

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124306.D
 Acq On : 14 Jun 2021 15:00
 Operator : JU/CG
 Sample : M2626-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(X)

Quant Time: Jun 14 15:25:21 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 14 12:10:02 2021
 Response via : Initial Calibration

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

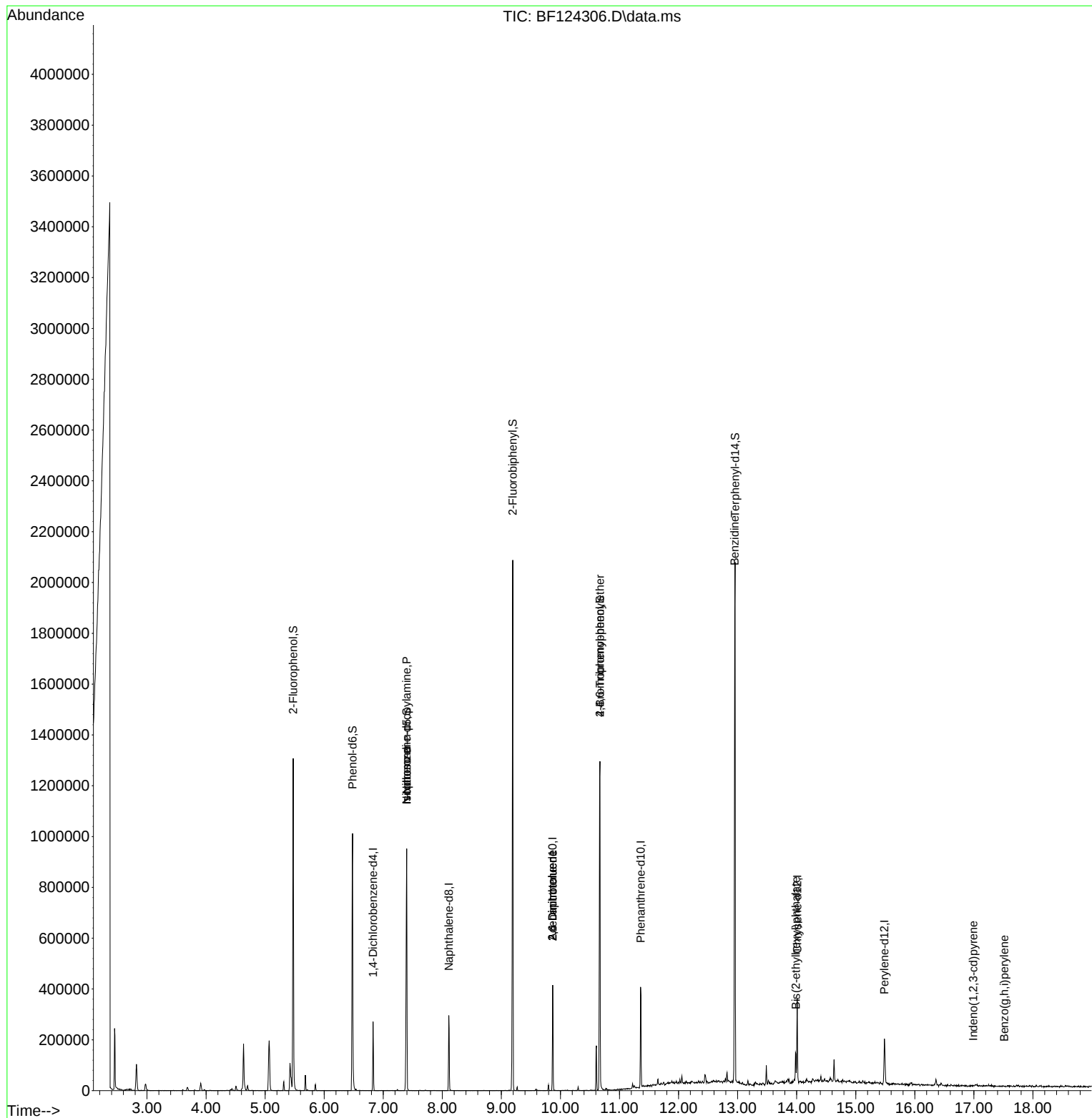
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	30863	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	120667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	72477	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	132455	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	91447	20.000	ng	0.00
86) Perylene-d12	15.486	264	69444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	279981	136.561	ng	0.02
7) Phenol-d6	6.481	99	304504	110.495	ng	0.00
23) Nitrobenzene-d5	7.398	82	289394	95.119	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	149057	145.163	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	549817	95.461	ng	0.00
79) Terphenyl-d14	12.957	244	670623	100.685	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	42009	21.594	ng	# 62
25) Isophorone	7.398	82	289389	52.784	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	8964	6.520	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	8964	4.944	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	10976	6.037	ng	# 1
77) Benzidine	12.951	184	11328	8.926	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	29329	6.921	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.992	276	111	4.353	ng	# 1
92) Benzo(g,h,i)perylene	17.515	276	111	3.828	ng	# 56

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

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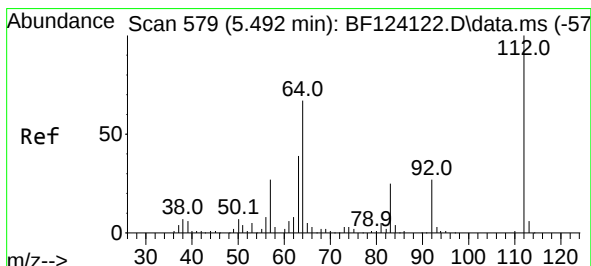
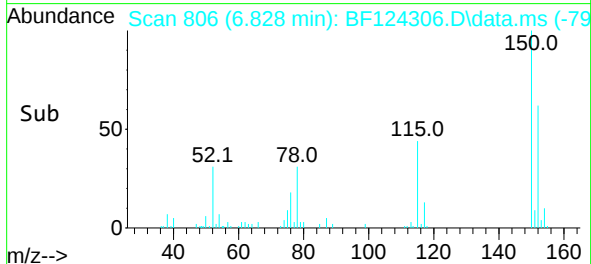
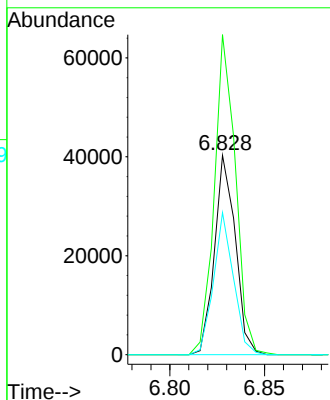
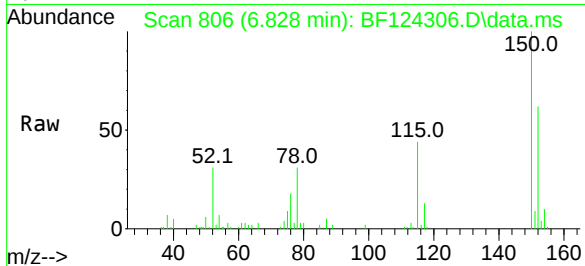




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

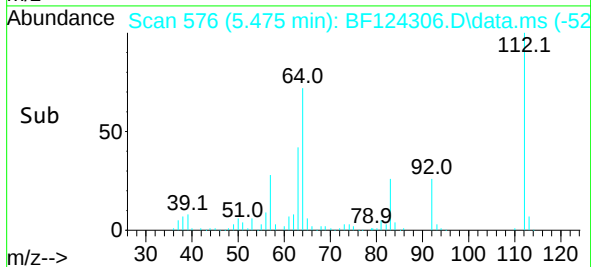
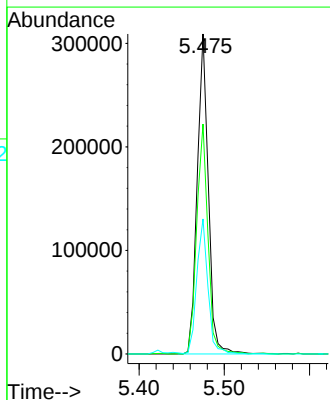
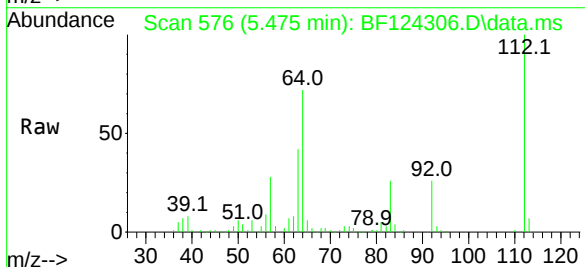
Instrument :
BNA_F
ClientSampleId :
18-B12(X)

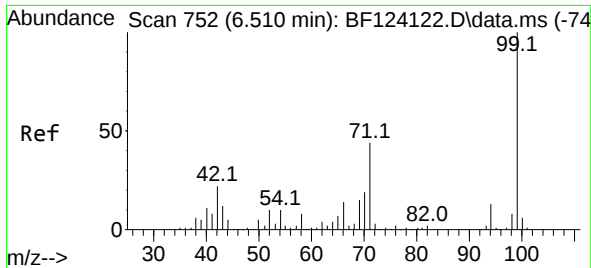
Tgt Ion:152 Resp: 30863
Ion Ratio Lower Upper
152 100
150 160.5 127.0 190.6
115 71.2 54.3 81.5



#5
2-Fluorophenol
Concen: 136.561 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

Tgt Ion:112 Resp: 279981
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 42.2 33.0 49.4

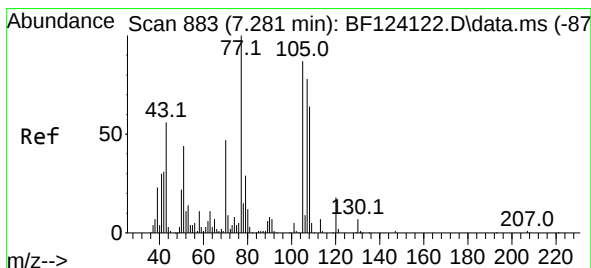
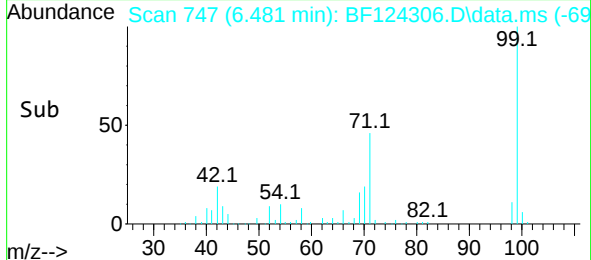
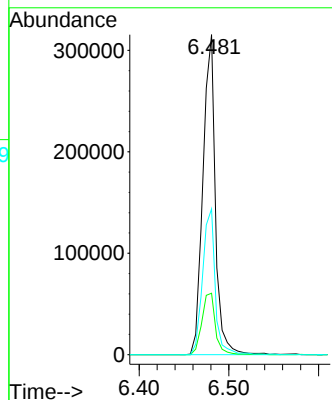
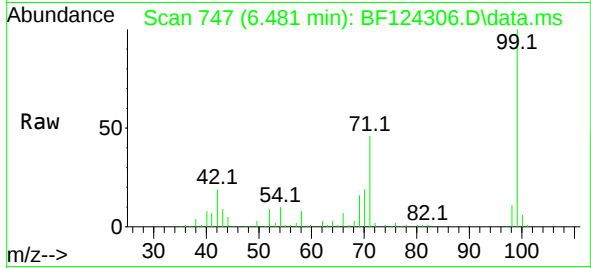




#7
Phenol-d6
Concen: 110.495 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

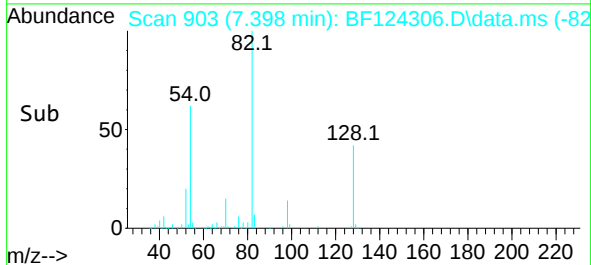
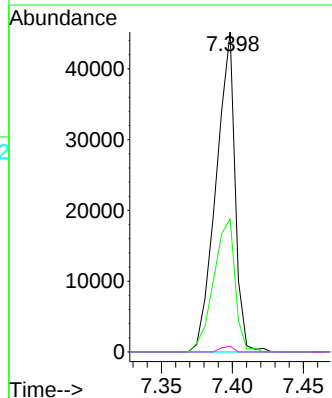
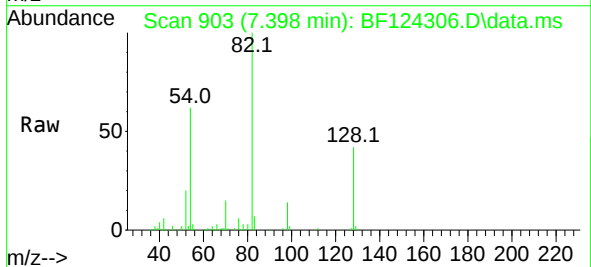
Instrument :
BNA_F
ClientSampleId :
18-B12(X)

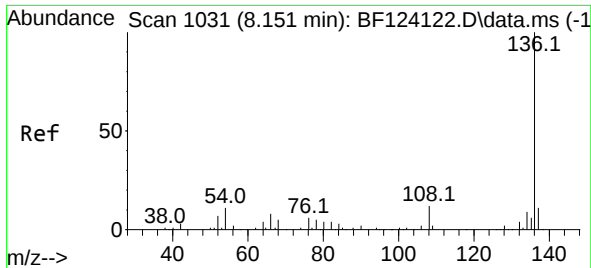
Tgt Ion: 99 Resp: 304504
Ion Ratio Lower Upper
99 100
42 19.2 19.8 29.8#
71 45.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.594 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

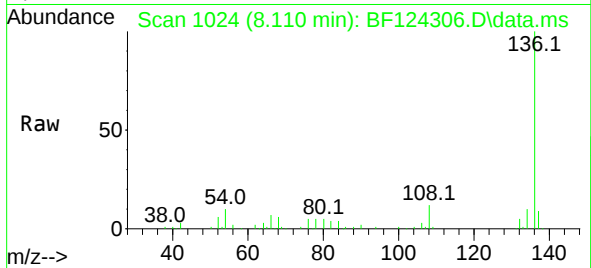
Tgt Ion: 70 Resp: 42009
Ion Ratio Lower Upper
70 100
42 41.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



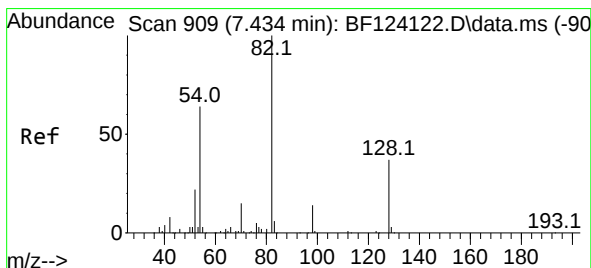
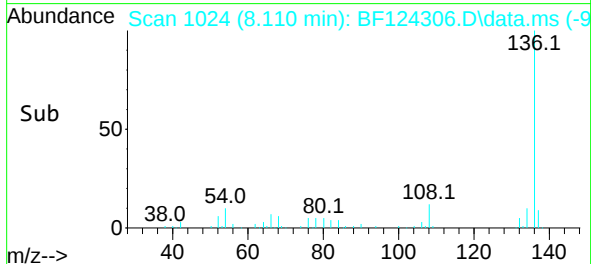
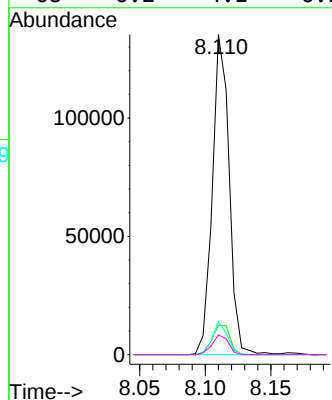


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

Instrument :
BNA_F
ClientSampleId :
18-B12(X)

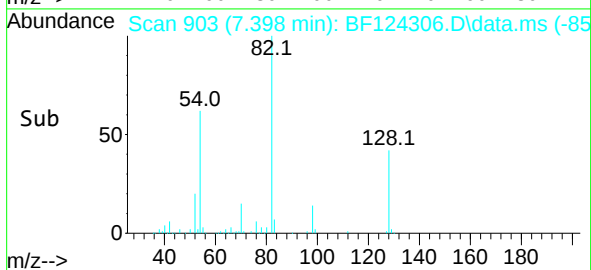
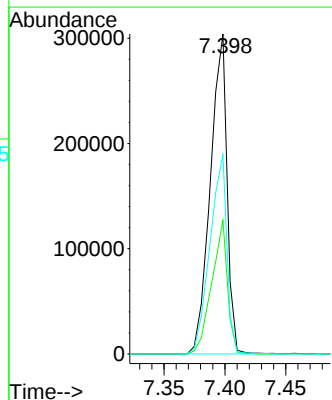
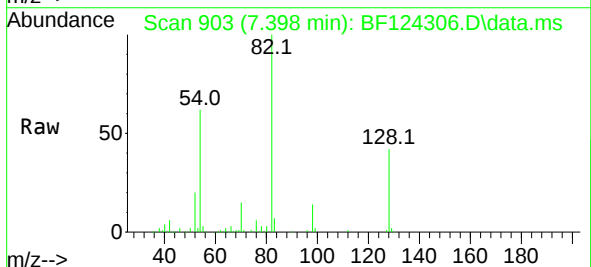


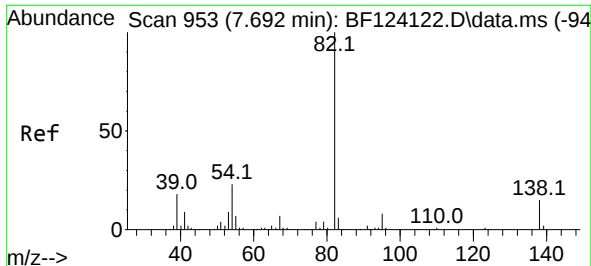
Tgt Ion:136 Resp: 120667
Ion Ratio Lower Upper
136 100
137 9.2 8.7 13.1
54 10.2 9.8 14.6
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 95.119 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

Tgt Ion: 82 Resp: 289394
Ion Ratio Lower Upper
82 100
128 41.8 29.4 44.2
54 62.2 54.1 81.1

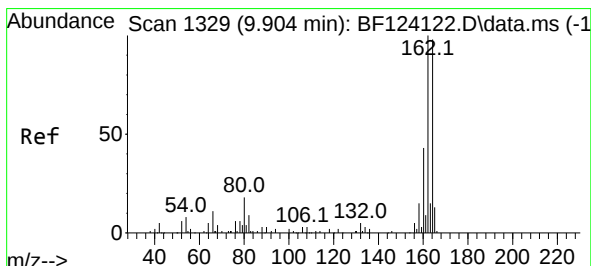
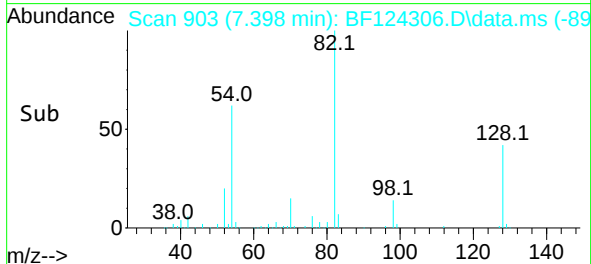
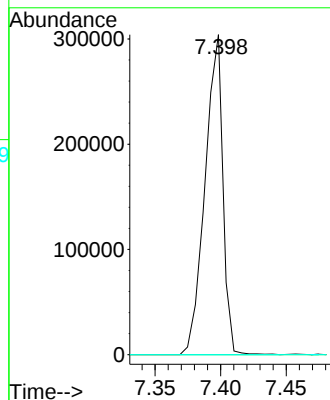
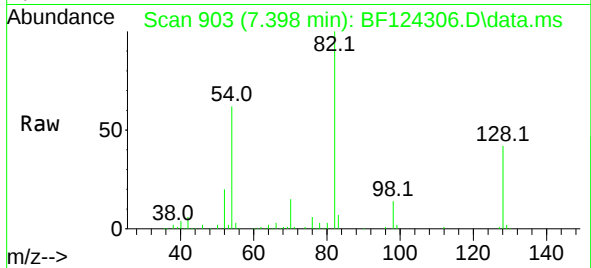




#25
Isophorone
Concen: 52.784 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

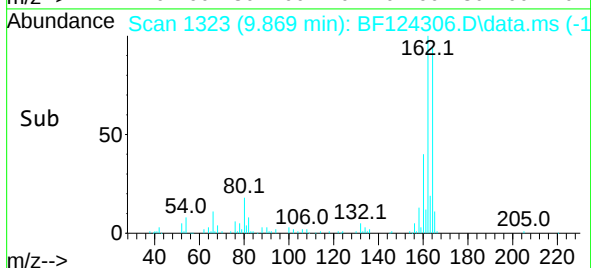
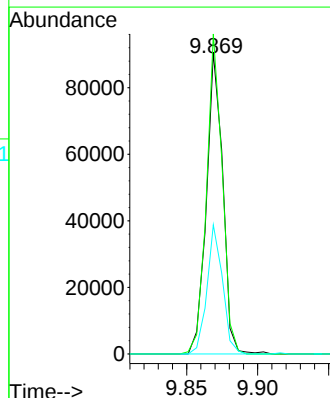
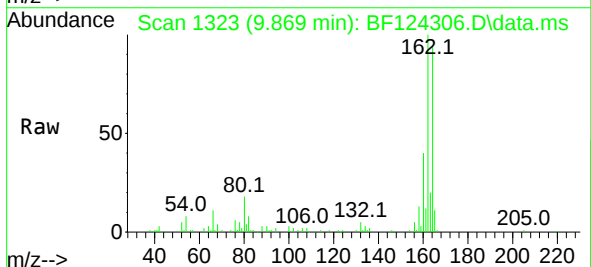
Instrument :
BNA_F
ClientSampleId :
18-B12(X)

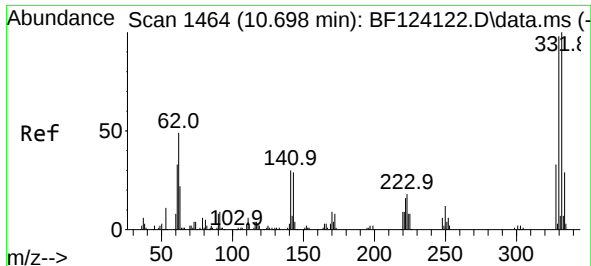
Tgt Ion: 82 Resp: 289389
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

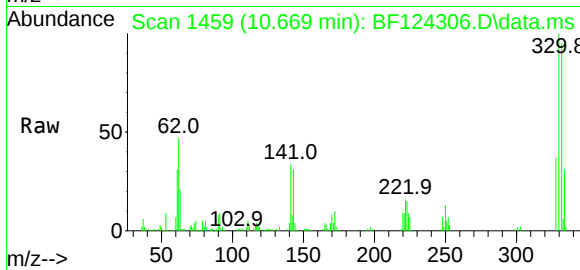
Tgt Ion:164 Resp: 72477
Ion Ratio Lower Upper
164 100
162 106.3 80.7 121.1
160 42.9 37.3 55.9



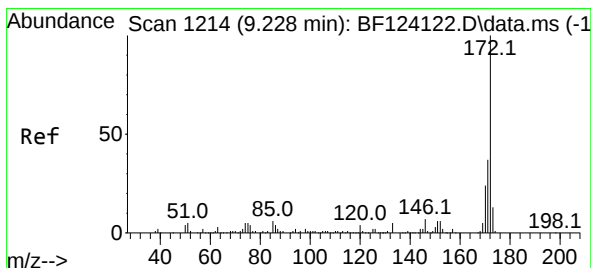
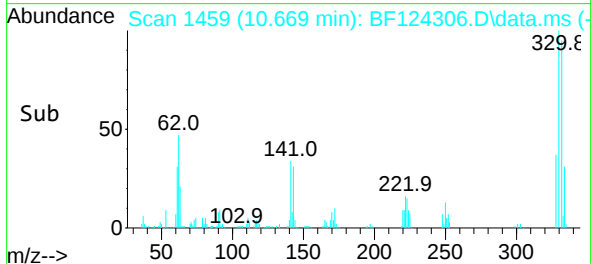
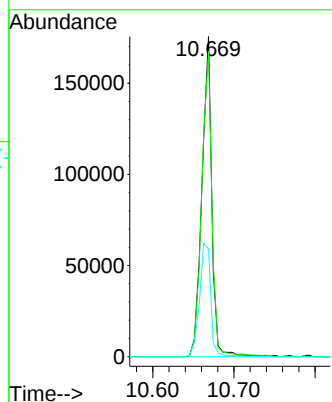


#42
2,4,6-Tribromophenol
Concen: 145.163 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

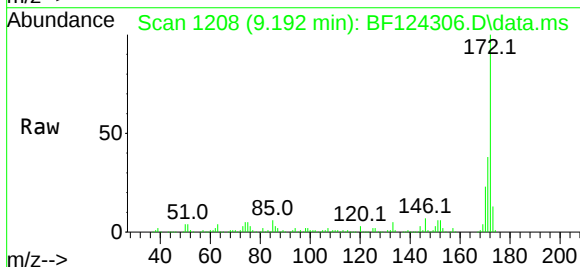
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BNA_F
ClientSampleId :
18-B12(X)



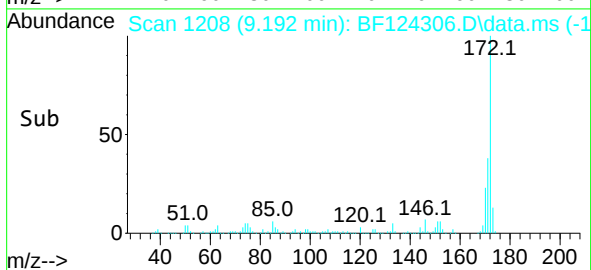
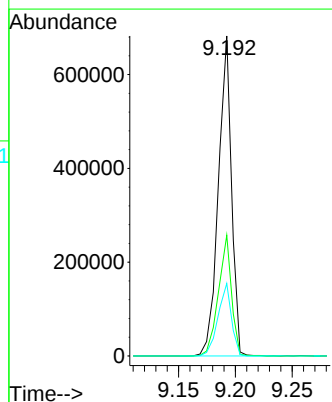
Tgt Ion: 330 Resp: 149057
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 40.2 27.9 41.9

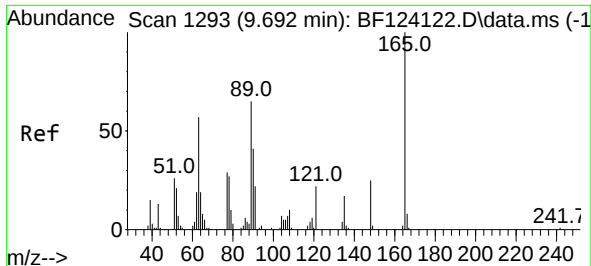


#45
2-Fluorobiphenyl
Concen: 95.461 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00



Tgt Ion: 172 Resp: 549817
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 22.6 19.2 28.8

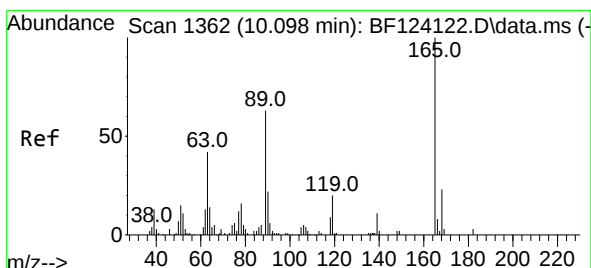
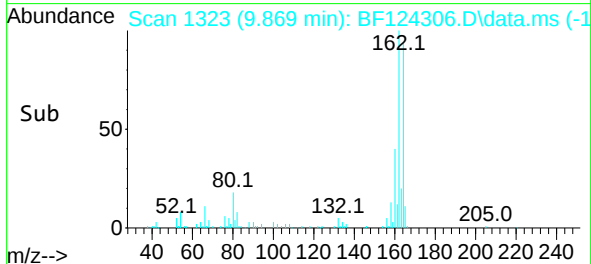
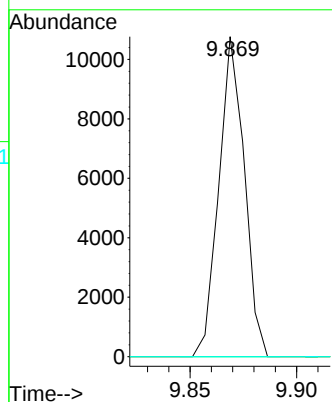
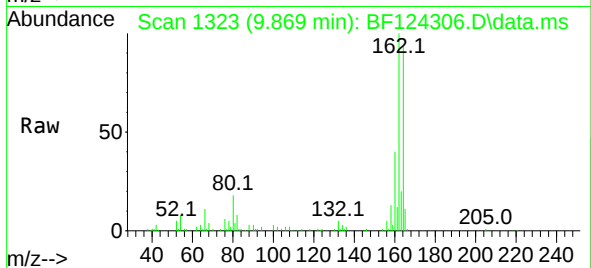




#51
2,6-Dinitrotoluene
Concen: 6.520 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

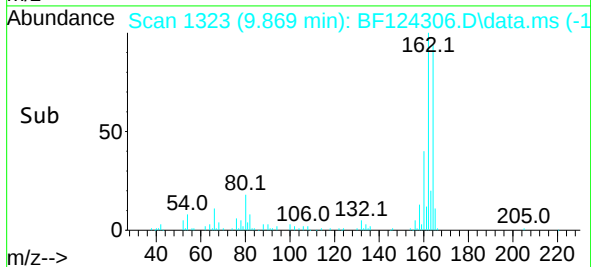
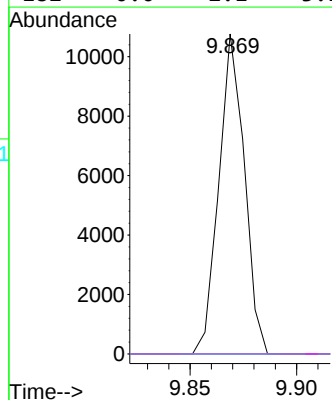
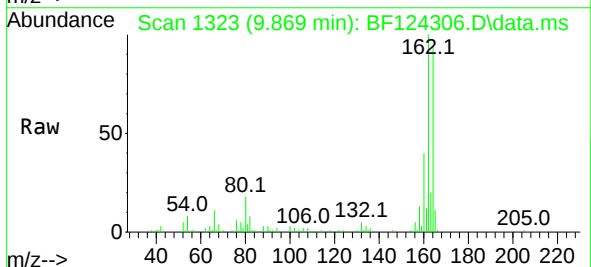
Instrument :
BNA_F
ClientSampled :
18-B12(X)

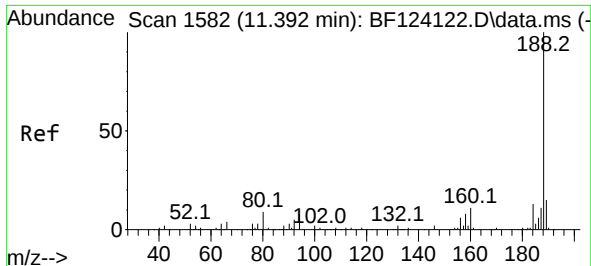
Tgt Ion:165 Resp: 8964
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.944 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

Tgt Ion:165 Resp: 8964
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#

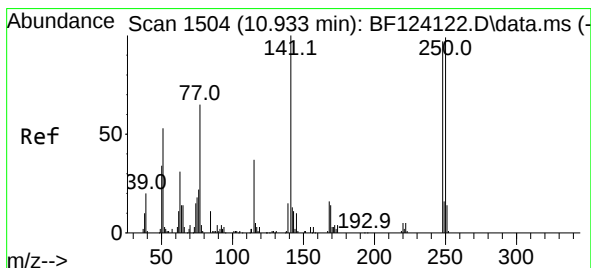
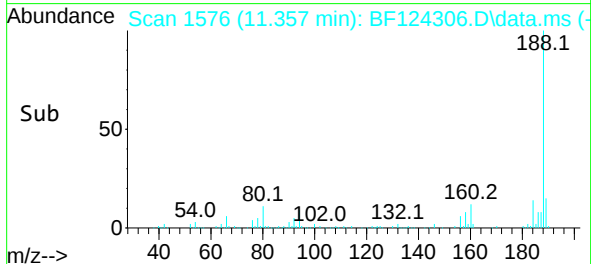
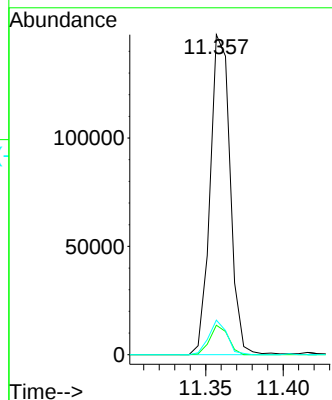
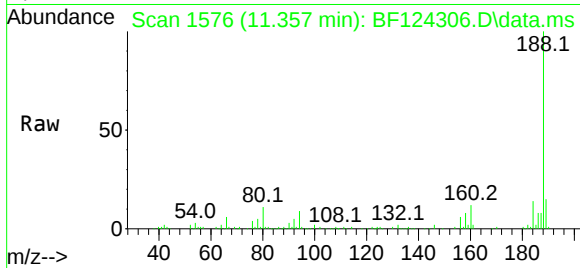




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

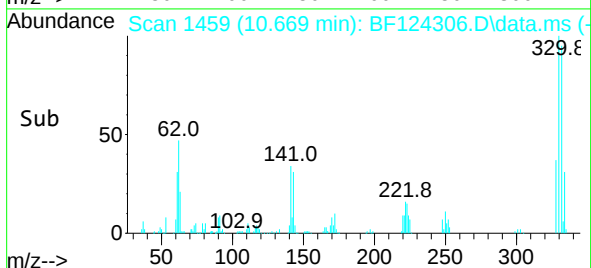
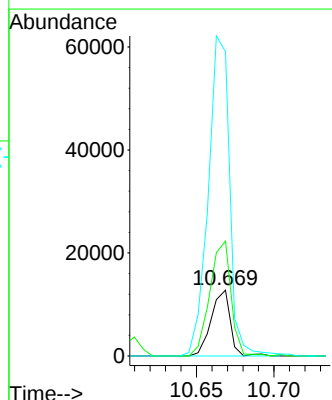
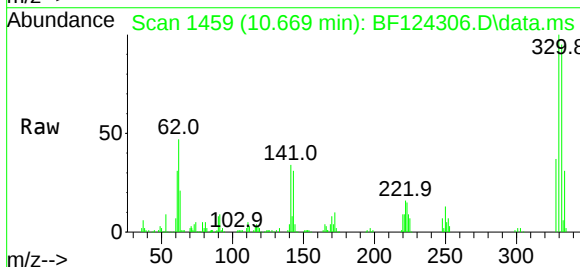
Instrument :
BNA_F
ClientSampled :
18-B12(X)

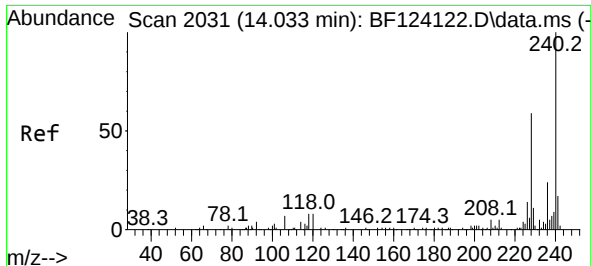
Tgt Ion:188 Resp: 132455
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 6.037 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

Tgt Ion:248 Resp: 10976
Ion Ratio Lower Upper
248 100
250 174.5 77.4 116.2#
141 462.2 63.7 95.5#

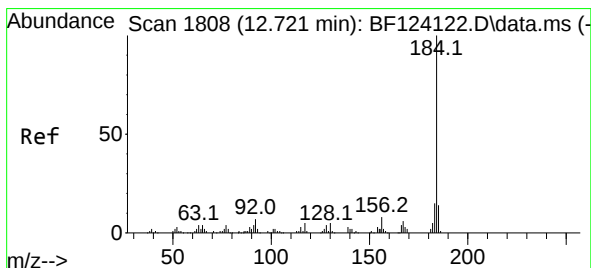
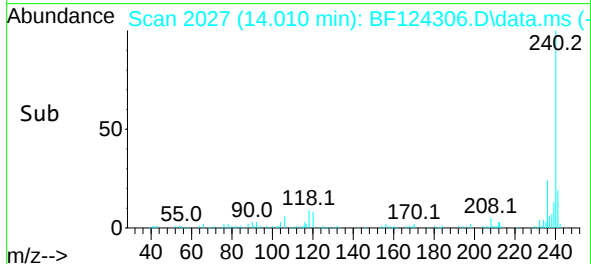
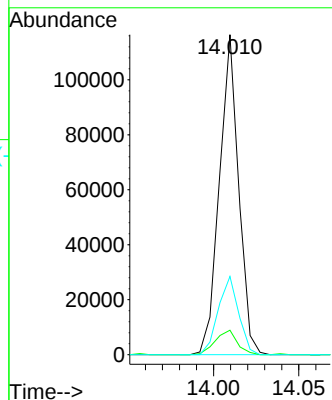
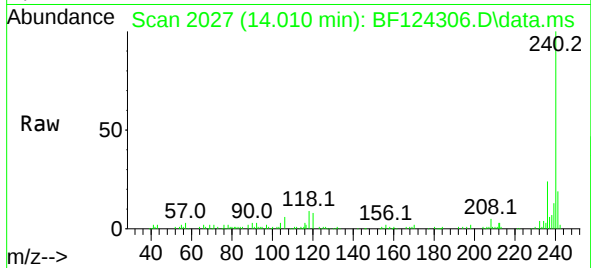




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

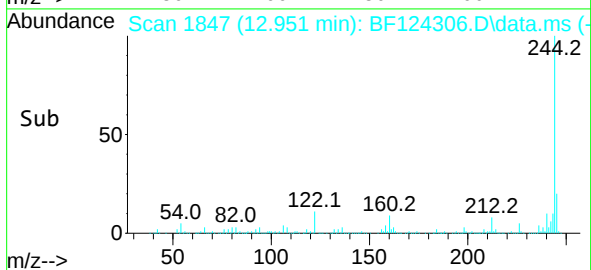
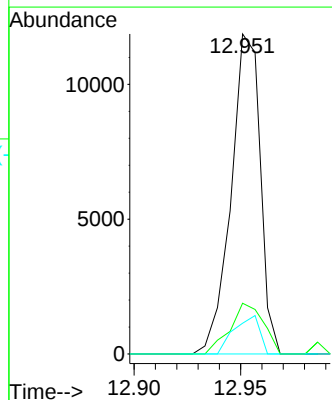
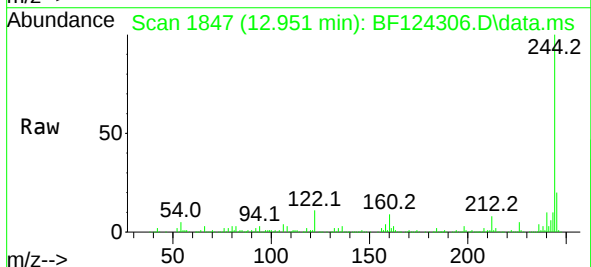
Instrument :
BNA_F
ClientSampleId :
18-B12(X)

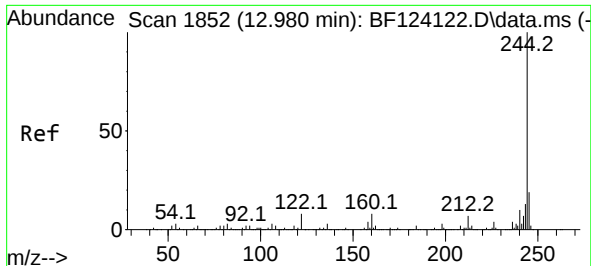
Tgt Ion:240 Resp: 91447
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 24.5 19.0 28.4



#77
Benzidine
Concen: 8.926 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF124306.D
Acq: 14 Jun 2021 15:00

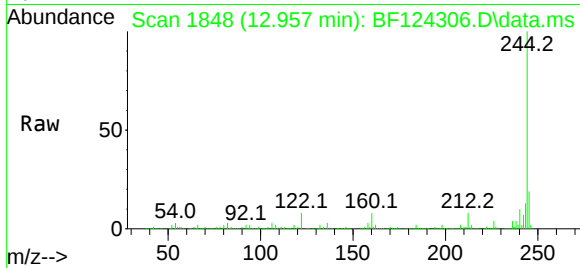
Tgt Ion:184 Resp: 11328
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 9.6 7.8 11.8



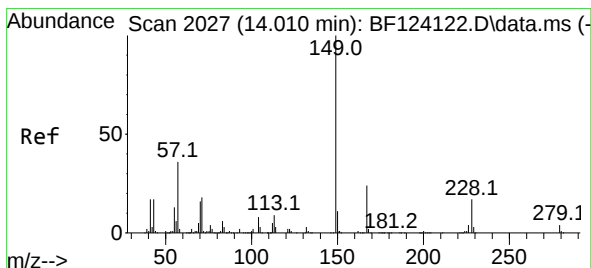
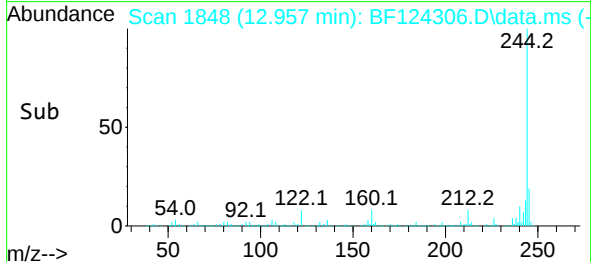
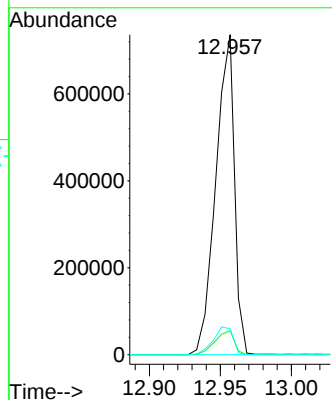


#79
 Terphenyl-d14
 Concen: 100.685 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF124306.D
 Acq: 14 Jun 2021 15:00

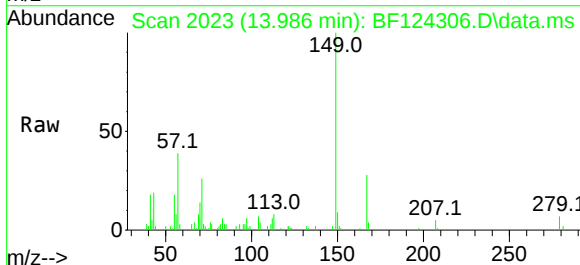
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(X)



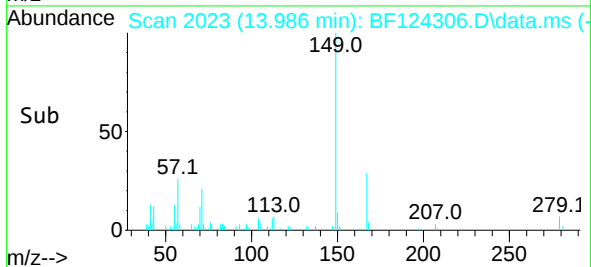
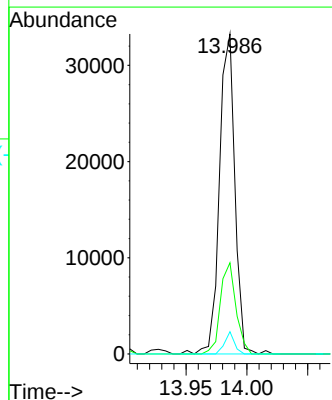
Tgt Ion:244 Resp: 670623
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.1 9.7 14.5#

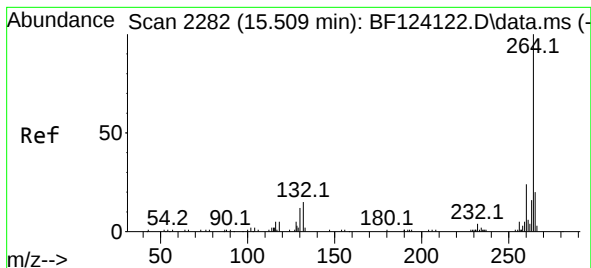


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.921 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. 0.000 min
 Lab File: BF124306.D
 Acq: 14 Jun 2021 15:00



Tgt Ion:149 Resp: 29329
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.6
 279 7.0 3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF124306.D

Acq: 14 Jun 2021 15:00

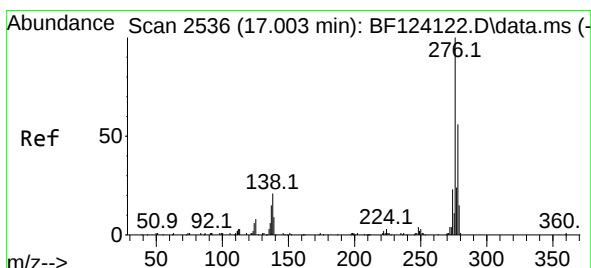
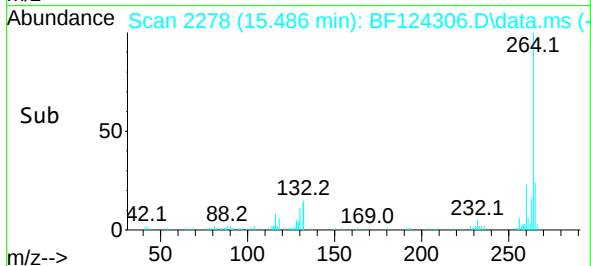
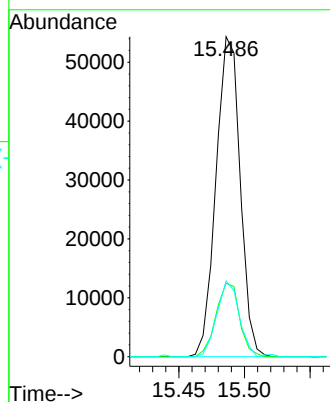
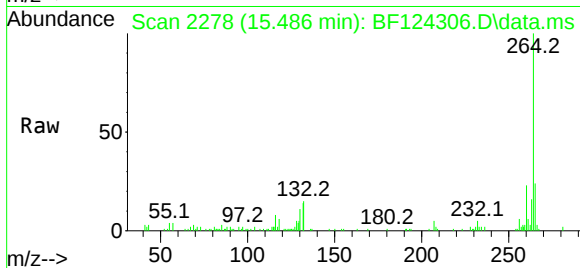
Tgt Ion:264 Resp: 69444

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 23.7 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.353 ng

RT: 16.992 min Scan# 2534

Delta R.T. 0.006 min

Lab File: BF124306.D

Acq: 14 Jun 2021 15:00

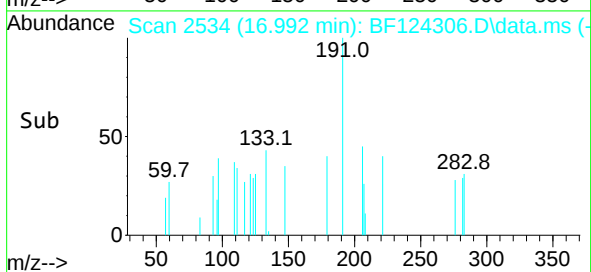
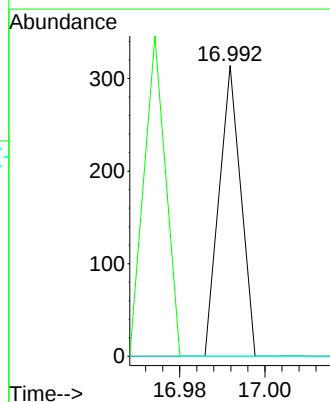
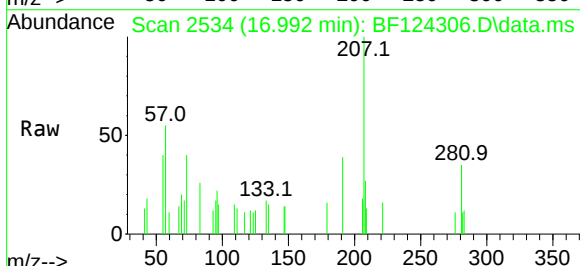
Tgt Ion:276 Resp: 111

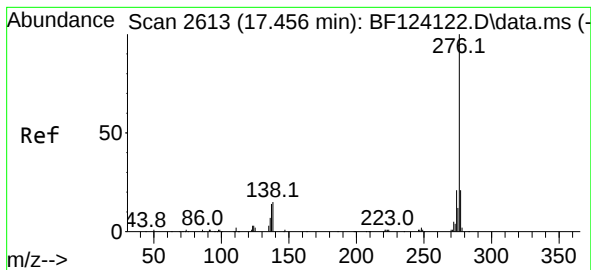
Ion Ratio Lower Upper

276 100

138 109.9 16.2 24.2#

277 0.0 20.1 30.1#





#92

Benzo(g,h,i)perylene

Concen: 3.828 ng

RT: 17.515 min Scan# 2623

Delta R.T. 0.076 min

Lab File: BF124306.D

Acq: 14 Jun 2021 15:00

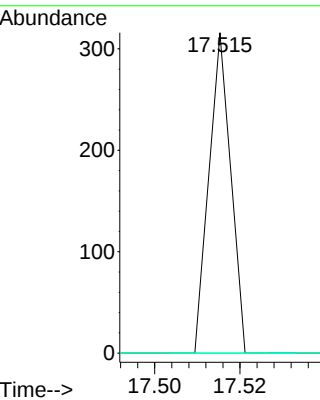
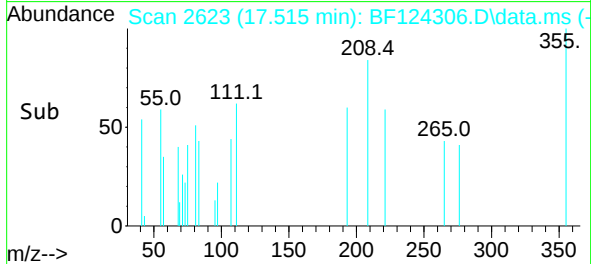
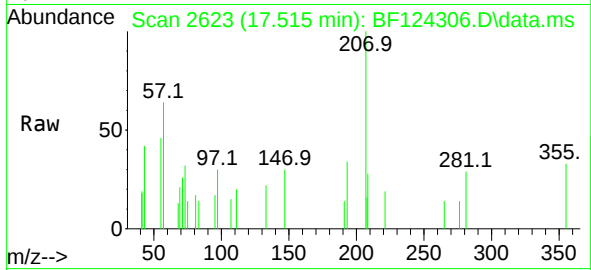
Tgt Ion: 276 Resp: 111

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 13.8 20.6#



Instrument :

BNA_F

ClientSampleId :

18-B12(X)