

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124270.D
 Acq On : 11 Jun 2021 20:10
 Operator : JU/CG
 Sample : M2625-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(174-178)

Quant Time: Jun 11 23:46:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

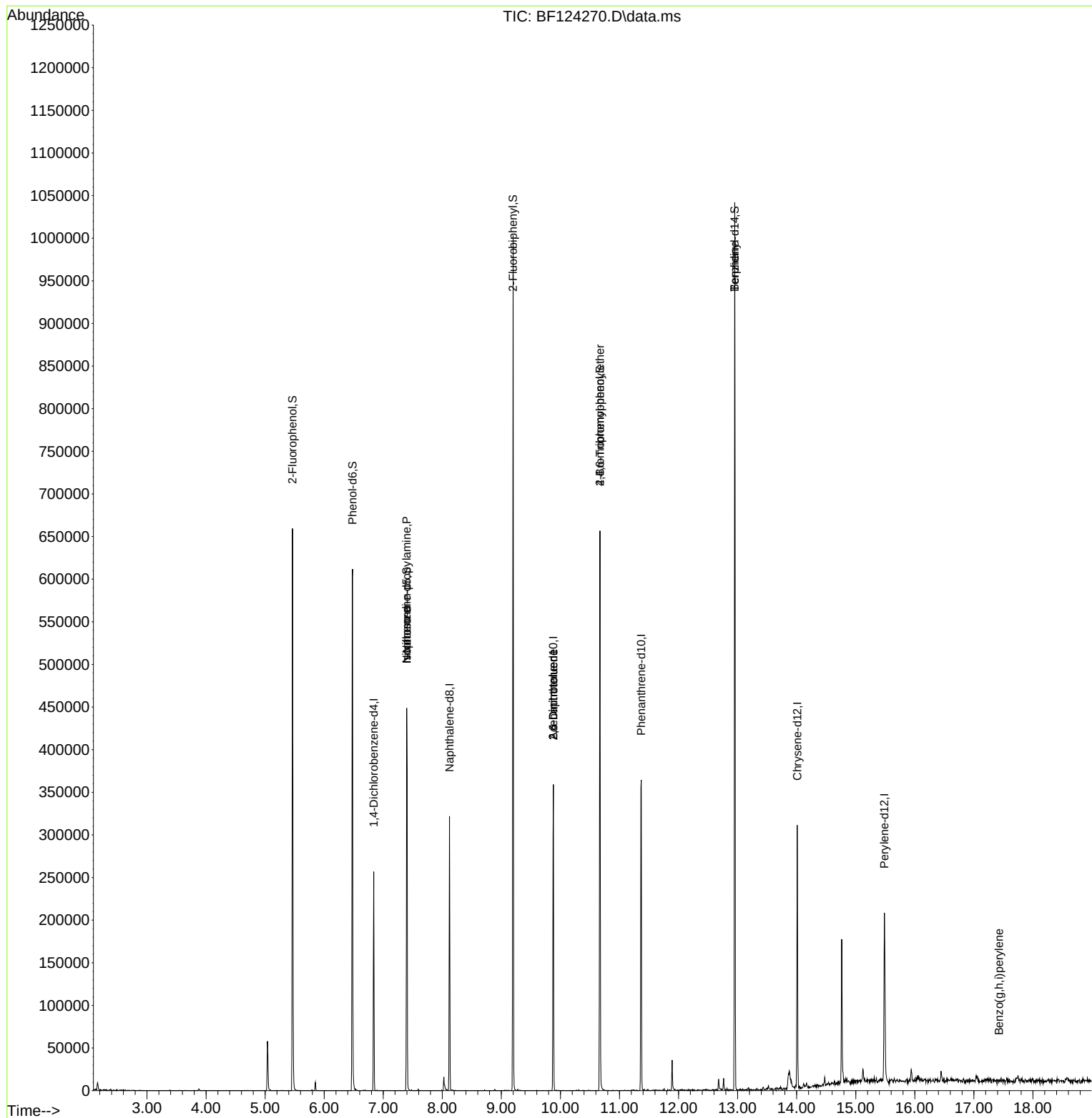
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	29830	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	113053	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	66735	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	129643	20.00	ng	0.00
76) Chrysene-d12	14.010	240	94039	20.00	ng	-0.01
86) Perylene-d12	15.486	264	78816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	131013	66.11	ng	-0.02
7) Phenol-d6	6.481	99	170476	64.00	ng	-0.02
23) Nitrobenzene-d5	7.398	82	127988	44.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	63776	67.45	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	236414	44.58	ng	-0.01
79) Terphenyl-d14	12.951	244	296457	43.28	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	17223	9.16	ng	# 73
25) Isophorone	7.398	82	127986	24.92	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9368	7.40	ng	# 10
57) 2,4-Dinitrotoluene	9.880	165	9368	5.61	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	3840	2.16	ng	# 1
77) Benzidine	12.951	184	5561	6.38	ng	96
92) Benzo(g,h,i)perylene	17.427	276	117	3.83	ng	# 56

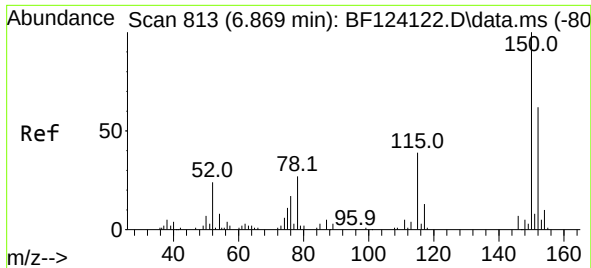
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :
18-B12(174-178)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

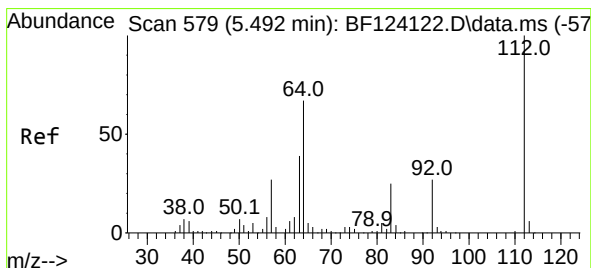
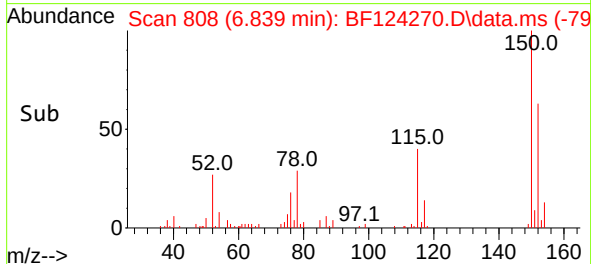
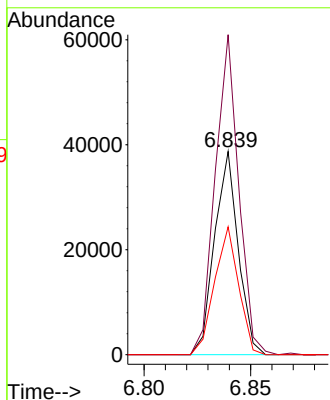
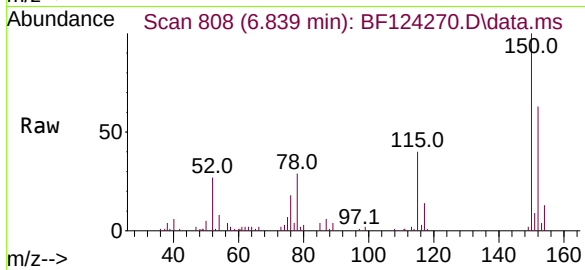




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

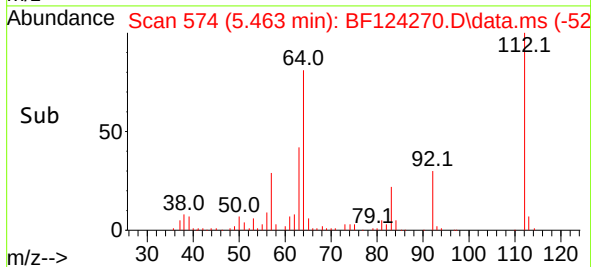
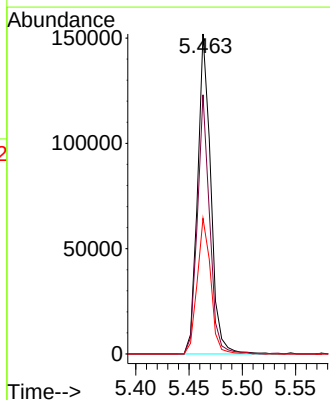
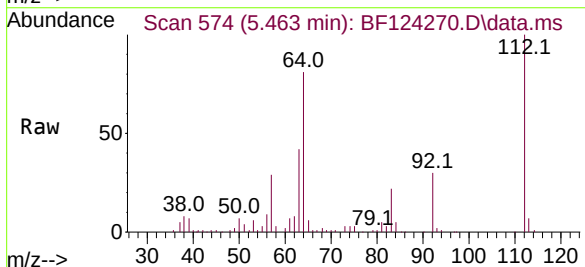
Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

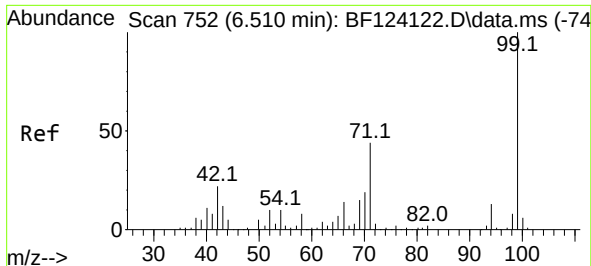
Tgt Ion:152 Resp: 29830
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 66.11 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion:112 Resp: 131013
Ion Ratio Lower Upper
112 100
64 81.0 61.4 92.0
63 42.4 33.0 49.4

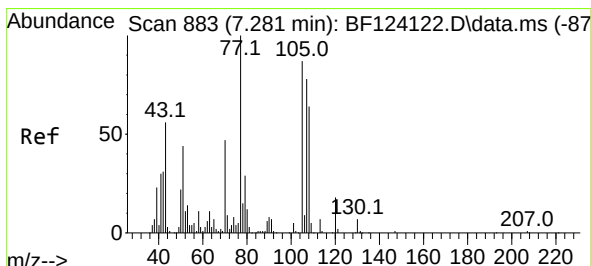
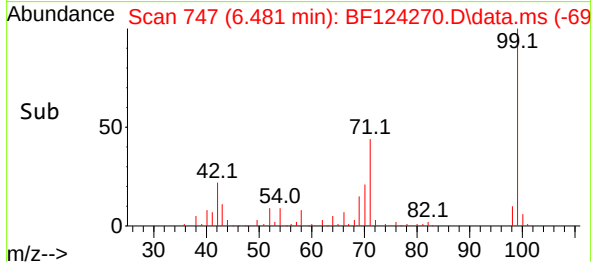
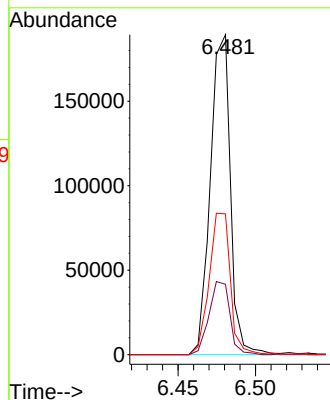
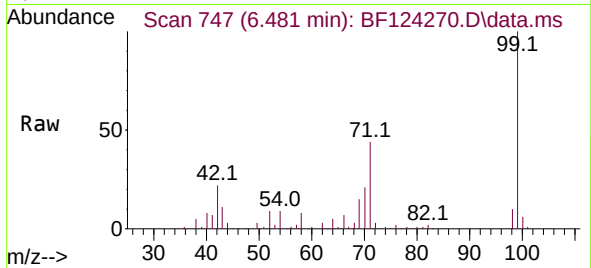




#7
Phenol-d6
Concen: 64.00 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

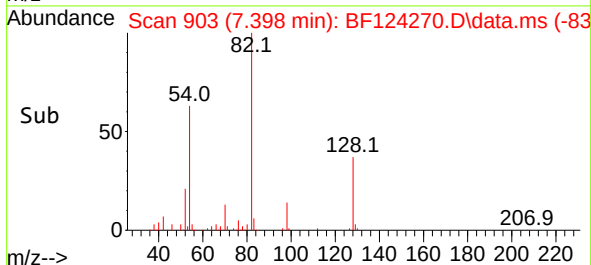
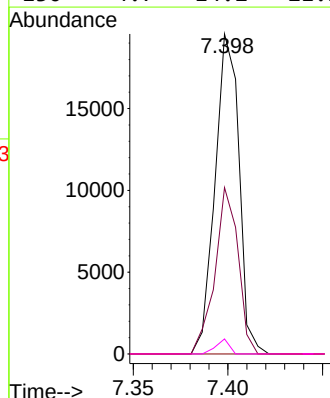
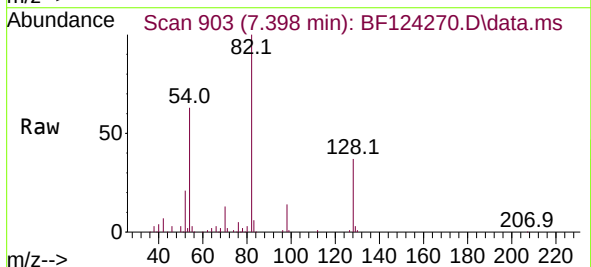
Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

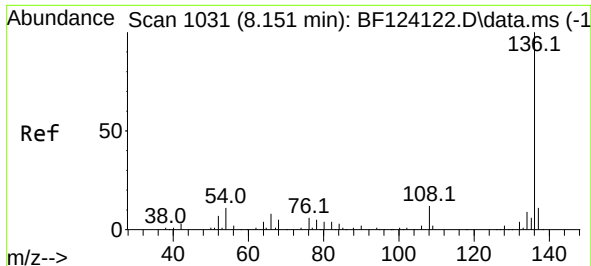
Tgt Ion: 99 Resp: 170476
Ion Ratio Lower Upper
99 100
42 22.0 19.8 29.8
71 44.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.16 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.129 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

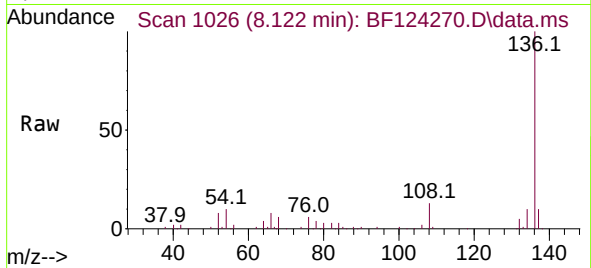
Tgt Ion: 70 Resp: 17223
Ion Ratio Lower Upper
70 100
42 52.0 60.1 90.1#
101 0.0 7.4 11.2#
130 4.7 14.2 21.2#



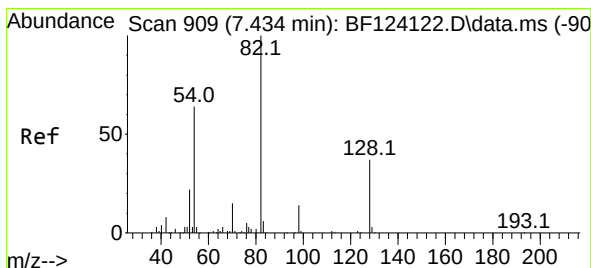
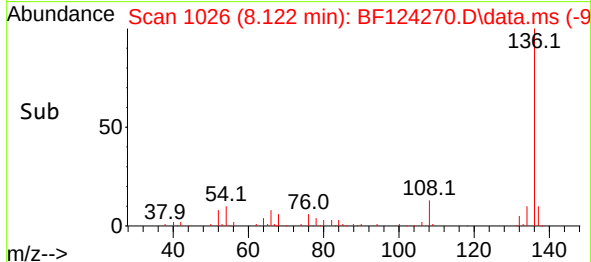
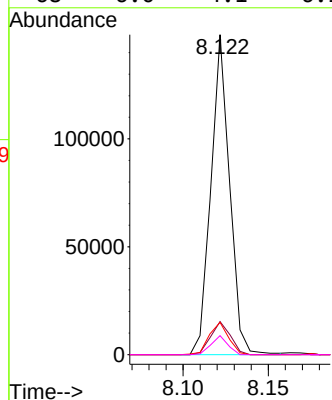


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

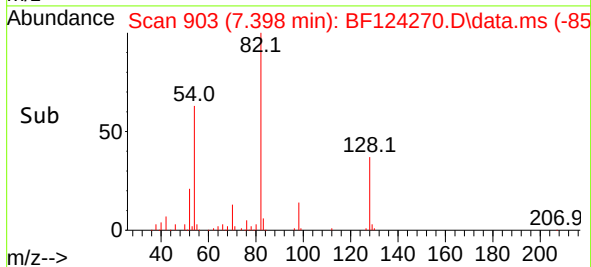
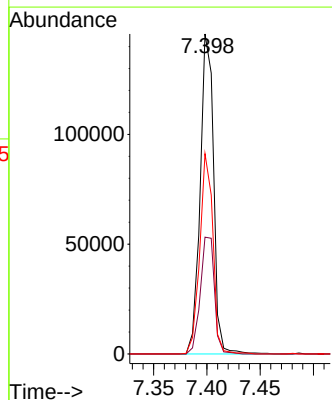
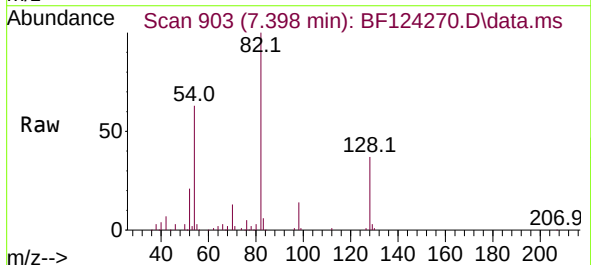


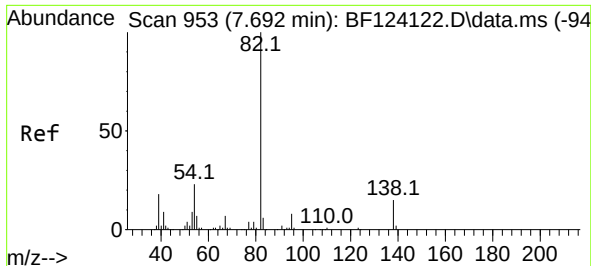
Tgt Ion:136	Resp: 113053
Ion Ratio	Lower Upper
136	100
137	10.4 8.7 13.1
54	10.1 9.8 14.6
68	6.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 44.90 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.018 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion: 82	Resp: 127988
Ion Ratio	Lower Upper
82	100
128	36.5 29.4 44.2
54	62.6 54.1 81.1

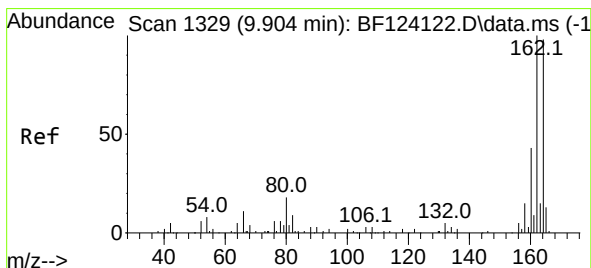
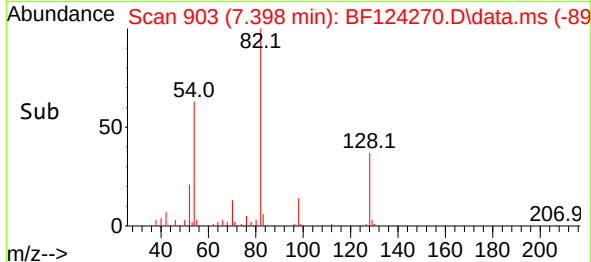
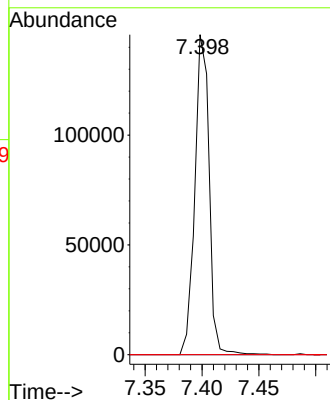
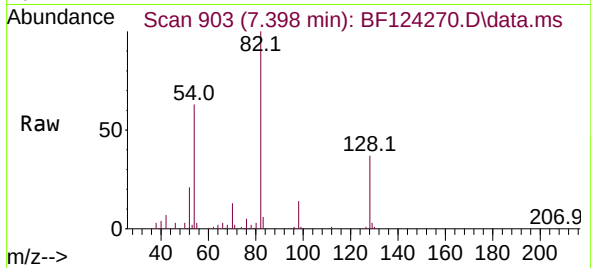




#25
Isophorone
Concen: 24.92 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.276 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

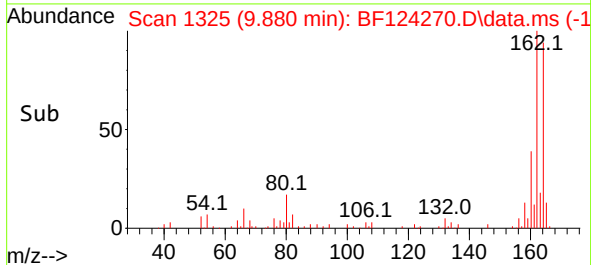
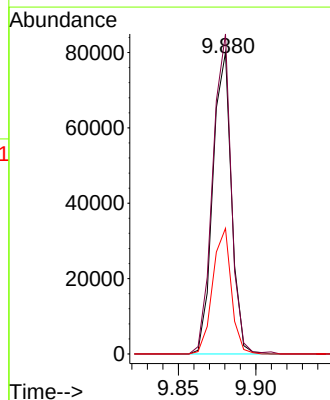
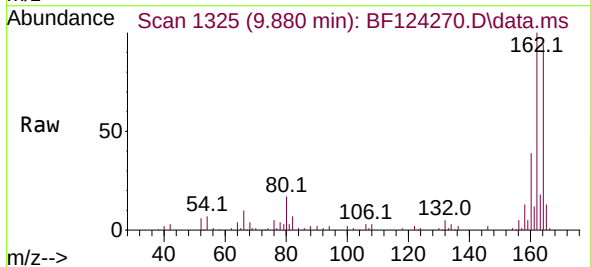
Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

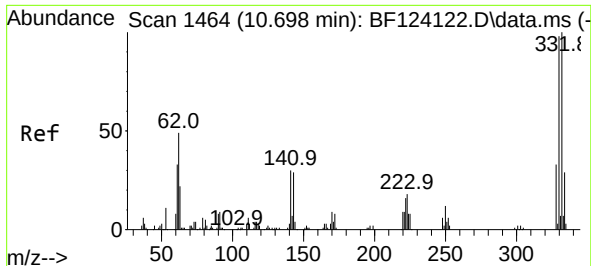
Tgt Ion: 82 Resp: 127986
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion: 164 Resp: 66735
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 41.6 37.3 55.9

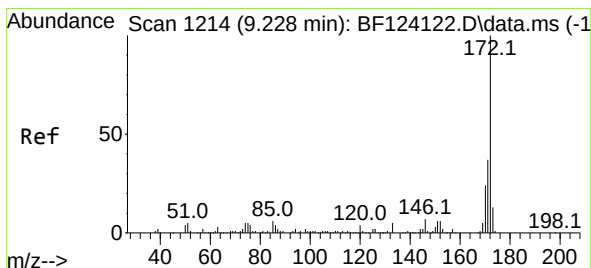
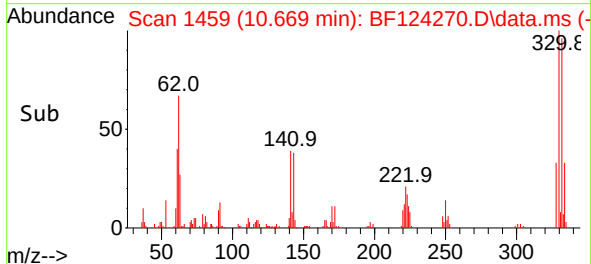
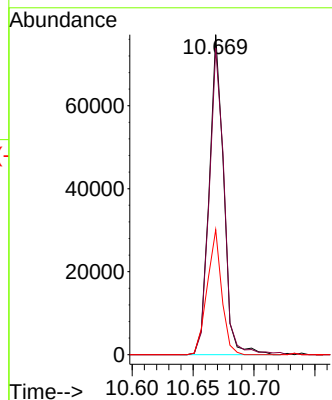
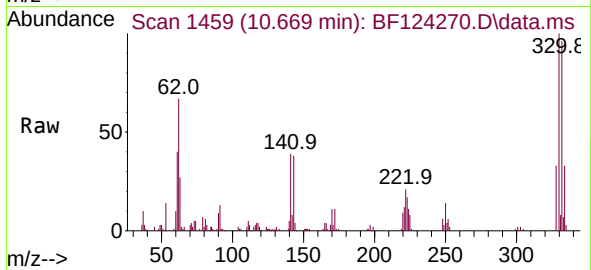




#42
2,4,6-Tribromophenol
Concen: 67.45 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

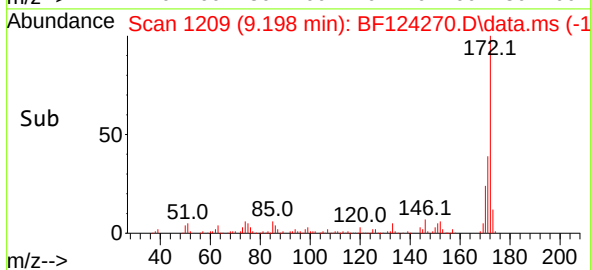
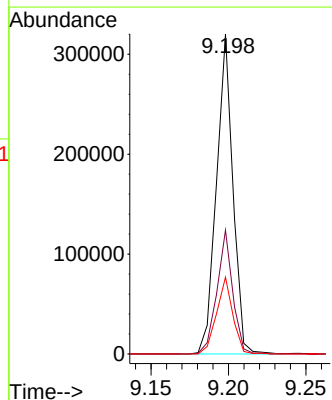
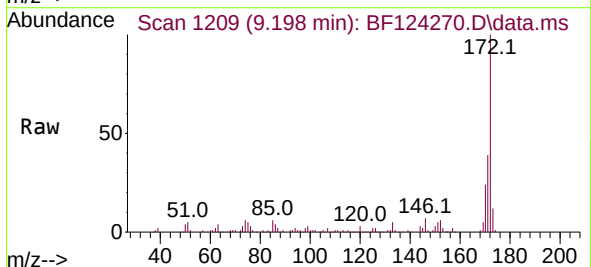
Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

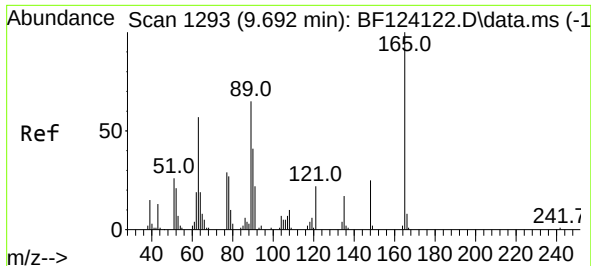
Tgt Ion: 330 Resp: 63776
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 39.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 44.58 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion: 172 Resp: 236414
Ion Ratio Lower Upper
172 100
171 38.7 28.1 42.1
170 24.0 19.2 28.8

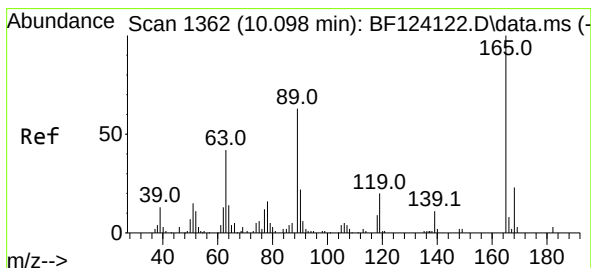
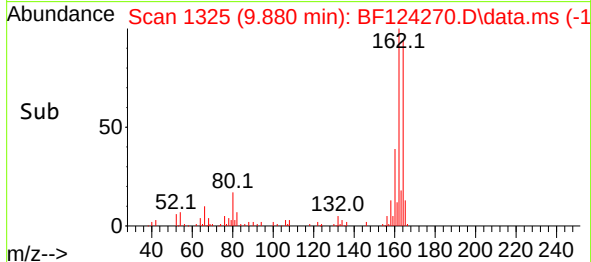
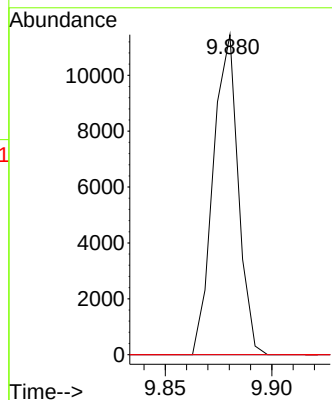
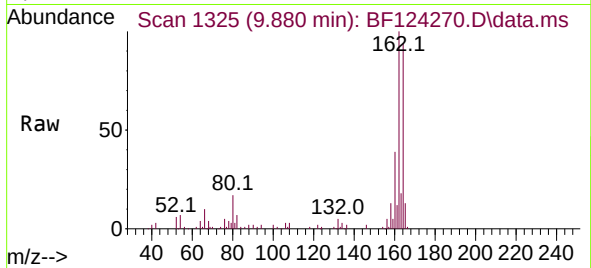




#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

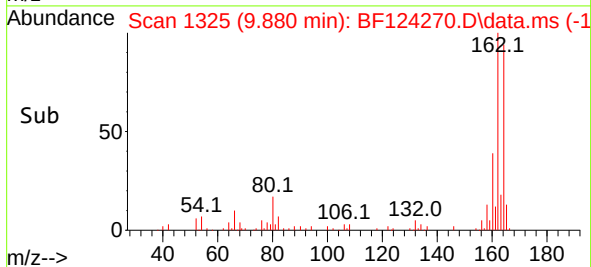
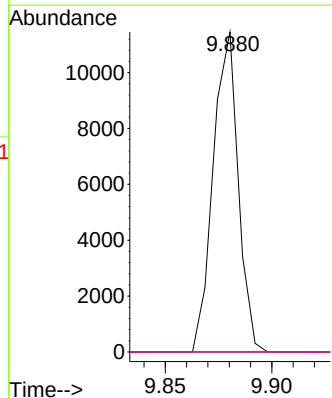
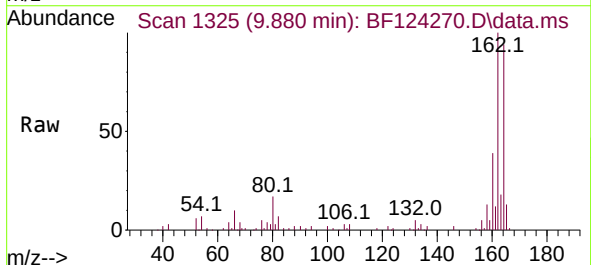
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18-B12(174-178)

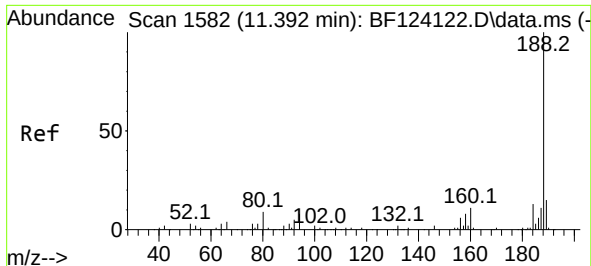
Tgt Ion:165 Resp: 9368
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion:165 Resp: 9368
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#

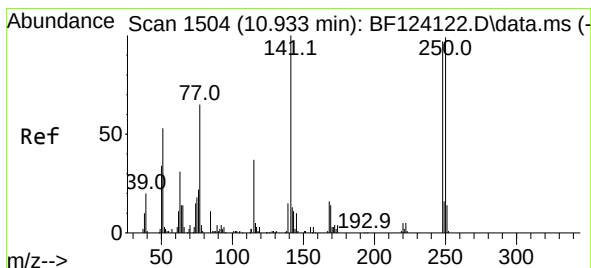
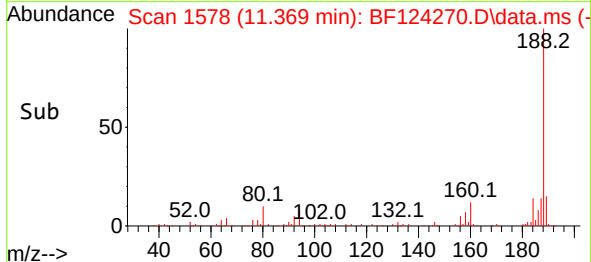
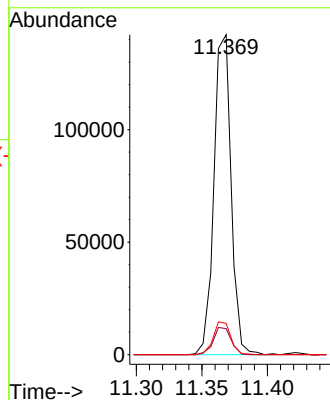
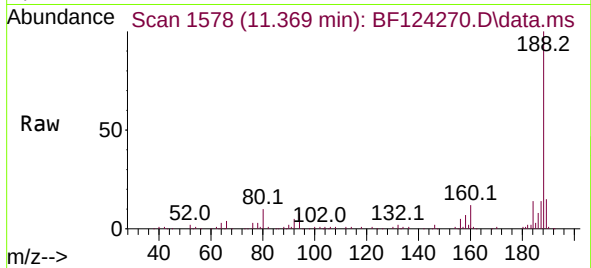




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

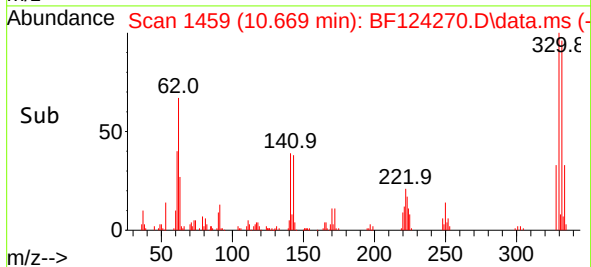
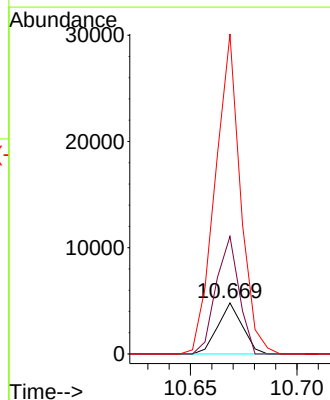
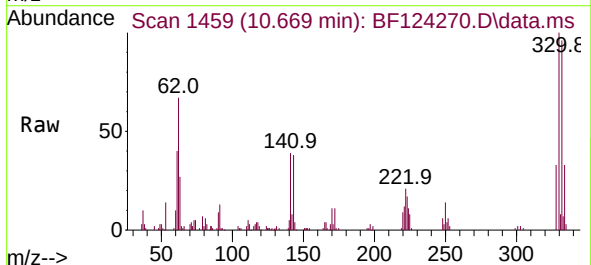
Instrument :
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18-B12(174-178)

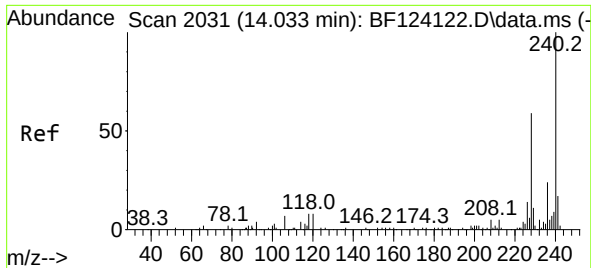
Tgt Ion:188 Resp: 129643
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.16 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion:248 Resp: 3840
Ion Ratio Lower Upper
248 100
250 230.8 77.4 116.2#
141 627.9 63.7 95.5#

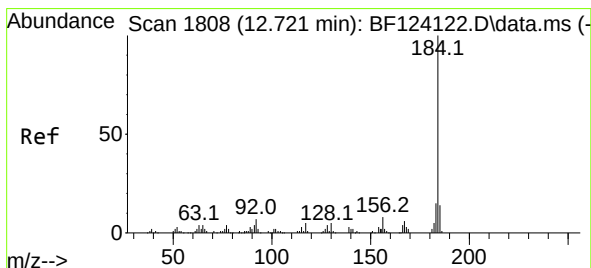
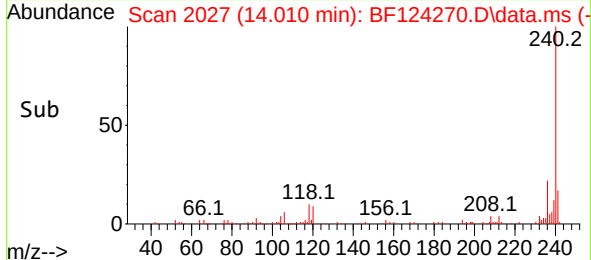
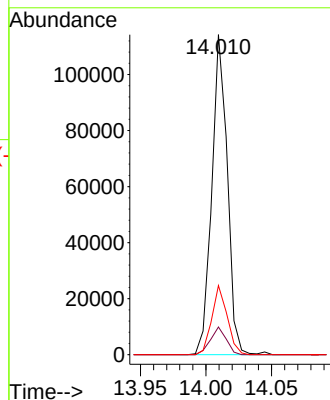
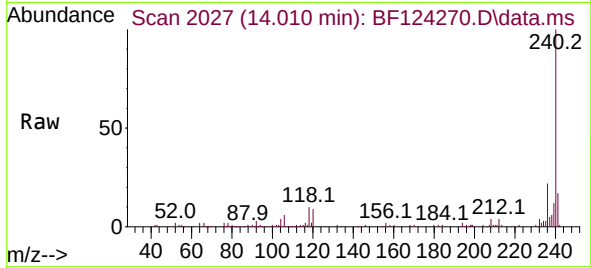




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

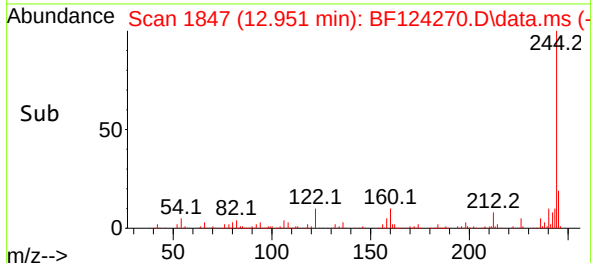
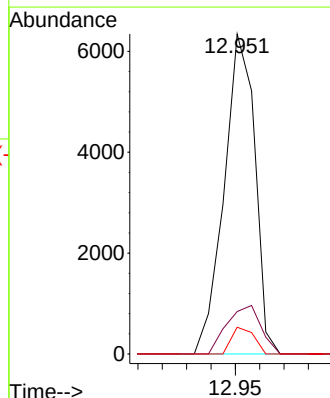
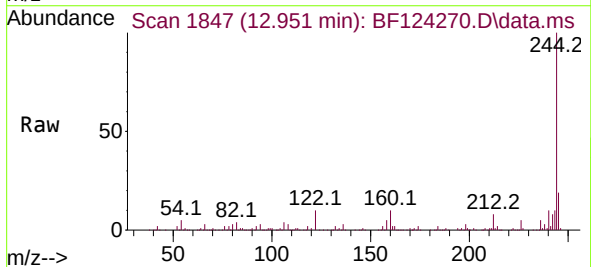
Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

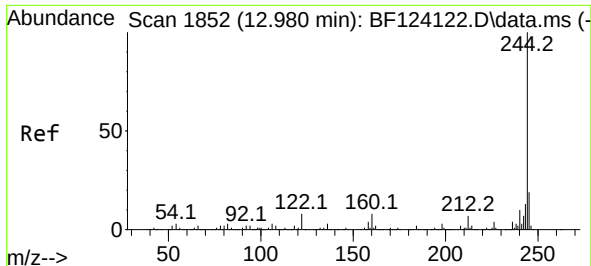
Tgt Ion:240	Resp:	94039
Ion Ratio	Lower	Upper
240	100	
120	8.6	7.2 10.8
236	21.6	19.0 28.4



#77
Benzidine
Concen: 6.38 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

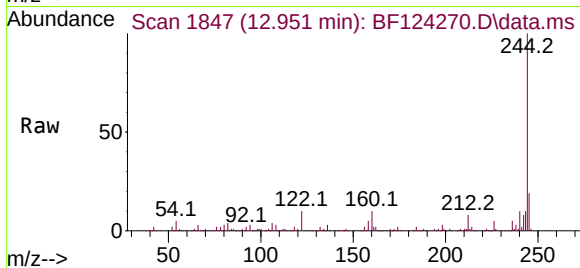
Tgt Ion:184	Resp:	5561
Ion Ratio	Lower	Upper
184	100	
185	13.3	12.1 18.1
183	8.4	7.8 11.8



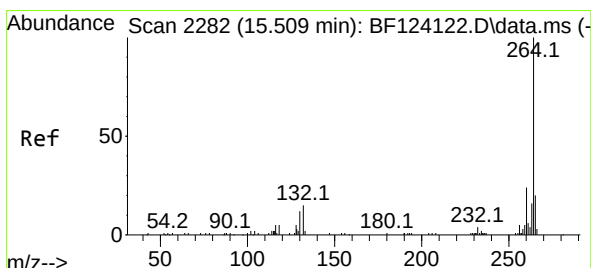
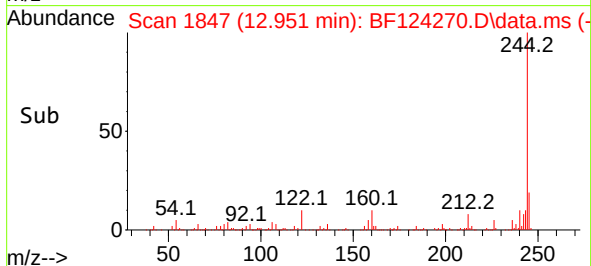
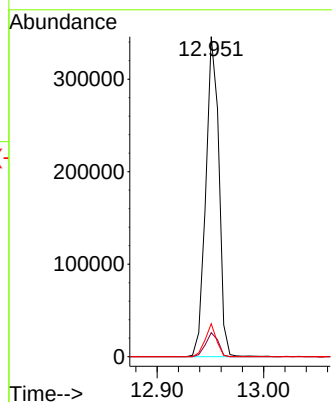


#79
Terphenyl-d14
Concen: 43.28 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Instrument :
BNA_F
ClientSampleId :
18-B12(174-178)

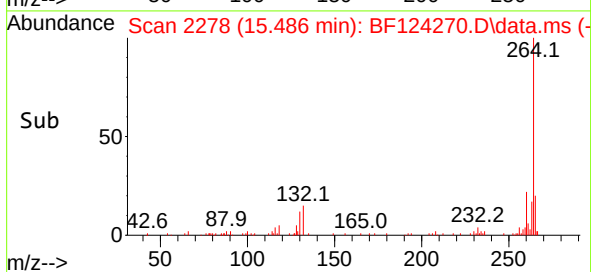
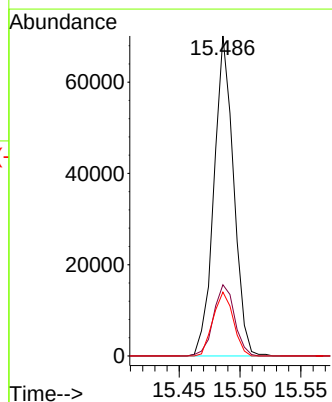
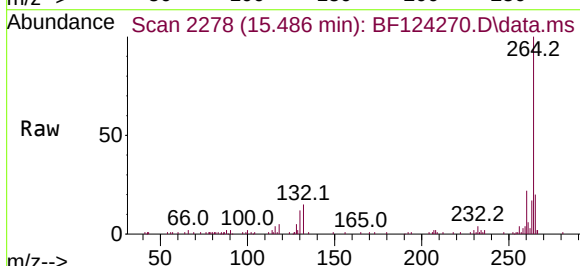


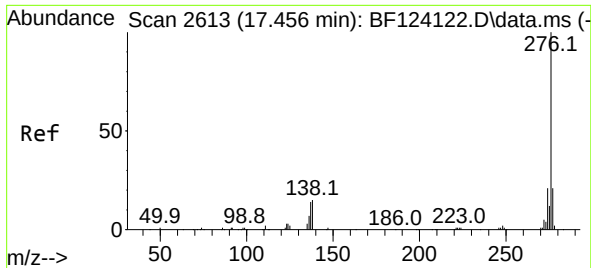
Tgt Ion:244 Resp: 296457
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.3 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124270.D
Acq: 11 Jun 2021 20:10

Tgt Ion:264 Resp: 78816
Ion Ratio Lower Upper
264 100
260 22.3 18.7 28.1
265 19.9 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.83 ng
 RT: 17.427 min Scan# 2608
 Delta R.T. -0.006 min
 Lab File: BF124270.D
 Acq: 11 Jun 2021 20:10

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(174-178)

Tgt Ion:276 Resp: 117
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

