

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124347.D
 Acq On : 16 Jun 2021 18:03
 Operator : JU/CG
 Sample : M2672-39
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(80-84)

Quant Time: Jun 16 18:45:47 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)

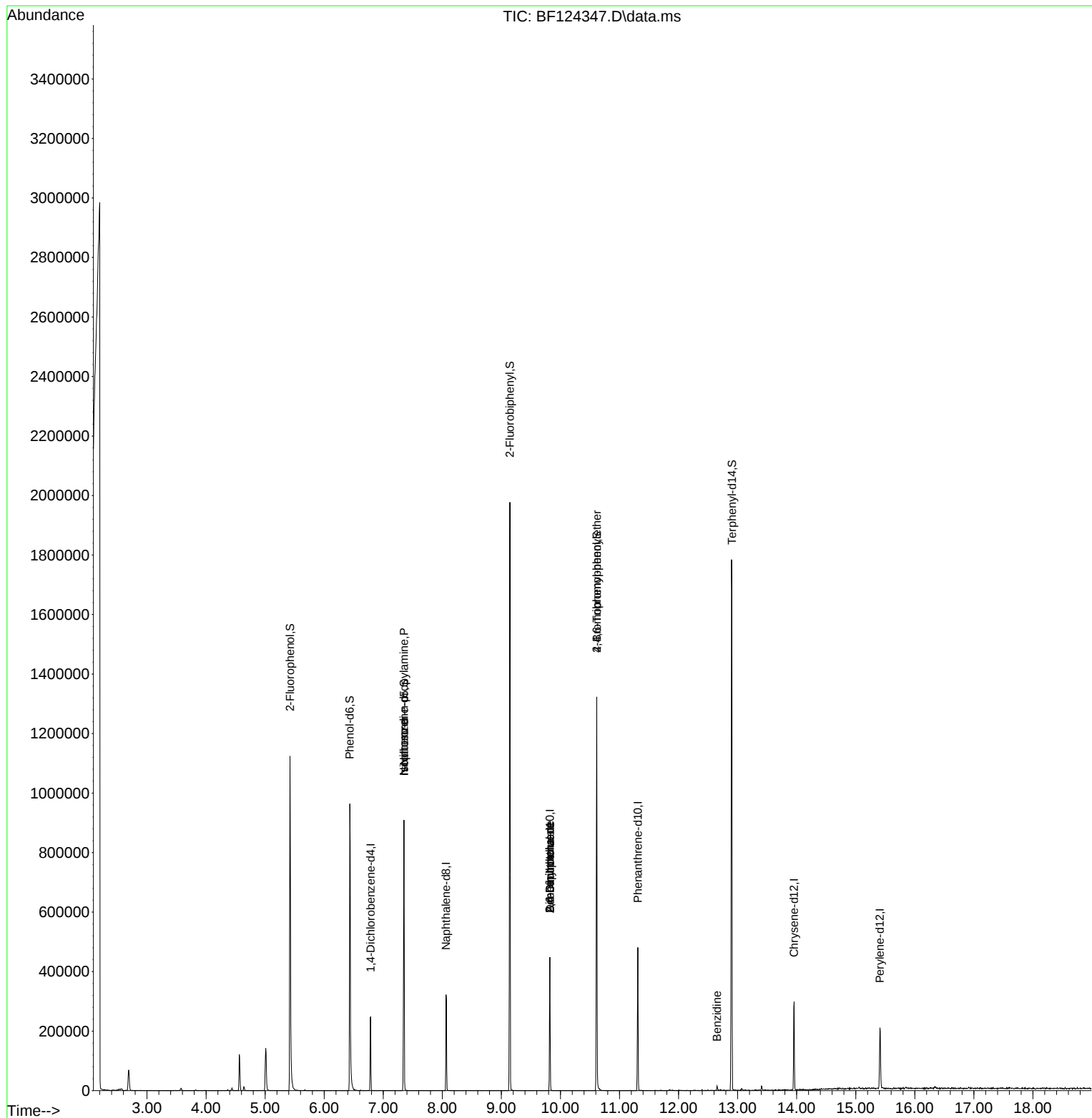
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	34460	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	131320	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	77829	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	147123	20.000	ng	0.00
76) Chrysene-d12	13.957	240	102242	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	86999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	253152	110.586	ng	0.00
7) Phenol-d6	6.434	99	291311	94.673	ng	-0.01
23) Nitrobenzene-d5	7.351	82	260420	78.652	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128874	116.877	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	493300	79.758	ng	0.00
79) Terphenyl-d14	12.904	244	605094	81.255	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	38607	17.774	ng	# 66
25) Isophorone	7.351	82	260415	43.646	ng	# 69
50) Dimethylphthalate	9.822	163	15223	2.364	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	8988	6.088	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	8988	4.616	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	8180	4.051	ng	# 1
77) Benzidine	12.651	184	8866	7.467	ng	99

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

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QLast Update : Tue Jun 15 20:09:26 2021
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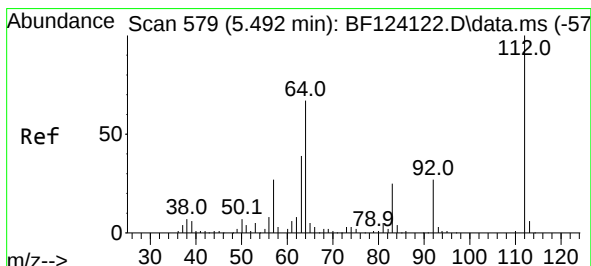
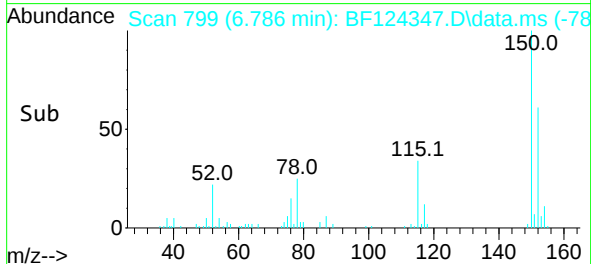
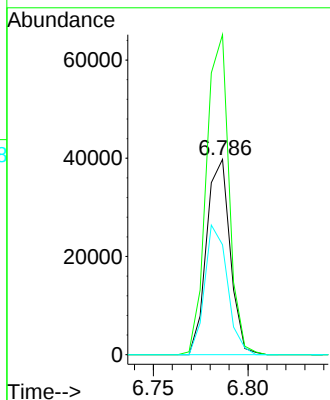
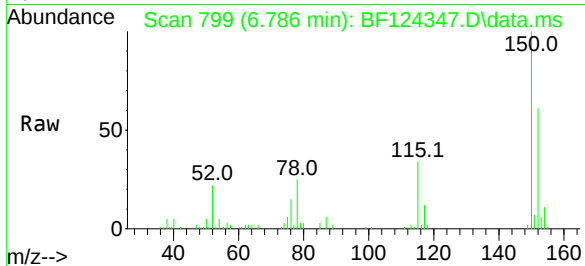




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

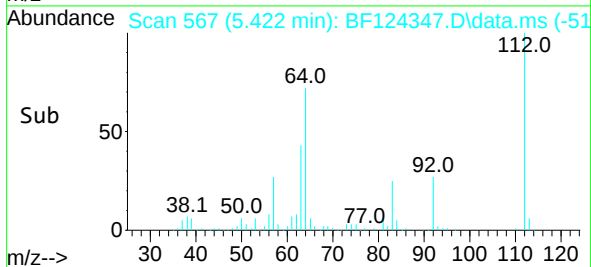
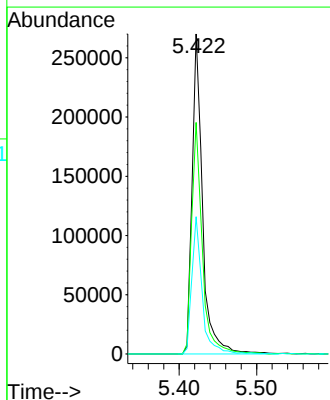
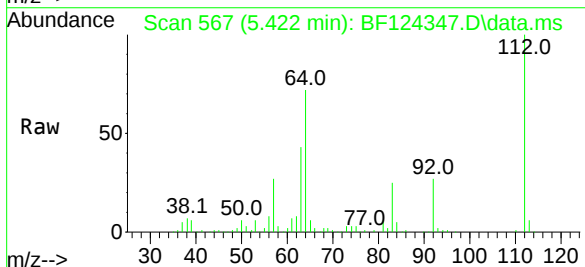
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

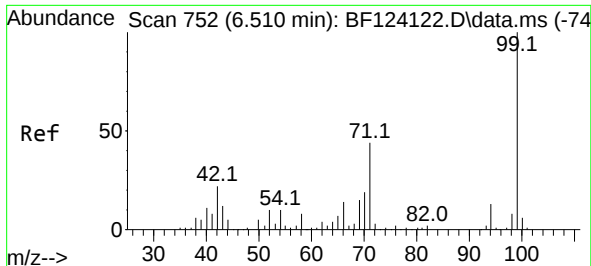
Tgt Ion:152 Resp: 34460
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 56.3 54.3 81.5



#5
2-Fluorophenol
Concen: 110.586 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Tgt Ion:112 Resp: 253152
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 42.9 33.0 49.4

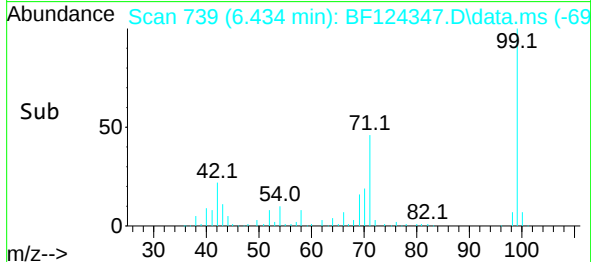
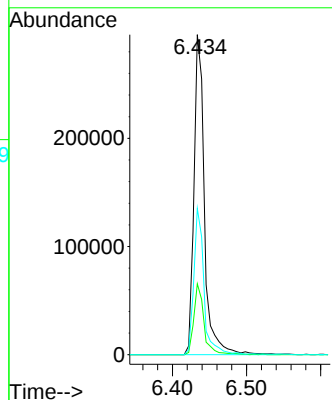
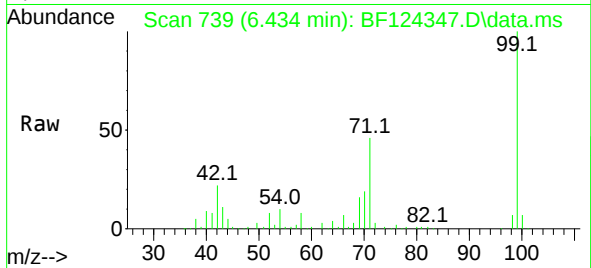




#7
Phenol-d6
Concen: 94.673 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

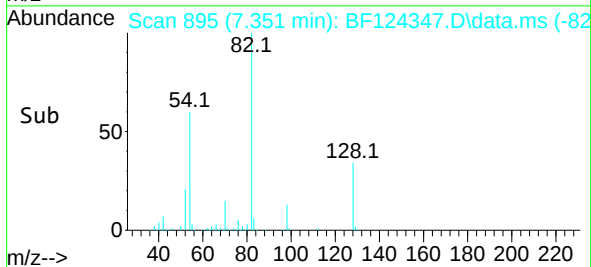
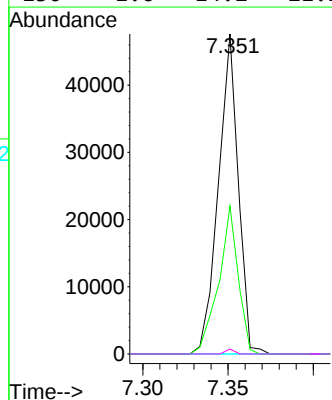
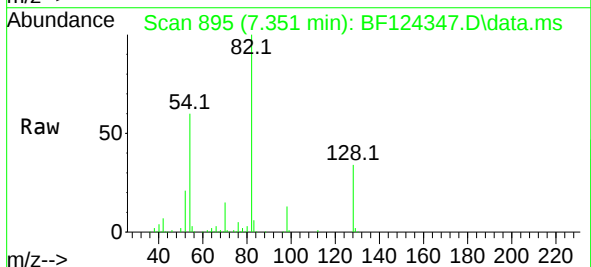
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

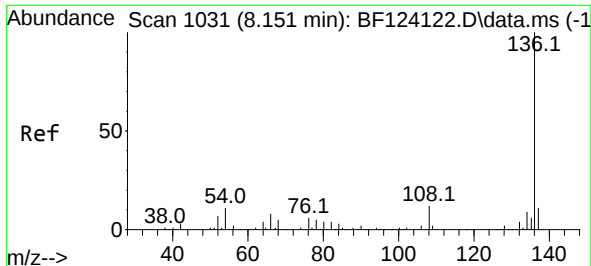
Tgt Ion: 99 Resp: 291311
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.8
71 45.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.774 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

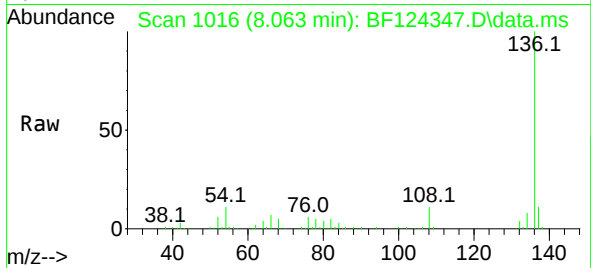
Tgt Ion: 70 Resp: 38607
Ion Ratio Lower Upper
70 100
42 46.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



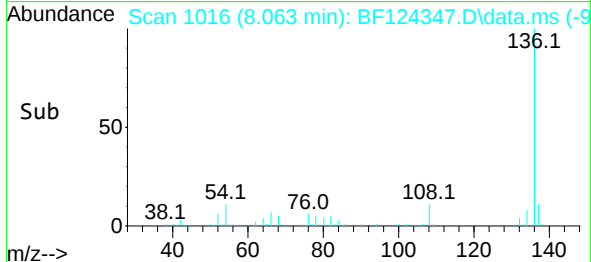
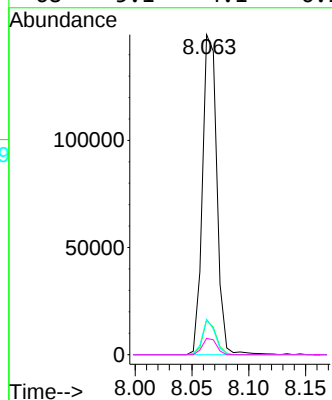


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

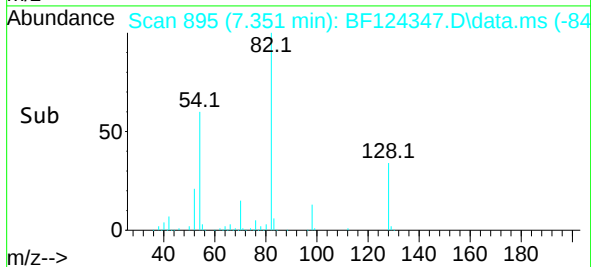
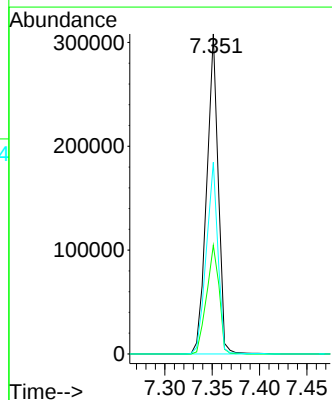
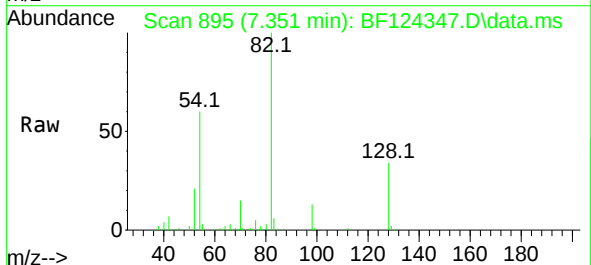


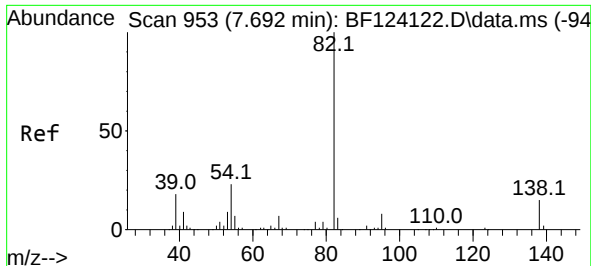
Tgt Ion:136	Resp:	131320
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	11.1	9.8 14.6
68	5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.652 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Tgt Ion: 82	Resp:	260420
Ion Ratio	Lower	Upper
82	100	
128	34.0	29.4 44.2
54	59.9	54.1 81.1

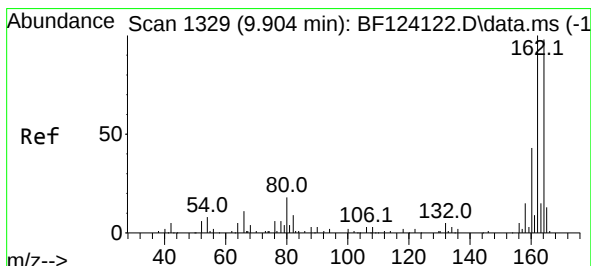
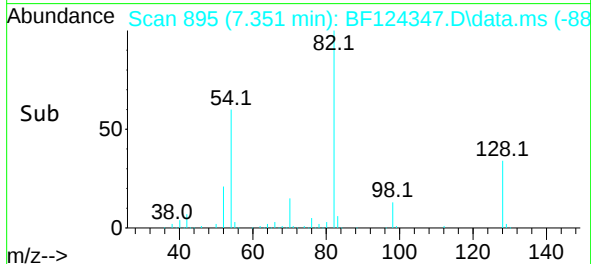
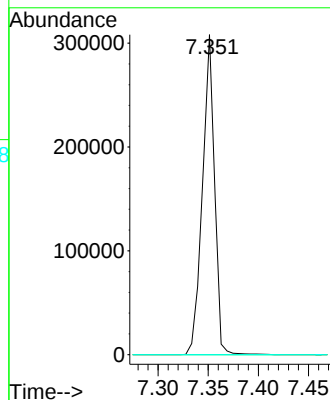
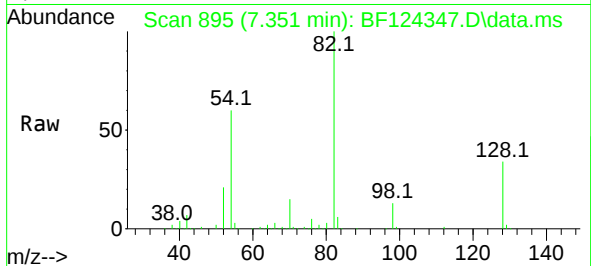




#25
Isophorone
Concen: 43.646 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

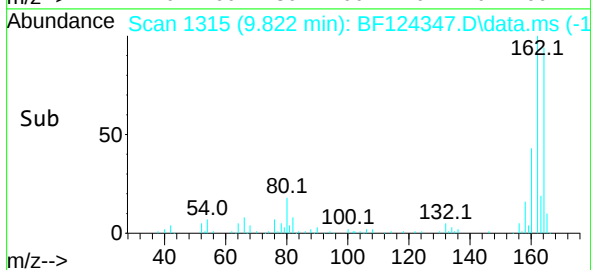
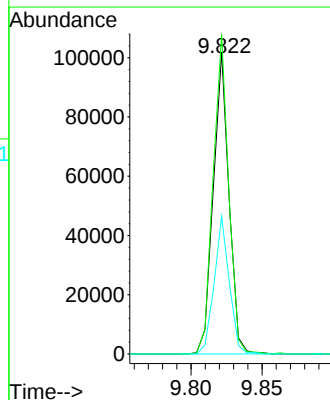
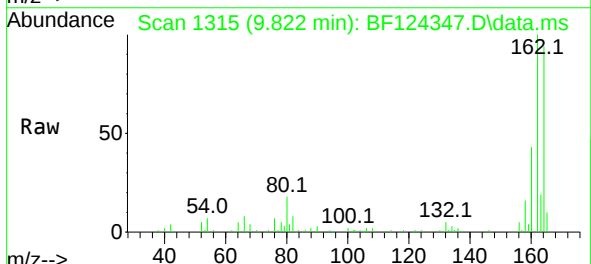
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

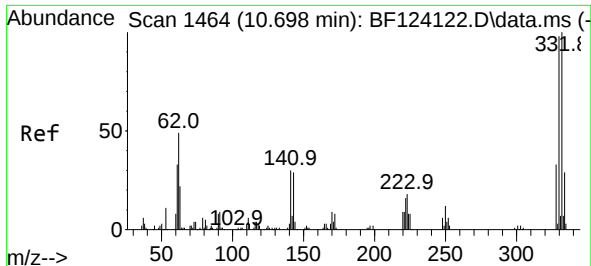
Tgt Ion: 82 Resp: 260415
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

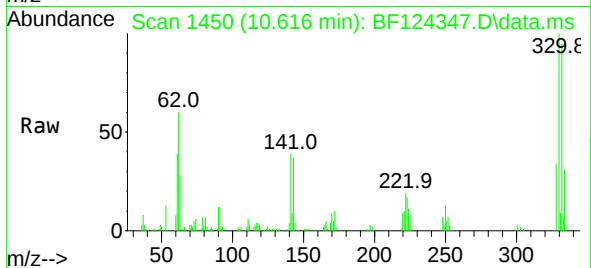
Tgt Ion: 164 Resp: 77829
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 45.6 37.3 55.9



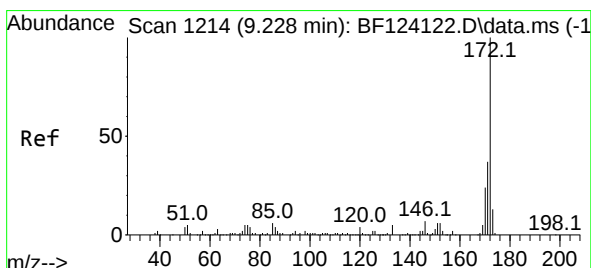
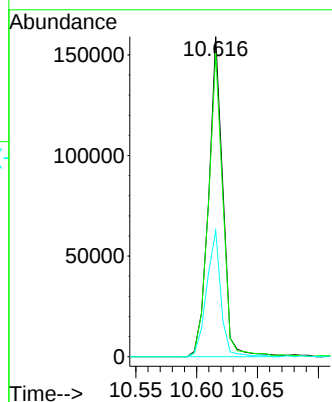
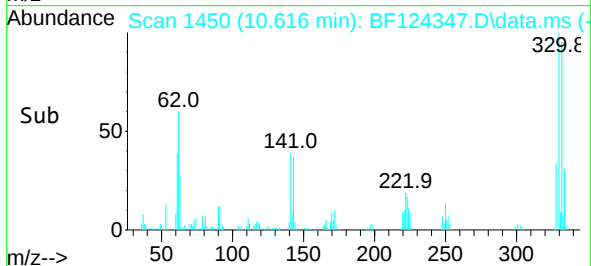


#42
2,4,6-Tribromophenol
Concen: 116.877 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

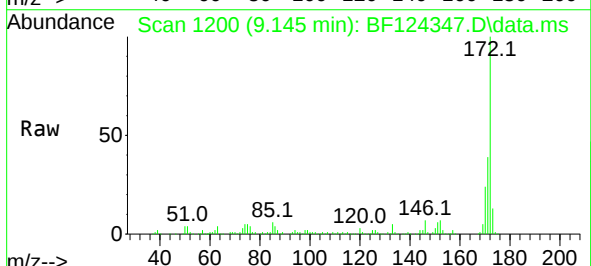
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)



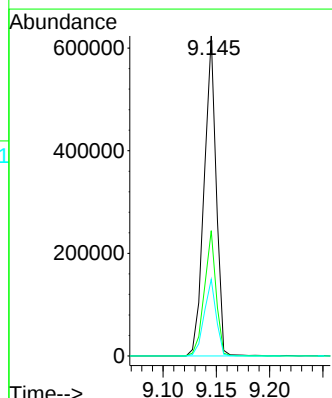
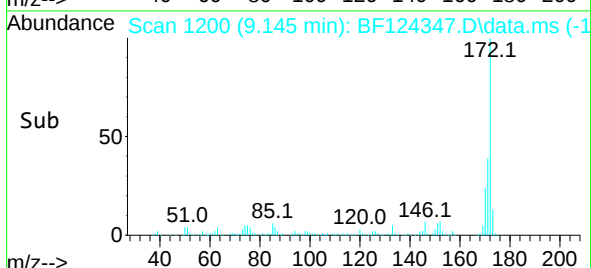
Tgt Ion: 330 Resp: 128874
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 39.6 27.9 41.9

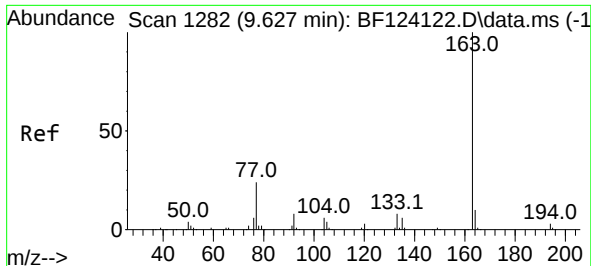


#45
2-Fluorobiphenyl
Concen: 79.758 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03



Tgt Ion: 172 Resp: 493300
Ion Ratio Lower Upper
172 100
171 39.2 28.1 42.1
170 24.0 19.2 28.8

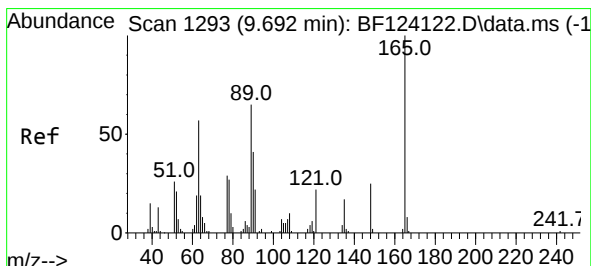
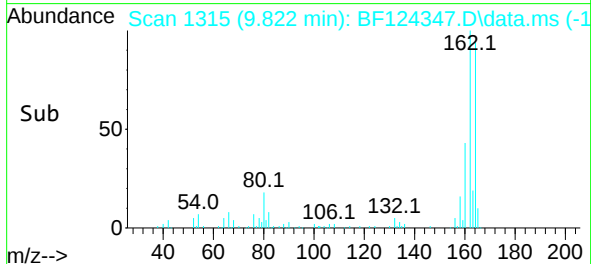
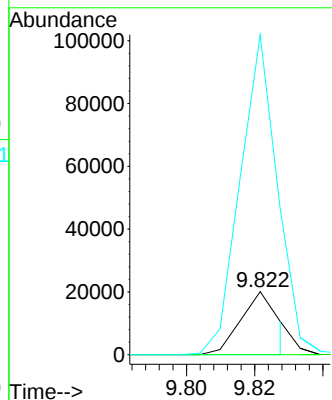
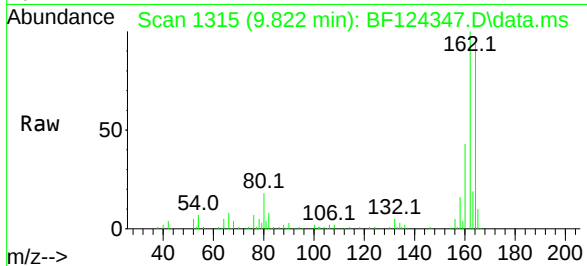




#50
Dimethylphthalate
Concen: 2.364 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

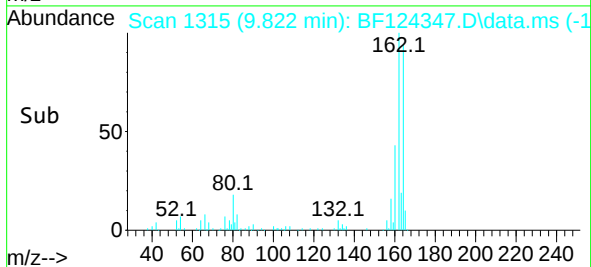
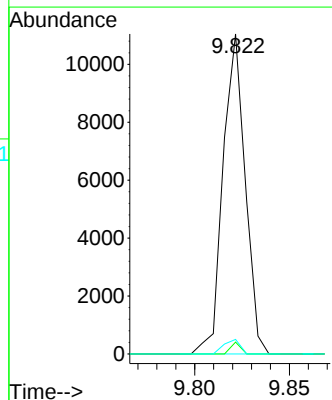
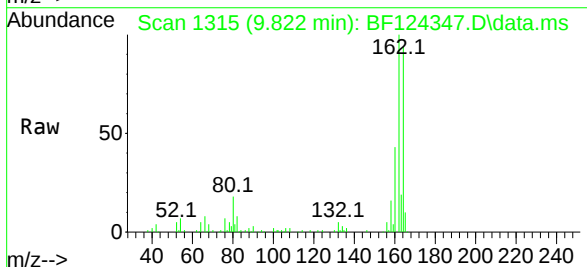
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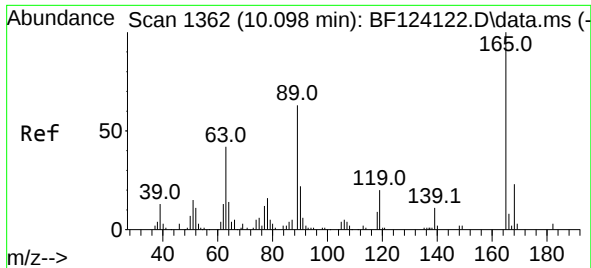
Tgt Ion:163 Resp: 15223
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.088 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

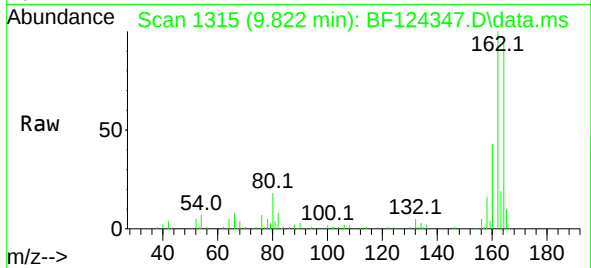
Tgt Ion:165 Resp: 8988
Ion Ratio Lower Upper
165 100
63 3.7 67.7 101.5#
89 4.6 58.8 88.2#



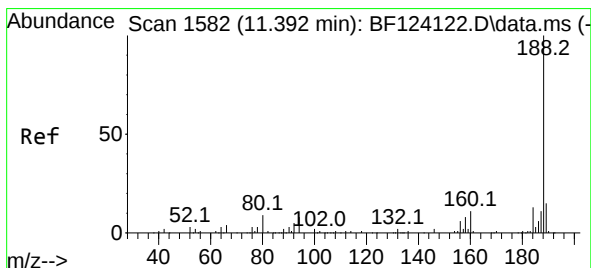
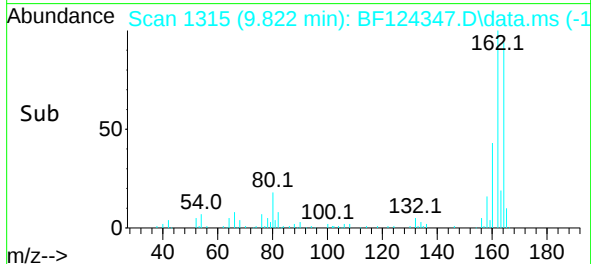
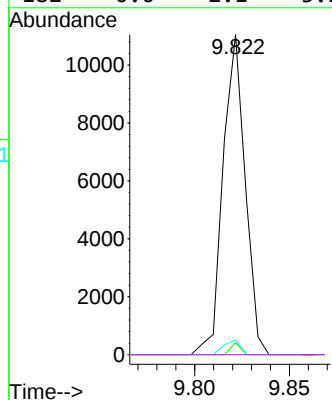


#57
2,4-Dinitrotoluene
Concen: 4.616 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

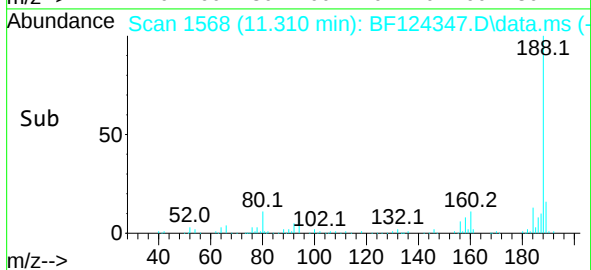
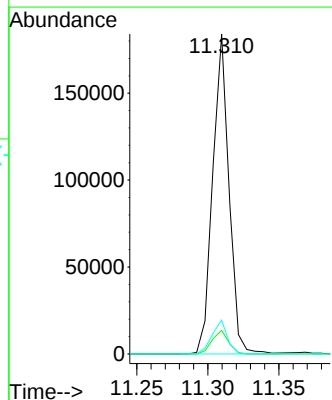
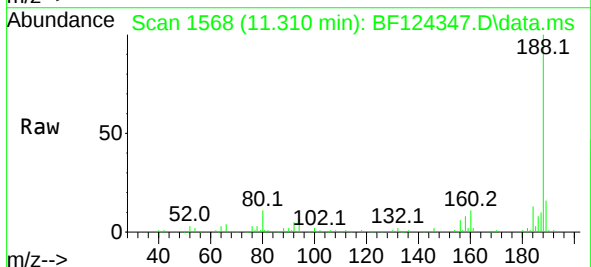


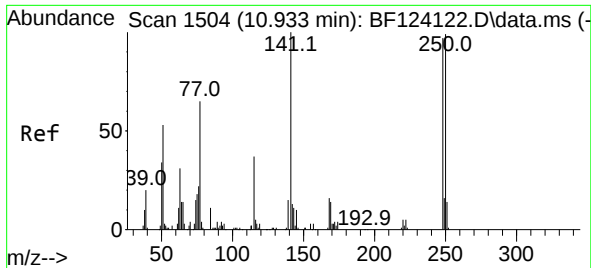
Tgt Ion:165 Resp: 8988
Ion Ratio Lower Upper
165 100
63 3.7 43.5 65.3#
89 4.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Tgt Ion:188 Resp: 147123
Ion Ratio Lower Upper
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94 7.4 6.9 10.3
80 10.5 8.2 12.2

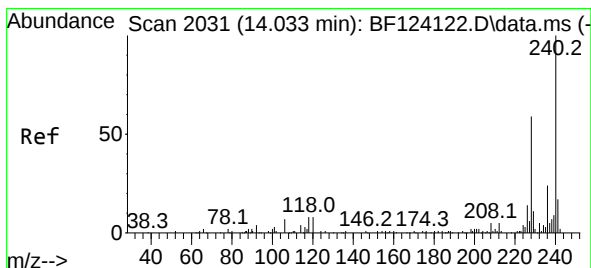
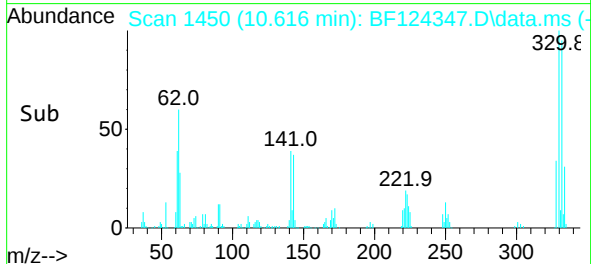
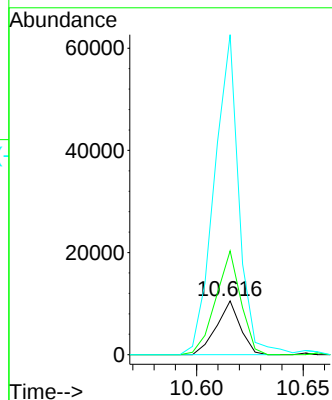
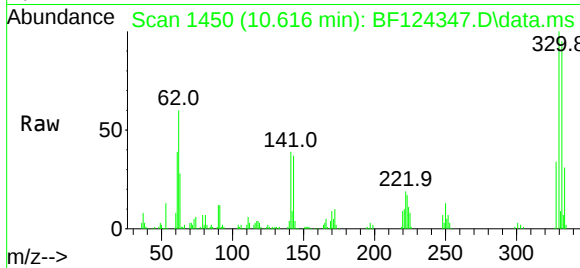




#67
4-Bromophenyl-phenylether
Concen: 4.051 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

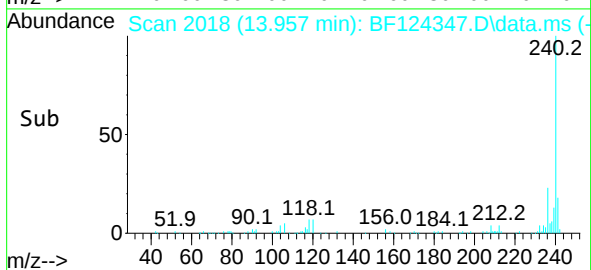
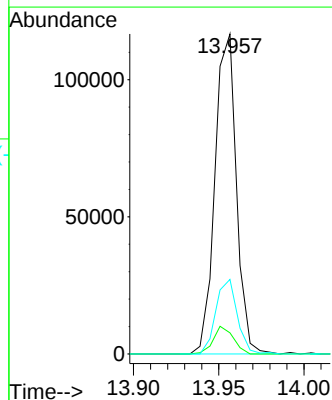
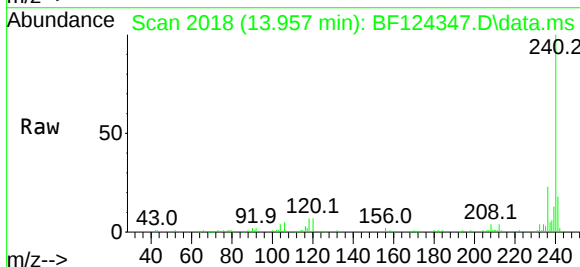
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

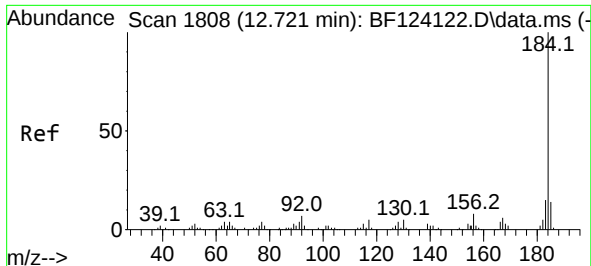
Tgt Ion:248 Resp: 8180
Ion Ratio Lower Upper
248 100
250 193.4 77.4 116.2#
141 596.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Tgt Ion:240 Resp: 102242
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 23.3 19.0 28.4

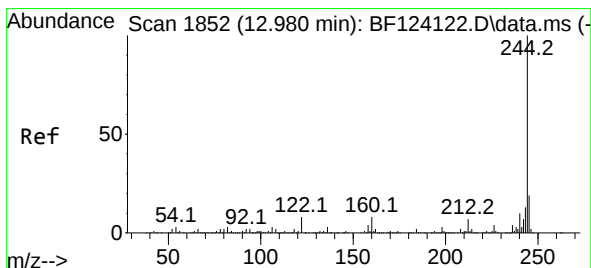
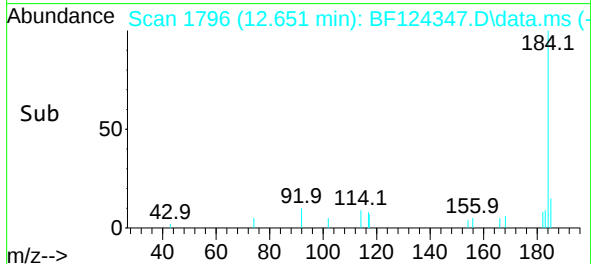
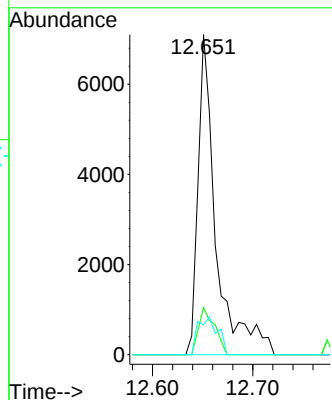
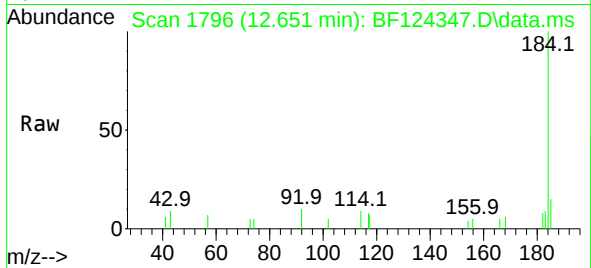




#77
Benzidine
Concen: 7.467 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.047 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

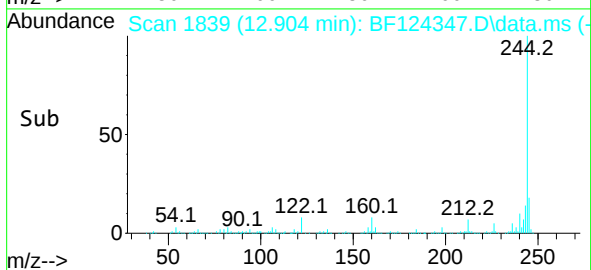
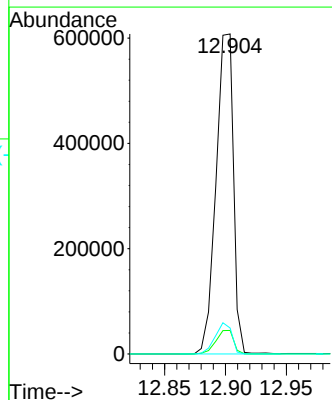
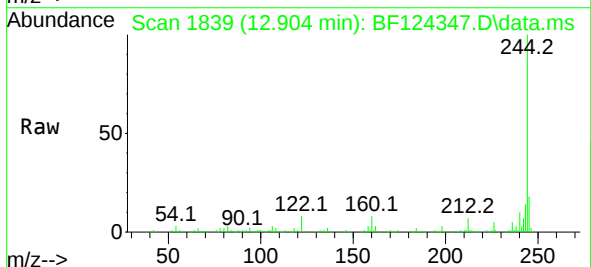
Instrument :
BNA_F
ClientSampleId :
17-B6(80-84)

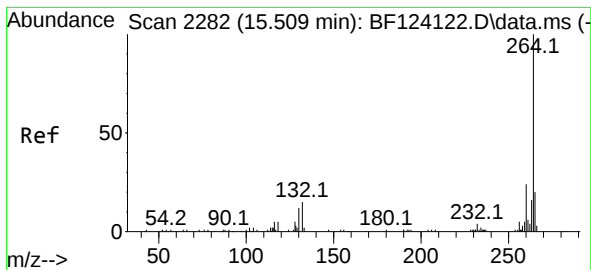
Tgt Ion:184 Resp: 8866
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 9.3 7.8 11.8



#79
Terphenyl-d14
Concen: 81.255 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124347.D
Acq: 16 Jun 2021 18:03

Tgt Ion:244 Resp: 605094
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.1 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: BF124347.D
 Acq: 16 Jun 2021 18:03

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(80-84)

Tgt Ion:264 Resp: 86999
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 22.4 17.8 26.8

