

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124271.D
 Acq On : 11 Jun 2021 20:43
 Operator : JU/CG
 Sample : M2625-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(178-182)

Quant Time: Jun 11 23:46:54 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)

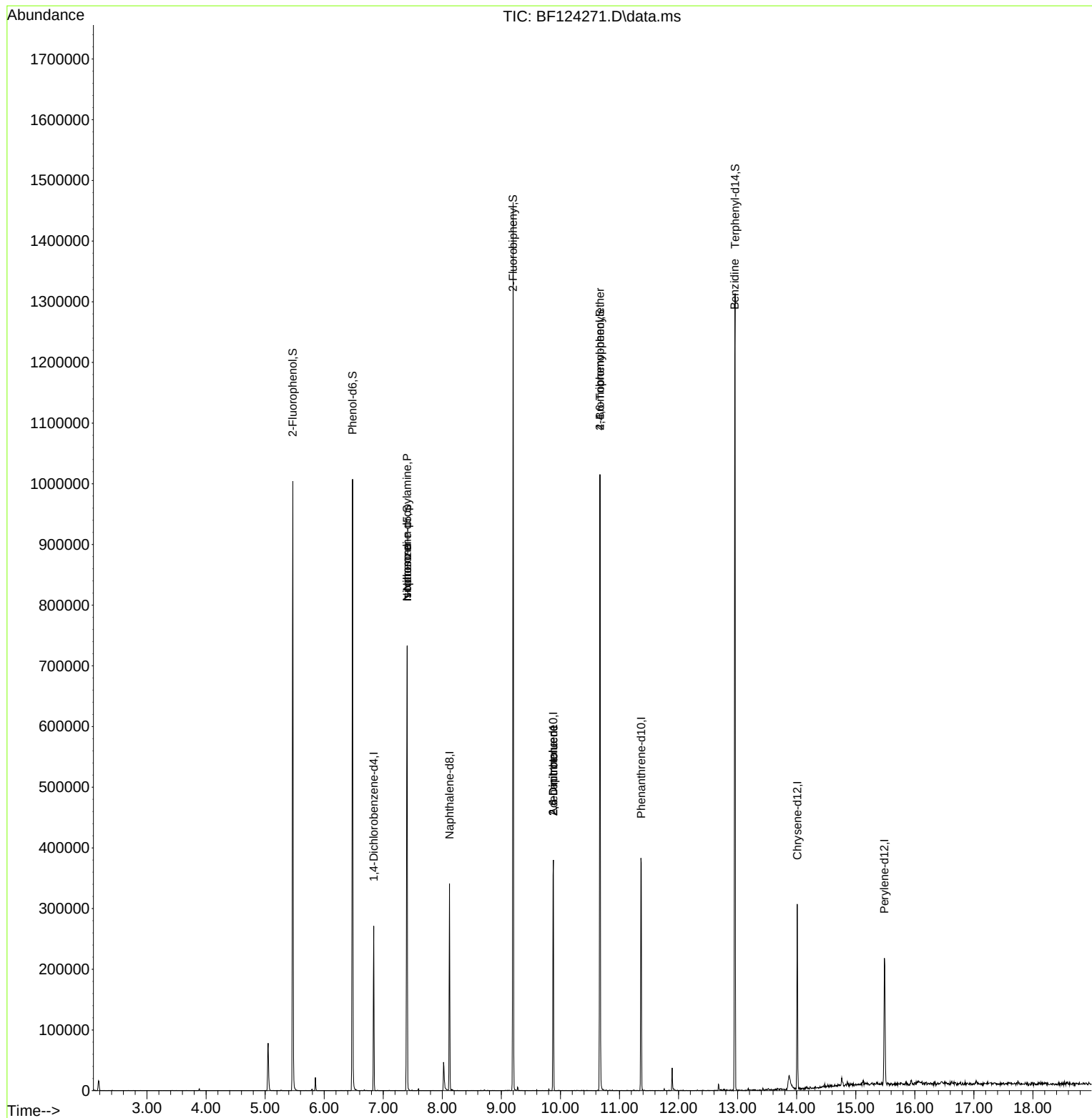
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	31695	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	119184	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	73806	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	137914	20.00	ng	0.00
76) Chrysene-d12	14.010	240	93285	20.00	ng	-0.01
86) Perylene-d12	15.486	264	85669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	206861	98.25	ng	-0.01
7) Phenol-d6	6.481	99	263338	93.05	ng	-0.02
23) Nitrobenzene-d5	7.404	82	204417	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	101221	96.80	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	367638	62.68	ng	-0.01
79) Terphenyl-d14	12.957	244	415499	61.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	28199	14.11	ng	# 65
25) Isophorone	7.404	82	204414	37.75	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9010	6.44	ng	# 12
57) 2,4-Dinitrotoluene	9.880	165	9010	4.88	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	6753	3.57	ng	# 1
77) Benzidine	12.951	184	6953	6.99	ng	98

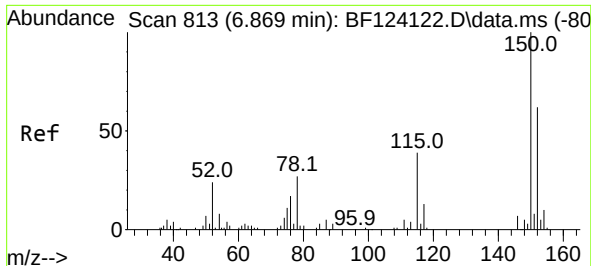
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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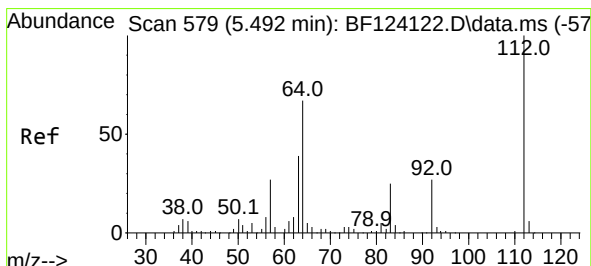
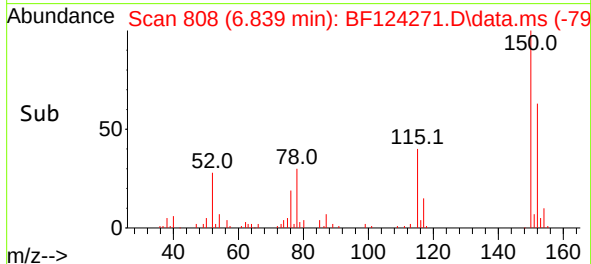
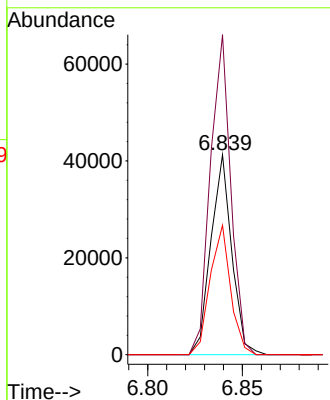
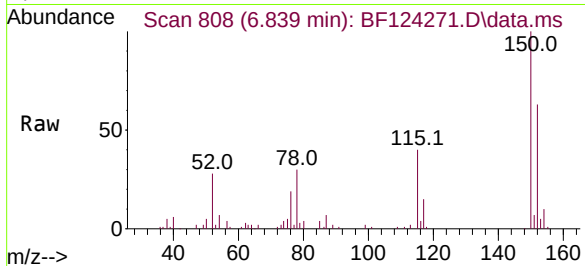




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

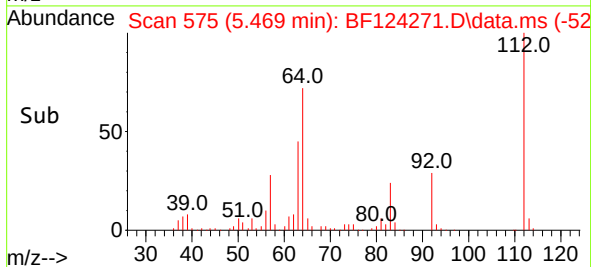
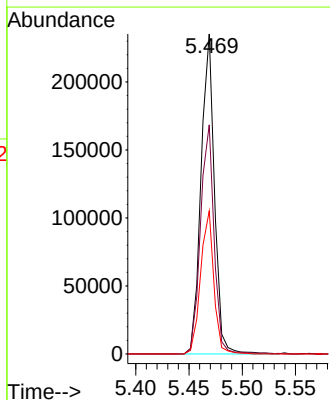
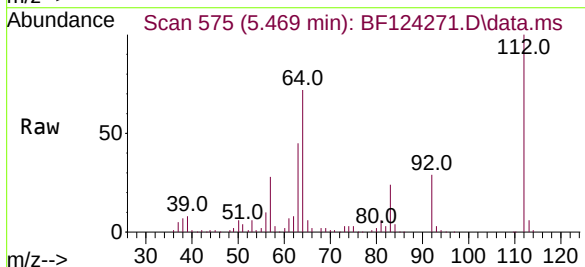
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

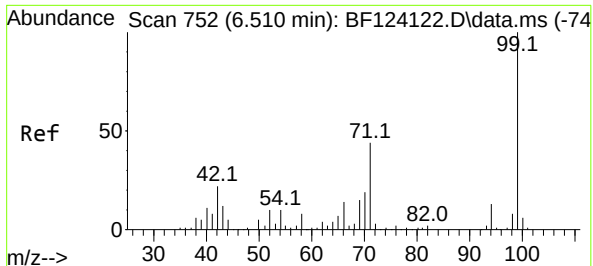
Tgt Ion:152 Resp: 31695
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 64.7 54.3 81.5



#5
2-Fluorophenol
Concen: 98.25 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:112 Resp: 206861
Ion Ratio Lower Upper
112 100
64 71.6 61.4 92.0
63 44.7 33.0 49.4

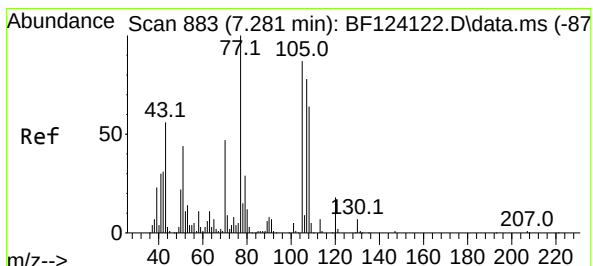
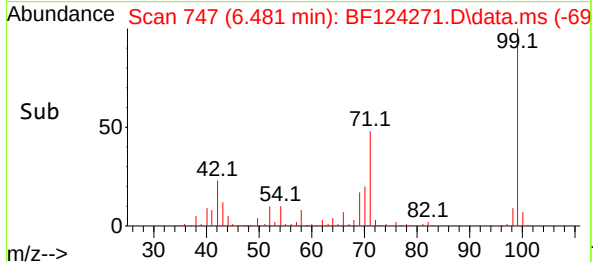
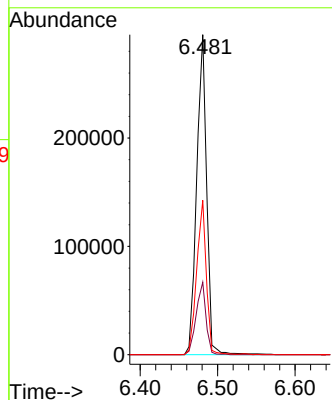
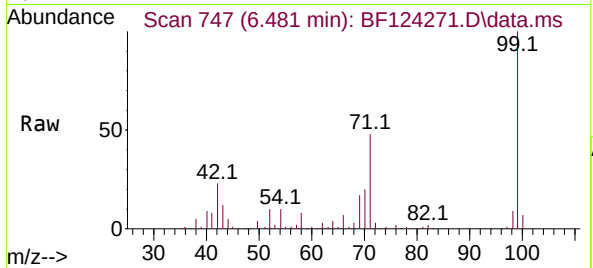




#7
Phenol-d6
Concen: 93.05 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

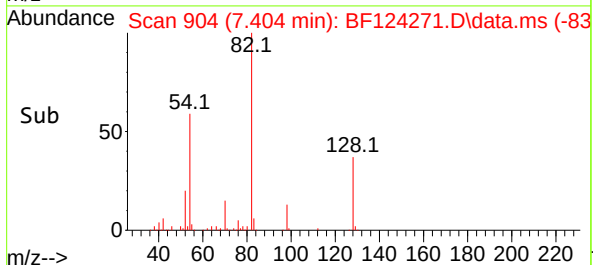
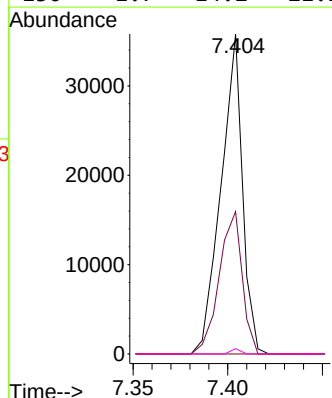
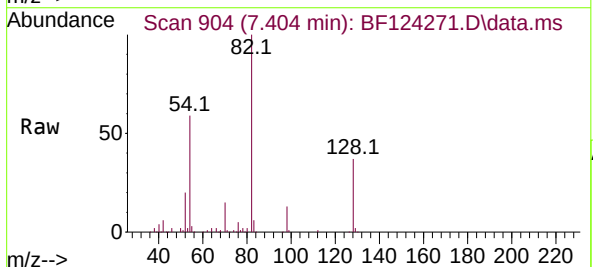
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

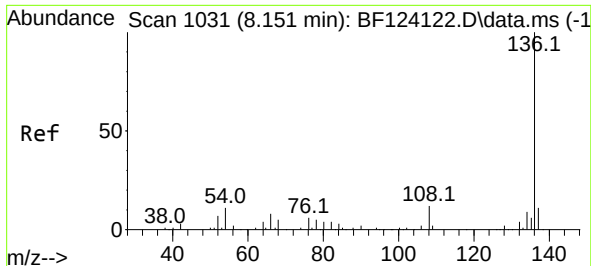
Tgt Ion: 99 Resp: 263338
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 48.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

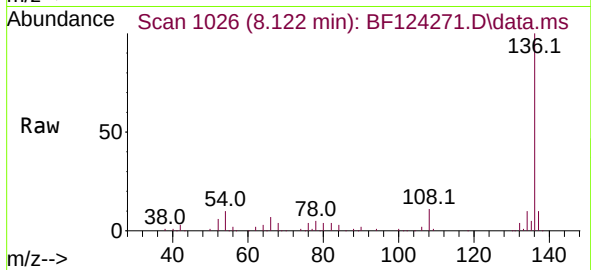
Tgt Ion: 70 Resp: 28199
Ion Ratio Lower Upper
70 100
42 44.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



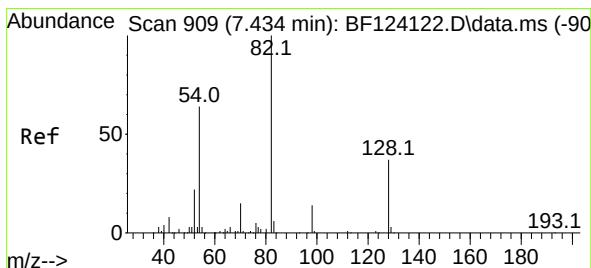
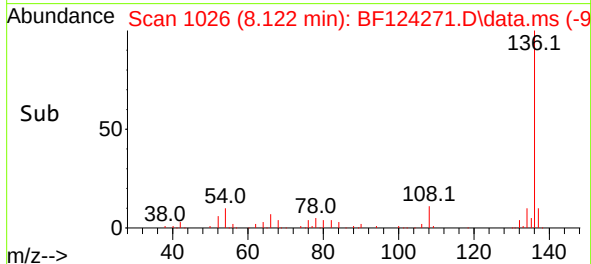
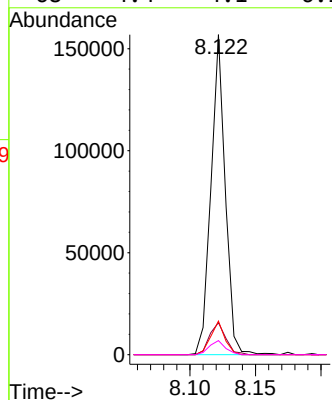


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

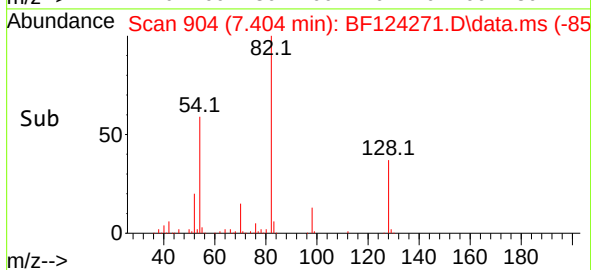
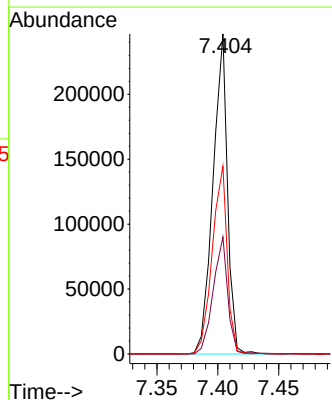
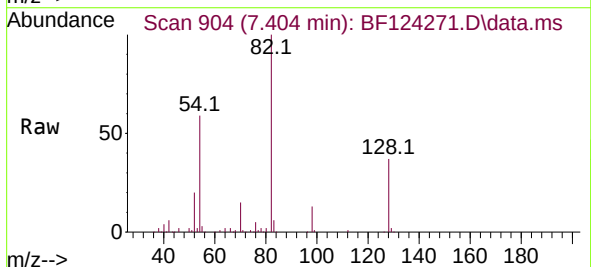


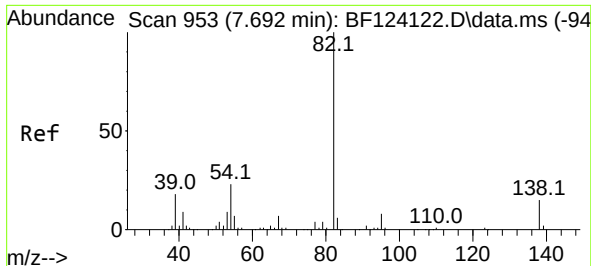
Tgt Ion:136	Resp:	119184
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.7 13.1
54	10.5	9.8 14.6
68	4.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion: 82	Resp:	204417
Ion Ratio	Lower	Upper
82	100	
128	36.6	29.4 44.2
54	58.7	54.1 81.1

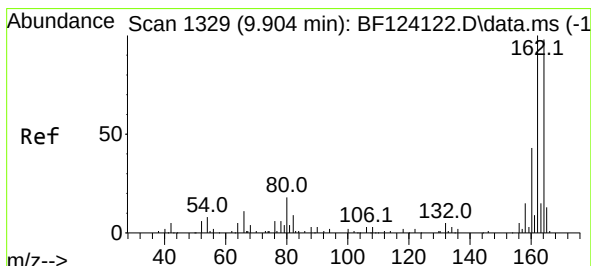
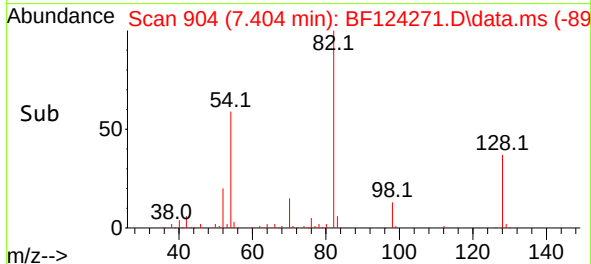
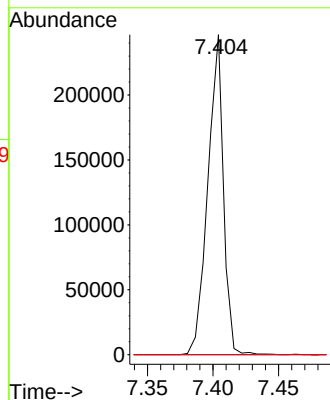
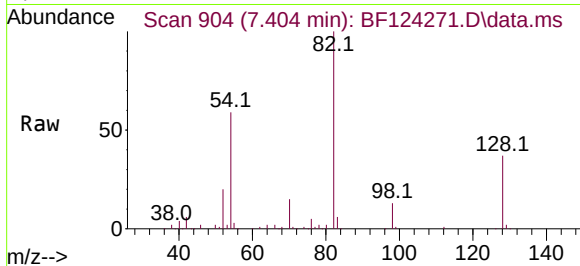




#25
Isophorone
Concen: 37.75 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

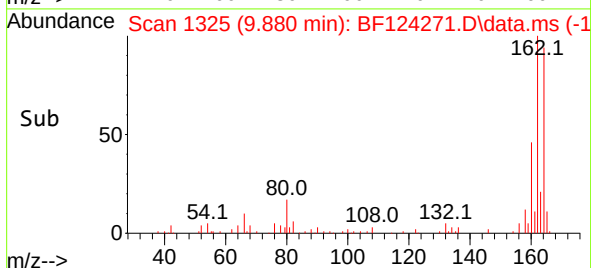
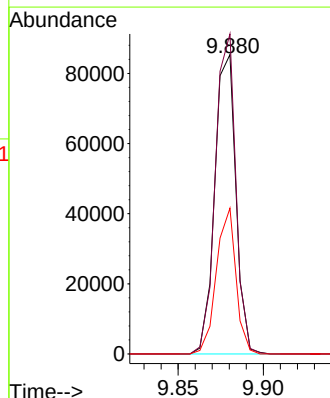
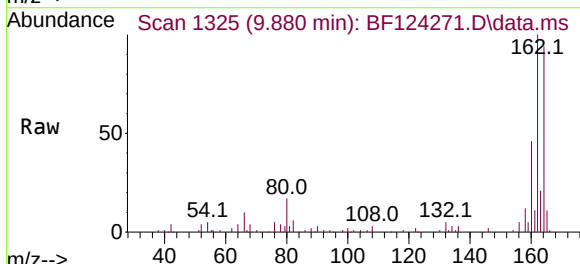
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

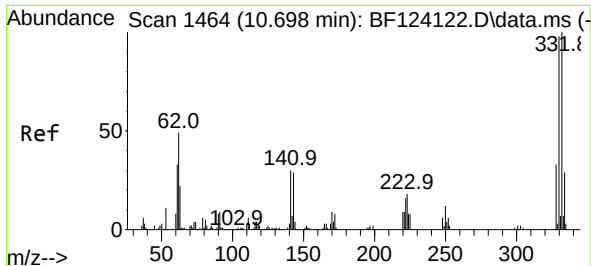
Tgt Ion: 82 Resp: 204414
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion: 164 Resp: 73806
Ion Ratio Lower Upper
164 100
162 106.9 80.7 121.1
160 48.7 37.3 55.9

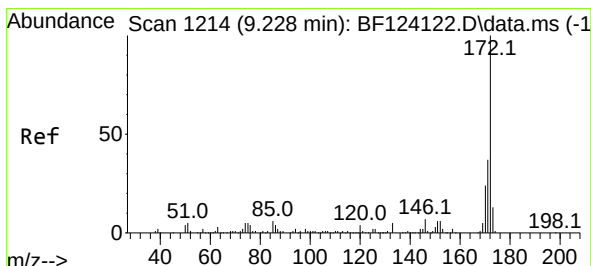
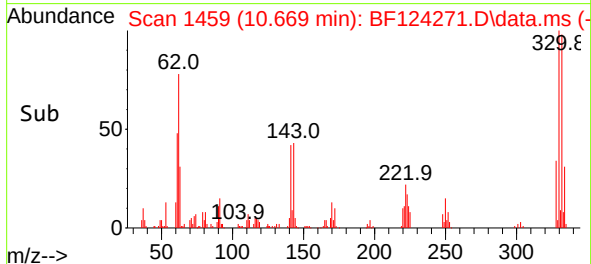
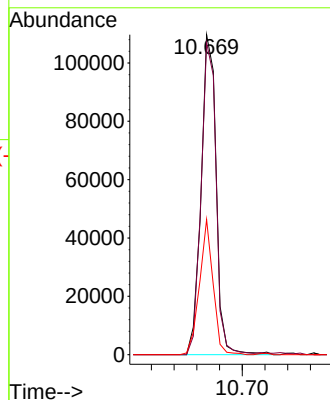
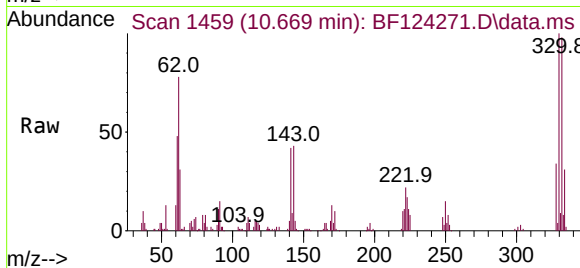




#42
2,4,6-Tribromophenol
Concen: 96.80 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

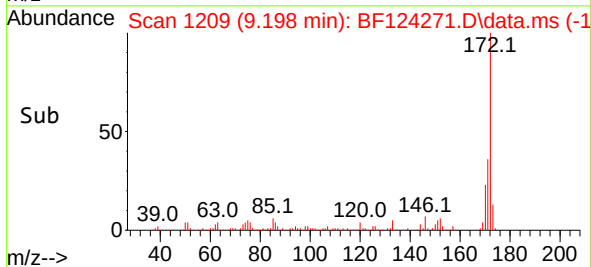
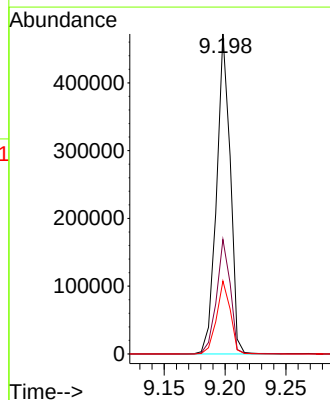
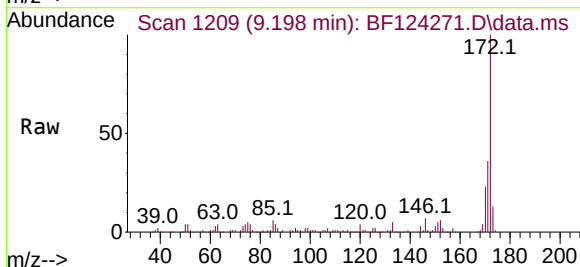
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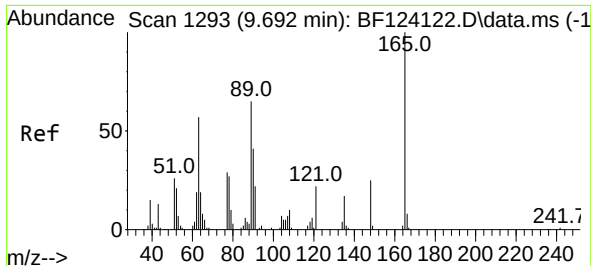
Tgt Ion: 330 Resp: 101221
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.68 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion: 172 Resp: 367638
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 22.8 19.2 28.8

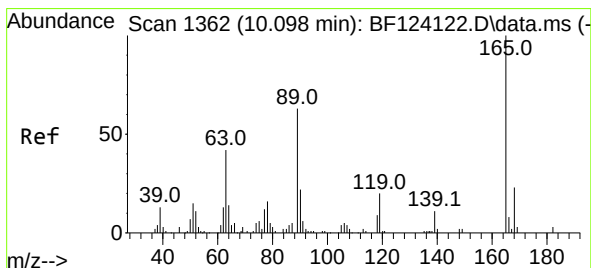
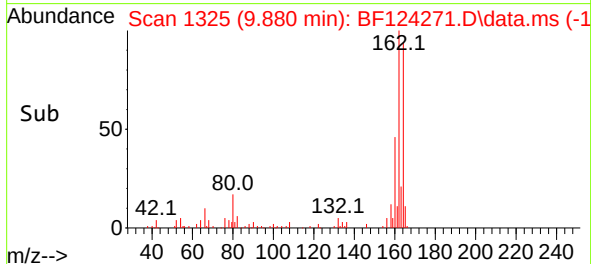
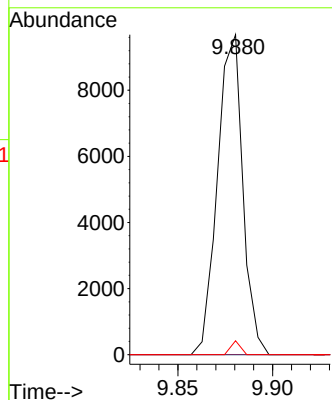
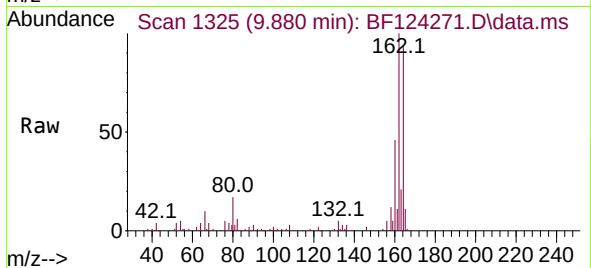




#51
2,6-Dinitrotoluene
Concen: 6.44 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

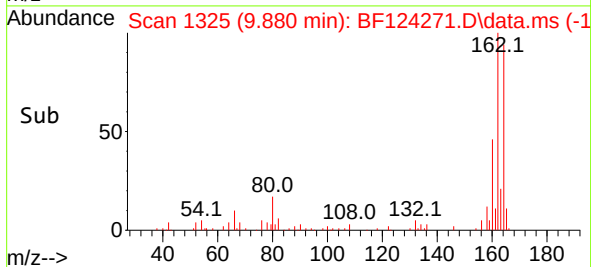
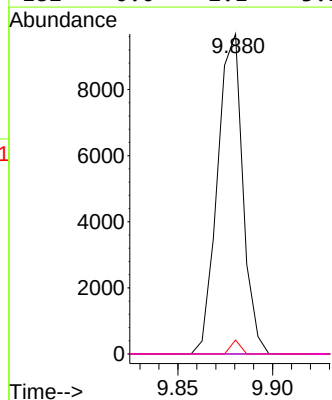
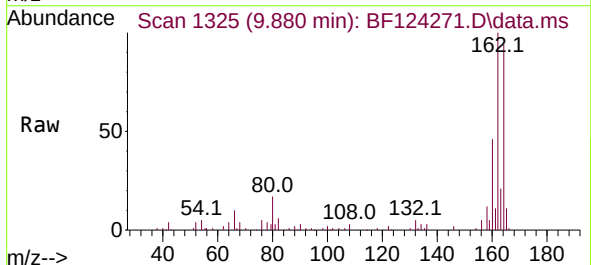
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18-B12(178-182)

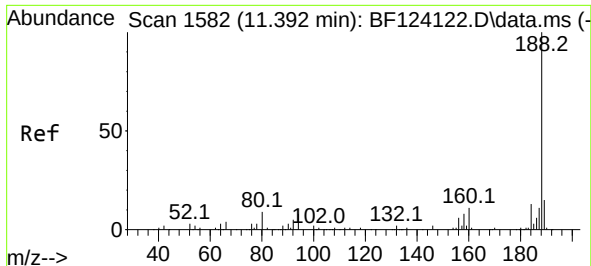
Tgt Ion:165 Resp: 9010
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.88 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:165 Resp: 9010
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 4.4 67.7 101.5#
182 0.0 2.1 3.1#

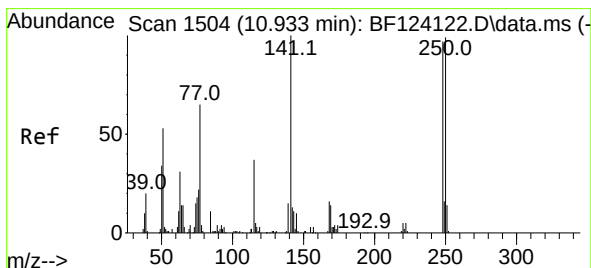
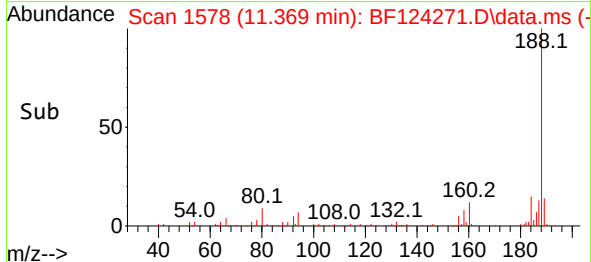
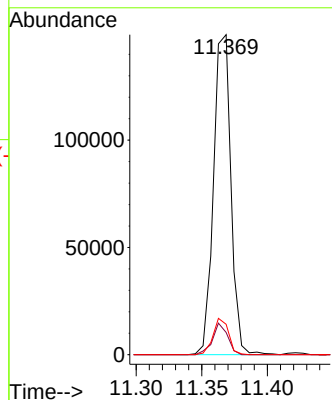
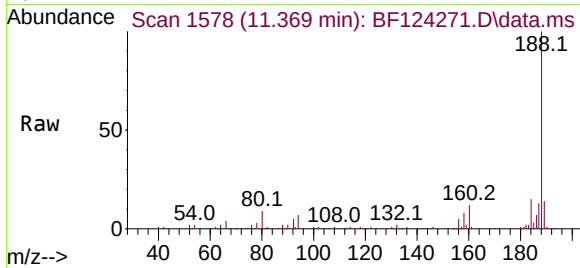




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

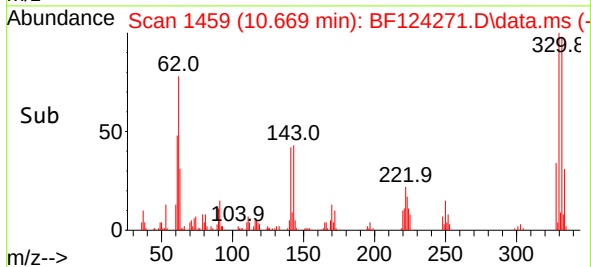
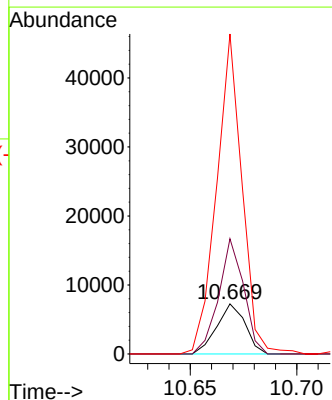
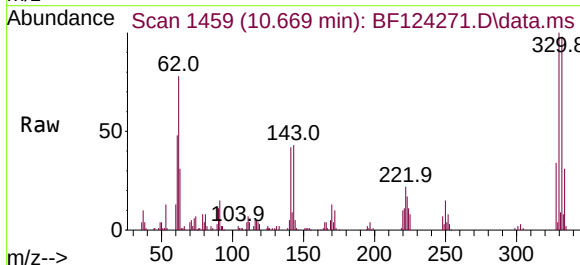
Instrument :
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18-B12(178-182)

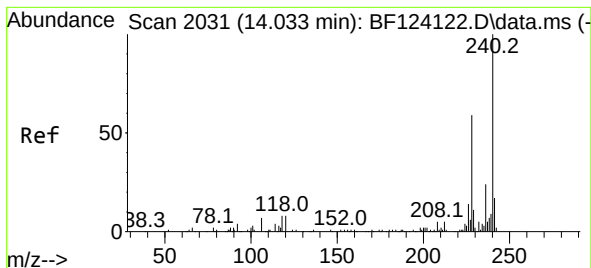
Tgt Ion:188 Resp: 137914
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:248 Resp: 6753
Ion Ratio Lower Upper
248 100
250 229.5 77.4 116.2#
141 637.9 63.7 95.5#

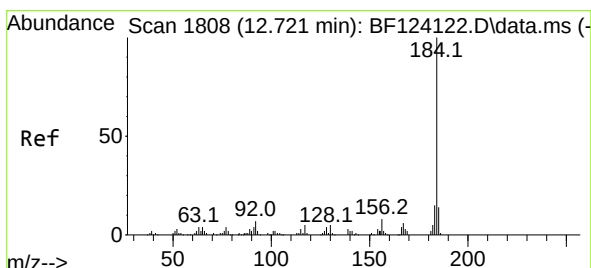
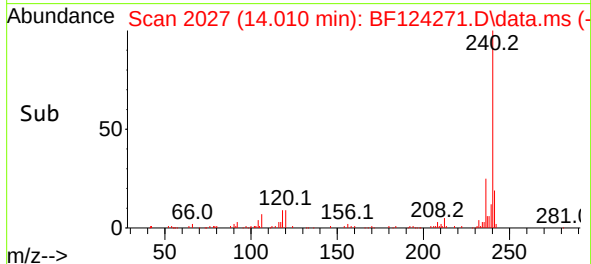
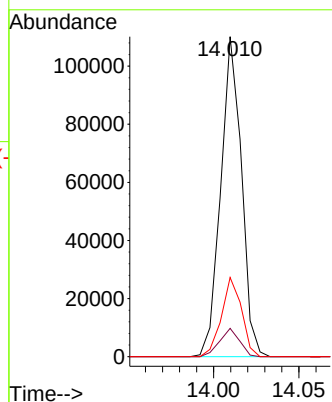
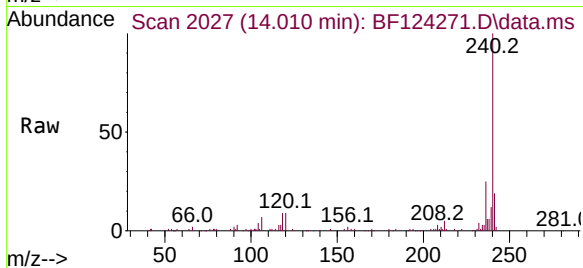




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

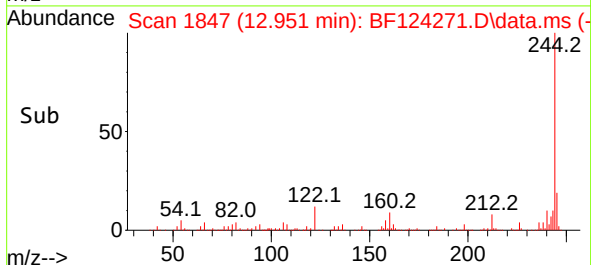
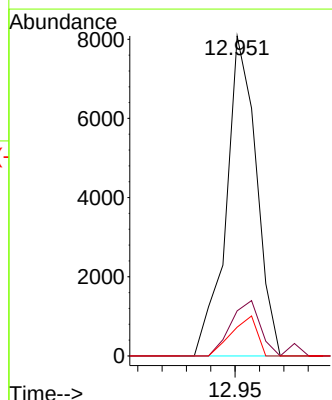
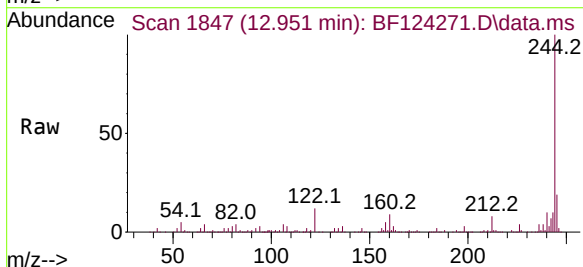
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

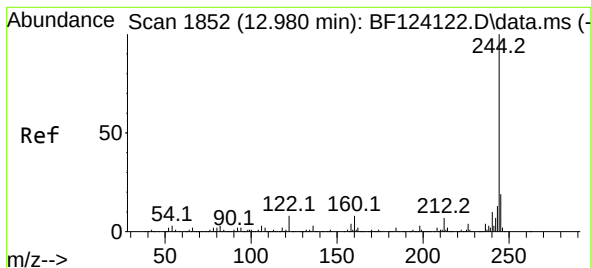
Tgt Ion:240 Resp: 93285
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 24.8 19.0 28.4



#77
Benzidine
Concen: 6.99 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:184 Resp: 6953
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 9.0 7.8 11.8





#79

Terphenyl-d14

Concen: 61.15 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124271.D

Acq: 11 Jun 2021 20:43

Tgt Ion:244 Resp: 415499

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

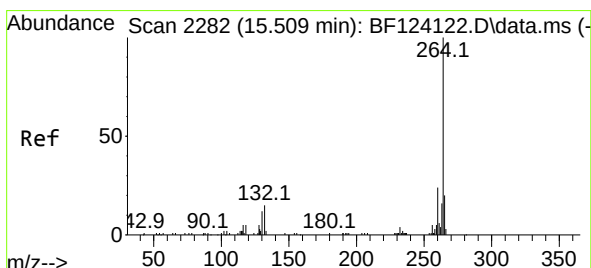
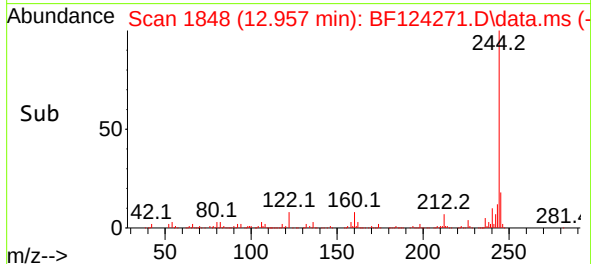
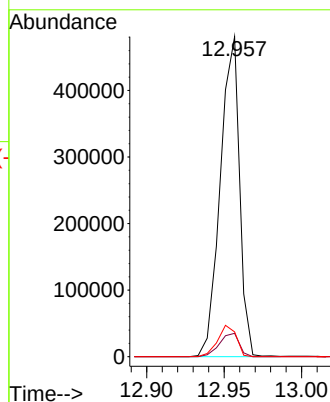
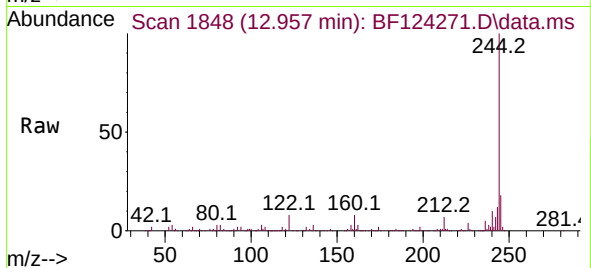
122 7.8 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

18-B12(178-182)



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF124271.D

Acq: 11 Jun 2021 20:43

Tgt Ion:264 Resp: 85669

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 19.9 17.8 26.8

