

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124303.D
 Acq On : 14 Jun 2021 13:22
 Operator : JU/CG
 Sample : M2626-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(222-226)

Quant Time: Jun 14 13:47:33 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)

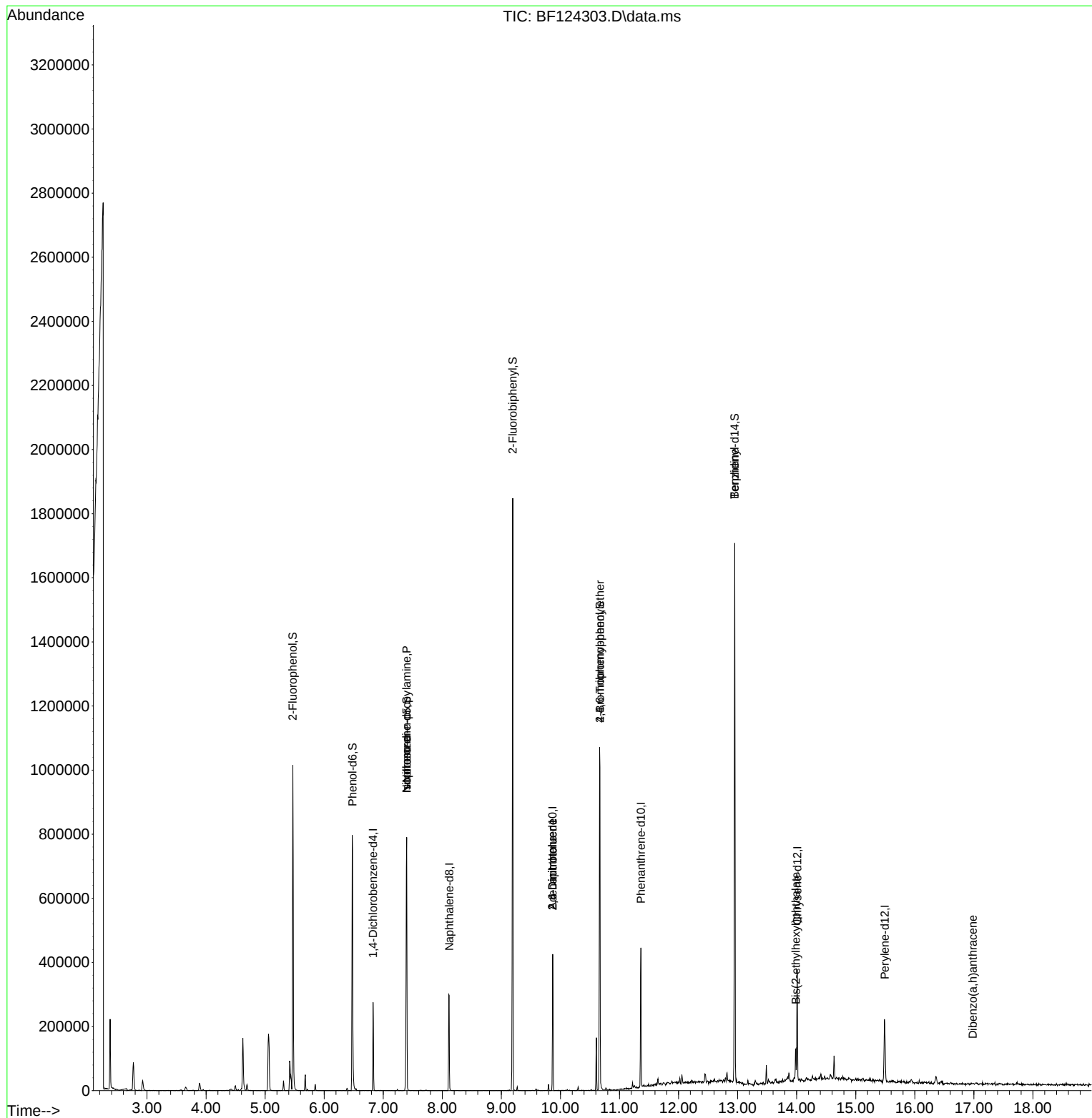
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	31621	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	129083	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	72569	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	135784	20.000	ng	0.00
76) Chrysene-d12	14.009	240	100886	20.000	ng	0.00
86) Perylene-d12	15.492	264	81494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	222443	105.896	ng	0.01
7) Phenol-d6	6.481	99	236628	83.806	ng	0.00
23) Nitrobenzene-d5	7.398	82	252998	77.735	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	121444	118.122	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	465438	80.708	ng	0.00
79) Terphenyl-d14	12.951	244	471721	64.196	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	34868	17.494	ng	# 65
25) Isophorone	7.398	82	251377	42.861	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	9711	7.054	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	9711	5.349	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	8489	4.555	ng	# 1
77) Benzidine	12.951	184	9214	7.648	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	23104	4.942	ng	# 91
91) Dibenzo(a,h)anthracene	16.980	278	141	4.197	ng	# 57

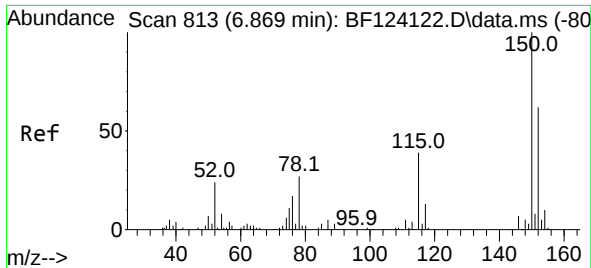
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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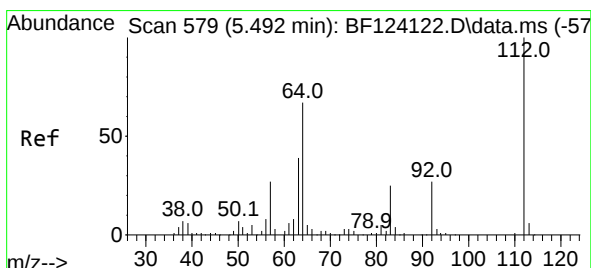
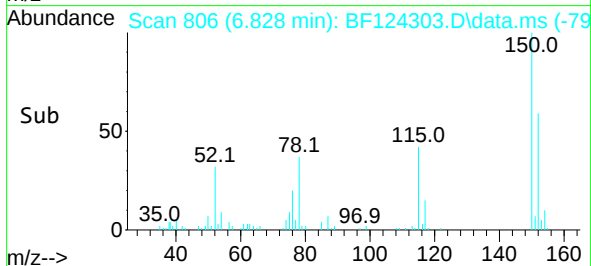
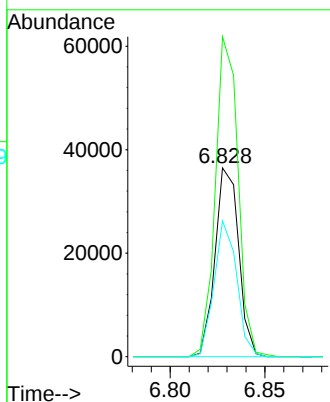
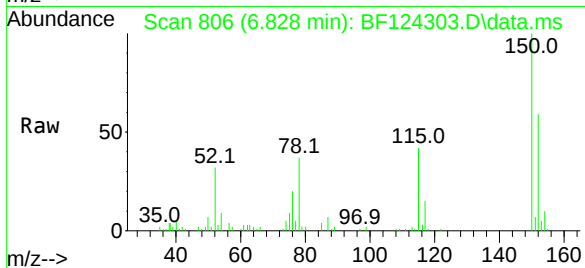




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

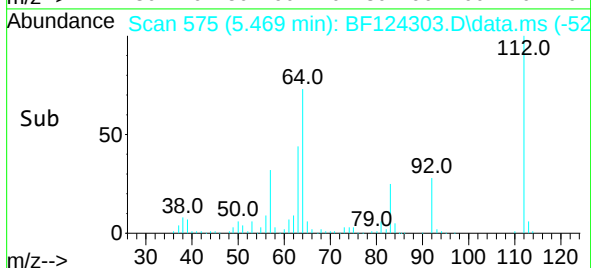
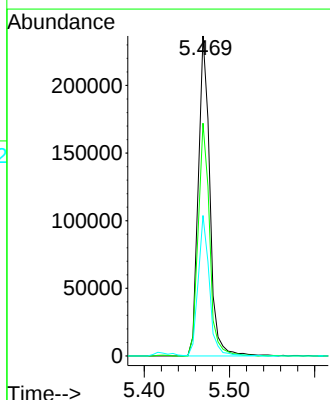
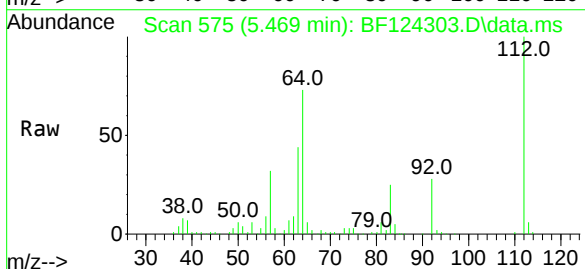
Instrument :
BNA_F
ClientSampleId :
18-B12(222-226)

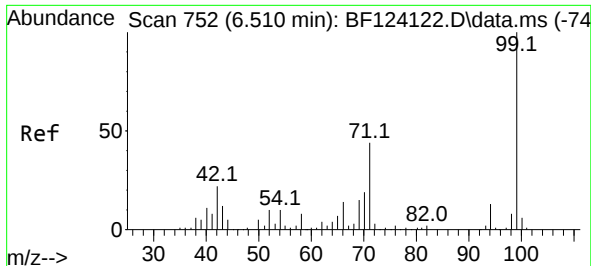
Tgt Ion:152 Resp: 31621
Ion Ratio Lower Upper
152 100
150 169.5 127.0 190.6
115 72.0 54.3 81.5



#5
2-Fluorophenol
Concen: 105.896 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion:112 Resp: 222443
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 43.9 33.0 49.4

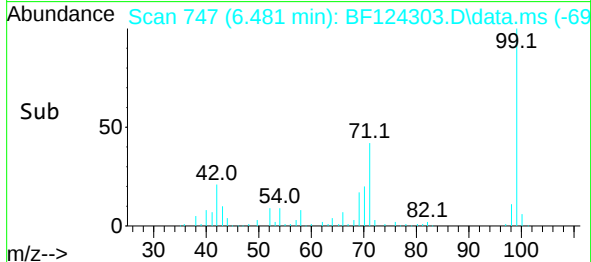
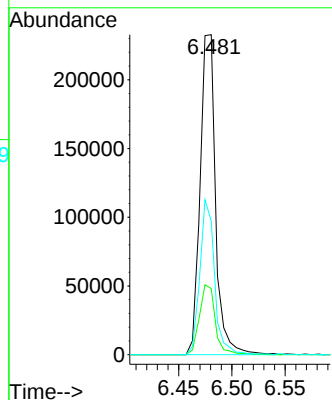
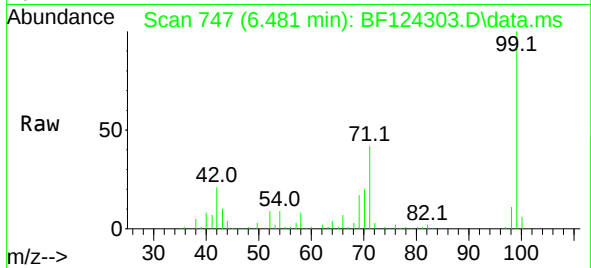




#7
Phenol-d6
Concen: 83.806 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

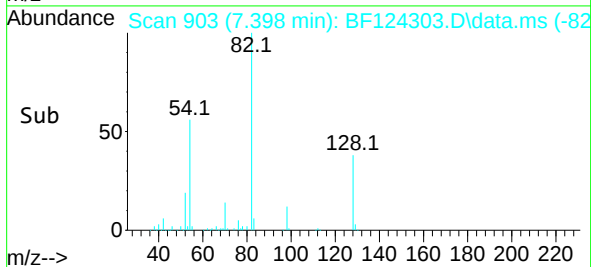
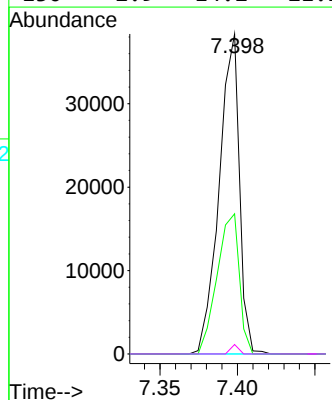
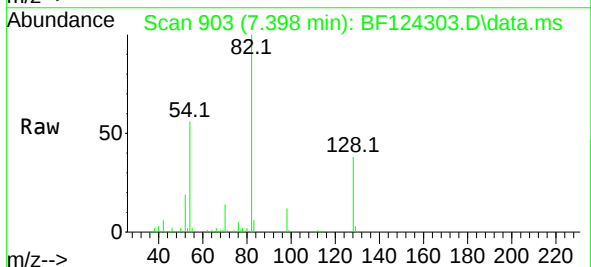
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BNA_F
ClientSampleId :
18-B12(222-226)

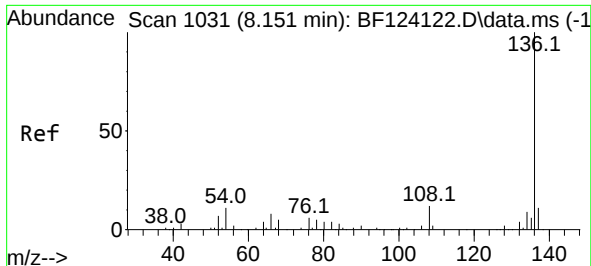
Tgt Ion: 99 Resp: 236628
Ion Ratio Lower Upper
99 100
42 20.7 19.8 29.8
71 41.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.494 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

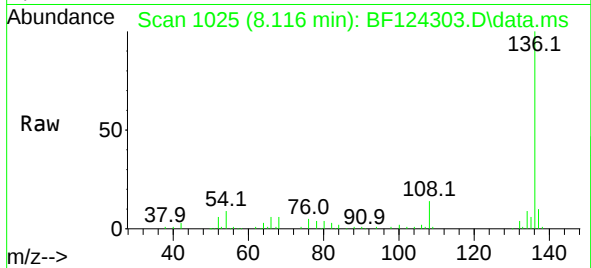
Tgt Ion: 70 Resp: 34868
Ion Ratio Lower Upper
70 100
42 43.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.9 14.2 21.2#



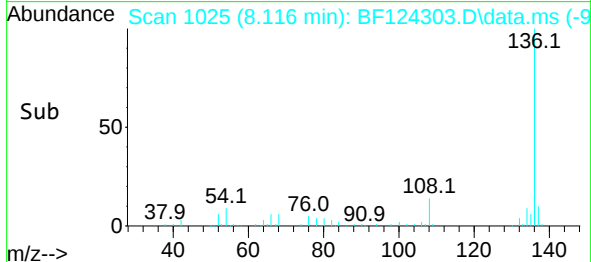
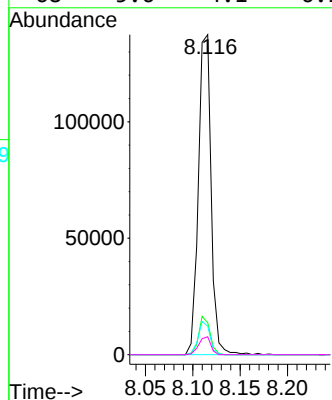


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Instrument :
BNA_F
ClientSampleId :
18-B12(222-226)

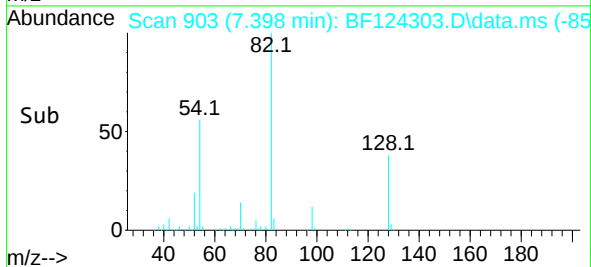
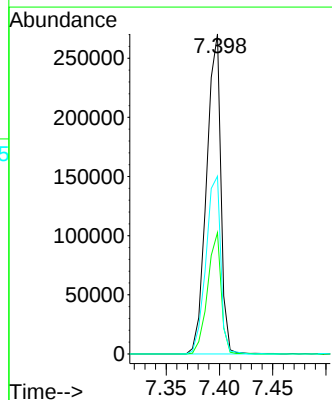
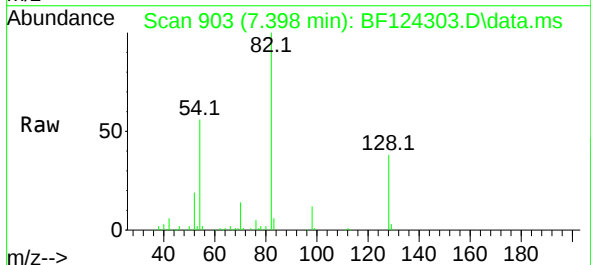


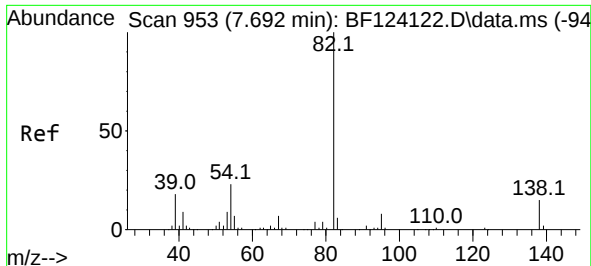
Tgt Ion:136	Resp:	129083
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.7 13.1
54	8.9	9.8 14.6#
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 77.735 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion: 82	Resp:	252998
Ion	Ratio	Lower Upper
82	100	
128	37.9	29.4 44.2
54	55.5	54.1 81.1

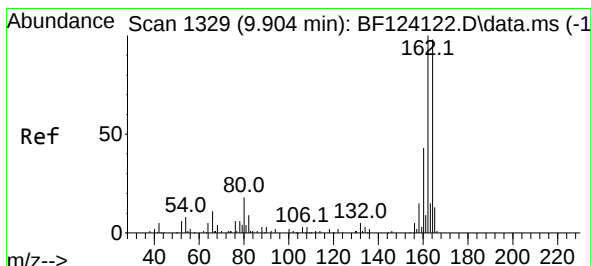
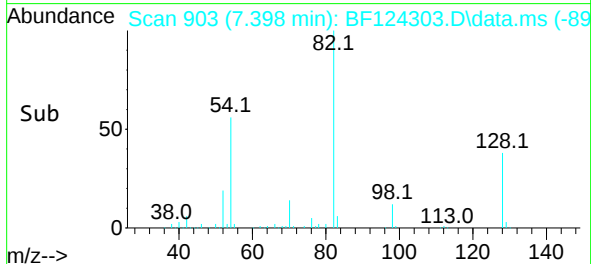
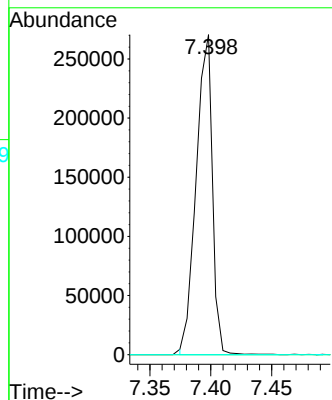
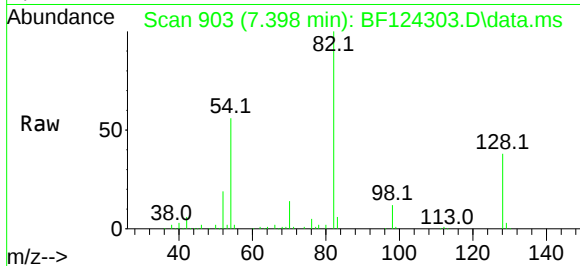




#25
Isophorone
Concen: 42.861 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

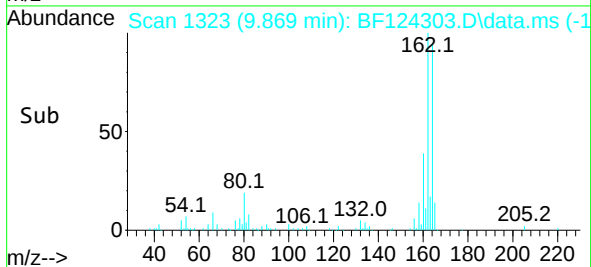
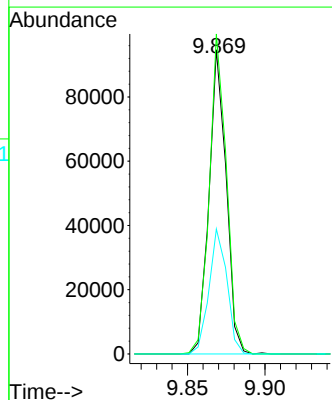
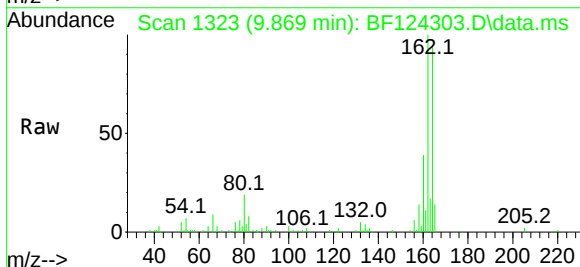
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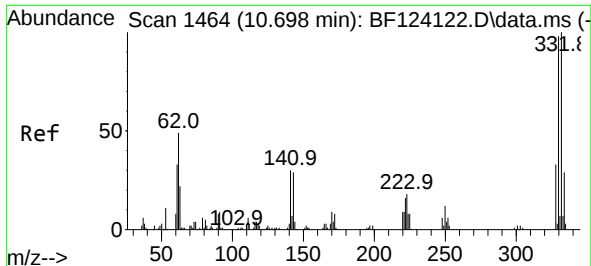
Tgt Ion: 82 Resp: 251377
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion: 164 Resp: 72569
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 41.1 37.3 55.9

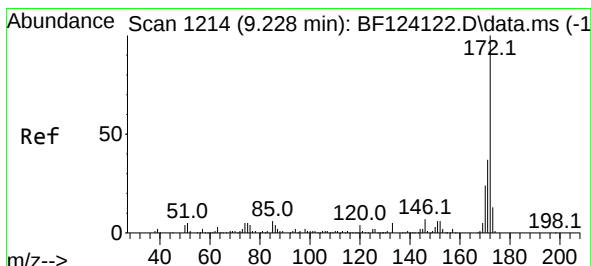
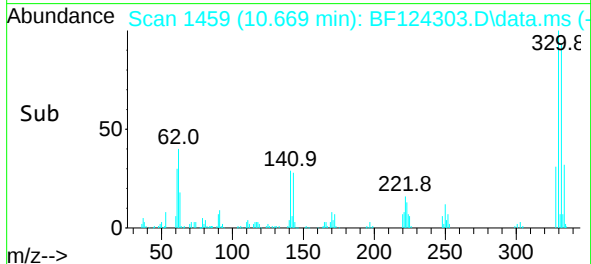
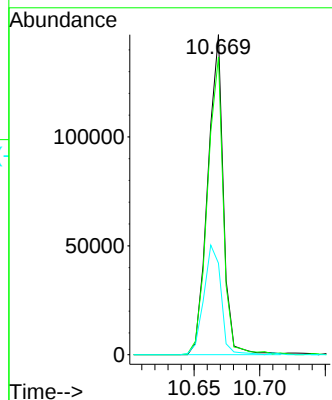
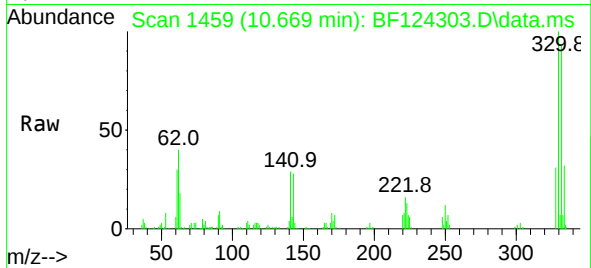




#42
2,4,6-Tribromophenol
Concen: 118.122 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

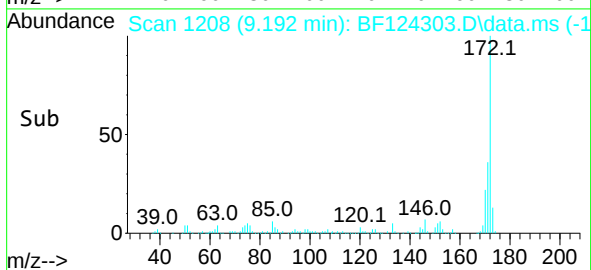
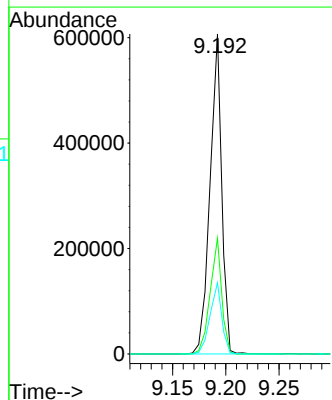
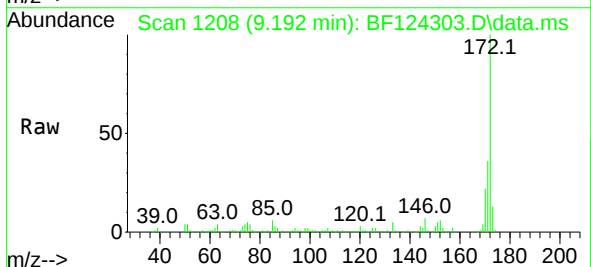
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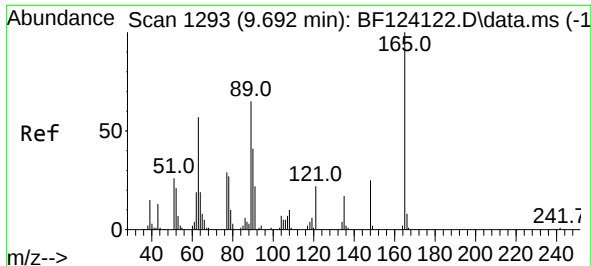
Tgt Ion: 330 Resp: 121444
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 37.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.708 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion: 172 Resp: 465438
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 22.3 19.2 28.8

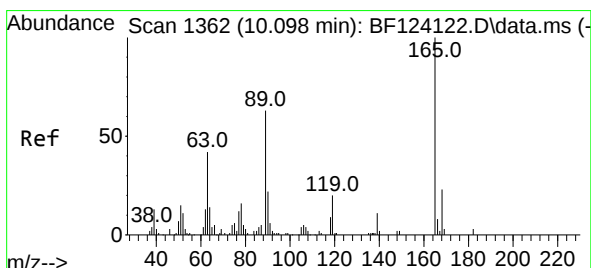
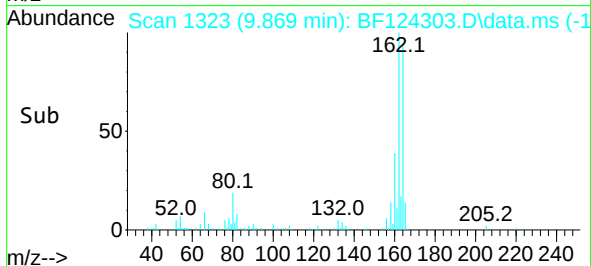
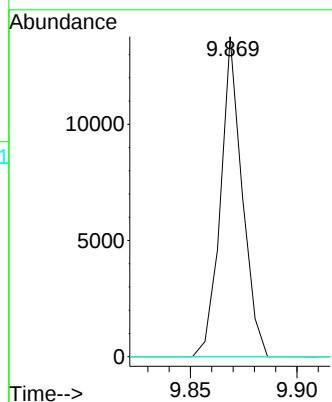
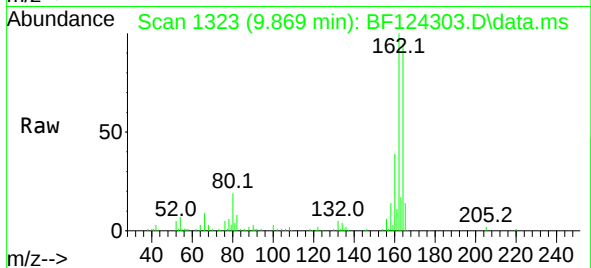




#51
2,6-Dinitrotoluene
Concen: 7.054 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

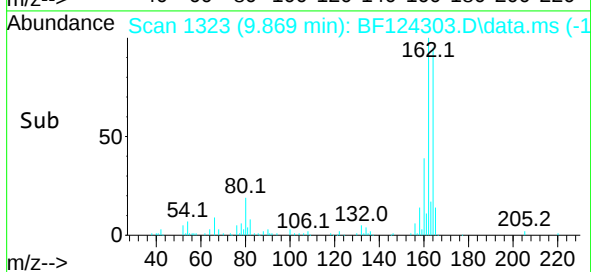
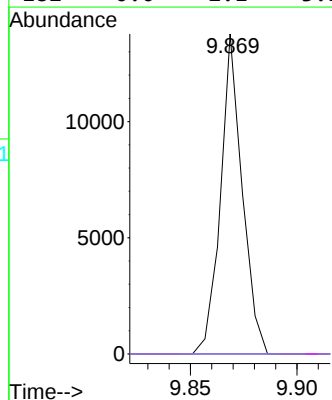
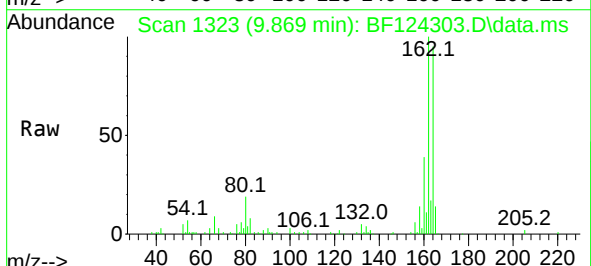
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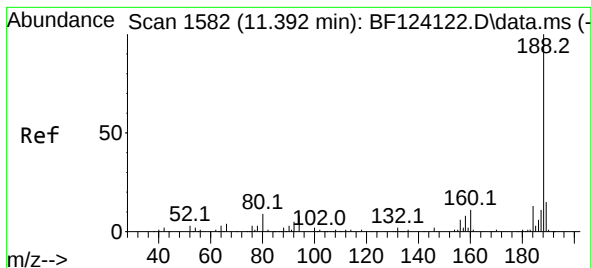
Tgt Ion:165 Resp: 9711
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.349 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion:165 Resp: 9711
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#

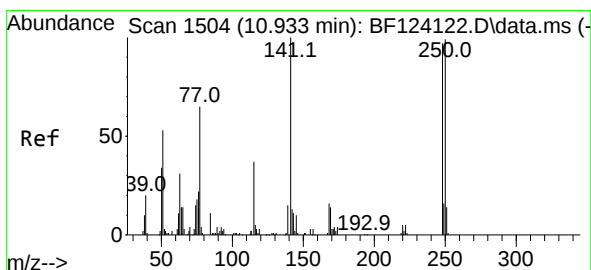
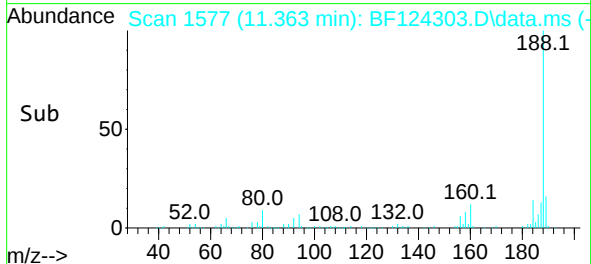
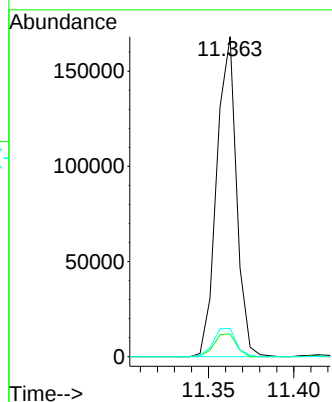
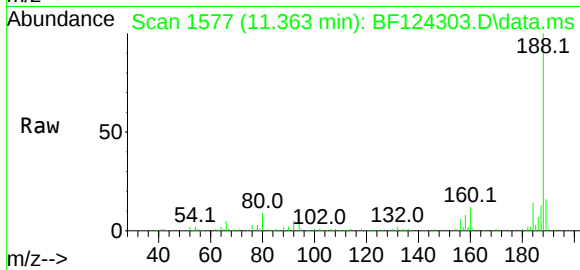




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

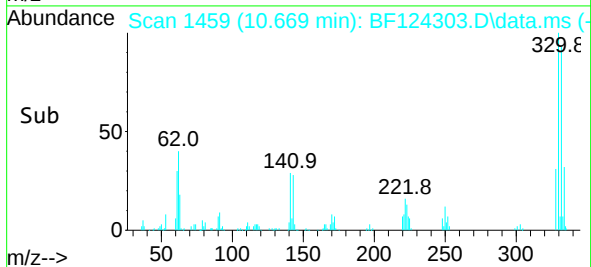
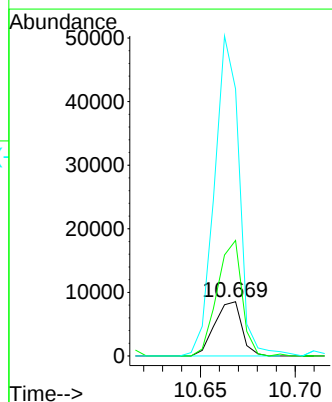
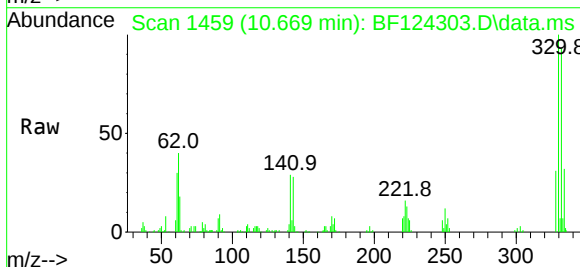
Instrument :
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18-B12(222-226)

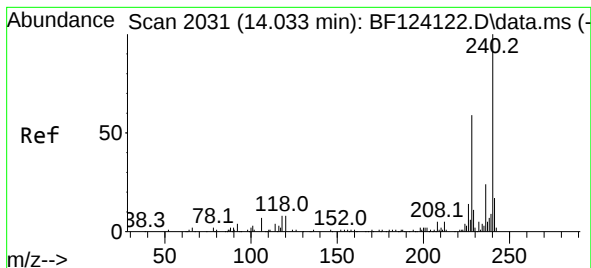
Tgt Ion:188 Resp: 135784
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion:248 Resp: 8489
Ion Ratio Lower Upper
248 100
250 212.6 77.4 116.2#
141 491.7 63.7 95.5#

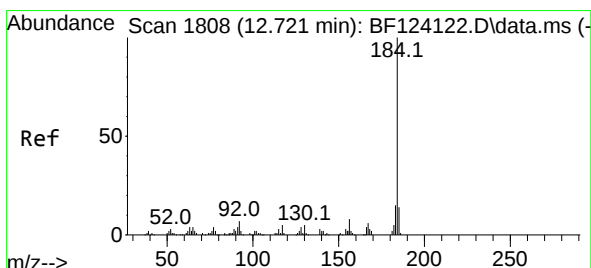
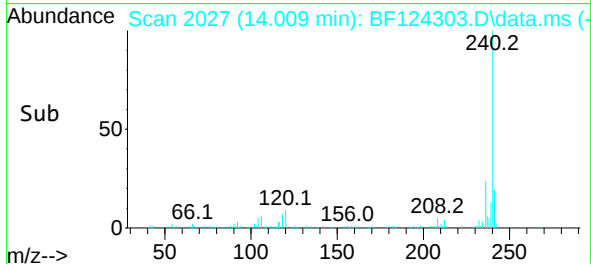
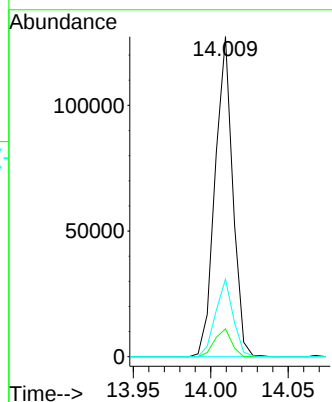
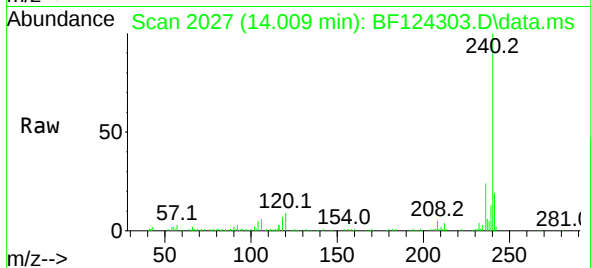




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

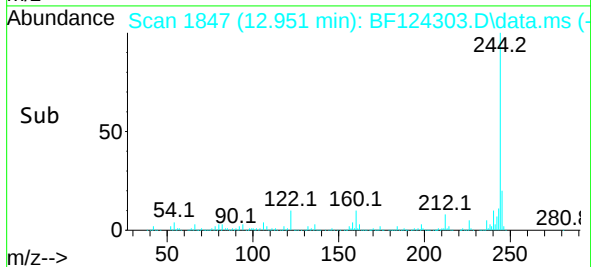
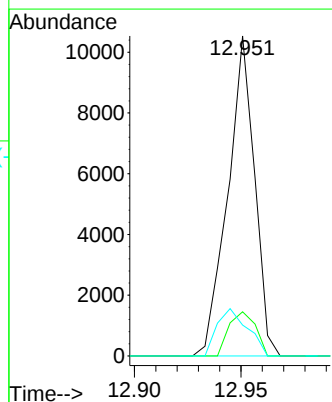
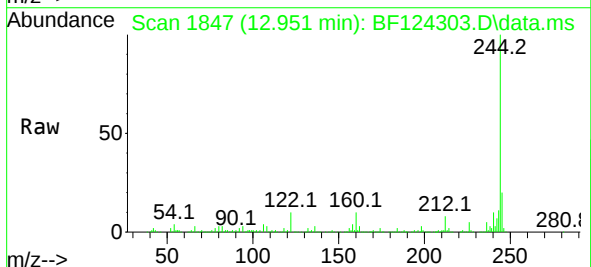
Instrument :
BNA_F
ClientSampleId :
18-B12(222-226)

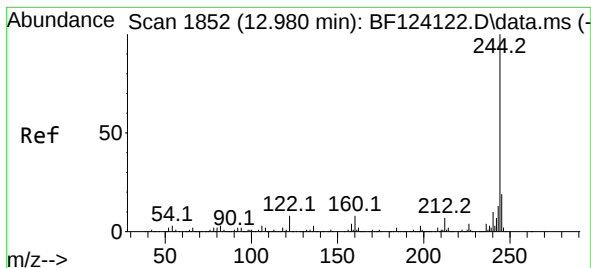
Tgt Ion:240 Resp: 100886
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.2 19.0 28.4



#77
Benzidine
Concen: 7.648 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion:184 Resp: 9214
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 9.7 7.8 11.8





#79

Terphenyl-d14

Concen: 64.196 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF124303.D

Acq: 14 Jun 2021 13:22

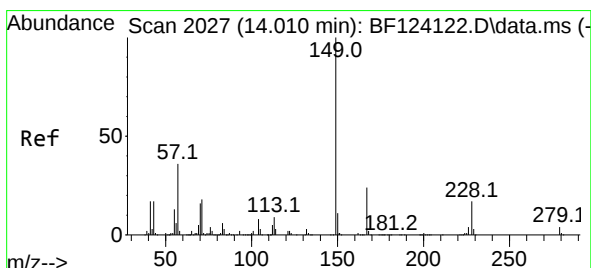
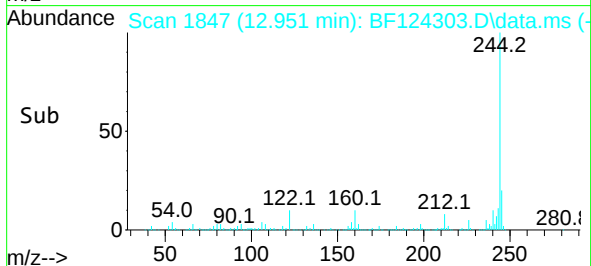
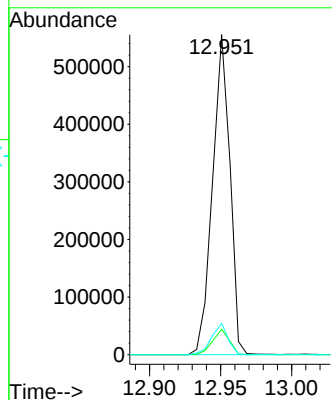
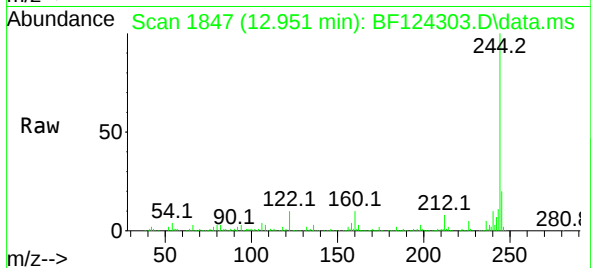
Tgt Ion:244 Resp: 471721

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 9.8 9.7 14.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.942 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF124303.D

Acq: 14 Jun 2021 13:22

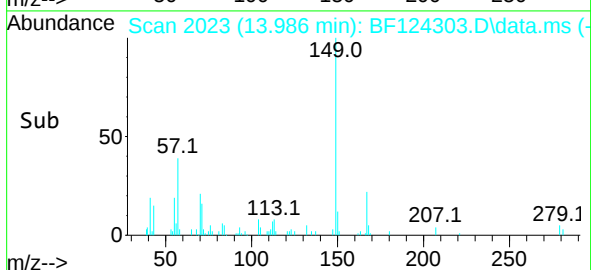
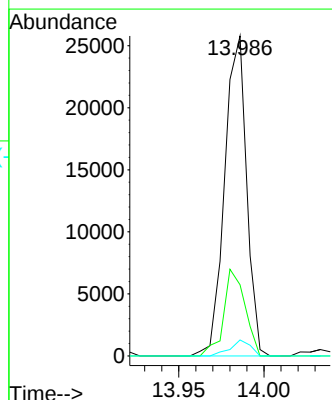
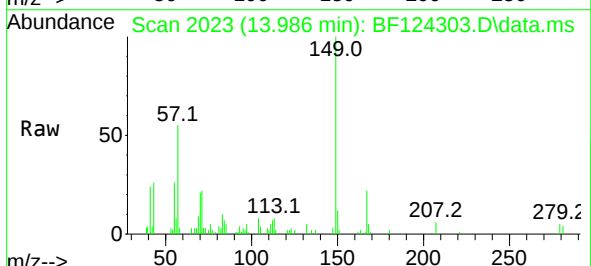
Tgt Ion:149 Resp: 23104

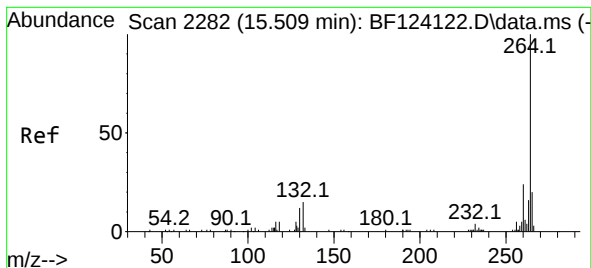
Ion Ratio Lower Upper

149 100

167 22.2 21.8 32.6

279 5.0 3.3 4.9#

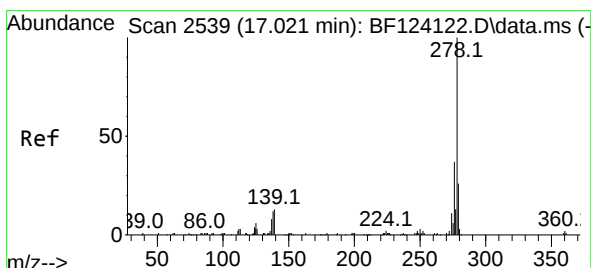
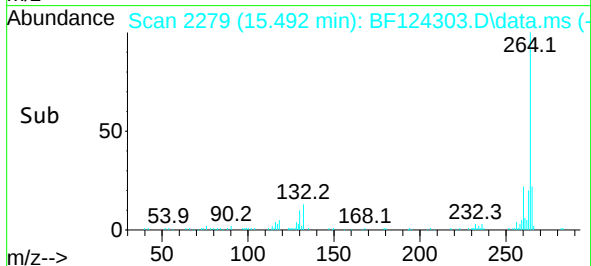
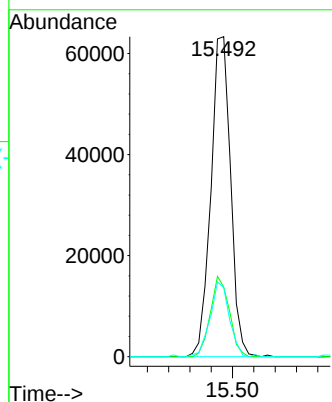
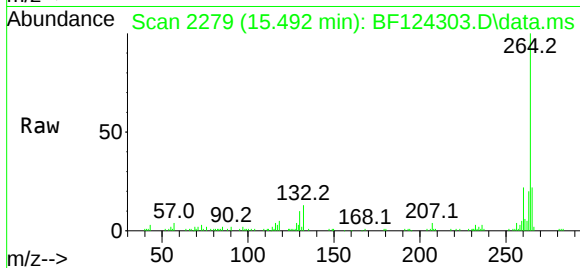




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Instrument :
BNA_F
ClientSampleId :
18-B12(222-226)

Tgt Ion:264	Resp:	81494
Ion Ratio	Lower	Upper
264	100	
260	21.8	18.7 28.1
265	21.6	17.8 26.8



#91
Dibenzo(a,h)anthracene
Concen: 4.197 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.018 min
Lab File: BF124303.D
Acq: 14 Jun 2021 13:22

Tgt Ion:278	Resp:	141
Ion Ratio	Lower	Upper
278	100	
139	0.0	10.2 15.2#
279	0.0	19.4 29.0#

