

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124342.D
 Acq On : 16 Jun 2021 12:41
 Operator : JU/CG
 Sample : PB137139TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137139TB

Quant Time: Jun 16 13:30:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

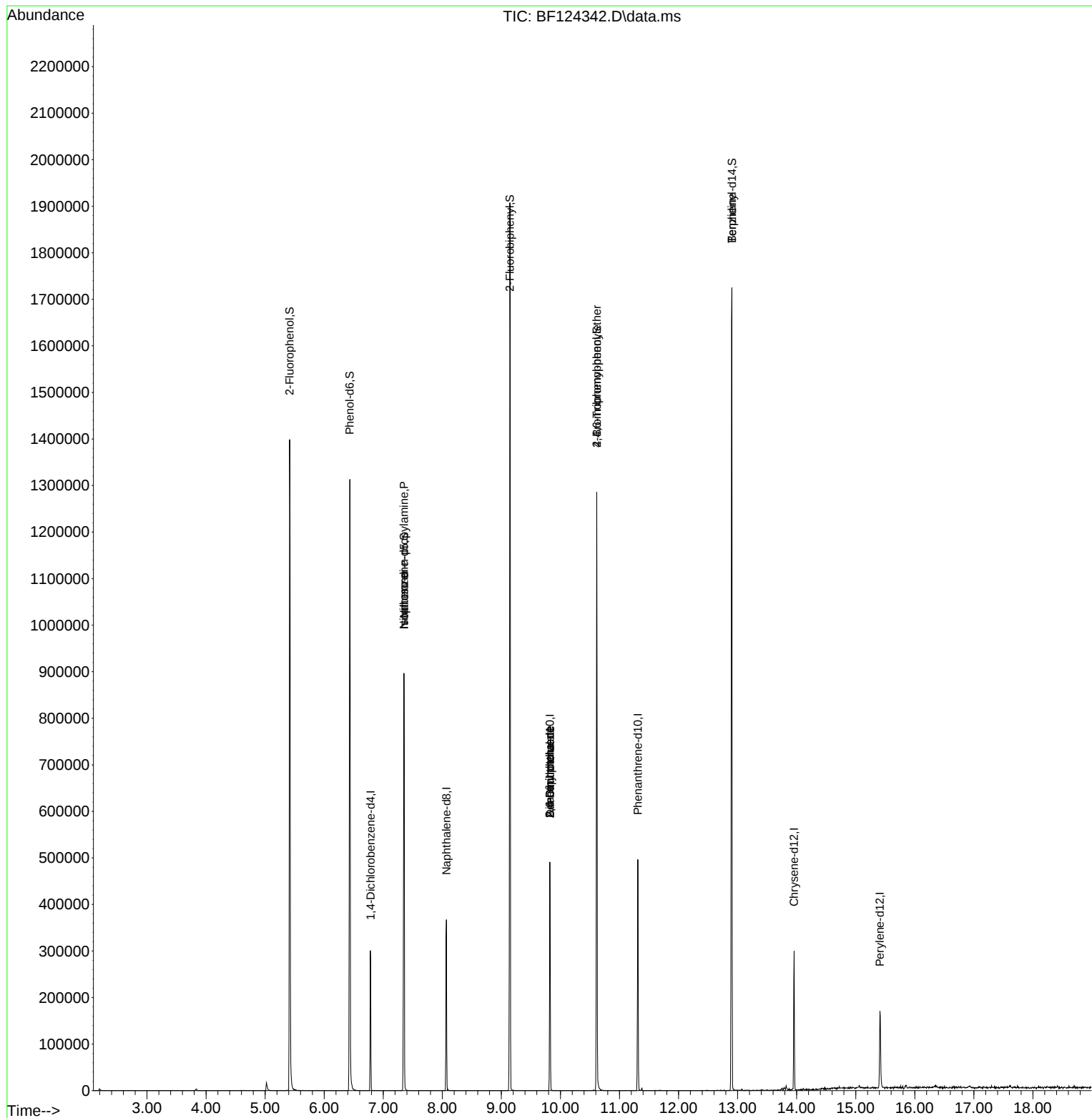
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	40960	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	145477	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	84749	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	153319	20.000	ng	0.00
76) Chrysene-d12	13.957	240	92008	20.000	ng	0.00
86) Perylene-d12	15.409	264	73741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	321986	118.335	ng	0.00
7) Phenol-d6	6.434	99	392356	107.277	ng	-0.01
23) Nitrobenzene-d5	7.351	82	297529	81.115	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	130889	109.012	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	554072	82.269	ng	0.00
79) Terphenyl-d14	12.904	244	575831	85.926	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	42233	16.358	ng	# 66
25) Isophorone	7.351	82	297526	45.013	ng	# 69
50) Dimethylphthalate	9.822	163	15029	2.143	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10064	6.260	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	10064	4.747	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	8197	3.895	ng	# 1
77) Benzidine	12.904	184	10552	8.565	ng	99

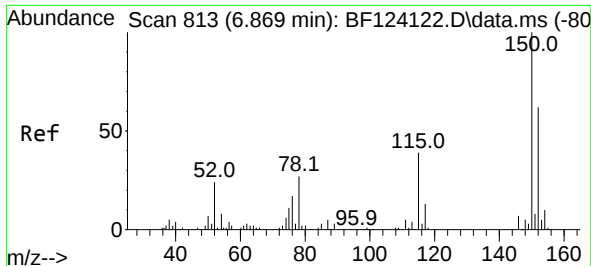
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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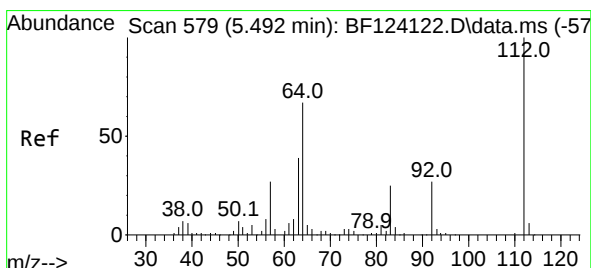
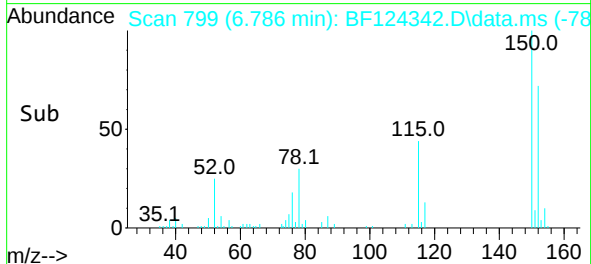
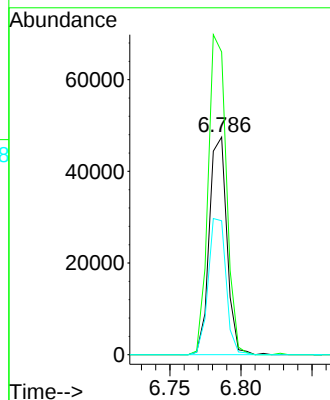
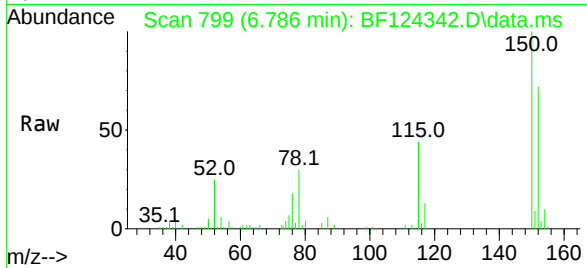




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

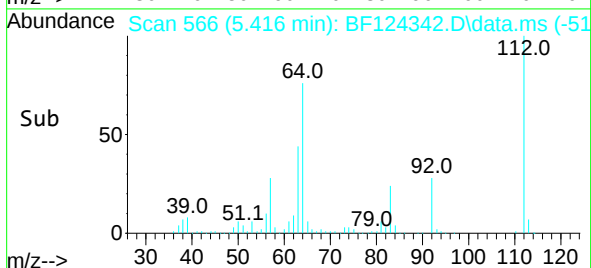
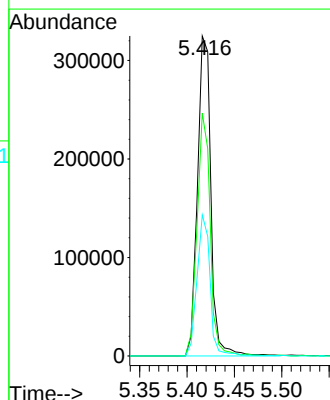
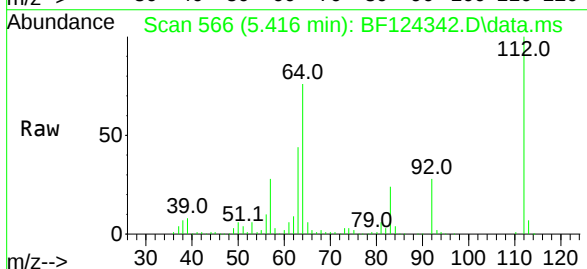
Instrument :
BNA_F
ClientSampleId :
PB137139TB

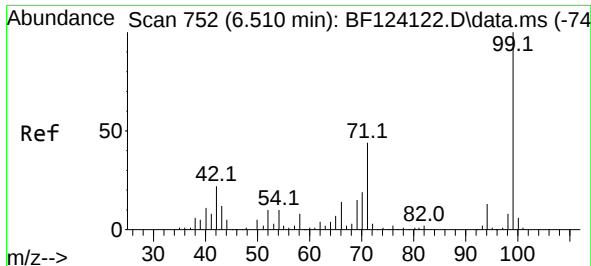
Tgt Ion:152 Resp: 40960
Ion Ratio Lower Upper
152 100
150 139.1 127.0 190.6
115 61.5 54.3 81.5



#5
2-Fluorophenol
Concen: 118.335 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion:112 Resp: 321986
Ion Ratio Lower Upper
112 100
64 75.9 61.4 92.0
63 44.1 33.0 49.4

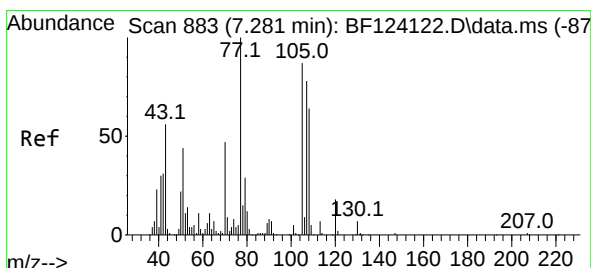
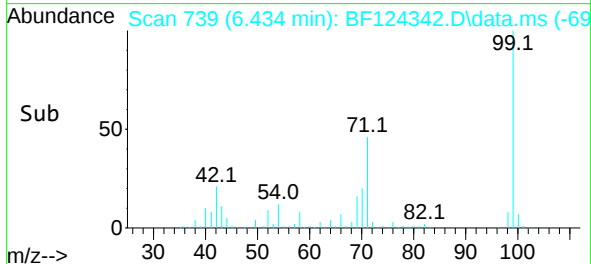
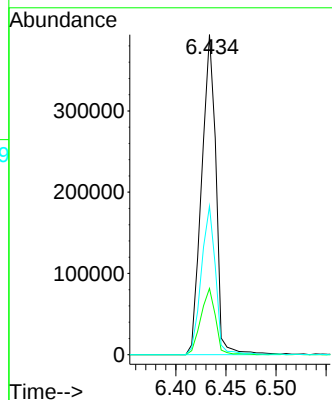
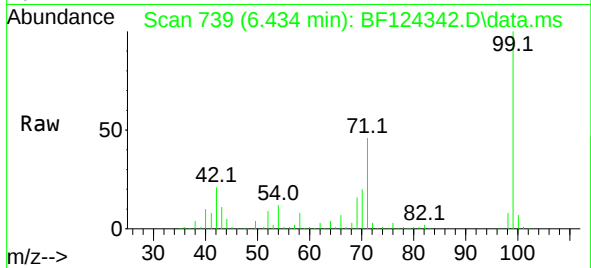




#7
Phenol-d6
Concen: 107.277 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

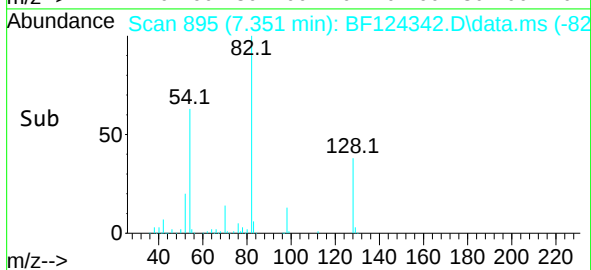
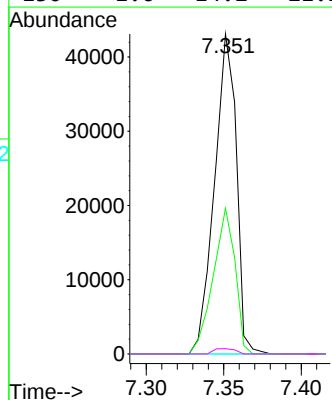
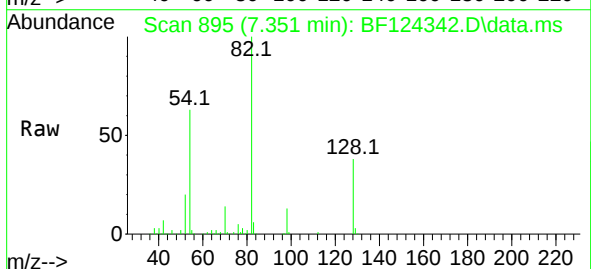
Instrument :
BNA_F
ClientSampleId :
PB137139TB

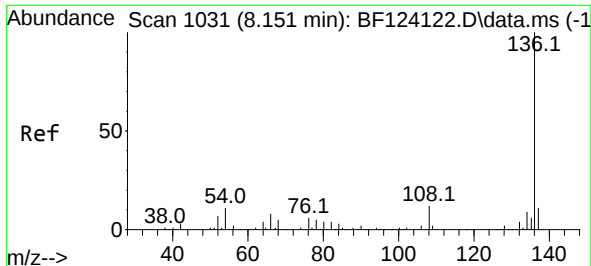
Tgt Ion: 99 Resp: 392356
Ion Ratio Lower Upper
99 100
42 20.7 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.358 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

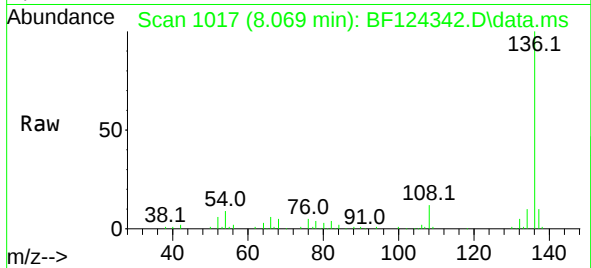
Tgt Ion: 70 Resp: 42233
Ion Ratio Lower Upper
70 100
42 45.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



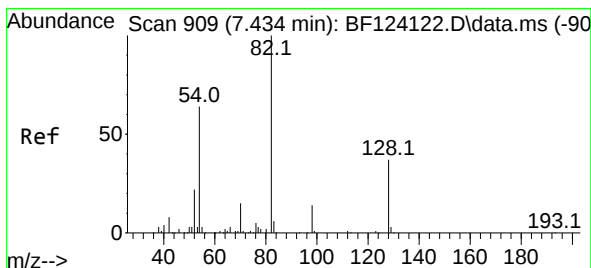
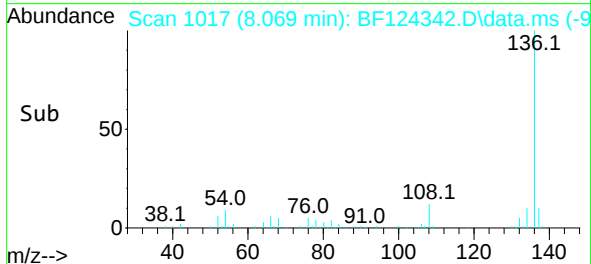
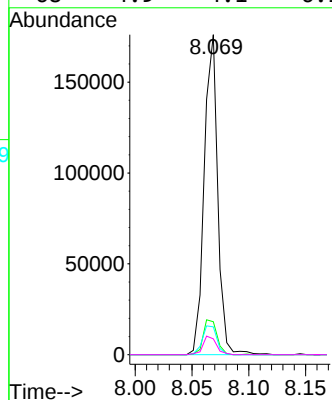


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Instrument :
BNA_F
ClientSampleId :
PB137139TB

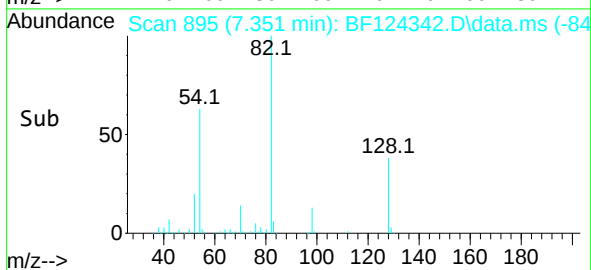
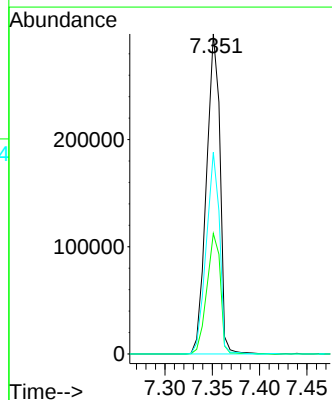
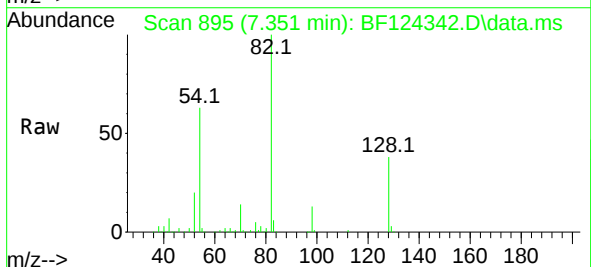


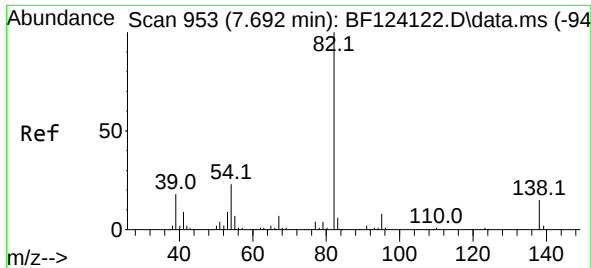
Tgt Ion:136	Resp: 145477
Ion Ratio	Lower Upper
136	100
137	10.3 8.7 13.1
54	8.7 9.8 14.6#
68	4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.115 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion: 82	Resp: 297529
Ion Ratio	Lower Upper
82	100
128	37.6 29.4 44.2
54	63.0 54.1 81.1

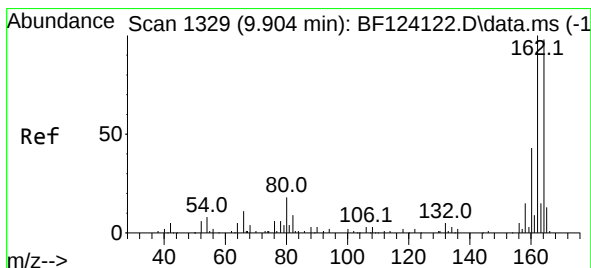
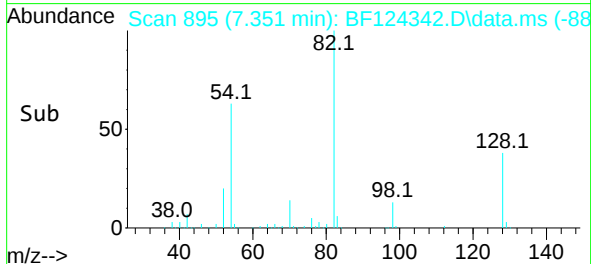
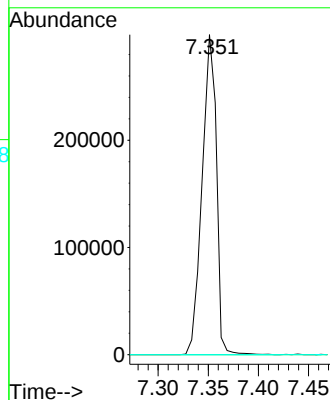
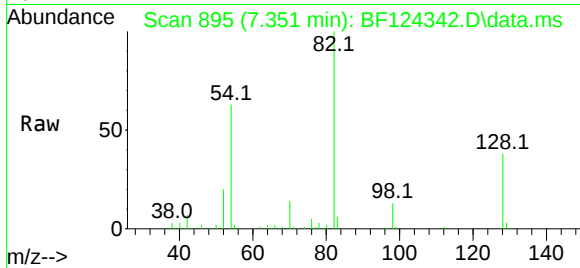




#25
Isophorone
Concen: 45.013 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

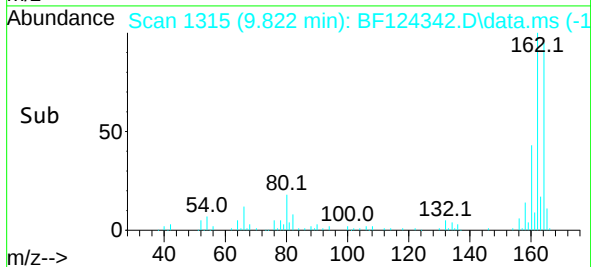
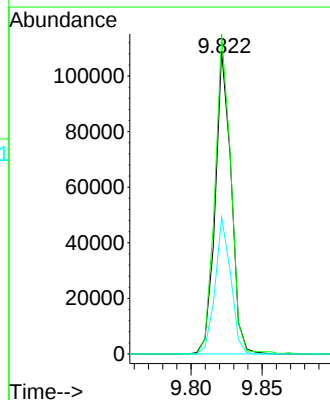
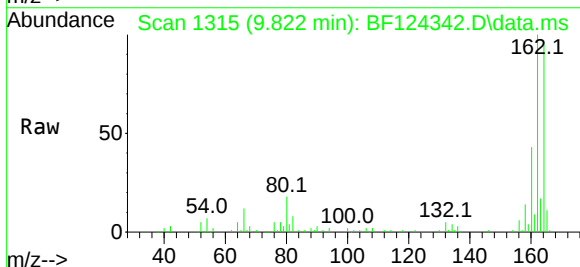
Instrument :
BNA_F
ClientSampleId :
PB137139TB

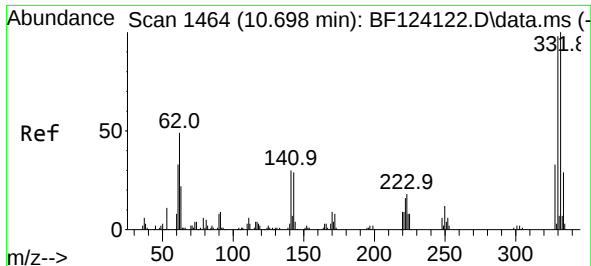
Tgt Ion: 82 Resp: 297526
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

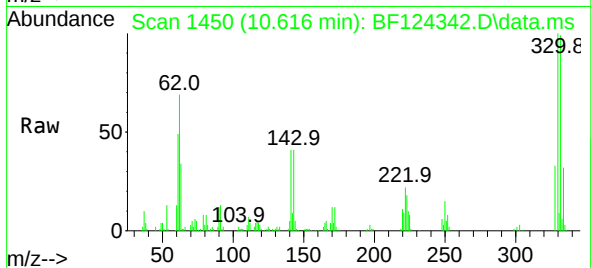
Tgt Ion: 164 Resp: 84749
Ion Ratio Lower Upper
164 100
162 105.6 80.7 121.1
160 45.1 37.3 55.9



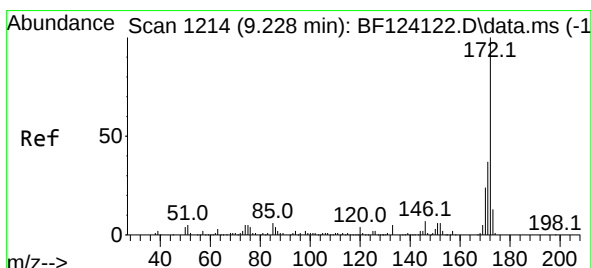
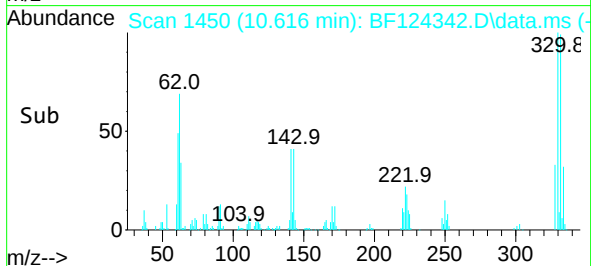
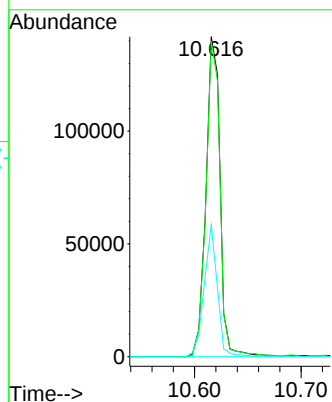


#42
2,4,6-Tribromophenol
Concen: 109.012 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Instrument :
BNA_F
ClientSampled :
PB137139TB

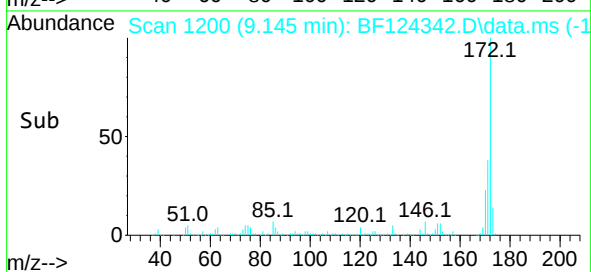
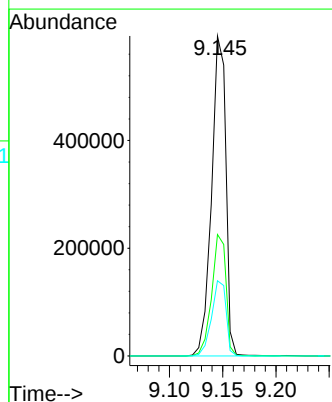
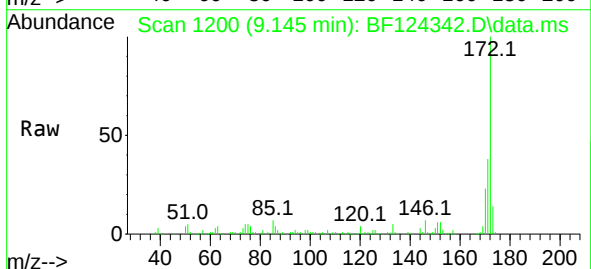


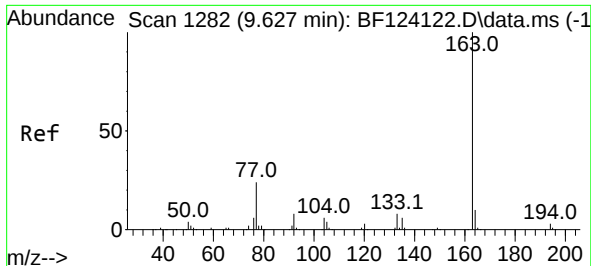
Tgt Ion: 330 Resp: 130889
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 38.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 82.269 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion: 172 Resp: 554072
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.5 19.2 28.8

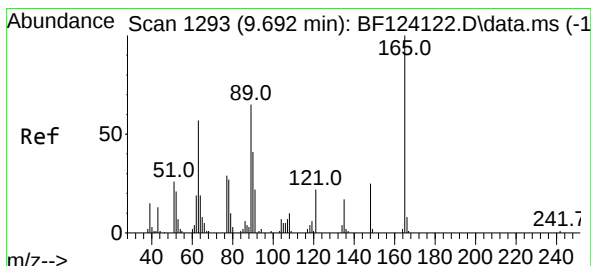
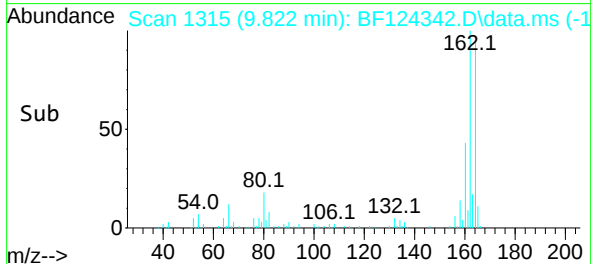
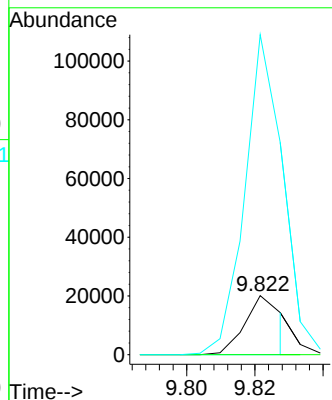
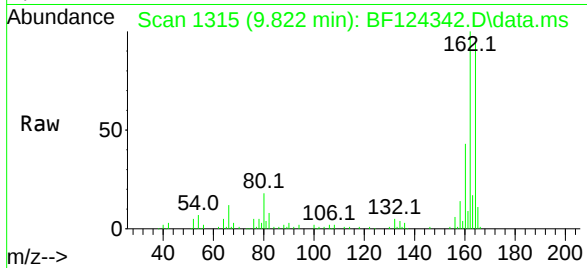




#50
Dimethylphthalate
Concen: 2.143 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

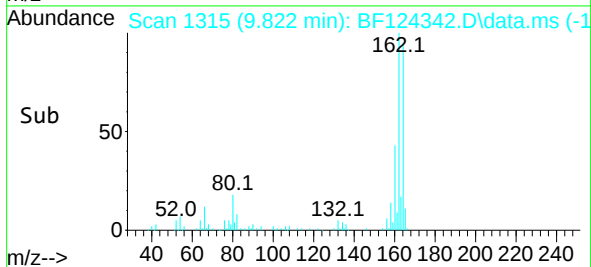
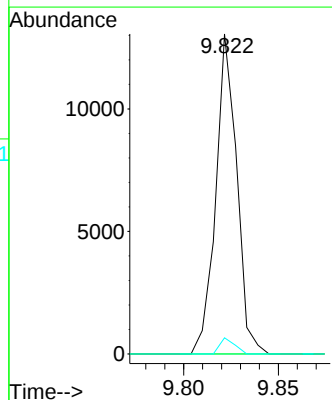
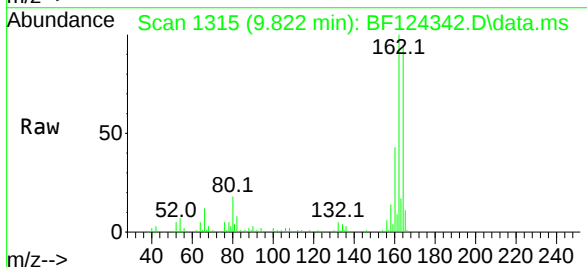
Instrument :
BNA_F
ClientSampleId :
PB137139TB

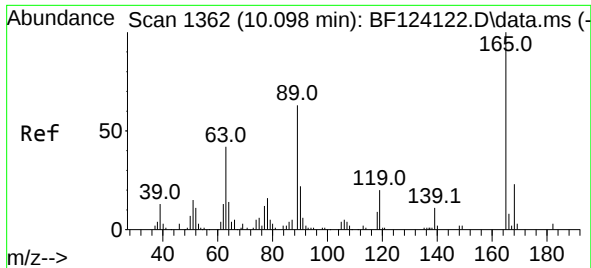
Tgt Ion:163 Resp: 15029
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 542.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.260 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

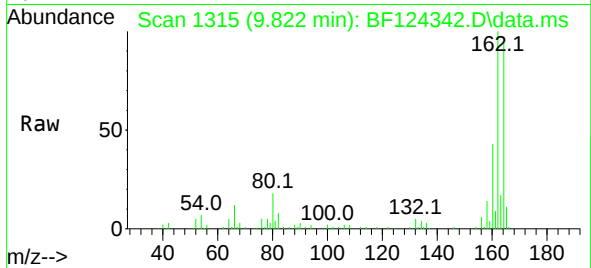
Tgt Ion:165 Resp: 10064
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 5.0 58.8 88.2#



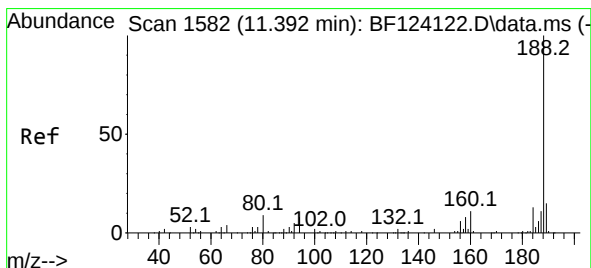
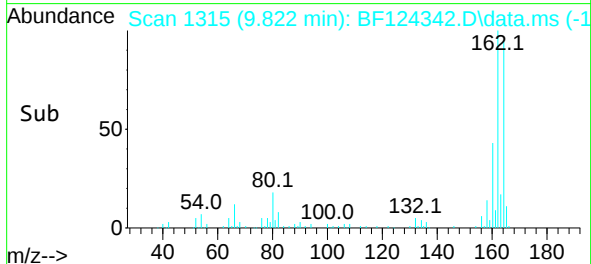
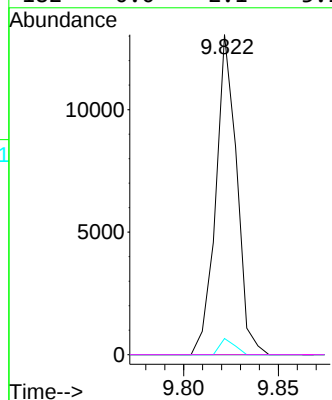


#57
2,4-Dinitrotoluene
Concen: 4.747 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Instrument :
BNA_F
ClientSampleId :
PB137139TB

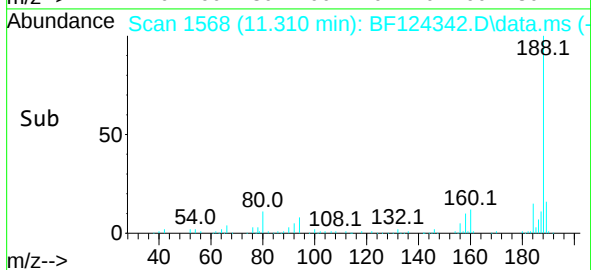
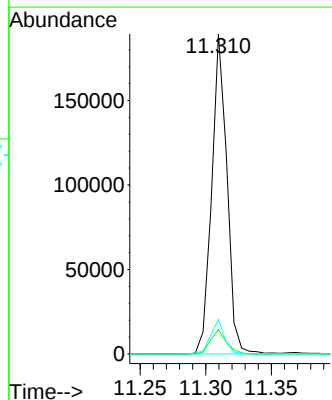
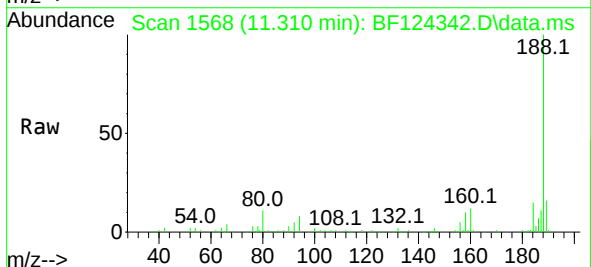


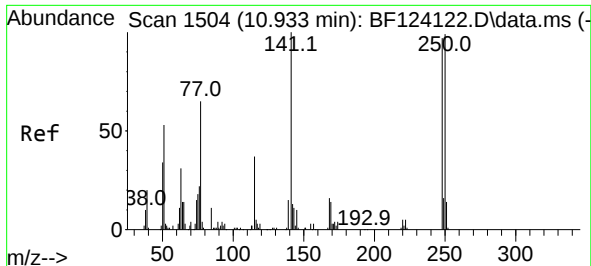
Tgt Ion:165 Resp: 10064
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 5.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion:188 Resp: 153319
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 10.8 8.2 12.2

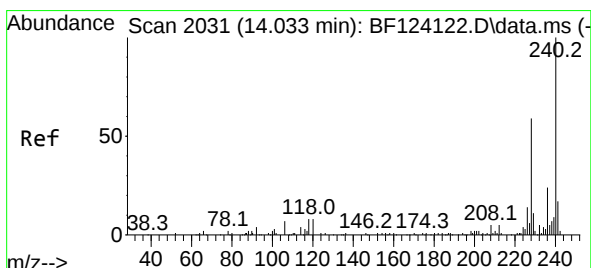
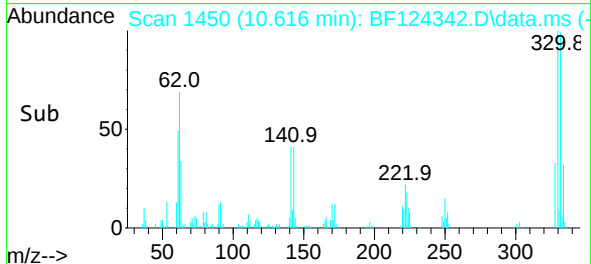
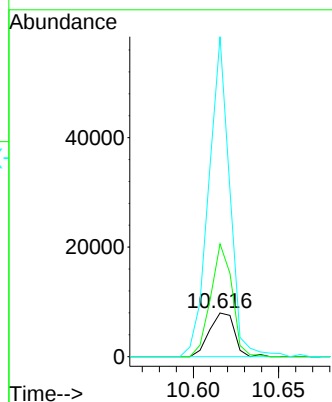
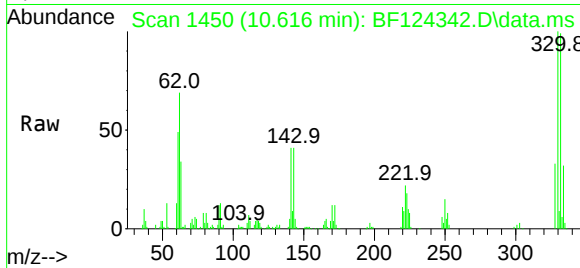




#67
4-Bromophenyl-phenylether
Concen: 3.895 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

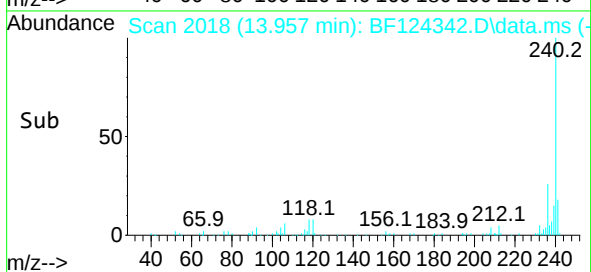
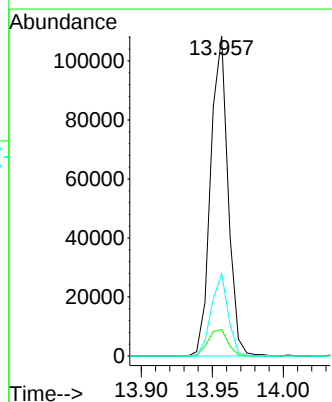
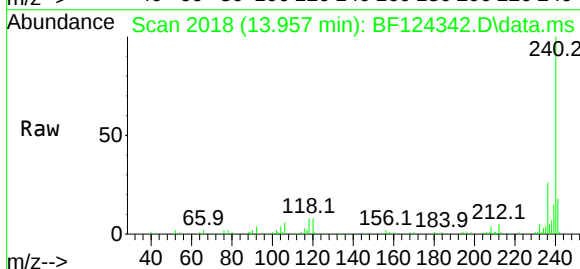
Instrument :
BNA_F
ClientSampleId :
PB137139TB

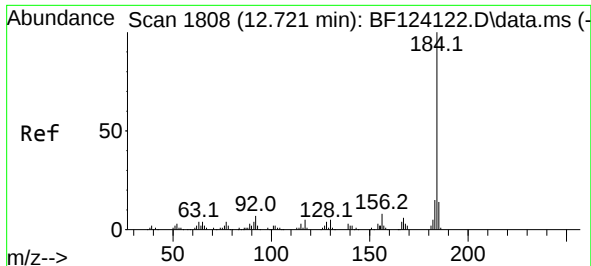
Tgt Ion:248 Resp: 8197
Ion Ratio Lower Upper
248 100
250 257.8 77.4 116.2#
141 731.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion:240 Resp: 92008
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 25.8 19.0 28.4

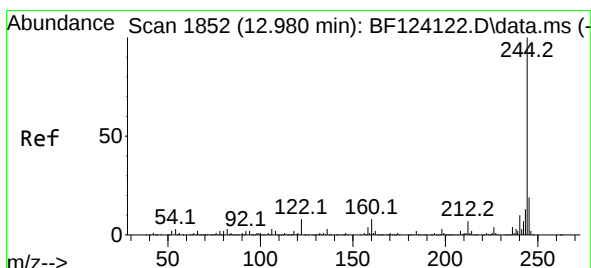
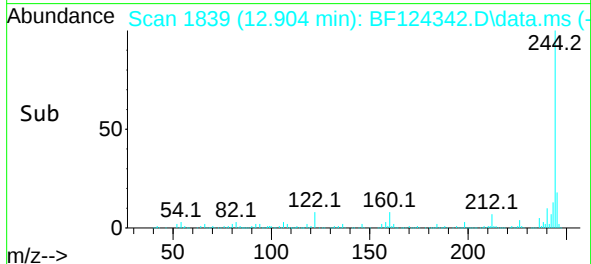
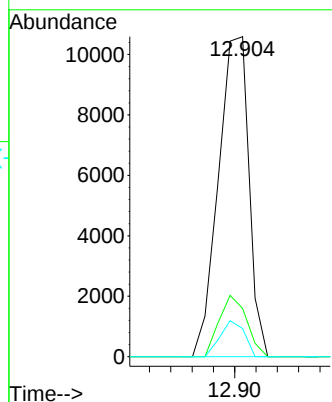
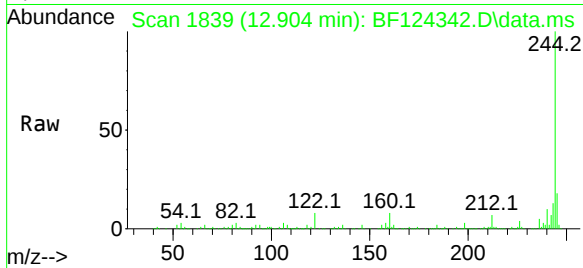




#77
Benzidine
Concen: 8.565 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

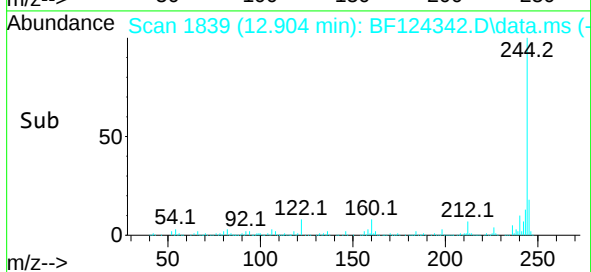
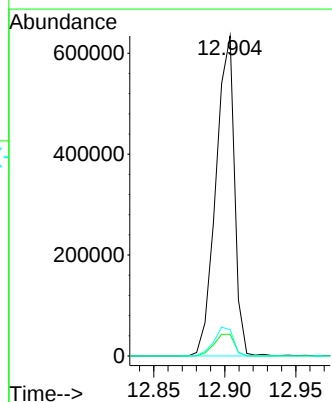
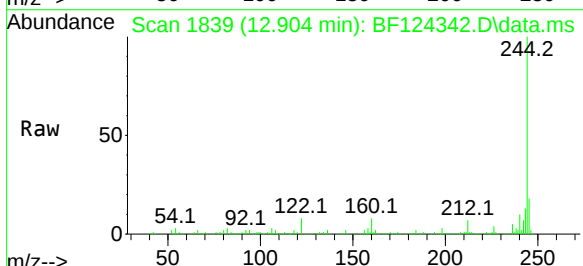
Instrument :
BNA_F
ClientSampled :
PB137139TB

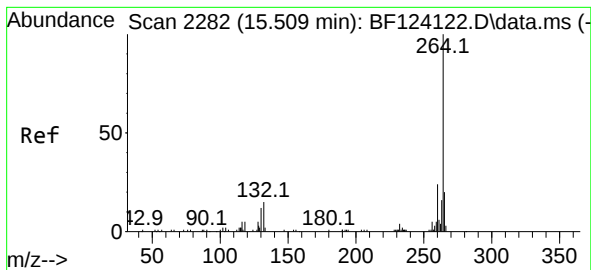
Tgt Ion:184 Resp: 10552
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 8.8 7.8 11.8



#79
Terphenyl-d14
Concen: 85.926 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF124342.D
Acq: 16 Jun 2021 12:41

Tgt Ion:244 Resp: 575831
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.2 9.7 14.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BF124342.D

Acq: 16 Jun 2021 12:41

Tgt Ion:264 Resp: 73741

Ion Ratio Lower Upper

264 100

260 21.0 18.7 28.1

265 18.5 17.8 26.8

