

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124375.D
 Acq On : 18 Jun 2021 15:46
 Operator : JU/CG
 Sample : M2687-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(120-124)

Quant Time: Jun 18 16:11:51 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)

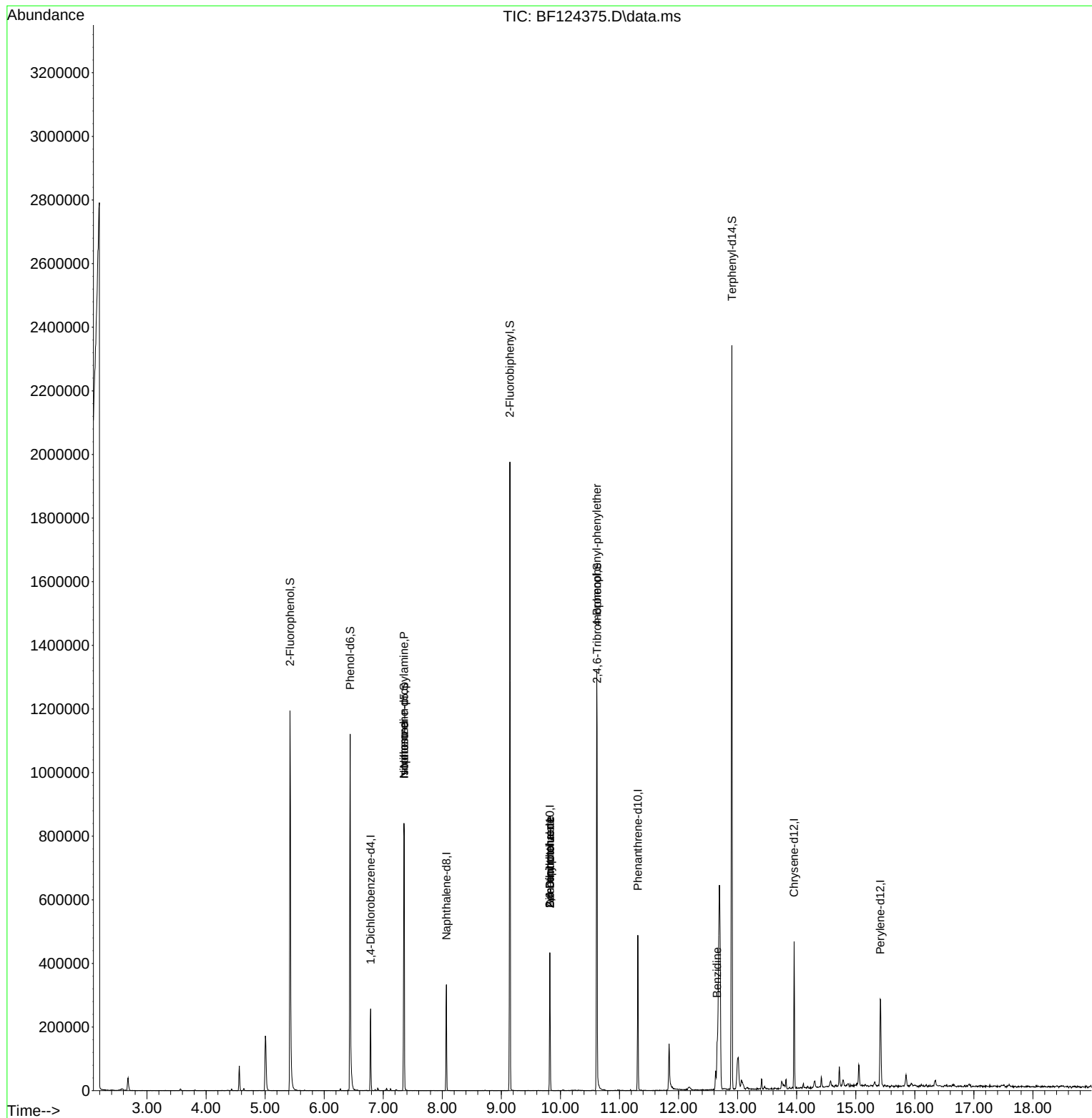
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32570	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	127713	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	73350	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	152737	20.000	ng	0.00
76) Chrysene-d12	13.957	240	135449	20.000	ng	0.00
86) Perylene-d12	15.415	264	103292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	284566	131.523	ng	0.00
7) Phenol-d6	6.439	99	324434	111.556	ng	0.00
23) Nitrobenzene-d5	7.351	82	283205	87.949	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	143699	138.280	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	547676	93.957	ng	0.00
79) Terphenyl-d14	12.904	244	738666	74.874	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	39759	19.366	ng	# 66
25) Isophorone	7.351	82	283200	48.805	ng	# 69
50) Dimethylphthalate	9.822	163	14247	2.348	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10447	7.508	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	10447	5.693	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	10406	4.964	ng	# 1
77) Benzidine	12.651	184	29514	12.619	ng	# 95

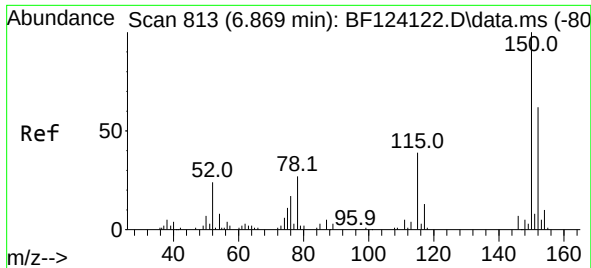
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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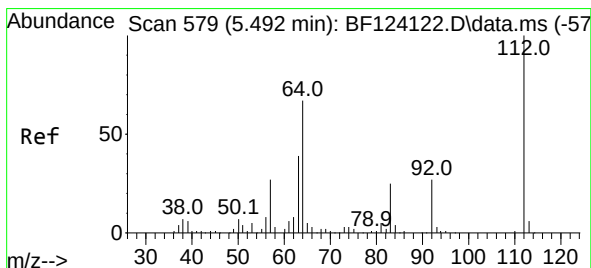
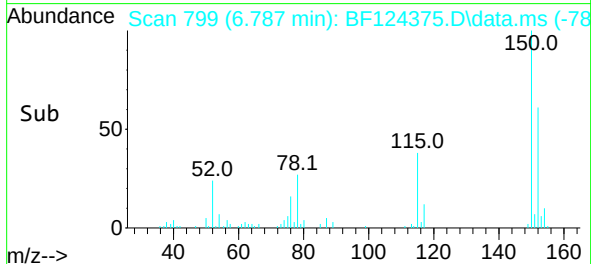
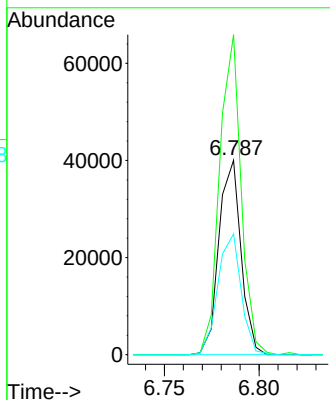
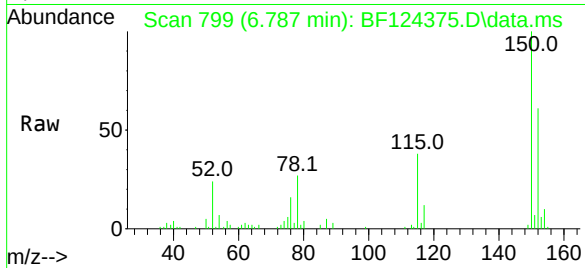




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF124375.D
 Acq: 18 Jun 2021 15:46

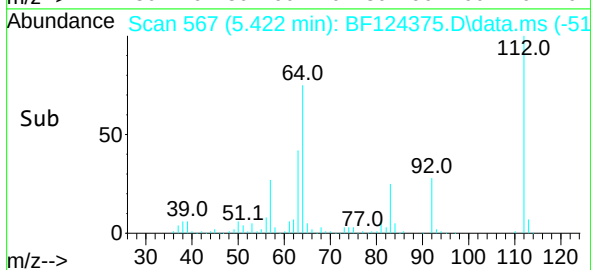
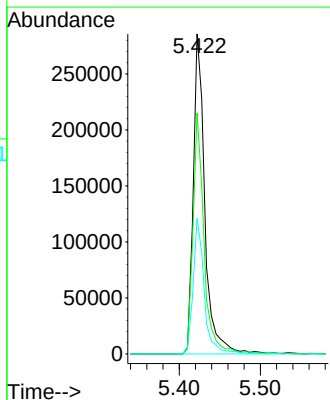
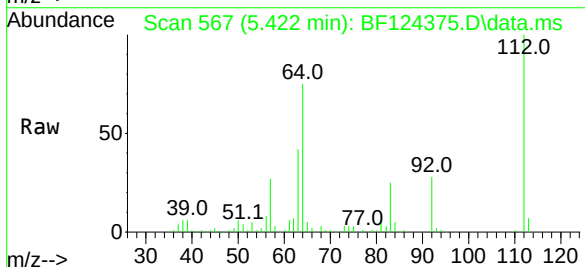
Instrument :
 BNA_F
 ClientSampleId :
 17-B6(120-124)

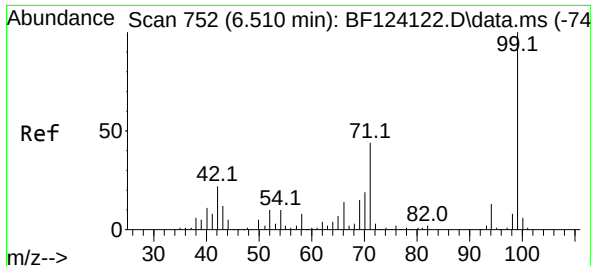
Tgt Ion:152 Resp: 32570
 Ion Ratio Lower Upper
 152 100
 150 164.5 127.0 190.6
 115 62.1 54.3 81.5



#5
 2-Fluorophenol
 Concen: 131.523 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF124375.D
 Acq: 18 Jun 2021 15:46

Tgt Ion:112 Resp: 284566
 Ion Ratio Lower Upper
 112 100
 64 75.2 61.4 92.0
 63 42.4 33.0 49.4

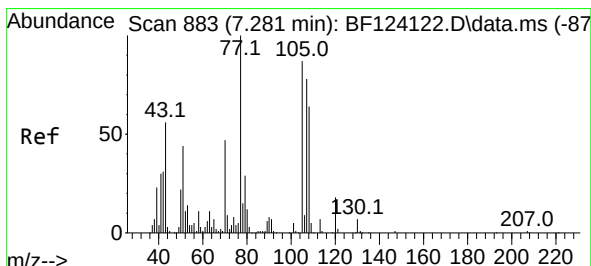
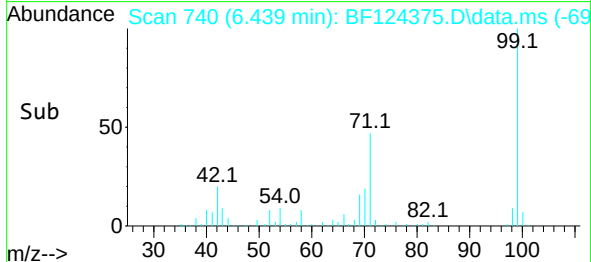
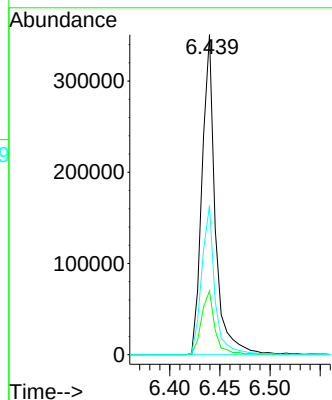
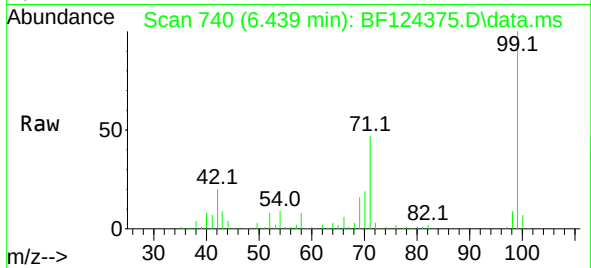




#7
Phenol-d6
Concen: 111.556 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

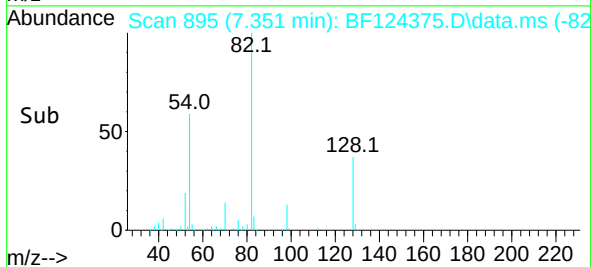
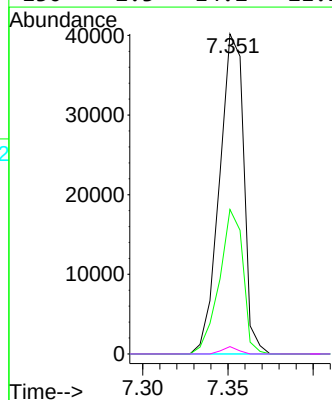
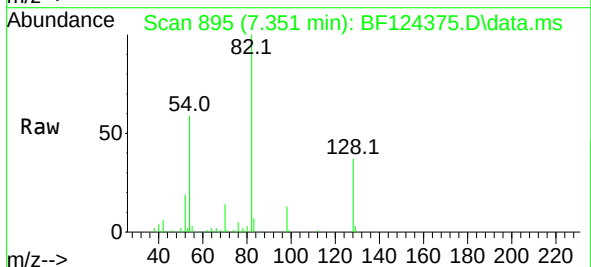
Instrument :
BNA_F
ClientSampleId :
17-B6(120-124)

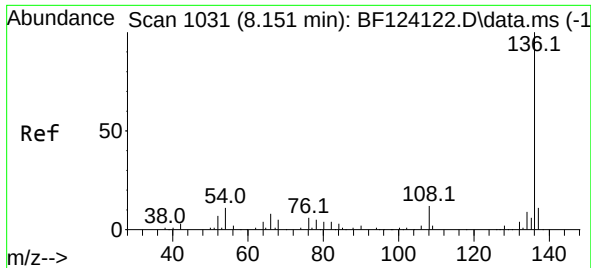
Tgt Ion: 99 Resp: 324434
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 46.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.366 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion: 70 Resp: 39759
Ion Ratio Lower Upper
70 100
42 45.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#

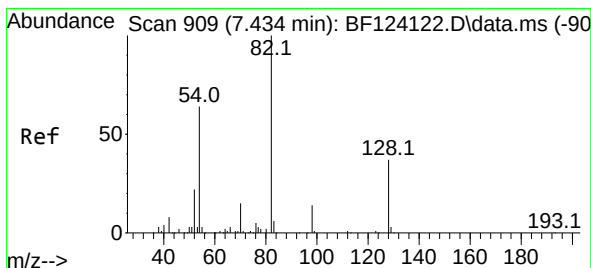
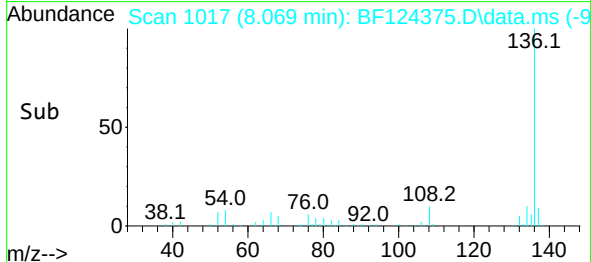
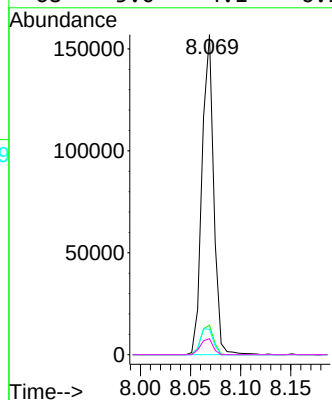
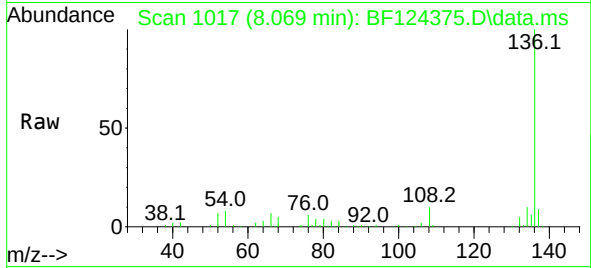




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

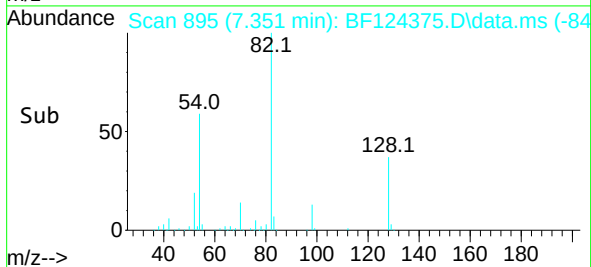
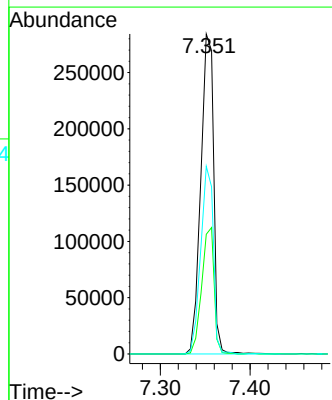
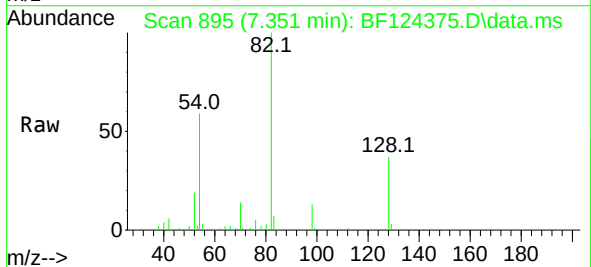
Instrument :
BNA_F
ClientSampleId :
17-B6(120-124)

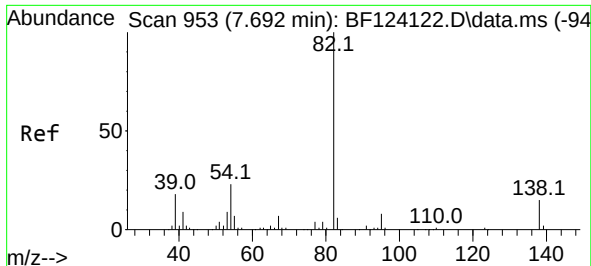
Tgt Ion:136	Resp:	127713
Ion Ratio	Lower	Upper
136	100	
137	9.2	8.7 13.1
54	8.0	9.8 14.6#
68	5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 87.949 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion: 82	Resp:	283205
Ion Ratio	Lower	Upper
82	100	
128	37.4	29.4 44.2
54	58.7	54.1 81.1

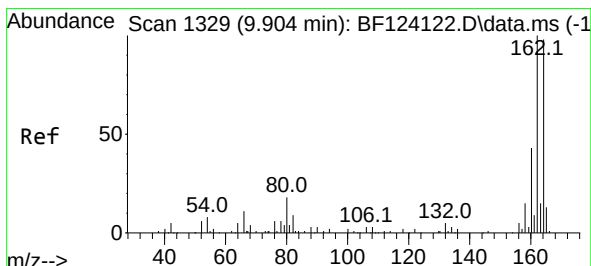
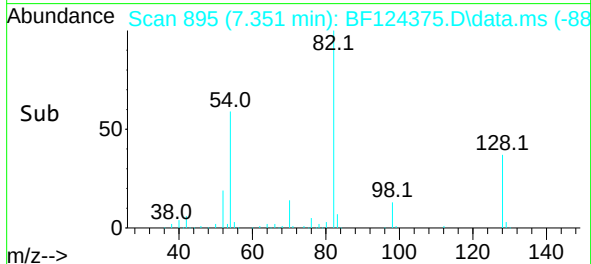
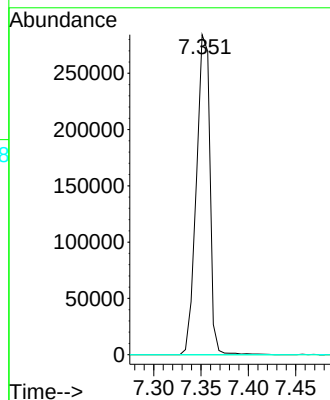
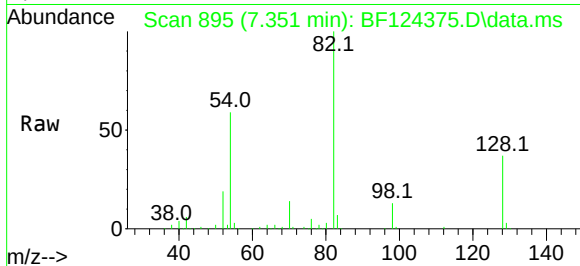




#25
Isophorone
Concen: 48.805 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

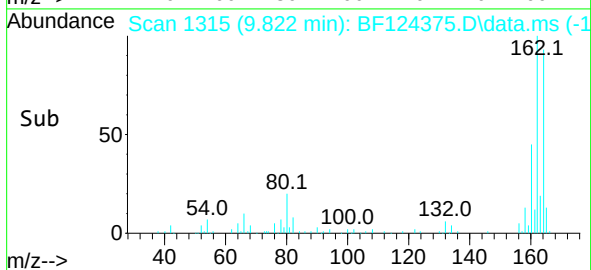
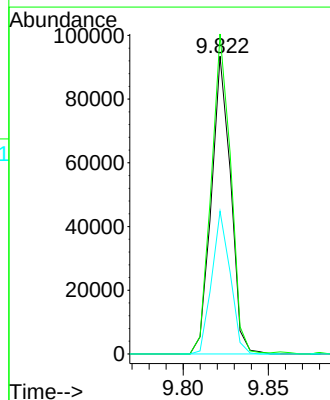
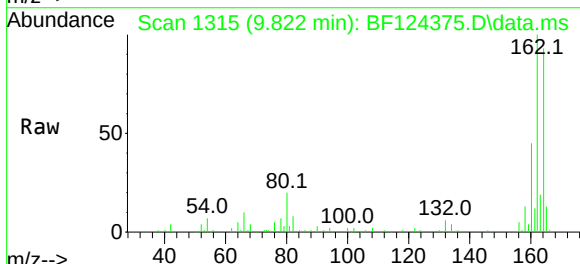
Instrument :
BNA_F
ClientSampleId :
17-B6(120-124)

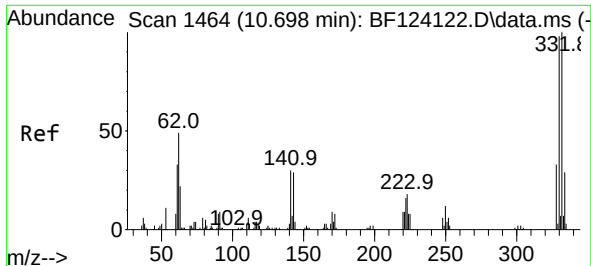
Tgt Ion: 82 Resp: 283200
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion:164 Resp: 73350
Ion Ratio Lower Upper
164 100
162 107.4 80.7 121.1
160 47.9 37.3 55.9

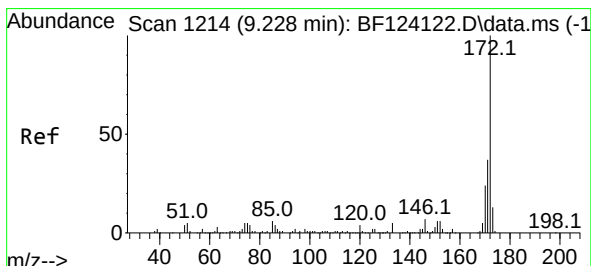
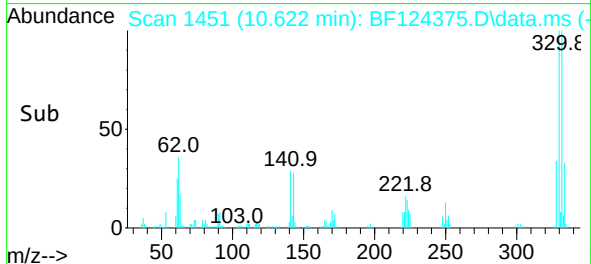
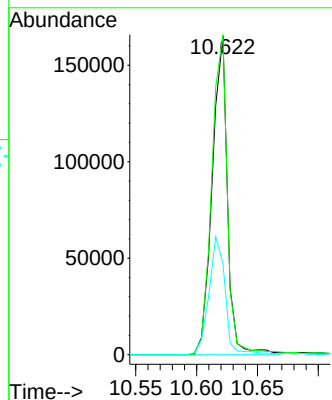
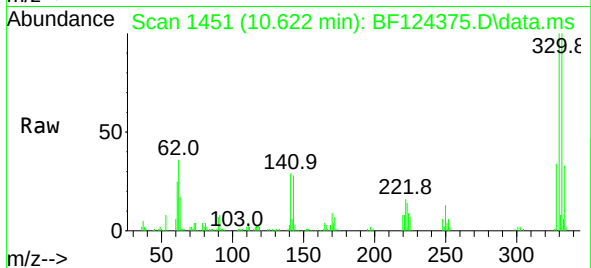




#42
2,4,6-Tribromophenol
Concen: 138.280 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

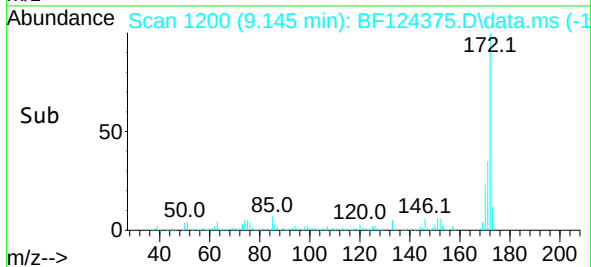
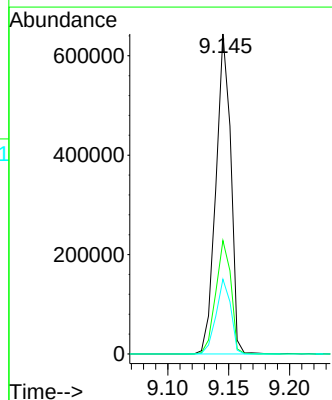
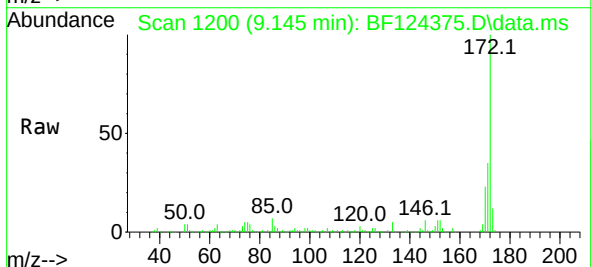
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ClientSampleId :
17-B6(120-124)

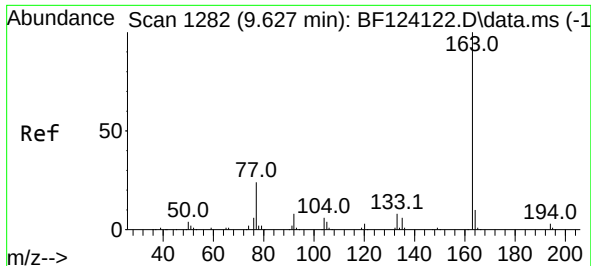
Tgt Ion:330 Resp: 143699
Ion Ratio Lower Upper
330 100
332 104.2 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.957 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion:172 Resp: 547676
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.3 19.2 28.8

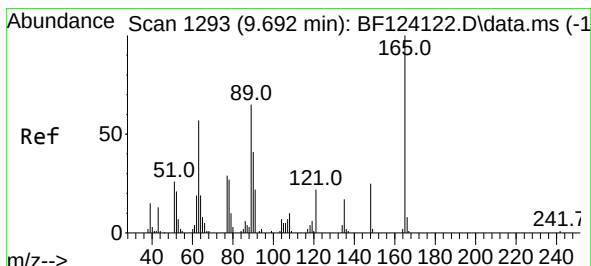
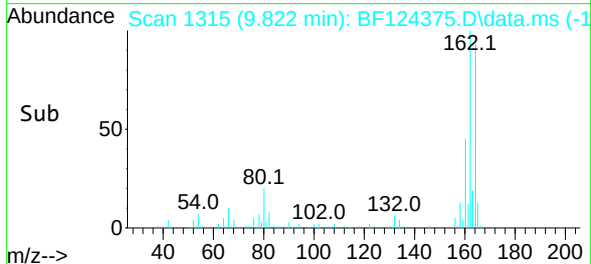
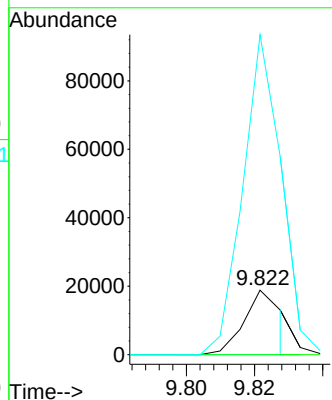
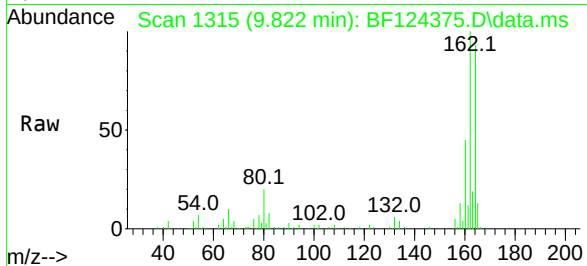




#50
Dimethylphthalate
Concen: 2.348 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

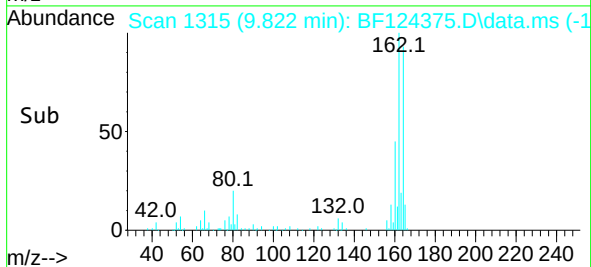
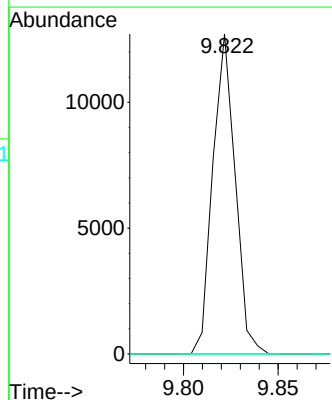
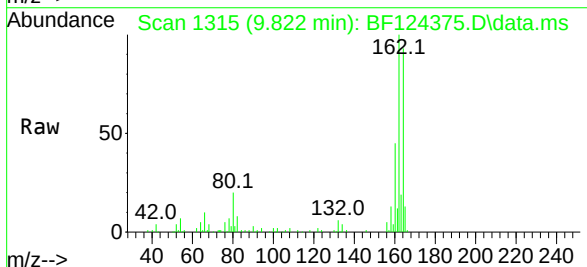
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17-B6(120-124)

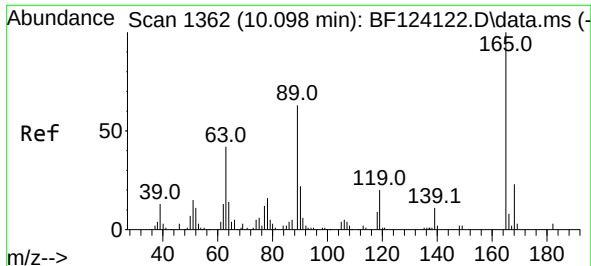
Tgt Ion:163 Resp: 14247
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 496.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.508 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

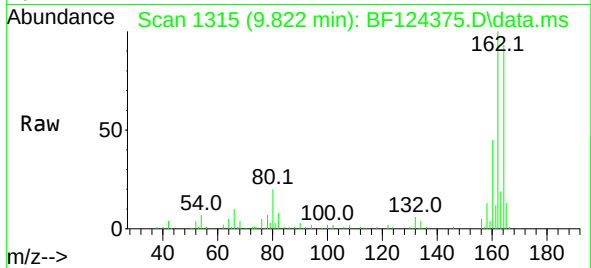
Tgt Ion:165 Resp: 10447
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



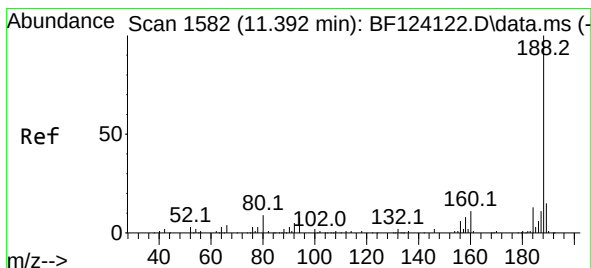
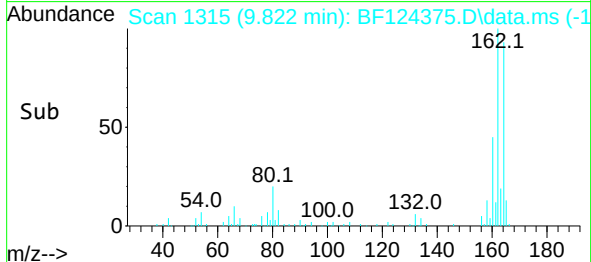
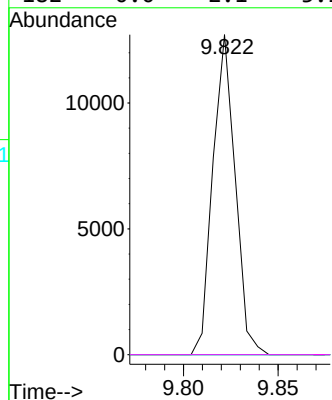


#57
2,4-Dinitrotoluene
Concen: 5.693 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Instrument :
BNA_F
ClientSampleId :
17-B6(120-124)

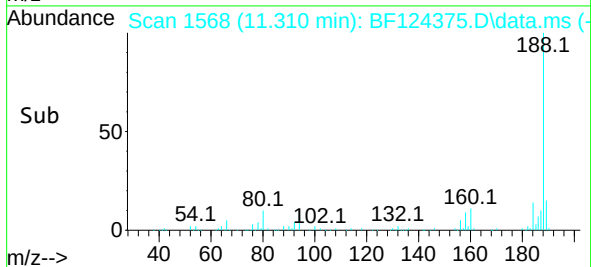
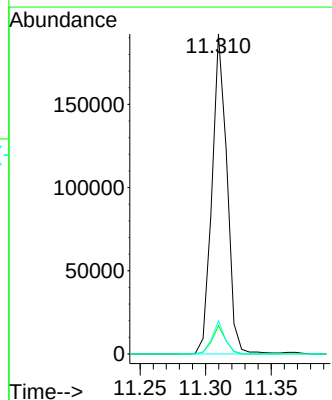
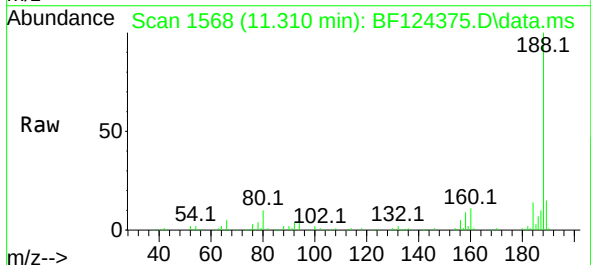


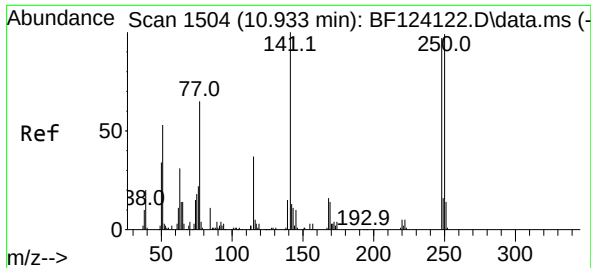
Tgt Ion:165 Resp: 10447
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion:188 Resp: 152737
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.4 8.2 12.2

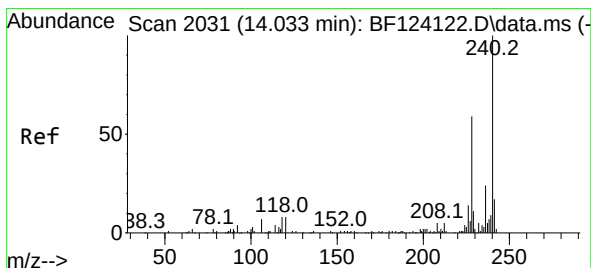
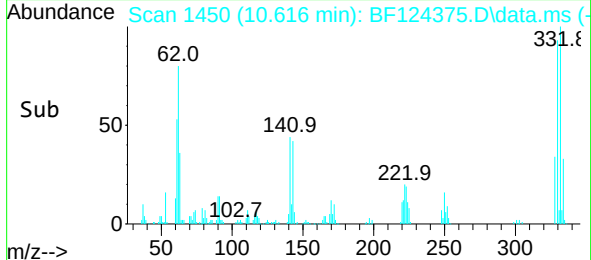
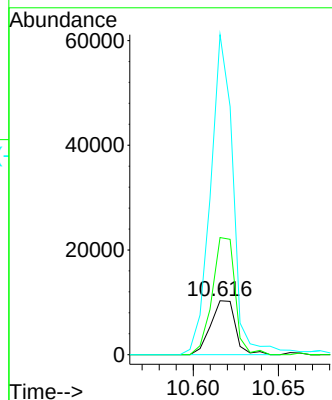
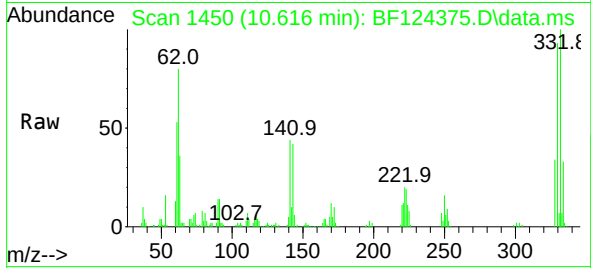




#67
4-Bromophenyl-phenylether
Concen: 4.964 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

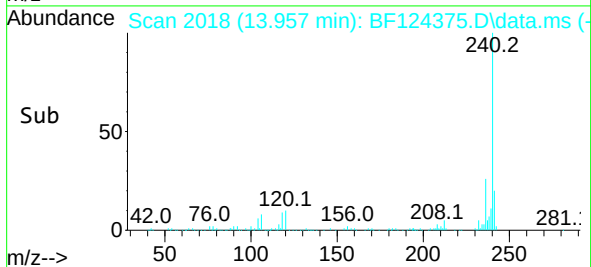
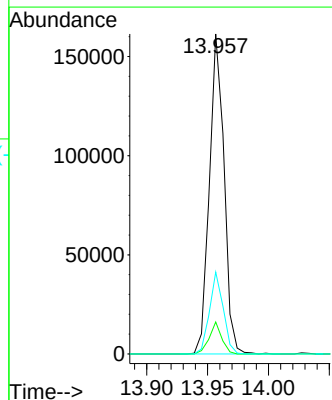
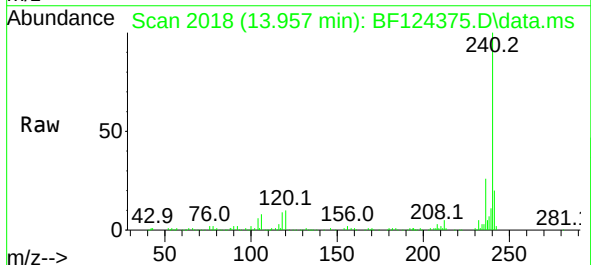
Instrument :
BNA_F
ClientSampled :
17-B6(120-124)

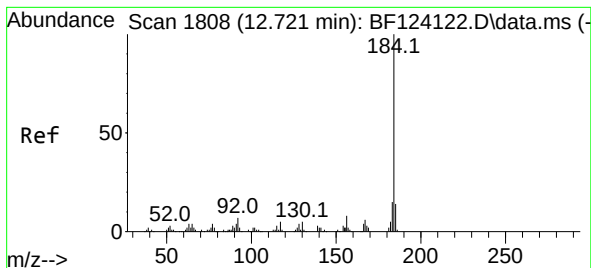
Tgt Ion:248 Resp: 10406
Ion Ratio Lower Upper
248 100
250 217.0 77.4 116.2#
141 593.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124375.D
Acq: 18 Jun 2021 15:46

Tgt Ion:240 Resp: 135449
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 25.6 19.0 28.4





#77

Benzidine

Concen: 12.619 ng

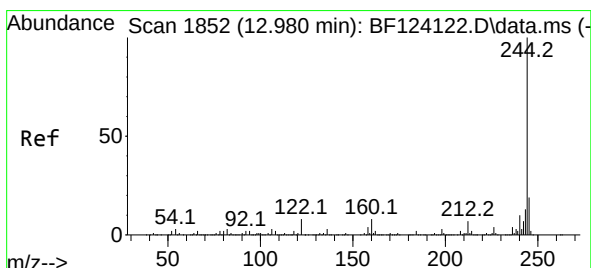
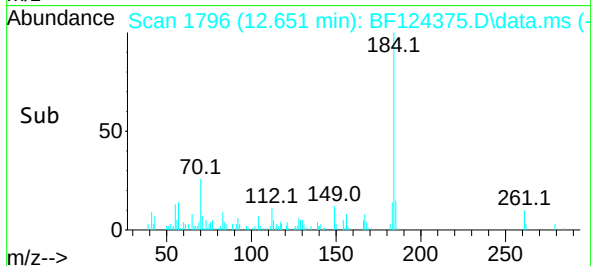
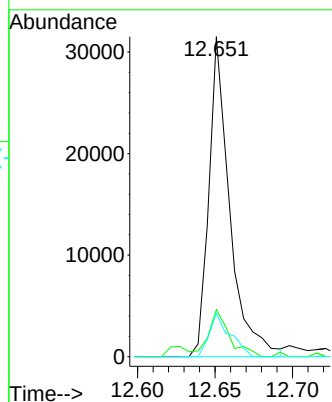
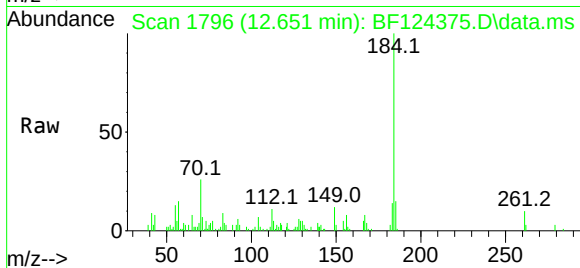
RT: 12.651 min Scan# 1796

Delta R.T. -0.047 min

Lab File: BF124375.D

Acq: 18 Jun 2021 15:46

Tgt Ion:184	Resp:	29514
Ion Ratio	Lower	Upper
184	100	
185	14.7	12.1 18.1
183	13.6	7.8 11.8#



#79

Terphenyl-d14

Concen: 74.874 ng

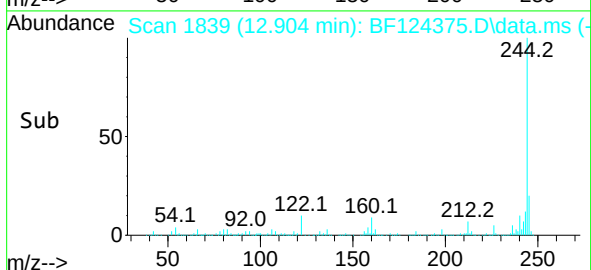
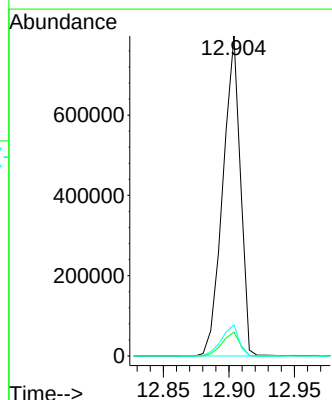
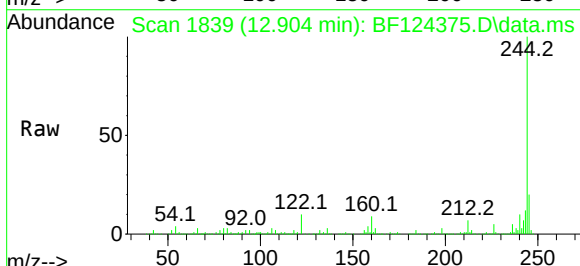
RT: 12.904 min Scan# 1839

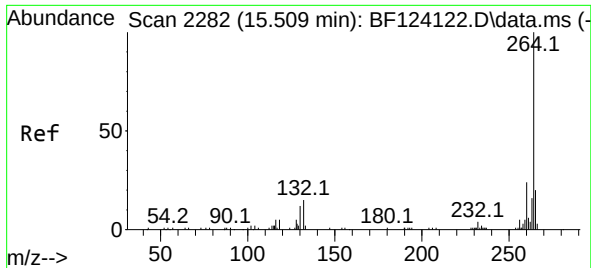
Delta R.T. 0.000 min

Lab File: BF124375.D

Acq: 18 Jun 2021 15:46

Tgt Ion:244	Resp:	738666
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.7 8.5
122	9.7	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: BF124375.D
 Acq: 18 Jun 2021 15:46

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(120-124)

Tgt Ion:264 Resp: 103292
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.3 17.8 26.8

