

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124340.D
 Acq On : 16 Jun 2021 11:36
 Operator : JU/CG
 Sample : PB137139BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137139BL

Quant Time: Jun 16 12:20:08 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

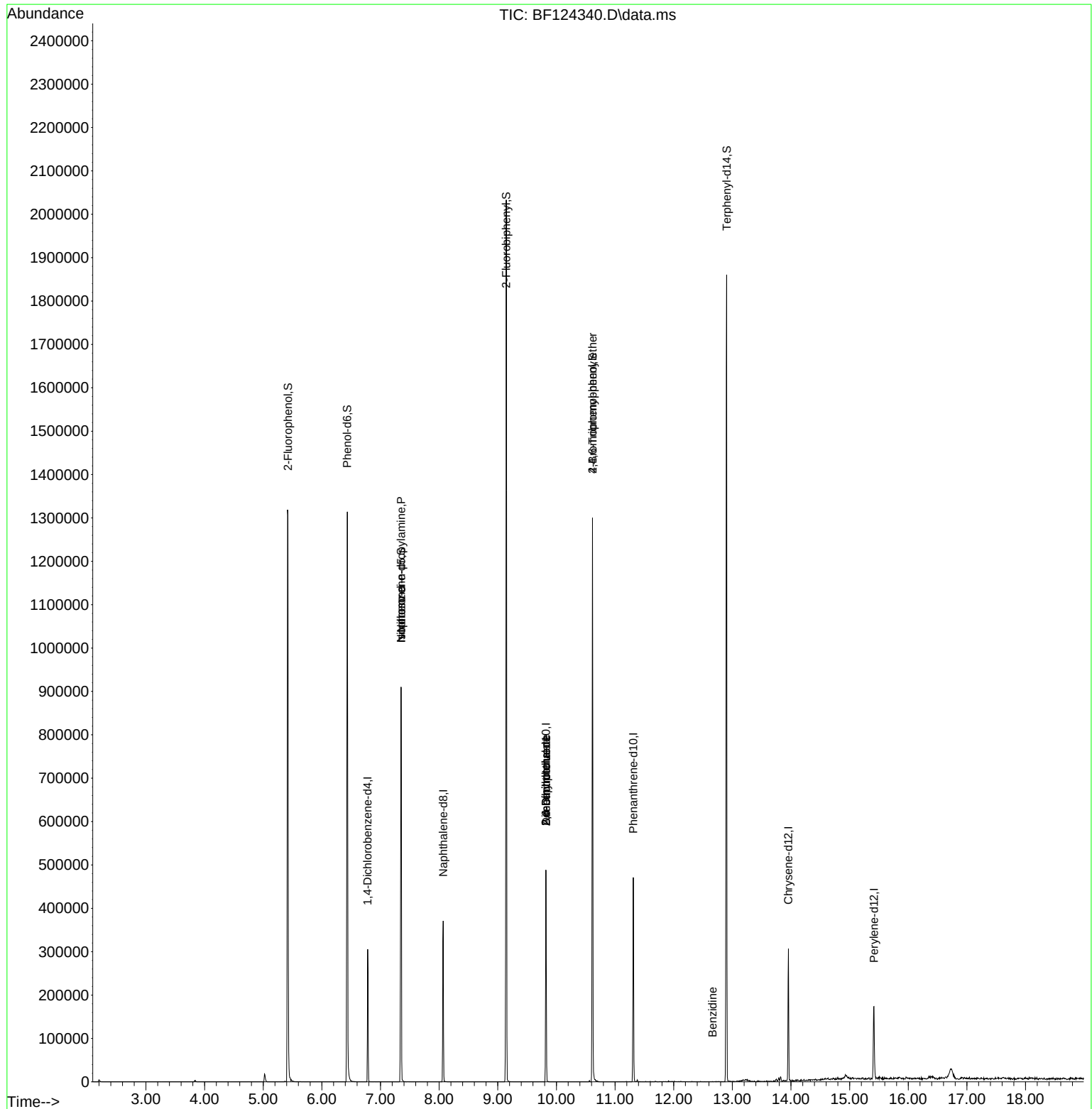
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	38272	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	151367	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	86302	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	153537	20.000	ng	0.00
76) Chrysene-d12	13.957	240	95574	20.000	ng	0.00
86) Perylene-d12	15.415	264	74791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	320053	125.886	ng	0.00
7) Phenol-d6	6.434	99	395030	115.594	ng	-0.01
23) Nitrobenzene-d5	7.351	82	300449	78.724	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128046	104.725	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	557614	81.306	ng	0.00
79) Terphenyl-d14	12.904	244	587691	84.424	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	42300	17.534	ng	# 65
25) Isophorone	7.351	82	300445	43.686	ng	# 69
50) Dimethylphthalate	9.822	163	17055	2.389	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	11215	6.850	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	11215	5.194	ng	# 16
67) 4-Bromophenyl-phenylether	10.616	248	9292	4.409	ng	# 1
77) Benzidine	12.663	184	360	4.209	ng	# 68

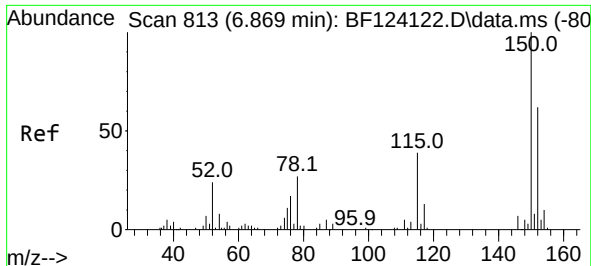
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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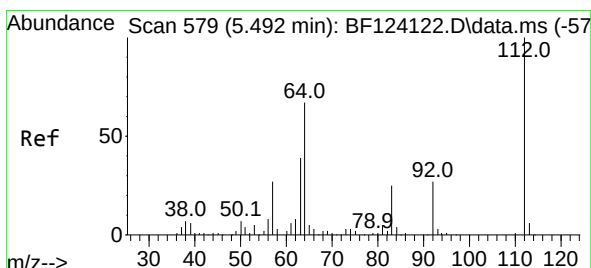
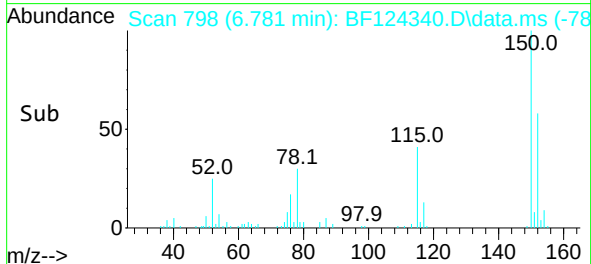
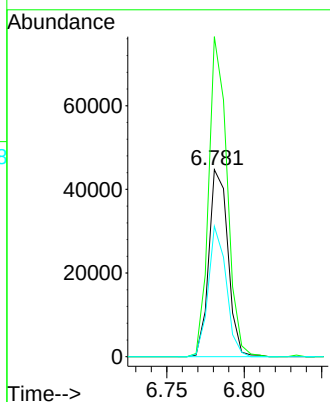
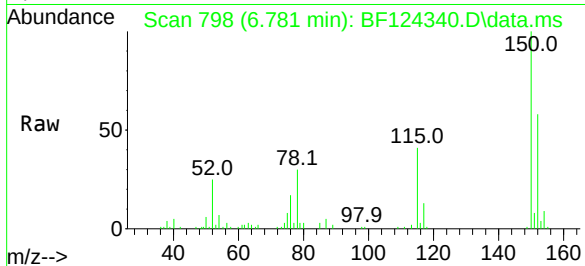




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

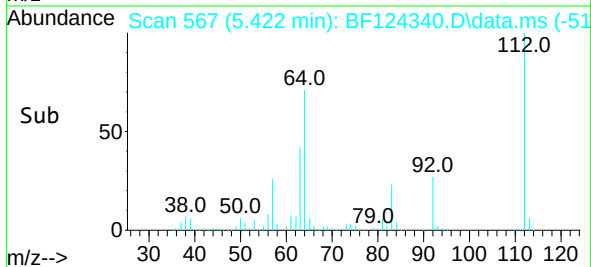
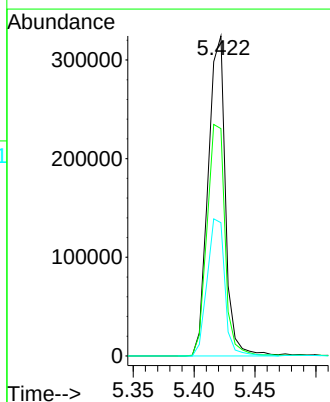
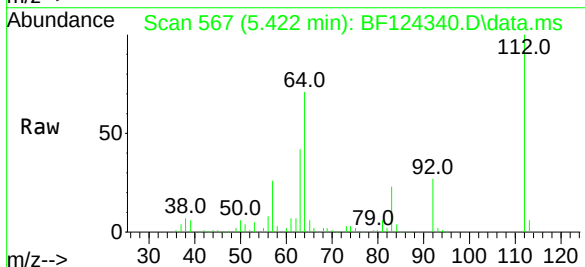
Instrument :
BNA_F
ClientSampleId :
PB137139BL

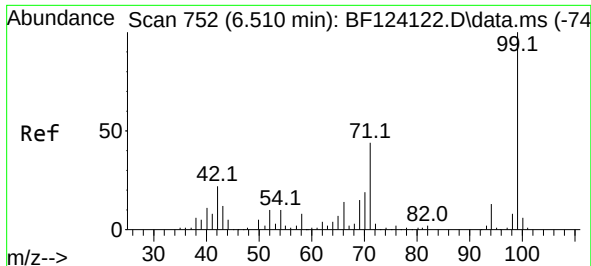
Tgt Ion:152 Resp: 38272
Ion Ratio Lower Upper
152 100
150 171.1 127.0 190.6
115 69.7 54.3 81.5



#5
2-Fluorophenol
Concen: 125.886 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:112 Resp: 320053
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 41.7 33.0 49.4

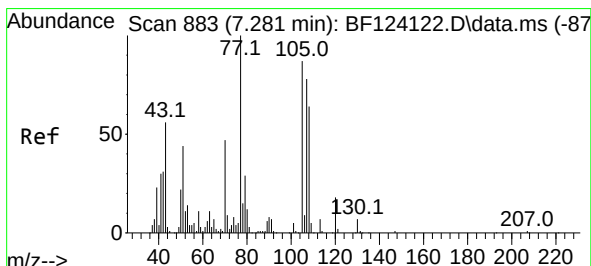
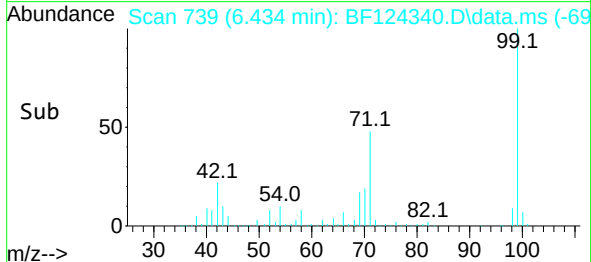
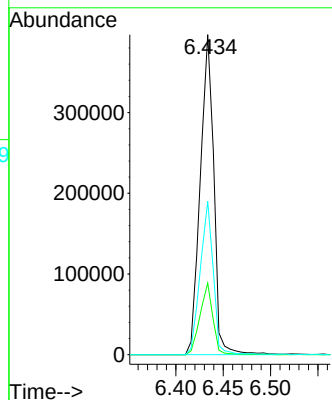
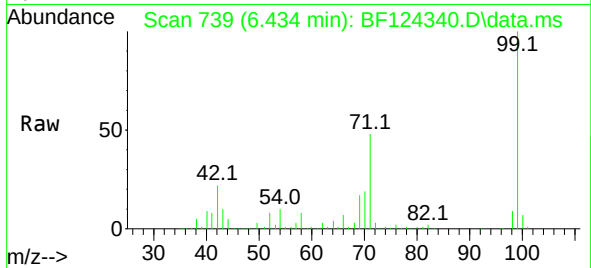




#7
Phenol-d6
Concen: 115.594 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

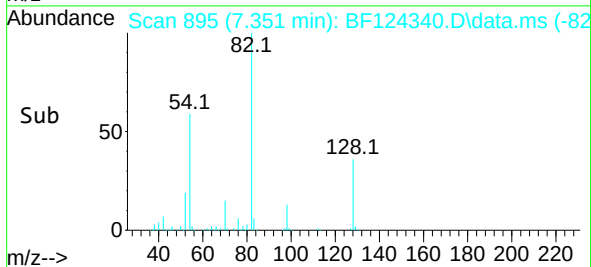
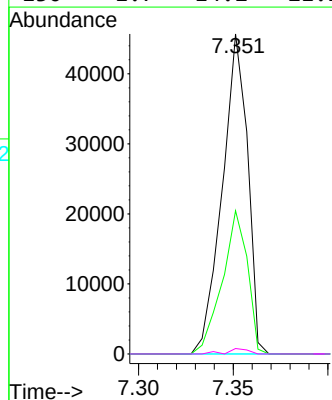
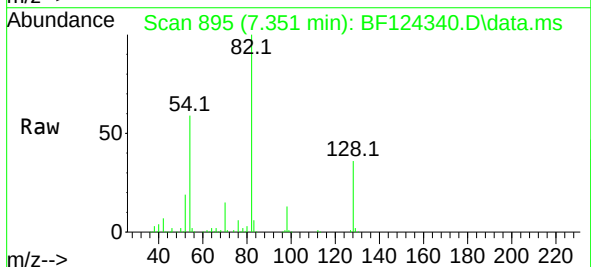
Instrument :
BNA_F
ClientSampleId :
PB137139BL

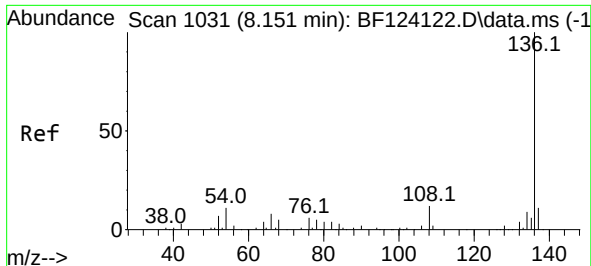
Tgt Ion: 99 Resp: 395030
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.8
71 48.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.534 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion: 70 Resp: 42300
Ion Ratio Lower Upper
70 100
42 44.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

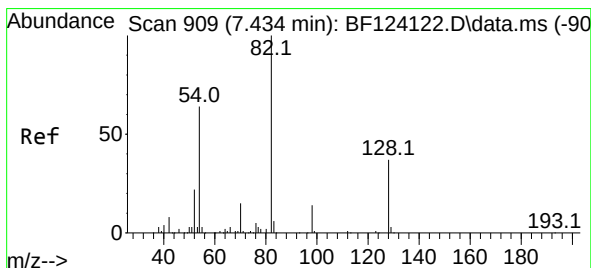
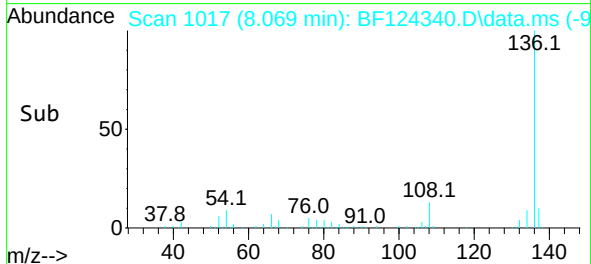
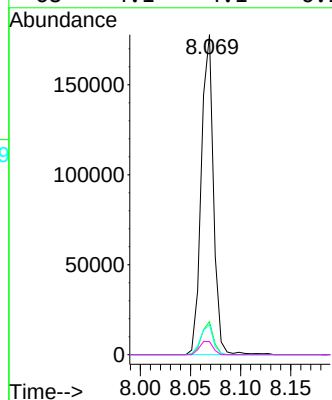
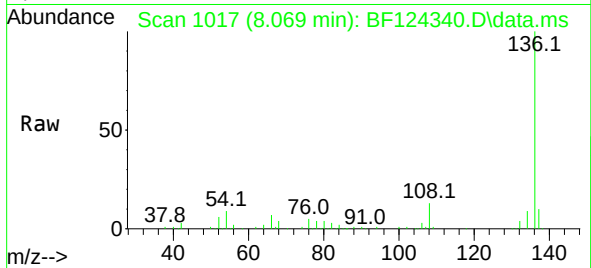




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

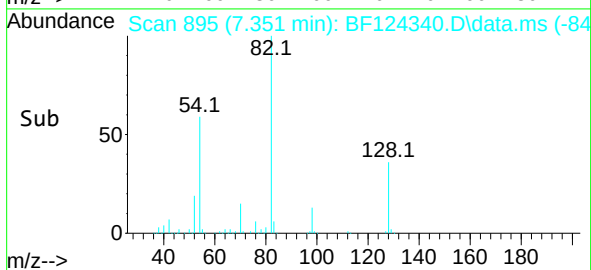
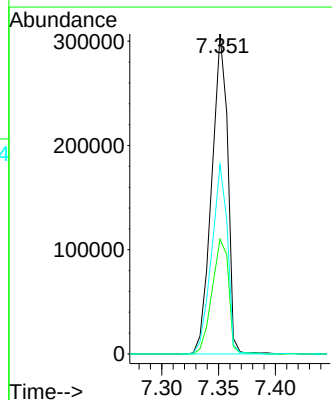
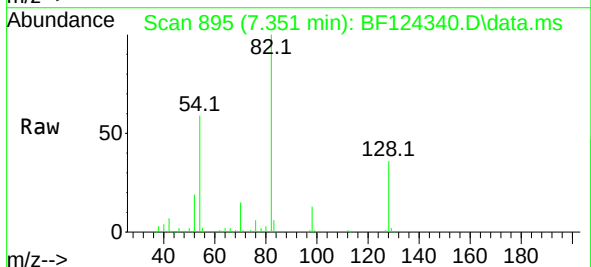
Instrument :
BNA_F
ClientSampleId :
PB137139BL

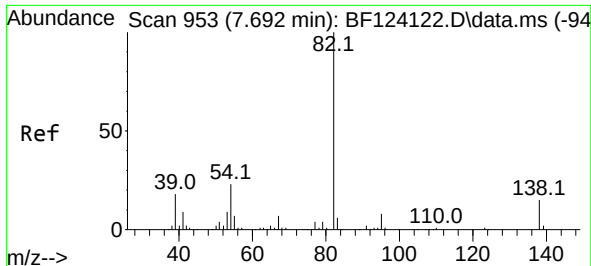
Tgt Ion:136	Resp: 151367
Ion Ratio	Lower Upper
136 100	
137 10.3	8.7 13.1
54 9.4	9.8 14.6#
68 4.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.724 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion: 82	Resp: 300449
Ion Ratio	Lower Upper
82 100	
128 35.9	29.4 44.2
54 59.2	54.1 81.1

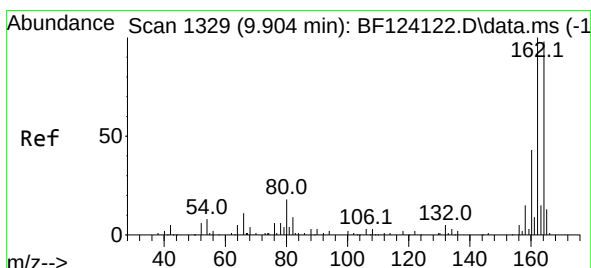
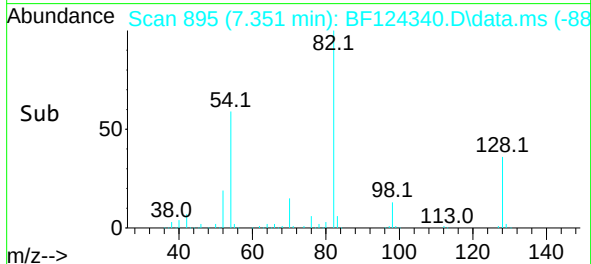
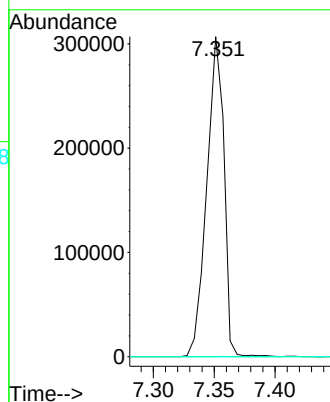
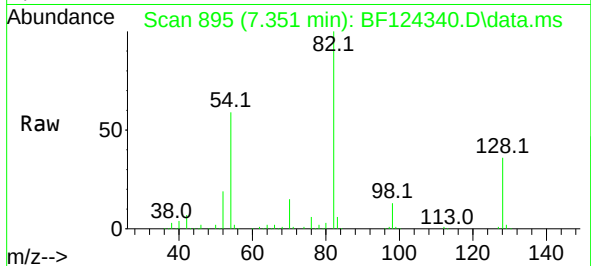




#25
Isophorone
Concen: 43.686 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

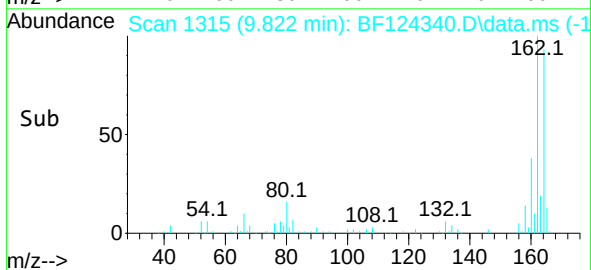
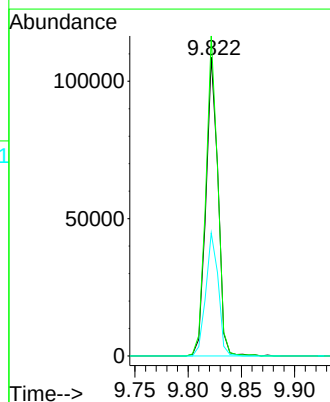
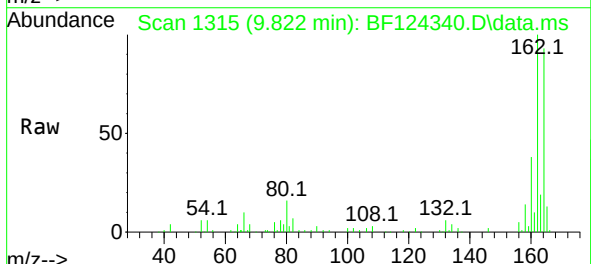
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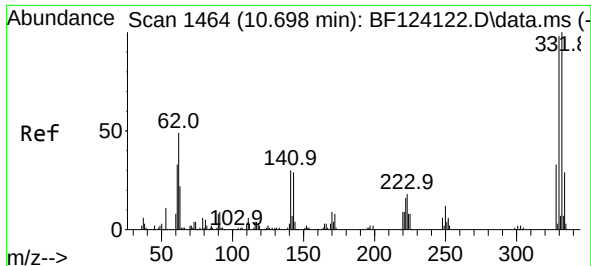
Tgt Ion: 82 Resp: 300445
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:164 Resp: 86302
Ion Ratio Lower Upper
164 100
162 107.2 80.7 121.1
160 41.2 37.3 55.9

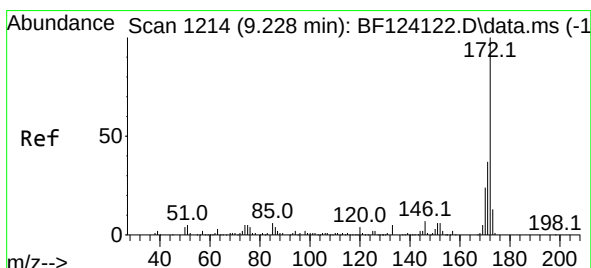
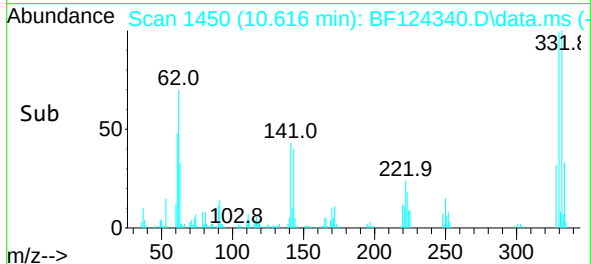
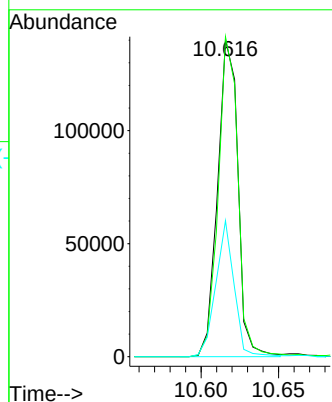
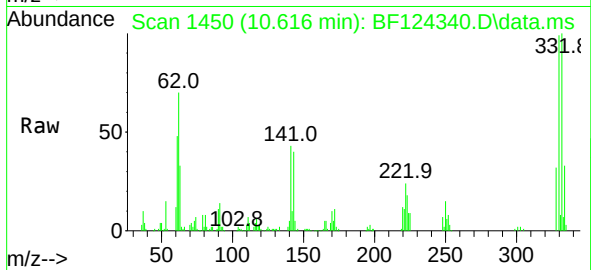




#42
2,4,6-Tribromophenol
Concen: 104.725 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

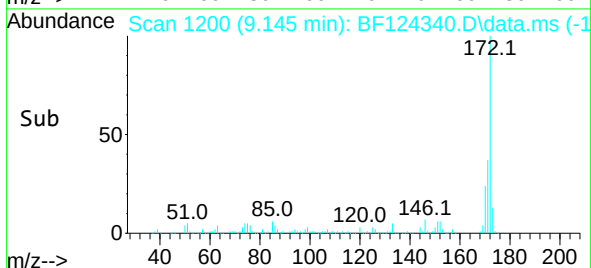
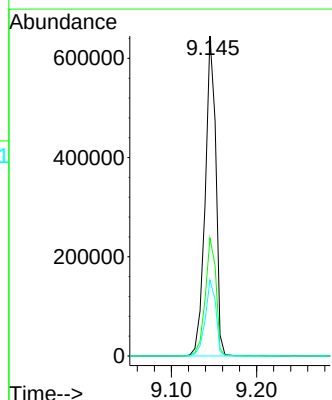
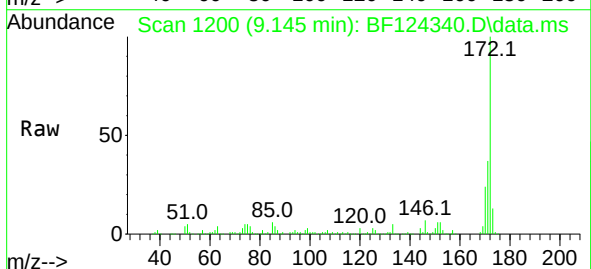
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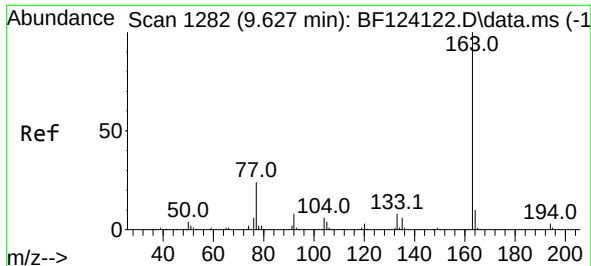
Tgt Ion:330 Resp: 128046
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 39.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.306 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:172 Resp: 557614
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.7 19.2 28.8

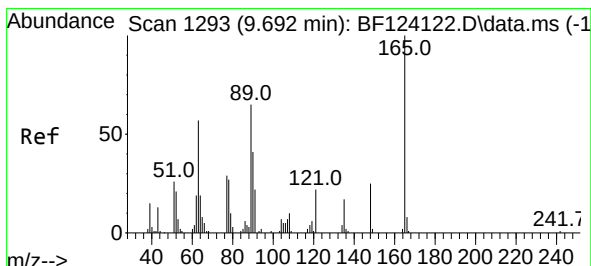
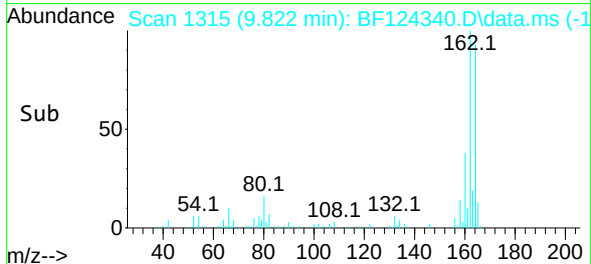
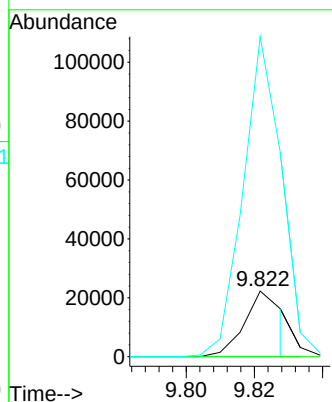
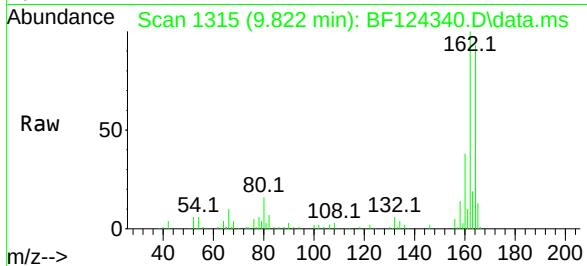




#50
Dimethylphthalate
Concen: 2.389 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

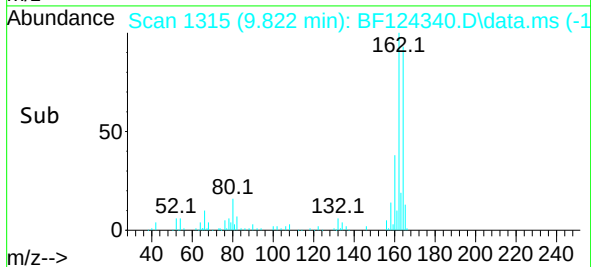
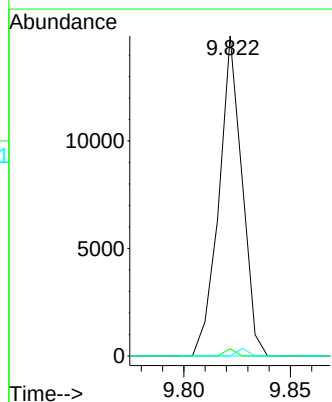
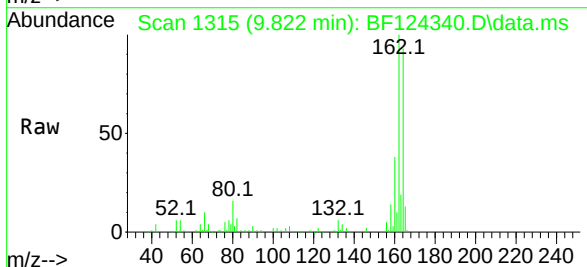
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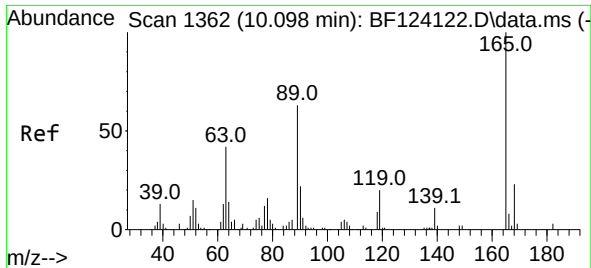
Tgt Ion:163 Resp: 17055
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 487.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.850 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

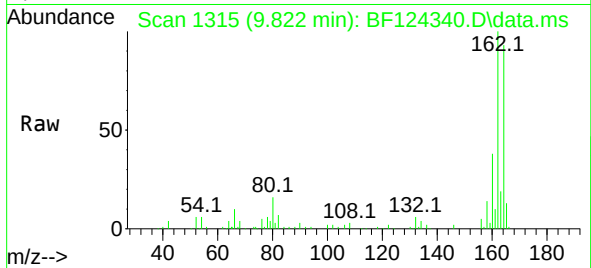
Tgt Ion:165 Resp: 11215
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 0.0 58.8 88.2#



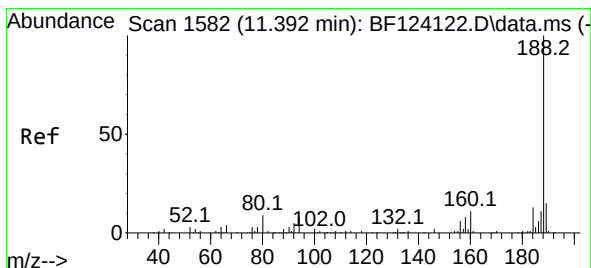
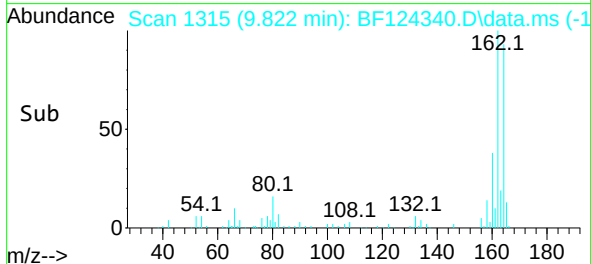
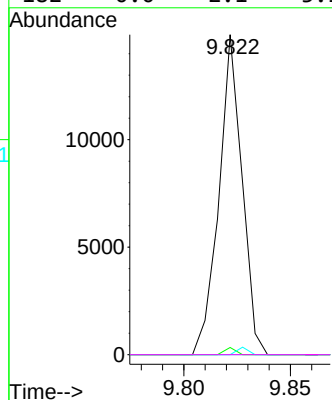


#57
2,4-Dinitrotoluene
Concen: 5.194 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Instrument :
BNA_F
ClientSampleId :
PB137139BL

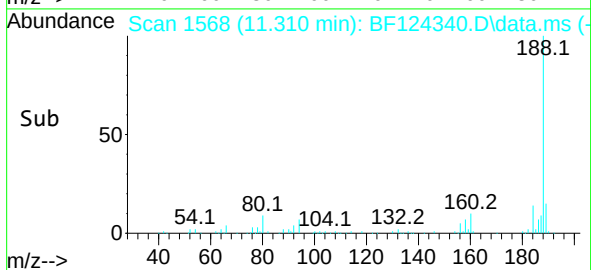
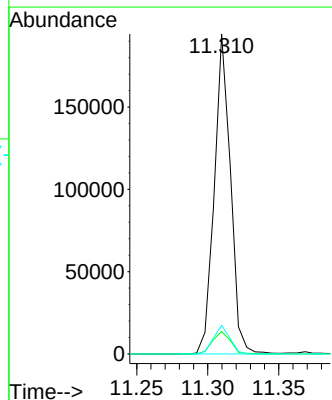
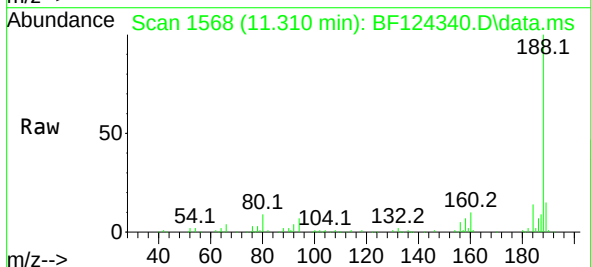


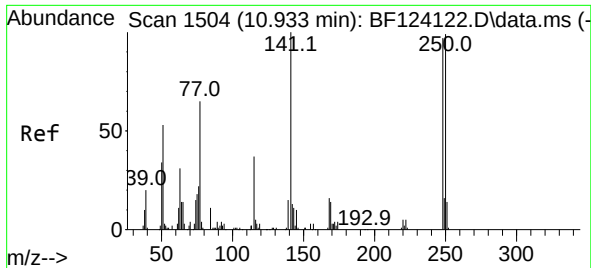
Tgt Ion:165 Resp: 11215
Ion Ratio Lower Upper
165 100
63 2.3 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:188 Resp: 153537
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.0 8.2 12.2

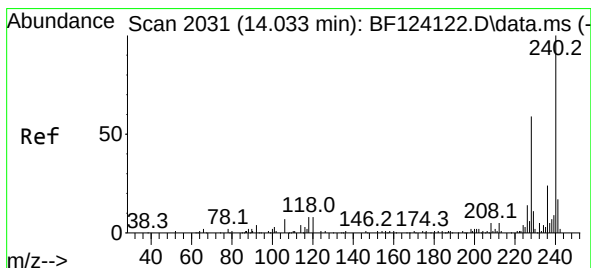
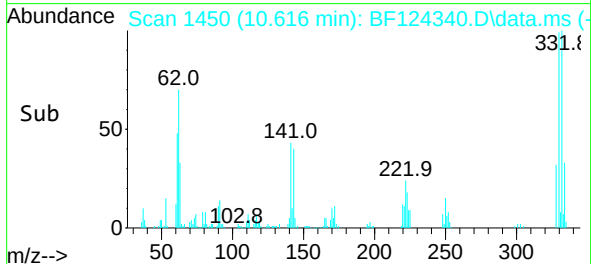
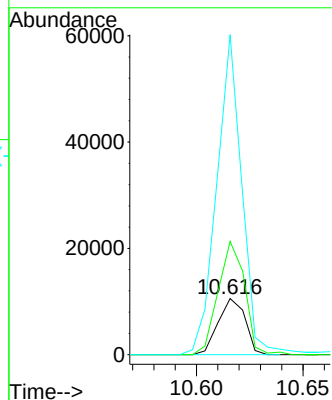
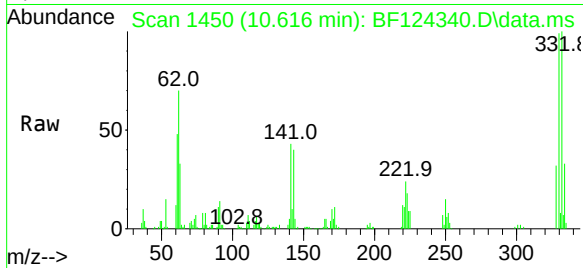




#67
4-Bromophenyl-phenylether
Concen: 4.409 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

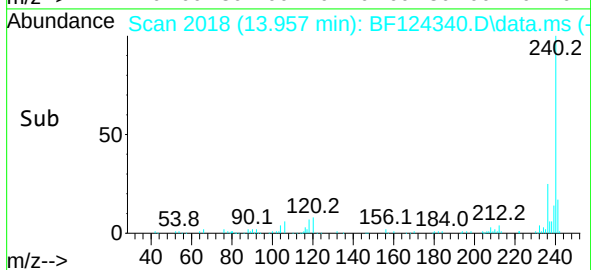
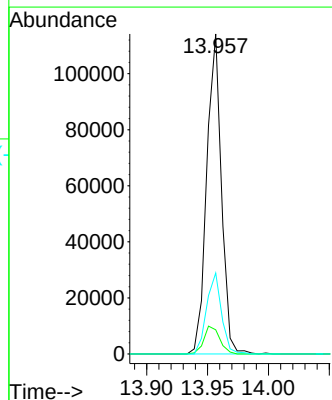
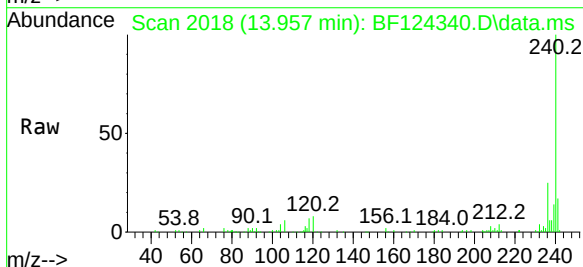
Instrument :
BNA_F
ClientSampleId :
PB137139BL

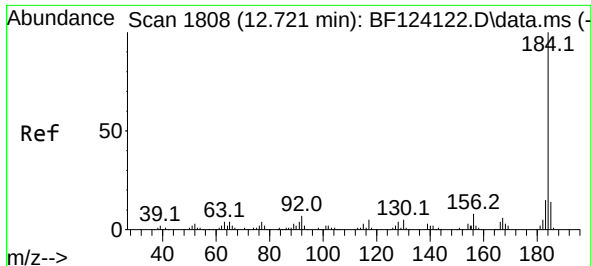
Tgt Ion:248 Resp: 9292
Ion Ratio Lower Upper
248 100
250 201.7 77.4 116.2#
141 569.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:240 Resp: 95574
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 25.3 19.0 28.4

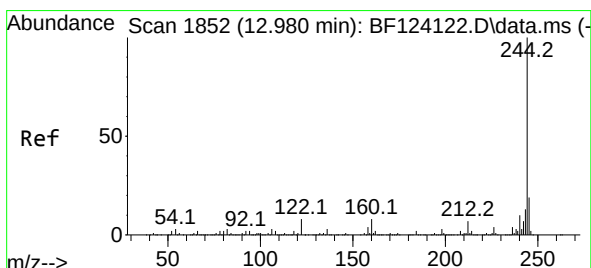
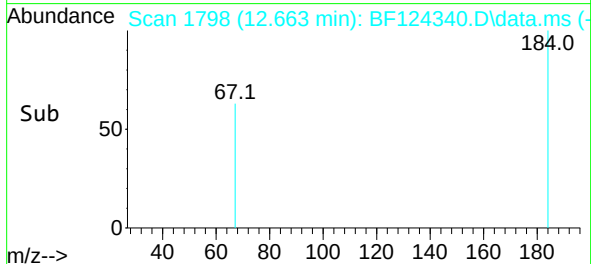
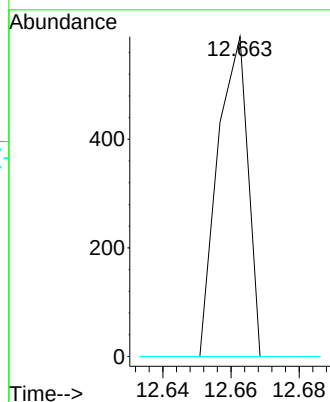
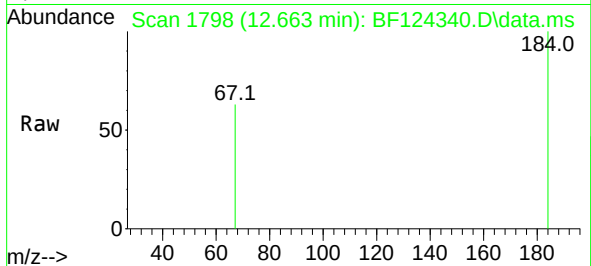




#77
Benzidine
Concen: 4.209 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.035 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

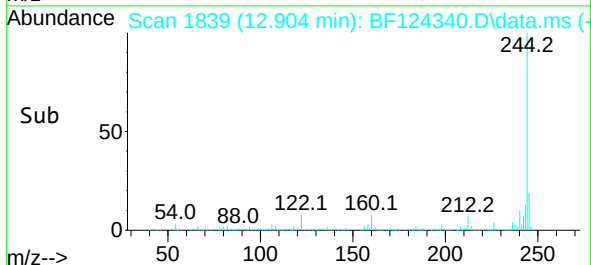
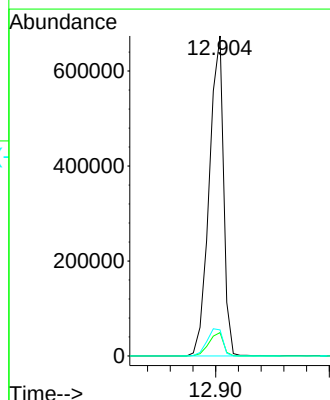
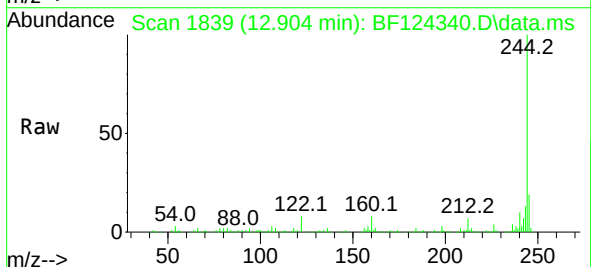
Instrument :
BNA_F
ClientSampleId :
PB137139BL

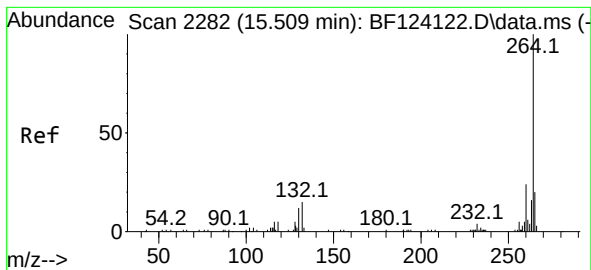
Tgt Ion:184 Resp: 360
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 84.424 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124340.D
Acq: 16 Jun 2021 11:36

Tgt Ion:244 Resp: 587691
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124340.D
 Acq: 16 Jun 2021 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB137139BL

Tgt Ion:264 Resp: 74791
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 23.0 17.8 26.8

