

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138637.D
 Acq On : 24 Jul 2024 13:33
 Operator : RC/JU
 Sample : PB162198TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162198TB

Quant Time: Jul 24 14:02:31 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)

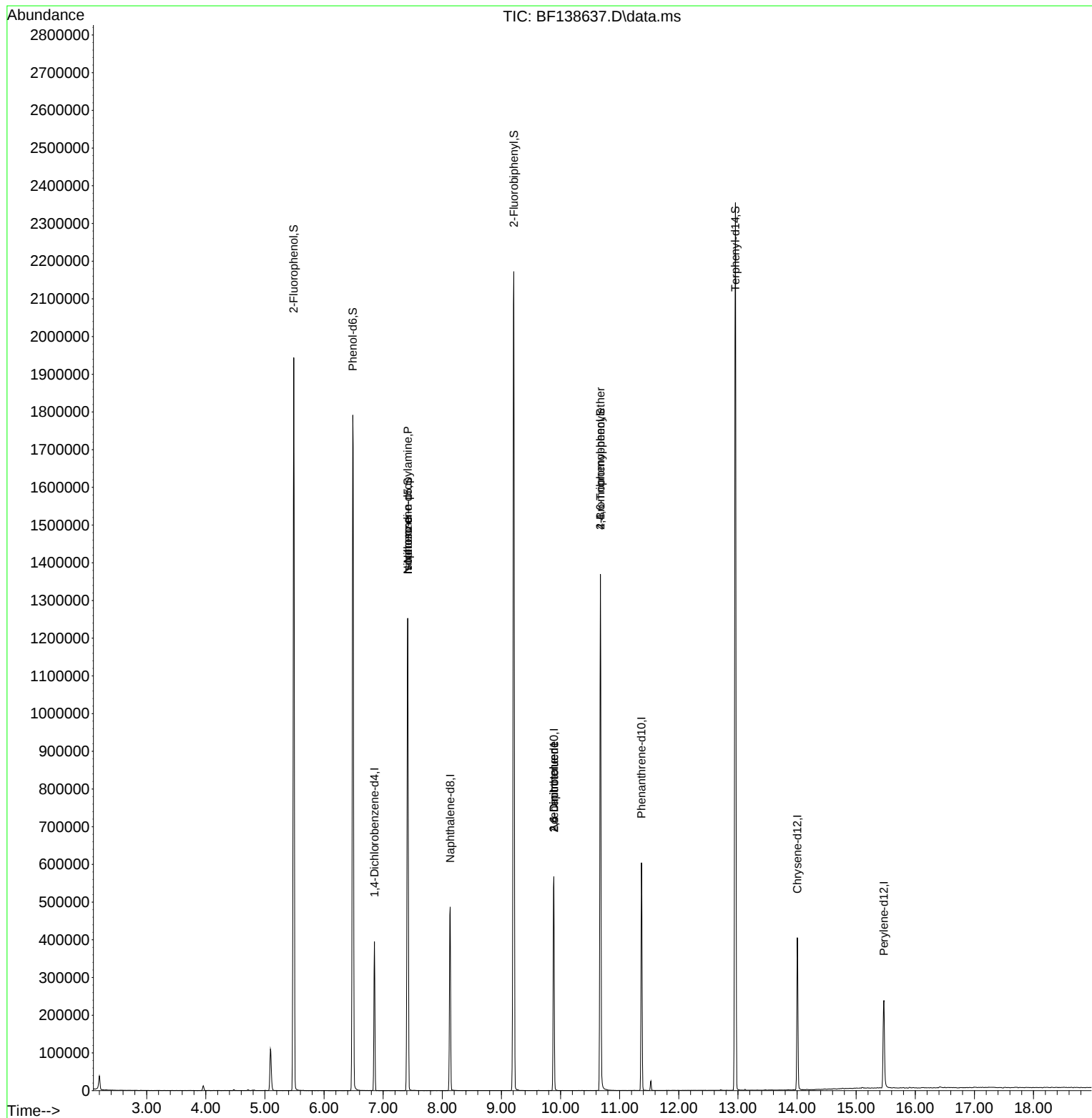
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74798	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	308753	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167365	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	304749	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	186887	20.000	ng	-0.02
86) Perylene-d12	15.468	264	148093	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	669953	141.854	ng	0.00
7) Phenol-d6	6.487	99	870868	138.613	ng	-0.02
23) Nitrobenzene-d5	7.416	82	589201	93.694	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	219685	140.446	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	997908	93.188	ng	-0.02
79) Terphenyl-d14	12.957	244	1162745	101.358	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	80143	20.644	ng	# 72
25) Isophorone	7.416	82	586717	54.329	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	22059	8.853	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	22059	6.842	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	14102	4.502	ng	# 1

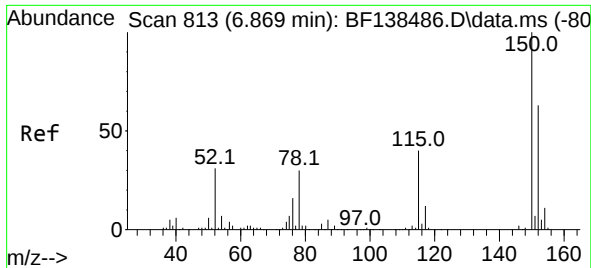
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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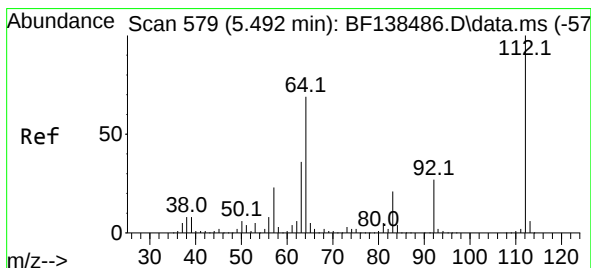
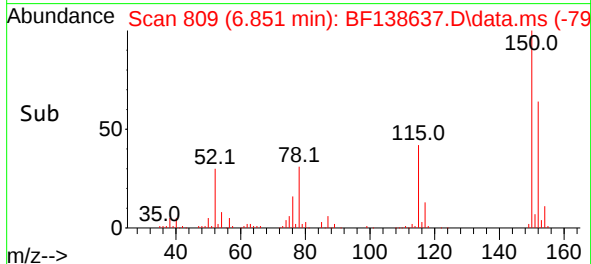
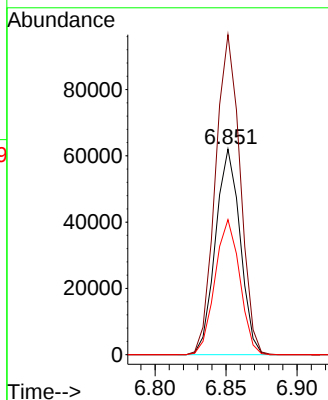
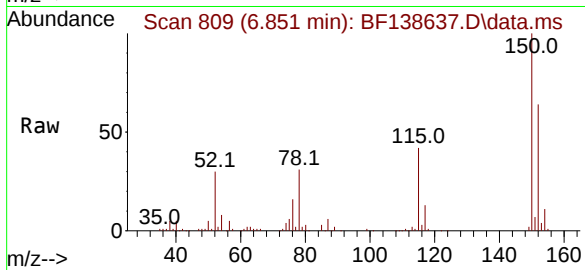




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

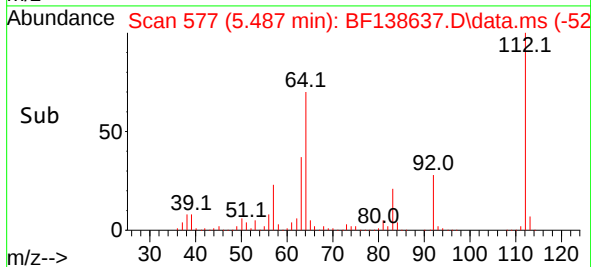
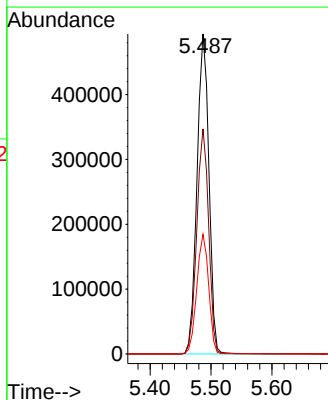
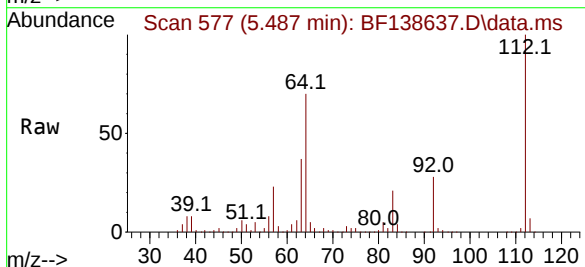
Instrument :
BNA_F
ClientSampleId :
PB162198TB

Tgt Ion:152 Resp: 74798
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 141.854 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion:112 Resp: 669953
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 37.4 29.0 43.6

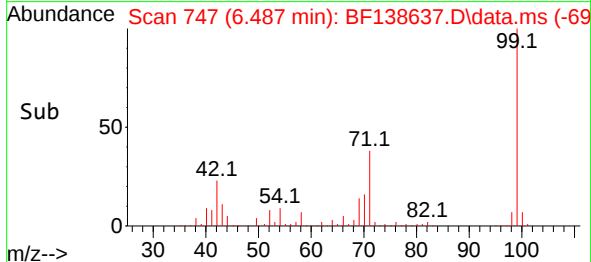
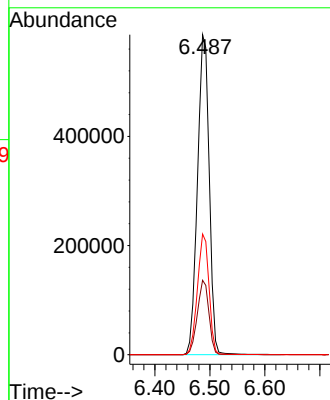
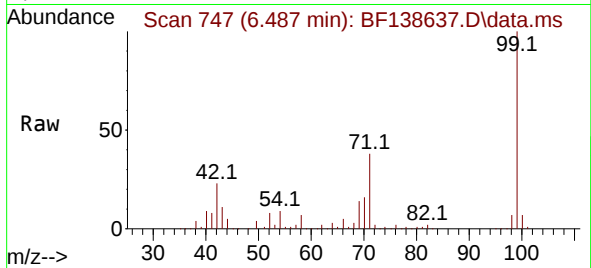




#7
Phenol-d6
Concen: 138.613 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

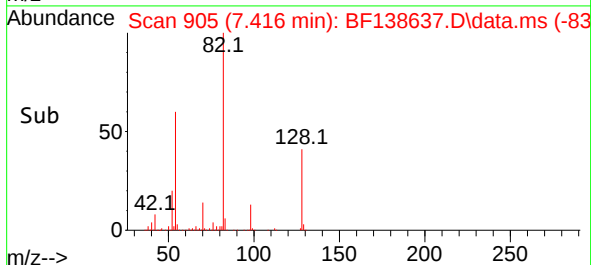
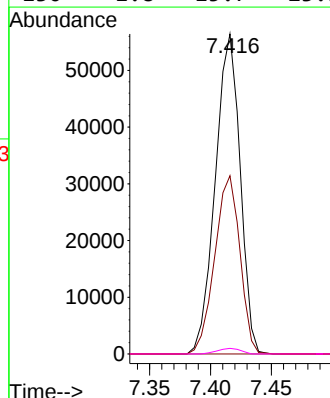
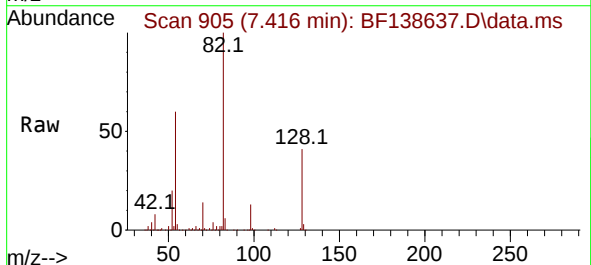
Instrument :
BNA_F
ClientSampleId :
PB162198TB

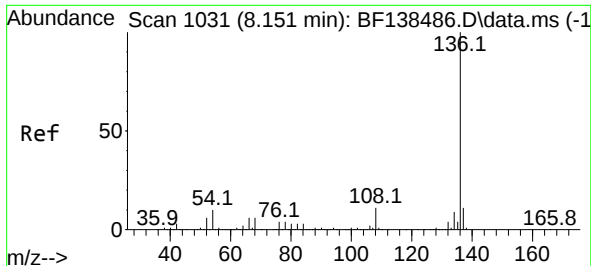
Tgt Ion: 99 Resp: 870868
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 37.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.644 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion: 70 Resp: 80143
Ion Ratio Lower Upper
70 100
42 55.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#



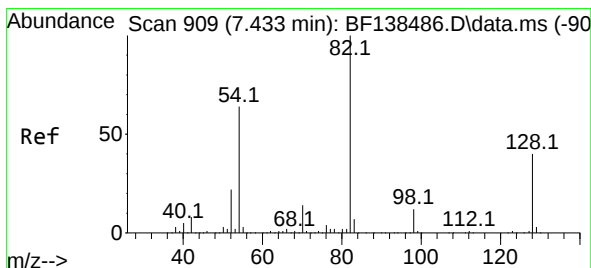
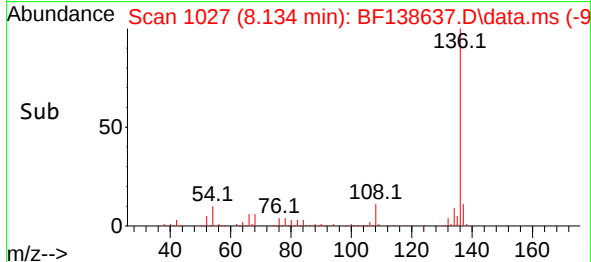
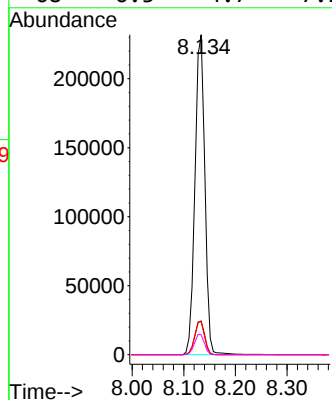
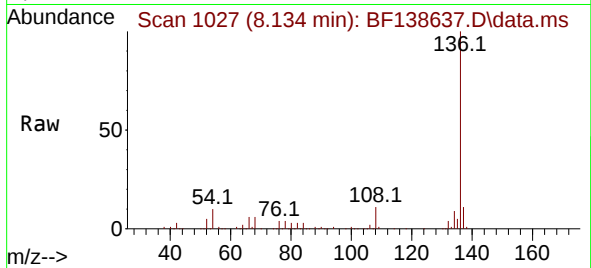


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB162198TB

Tgt Ion:136 Resp: 308753

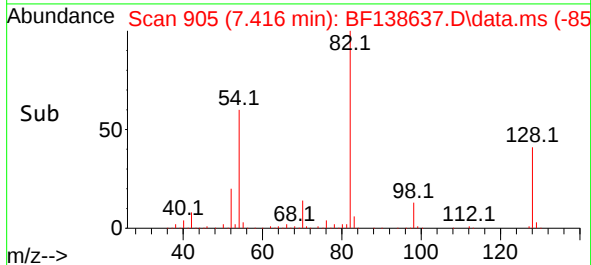
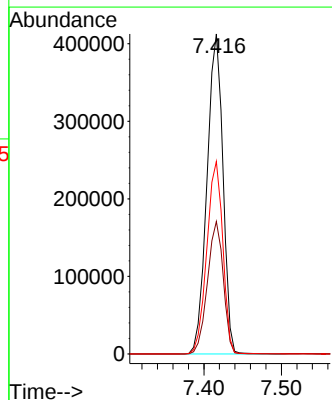
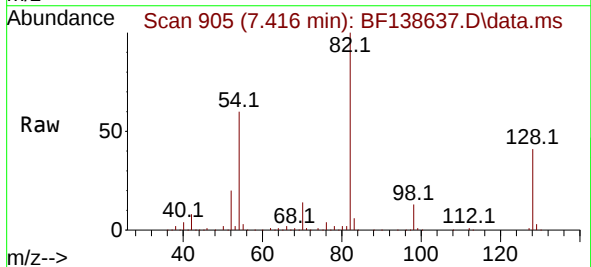
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.3	8.1	12.1
68	6.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 93.694 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion: 82 Resp: 589201

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	60.2	51.4	77.0

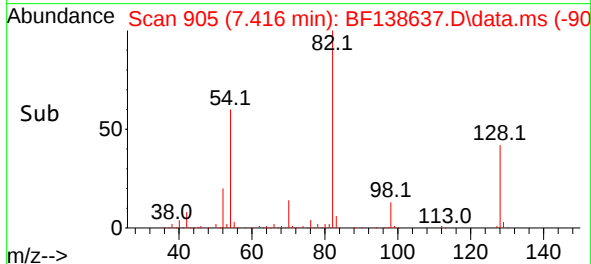
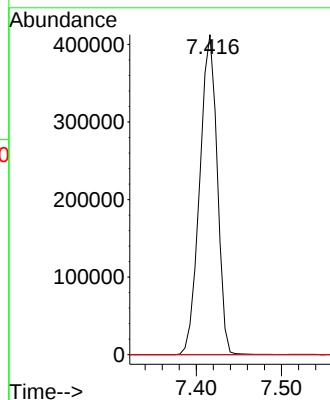
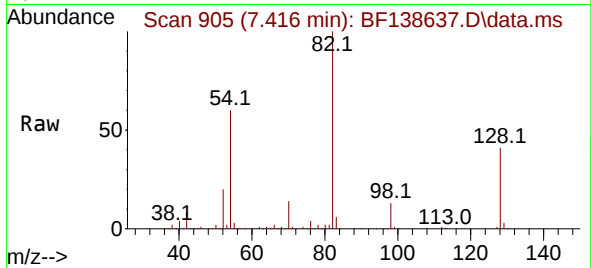




#25
Isophorone
Concen: 54.329 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

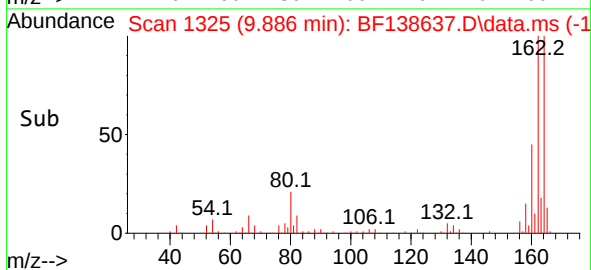
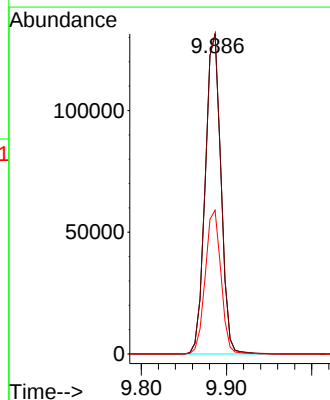
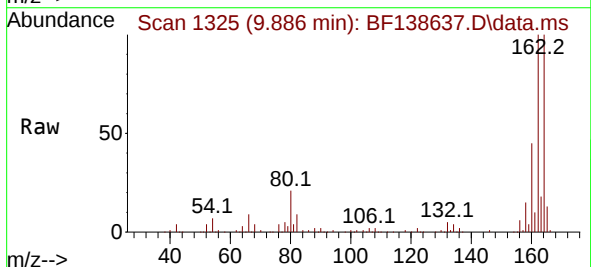
Instrument :
BNA_F
ClientSampleId :
PB162198TB

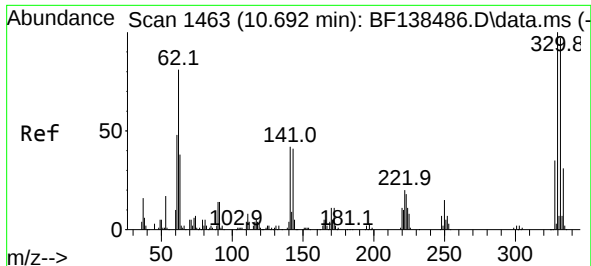
Tgt Ion: 82 Resp: 586717
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

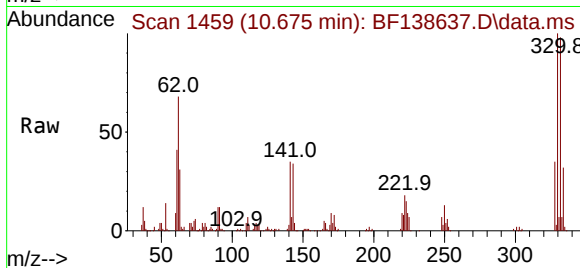
Tgt Ion:164 Resp: 167365
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.9 34.4 51.6



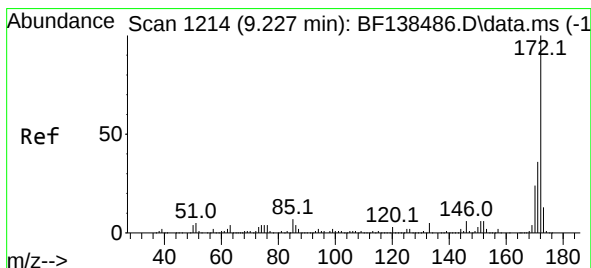
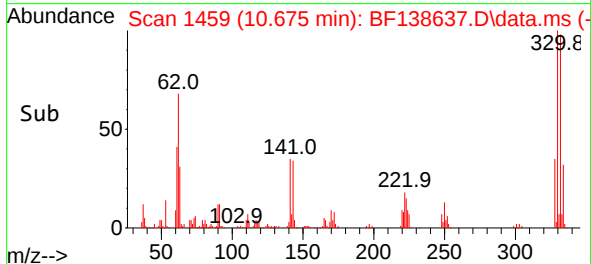
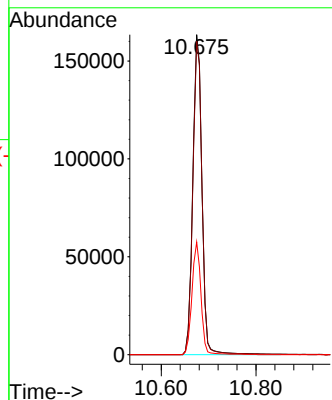


#42
2,4,6-Tribromophenol
Concen: 140.446 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB162198TB

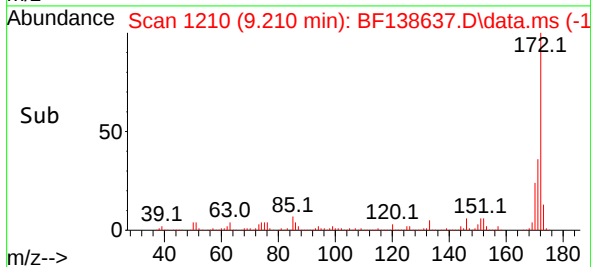
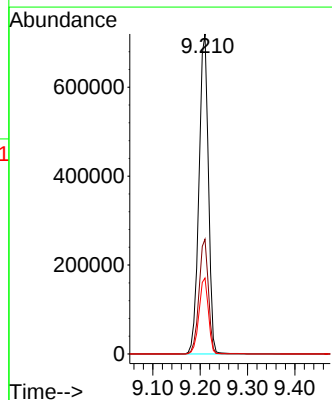
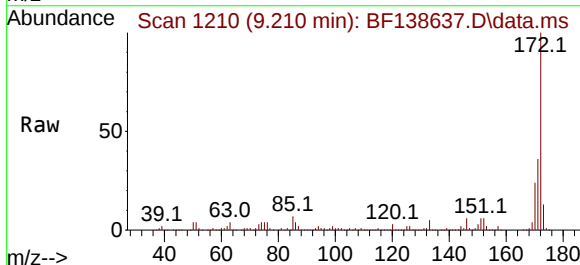


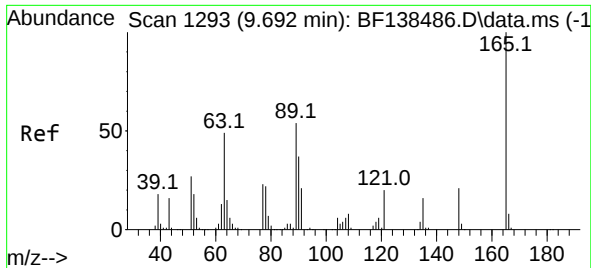
Tgt Ion:330 Resp: 219685
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 93.188 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion:172 Resp: 997908
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.7 18.9 28.3

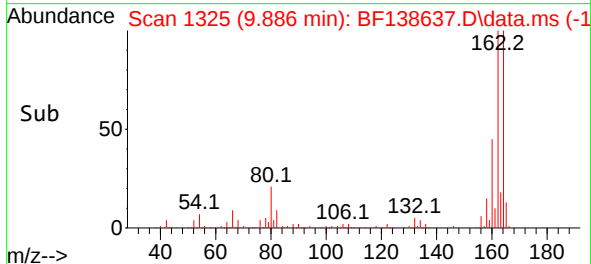
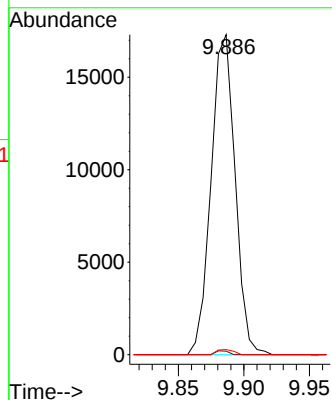
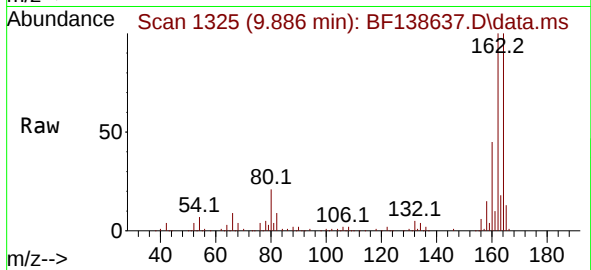




#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

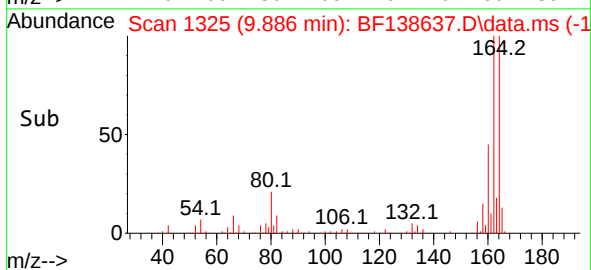
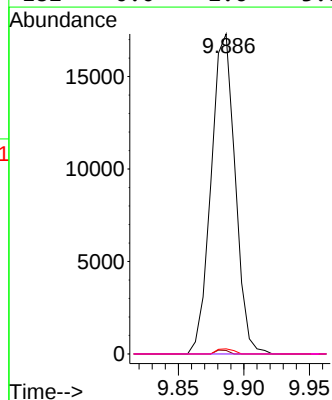
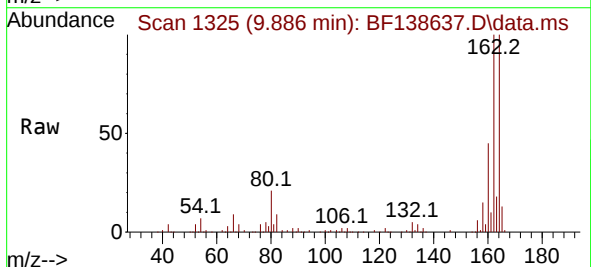
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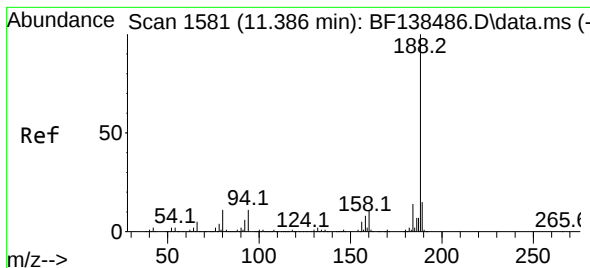
Tgt Ion:165 Resp: 22059
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.6 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.842 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion:165 Resp: 22059
Ion Ratio Lower Upper
165 100
63 1.1 44.6 66.8#
89 1.6 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB162198TB

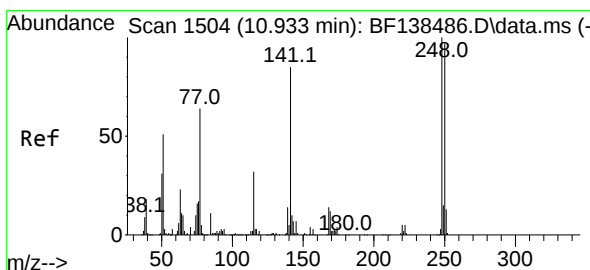
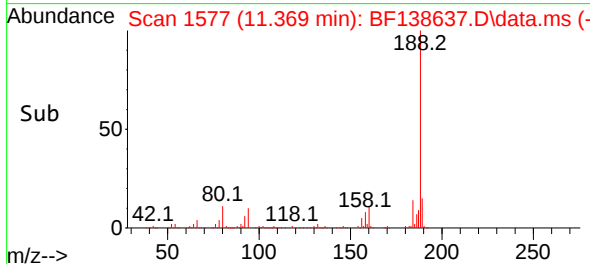
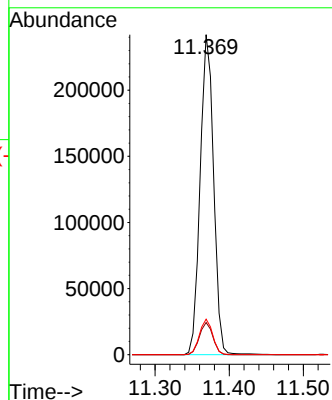
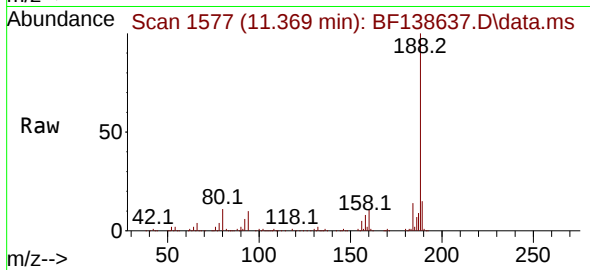
Tgt Ion:188 Resp: 304749

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.502 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

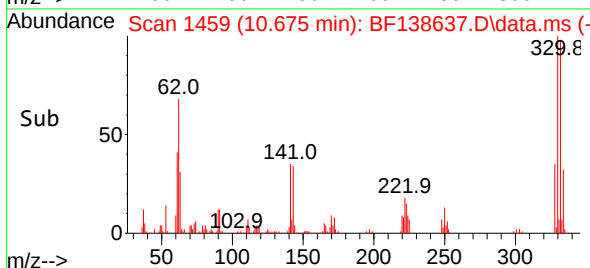
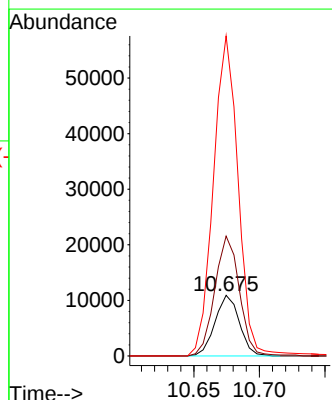
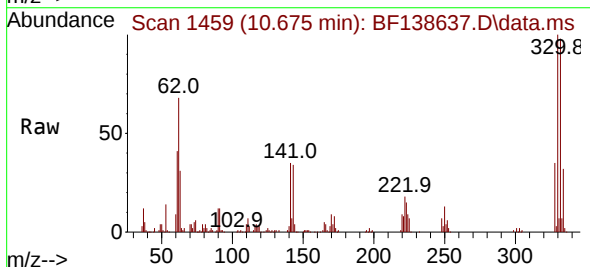
Tgt Ion:248 Resp: 14102

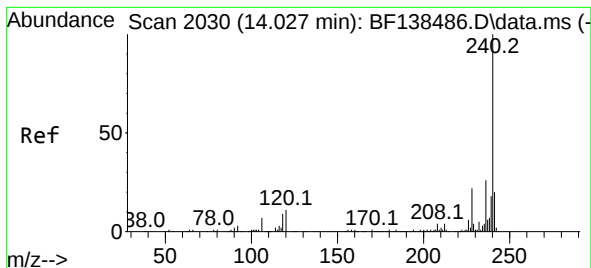
Ion Ratio Lower Upper

248 100

250 197.6 77.9 116.9#

141 527.9 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2030

Delta R.T. -0.023 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB162198TB

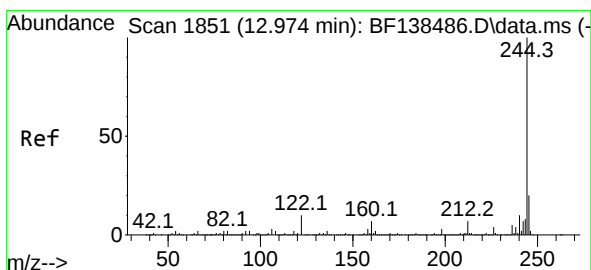
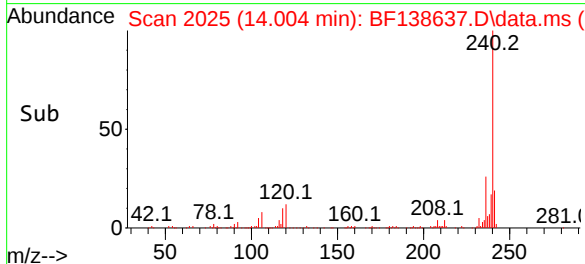
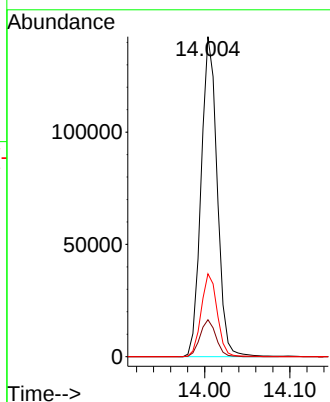
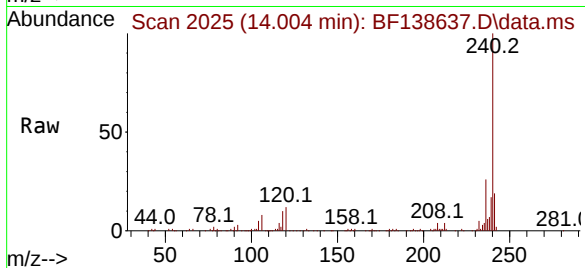
Tgt Ion:240 Resp: 186887

Ion Ratio Lower Upper

240 100

120 11.6 8.6 12.8

236 25.9 21.0 31.6



#79

Terphenyl-d14

Concen: 101.358 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.017 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

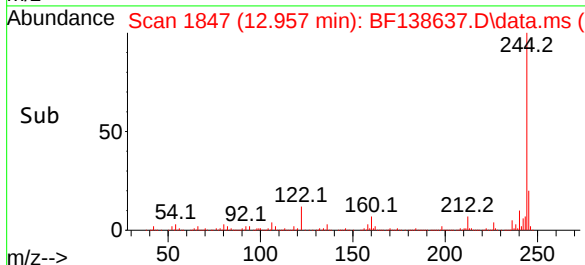
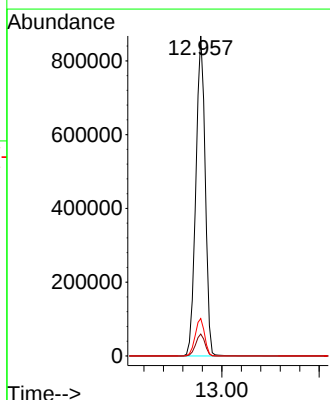
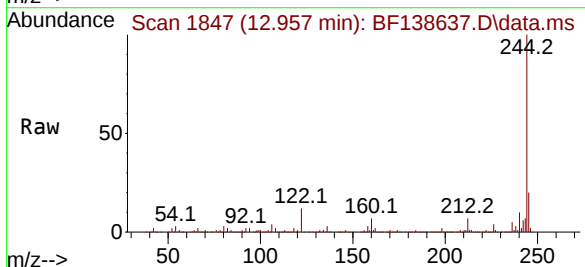
Tgt Ion:244 Resp: 1162745

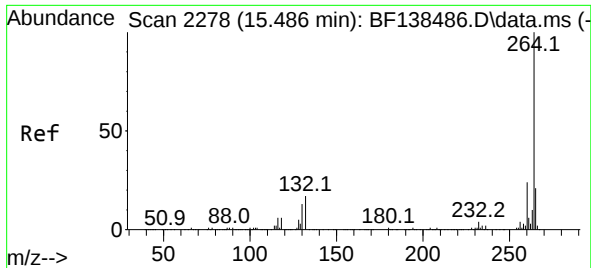
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF138637.D
 Acq: 24 Jul 2024 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB162198TB

Tgt Ion:264 Resp: 148093
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.5 17.0 25.4

