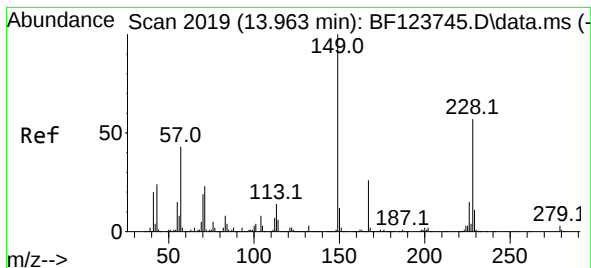
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.0 9.7 14.5

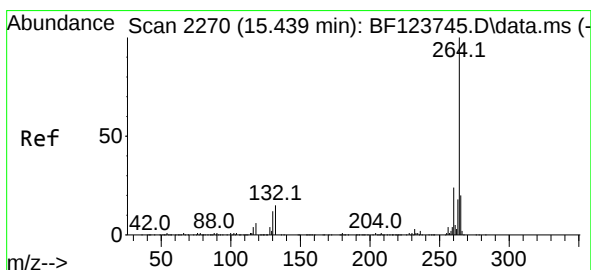
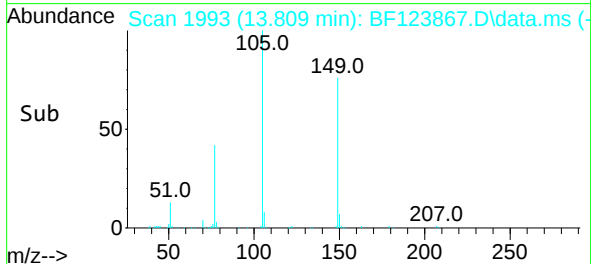
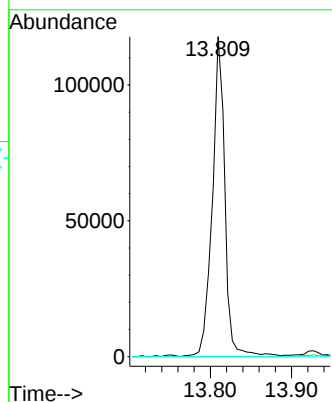
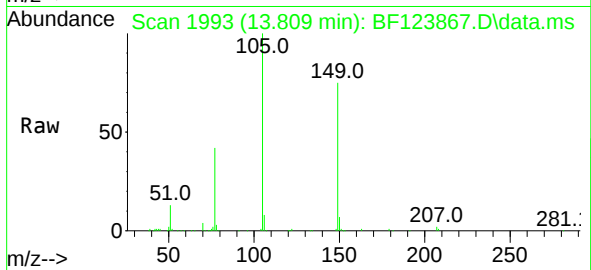




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.85 ng
RT: 13.809 min Scan# 1993
Delta R.T. -0.118 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Instrument :
BNA_F
ClientSampleId :
PB136202BL

Tgt Ion:149 Resp: 126343
Ion Ratio Lower Upper
149 100
167 0.0 21.8 32.6#
279 0.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF123867.D
Acq: 7 May 2021 13:02

Tgt Ion:264 Resp: 415342
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.7 17.8 26.8

