

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124180.D
 Acq On : 8 Jun 2021 15:00
 Operator : JU/CG
 Sample : M2613-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(98-102)

Quant Time: Jun 08 15:33:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

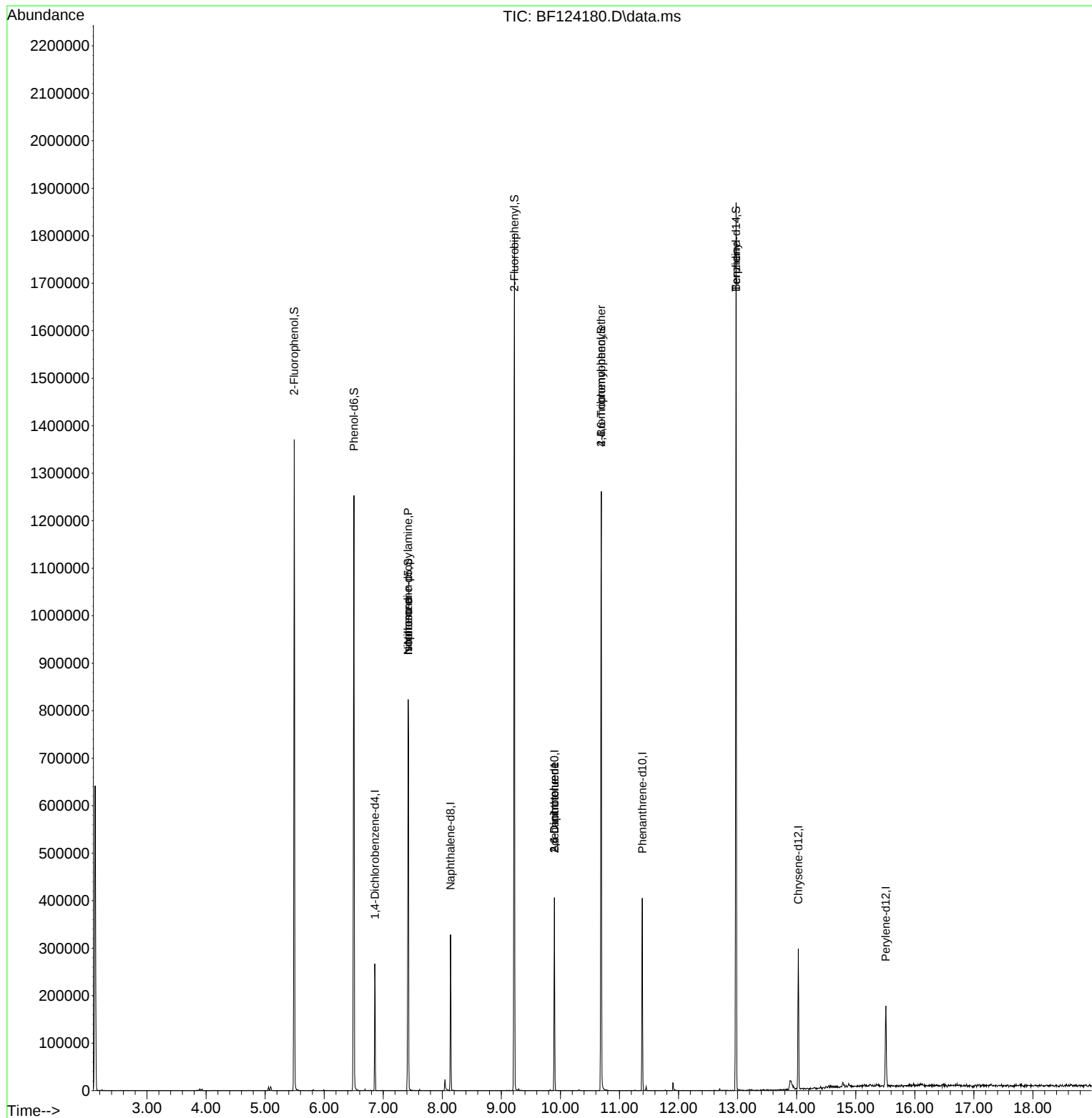
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	32173	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	117806	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	71300	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	129368	20.000	ng	0.00
76) Chrysene-d12	14.027	240	91738	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	71700	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	291180	136.240	ng	0.00
7) Phenol-d6	6.504	99	358528	124.801	ng	0.00
23) Nitrobenzene-d5	7.422	82	277150	93.307	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	132942	131.606	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	491134	86.680	ng	0.00
79) Terphenyl-d14	12.974	244	508243	76.064	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	38385	18.928	ng	# 71
25) Isophorone	7.422	82	277146	51.779	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	9245	6.835	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	9245	5.183	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	9177	5.168	ng	# 1
77) Benzidine	12.974	184	9299	8.042	ng	# 91

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

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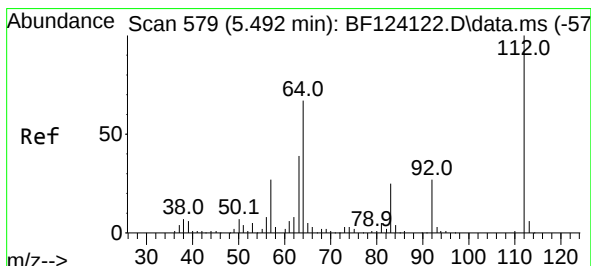
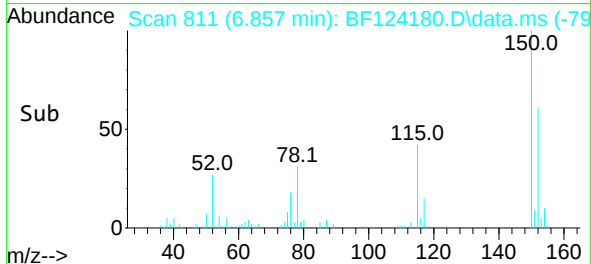
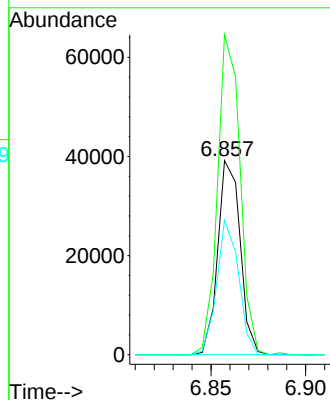
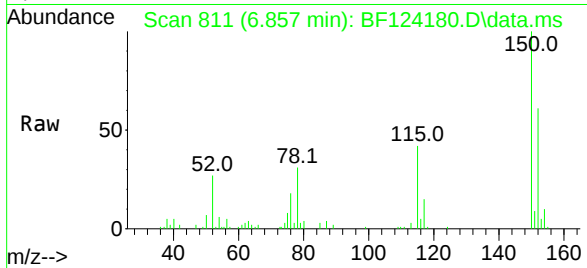




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

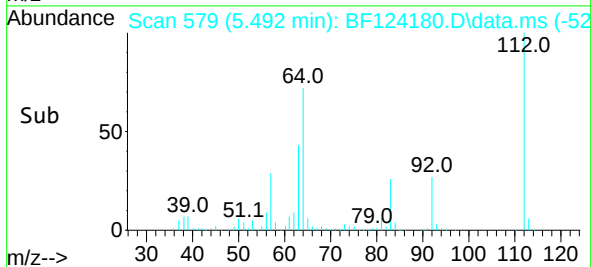
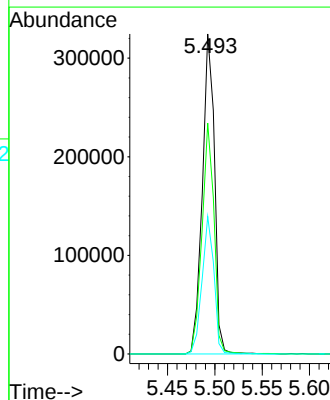
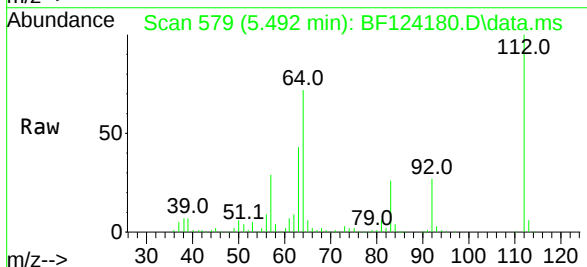
Instrument :
BNA_F
ClientSampleId :
18-B12(98-102)

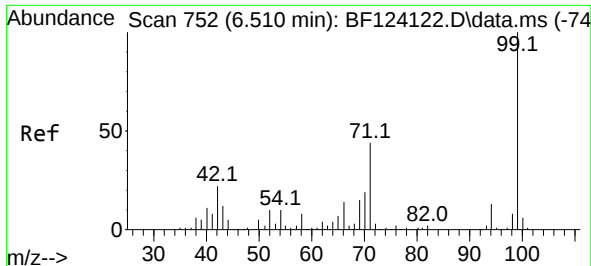
Tgt Ion:152 Resp: 32173
Ion Ratio Lower Upper
152 100
150 164.8 127.0 190.6
115 69.2 54.3 81.5



#5
2-Fluorophenol
Concen: 136.240 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:112 Resp: 291180
Ion Ratio Lower Upper
112 100
64 72.1 61.4 92.0
63 42.9 33.0 49.4

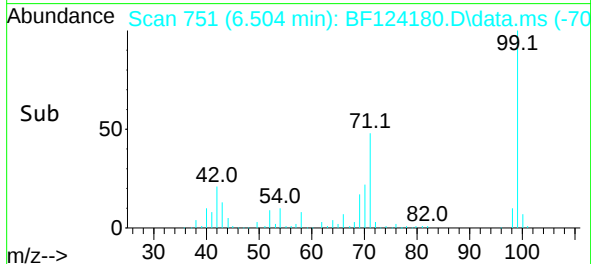
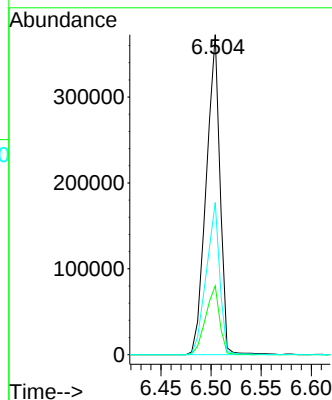
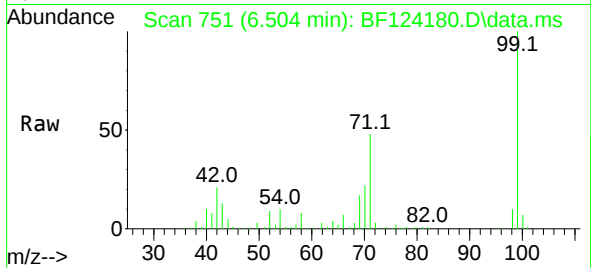




#7
Phenol-d6
Concen: 124.801 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

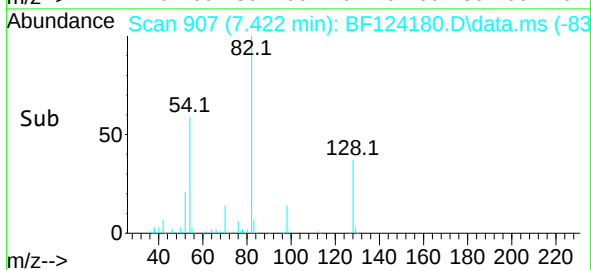
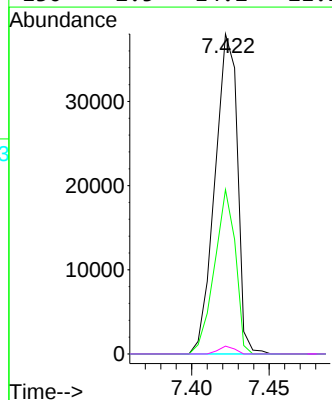
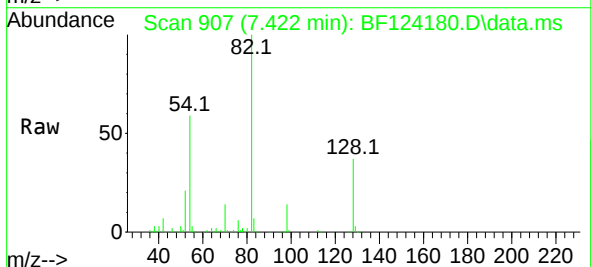
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BNA_F
ClientSampleId :
18-B12(98-102)

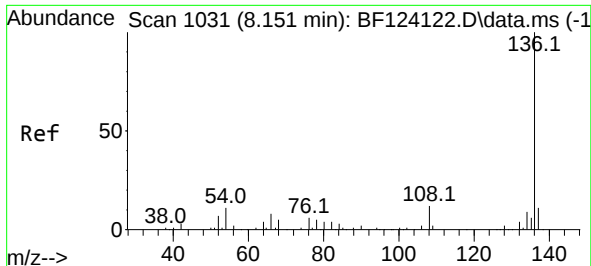
Tgt Ion: 99 Resp: 358528
Ion Ratio Lower Upper
99 100
42 21.5 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.928 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

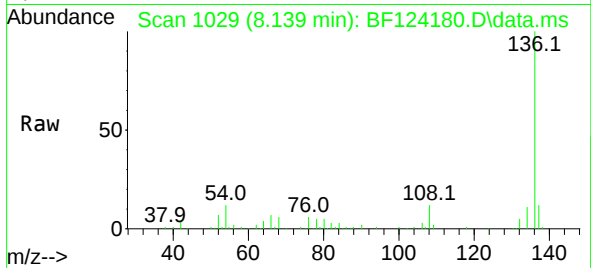
Tgt Ion: 70 Resp: 38385
Ion Ratio Lower Upper
70 100
42 51.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#



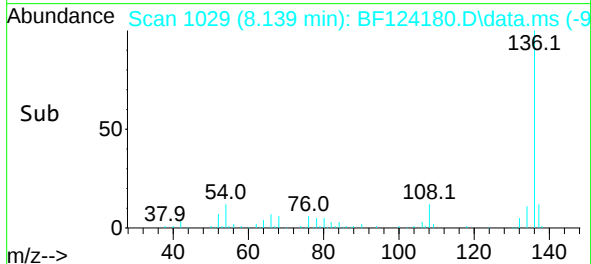
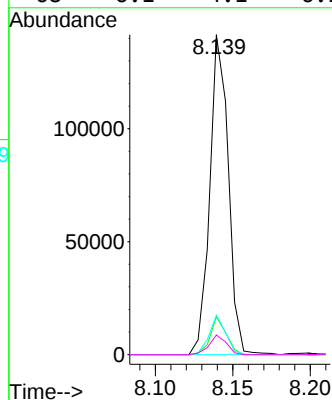


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Instrument :
BNA_F
ClientSampleId :
18-B12(98-102)

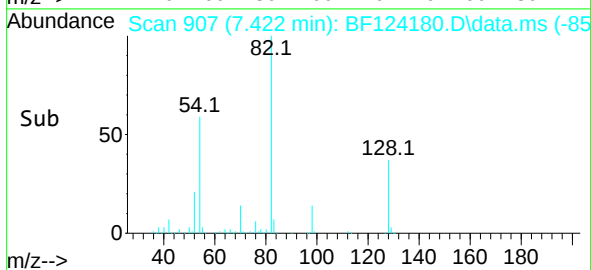
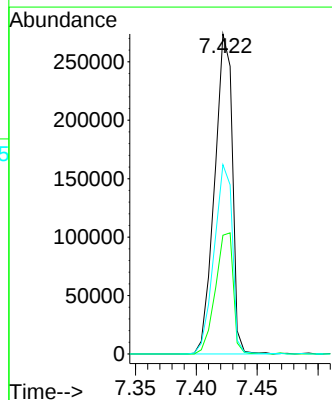
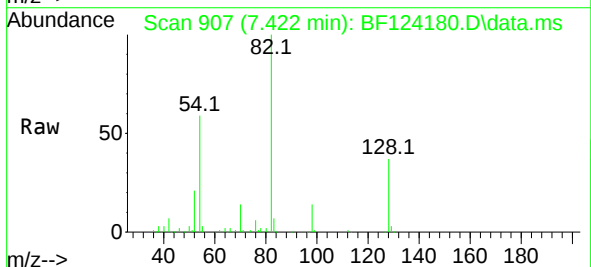


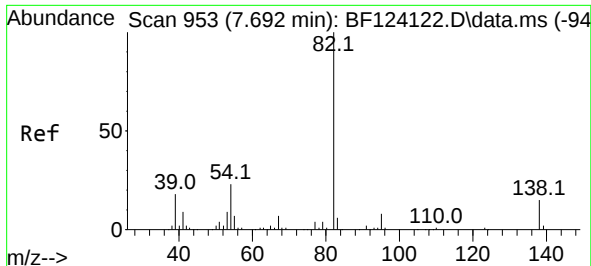
Tgt Ion:136 Resp: 117806
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 12.4 9.8 14.6
68 6.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 93.307 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion: 82 Resp: 277150
Ion Ratio Lower Upper
82 100
128 37.1 29.4 44.2
54 59.1 54.1 81.1

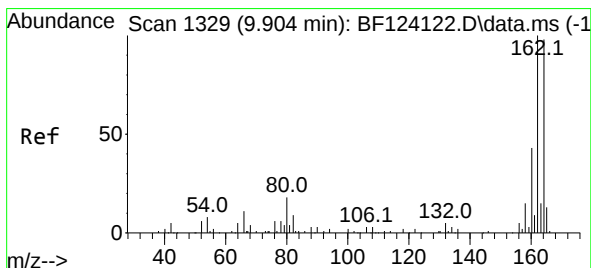
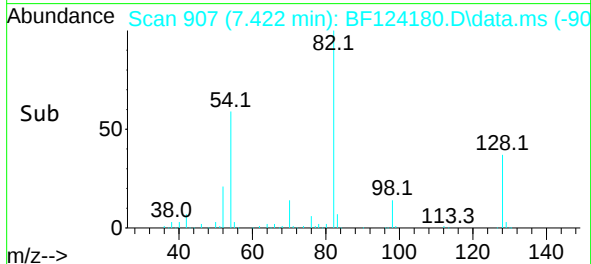
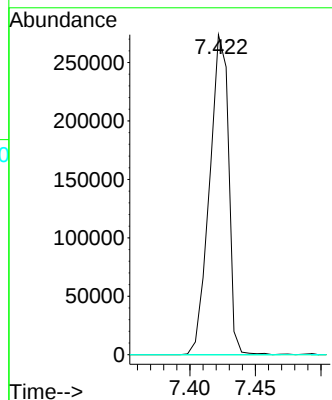
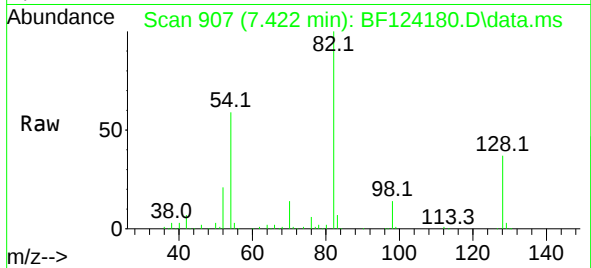




#25
Isophorone
Concen: 51.779 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

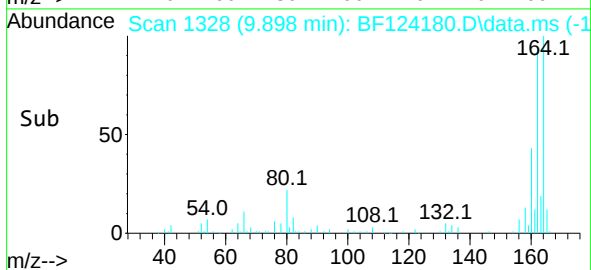
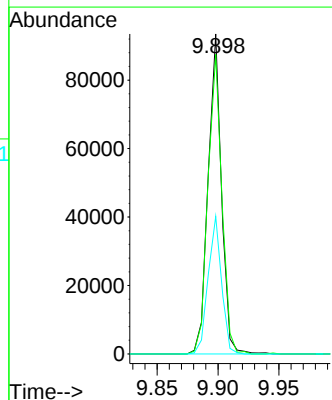
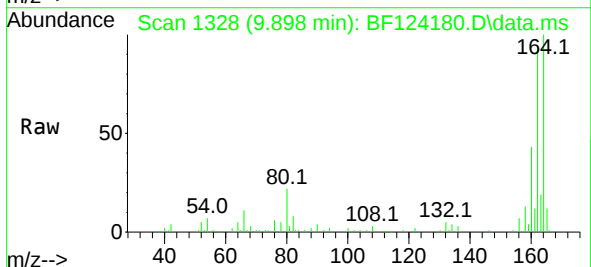
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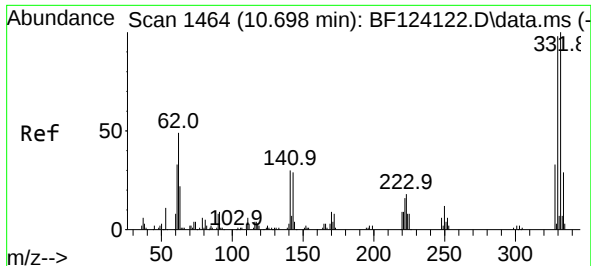
Tgt Ion: 82 Resp: 277146
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:164 Resp: 71300
Ion Ratio Lower Upper
164 100
162 93.6 80.7 121.1
160 43.0 37.3 55.9

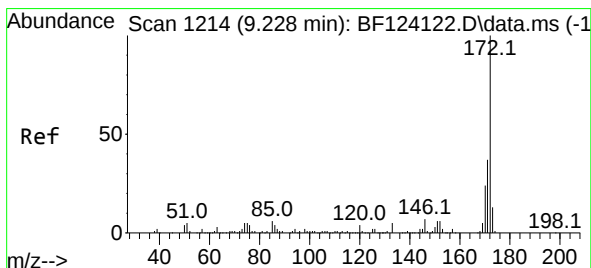
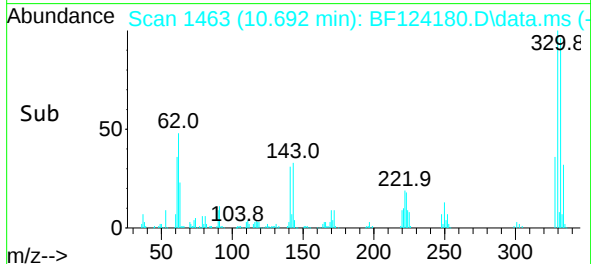
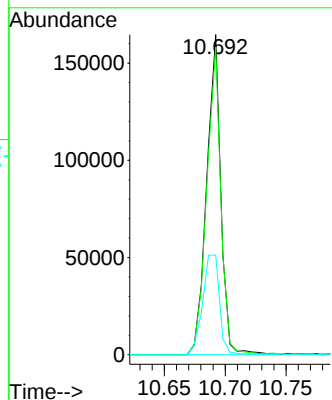
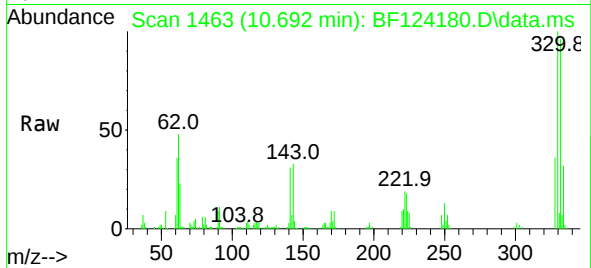




#42
2,4,6-Tribromophenol
Concen: 131.606 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

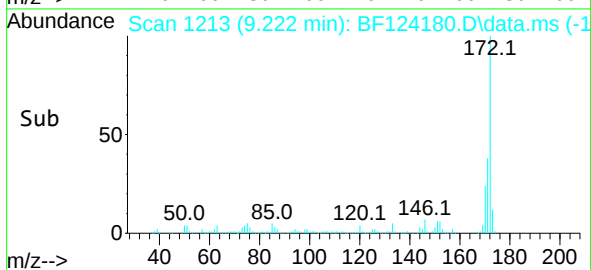
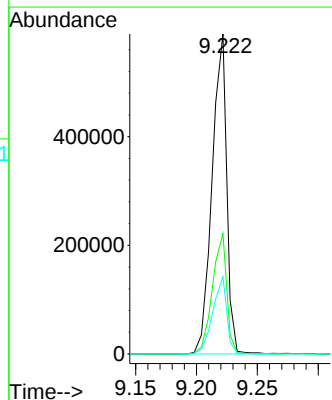
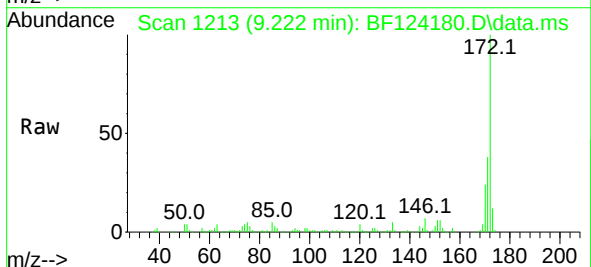
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ClientSampleId :
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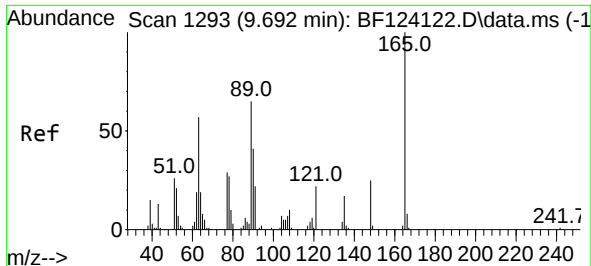
Tgt Ion:330 Resp: 132942
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 86.680 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:172 Resp: 491134
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 24.2 19.2 28.8

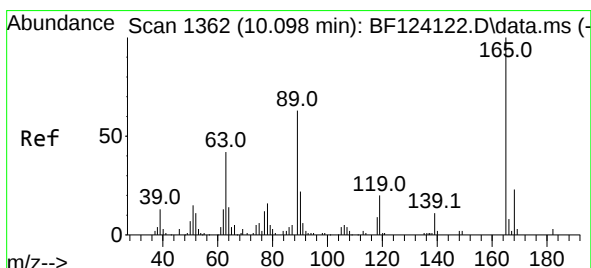
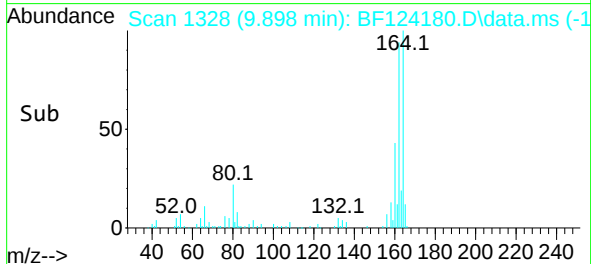
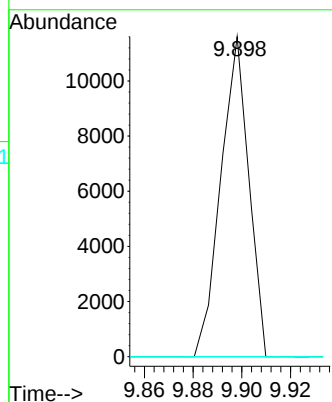
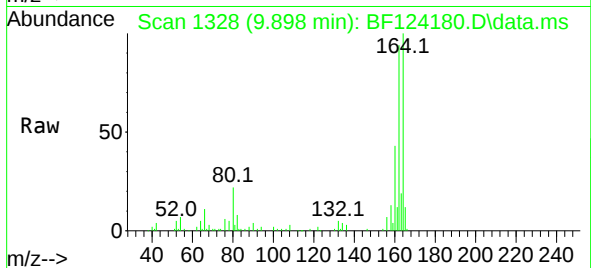




#51
2,6-Dinitrotoluene
Concen: 6.835 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

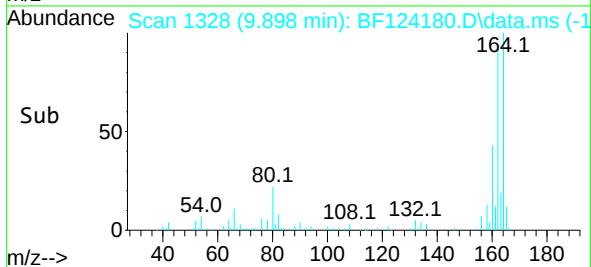
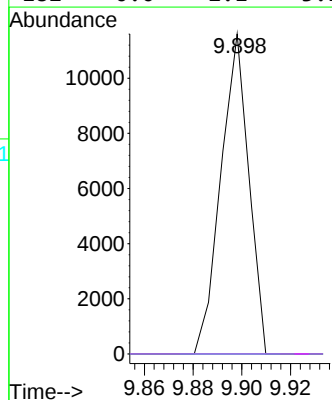
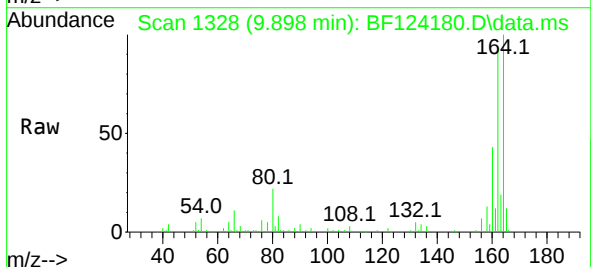
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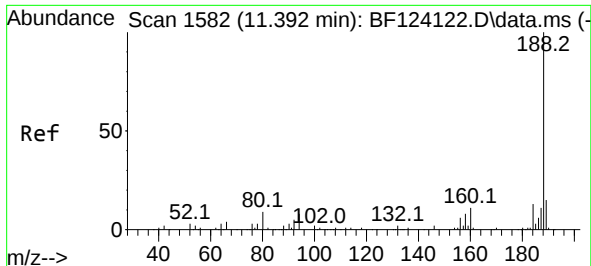
Tgt Ion:165 Resp: 9245
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.183 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:165 Resp: 9245
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#

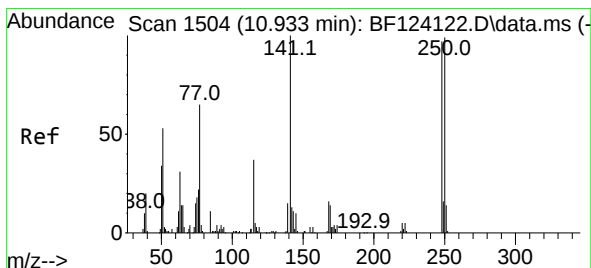
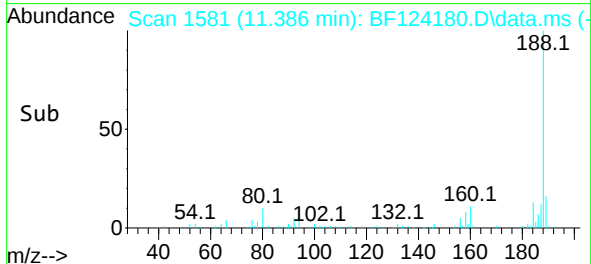
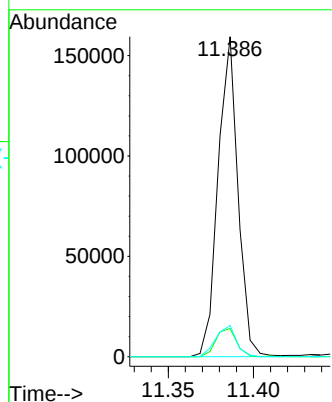
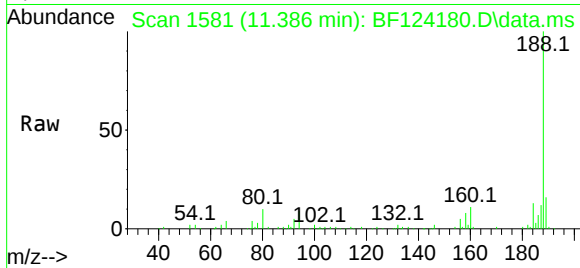




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

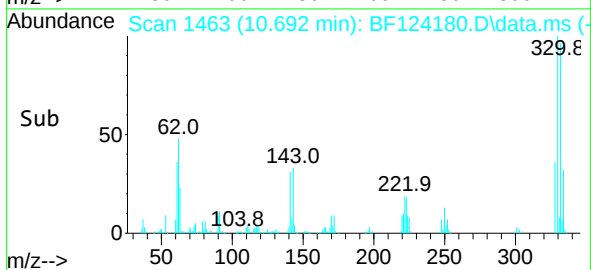
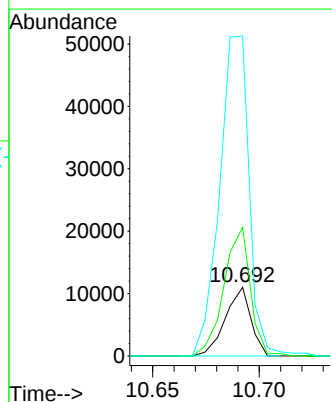
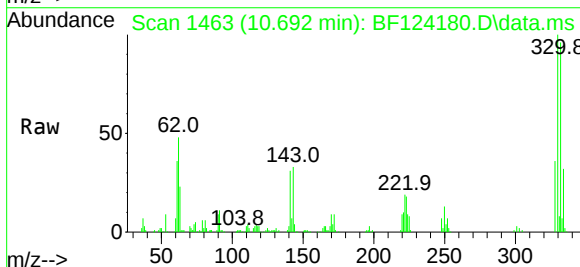
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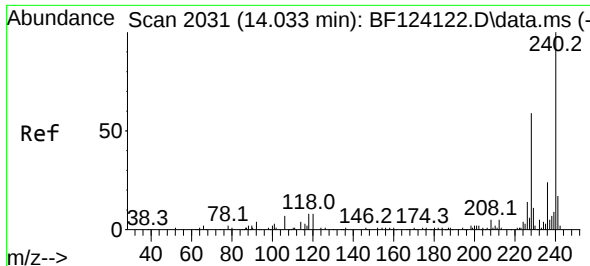
Tgt Ion:188 Resp: 129368
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:248 Resp: 9177
Ion Ratio Lower Upper
248 100
250 187.4 77.4 116.2#
141 466.0 63.7 95.5#

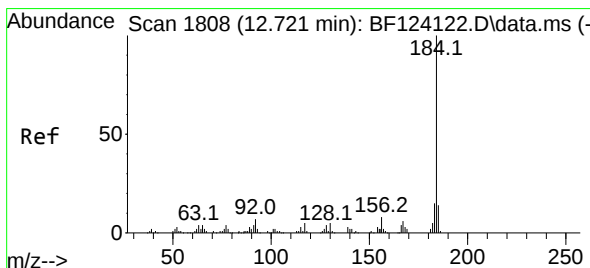
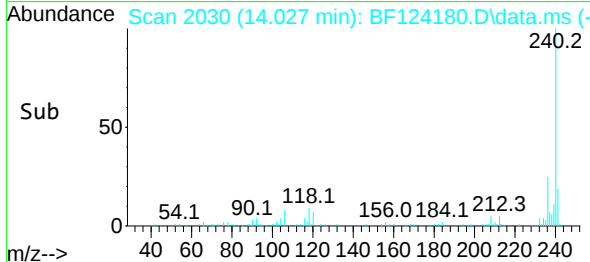
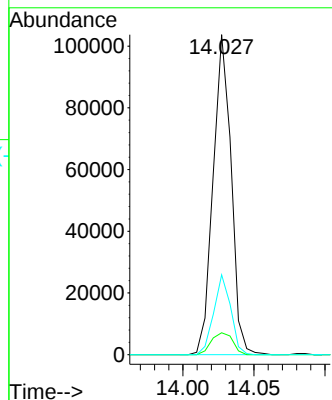
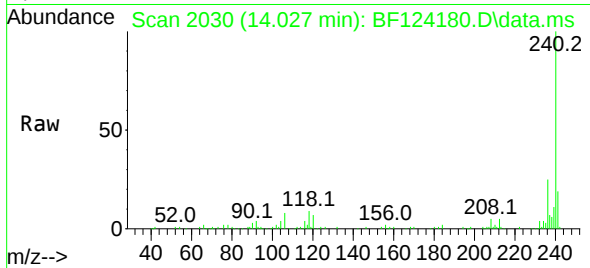




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

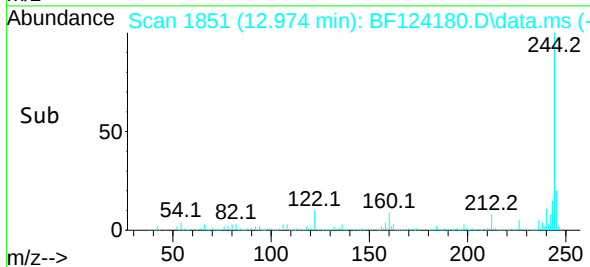
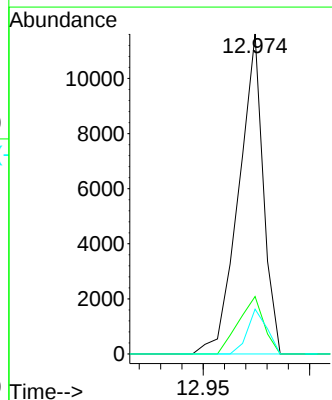
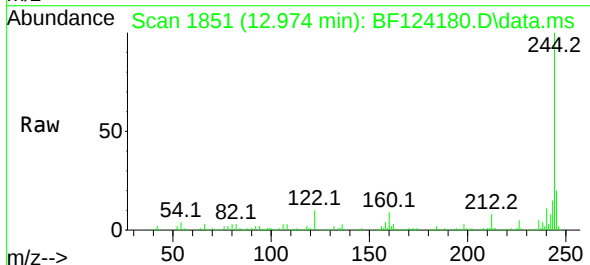
Instrument :
BNA_F
ClientSampleId :
18-B12(98-102)

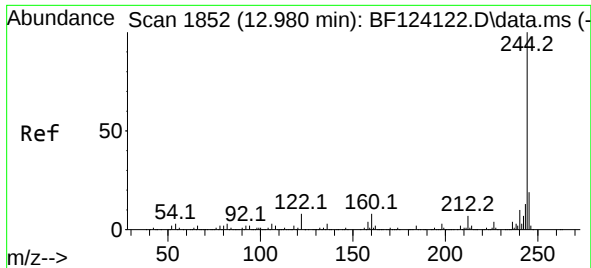
Tgt Ion:240 Resp: 91738
Ion Ratio Lower Upper
240 100
120 6.9 7.2 10.8#
236 24.9 19.0 28.4



#77
Benzidine
Concen: 8.042 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124180.D
Acq: 8 Jun 2021 15:00

Tgt Ion:184 Resp: 9299
Ion Ratio Lower Upper
184 100
185 18.0 12.1 18.1
183 14.0 7.8 11.8#

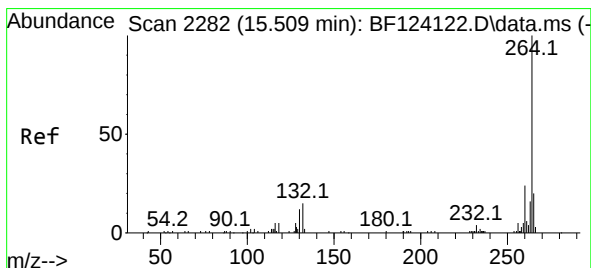
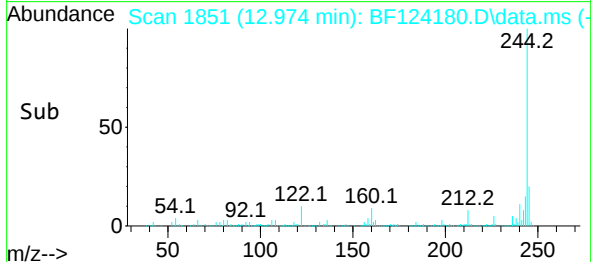
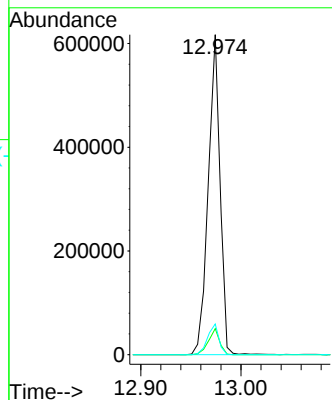
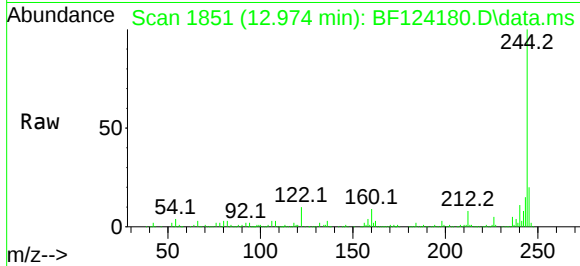




#79
 Terphenyl-d14
 Concen: 76.064 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124180.D
 Acq: 8 Jun 2021 15:00

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(98-102)

Tgt Ion:244 Resp: 508243
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 9.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: BF124180.D
 Acq: 8 Jun 2021 15:00

Tgt Ion:264 Resp: 71700
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 17.7 17.8 26.8#

