

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138520.D
 Acq On : 11 Jul 2024 13:39
 Operator : CG\JU
 Sample : P3183-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N28660

Quant Time: Jul 11 14:05:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

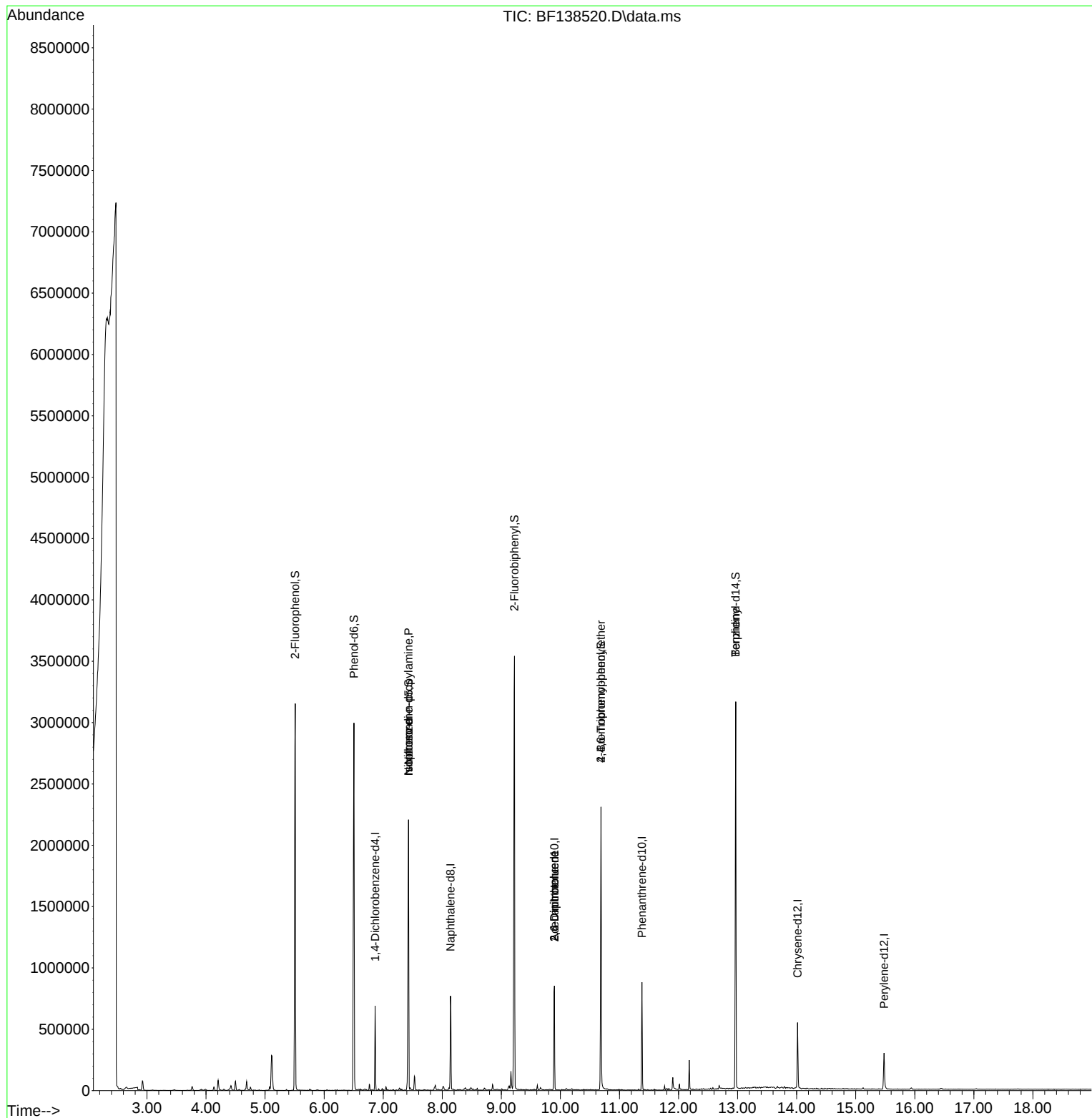
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82370	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	330055	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	182061	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	284472	20.000	ng	0.00
76) Chrysene-d12	14.016	240	161729	20.000	ng	-0.01
86) Perylene-d12	15.480	264	137482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	791158	152.119	ng	0.02
7) Phenol-d6	6.504	99	1013579	146.497	ng	0.00
23) Nitrobenzene-d5	7.428	82	688910	102.480	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	249921	146.879	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1202849	103.259	ng	0.00
79) Terphenyl-d14	12.969	244	1017838	102.528	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	95576	22.356	ng	# 73
25) Isophorone	7.428	82	688903	59.674	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	23250	8.578	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	23250	6.629	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	16838	5.759	ng	# 1
77) Benzidine	12.969	184	13679	3.352	ng	# 94

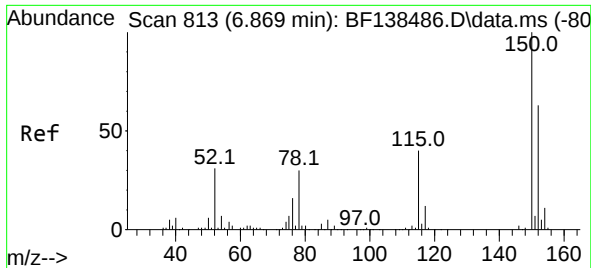
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138520.D
Acq On : 11 Jul 2024 13:39
Operator : CG\JU
Sample : P3183-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N28660

Quant Time: Jul 11 14:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

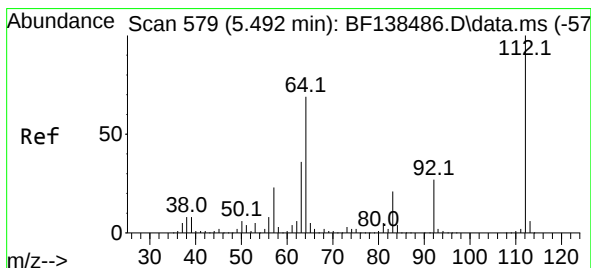
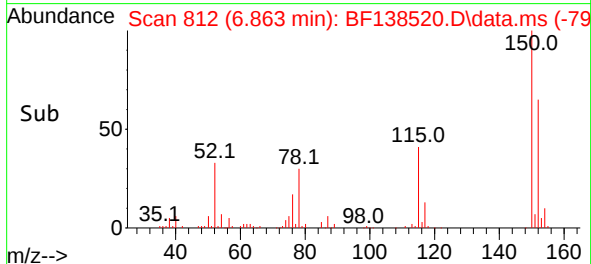
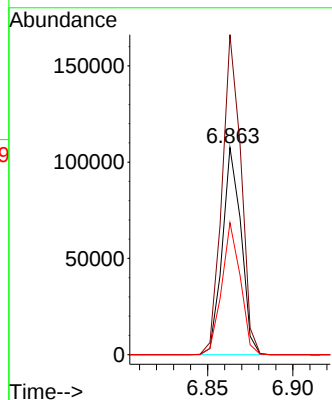
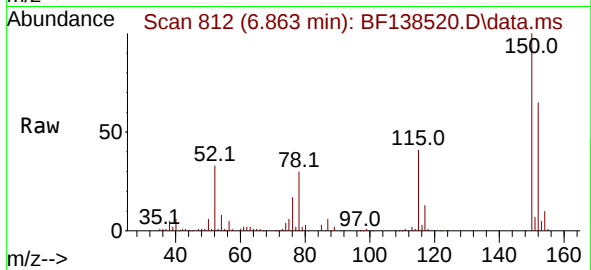




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

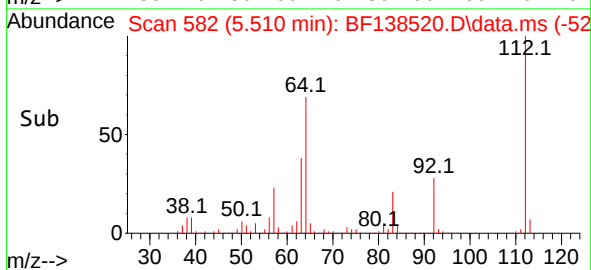
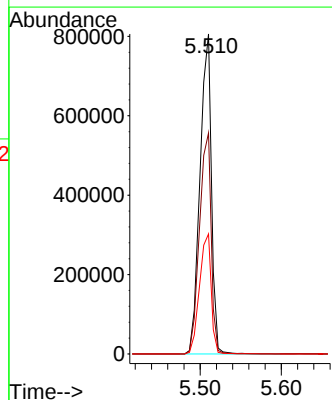
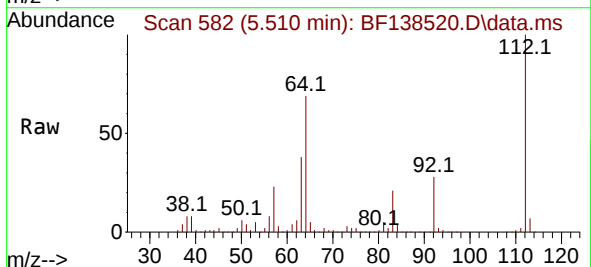
Instrument :
BNA_F
ClientSampleId :
N28660

Tgt Ion:152 Resp: 82370
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.4
115 63.7 50.3 75.5



#5
2-Fluorophenol
Concen: 152.119 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

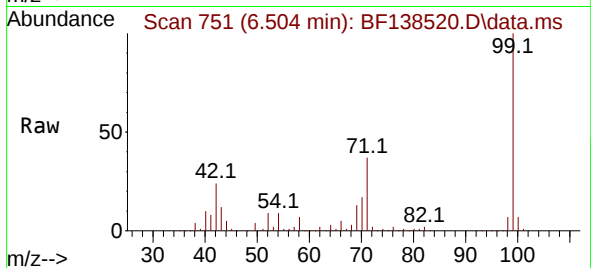
Tgt Ion:112 Resp: 791158
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 37.5 29.0 43.6





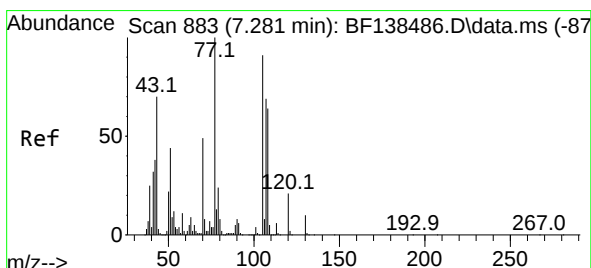
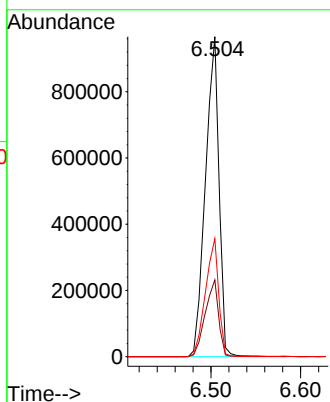
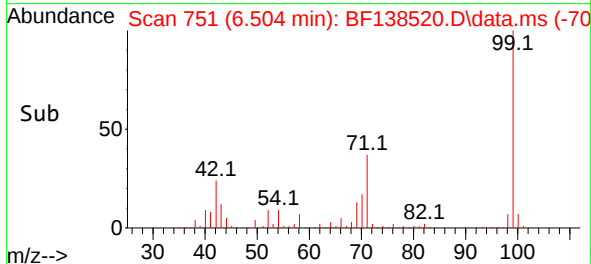
#7
Phenol-d6
Concen: 146.497 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

Instrument :
BNA_F
ClientSampleId :
N28660

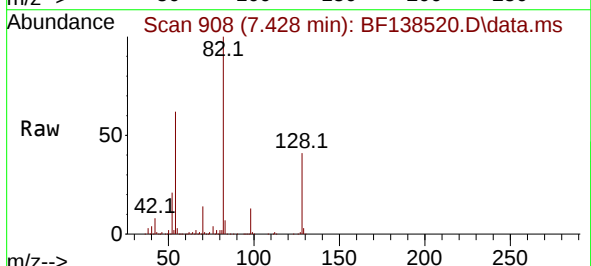


Tgt Ion: 99 Resp: 1013579

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.7	29.5
71	36.9	29.9	44.9

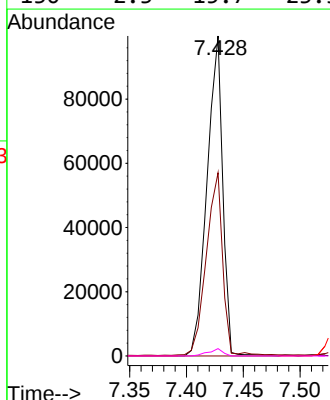
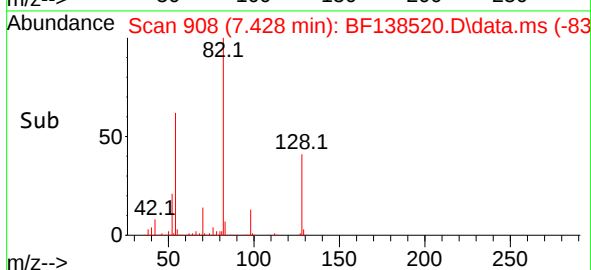


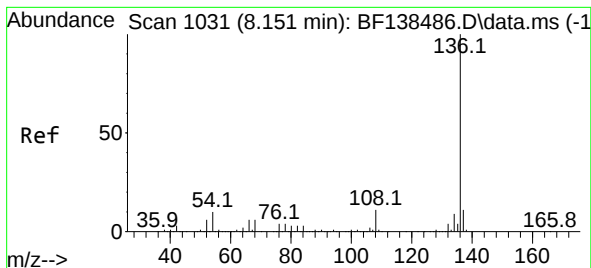
#19
n-Nitroso-di-n-propylamine
Concen: 22.356 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39



Tgt Ion: 70 Resp: 95576

Ion	Ratio	Lower	Upper
70	100		
42	57.2	62.4	93.6#
101	0.0	7.2	10.8#
130	2.3	15.7	23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

Instrument :

BNA_F

ClientSampleId :

N28660

Tgt Ion:136 Resp: 330055

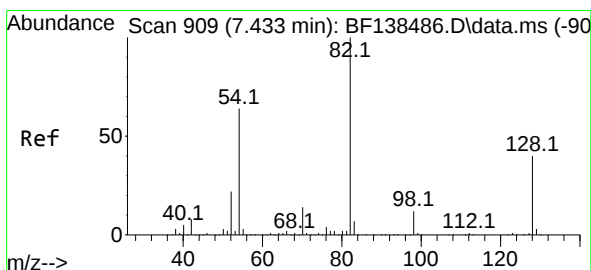
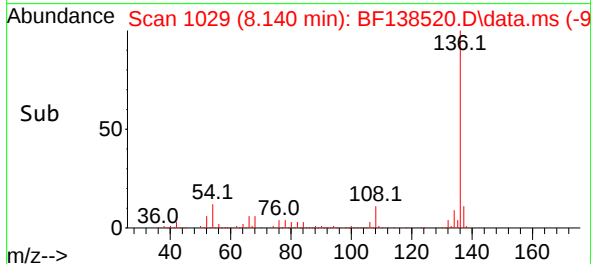
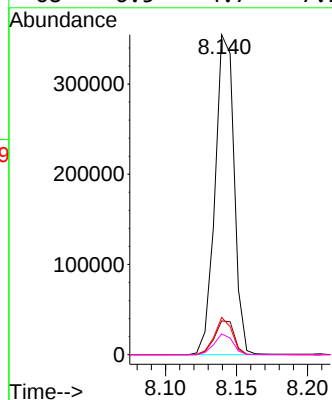
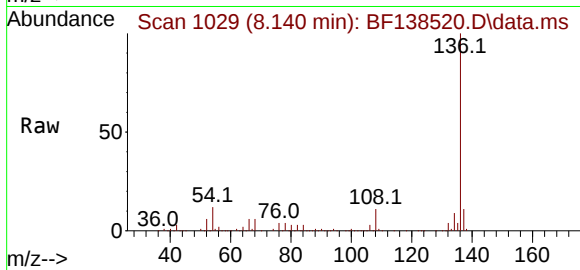
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 11.7 8.1 12.1

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 102.480 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

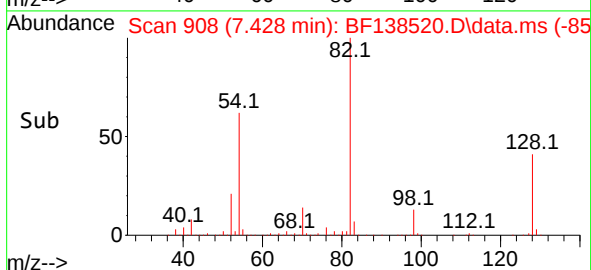
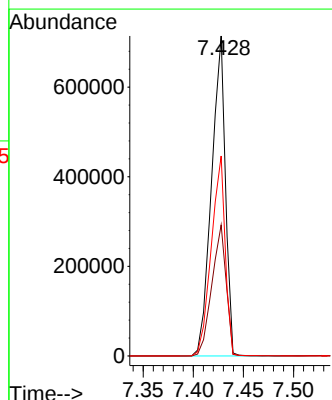
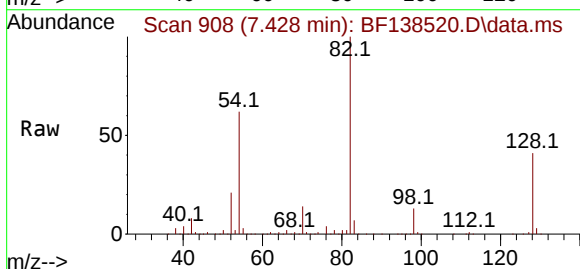
Tgt Ion: 82 Resp: 688910

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 62.5 51.4 77.0

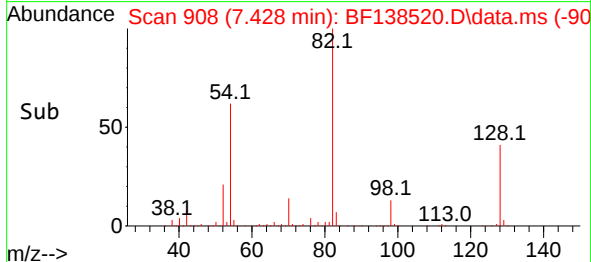
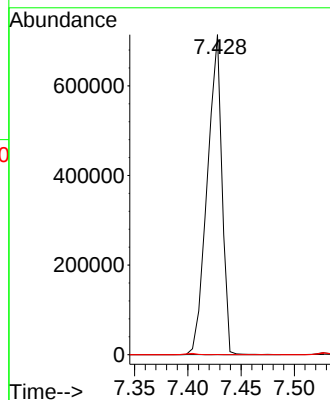
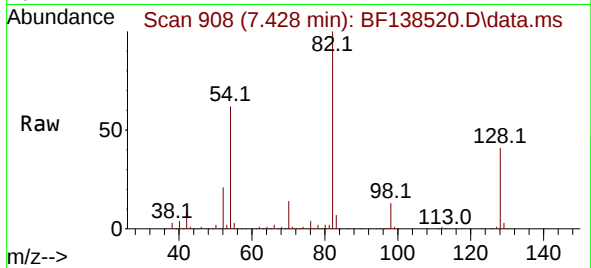




#25
Isophorone
Concen: 59.674 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

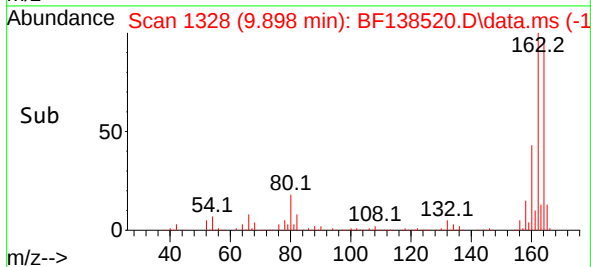
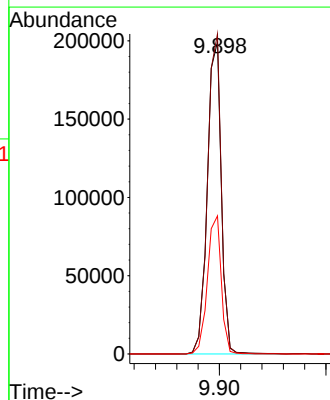
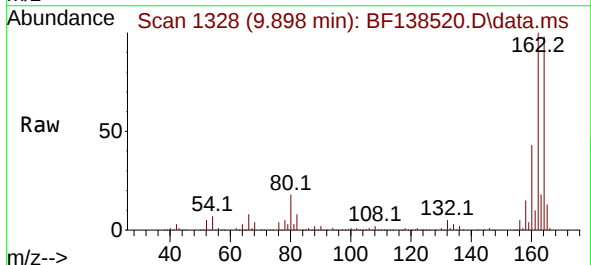
Instrument :
BNA_F
ClientSampleId :
N28660

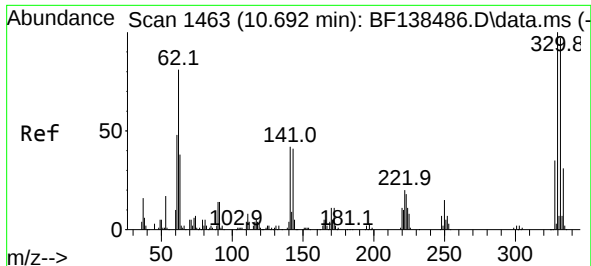
Tgt Ion: 82 Resp: 688903
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

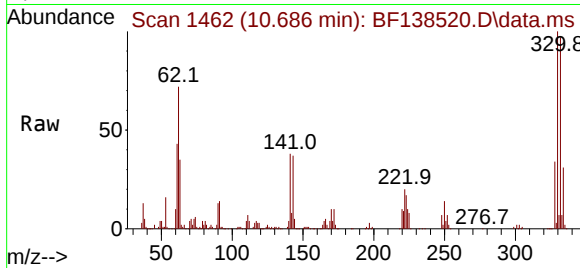
Tgt Ion:164 Resp: 182061
Ion Ratio Lower Upper
164 100
162 102.5 79.0 118.6
160 44.3 34.4 51.6



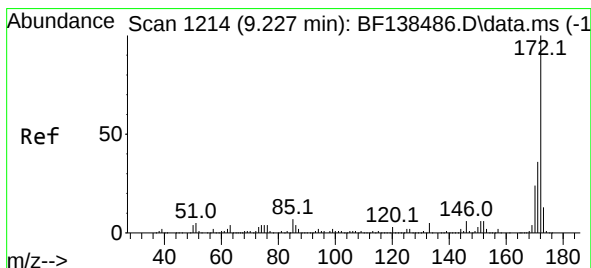
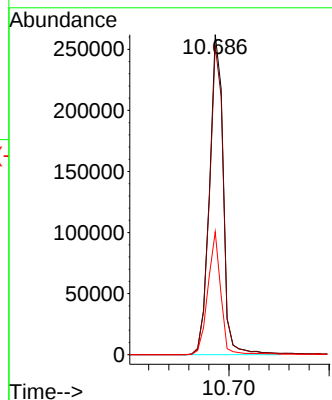
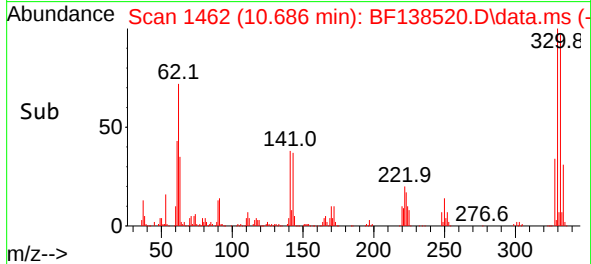


#42
2,4,6-Tribromophenol
Concen: 146.879 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

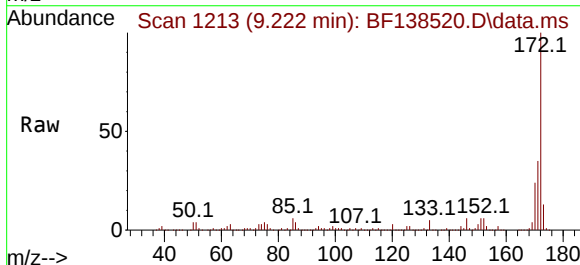
Instrument :
BNA_F
ClientSampleId :
N28660



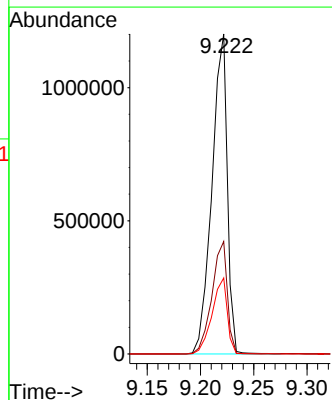
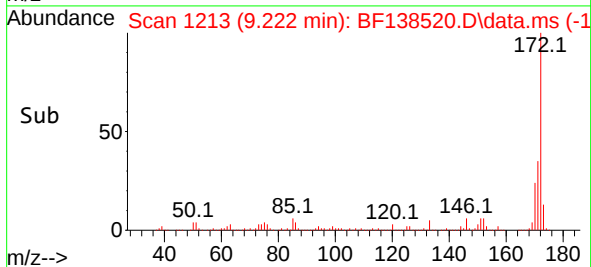
Tgt Ion:330 Resp: 249921
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 36.3 29.4 44.2

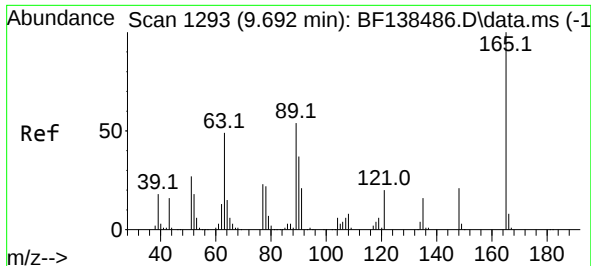


#45
2-Fluorobiphenyl
Concen: 103.259 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39



Tgt Ion:172 Resp: 1202849
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.8 18.9 28.3

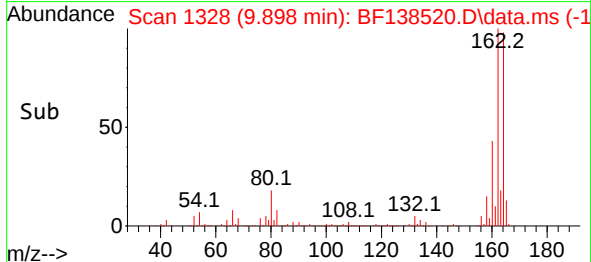
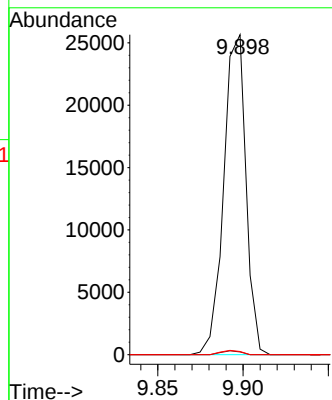
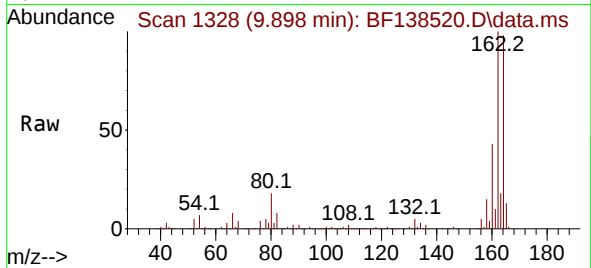




#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

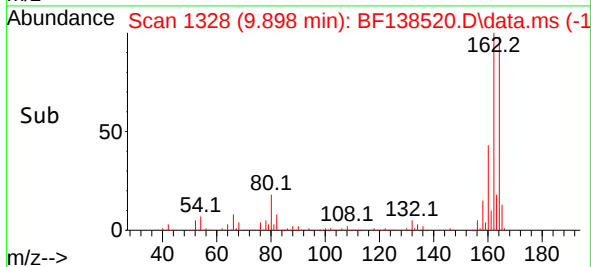
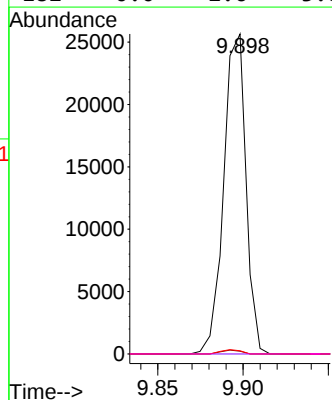
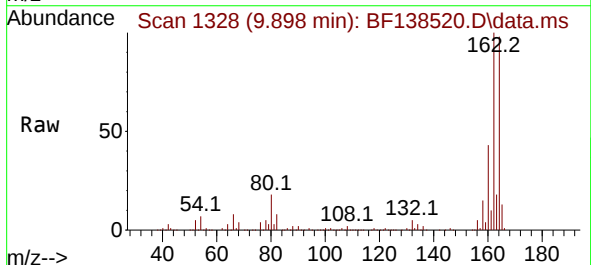
Instrument :
BNA_F
ClientSampleId :
N28660

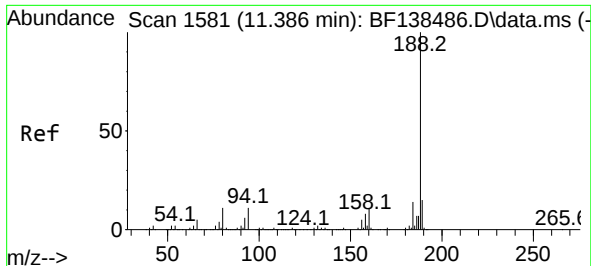
Tgt Ion:165 Resp: 23250
Ion Ratio Lower Upper
165 100
63 0.8 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

Tgt Ion:165 Resp: 23250
Ion Ratio Lower Upper
165 100
63 0.8 44.6 66.8#
89 1.0 63.4 95.2#
182 0.0 2.6 3.8#

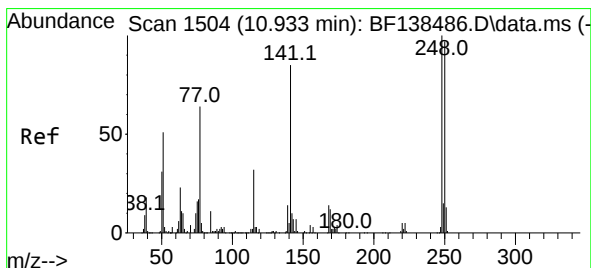
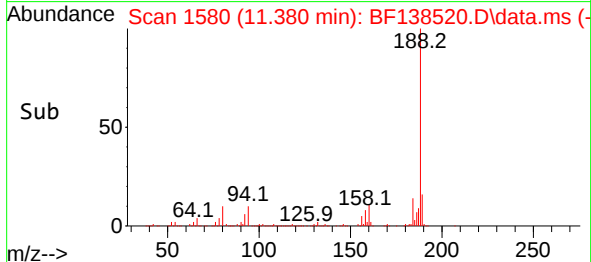
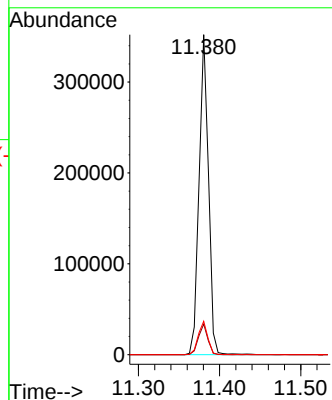
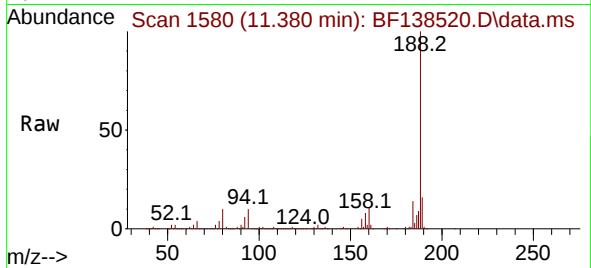




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

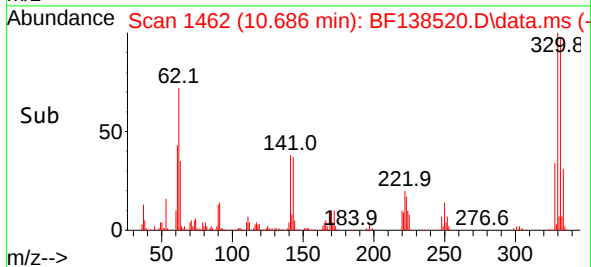
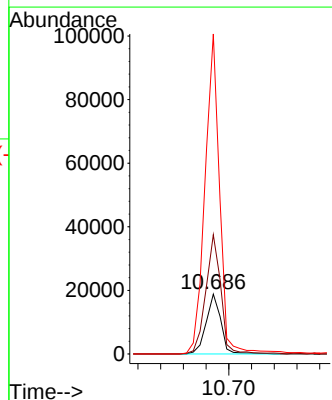
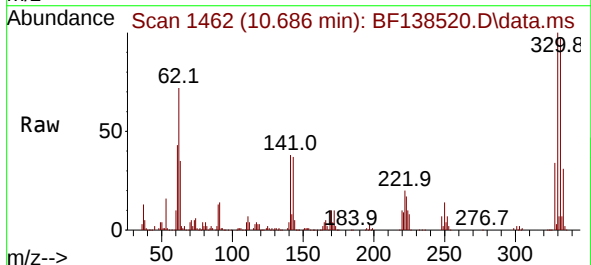
Instrument :
BNA_F
ClientSampleId :
N28660

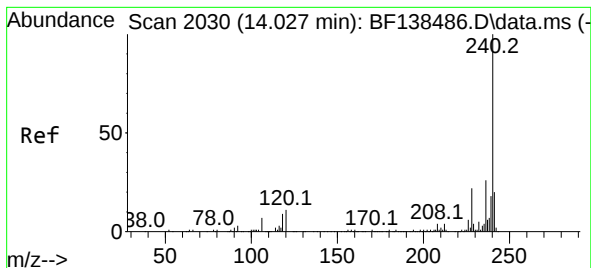
Tgt Ion:188 Resp: 284472
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.759 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

Tgt Ion:248 Resp: 16838
Ion Ratio Lower Upper
248 100
250 199.5 77.9 116.9#
141 535.3 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

Instrument :

BNA_F

ClientSampleId :

N28660

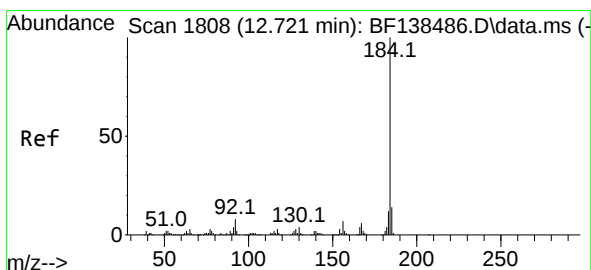
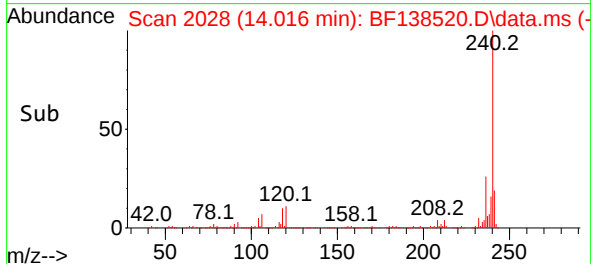
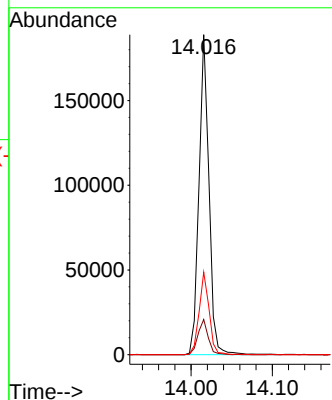
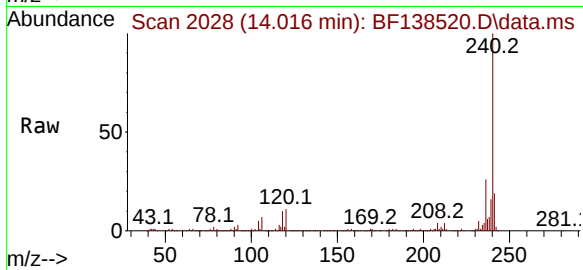
Tgt Ion:240 Resp: 161729

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 25.8 21.0 31.6



#77

Benidine

Concen: 3.352 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.248 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

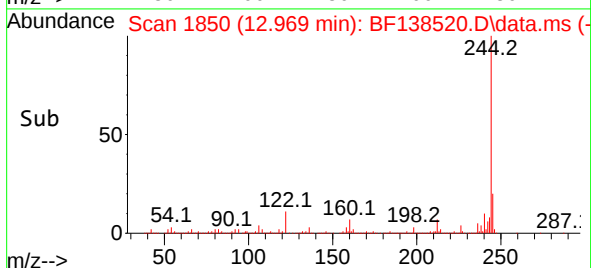
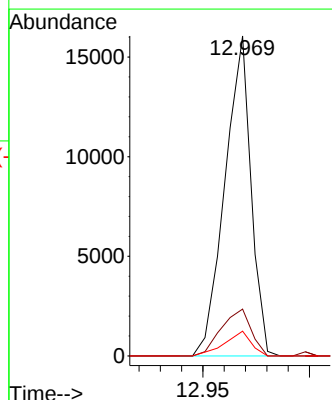
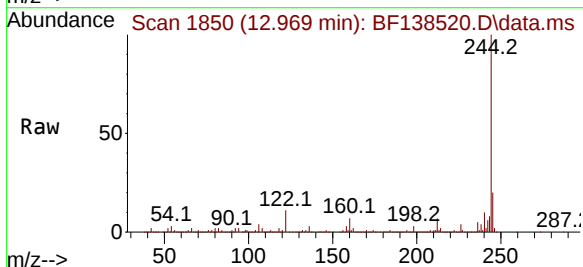
Tgt Ion:184 Resp: 13679

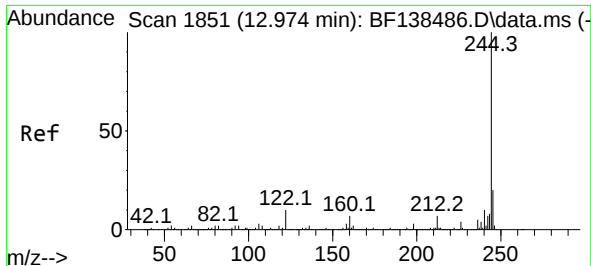
Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 7.8 9.5 14.3#

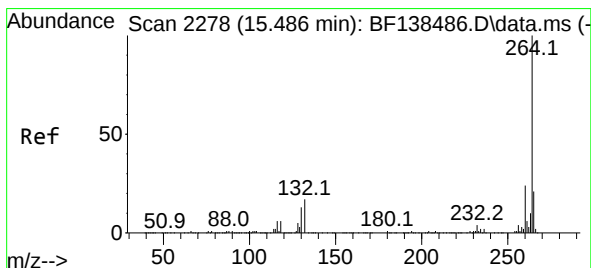
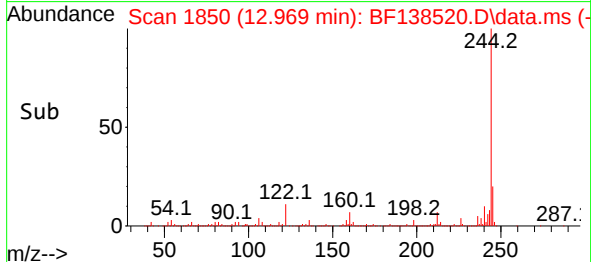
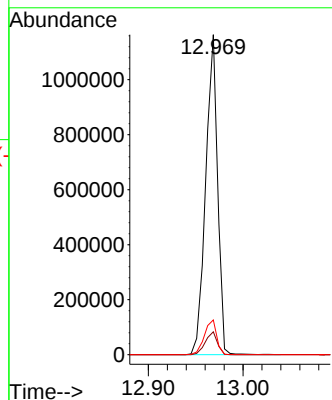
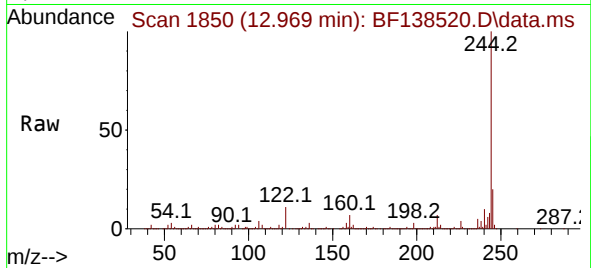




#79
 Terphenyl-d14
 Concen: 102.528 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

Instrument :
 BNA_F
 ClientSampleId :
 N28660

Tgt Ion:244 Resp: 1017838
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

Tgt Ion:264 Resp: 137482
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.3 17.0 25.4

