

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138639.D
 Acq On : 24 Jul 2024 14:34
 Operator : RC/JU
 Sample : PB162256BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BL

Quant Time: Jul 24 15:49:20 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)

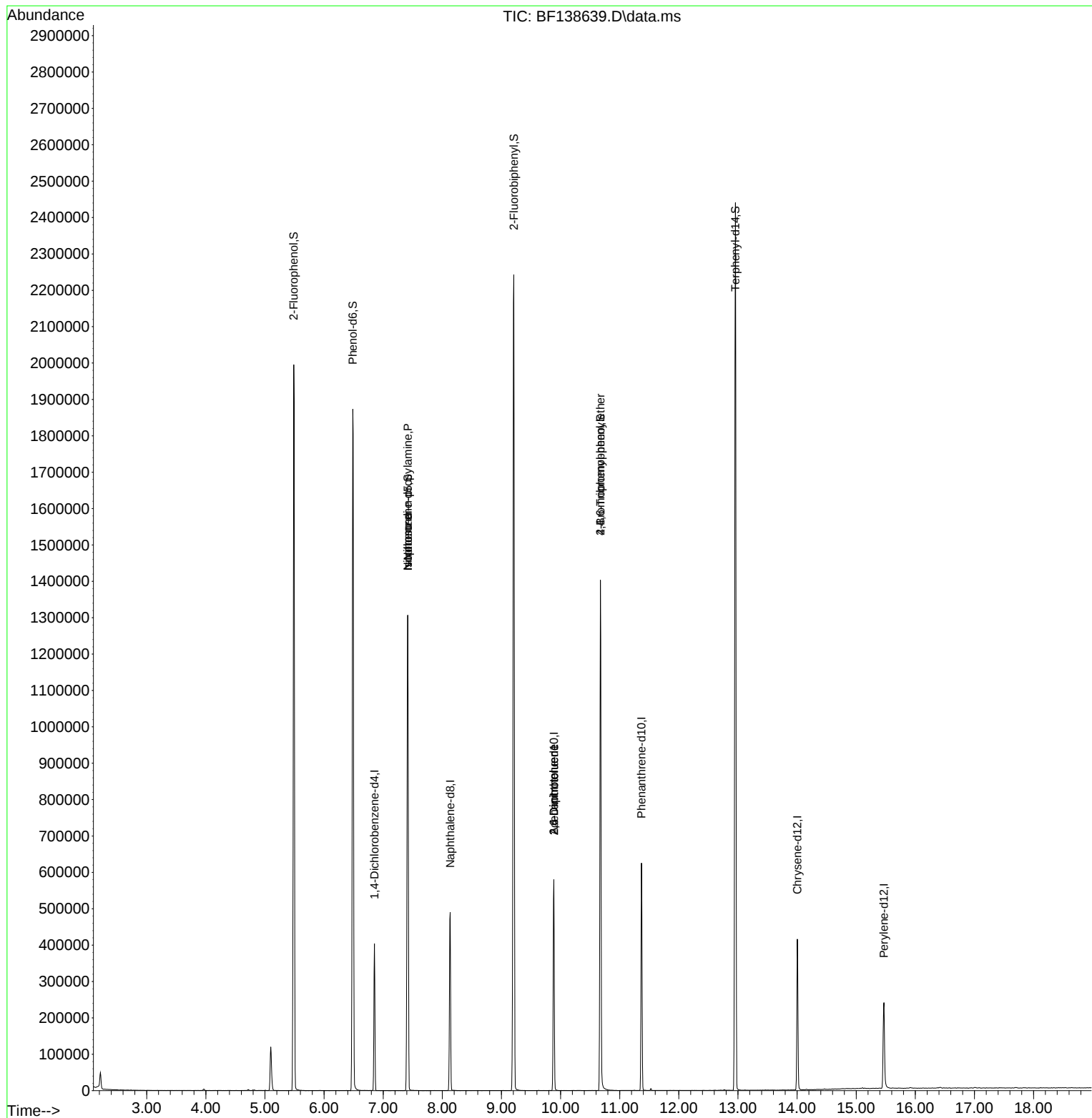
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	75388	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	314692	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	173622	20.000	ng	-0.02
64) Phenanthrene-d10	11.368	188	311033	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	191049	20.000	ng	-0.02
86) Perylene-d12	15.468	264	150505	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	700795	147.223	ng	0.00
7) Phenol-d6	6.486	99	925962	146.228	ng	-0.02
23) Nitrobenzene-d5	7.416	82	618189	96.449	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	231776	142.836	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	1056442	95.098	ng	-0.02
79) Terphenyl-d14	12.957	244	1209497	103.137	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	83642	21.377	ng	# 71
25) Isophorone	7.416	82	615368	55.906	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	21637	8.370	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	21637	6.469	ng	# 19
67) 4-Bromophenyl-phenylether	10.674	248	15166	4.744	ng	# 1

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

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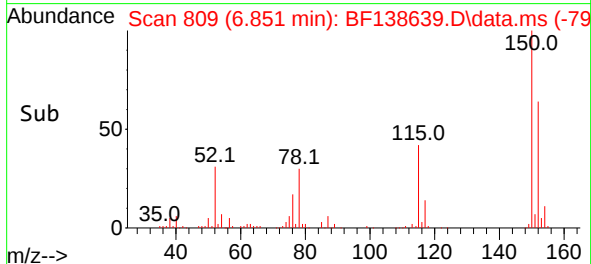
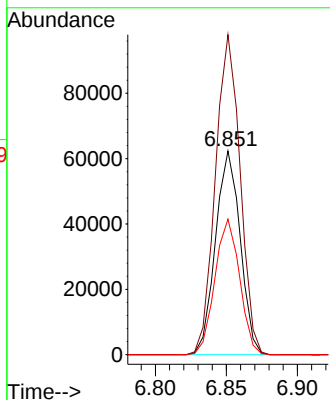
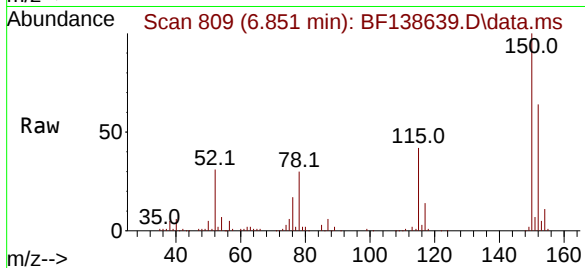




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

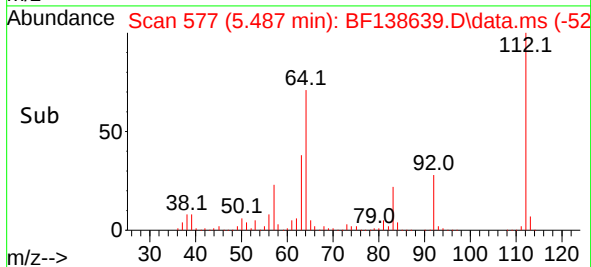
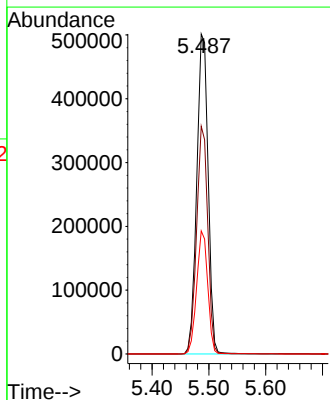
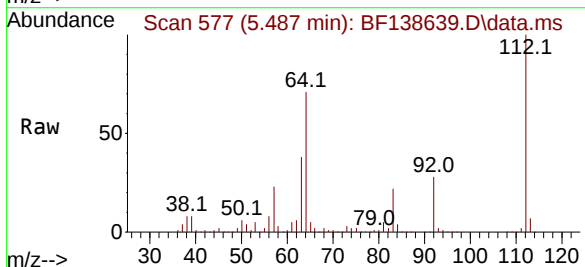
Instrument :
BNA_F
ClientSampleId :
PB162256BL

Tgt Ion:152 Resp: 75388
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 66.5 50.3 75.5



#5
2-Fluorophenol
Concen: 147.223 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Tgt Ion:112 Resp: 700795
Ion Ratio Lower Upper
112 100
64 71.2 55.1 82.7
63 38.5 29.0 43.6

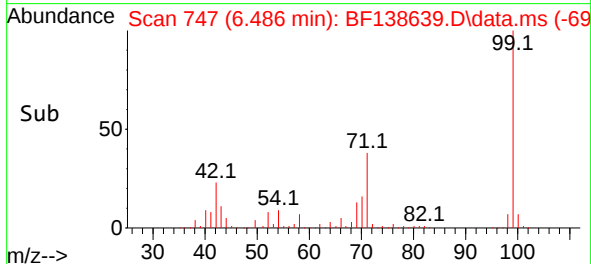
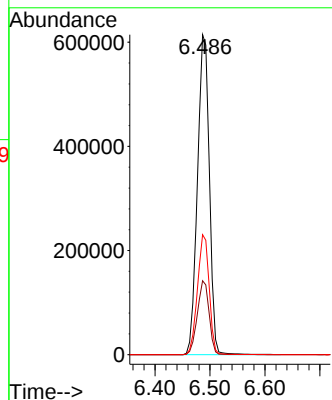
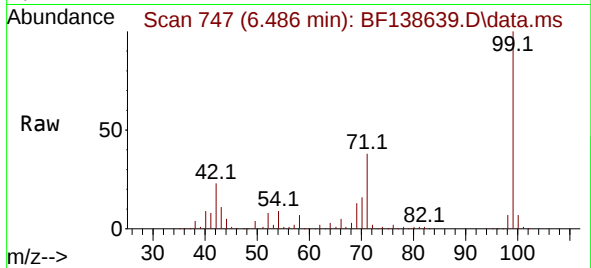




#7
Phenol-d6
Concen: 146.228 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

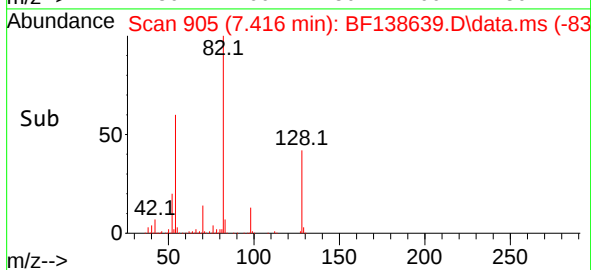
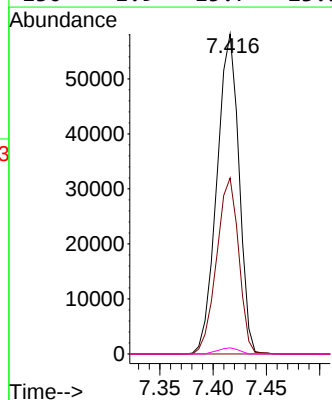
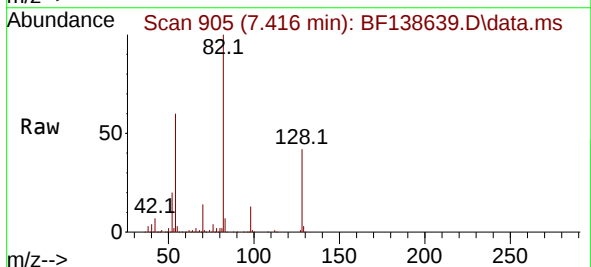
Instrument :
BNA_F
ClientSampleId :
PB162256BL

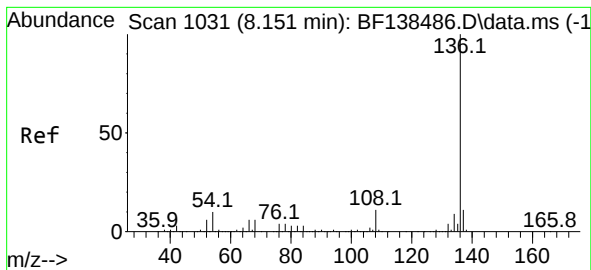
Tgt Ion: 99 Resp: 925962
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 37.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.377 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Tgt Ion: 70 Resp: 83642
Ion Ratio Lower Upper
70 100
42 55.0 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

Instrument :

BNA_F

ClientSampleId :

PB162256BL

Tgt Ion:136 Resp: 314692

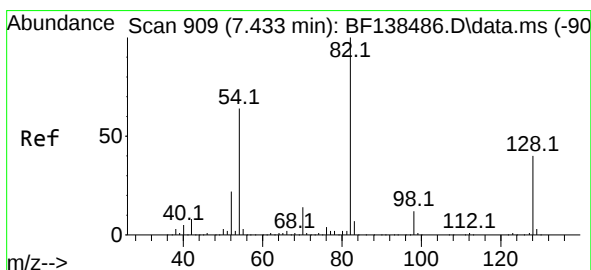
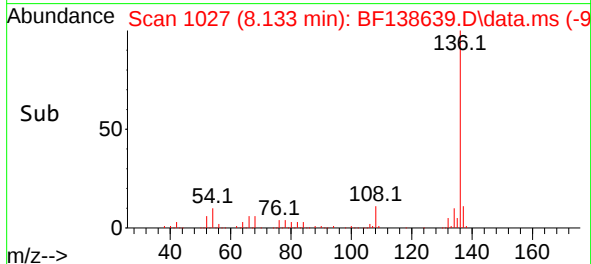
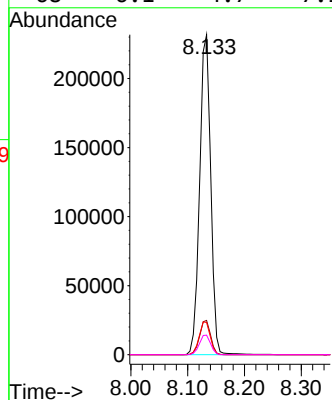
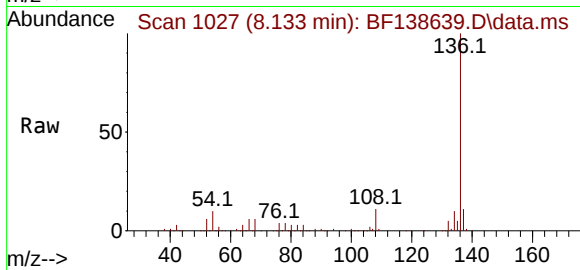
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.1 8.1 12.1

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 96.449 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

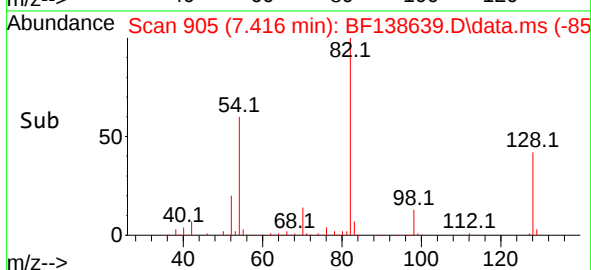
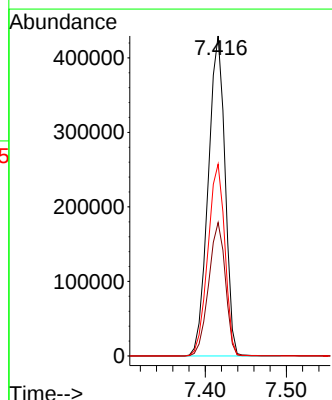
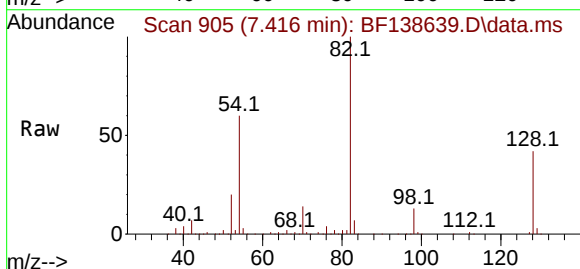
Tgt Ion: 82 Resp: 618189

Ion Ratio Lower Upper

82 100

128 41.7 32.3 48.5

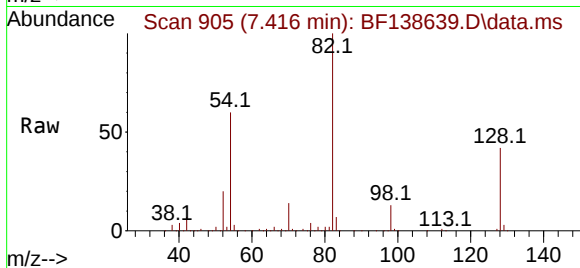
54 59.9 51.4 77.0



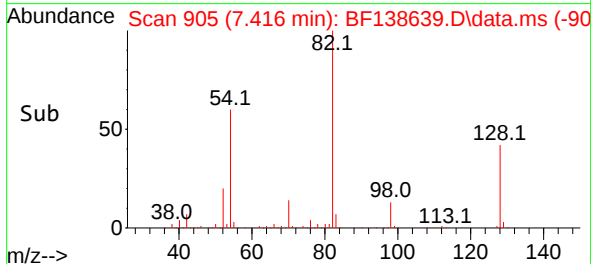
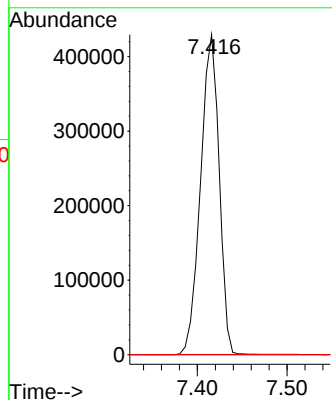


#25
Isophorone
Concen: 55.906 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Instrument :
BNA_F
ClientSampleId :
PB162256BL

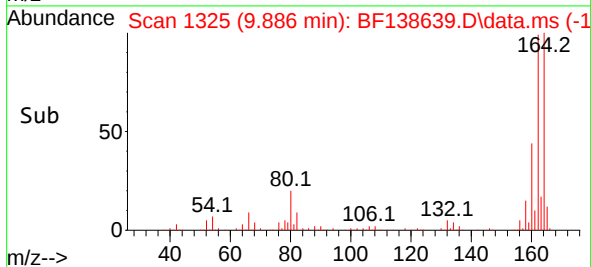
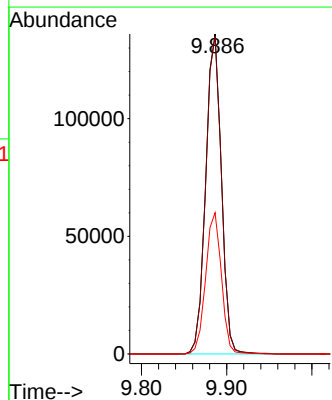
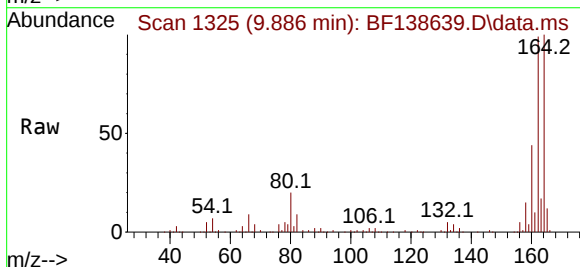


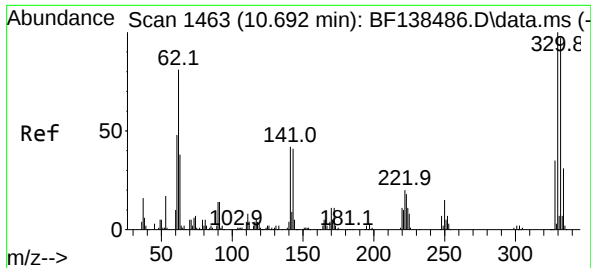
Tgt Ion: 82 Resp: 615368
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

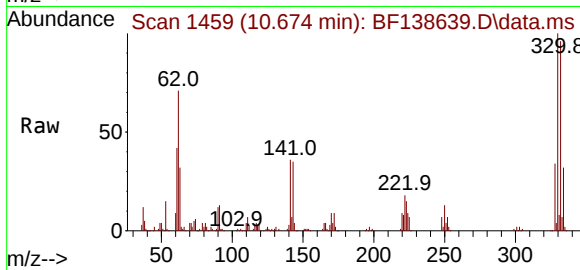
Tgt Ion: 164 Resp: 173622
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.6
160 44.2 34.4 51.6



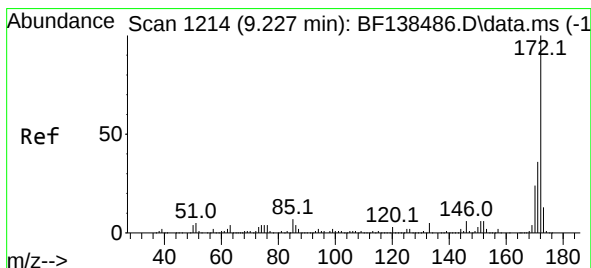
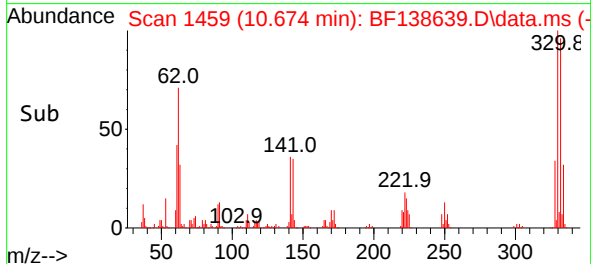
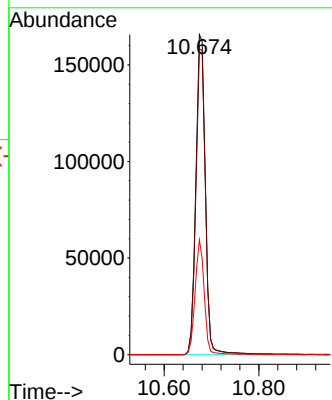


#42
2,4,6-Tribromophenol
Concen: 142.836 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Instrument :
BNA_F
ClientSampleId :
PB162256BL

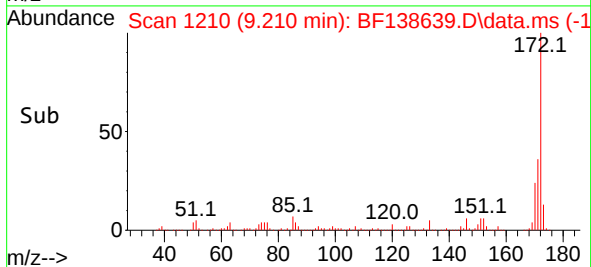
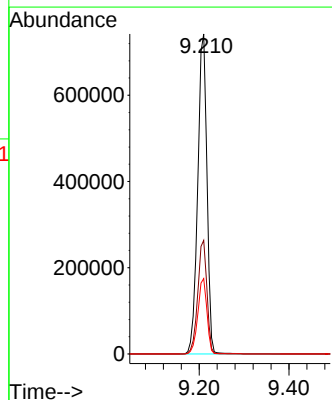
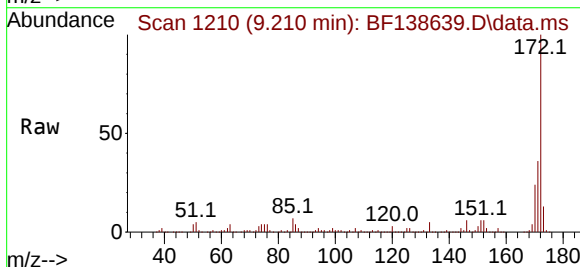


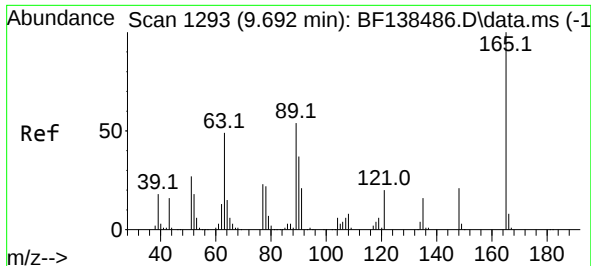
Tgt Ion: 330 Resp: 231776
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 95.098 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Tgt Ion: 172 Resp: 1056442
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.370 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

Instrument :

BNA_F

ClientSampleId :

PB162256BL

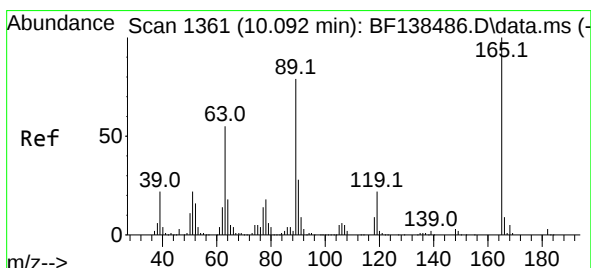
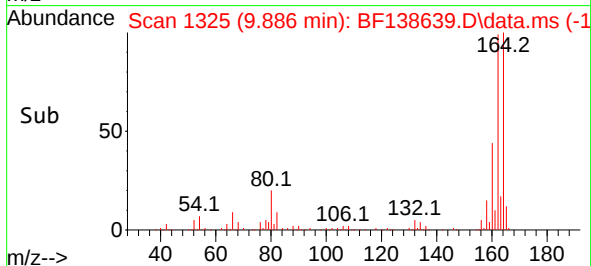
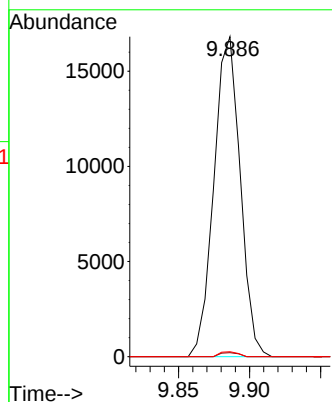
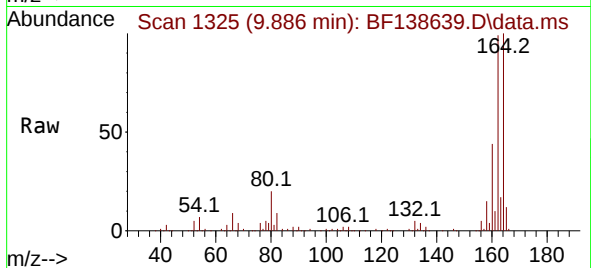
Tgt Ion:165 Resp: 21637

Ion Ratio Lower Upper

165 100

63 1.2 48.1 72.1#

89 1.6 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.469 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

Tgt Ion:165 Resp: 21637

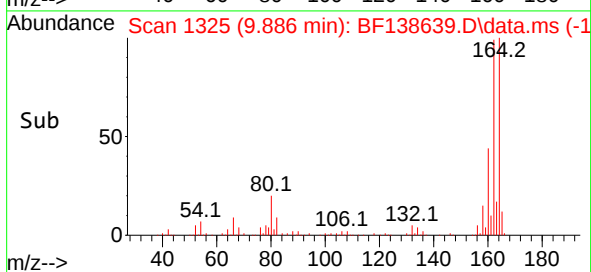
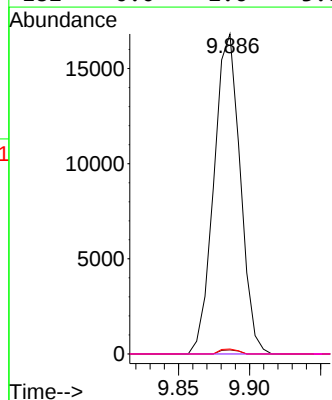
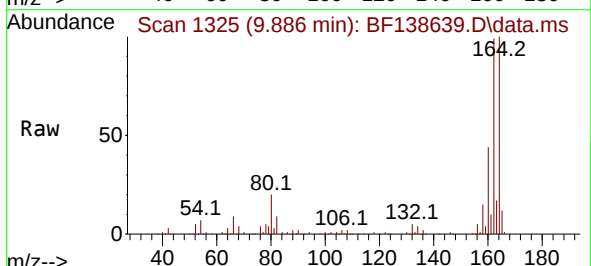
Ion Ratio Lower Upper

165 100

63 1.2 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: 11.368 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

Instrument :

BNA_F

ClientSampleId :

PB162256BL

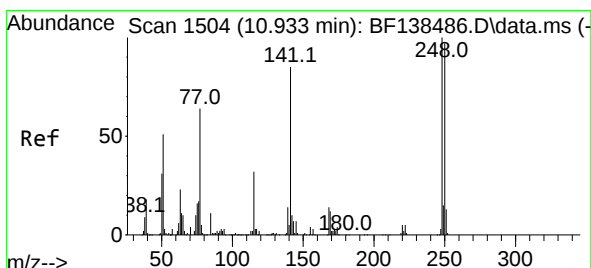
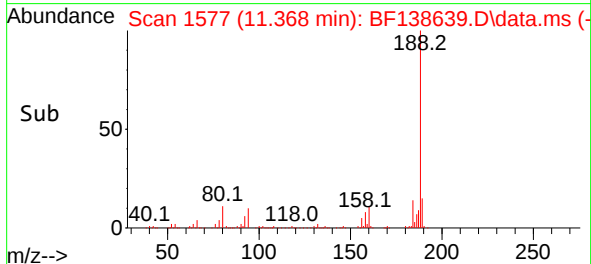
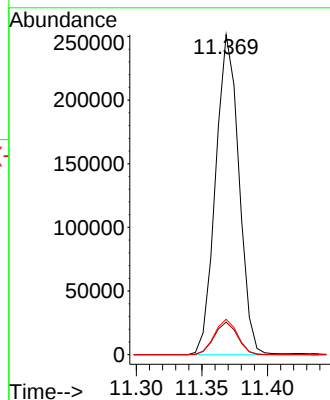
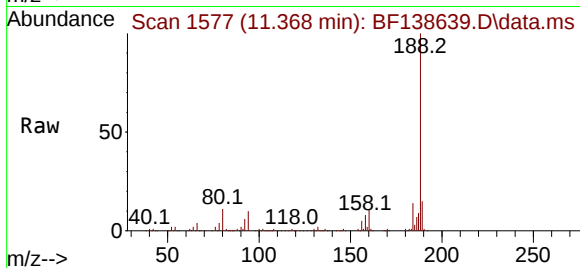
Tgt Ion:188 Resp: 311033

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.744 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138639.D

Acq: 24 Jul 2024 14:34

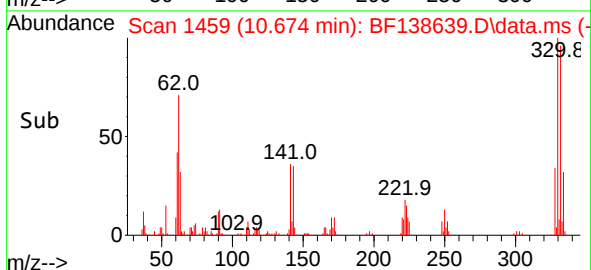
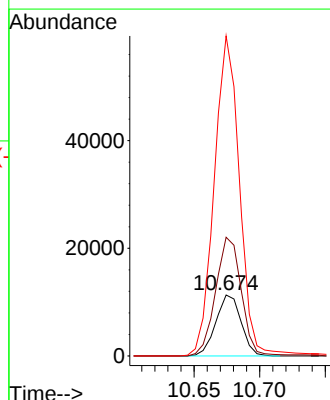
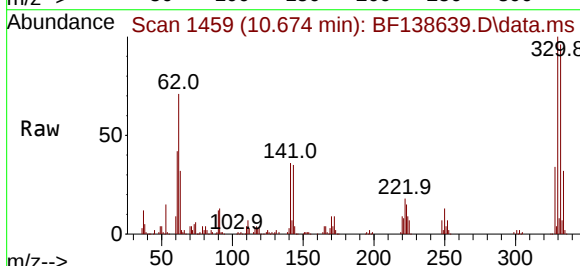
Tgt Ion:248 Resp: 15166

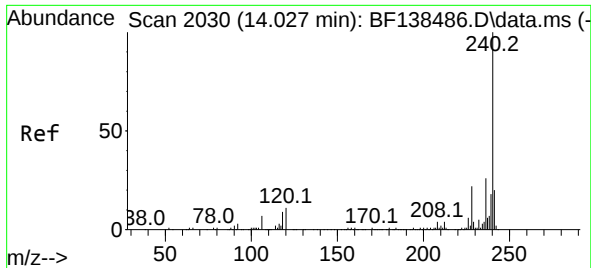
Ion Ratio Lower Upper

248 100

250 194.7 77.9 116.9#

141 524.8 67.7 101.5#

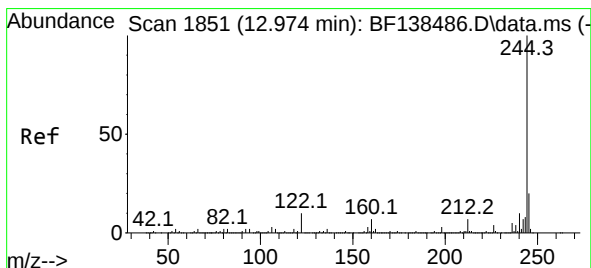
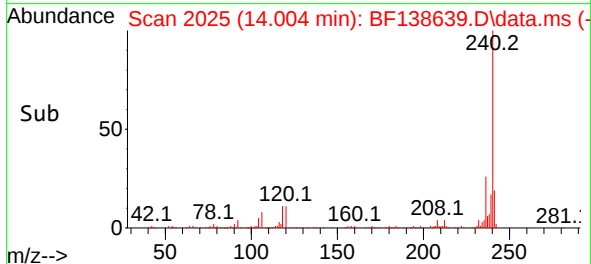
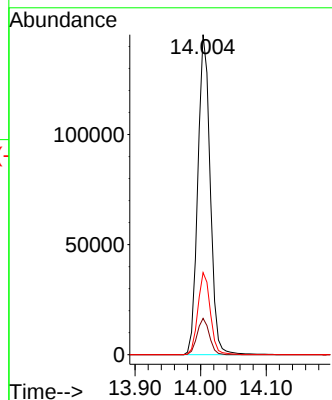
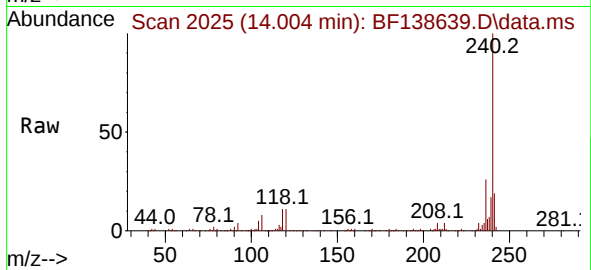




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2030
Delta R.T. -0.024 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

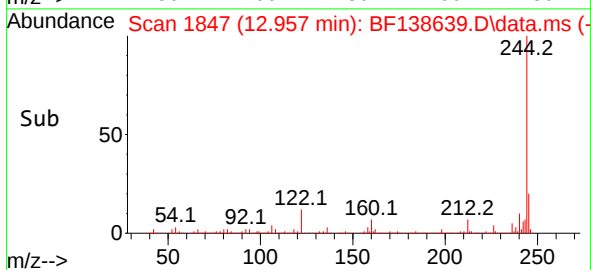
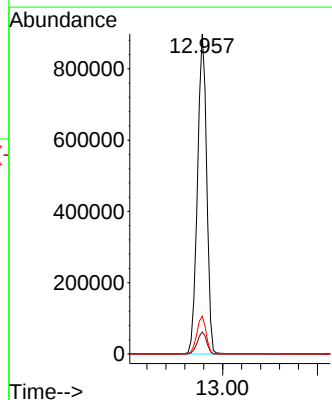
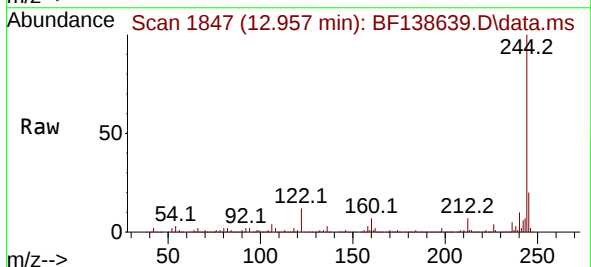
Instrument :
BNA_F
ClientSampleId :
PB162256BL

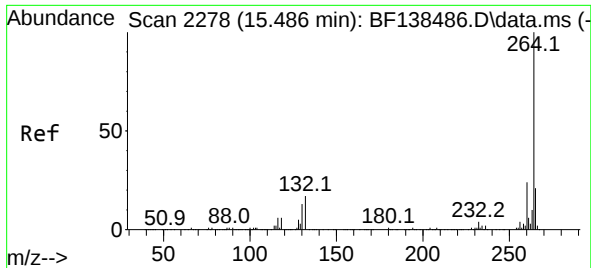
Tgt Ion:240 Resp: 191049
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 103.137 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BF138639.D
Acq: 24 Jul 2024 14:34

Tgt Ion:244 Resp: 1209497
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.8 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: BF138639.D
 Acq: 24 Jul 2024 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BL

Tgt Ion:264 Resp: 150505
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.0 28.6
 265 21.2 17.0 25.4

