

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124377.D
 Acq On : 18 Jun 2021 16:52
 Operator : JU/CG
 Sample : M2687-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(116-120)

Quant Time: Jun 18 17:21:06 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)

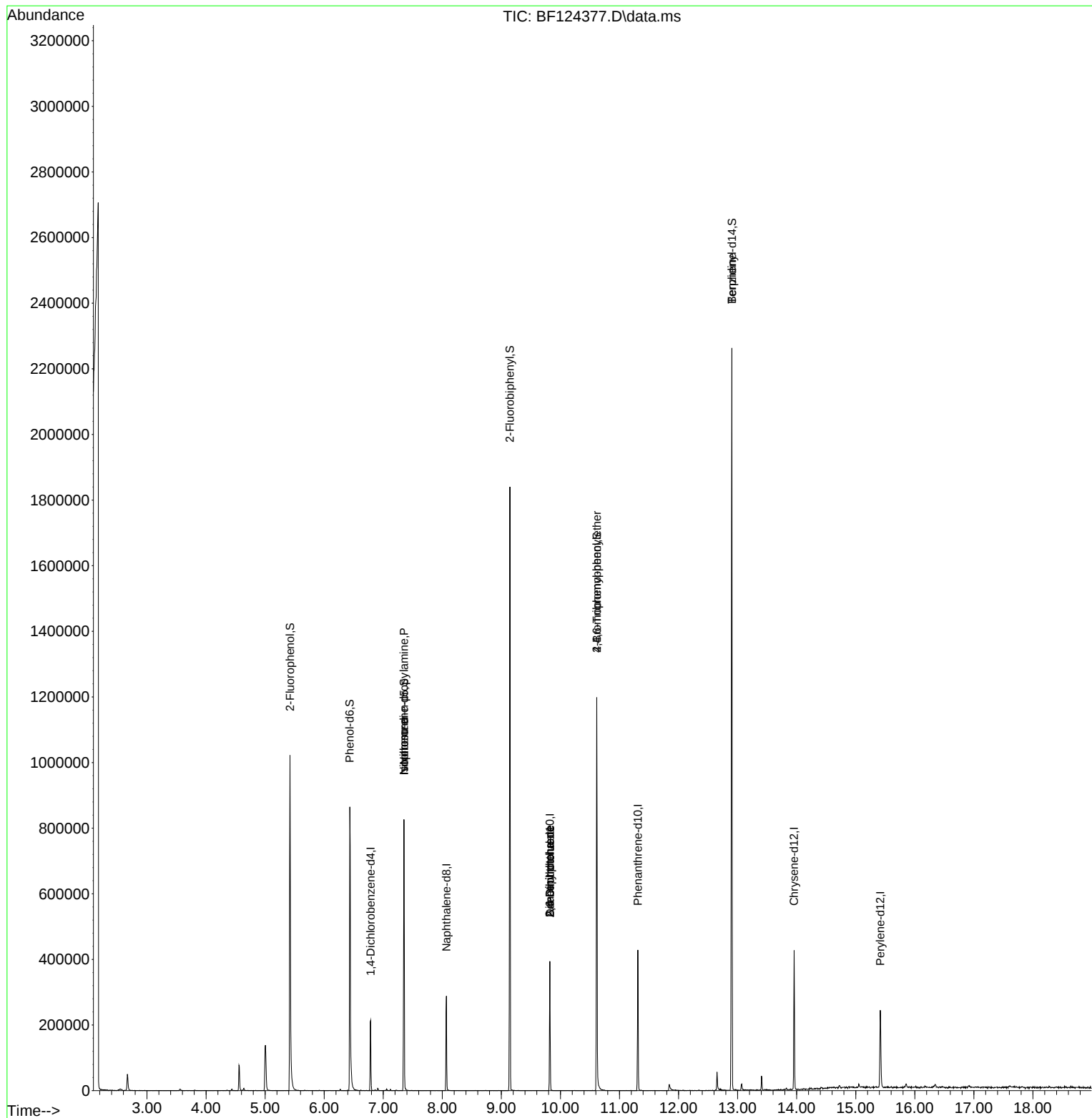
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	28217	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	115450	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	64407	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	136009	20.000	ng	0.00
76) Chrysene-d12	13.957	240	129268	20.000	ng	0.00
86) Perylene-d12	15.415	264	97410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	238745	127.368	ng	0.00
7) Phenol-d6	6.434	99	270060	107.185	ng	-0.01
23) Nitrobenzene-d5	7.351	82	240664	82.677	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128861	141.219	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	459530	89.782	ng	0.00
79) Terphenyl-d14	12.904	244	676519	71.853	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	33576	18.878	ng	# 61
25) Isophorone	7.351	82	240659	45.879	ng	# 69
50) Dimethylphthalate	9.822	163	12553	2.356	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	8433	6.902	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	8433	5.233	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	8506	4.556	ng	# 1
77) Benzidine	12.904	184	12557	7.876	ng	97

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

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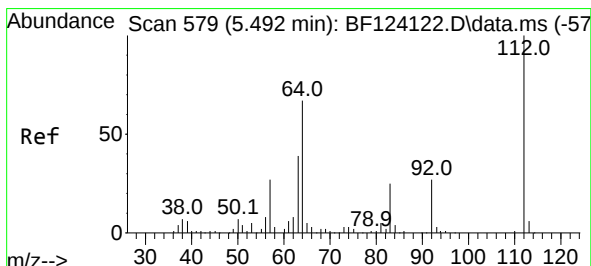
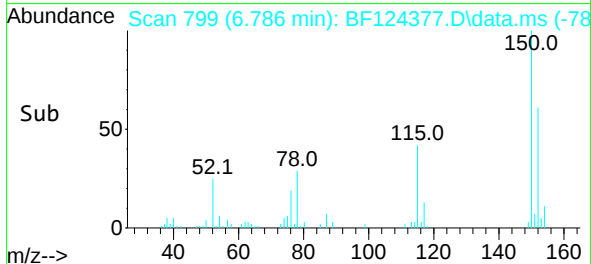
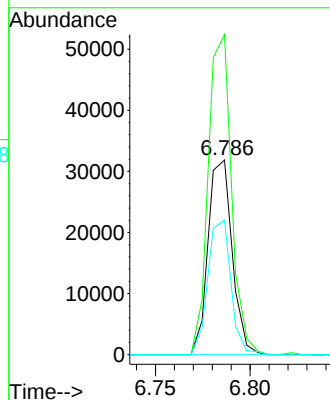
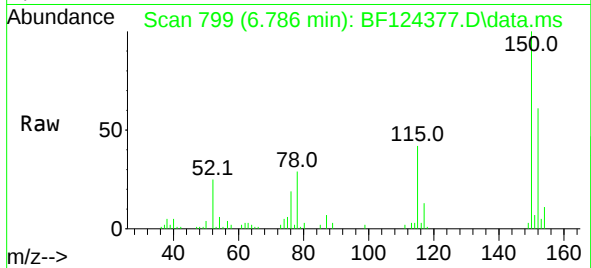




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

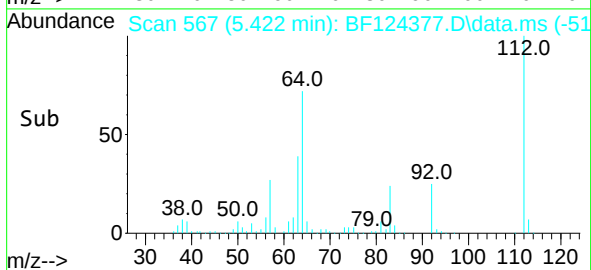
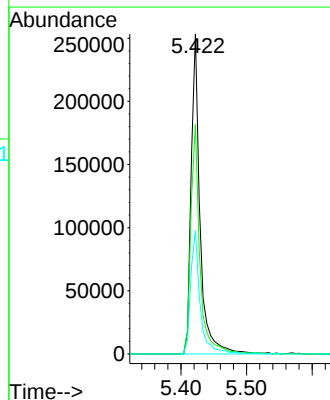
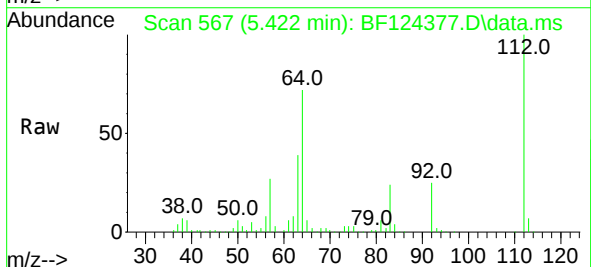
Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

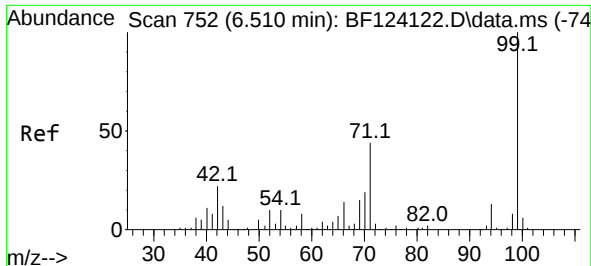
Tgt Ion:152 Resp: 28217
Ion Ratio Lower Upper
152 100
150 164.3 127.0 190.6
115 69.0 54.3 81.5



#5
2-Fluorophenol
Concen: 127.368 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Tgt Ion:112 Resp: 238745
Ion Ratio Lower Upper
112 100
64 71.7 61.4 92.0
63 38.5 33.0 49.4

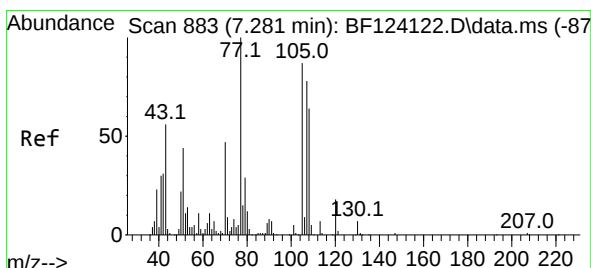
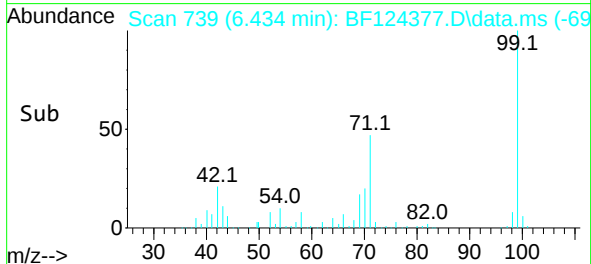
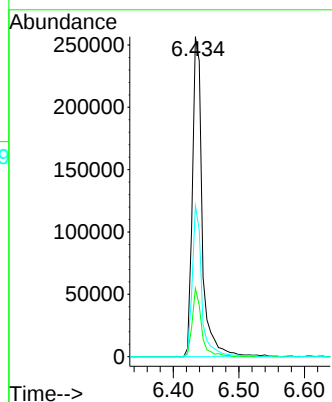
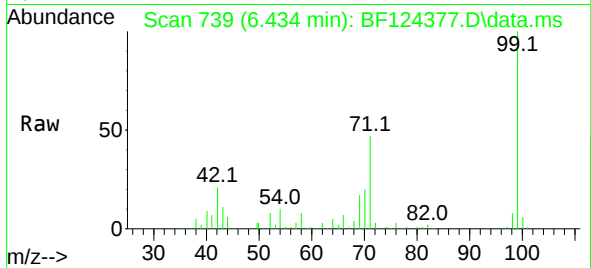




#7
Phenol-d6
Concen: 107.185 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

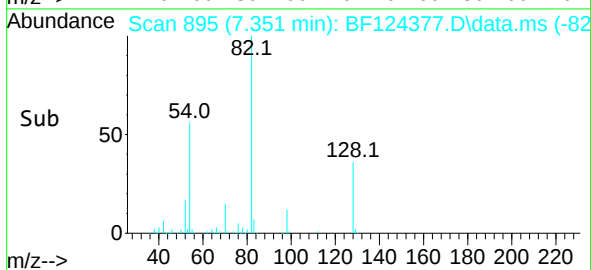
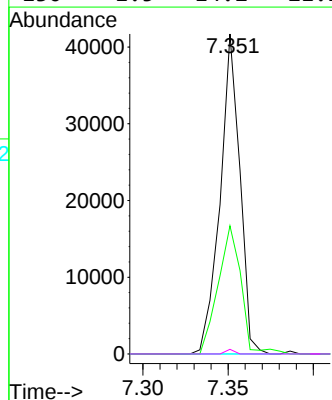
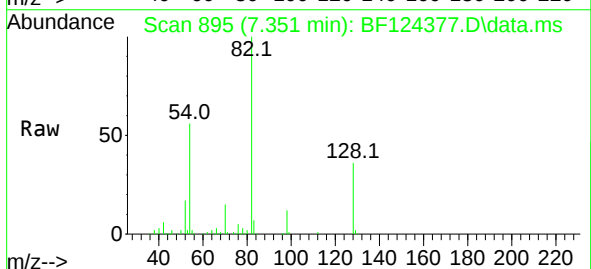
Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

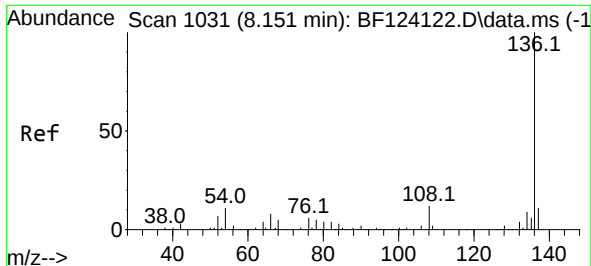
Tgt Ion: 99 Resp: 270060
Ion Ratio Lower Upper
99 100
42 21.3 19.8 29.8
71 47.2 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.878 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

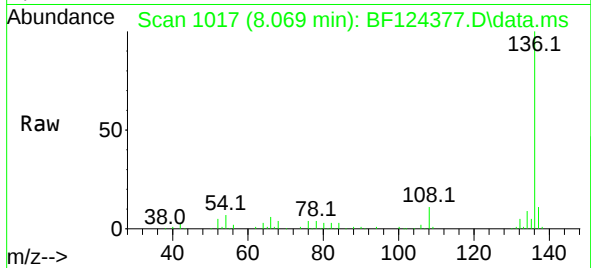
Tgt Ion: 70 Resp: 33576
Ion Ratio Lower Upper
70 100
42 40.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



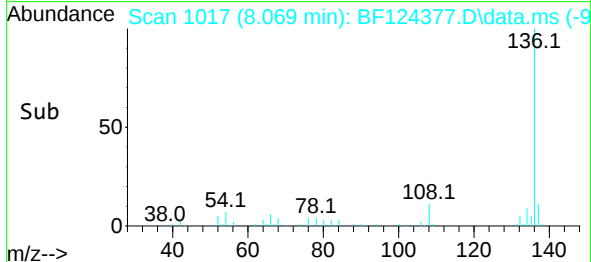
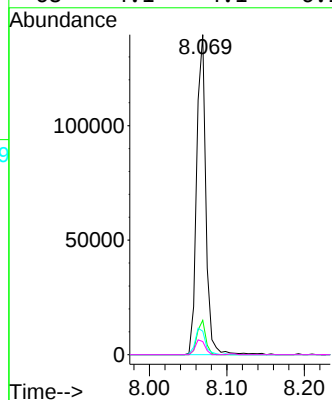


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

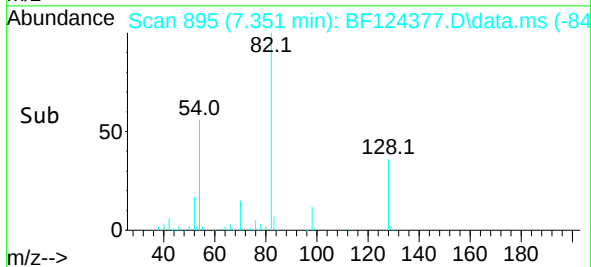
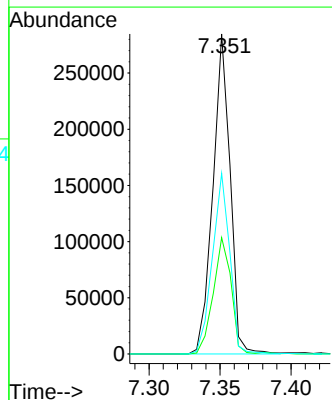
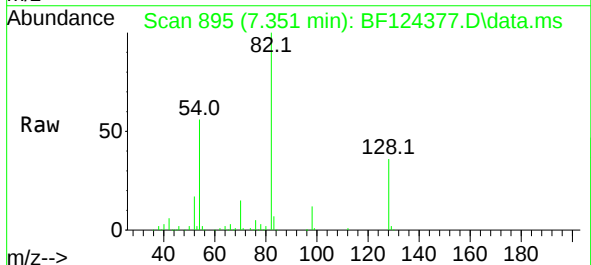


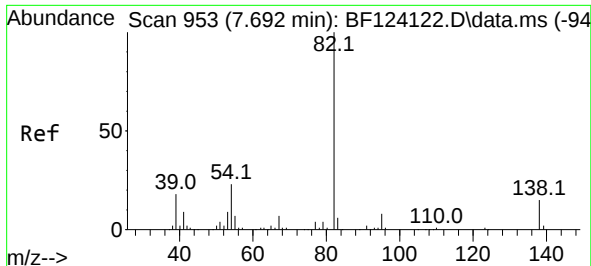
Tgt Ion:136 Resp: 115450
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.3 9.8 14.6#
68 4.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.677 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Tgt Ion: 82 Resp: 240664
Ion Ratio Lower Upper
82 100
128 36.4 29.4 44.2
54 56.4 54.1 81.1

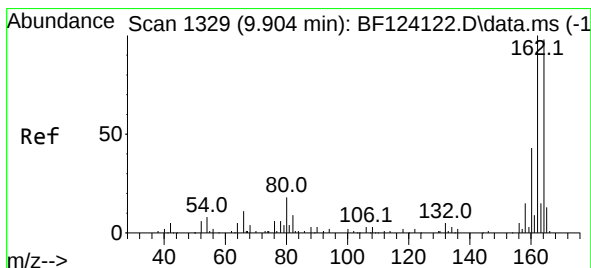
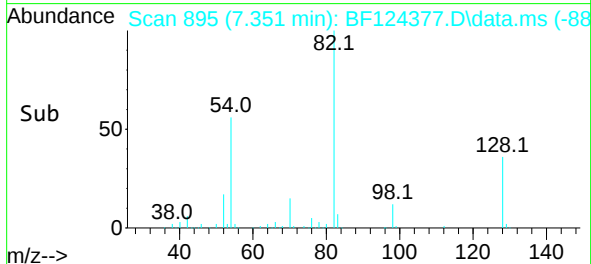
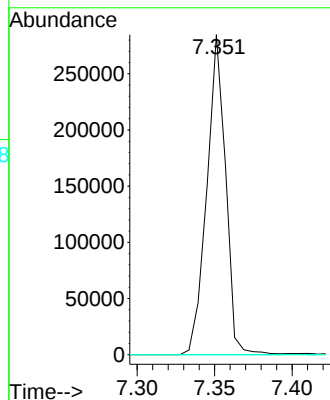
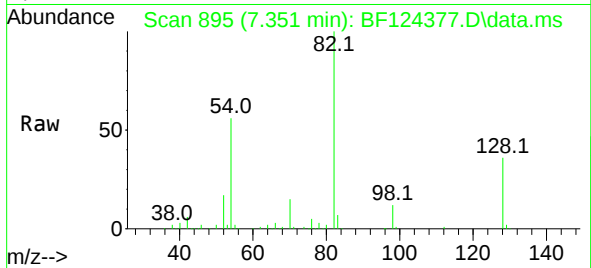




#25
Isophorone
Concen: 45.879 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

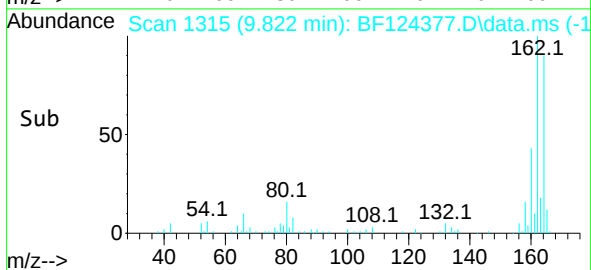
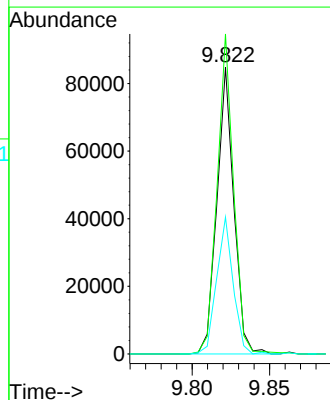
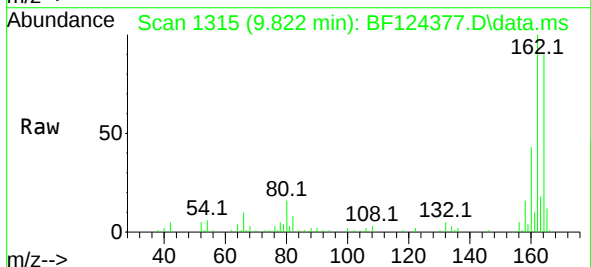
Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

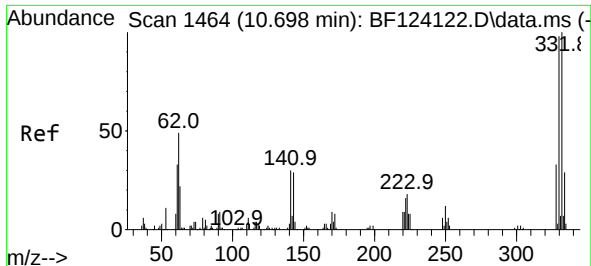
Tgt Ion: 82 Resp: 240659
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

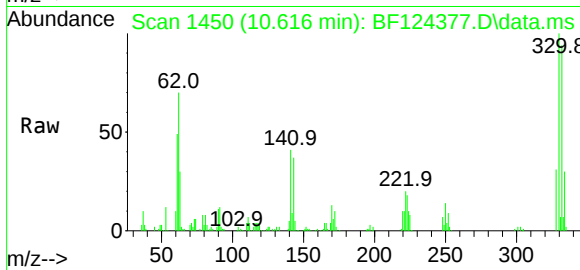
Tgt Ion: 164 Resp: 64407
Ion Ratio Lower Upper
164 100
162 111.6 80.7 121.1
160 47.7 37.3 55.9



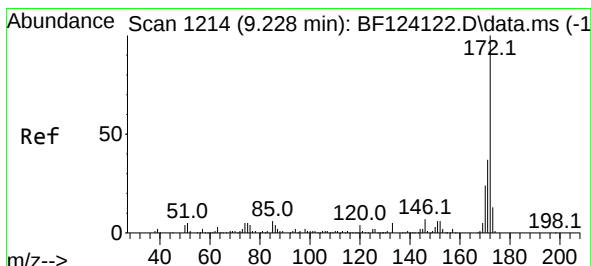
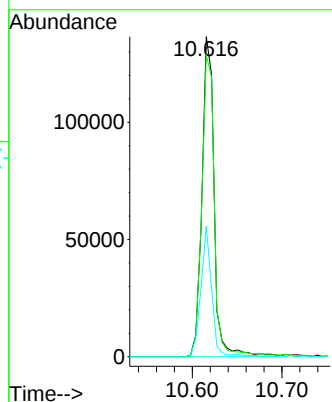
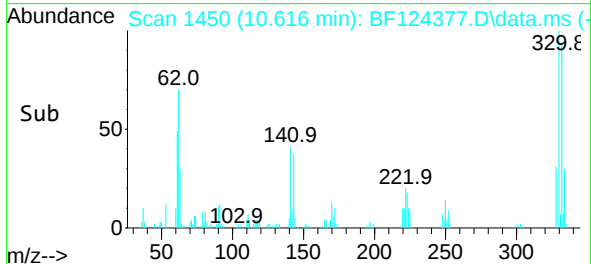


#42
2,4,6-Tribromophenol
Concen: 141.219 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

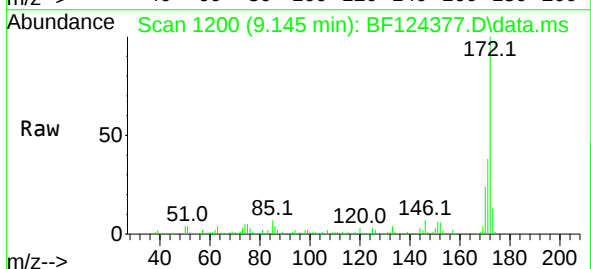
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BNA_F
ClientSampleId :
17-B6(116-120)



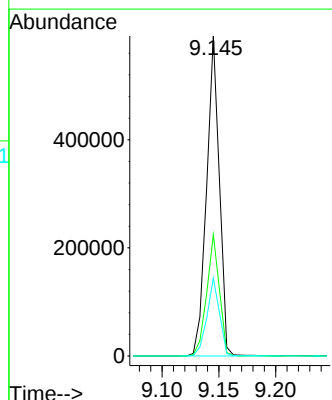
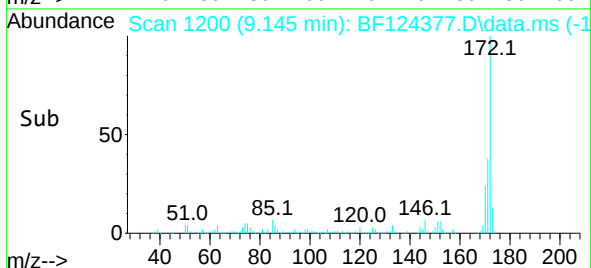
Tgt Ion: 330 Resp: 128861
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.4 27.9 41.9

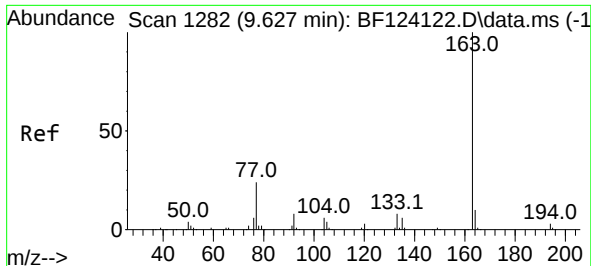


#45
2-Fluorobiphenyl
Concen: 89.782 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52



Tgt Ion: 172 Resp: 459530
Ion Ratio Lower Upper
172 100
171 38.0 28.1 42.1
170 24.3 19.2 28.8

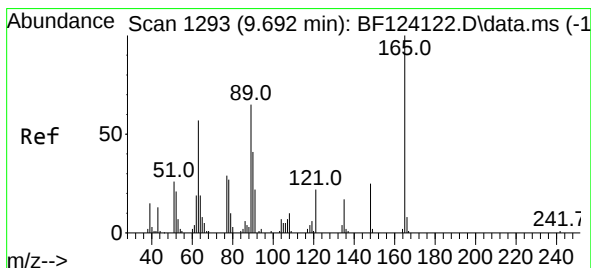
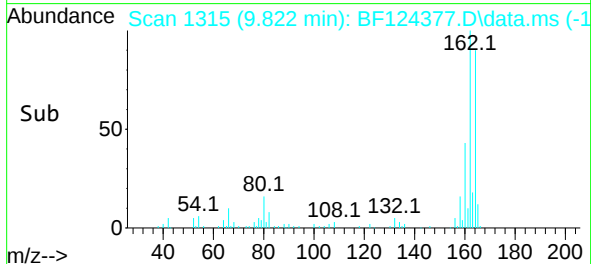
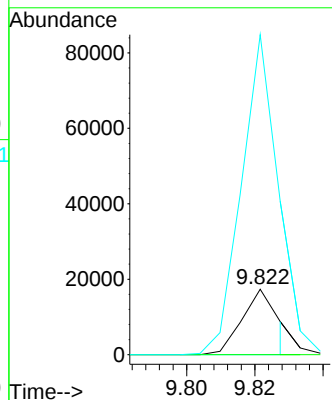
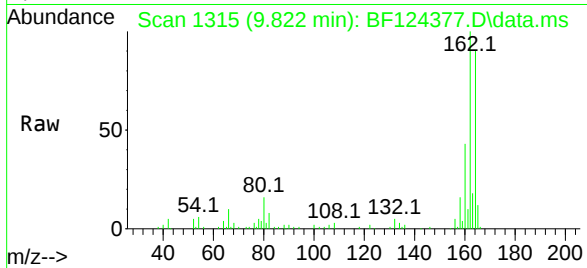




#50
Dimethylphthalate
Concen: 2.356 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

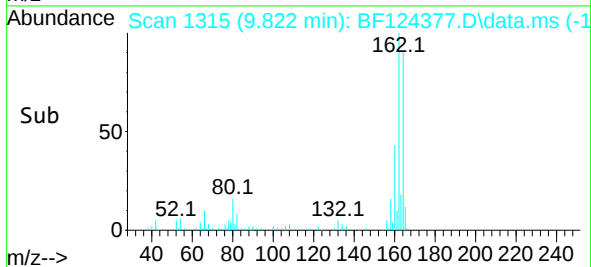
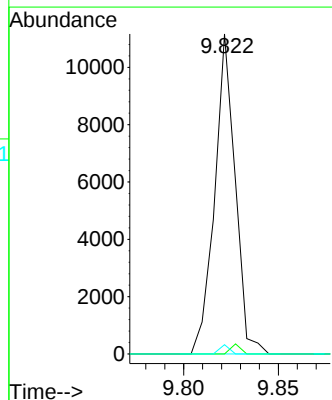
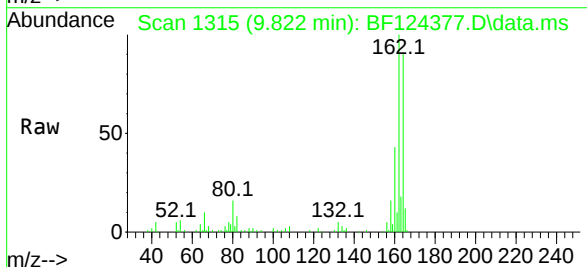
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BNA_F
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17-B6(116-120)

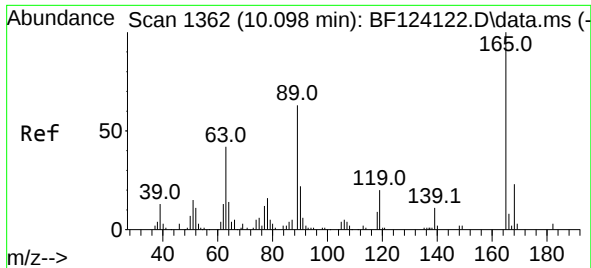
Tgt Ion:163 Resp: 12553
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 488.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.902 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

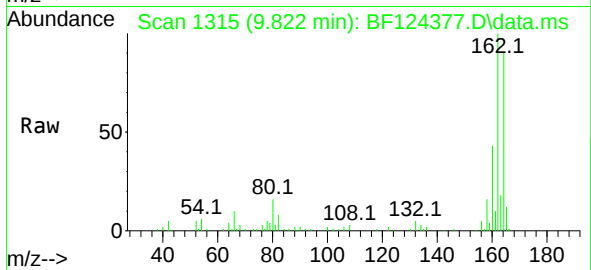
Tgt Ion:165 Resp: 8433
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.9 58.8 88.2#



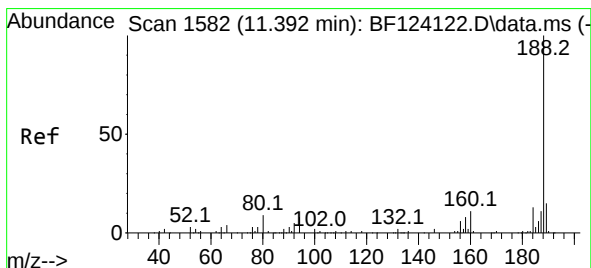
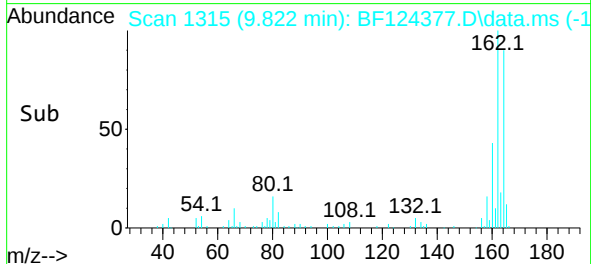
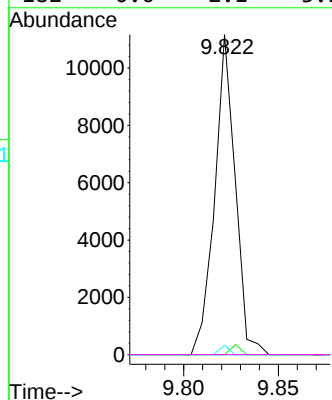


#57
2,4-Dinitrotoluene
Concen: 5.233 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

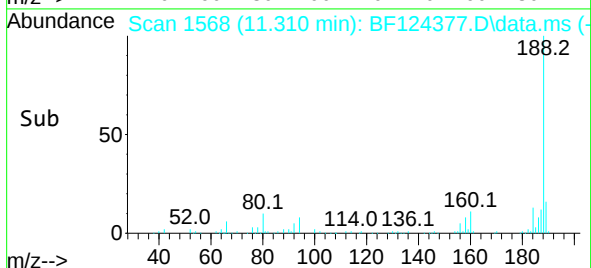
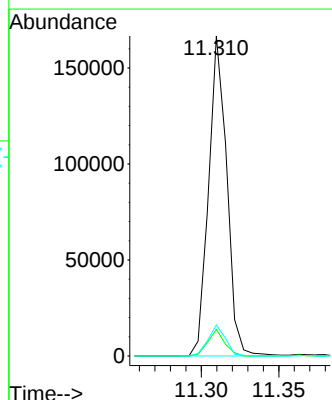
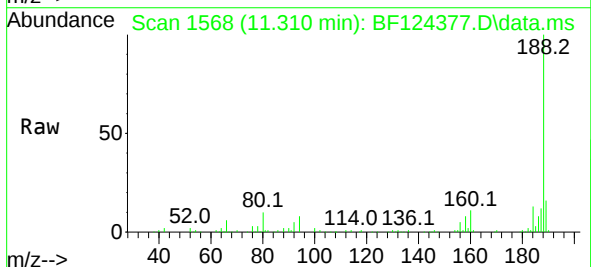


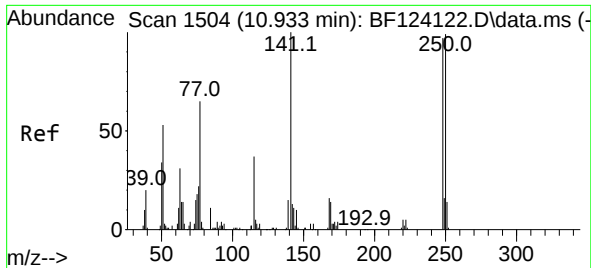
Tgt Ion:165 Resp: 8433
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.9 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Tgt Ion:188 Resp: 136009
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.7 8.2 12.2

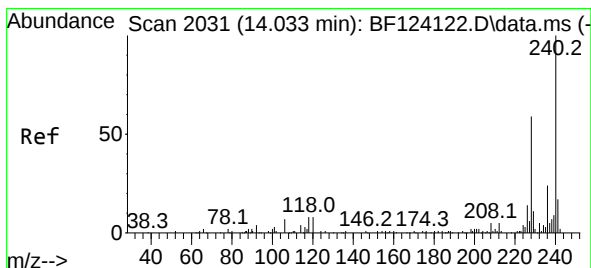
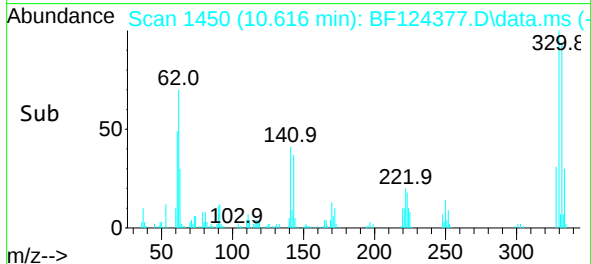
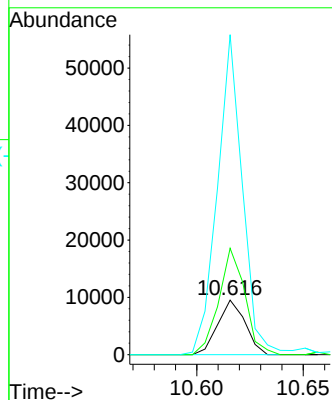
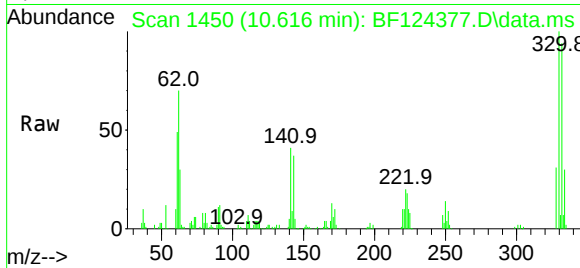




#67
4-Bromophenyl-phenylether
Concen: 4.556 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

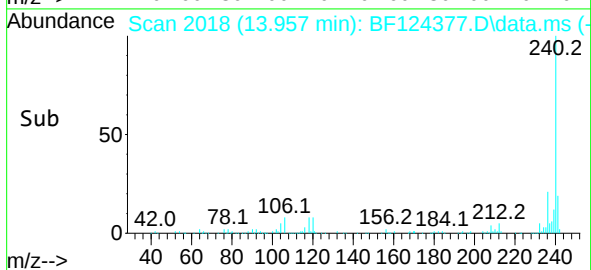
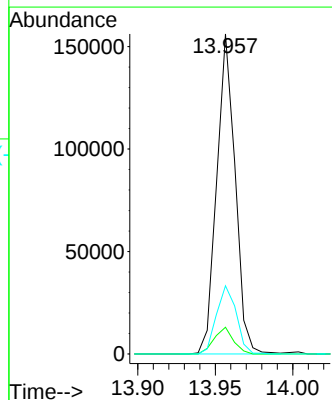
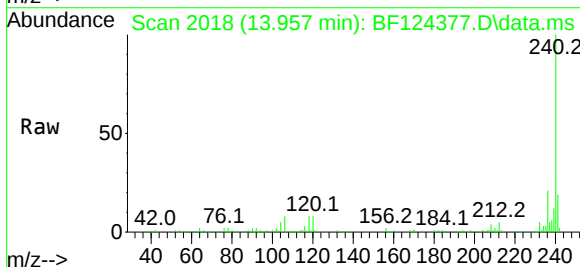
Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

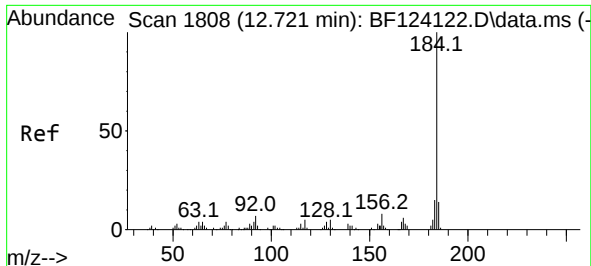
Tgt Ion:248 Resp: 8506
Ion Ratio Lower Upper
248 100
250 194.9 77.4 116.2#
141 586.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Tgt Ion:240 Resp: 129268
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 21.3 19.0 28.4

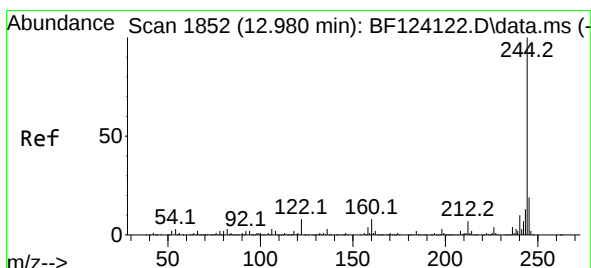
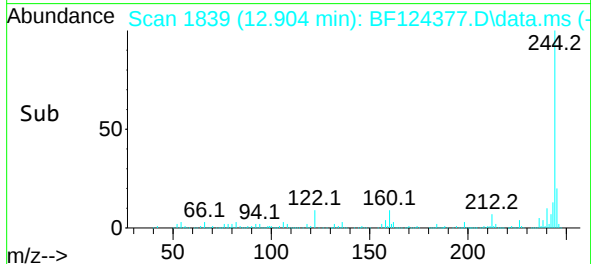
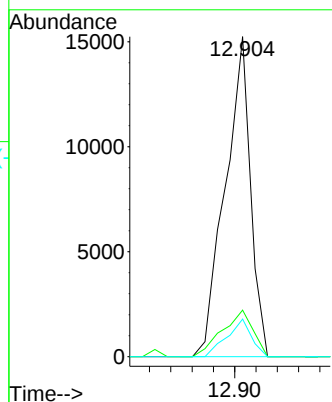
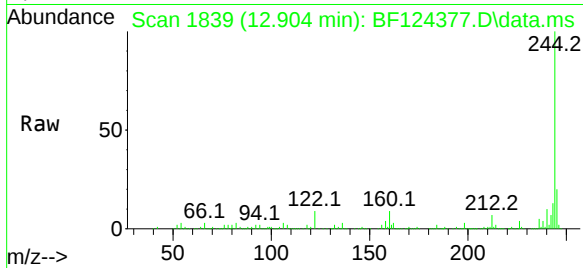




#77
Benzidine
Concen: 7.876 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

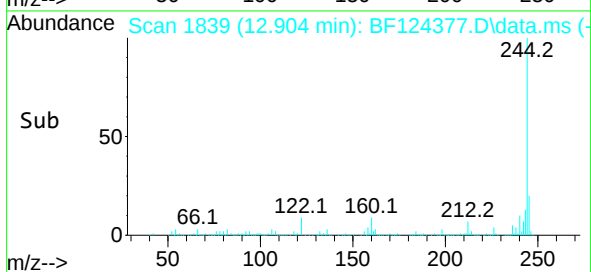
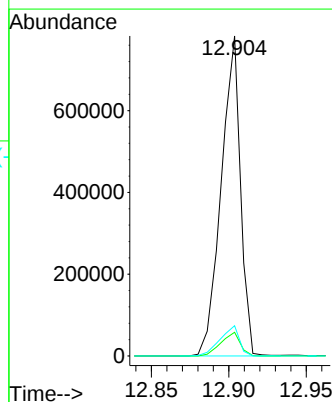
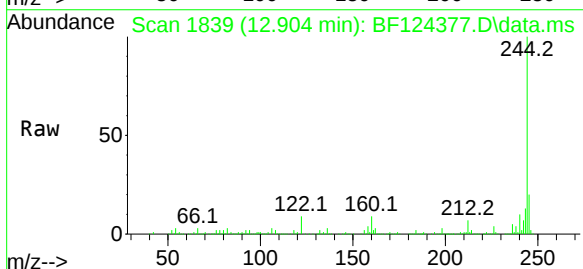
Instrument :
BNA_F
ClientSampleId :
17-B6(116-120)

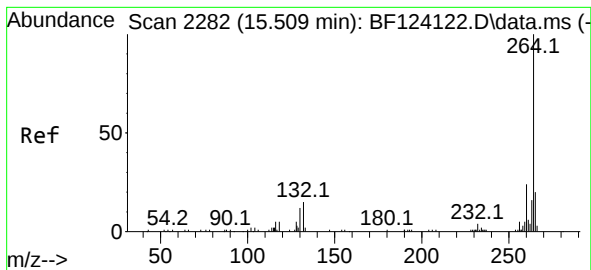
Tgt Ion:184 Resp: 12557
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 11.8 7.8 11.8



#79
Terphenyl-d14
Concen: 71.853 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF124377.D
Acq: 18 Jun 2021 16:52

Tgt Ion:244 Resp: 676519
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.5 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: BF124377.D
 Acq: 18 Jun 2021 16:52

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(116-120)

Tgt Ion:264 Resp: 97410
 Ion Ratio Lower Upper
 264 100
 260 20.3 18.7 28.1
 265 23.0 17.8 26.8

