

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124307.D
 Acq On : 14 Jun 2021 15:33
 Operator : JU/CG
 Sample : M2626-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(XX)

Quant Time: Jun 14 16:02:36 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)

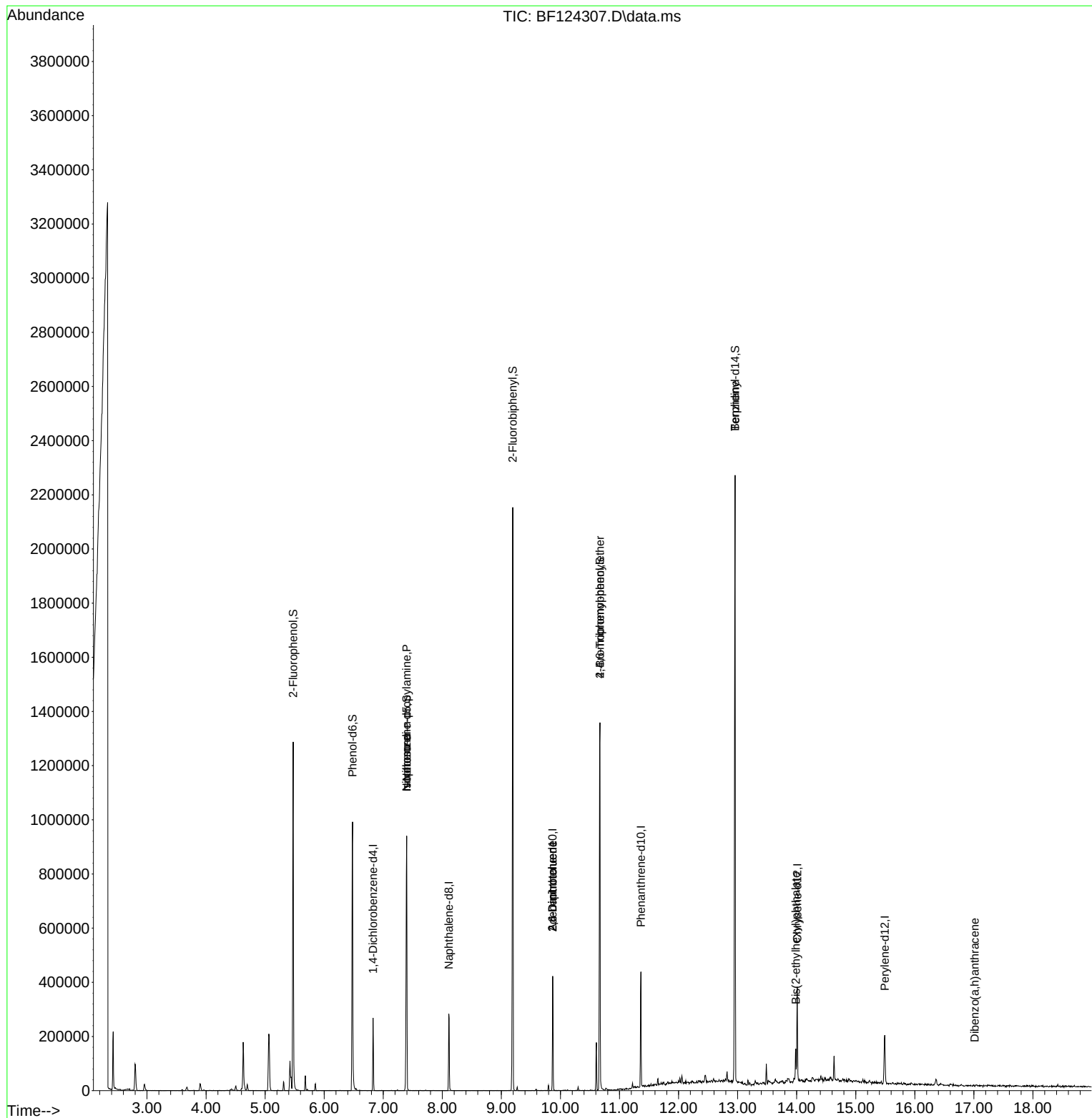
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	30109	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	119668	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	71340	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	135731	20.000	ng	0.00
76) Chrysene-d12	14.009	240	101163	20.000	ng	0.00
86) Perylene-d12	15.492	264	71106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	276450	138.215	ng	0.02
7) Phenol-d6	6.481	99	303075	112.730	ng	0.00
23) Nitrobenzene-d5	7.398	82	303425	100.563	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	150824	149.225	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	576332	101.659	ng	0.00
79) Terphenyl-d14	12.957	244	696100	94.473	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	41376	21.801	ng	# 64
25) Isophorone	7.398	82	303421	55.805	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	8977	6.633	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	8977	5.030	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	10394	5.579	ng	# 1
77) Benzidine	12.957	184	12078	8.750	ng	# 75
84) Bis(2-ethylhexyl)phtha...	13.986	149	30861	6.584	ng	92
91) Dibenzo(a,h)anthracene	17.015	278	120	4.197	ng	# 57

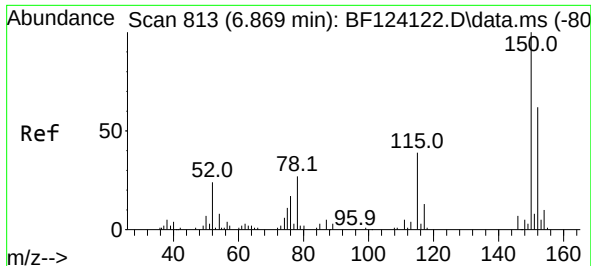
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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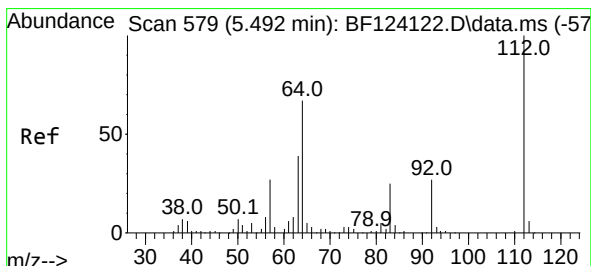
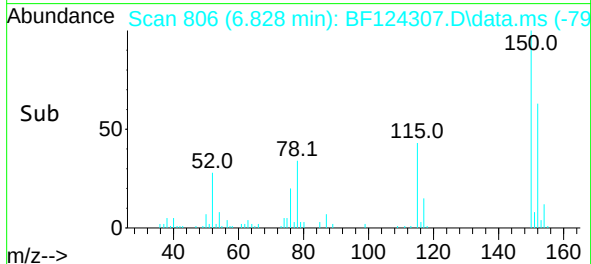
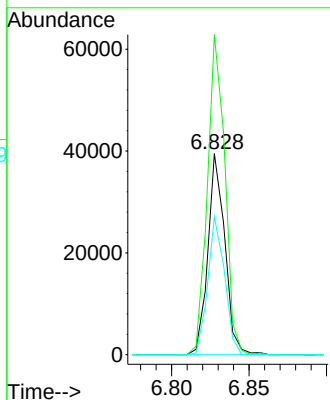
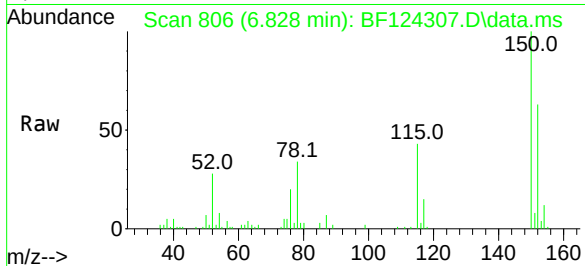




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

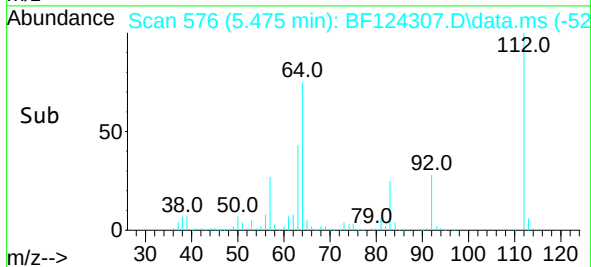
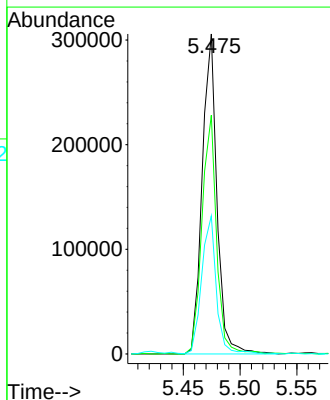
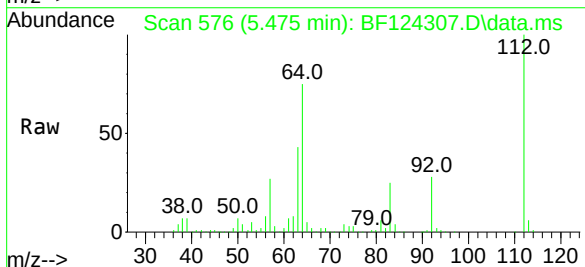
Instrument :
BNA_F
ClientSampleId :
18-B12(XX)

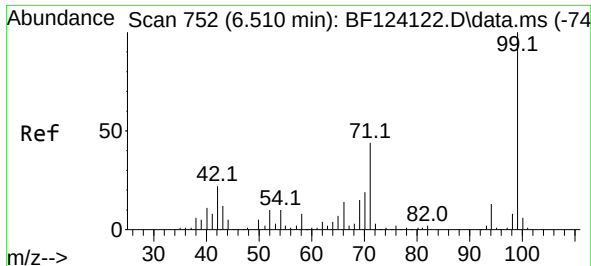
Tgt Ion:152 Resp: 30109
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 68.5 54.3 81.5



#5
2-Fluorophenol
Concen: 138.215 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:112 Resp: 276450
Ion Ratio Lower Upper
112 100
64 74.6 61.4 92.0
63 43.2 33.0 49.4

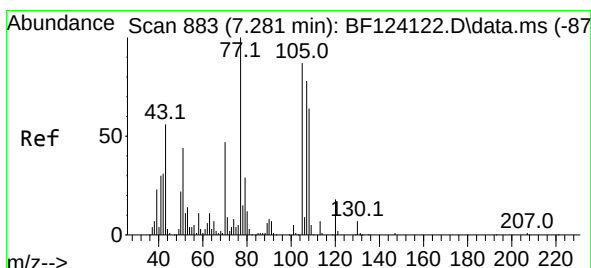
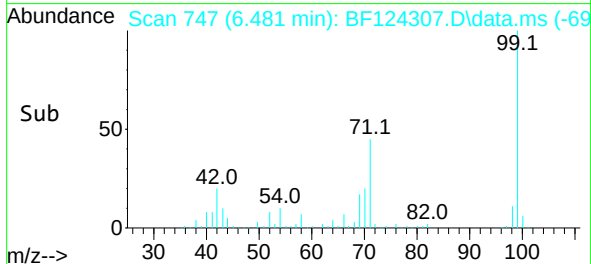
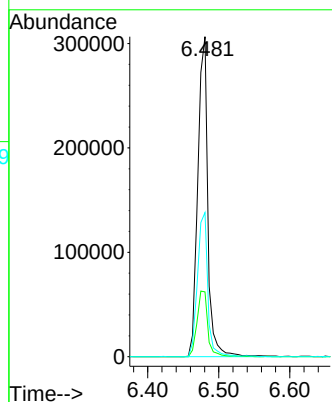
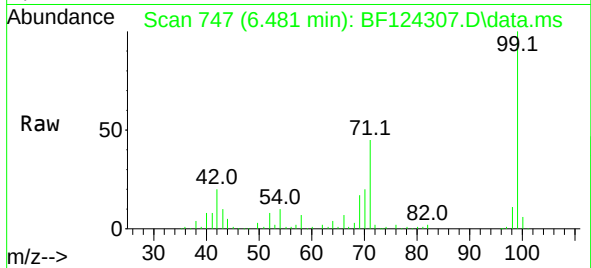




#7
Phenol-d6
Concen: 112.730 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

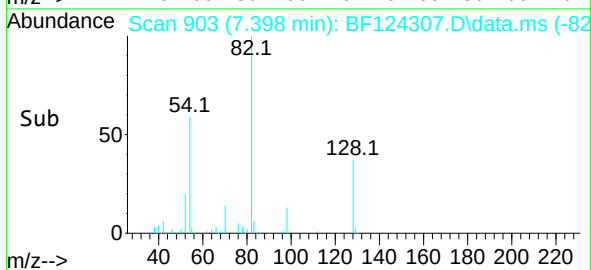
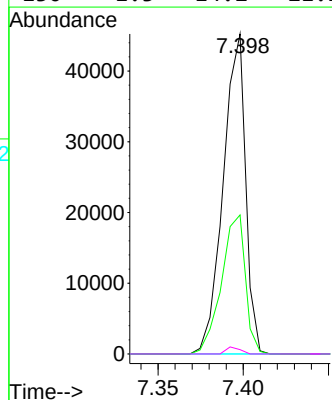
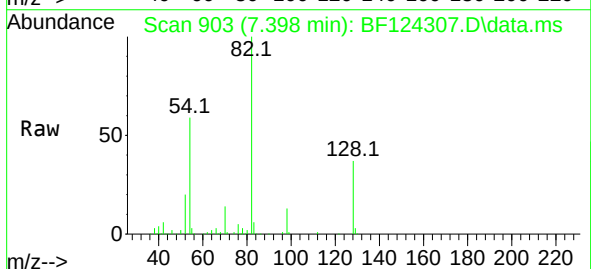
Instrument :
BNA_F
ClientSampleId :
18-B12(XX)

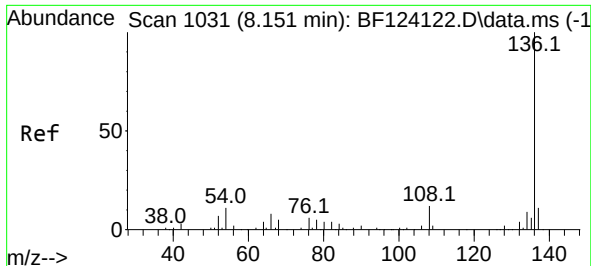
Tgt Ion: 99 Resp: 303075
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 45.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.801 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

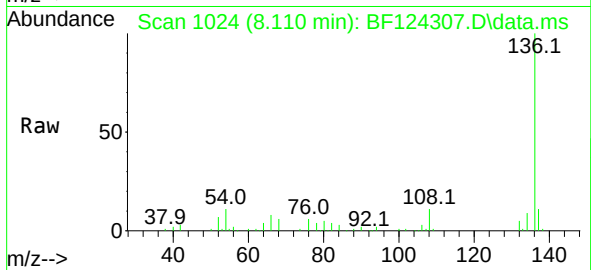
Tgt Ion: 70 Resp: 41376
Ion Ratio Lower Upper
70 100
42 43.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



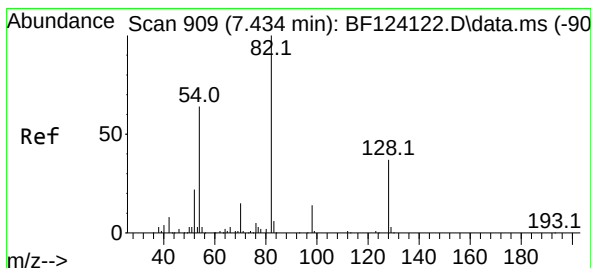
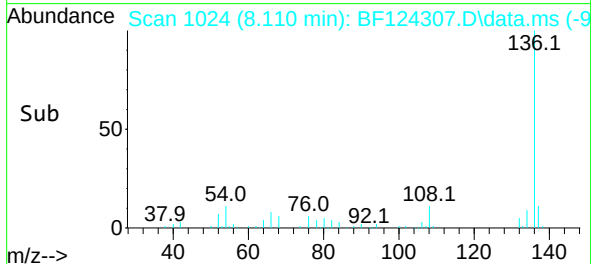
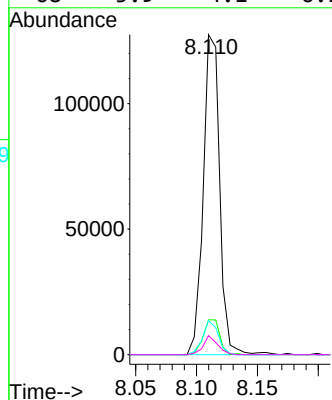


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Instrument :
BNA_F
ClientSampleId :
18-B12(XX)

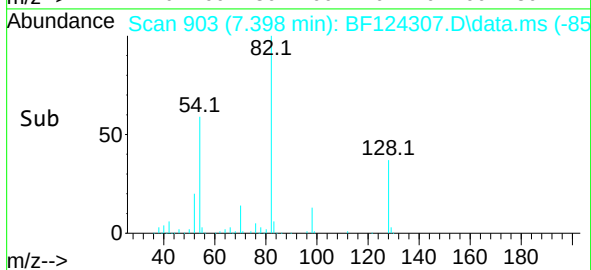
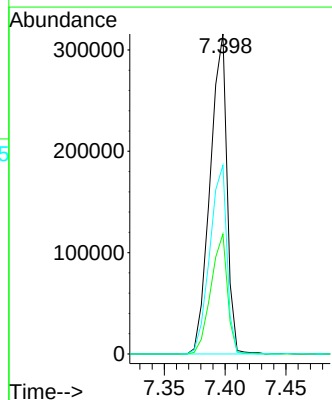
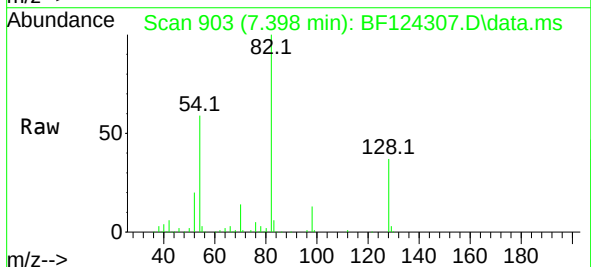


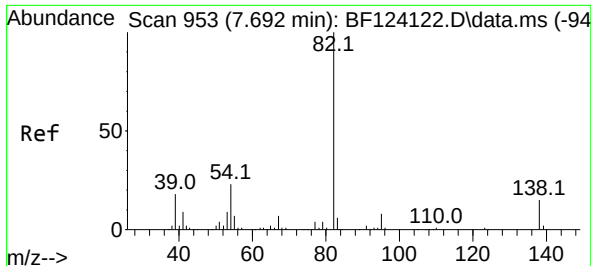
Tgt Ion:136	Resp: 119668
Ion Ratio	Lower Upper
136	100
137	10.9 8.7 13.1
54	10.7 9.8 14.6
68	5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 100.563 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion: 82	Resp: 303425
Ion Ratio	Lower Upper
82	100
128	37.5 29.4 44.2
54	58.9 54.1 81.1

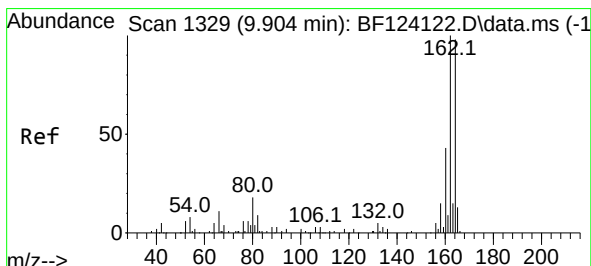
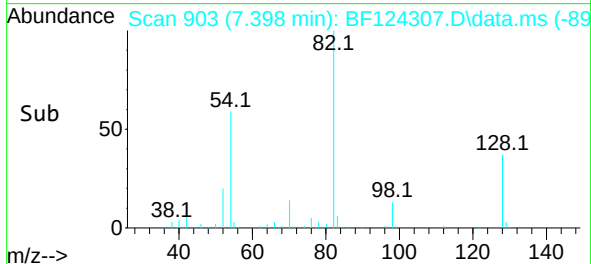
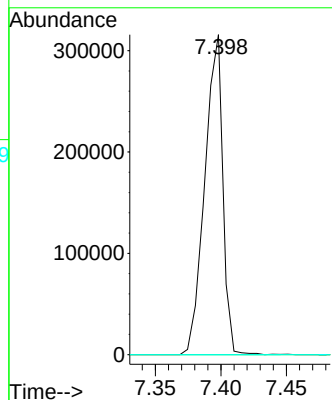
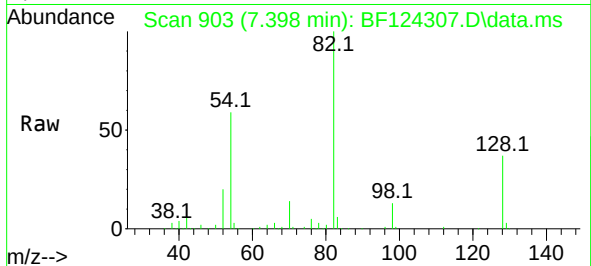




#25
Isophorone
Concen: 55.805 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

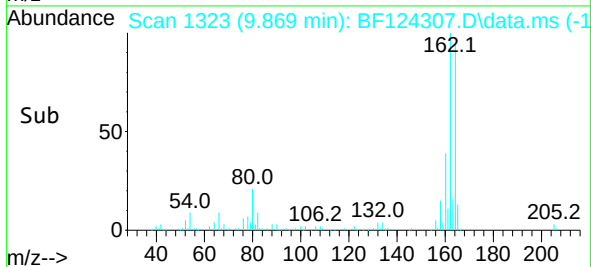
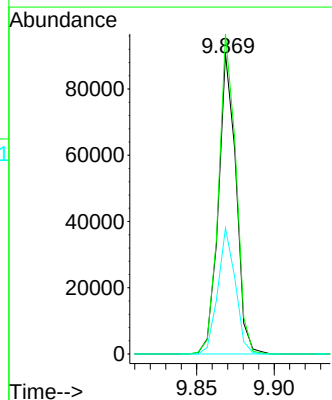
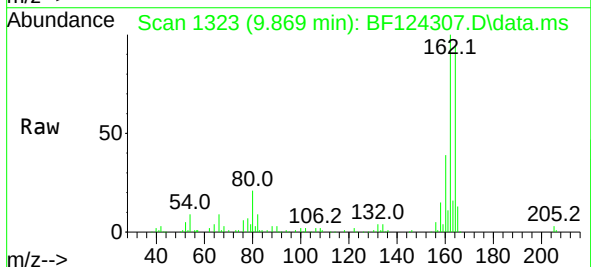
Instrument :
BNA_F
ClientSampleId :
18-B12(XX)

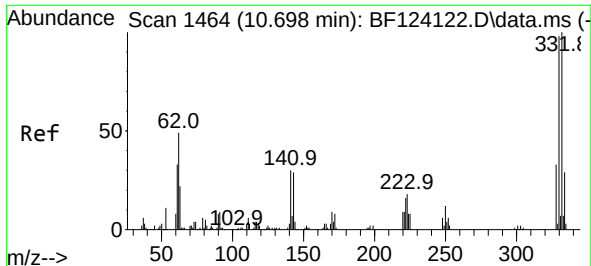
Tgt Ion: 82 Resp: 303421
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:164 Resp: 71340
Ion Ratio Lower Upper
164 100
162 106.5 80.7 121.1
160 42.0 37.3 55.9

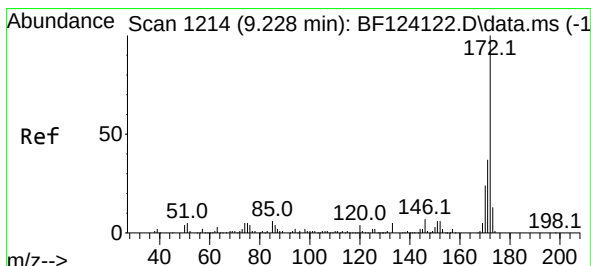
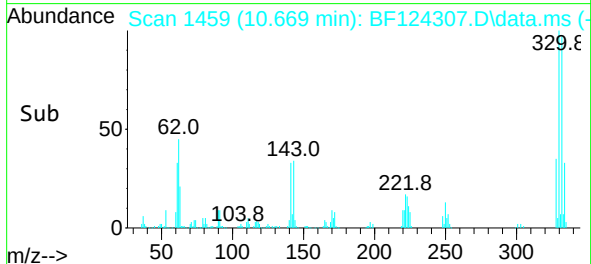
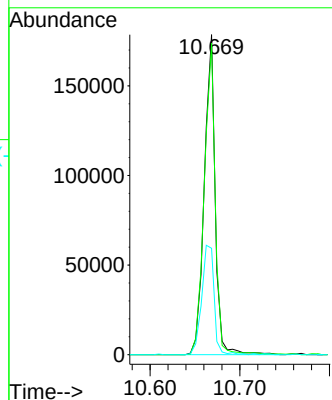
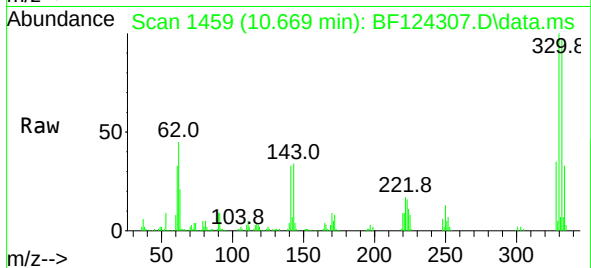




#42
2,4,6-Tribromophenol
Concen: 149.225 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

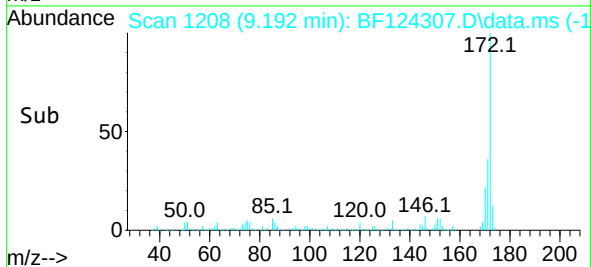
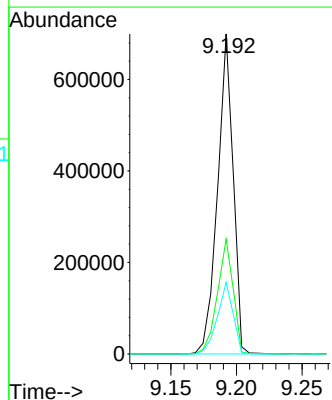
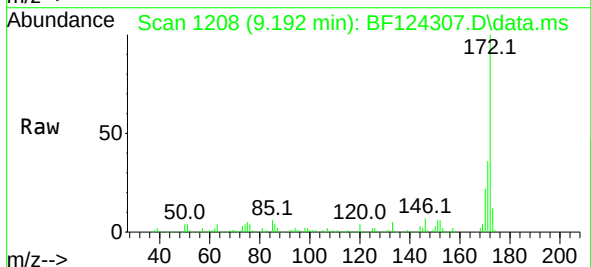
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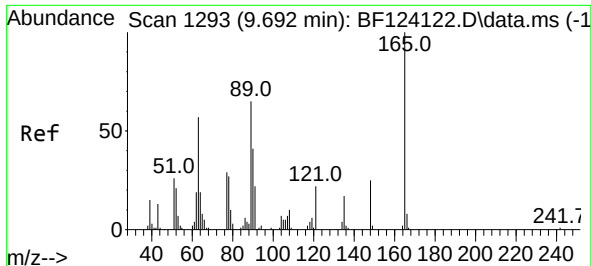
Tgt Ion:330 Resp: 150824
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 101.659 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:172 Resp: 576332
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 22.4 19.2 28.8

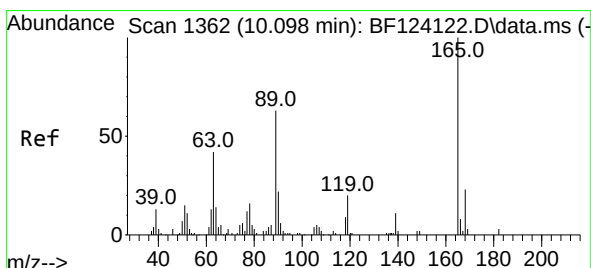
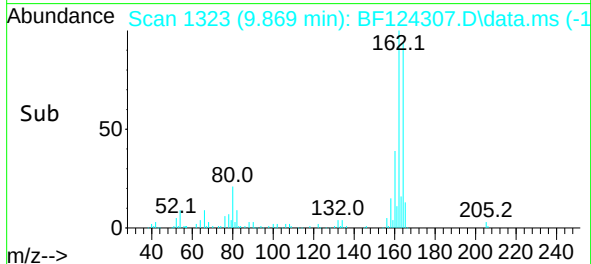
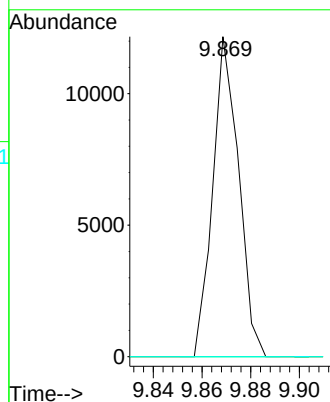
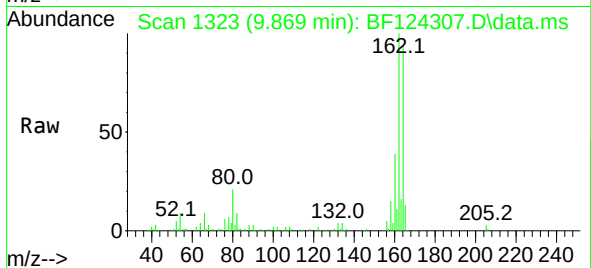




#51
2,6-Dinitrotoluene
Concen: 6.633 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

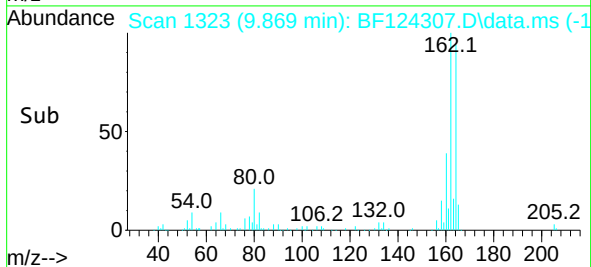
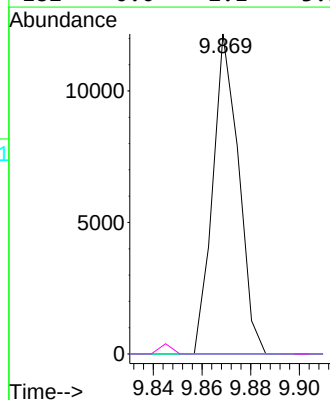
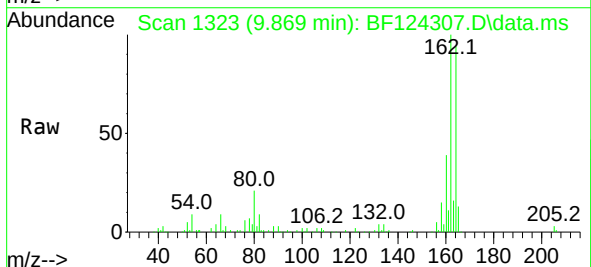
Instrument :
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18-B12(XX)

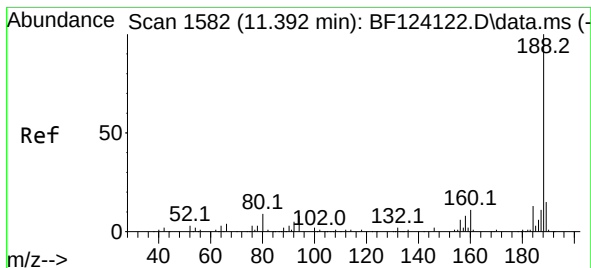
Tgt Ion:165 Resp: 8977
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:165 Resp: 8977
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#

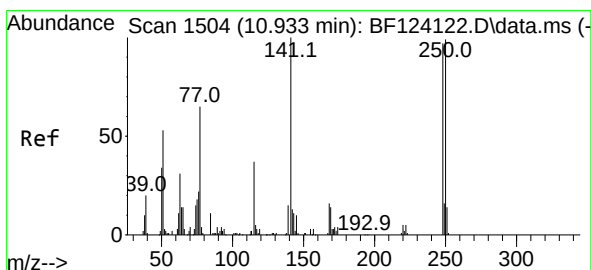
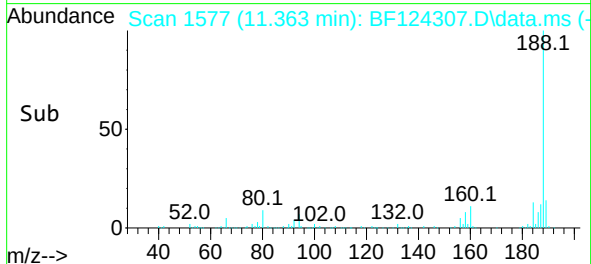
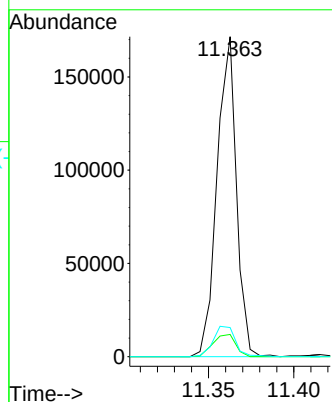
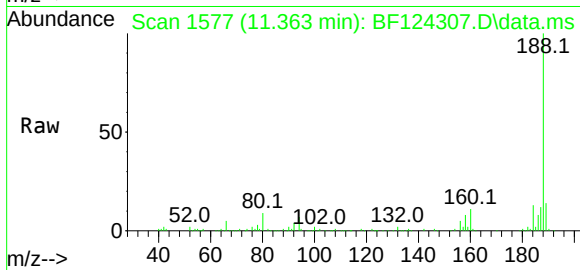




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

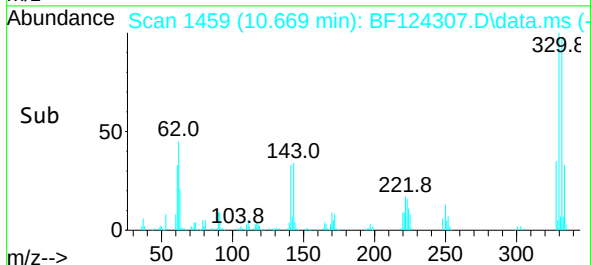
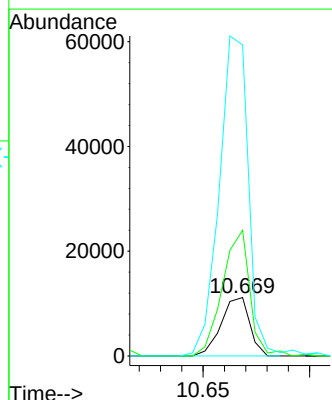
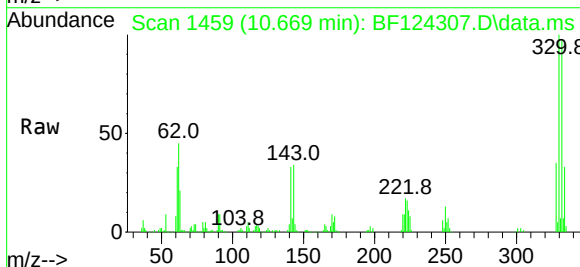
Instrument :
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18-B12(XX)

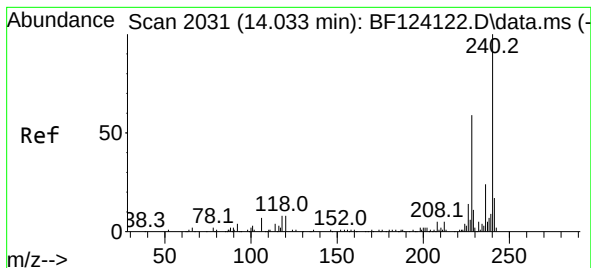
Tgt Ion:188 Resp: 135731
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.579 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:248 Resp: 10394
Ion Ratio Lower Upper
248 100
250 215.1 77.4 116.2#
141 532.1 63.7 95.5#

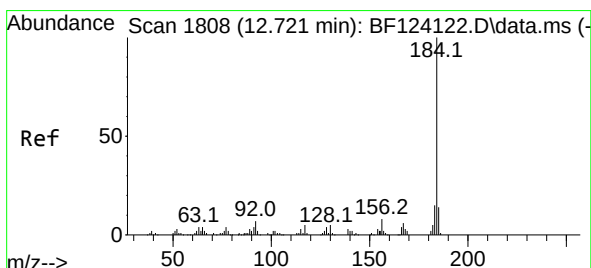
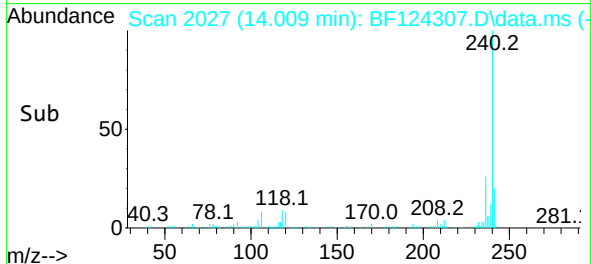
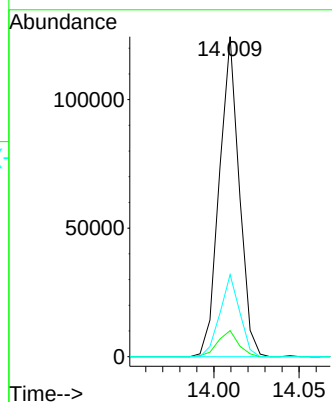
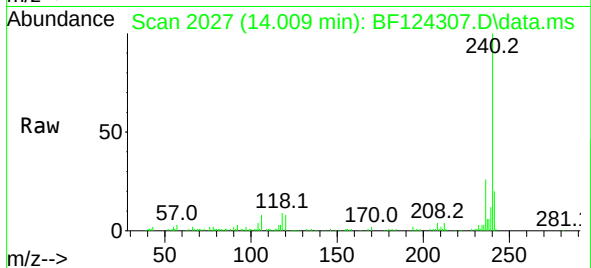




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

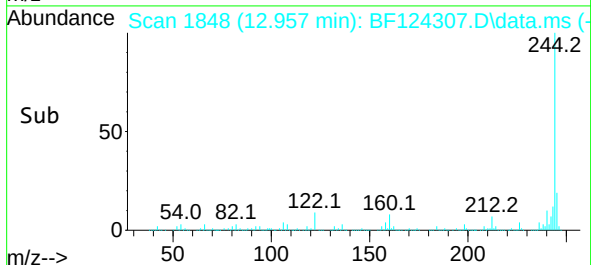
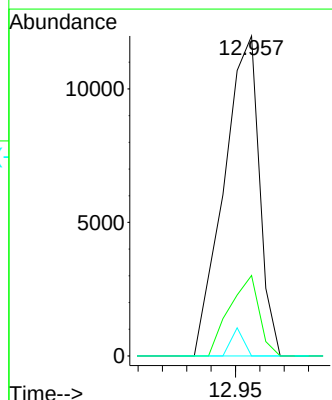
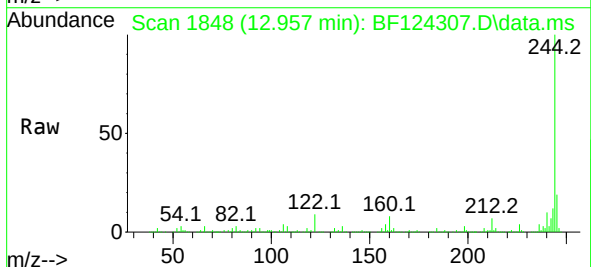
Instrument :
BNA_F
ClientSampleId :
18-B12(XX)

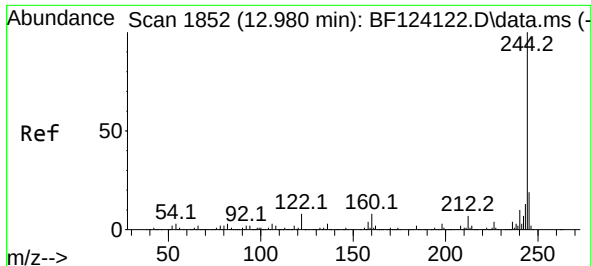
Tgt Ion:240 Resp: 101163
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.6 19.0 28.4



#77
Benzidine
Concen: 8.750 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:184 Resp: 12078
Ion Ratio Lower Upper
184 100
185 25.1 12.1 18.1#
183 0.0 7.8 11.8#

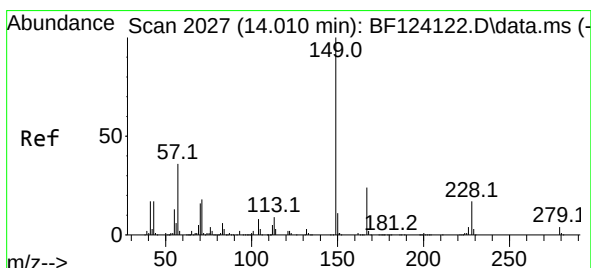
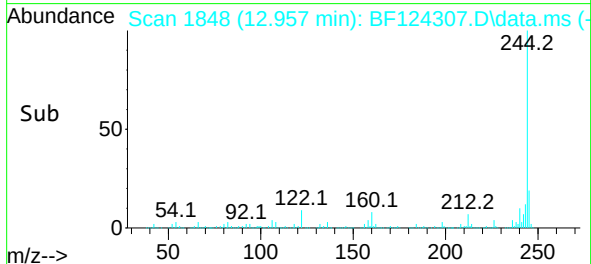
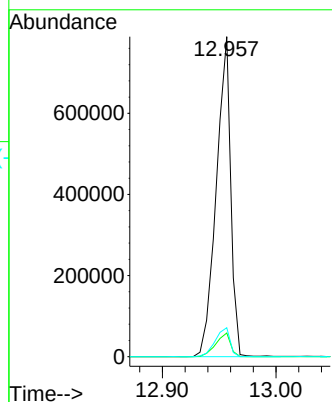
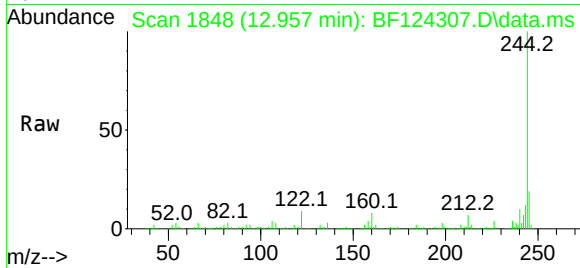




#79
 Terphenyl-d14
 Concen: 94.473 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF124307.D
 Acq: 14 Jun 2021 15:33

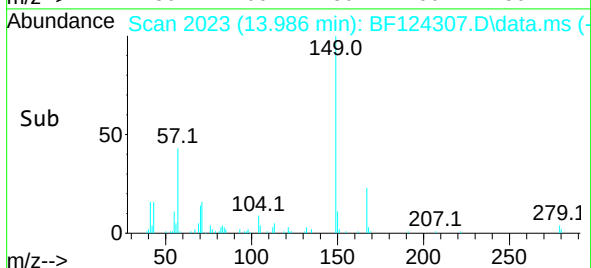
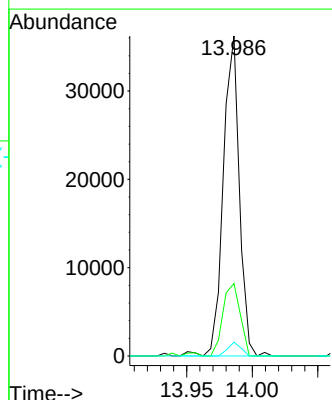
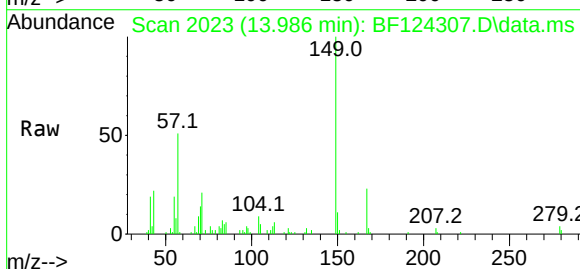
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(XX)

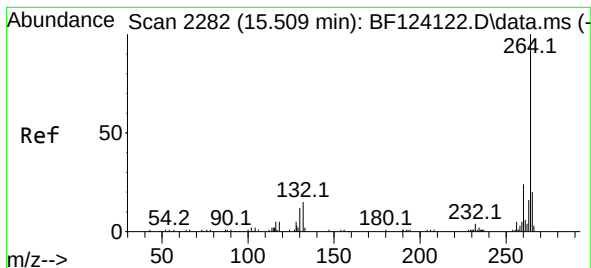
Tgt Ion:244 Resp: 696100
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.0 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.584 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.000 min
 Lab File: BF124307.D
 Acq: 14 Jun 2021 15:33

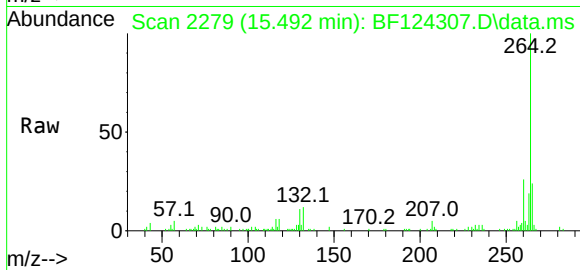
Tgt Ion:149 Resp: 30861
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.8 32.6
 279 4.3 3.3 4.9



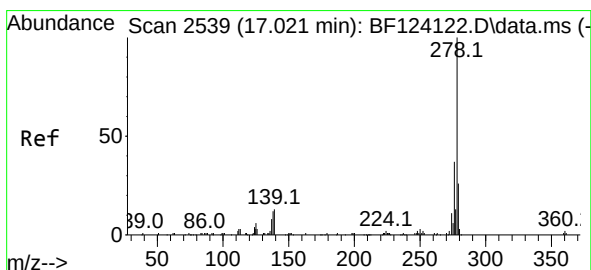
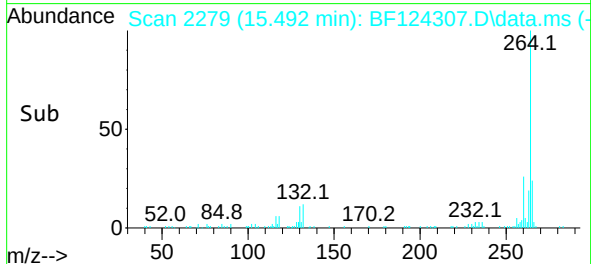
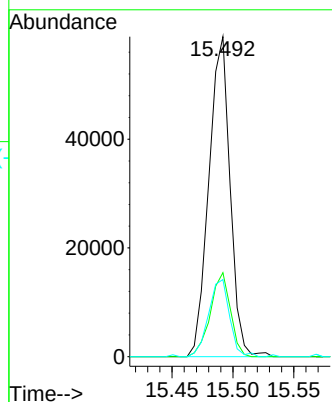


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Instrument :
BNA_F
ClientSampleId :
18-B12(XX)



Tgt Ion:264 Resp: 71106
Ion Ratio Lower Upper
264 100
260 26.3 18.7 28.1
265 24.1 17.8 26.8



#91
Dibenzo(a,h)anthracene
Concen: 4.197 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.017 min
Lab File: BF124307.D
Acq: 14 Jun 2021 15:33

Tgt Ion:278 Resp: 120
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#

