

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138955.D
 Acq On : 13 Aug 2024 01:56
 Operator : RC/JU
 Sample : P3548-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: Aug 13 02:59:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

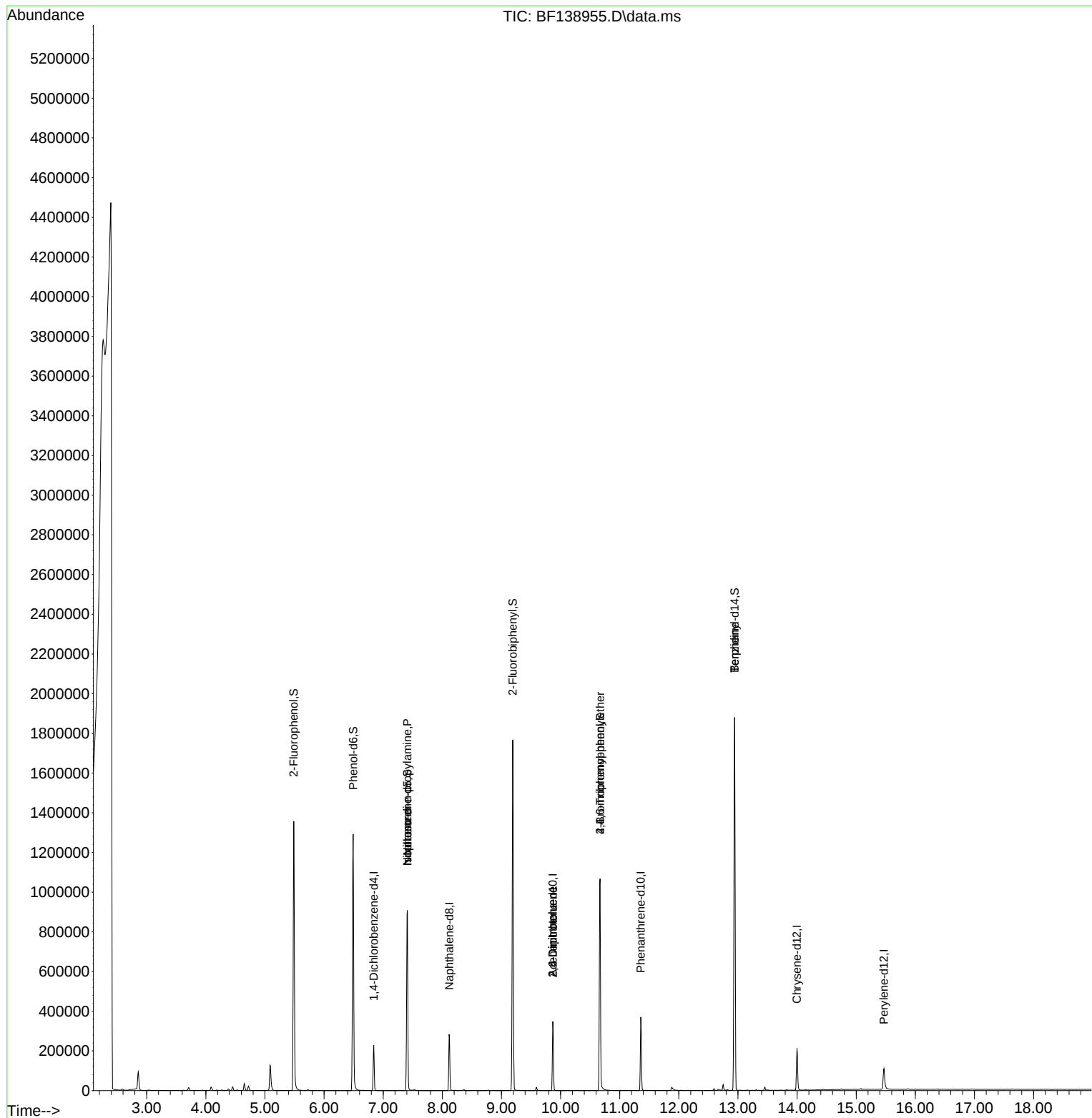
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	41455	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	173712	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101353	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	189884	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	105501	20.000	ng	0.00
86) Perylene-d12	15.468	264	75103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	462358	172.167	ng	0.02
7) Phenol-d6	6.492	99	592565	164.347	ng	0.00
23) Nitrobenzene-d5	7.410	82	411423	115.795	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	167073	201.240	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	761209	112.845	ng	-0.01
79) Terphenyl-d14	12.945	244	933223	148.100	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	56656	26.016	ng	# 78
25) Isophorone	7.410	82	411419	67.813	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12623	8.631	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12623	6.765	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	12165	5.917	ng	# 1
77) Benzidine	12.945	184	13368	5.298	ng	# 94

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

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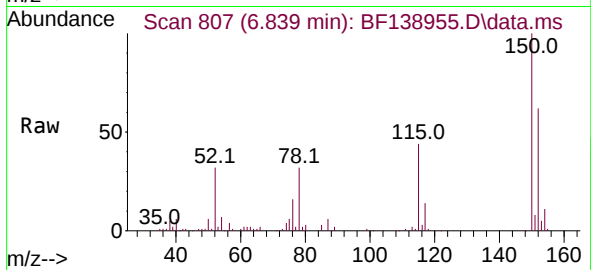
Quant Time: Aug 13 02:59:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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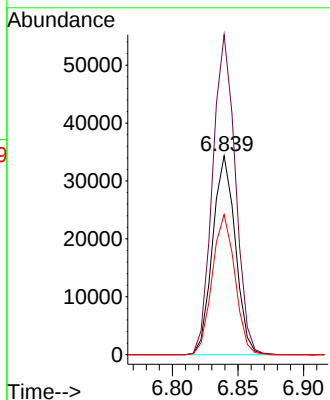
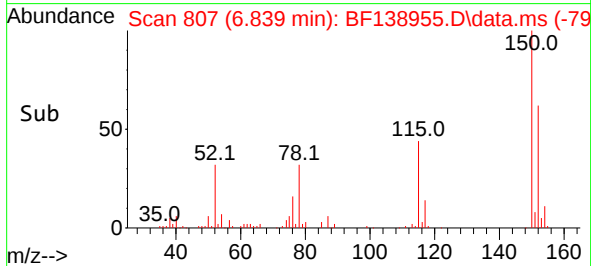


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

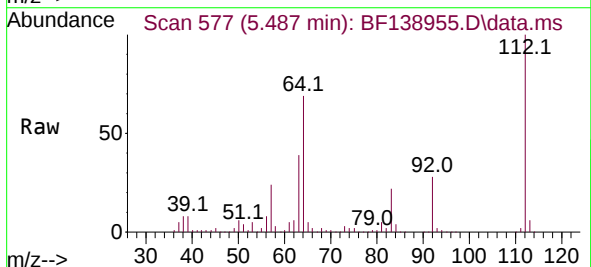
Instrument :
BNA_F
ClientSampleId :
RBR200036



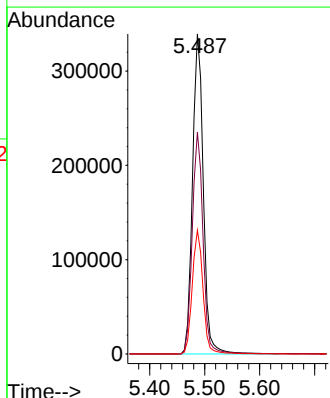
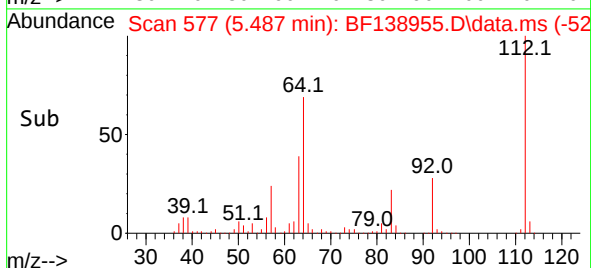
Tgt Ion:152 Resp: 41455
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 70.5 51.7 77.5



#5
2-Fluorophenol
Concen: 172.167 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56



Tgt Ion:112 Resp: 462358
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 38.6 28.7 43.1

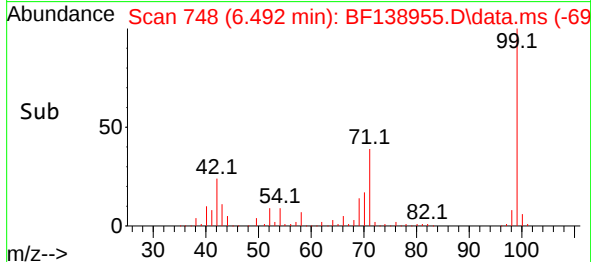
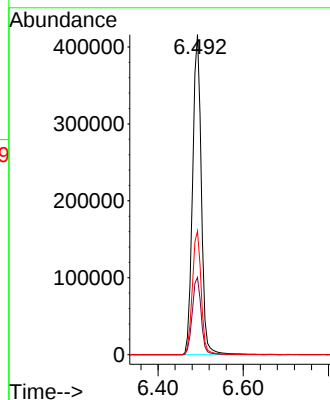
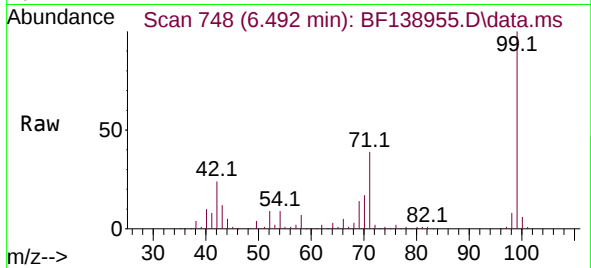




#7
Phenol-d6
Concen: 164.347 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

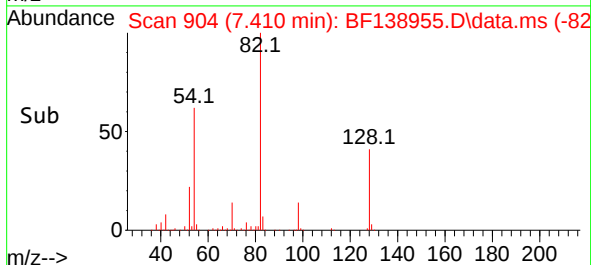
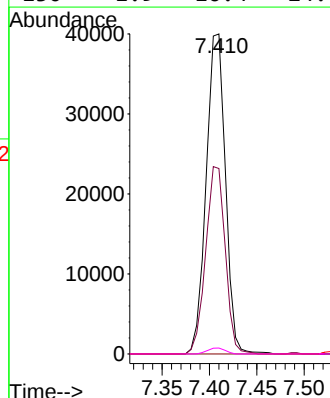
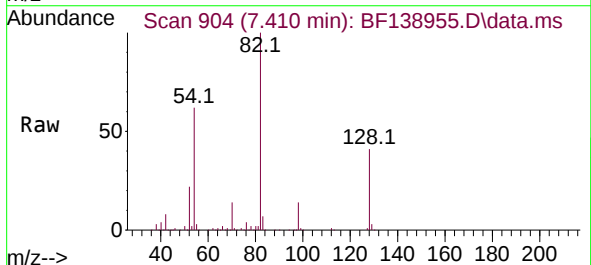
Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion: 99 Resp: 592565
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 26.016 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Tgt Ion: 70 Resp: 56656
Ion Ratio Lower Upper
70 100
42 57.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



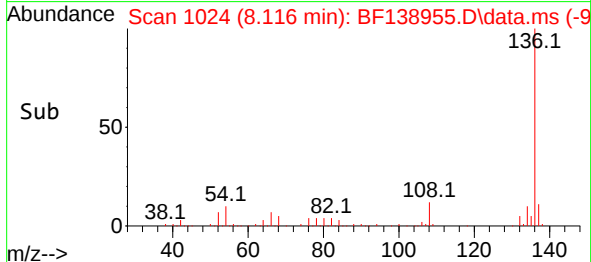
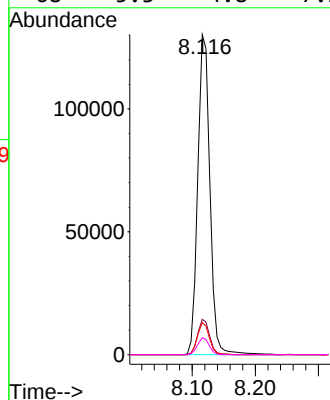
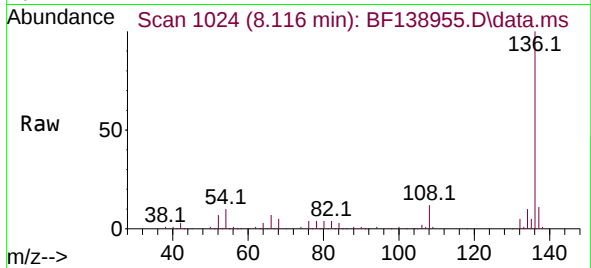


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:136 Resp: 173712

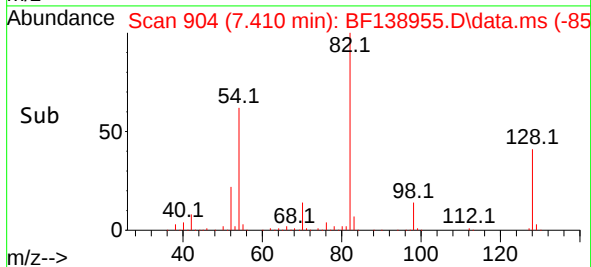
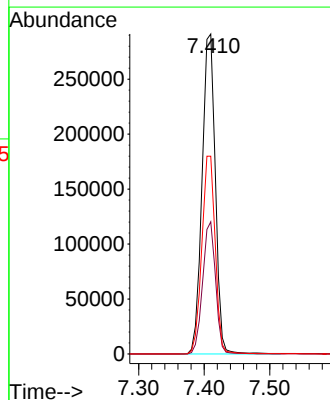
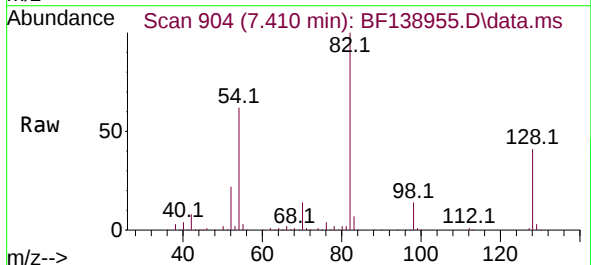
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 115.795 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Tgt Ion: 82 Resp: 411423

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	61.8	48.3	72.5

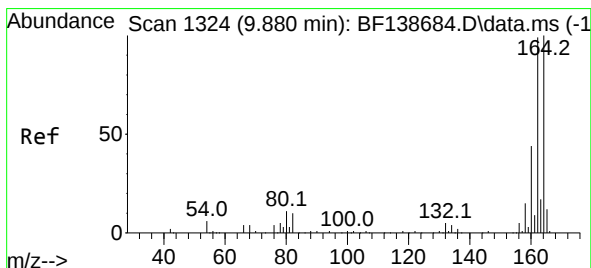
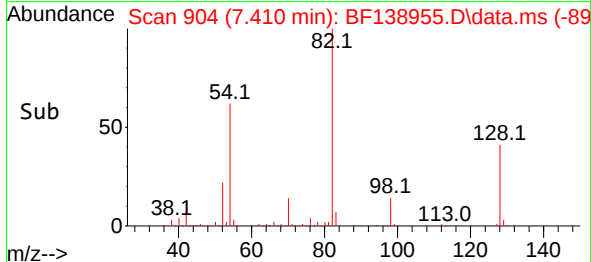
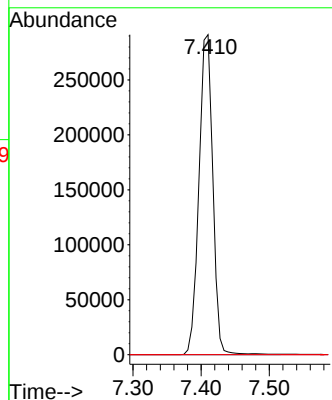
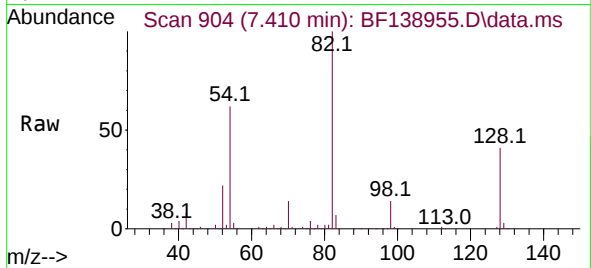




#25
Isophorone
Concen: 67.813 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

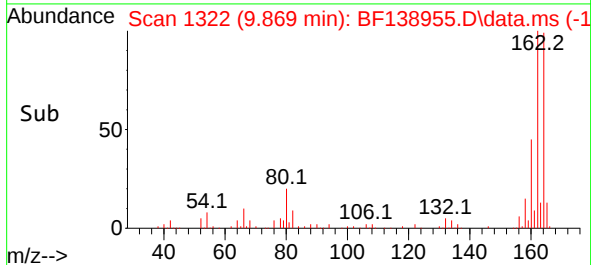
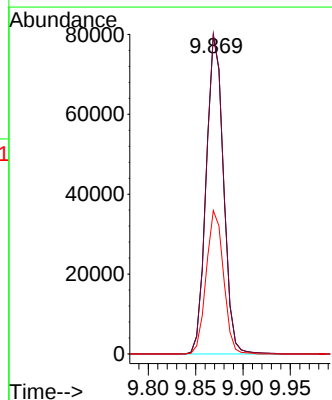
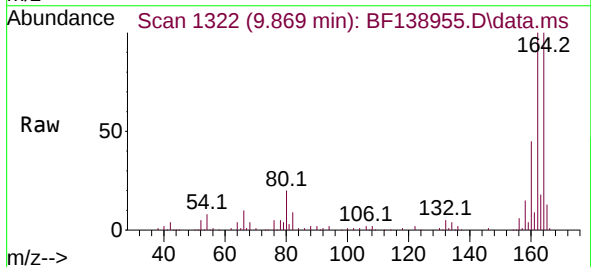
Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion: 82 Resp: 411419
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

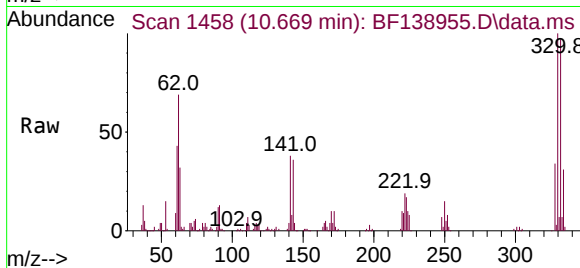
Tgt Ion:164 Resp: 101353
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 45.0 35.1 52.7



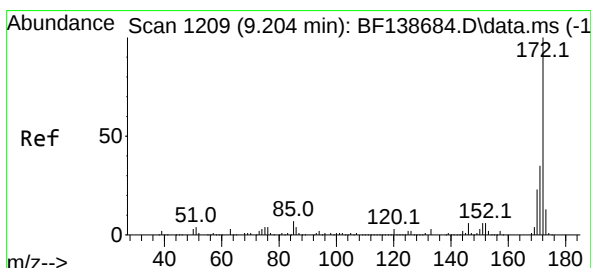
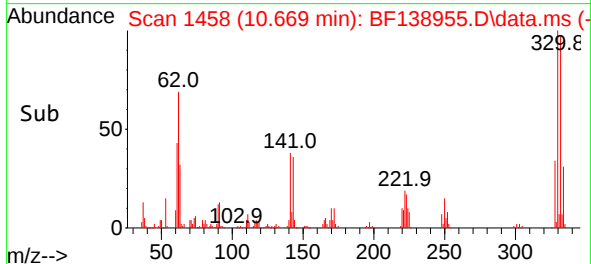
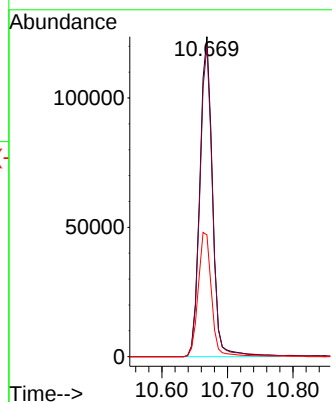


#42
2,4,6-Tribromophenol
Concen: 201.240 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Instrument :
BNA_F
ClientSampleId :
RBR200036

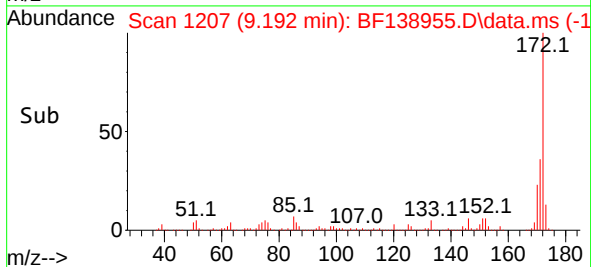
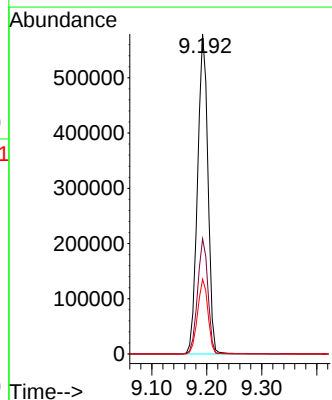
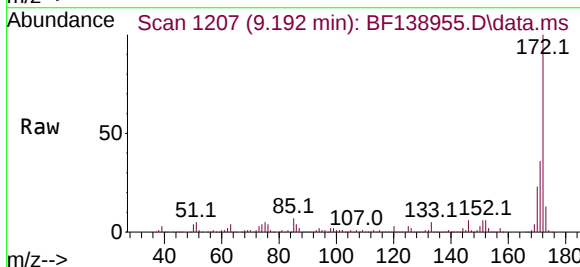


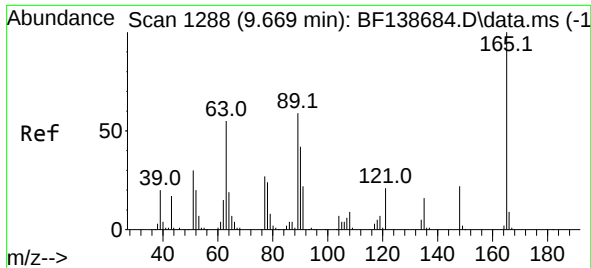
Tgt Ion:330 Resp: 167073
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 112.845 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Tgt Ion:172 Resp: 761209
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.3 18.8 28.2

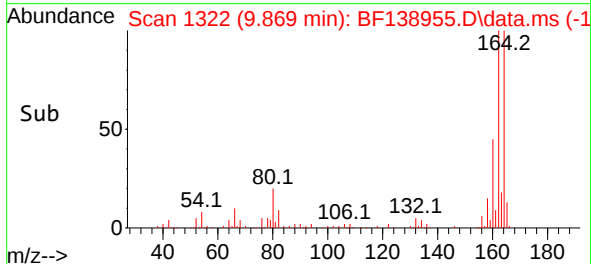
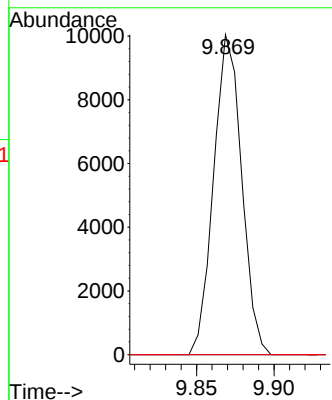
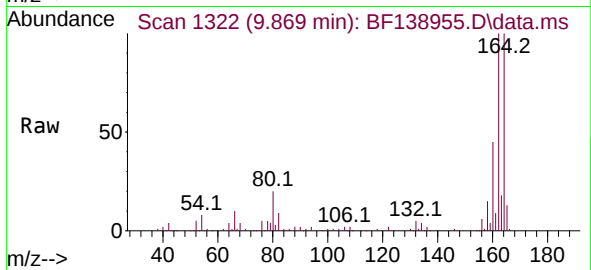




#51
2,6-Dinitrotoluene
Concen: 8.631 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

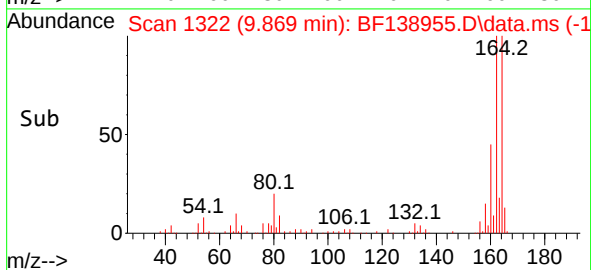
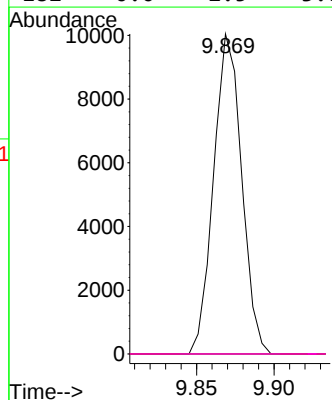
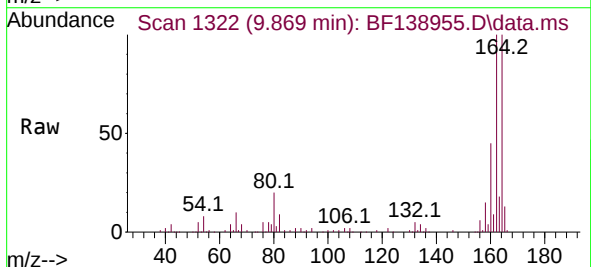
Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:165 Resp: 12623
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.765 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Tgt Ion:165 Resp: 12623
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138955.D

Acq: 13 Aug 2024 01:56

Instrument :

BNA_F

ClientSampleId :

RBR200036

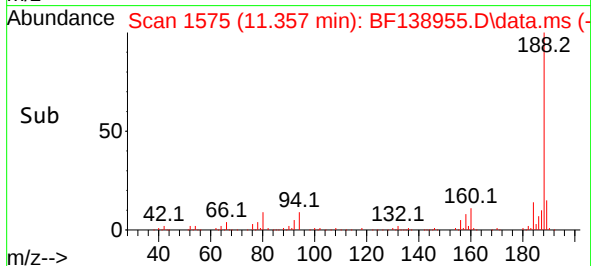
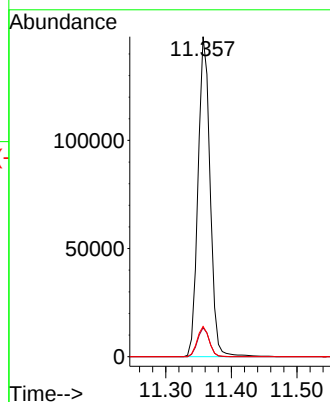
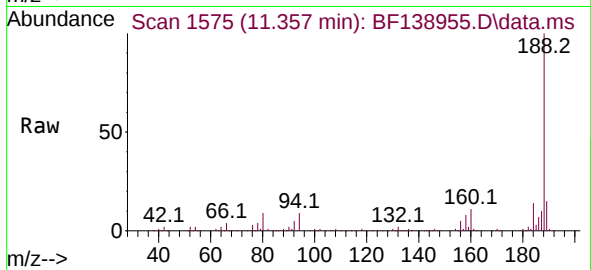
Tgt Ion:188 Resp: 189884

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.917 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138955.D

Acq: 13 Aug 2024 01:56

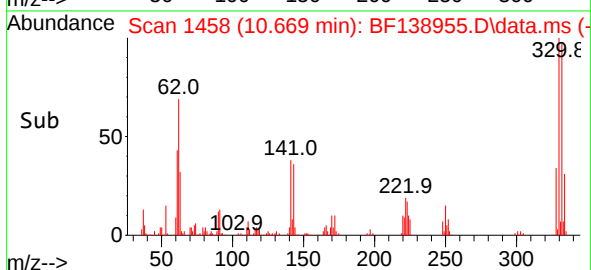
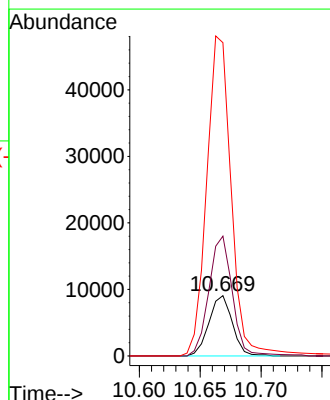
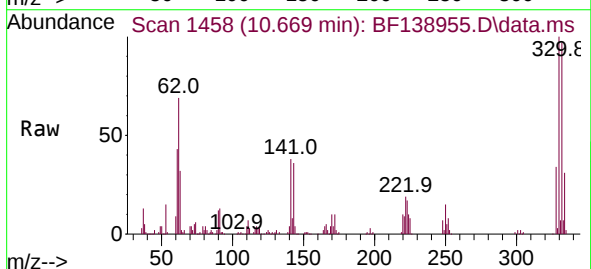
Tgt Ion:248 Resp: 12165

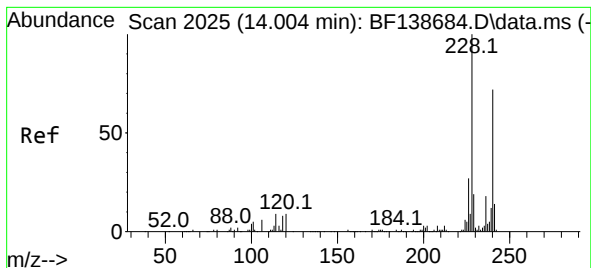
Ion Ratio Lower Upper

248 100

250 198.7 77.7 116.5#

141 519.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138955.D

Acq: 13 Aug 2024 01:56

Instrument :

BNA_F

ClientSampleId :

RBR200036

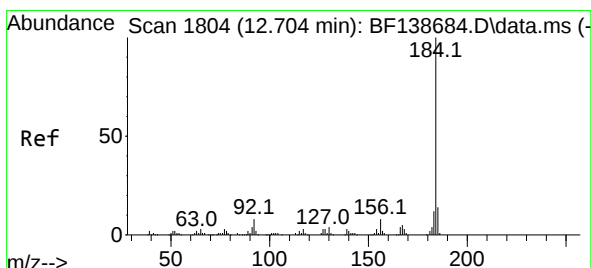
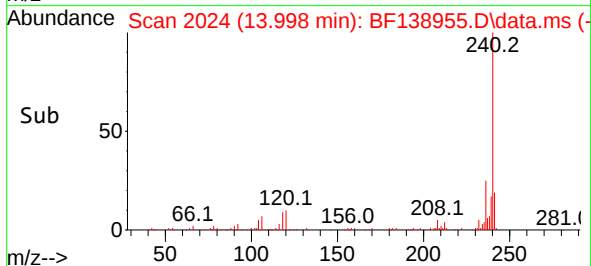
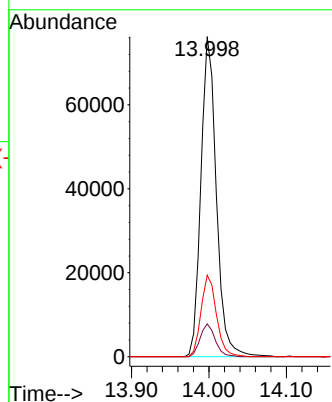
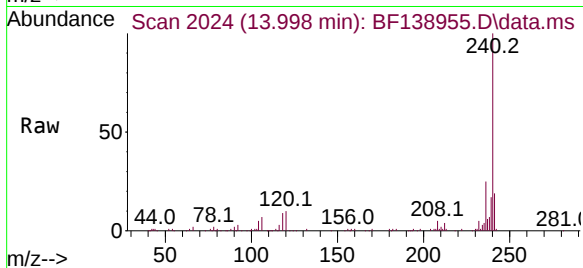
Tgt Ion:240 Resp: 105501

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4

236 25.4 19.8 29.8



#77

Benidine

Concen: 5.298 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138955.D

Acq: 13 Aug 2024 01:56

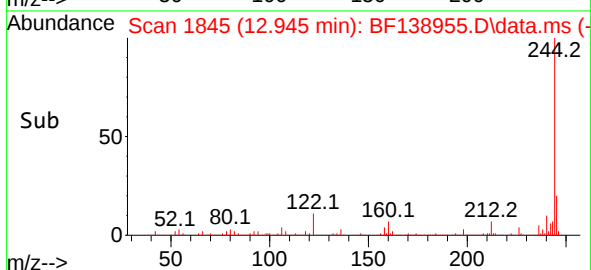
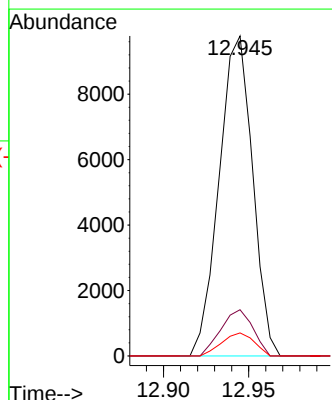
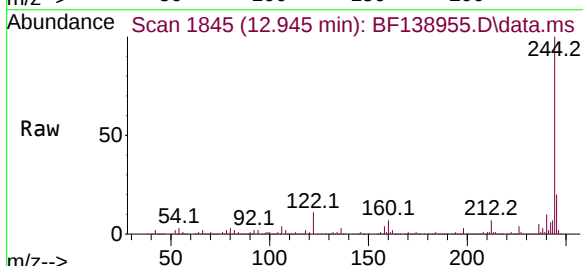
Tgt Ion:184 Resp: 13368

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

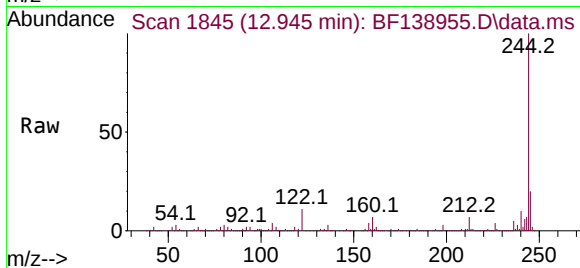
183 7.2 9.6 14.4#



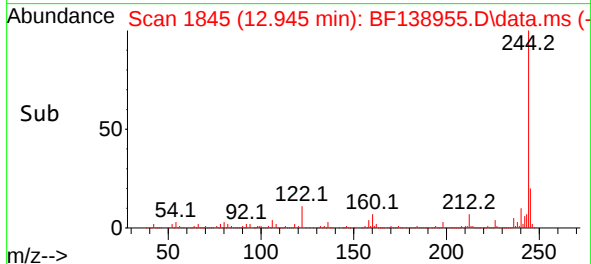
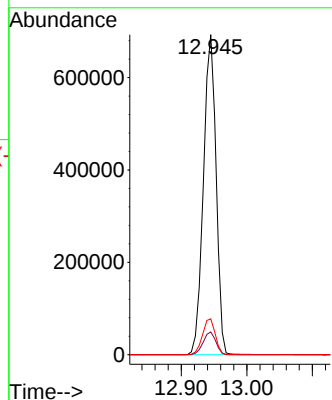


#79
Terphenyl-d14
Concen: 148.100 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Instrument :
BNA_F
ClientSampleId :
RBR200036



Tgt Ion:244 Resp: 933223
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.2 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138955.D
Acq: 13 Aug 2024 01:56

Tgt Ion:264 Resp: 75103
Ion Ratio Lower Upper
264 100
260 25.1 19.0 28.6
265 22.1 17.0 25.6

