

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123804.D
 Acq On : 4 May 2021 12:49
 Operator : JU/CG
 Sample : PB136145BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136145BL

Quant Time: May 04 13:14:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

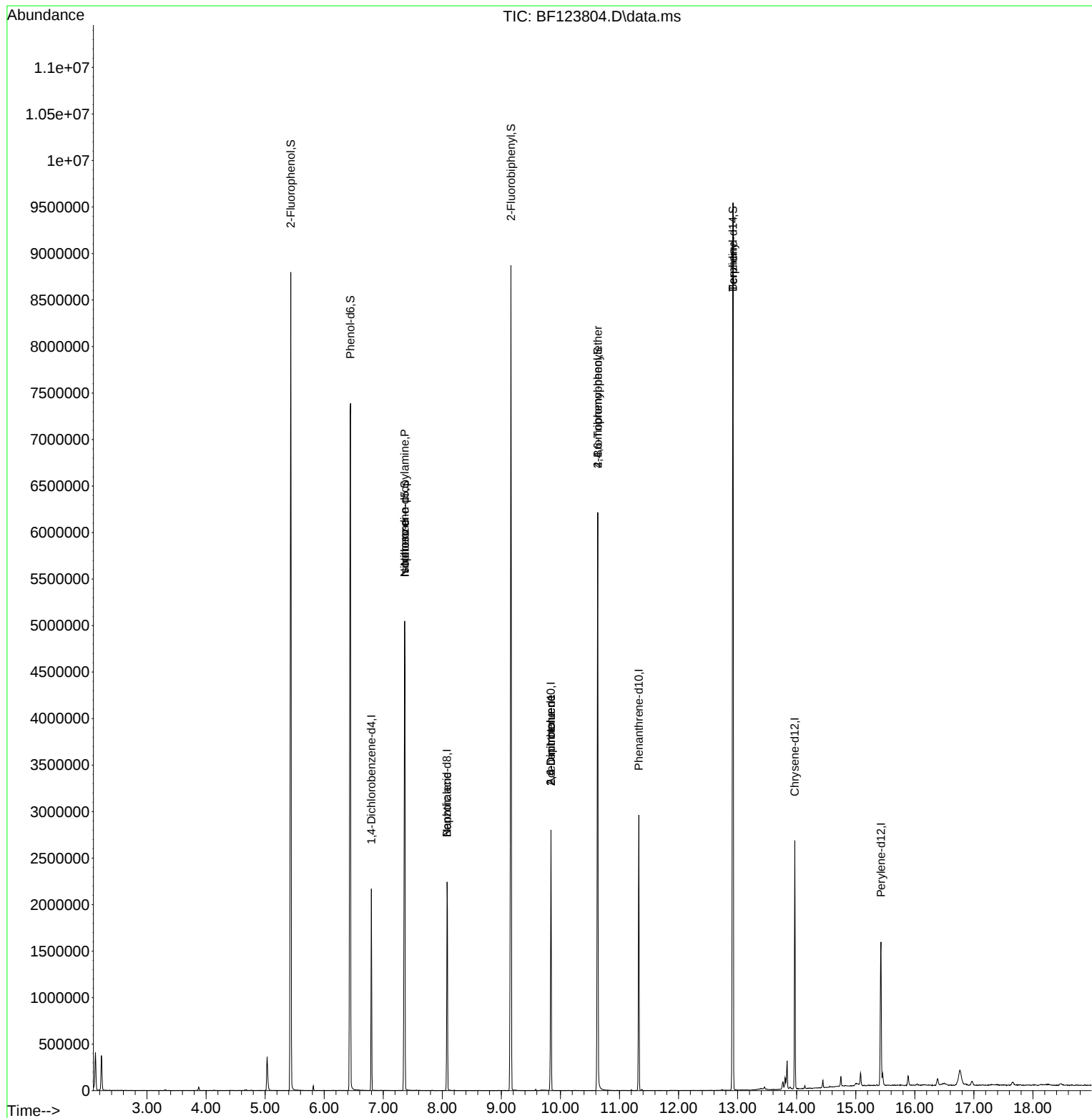
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	264896	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	995202	20.00	ng	0.00
39) Acenaphthene-d10	9.839	164	515949	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	998736	20.00	ng	0.00
76) Chrysene-d12	13.968	240	829372	20.00	ng	0.00
86) Perylene-d12	15.427	264	700356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2096228	125.37	ng	0.01
7) Phenol-d6	6.445	99	2662400	115.59	ng	0.00
23) Nitrobenzene-d5	7.363	82	1891525	85.80	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	758756	118.13	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2848684	80.41	ng	0.00
79) Terphenyl-d14	12.921	244	3258638	75.66	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	255252	17.95	ng	# 74
25) Isophorone	7.363	82	1886542	45.64	ng	# 69
32) Benzoic acid	8.081	122	124	5.40	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	64187	7.64	ng	# 12
57) 2,4-Dinitrotoluene	9.839	165	64187	5.60	ng	# 17
67) 4-Bromophenyl-phenylether	10.633	248	42581	4.05	ng	# 1
77) Benzidine	12.921	184	45503	2.12	ng	98

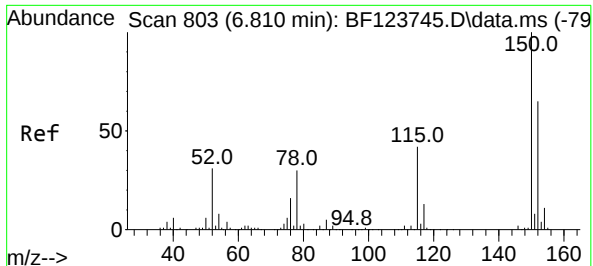
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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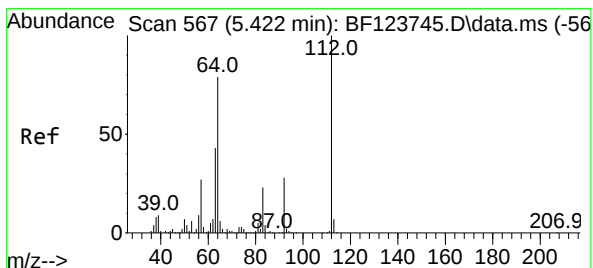
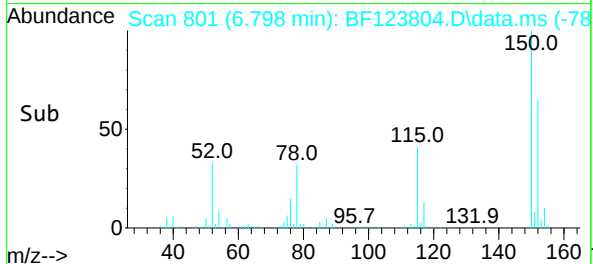
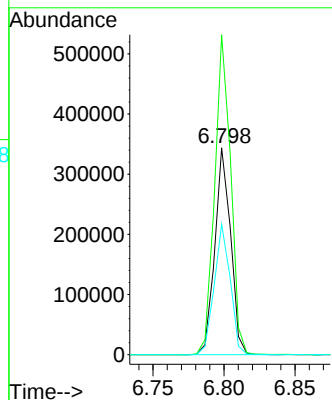
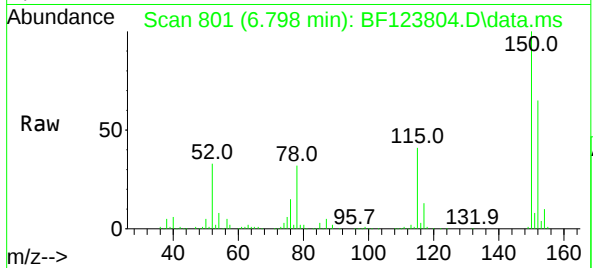




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

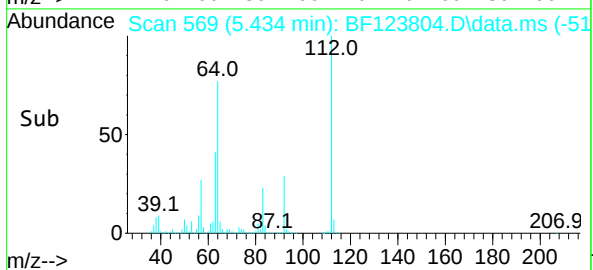
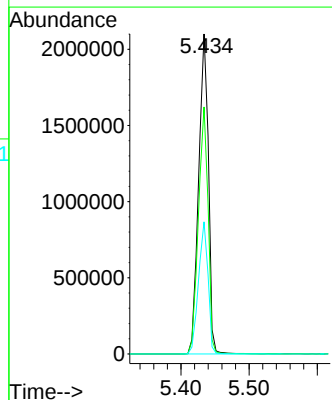
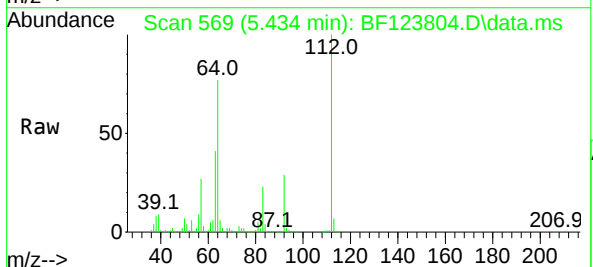
Instrument :
BNA_F
ClientSampleId :
PB136145BL

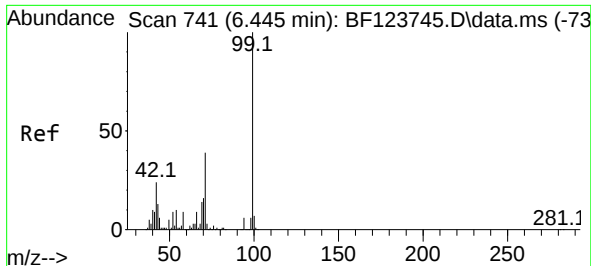
Tgt Ion:152 Resp: 264896
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 125.37 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion:112 Resp: 2096228
Ion Ratio Lower Upper
112 100
64 77.2 61.4 92.0
63 41.3 33.0 49.4

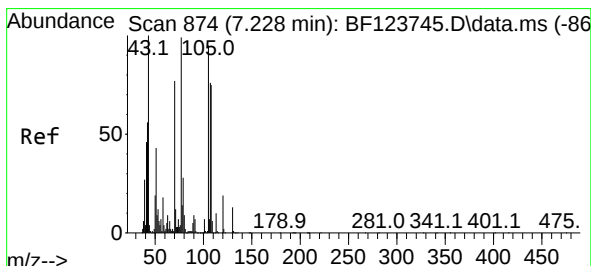
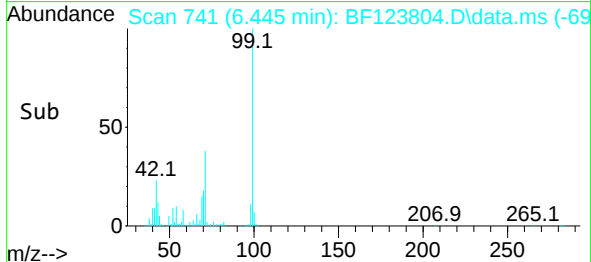
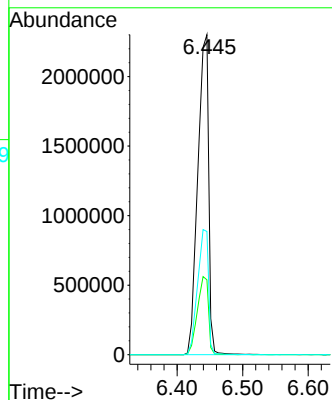
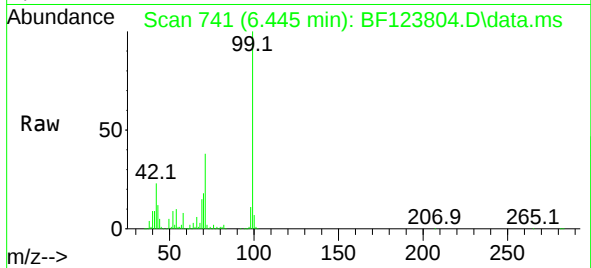




#7
Phenol-d6
Concen: 115.59 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

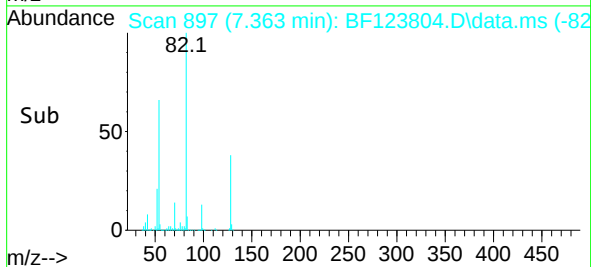
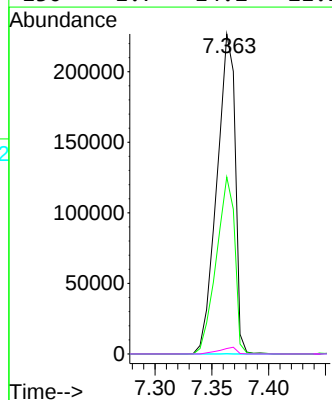
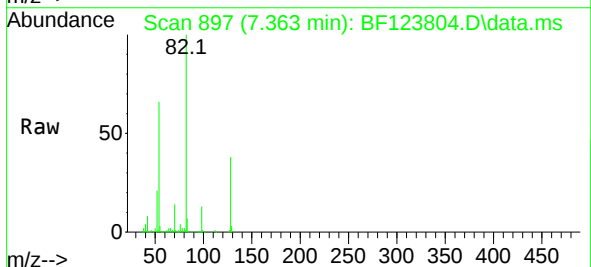
Instrument :
BNA_F
ClientSampleId :
PB136145BL

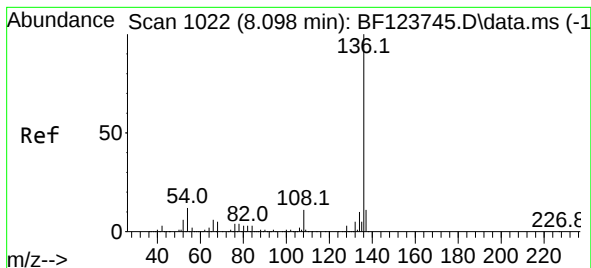
Tgt Ion: 99 Resp: 2662400
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.8
71 38.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion: 70 Resp: 255252
Ion Ratio Lower Upper
70 100
42 55.3 60.1 90.1#
101 0.2 7.4 11.2#
130 1.7 14.2 21.2#



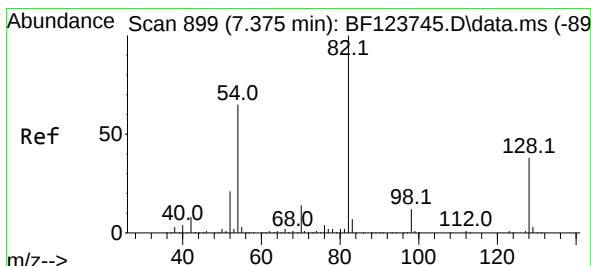
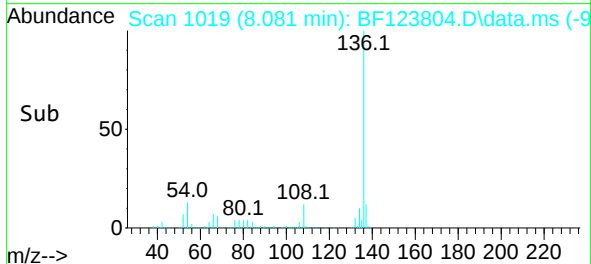
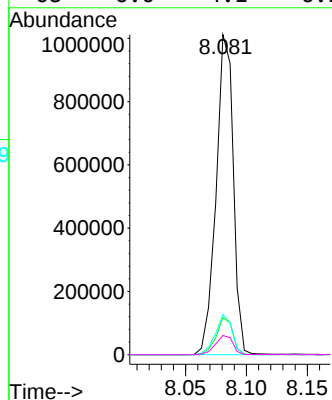
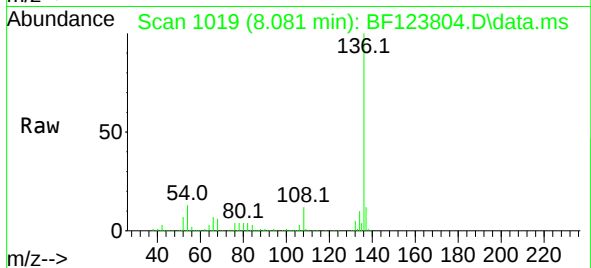


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Instrument :
BNA_F
ClientSampleId :
PB136145BL

Tgt Ion:136 Resp: 995202

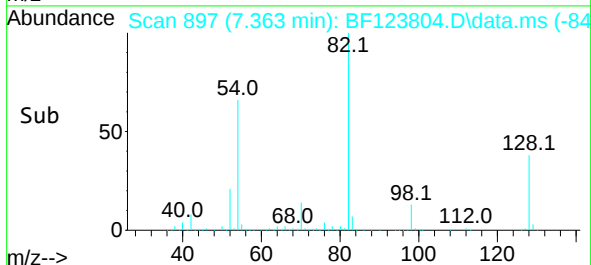
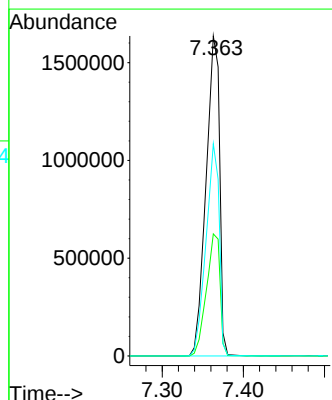
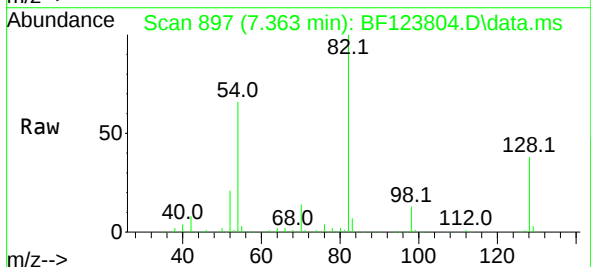
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	12.6	9.8	14.6
68	6.0	4.1	6.1

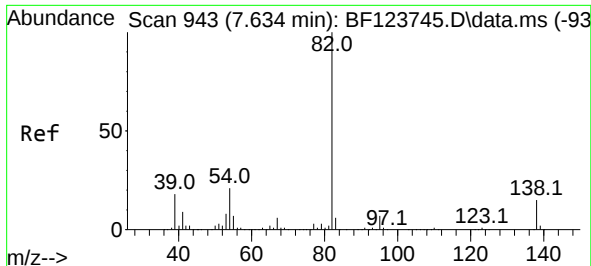


#23
Nitrobenzene-d5
Concen: 85.80 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion: 82 Resp: 1891525

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	66.3	54.1	81.1

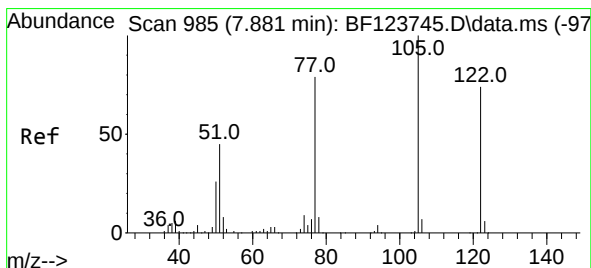
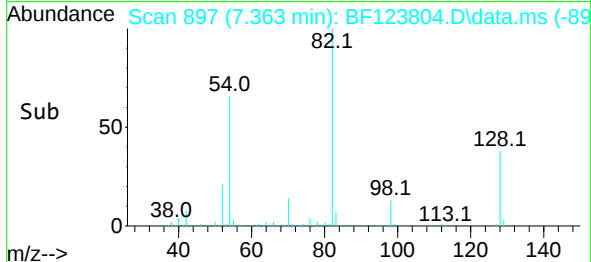
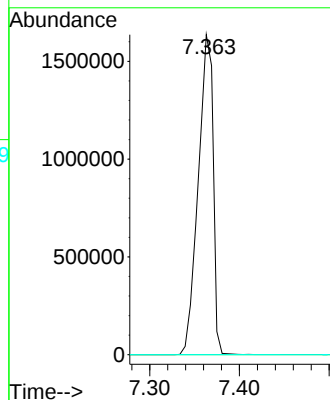
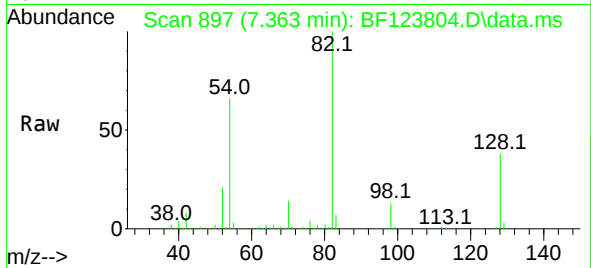




#25
Isophorone
Concen: 45.64 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

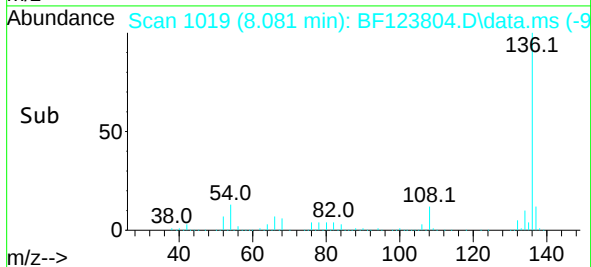
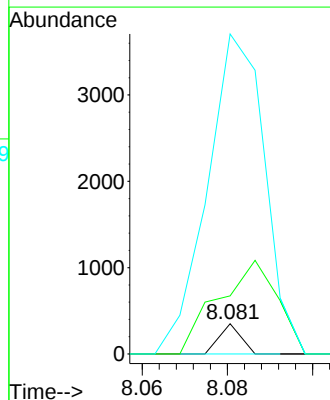
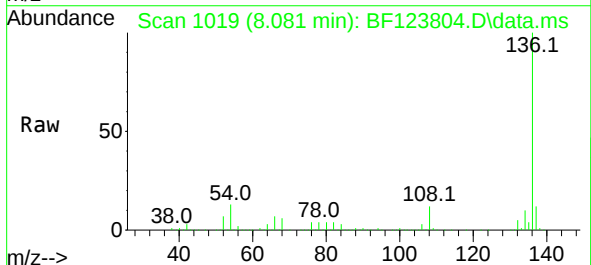
Instrument :
BNA_F
ClientSampleId :
PB136145BL

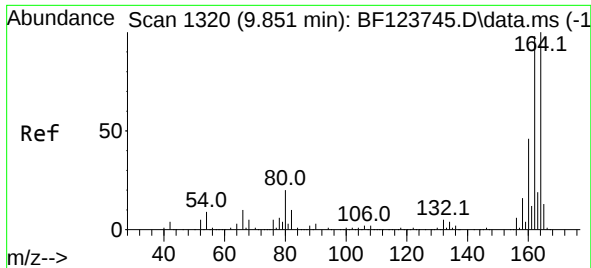
Tgt Ion: 82 Resp: 1886542
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.200 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

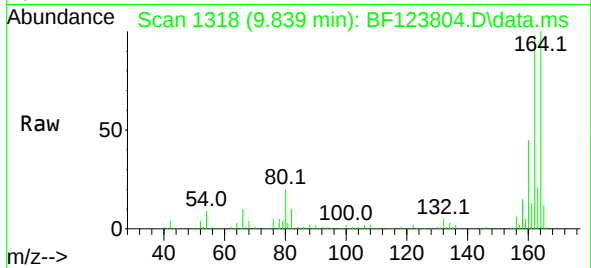
Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 191.7 107.8 147.8#
77 1056.1 81.6 121.6#



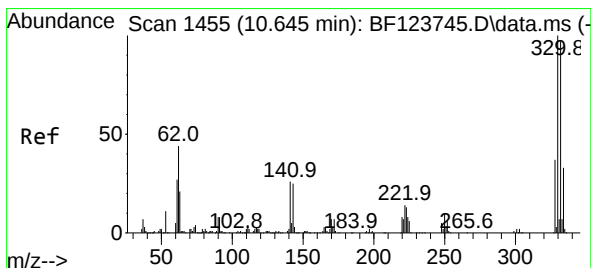
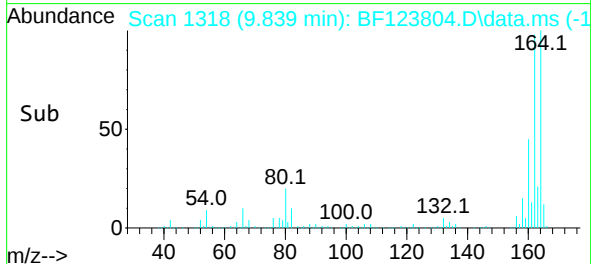
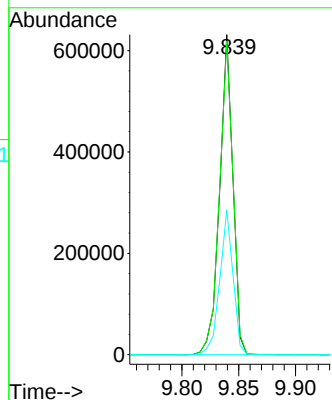


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Instrument :
BNA_F
ClientSampleId :
PB136145BL

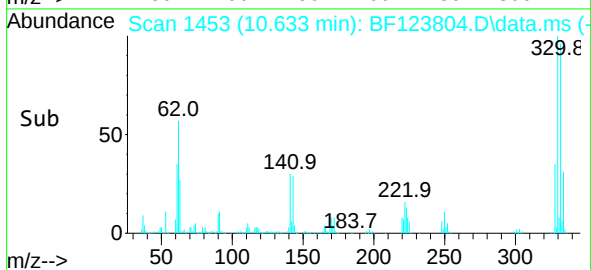
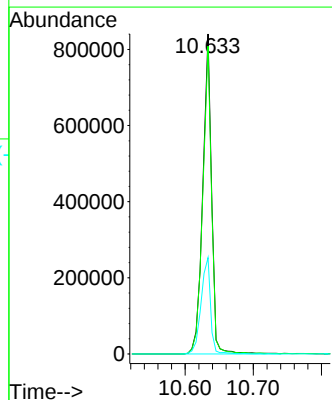
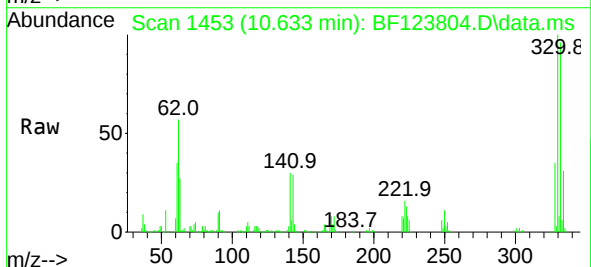


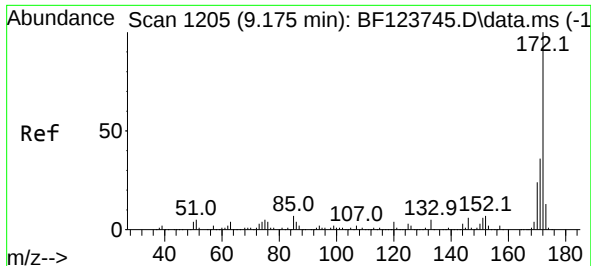
Tgt Ion:164 Resp: 515949
Ion Ratio Lower Upper
164 100
162 98.0 80.7 121.1
160 45.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 118.13 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion:330 Resp: 758756
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.3 27.9 41.9

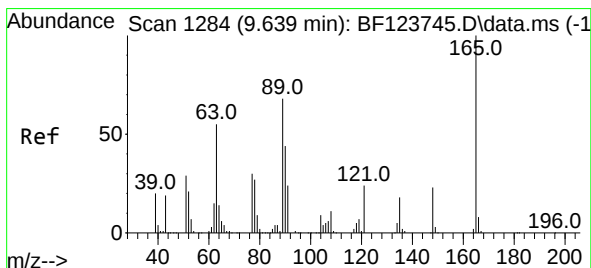
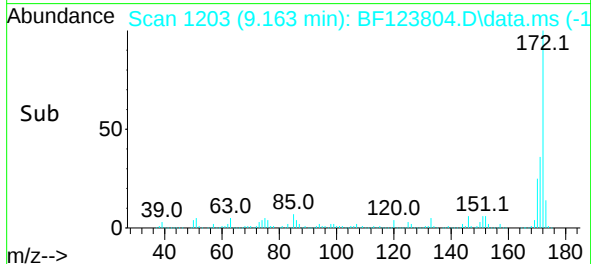
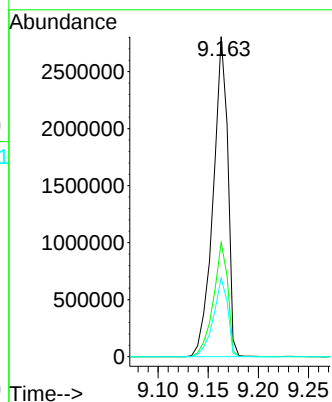
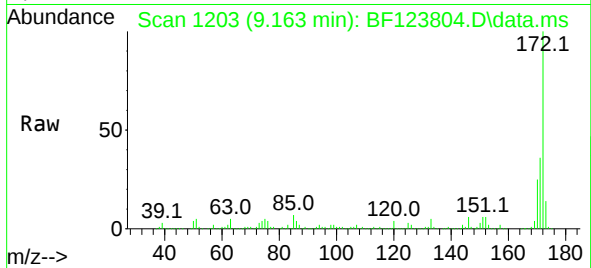




#45
2-Fluorobiphenyl
Concen: 80.41 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

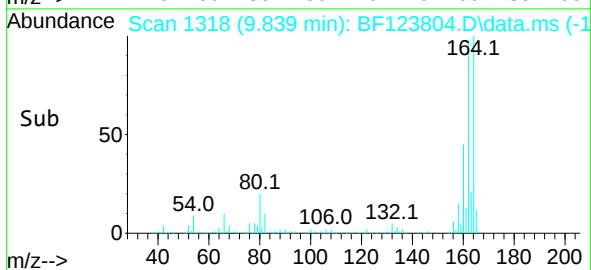
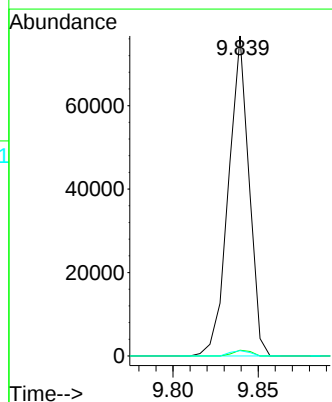
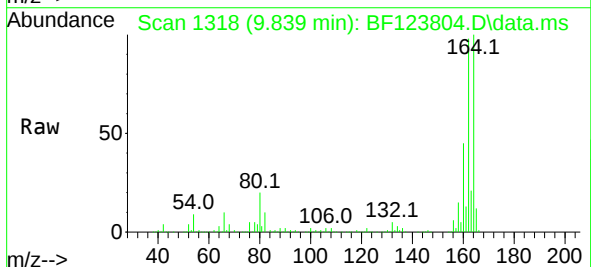
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BNA_F
ClientSampleId :
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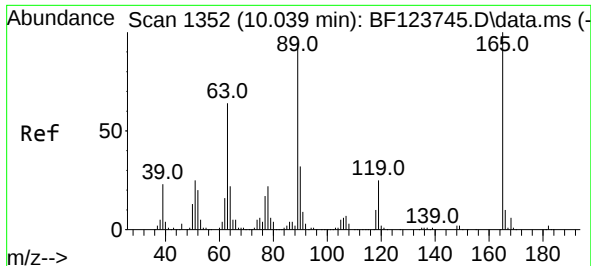
Tgt Ion:172 Resp: 2848684
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion:165 Resp: 64187
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.7 58.8 88.2#

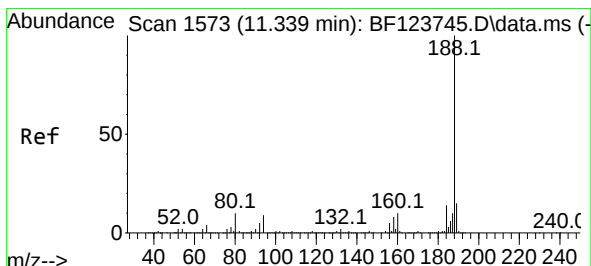
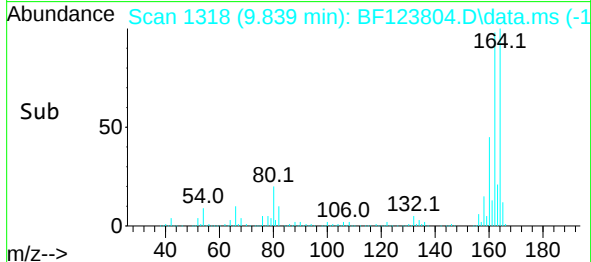
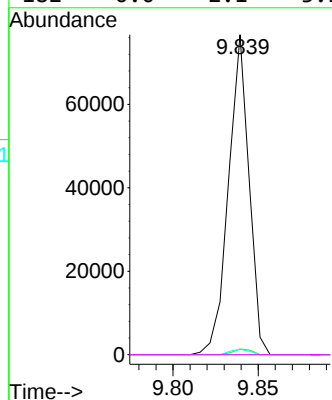
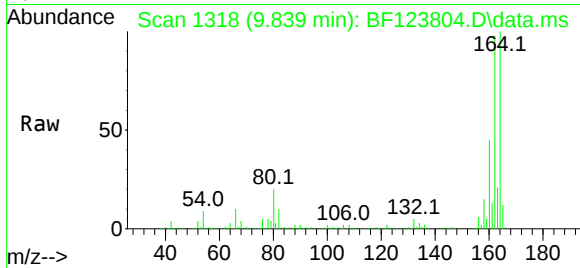




#57
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

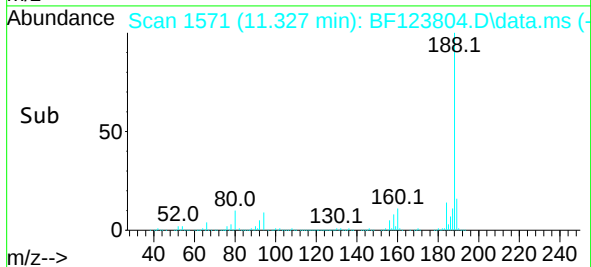
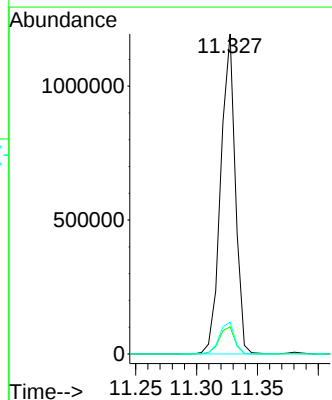
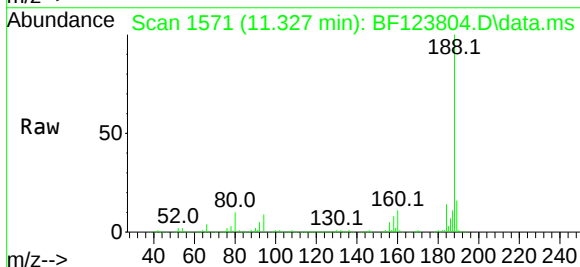
Instrument :
BNA_F
ClientSampleId :
PB136145BL

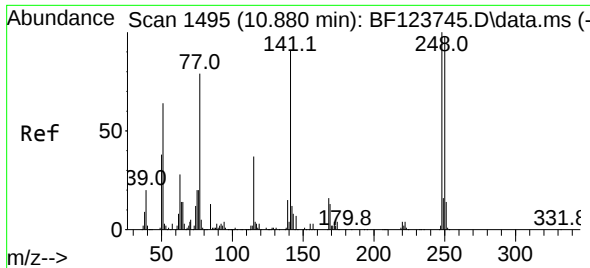
Tgt Ion:165 Resp: 64187
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion:188 Resp: 998736
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.9 8.2 12.2

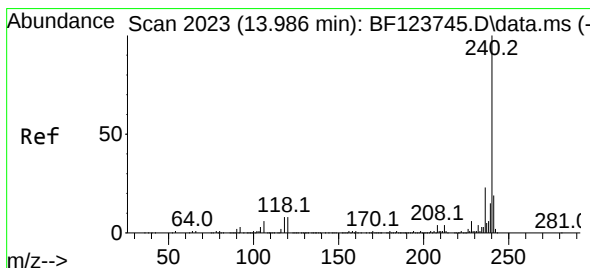
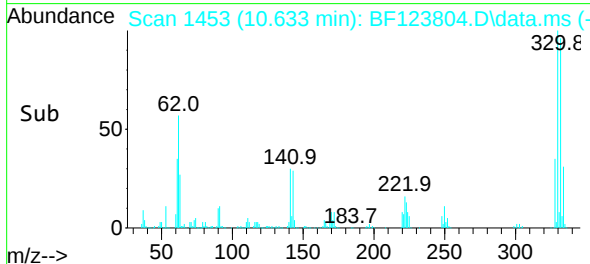
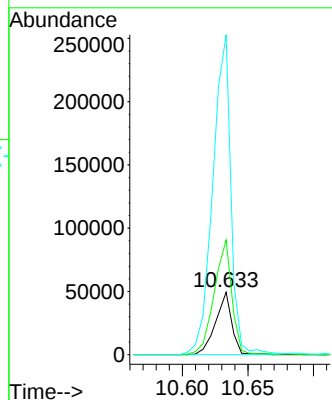
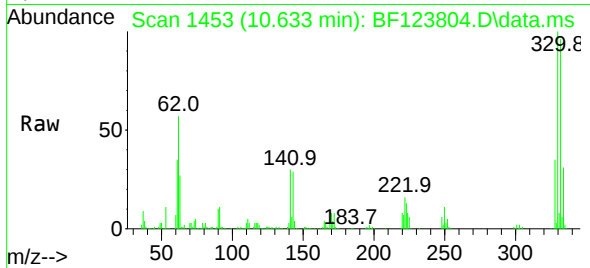




#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

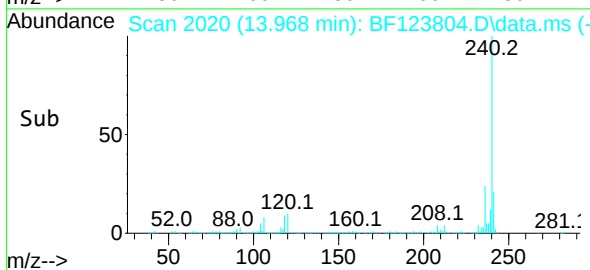
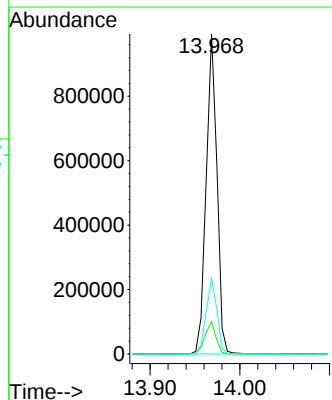
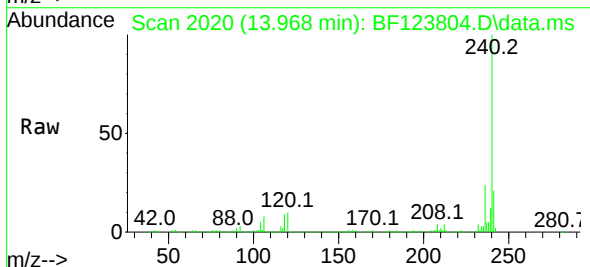
Instrument :
BNA_F
ClientSampled :
PB136145BL

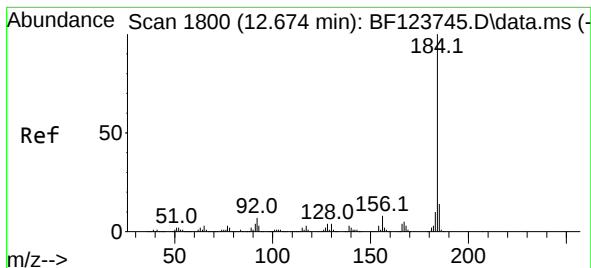
Tgt Ion:248 Resp: 42581
Ion Ratio Lower Upper
248 100
250 183.7 77.4 116.2#
141 512.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123804.D
Acq: 4 May 2021 12:49

Tgt Ion:240 Resp: 829372
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 23.6 19.0 28.4





#77

Benzidine

Concen: 2.12 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF123804.D

Acq: 4 May 2021 12:49

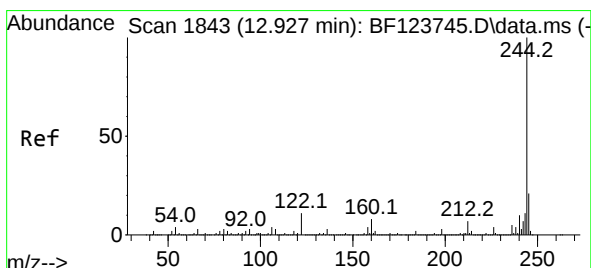
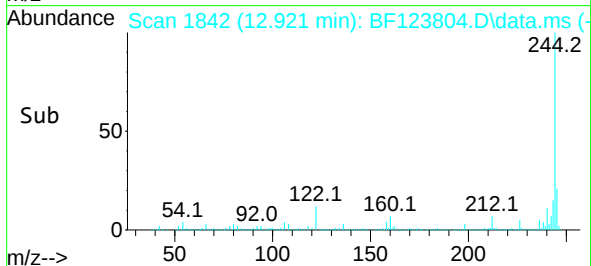
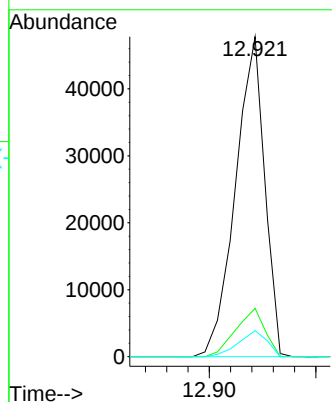
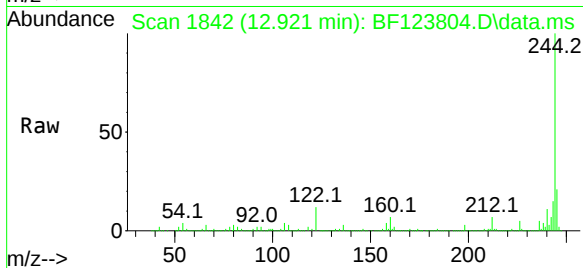
Tgt Ion:184 Resp: 45503

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

183 8.1 7.8 11.8



#79

Terphenyl-d14

Concen: 75.66 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BF123804.D

Acq: 4 May 2021 12:49

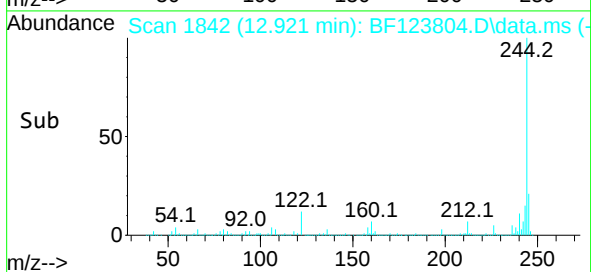
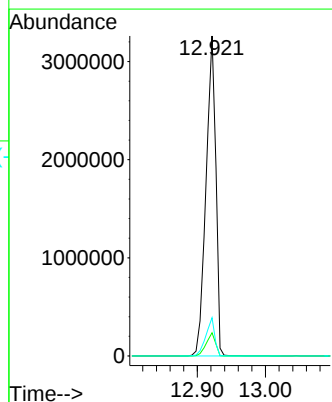
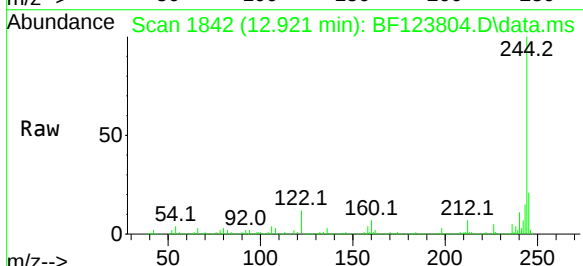
Tgt Ion:244 Resp: 3258638

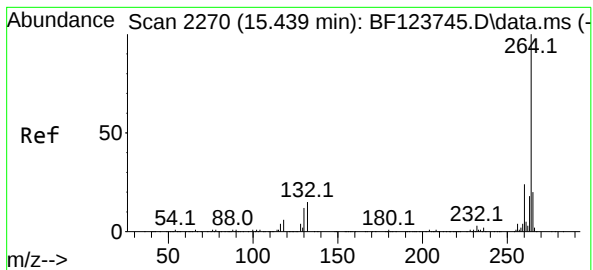
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF123804.D
 Acq: 4 May 2021 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB136145BL

Tgt Ion:264 Resp: 700356
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 20.1 17.8 26.8

