

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124179.D
 Acq On : 8 Jun 2021 14:25
 Operator : JU/CG
 Sample : M2613-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(94-98)

Quant Time: Jun 08 14:46:53 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)

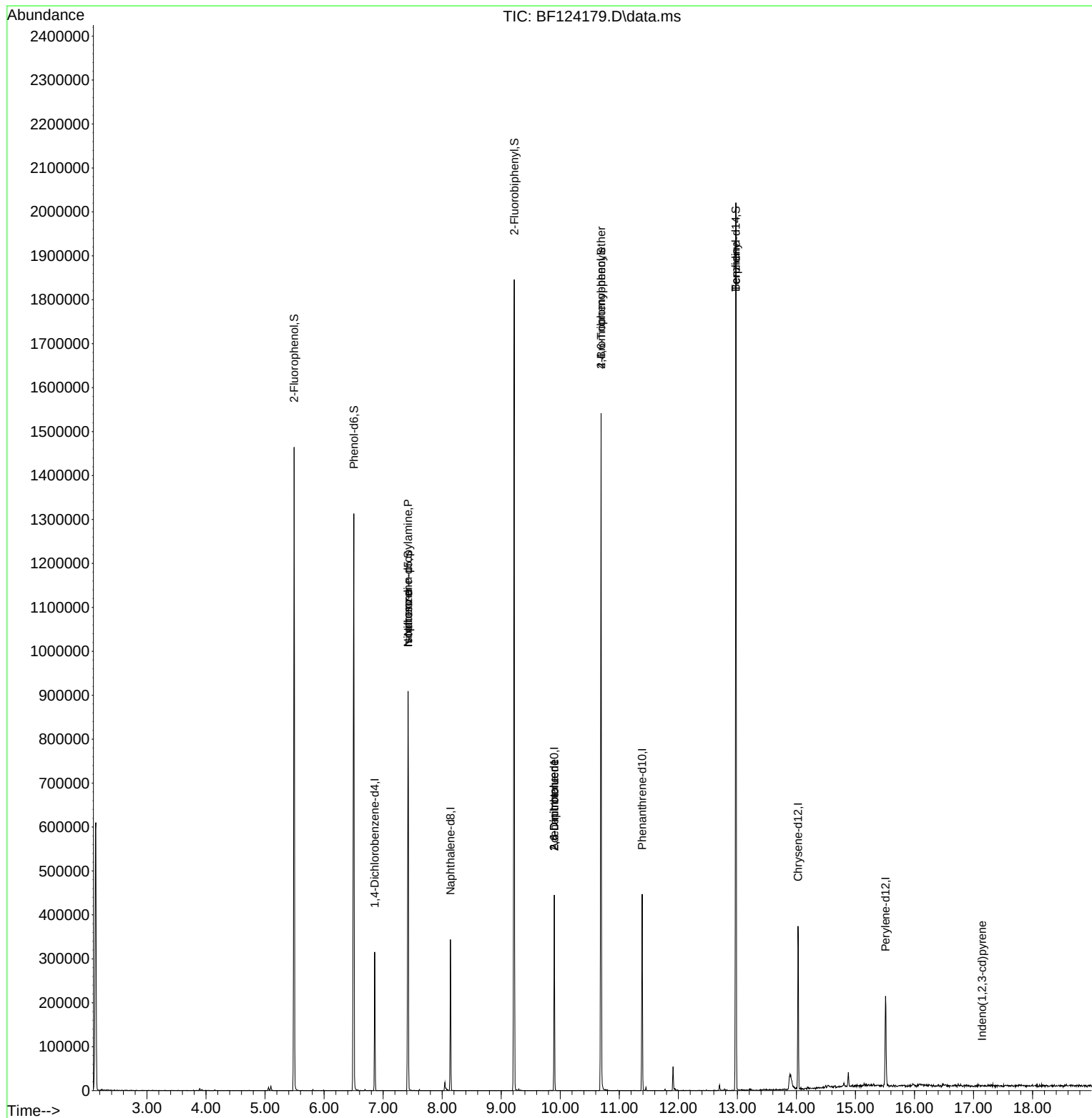
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	35651	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	125951	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	74604	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	143994	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119150	20.000	ng	0.00
86) Perylene-d12	15.509	264	86578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	312985	132.156	ng	0.00
7) Phenol-d6	6.504	99	388563	122.061	ng	0.00
23) Nitrobenzene-d5	7.422	82	301805	95.037	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	152264	144.059	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	494400	83.392	ng	0.00
79) Terphenyl-d14	12.974	244	594445	68.497	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	44018	19.588	ng	# 65
25) Isophorone	7.422	82	301802	52.739	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	10251	7.243	ng	# 14
57) 2,4-Dinitrotoluene	9.898	165	10251	5.492	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	10337	5.230	ng	# 1
77) Benzidine	12.974	184	10960	7.674	ng	95
87) Indeno(1,2,3-cd)pyrene	17.145	276	112	4.349	ng	# 53

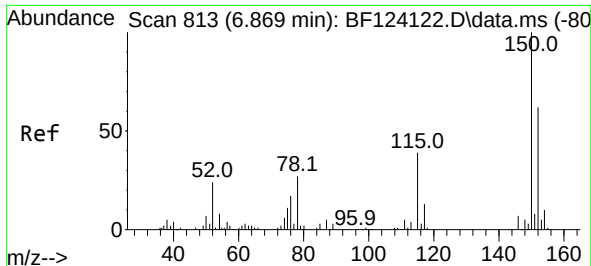
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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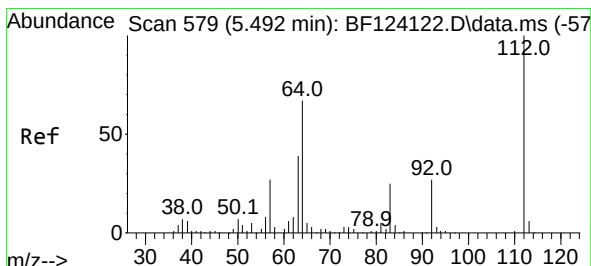
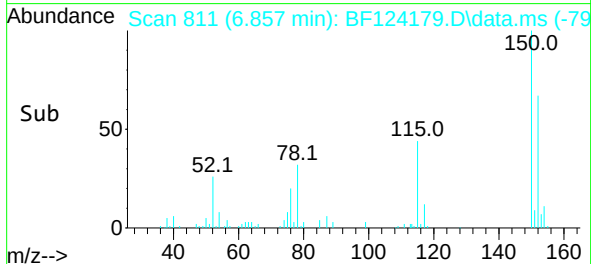
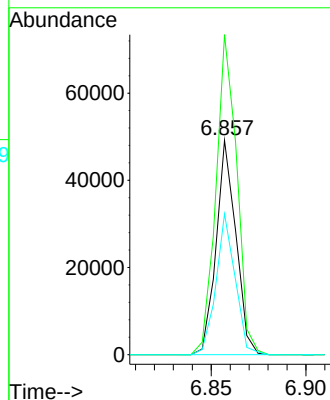
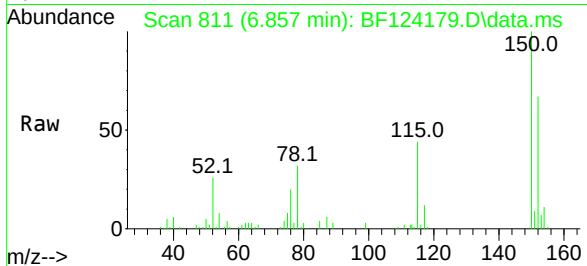




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

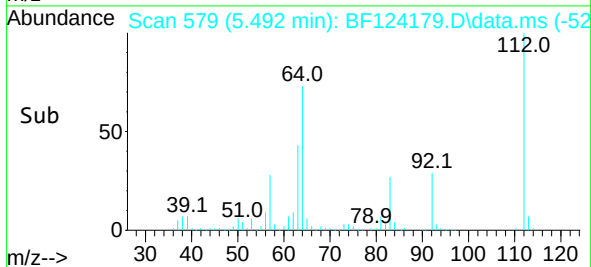
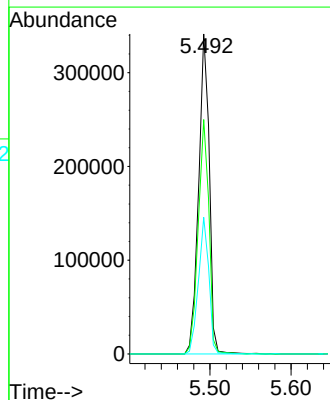
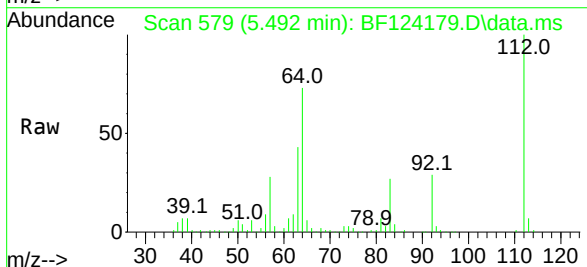
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

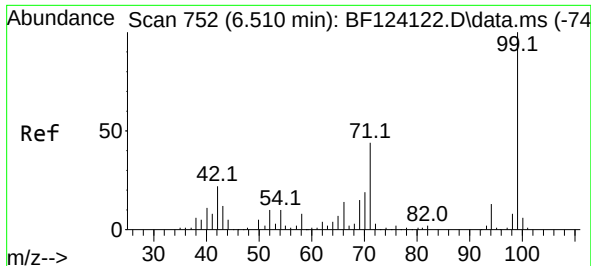
Tgt Ion:152 Resp: 35651
Ion Ratio Lower Upper
152 100
150 149.2 127.0 190.6
115 65.7 54.3 81.5



#5
2-Fluorophenol
Concen: 132.156 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion:112 Resp: 312985
Ion Ratio Lower Upper
112 100
64 73.2 61.4 92.0
63 42.7 33.0 49.4

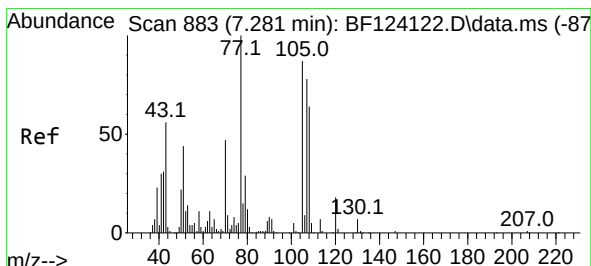
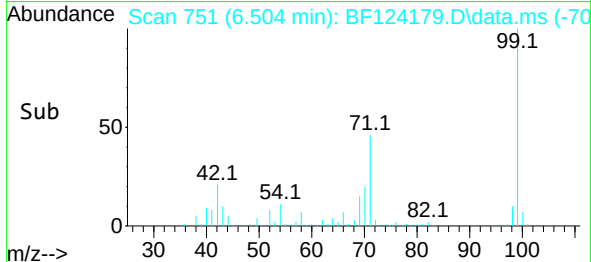
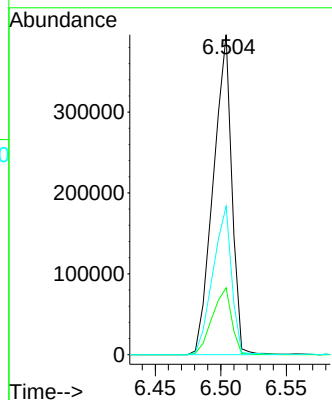
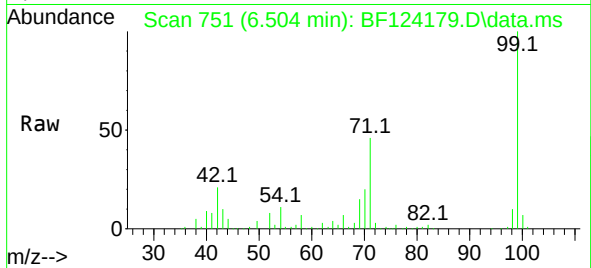




#7
Phenol-d6
Concen: 122.061 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

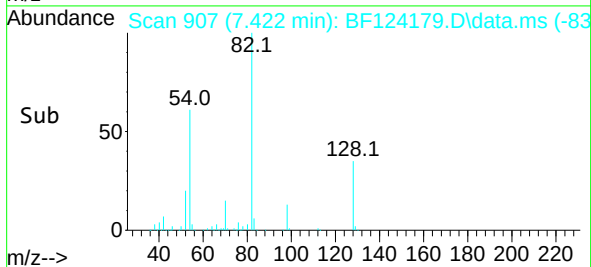
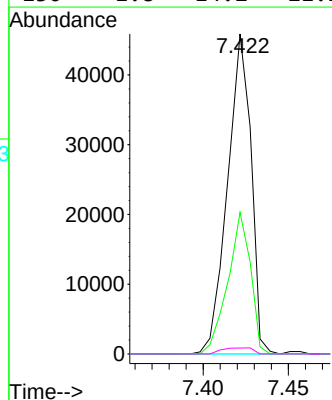
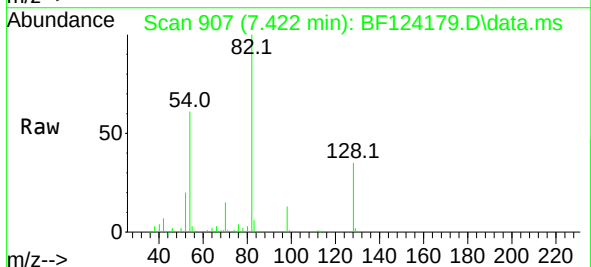
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

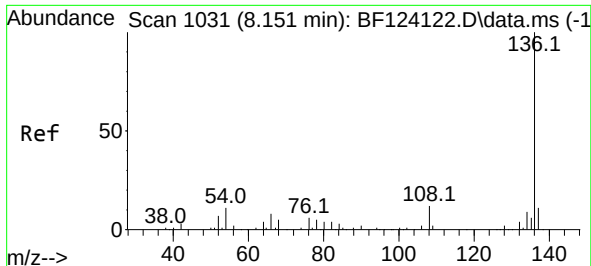
Tgt Ion: 99 Resp: 388563
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.588 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion: 70 Resp: 44018
Ion Ratio Lower Upper
70 100
42 44.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

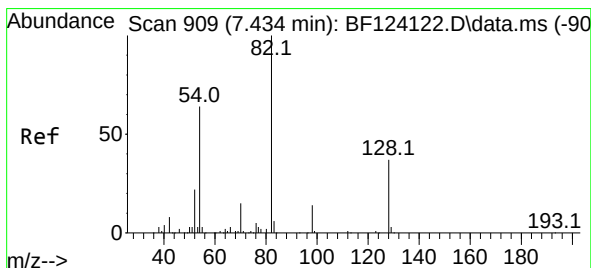
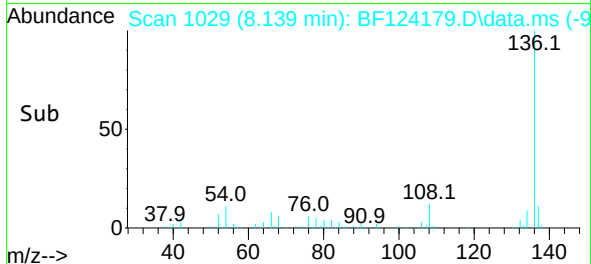
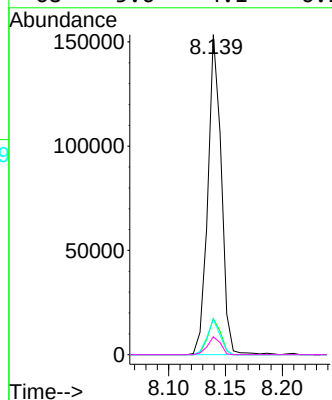
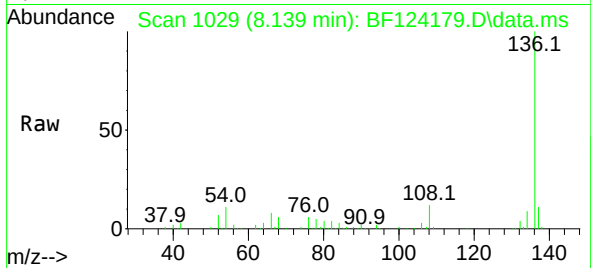




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

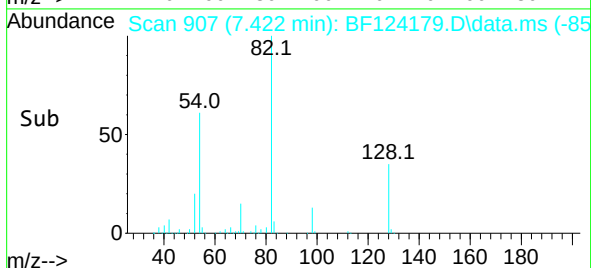
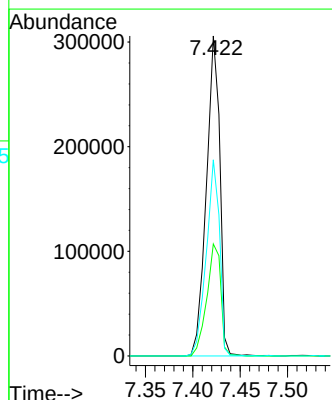
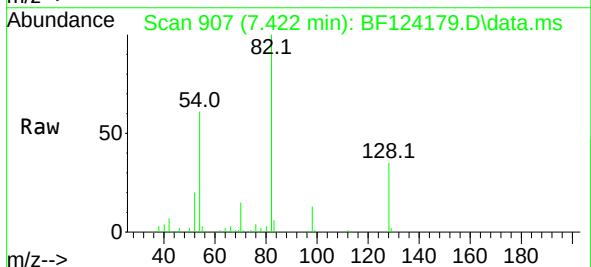
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

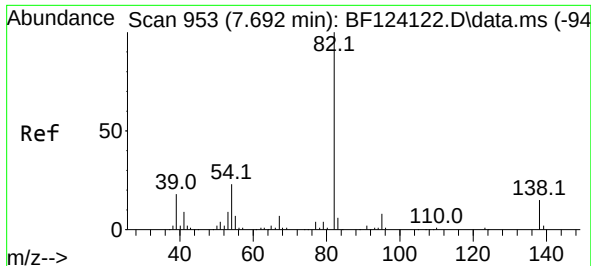
Tgt Ion:136	Resp: 125951
Ion Ratio	Lower Upper
136	100
137	11.3 8.7 13.1
54	11.2 9.8 14.6
68	5.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 95.037 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion: 82	Resp: 301805
Ion Ratio	Lower Upper
82	100
128	35.0 29.4 44.2
54	61.3 54.1 81.1

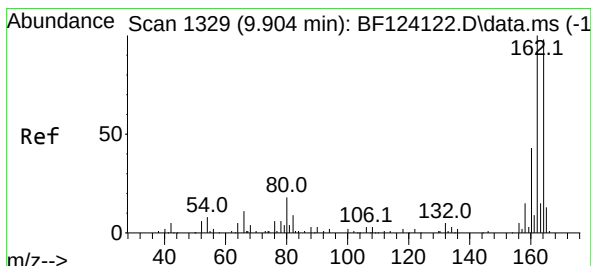
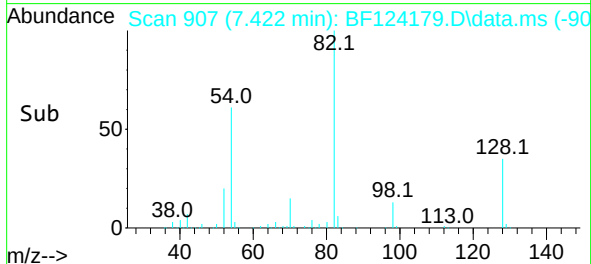
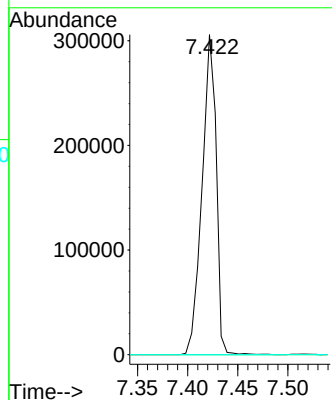
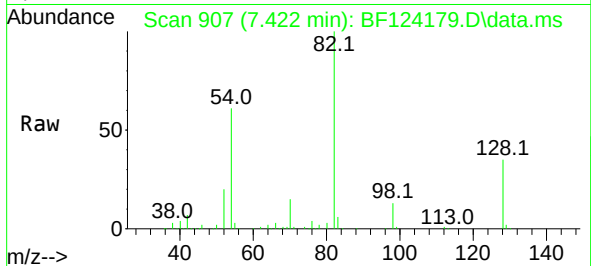




#25
Isophorone
Concen: 52.739 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

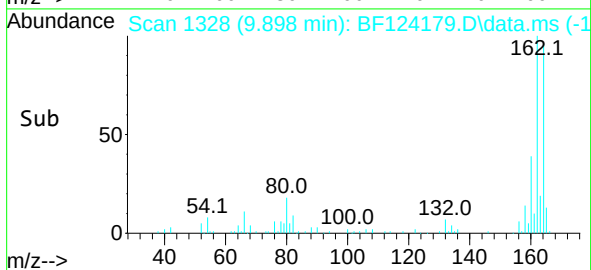
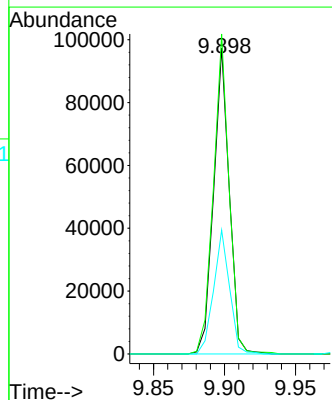
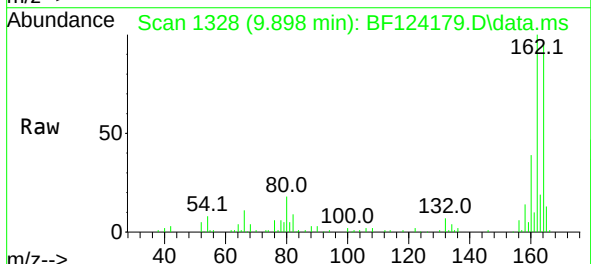
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

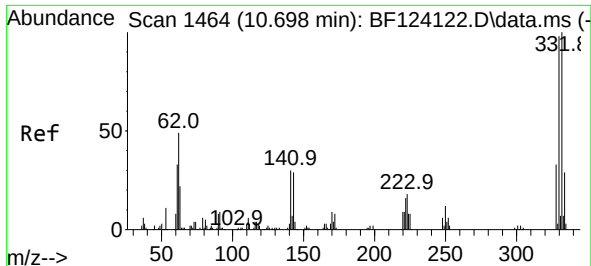
Tgt Ion: 82 Resp: 301802
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

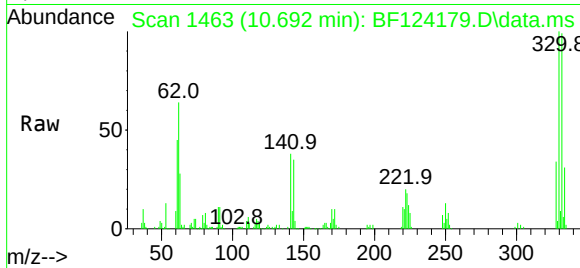
Tgt Ion:164 Resp: 74604
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 40.5 37.3 55.9



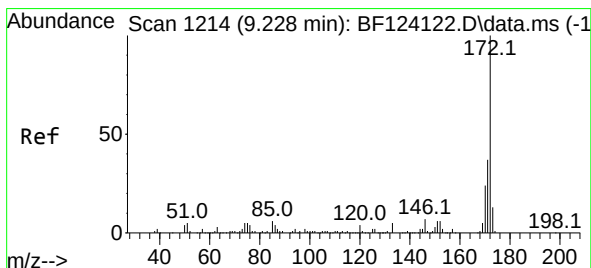
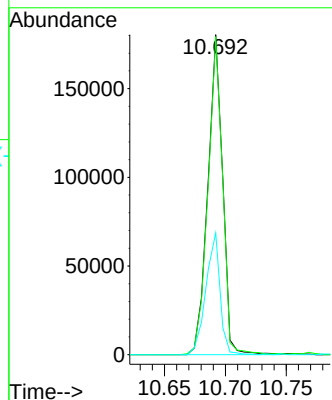
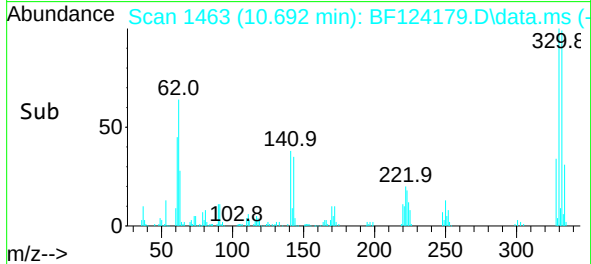


#42
2,4,6-Tribromophenol
Concen: 144.059 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

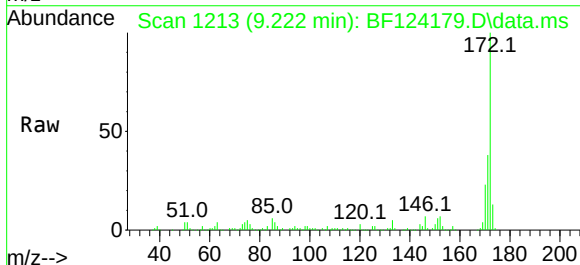
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)



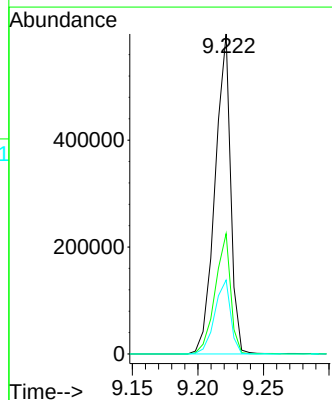
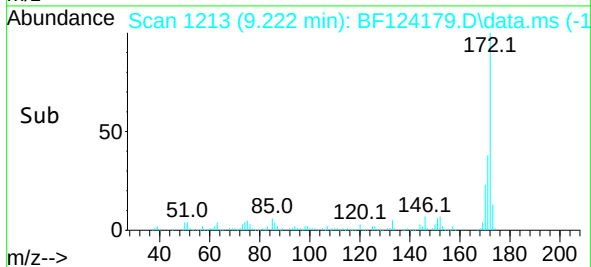
Tgt Ion: 330 Resp: 152264
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 36.6 27.9 41.9

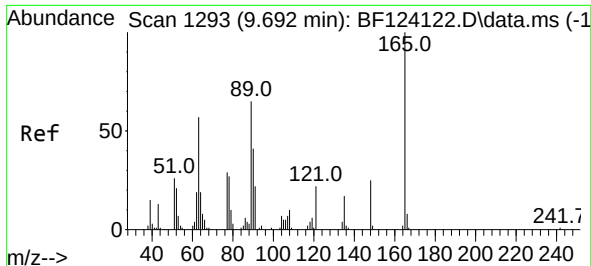


#45
2-Fluorobiphenyl
Concen: 83.392 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25



Tgt Ion: 172 Resp: 494400
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 23.1 19.2 28.8

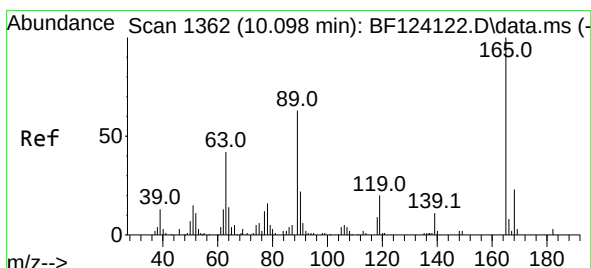
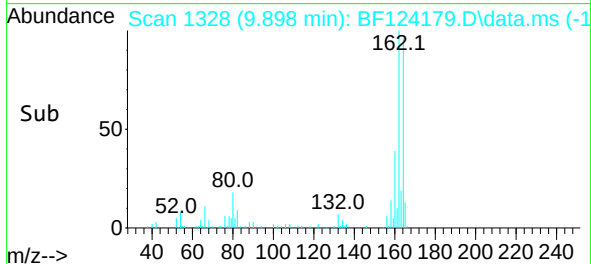
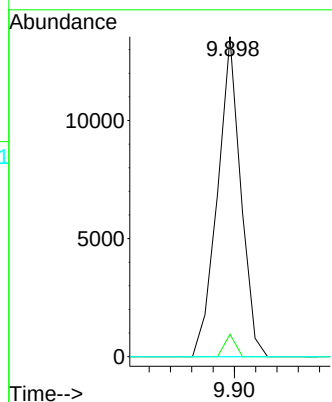
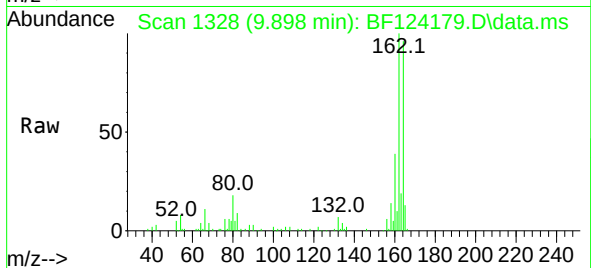




#51
2,6-Dinitrotoluene
Concen: 7.243 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

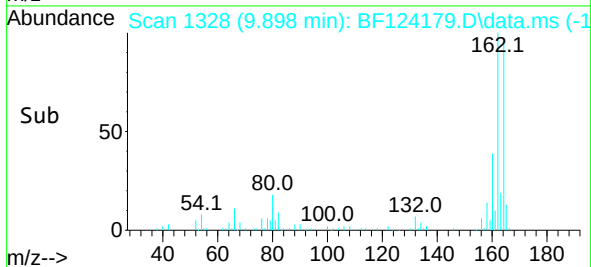
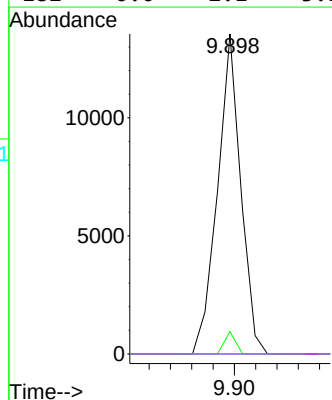
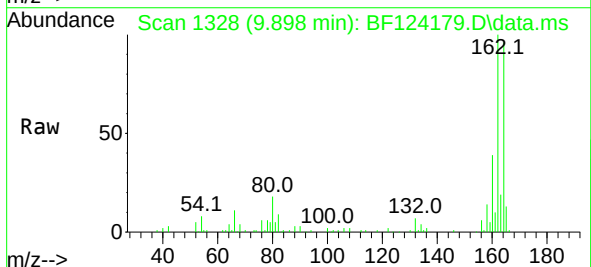
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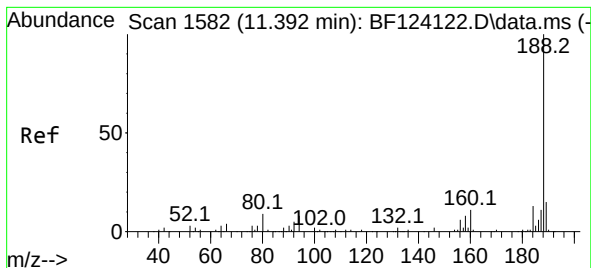
Tgt Ion:165 Resp: 10251
Ion Ratio Lower Upper
165 100
63 7.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion:165 Resp: 10251
Ion Ratio Lower Upper
165 100
63 7.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

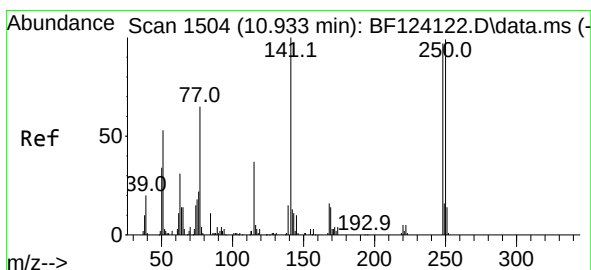
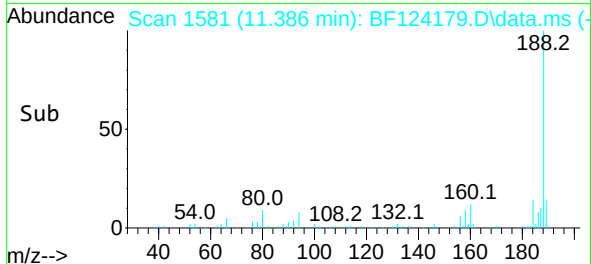
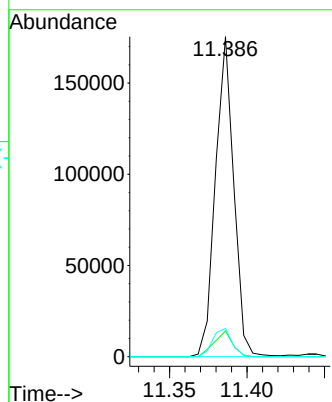
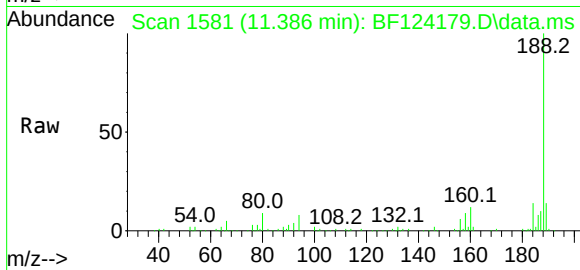




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

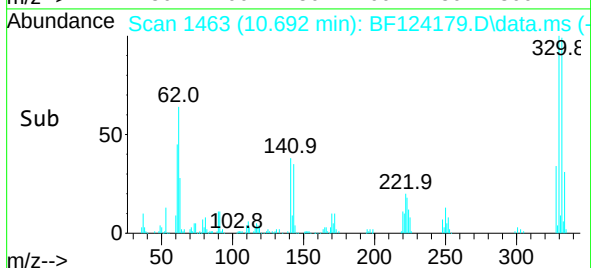
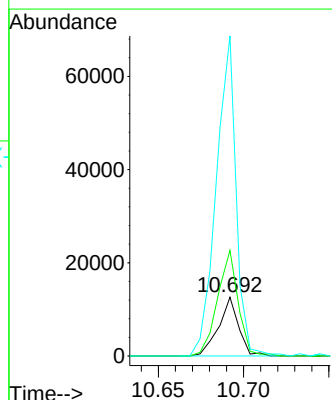
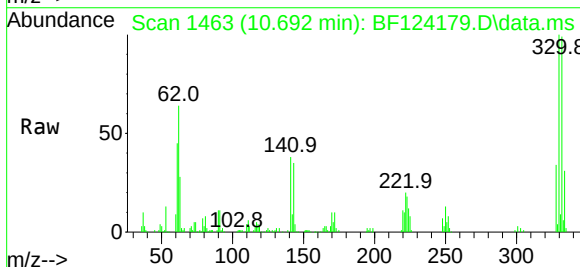
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

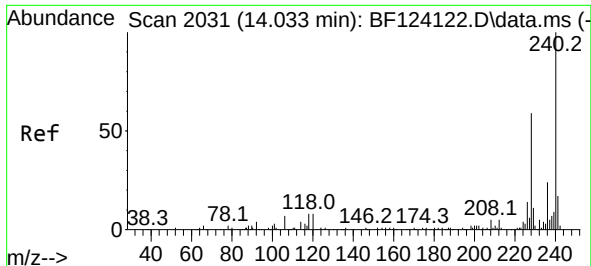
Tgt Ion:188 Resp: 143994
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.230 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion:248 Resp: 10337
Ion Ratio Lower Upper
248 100
250 180.0 77.4 116.2#
141 545.6 63.7 95.5#

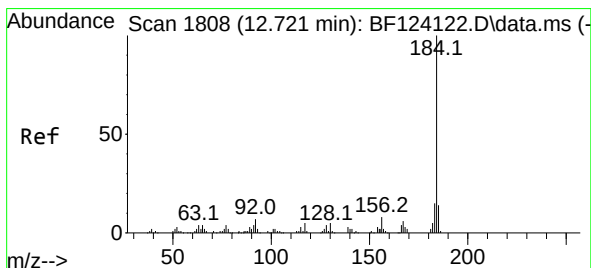
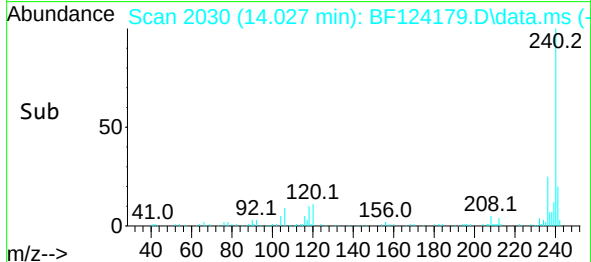
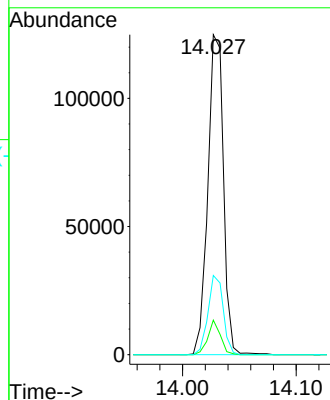
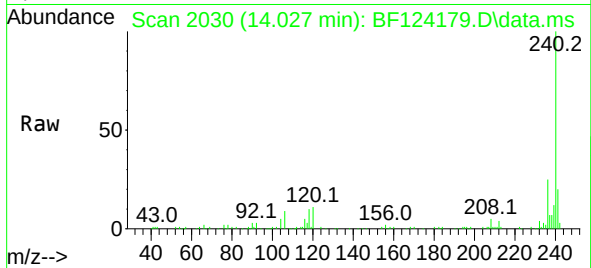




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

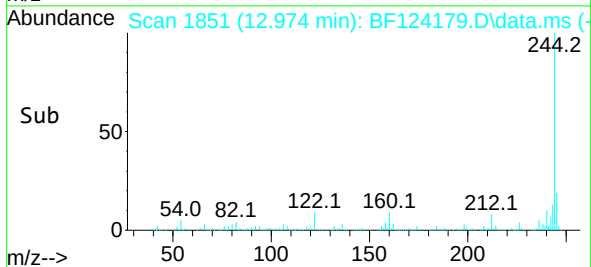
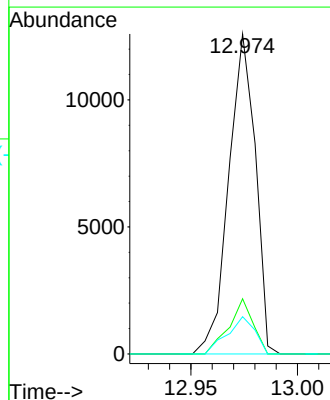
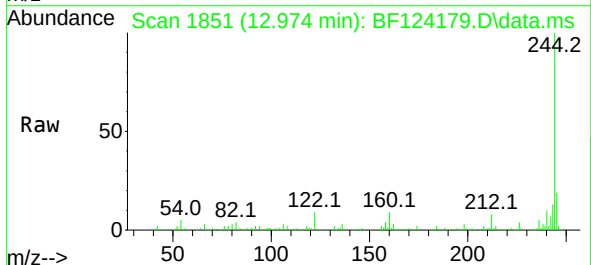
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

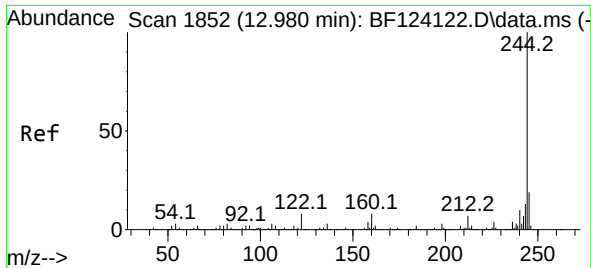
Tgt Ion:240 Resp: 119150
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 24.7 19.0 28.4



#77
Benzidine
Concen: 7.674 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion:184 Resp: 10960
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 11.7 7.8 11.8

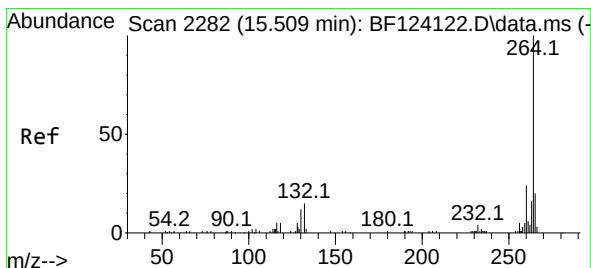
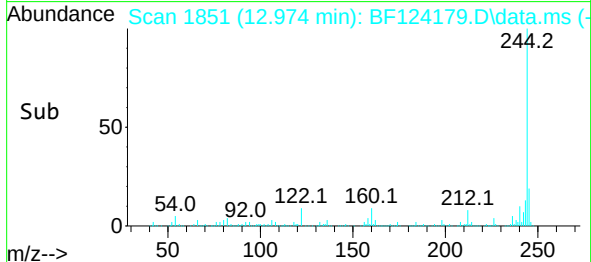
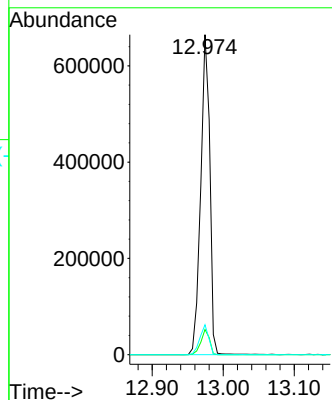
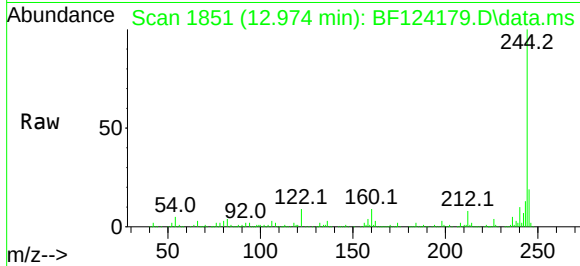




#79
Terphenyl-d14
Concen: 68.497 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

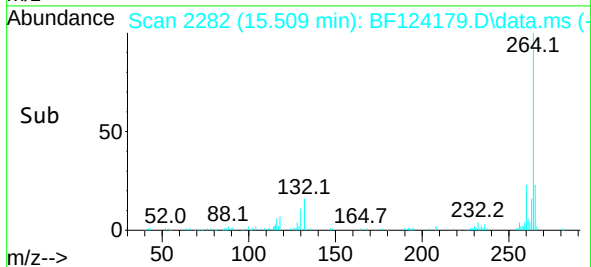
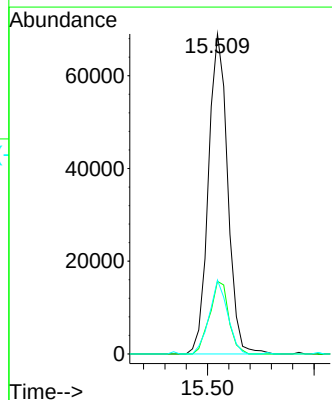
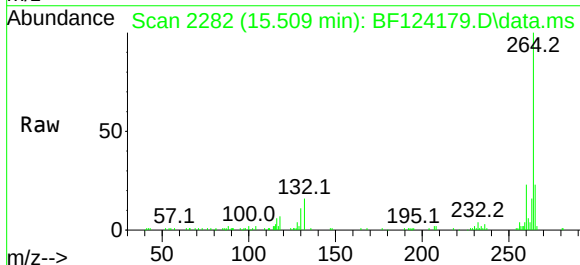
Instrument :
BNA_F
ClientSampleId :
18-B12(94-98)

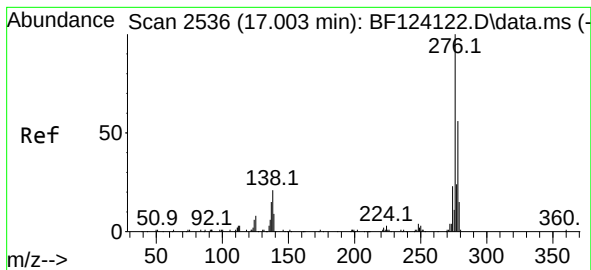
Tgt Ion:244 Resp: 594445
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 9.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124179.D
Acq: 8 Jun 2021 14:25

Tgt Ion:264 Resp: 86578
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 23.1 17.8 26.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.349 ng
 RT: 17.145 min Scan# 2560
 Delta R.T. 0.142 min
 Lab File: BF124179.D
 Acq: 8 Jun 2021 14:25

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(94-98)

Tgt Ion:276 Resp: 112
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.2 24.2#
 277 0.0 20.1 30.1#

