

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138877.D
 Acq On : 08 Aug 2024 21:05
 Operator : RC/JU
 Sample : P3394-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB01

Quant Time: Aug 09 01:03:19 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)

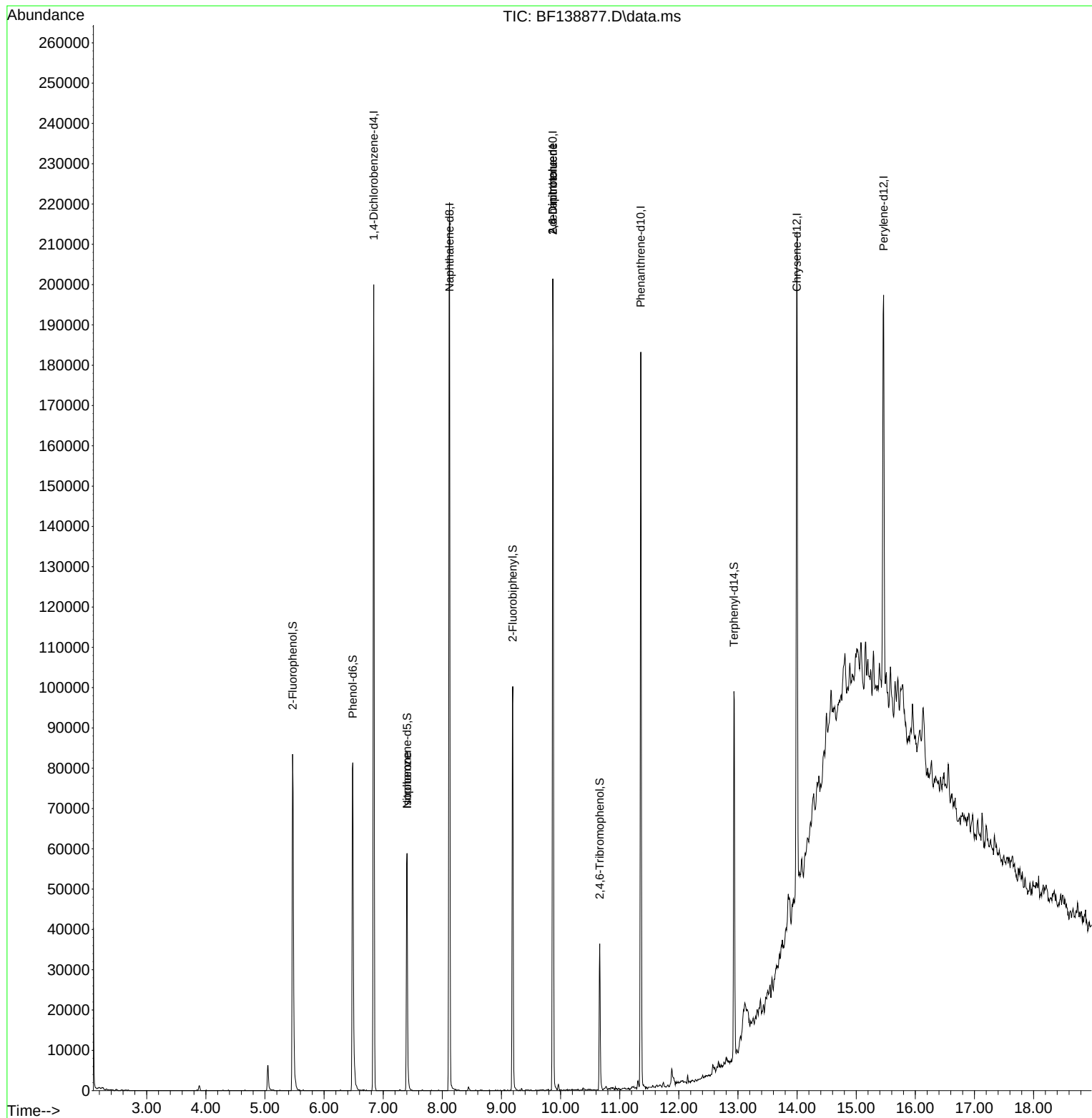
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37814	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	133936	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	59088	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	92078	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75145	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	51197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	33118	13.520	ng	0.00
7) Phenol-d6	6.487	99	41406	12.590	ng	0.00
23) Nitrobenzene-d5	7.404	82	26852	9.802	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	5729	11.837	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	43643	11.098	ng	-0.01
79) Terphenyl-d14	12.933	244	41417	9.228	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.404	82	26852	5.740	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	7568	8.876	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	7568	6.957	ng	# 16

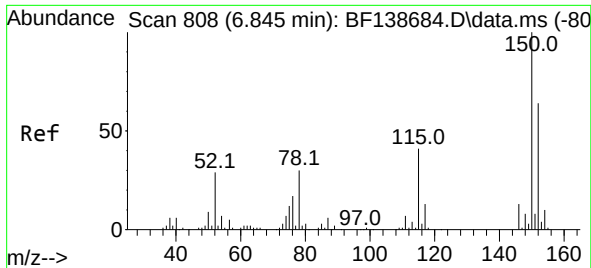
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 01:03:19 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
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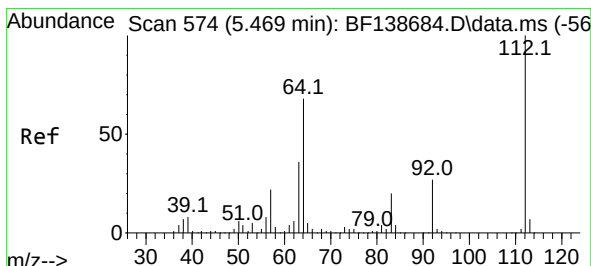
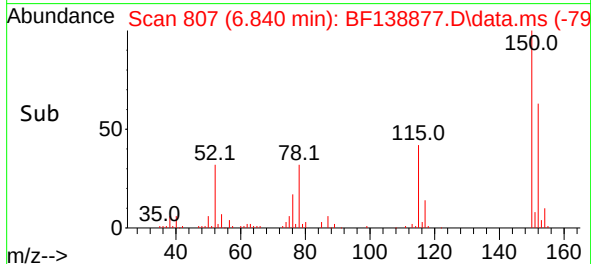
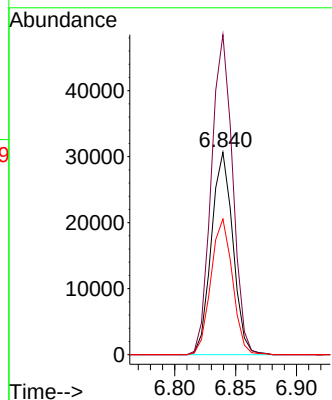
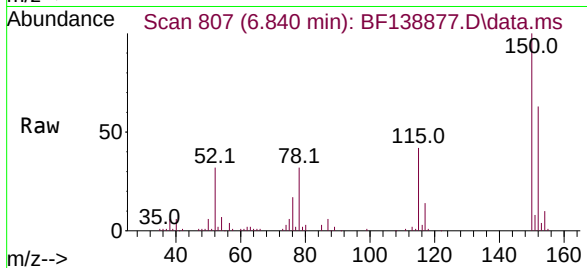




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

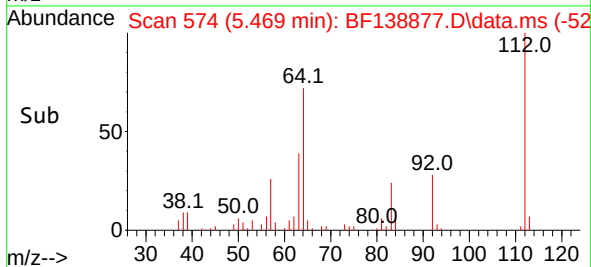
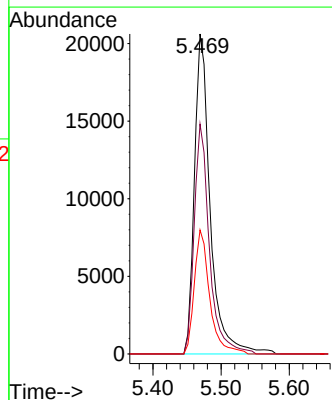
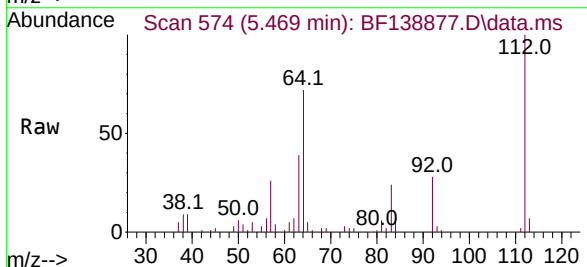
Instrument :
BNA_F
ClientSampleId :
B-105-SB01

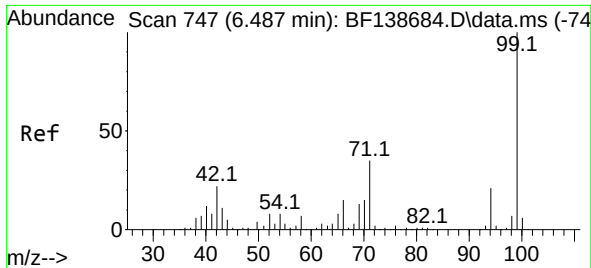
Tgt Ion:152 Resp: 37814
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 13.520 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

Tgt Ion:112 Resp: 33118
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 38.8 28.7 43.1





#7

Phenol-d6

Concen: 12.590 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

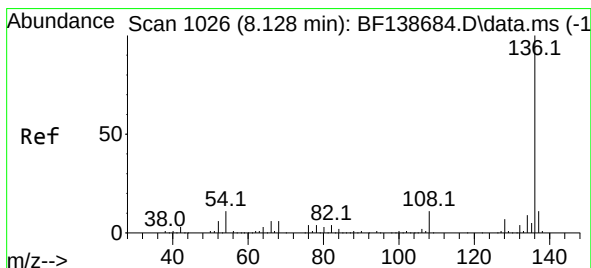
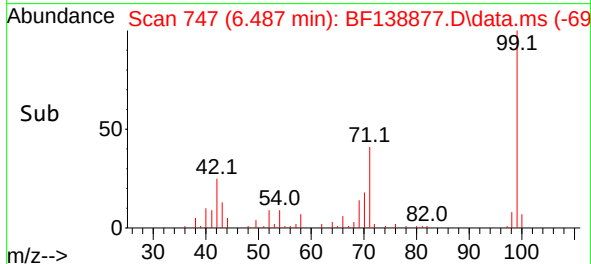
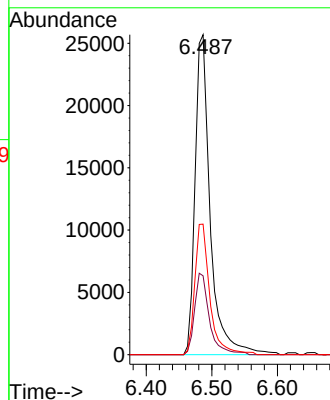
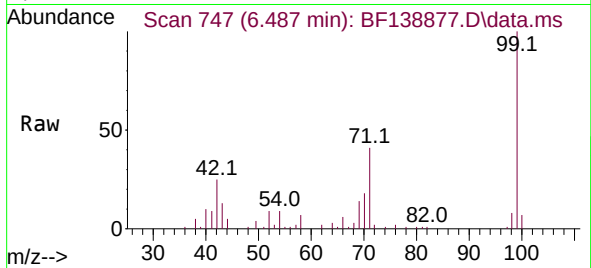
Tgt Ion: 99 Resp: 41406

Ion Ratio Lower Upper

99 100

42 24.6 17.4 26.0

71 40.8 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Tgt Ion: 136 Resp: 133936

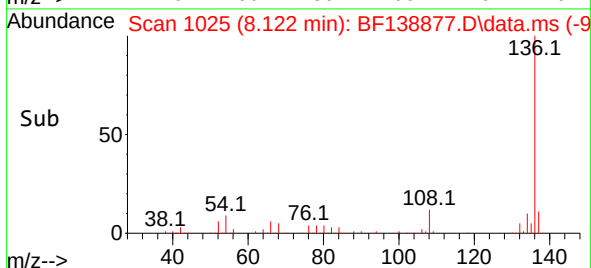
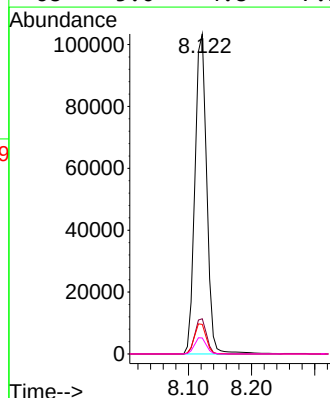
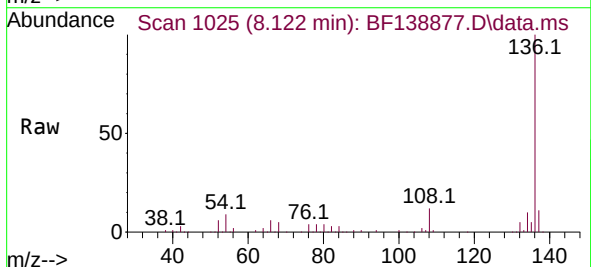
Ion Ratio Lower Upper

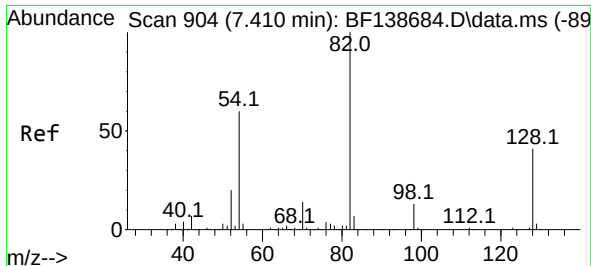
136 100

137 11.0 8.9 13.3

54 9.3 8.6 12.8

68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 9.802 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

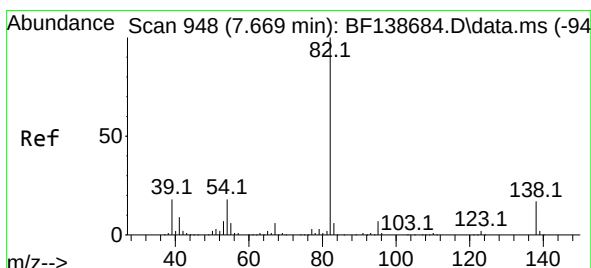
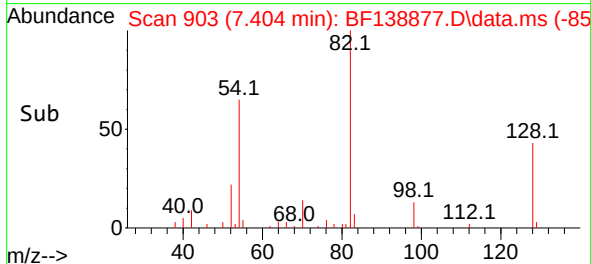
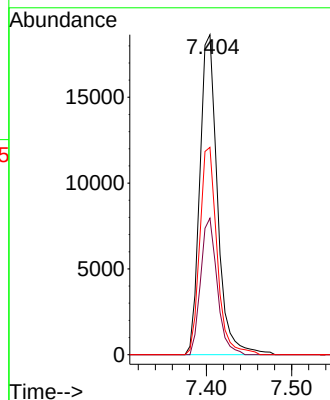
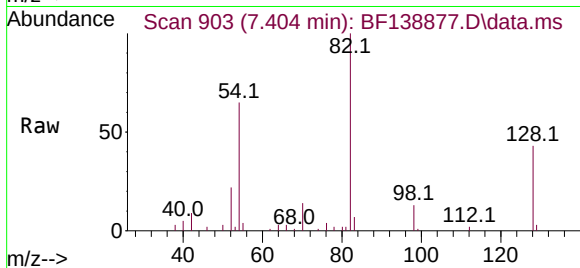
Tgt Ion: 82 Resp: 26852

Ion Ratio Lower Upper

82 100

128 42.7 32.8 49.2

54 64.8 48.3 72.5



#25

Isophorone

Concen: 5.740 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

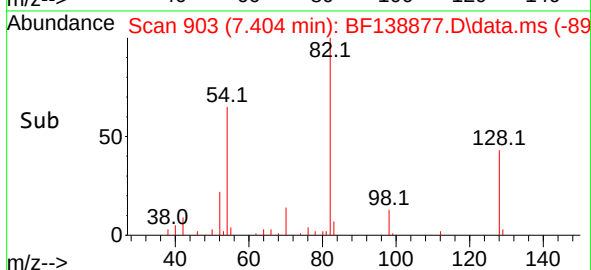
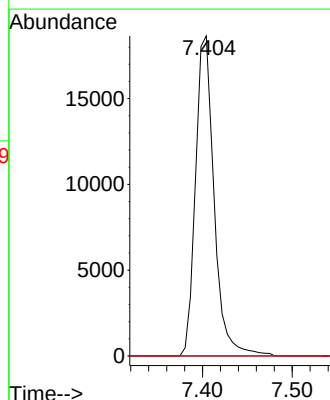
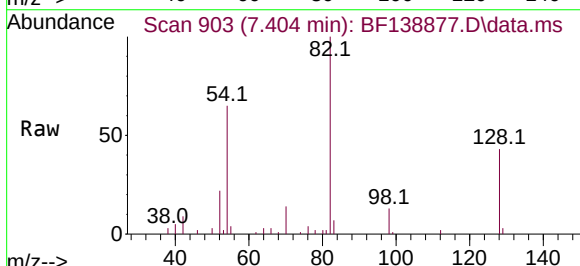
Tgt Ion: 82 Resp: 26852

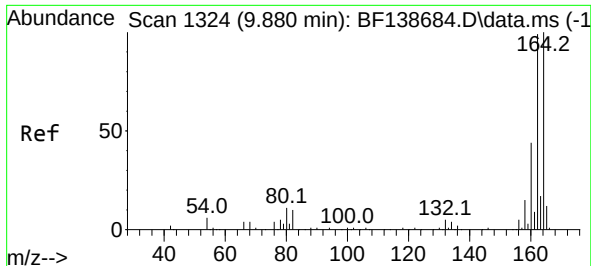
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.011 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

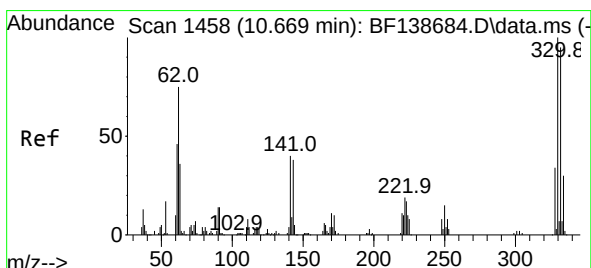
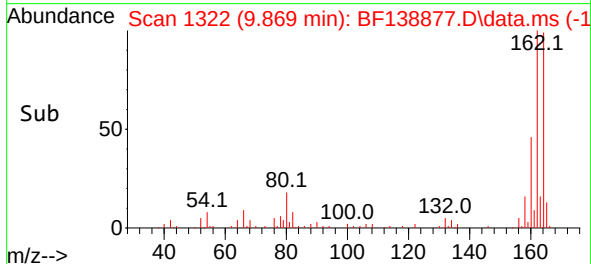
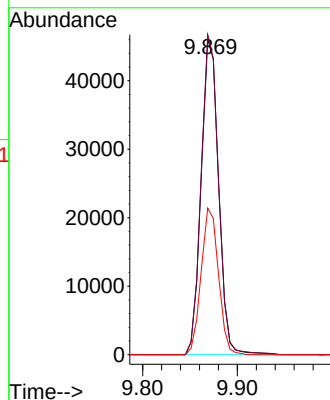
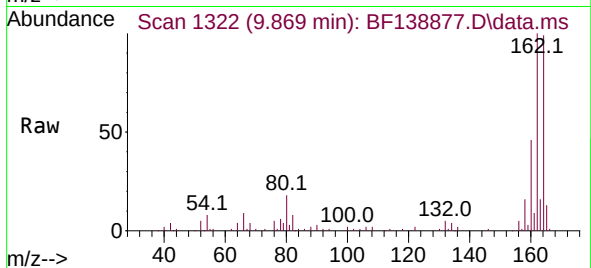
Tgt Ion:164 Resp: 59088

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.0

160 46.4 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 11.837 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

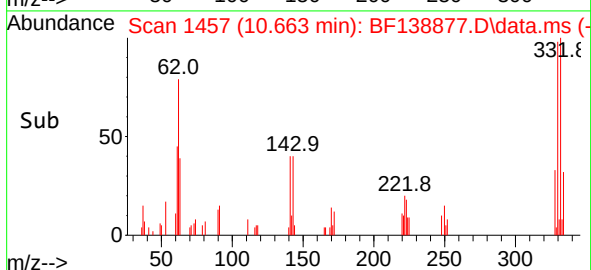
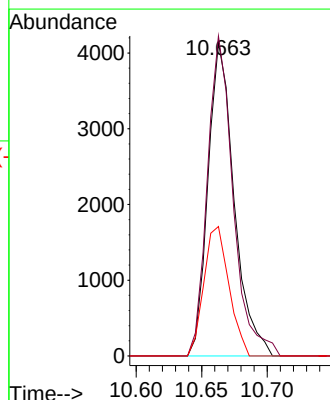
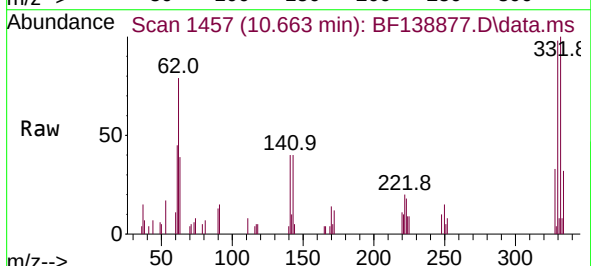
Tgt Ion:330 Resp: 5729

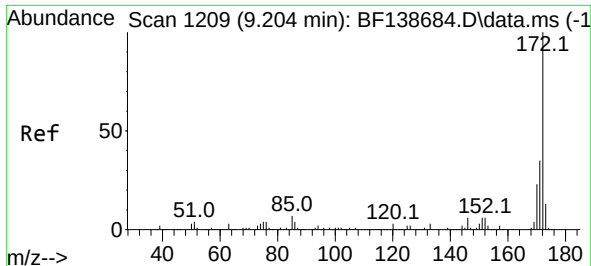
Ion Ratio Lower Upper

330 100

332 100.8 76.4 114.6

141 39.7 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 11.098 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

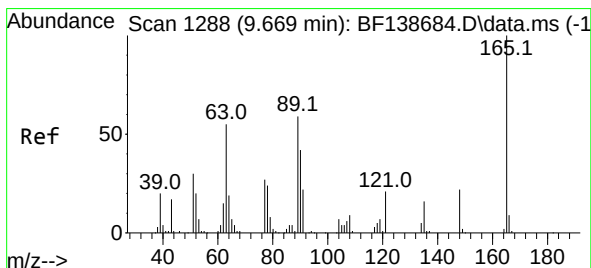
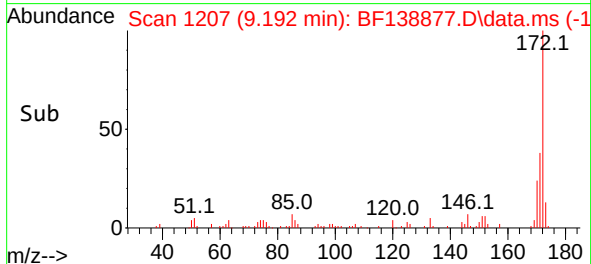
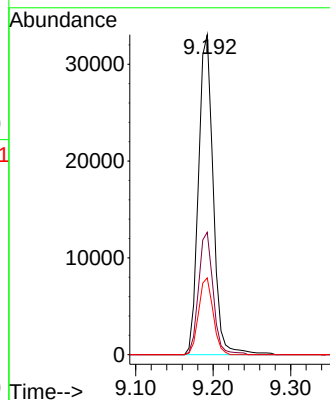
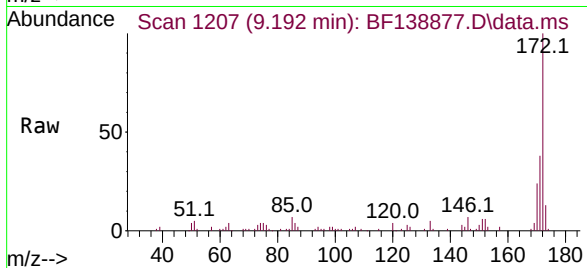
Tgt Ion:172 Resp: 43643

Ion Ratio Lower Upper

172 100

171 38.3 28.3 42.5

170 24.0 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.876 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

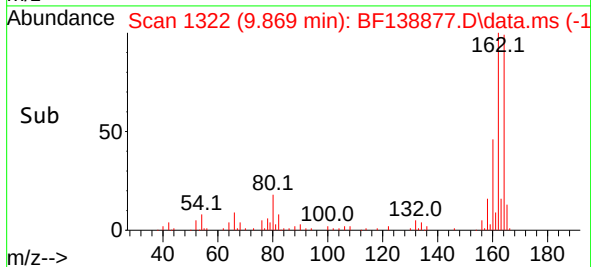
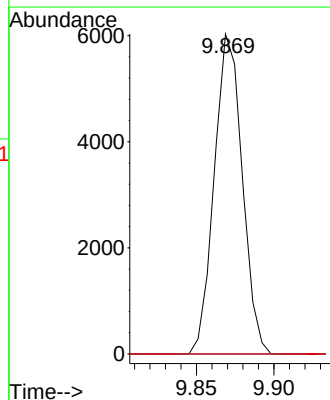
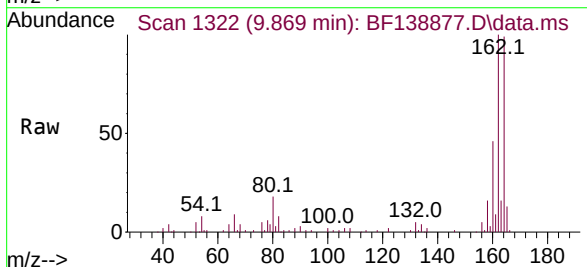
Tgt Ion:165 Resp: 7568

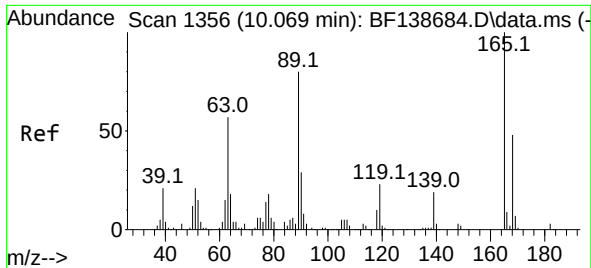
Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#

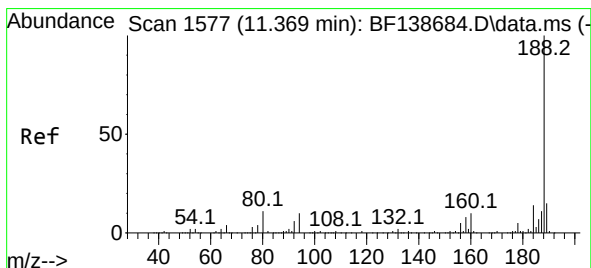
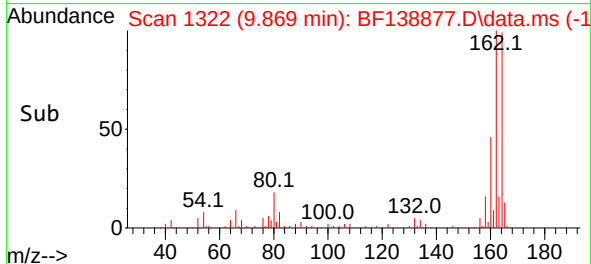
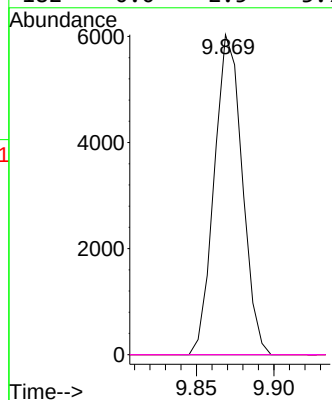
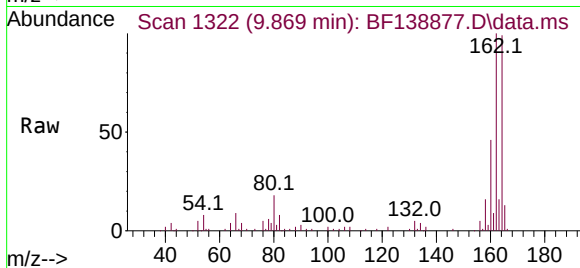




#57
2,4-Dinitrotoluene
Concen: 6.957 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

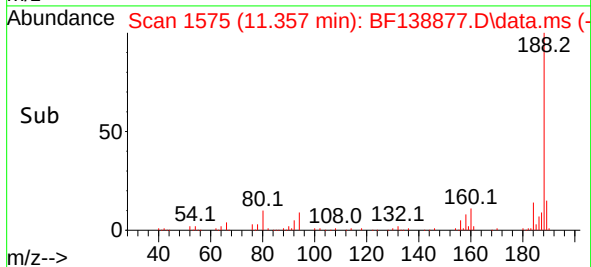
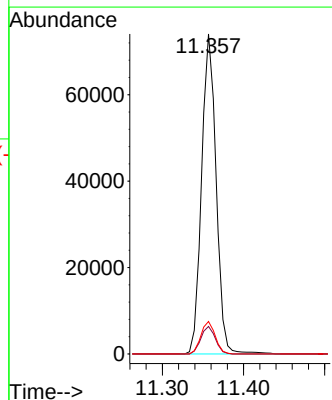
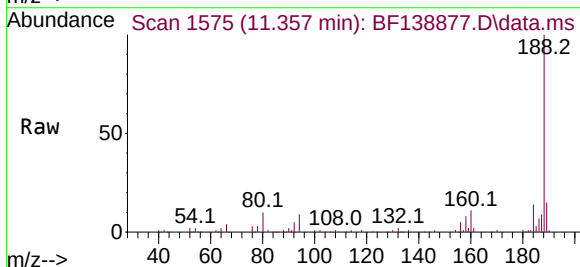
Instrument :
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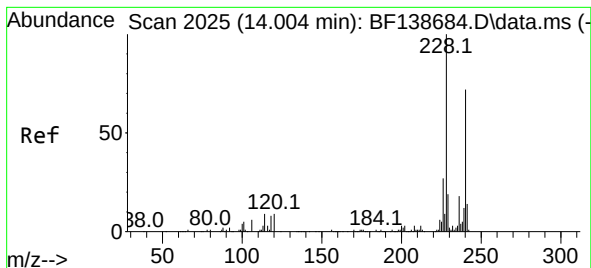
Tgt Ion:165	Resp:	7568
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

Tgt Ion:188	Resp:	92078
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.6 11.4
80	10.2	8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

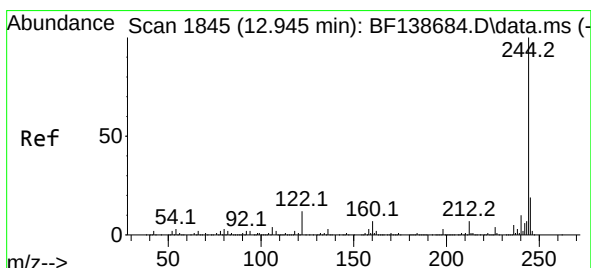
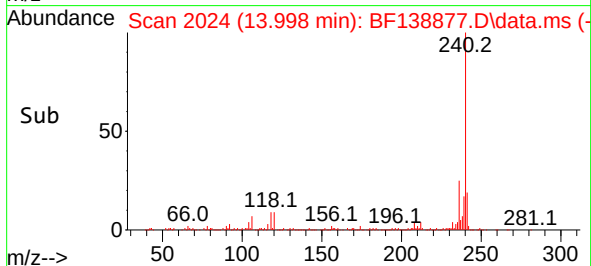
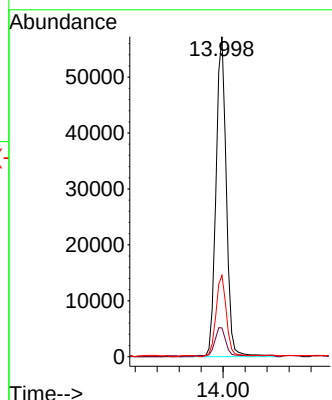
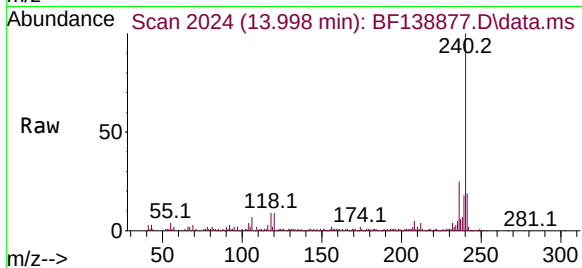
Tgt Ion:240 Resp: 75145

Ion Ratio Lower Upper

240 100

120 9.0 10.2 15.4#

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 9.228 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

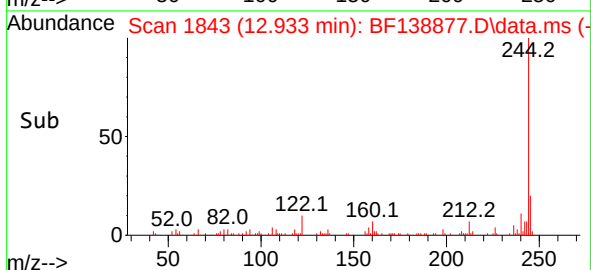
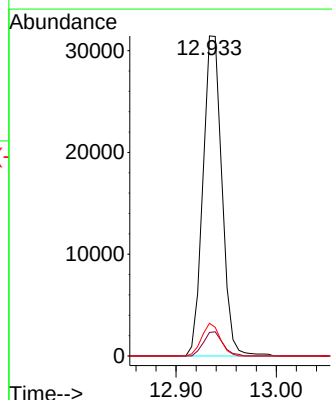
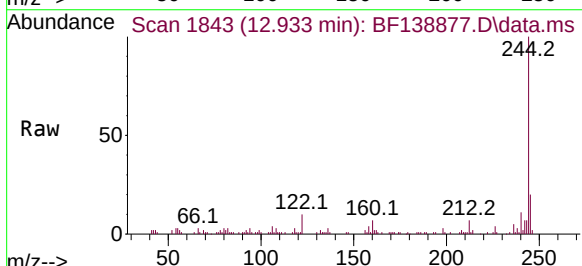
Tgt Ion:244 Resp: 41417

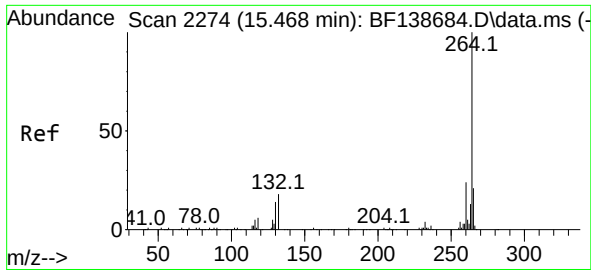
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.2 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138877.D

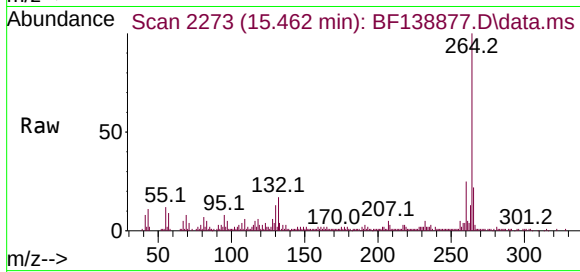
Acq: 08 Aug 2024 21:05

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Tgt Ion:264 Resp: 51197

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

265 22.4 17.0 25.6

