

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138638.D
 Acq On : 24 Jul 2024 14:03
 Operator : RC/JU
 Sample : PB162142BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162142BL

Quant Time: Jul 24 14:29:23 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)

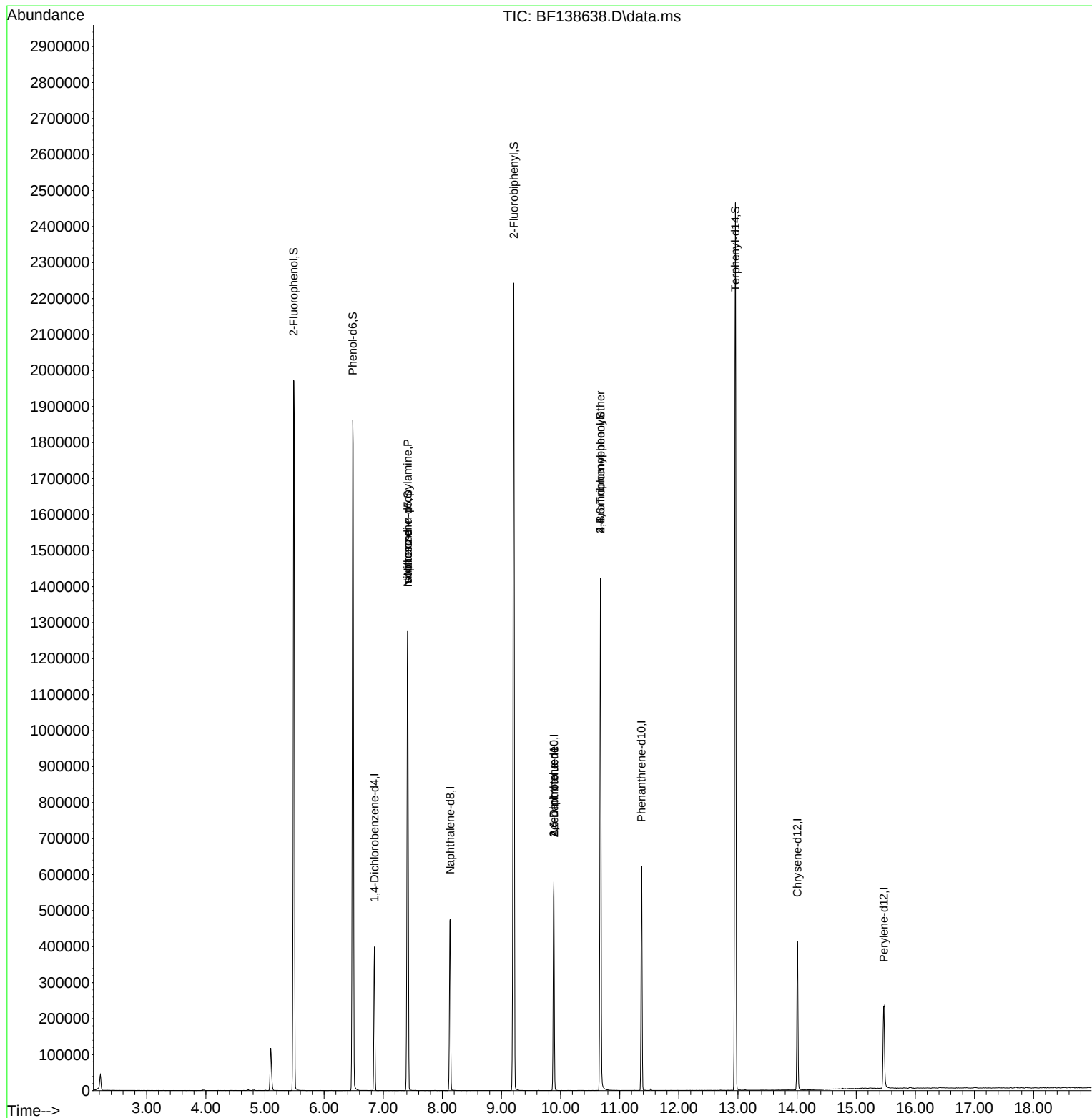
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	75928	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	313369	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	172868	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	313619	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	192014	20.000	ng	-0.02
86) Perylene-d12	15.468	264	149541	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	693368	144.627	ng	0.00
7) Phenol-d6	6.487	99	918711	144.051	ng	-0.02
23) Nitrobenzene-d5	7.416	82	614849	96.333	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	236416	146.331	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	1063011	96.107	ng	-0.02
79) Terphenyl-d14	12.957	244	1217249	103.276	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	85130	21.602	ng	# 71
25) Isophorone	7.416	82	612319	55.864	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	21427	8.325	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	21427	6.435	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	14869	4.613	ng	# 1

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

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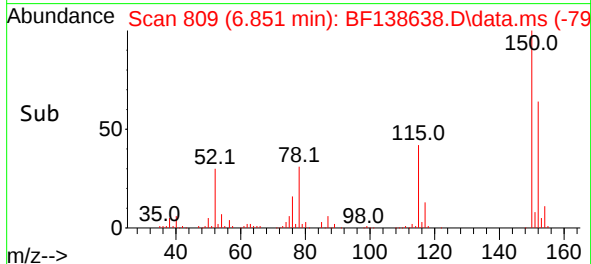
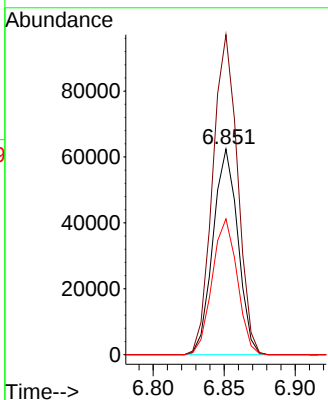
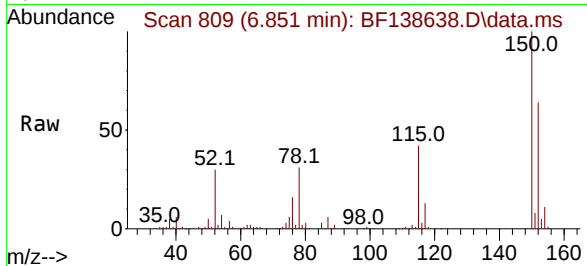




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

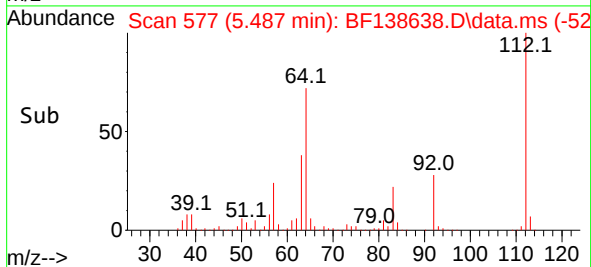
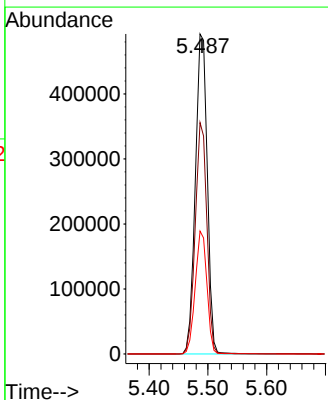
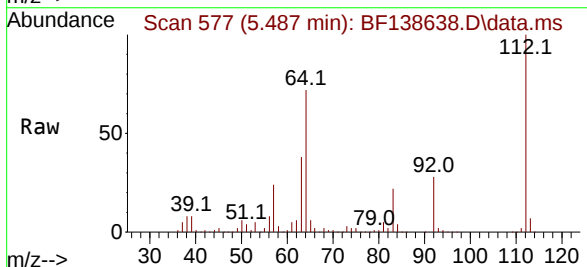
Instrument :
BNA_F
ClientSampleId :
PB162142BL

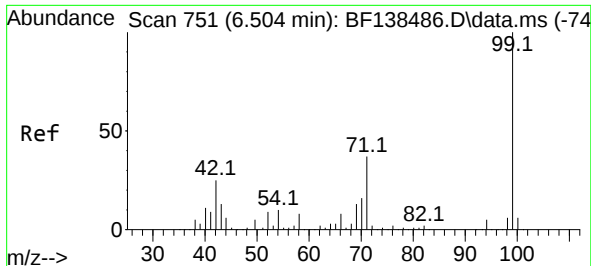
Tgt Ion:152 Resp: 75928
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 66.0 50.3 75.5



#5
2-Fluorophenol
Concen: 144.627 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

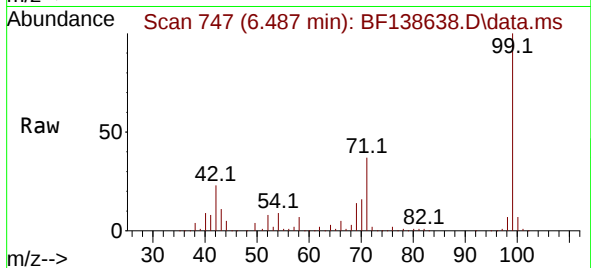
Tgt Ion:112 Resp: 693368
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 38.4 29.0 43.6



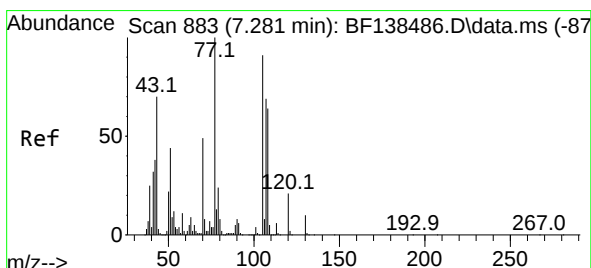
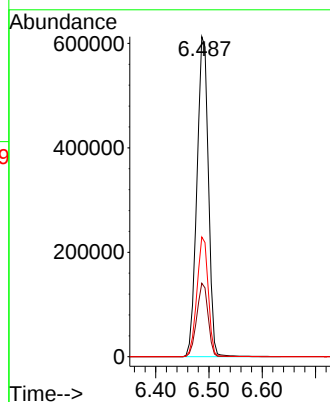
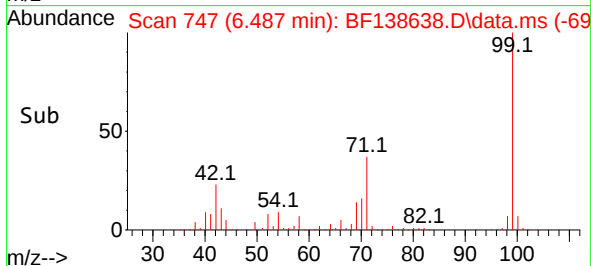


#7
Phenol-d6
Concen: 144.051 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

Instrument :
BNA_F
ClientSampleId :
PB162142BL

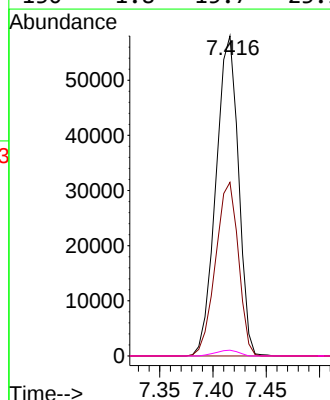
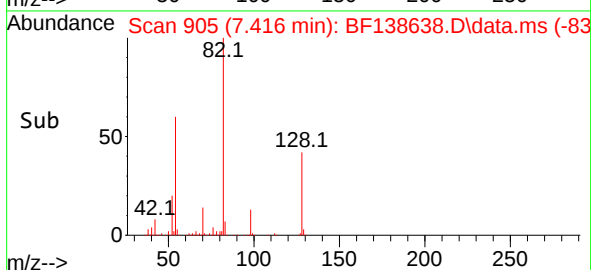
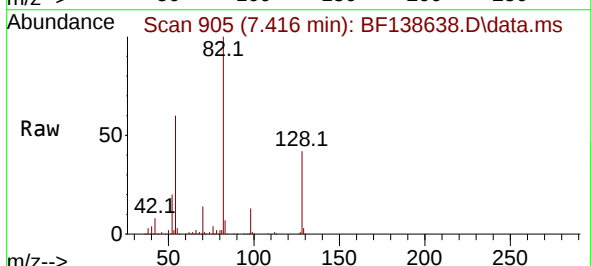


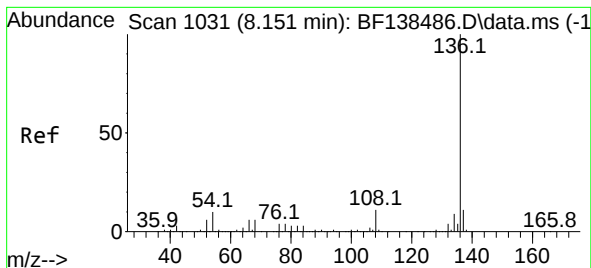
Tgt Ion: 99 Resp: 918711
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.602 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

Tgt Ion: 70 Resp: 85130
Ion Ratio Lower Upper
70 100
42 54.3 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# 1

Delta R.T. -0.018 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PB162142BL

Tgt Ion:136 Resp: 313369

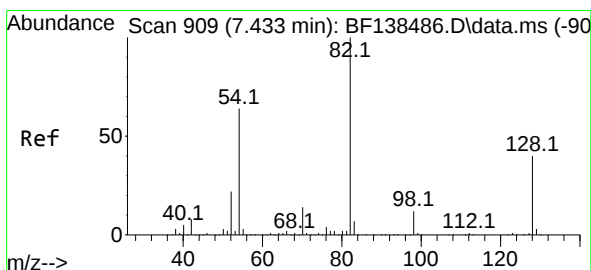
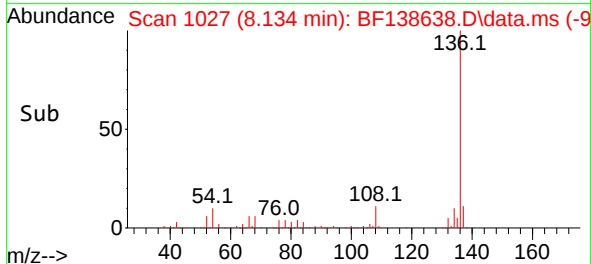
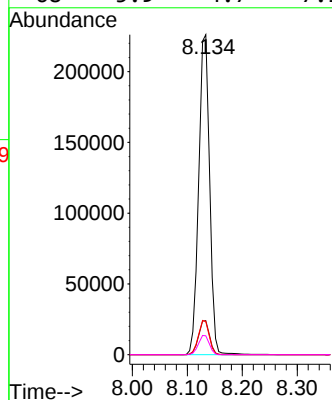
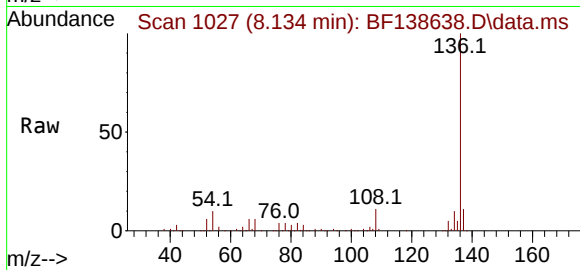
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.3 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 96.333 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

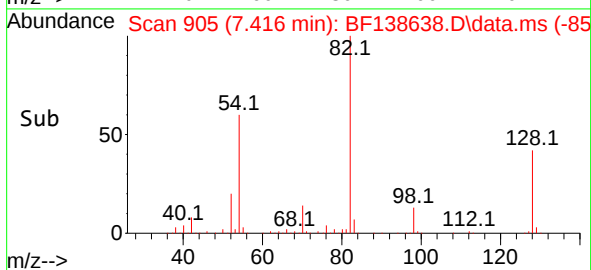
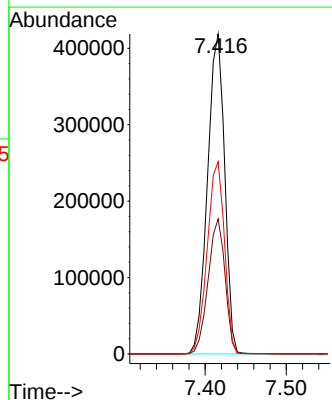
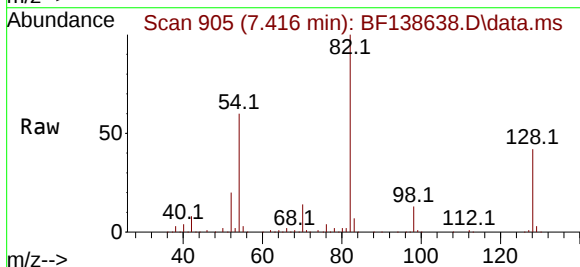
Tgt Ion: 82 Resp: 614849

Ion Ratio Lower Upper

82 100

128 42.2 32.3 48.5

54 60.0 51.4 77.0

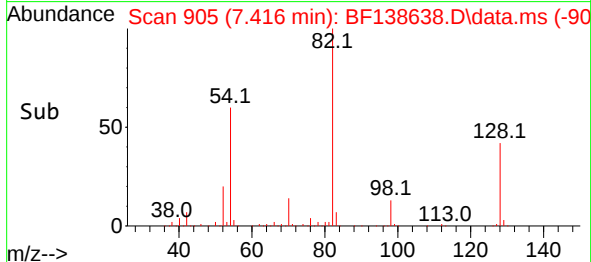
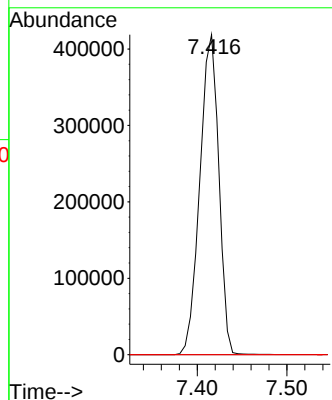
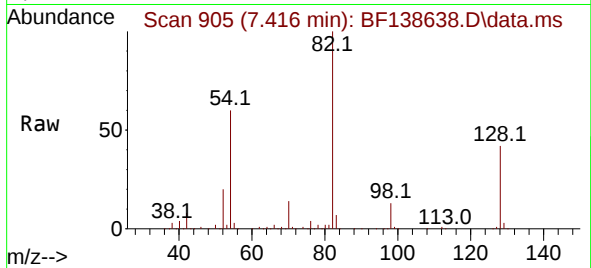




#25
Isophorone
Concen: 55.864 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

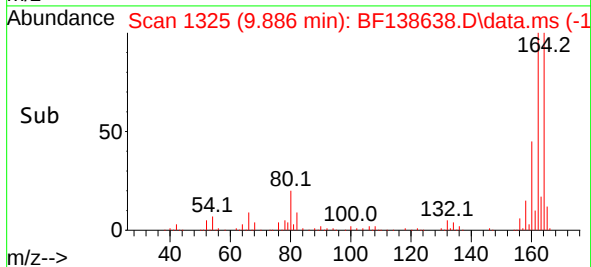
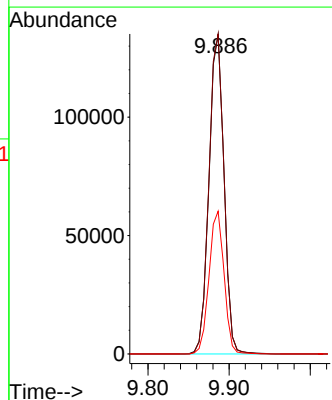
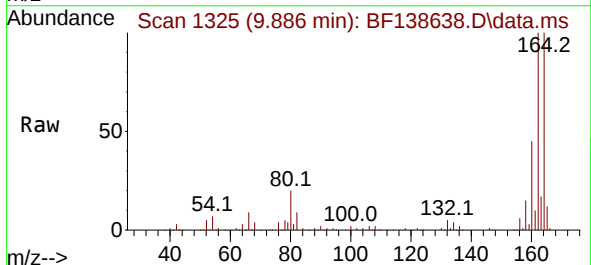
Instrument :
BNA_F
ClientSampleId :
PB162142BL

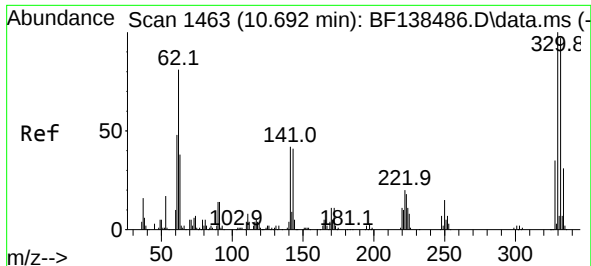
Tgt Ion: 82 Resp: 612319
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

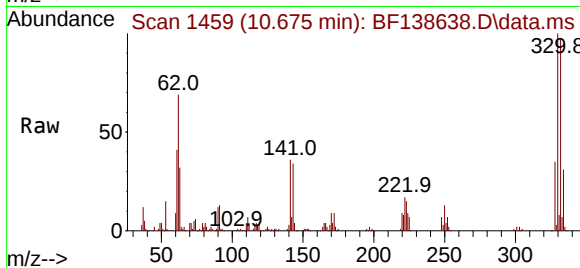
Tgt Ion:164 Resp: 172868
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.7 34.4 51.6



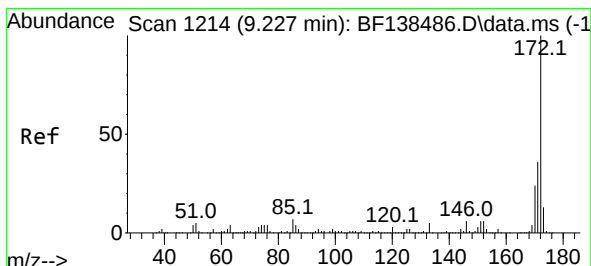
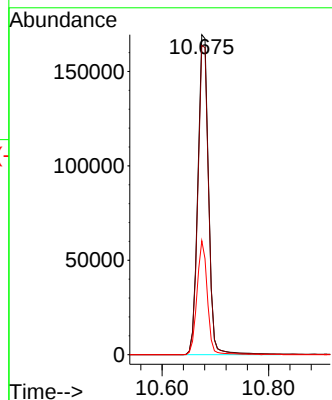
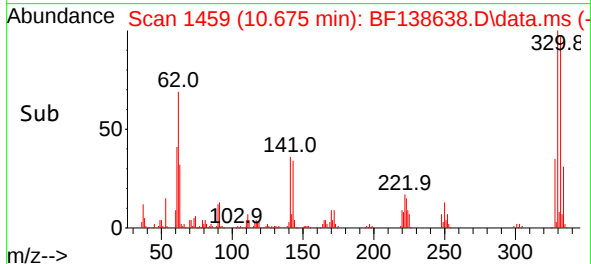


#42
2,4,6-Tribromophenol
Concen: 146.331 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

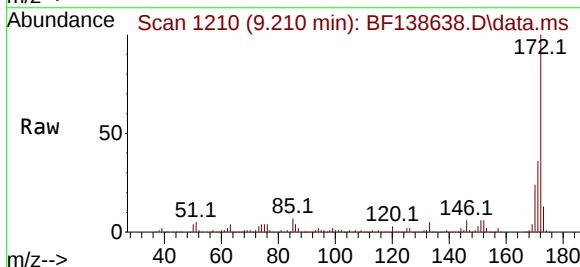
Instrument :
BNA_F
ClientSampleId :
PB162142BL



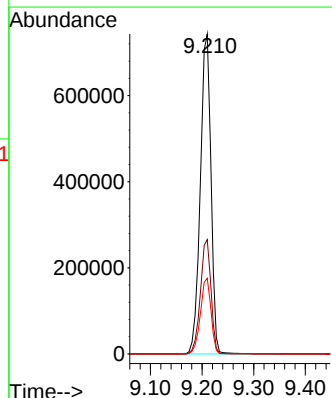
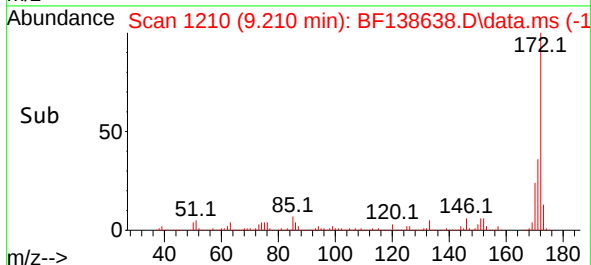
Tgt Ion:330 Resp: 236416
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 34.4 29.4 44.2

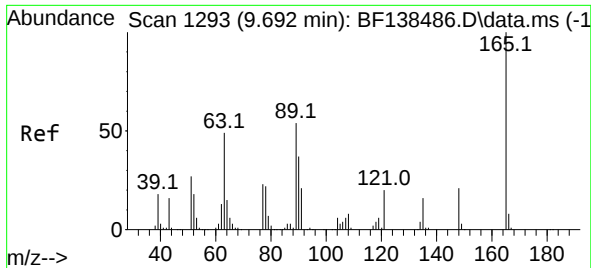


#45
2-Fluorobiphenyl
Concen: 96.107 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03



Tgt Ion:172 Resp: 1063011
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.6 18.9 28.3

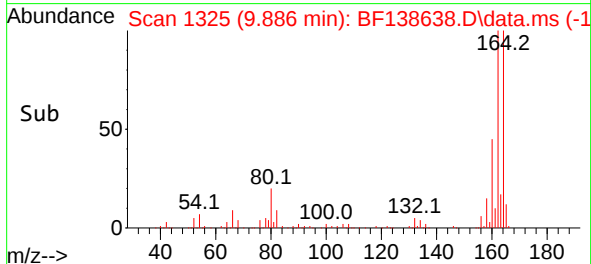
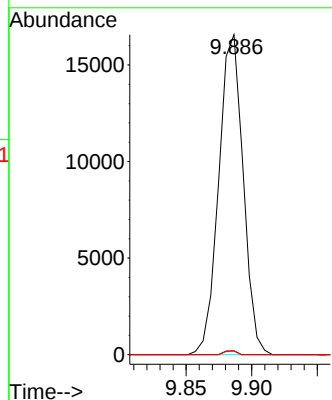
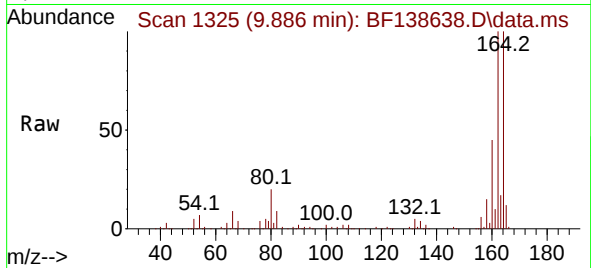




#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

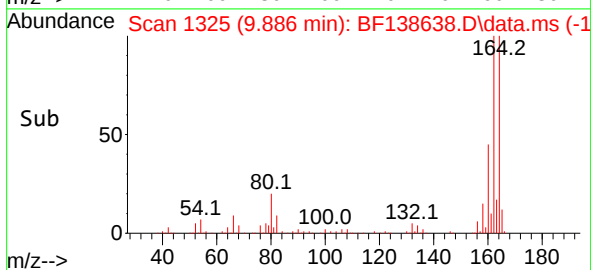
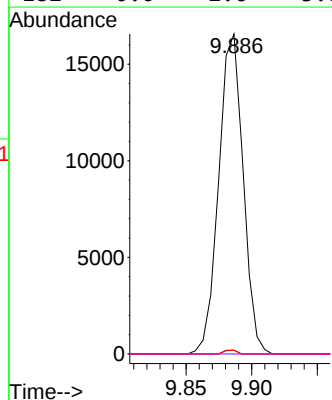
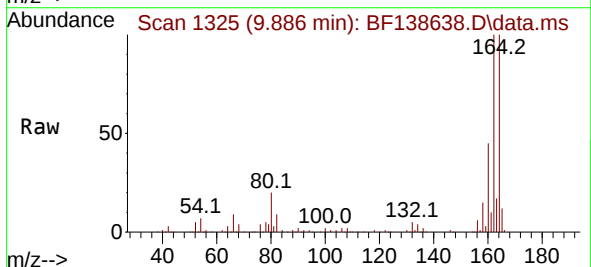
Instrument :
BNA_F
ClientSampleId :
PB162142BL

Tgt Ion:165 Resp: 21427
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138638.D
Acq: 24 Jul 2024 14:03

Tgt Ion:165 Resp: 21427
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.1 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. -0.018 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PB162142BL

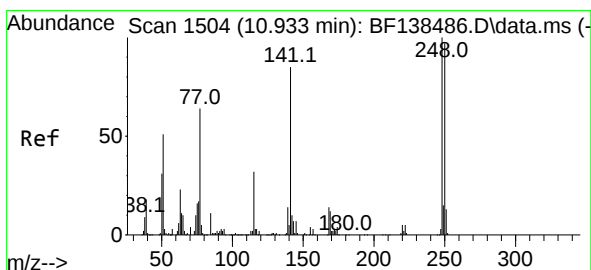
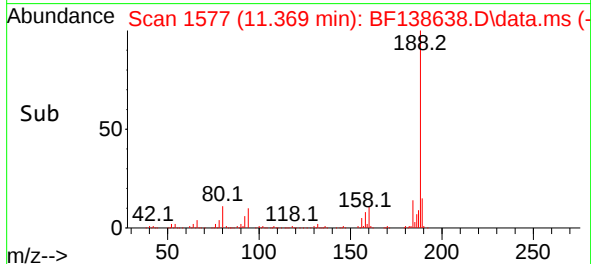
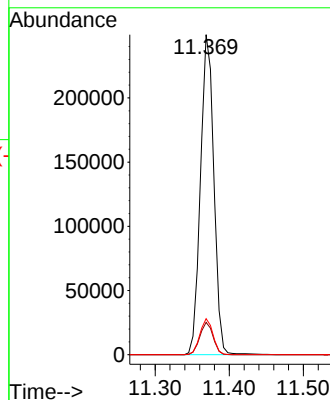
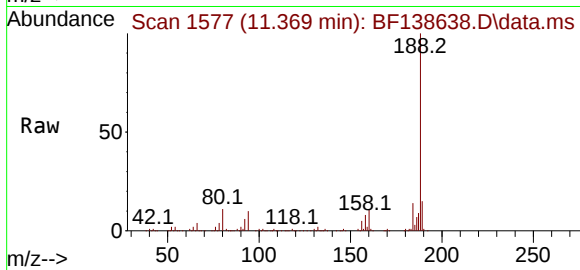
Tgt Ion:188 Resp: 313619

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.613 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

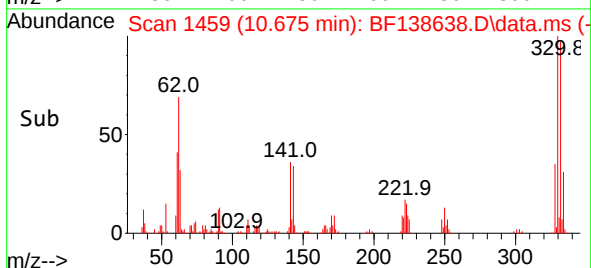
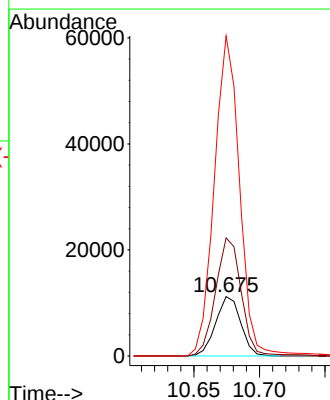
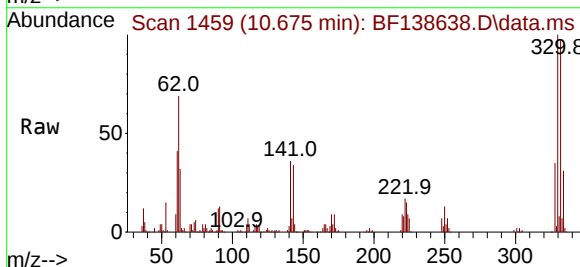
Tgt Ion:248 Resp: 14869

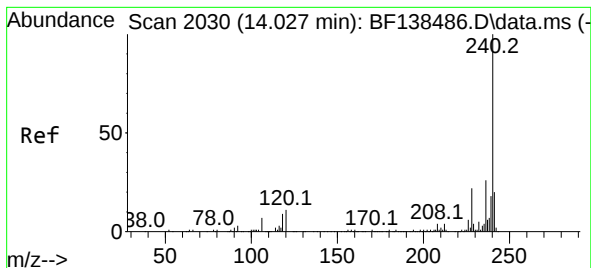
Ion Ratio Lower Upper

248 100

250 198.9 77.9 116.9#

141 538.8 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: BF138638.D

Acq: 24 Jul 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PB162142BL

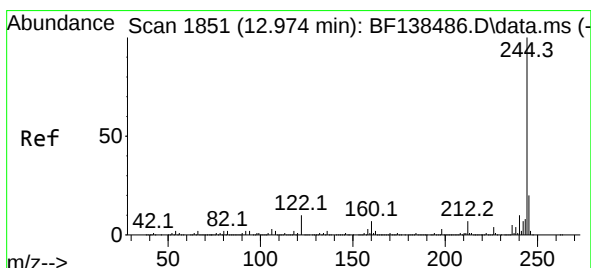
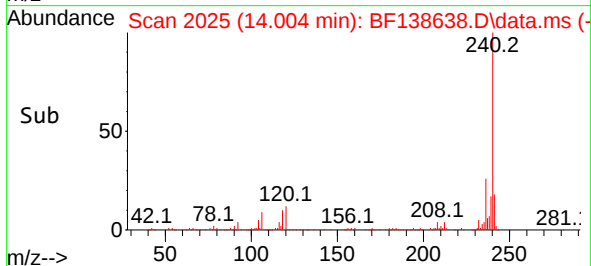
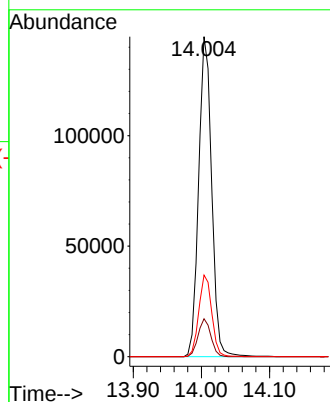
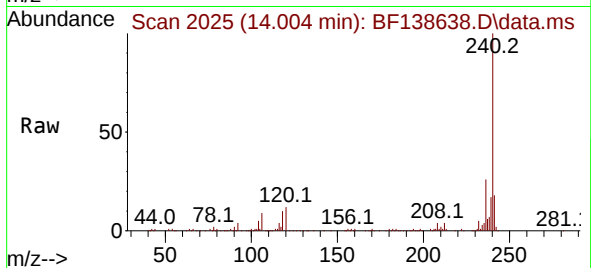
Tgt Ion:240 Resp: 192014

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 25.5 21.0 31.6



#79

Terphenyl-d14

Concen: 103.276 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.018 min

Lab File: BF138638.D

Acq: 24 Jul 2024 14:03

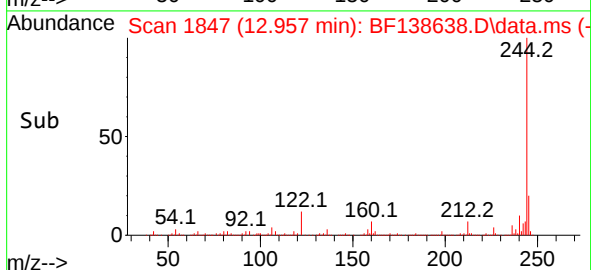
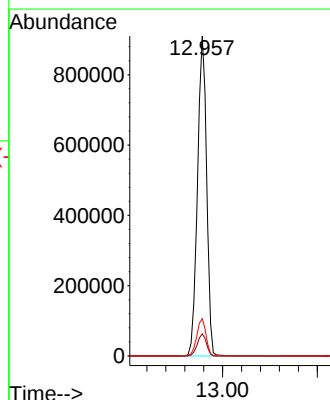
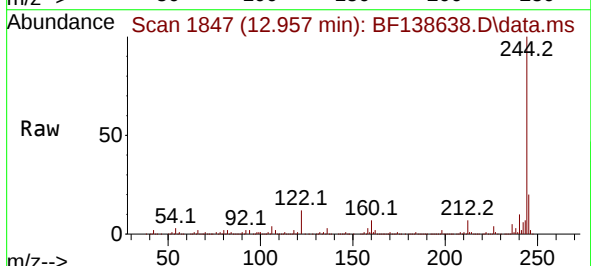
Tgt Ion:244 Resp: 1217249

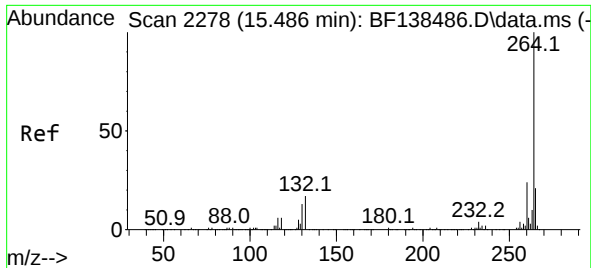
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.6 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF138638.D
 Acq: 24 Jul 2024 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB162142BL

Tgt Ion:264 Resp: 149541
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.4 17.0 25.4

