

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073024\
 Data File : BF138689.D
 Acq On : 30 Jul 2024 18:26
 Operator : RC/JU
 Sample : PB162188BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BL

Quant Time: Jul 30 18:53:16 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)

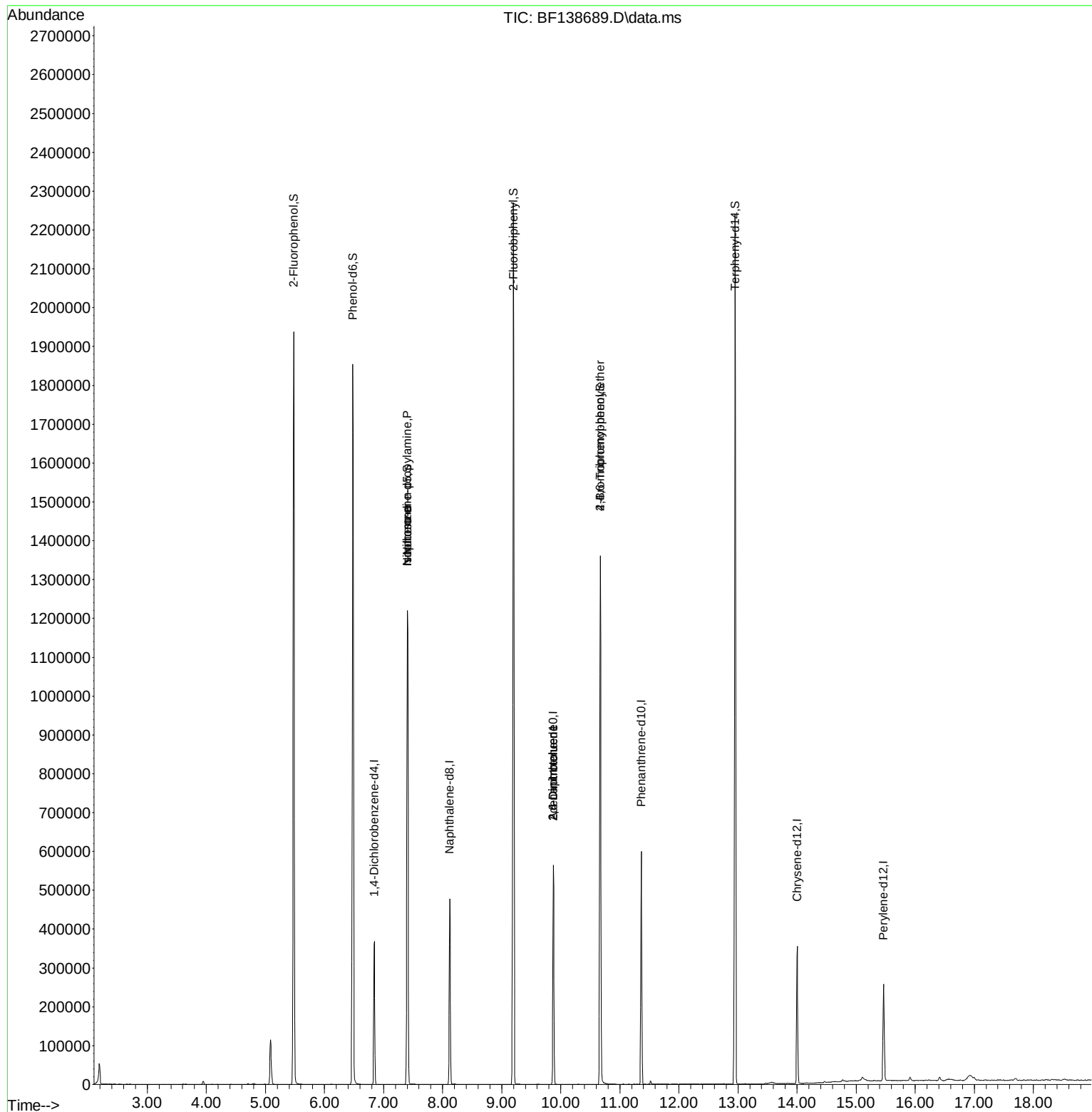
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	72265	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	296178	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	165767	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	297109	20.000	ng	0.00
76) Chrysene-d12	14.004	240	162905	20.000	ng	0.00
86) Perylene-d12	15.462	264	141233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	674108	143.996	ng	0.01
7) Phenol-d6	6.481	99	884444	140.716	ng	0.00
23) Nitrobenzene-d5	7.404	82	583477	96.317	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	205236	151.147	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1029243	93.290	ng	0.00
79) Terphenyl-d14	12.951	244	1088487	111.870	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	78938	20.794	ng	# 75
25) Isophorone	7.404	82	580333	56.103	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	21061	8.804	ng	# 22
57) 2,4-Dinitrotoluene	9.874	165	21061	6.901	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	15046	4.677	ng	# 1

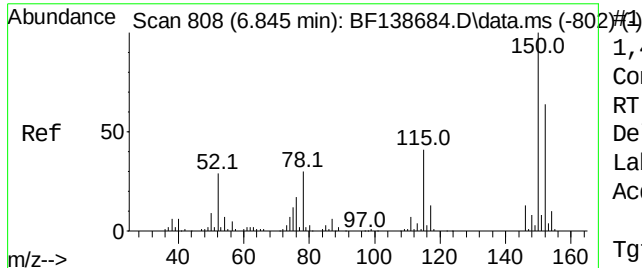
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL

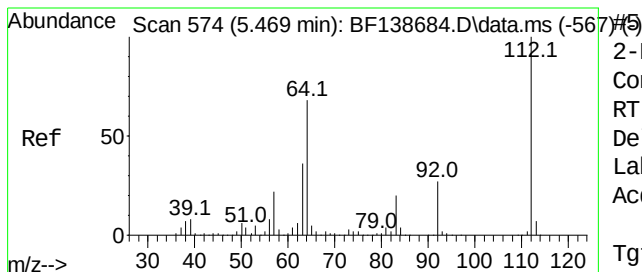
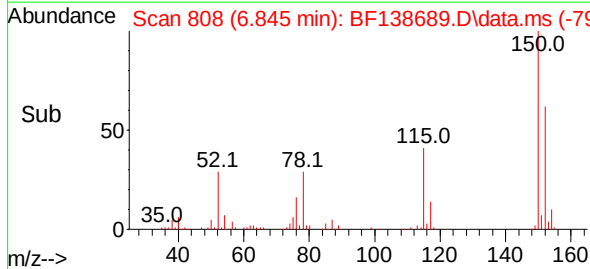
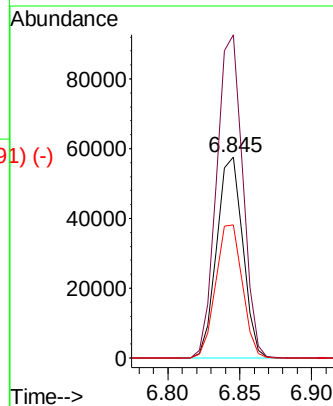
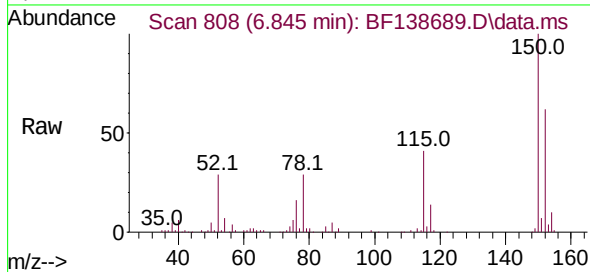
Tgt Ion:152 Resp: 72265

Ion Ratio Lower Upper

152 100

150 160.7 126.0 189.0

115 66.0 51.7 77.5



2-Fluorophenol

Concen: 143.996 ng

RT: 5.481 min Scan# 576

Delta R.T. 0.012 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

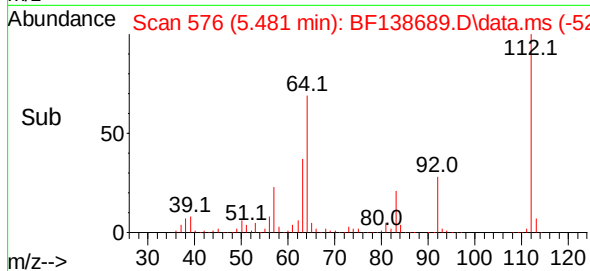
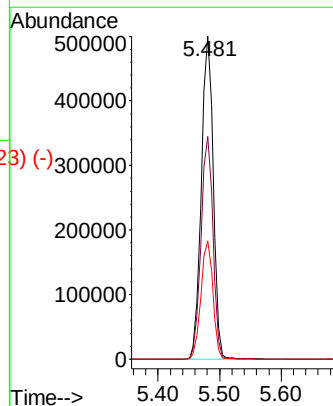
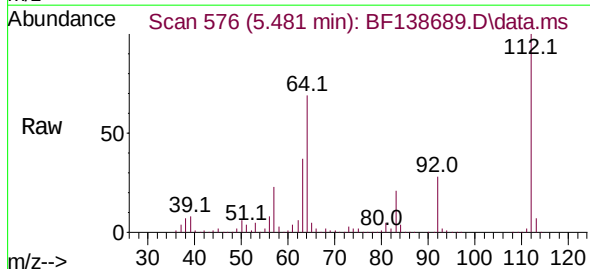
Tgt Ion:112 Resp: 674108

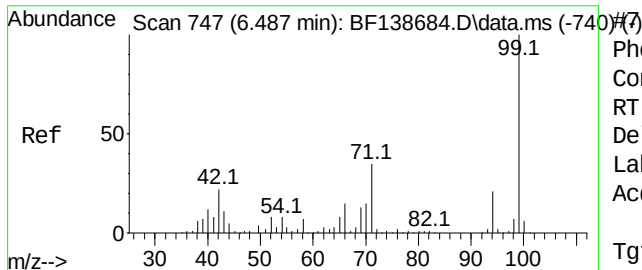
Ion Ratio Lower Upper

112 100

64 68.9 54.2 81.4

63 36.7 28.7 43.1





Phenol-d6

Concen: 140.716 ng

RT: 6.481 min Scan#

Delta R.T. -0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL

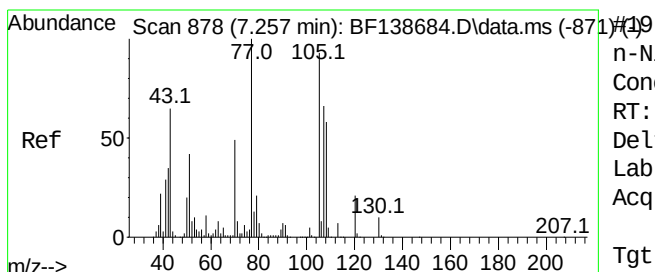
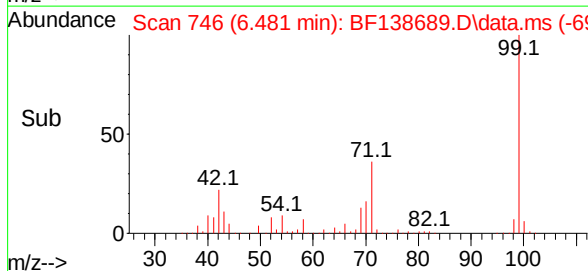
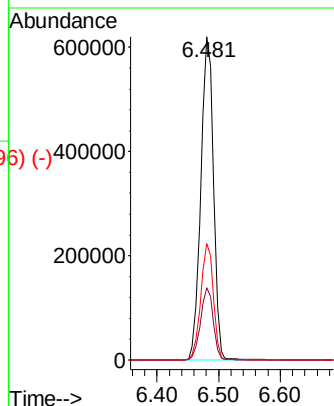
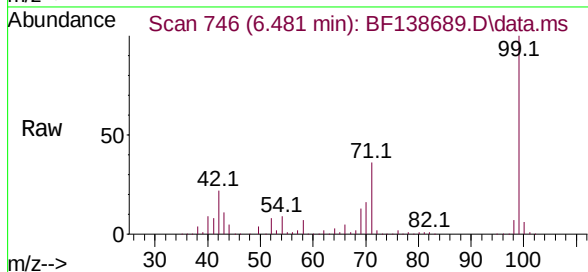
Tgt Ion: 99 Resp: 884444

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 36.1 28.1 42.1



n-Nitroso-di-n-propylamine

Concen: 20.794 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Tgt Ion: 70 Resp: 78938

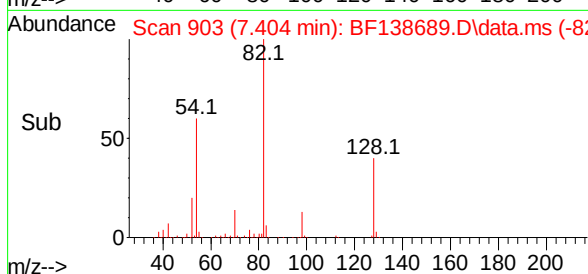
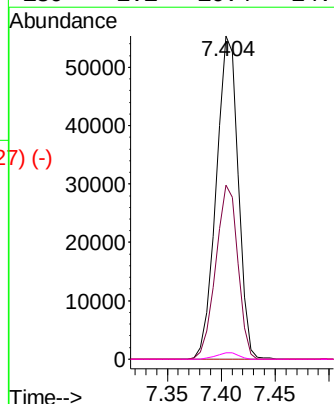
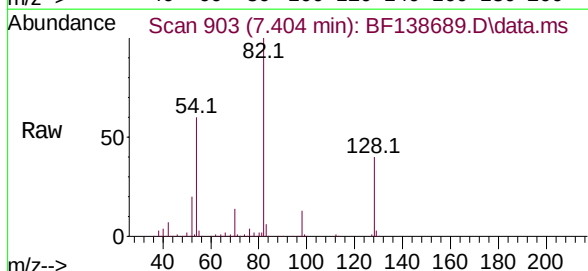
Ion Ratio Lower Upper

70 100

42 53.9 57.4 86.0#

101 0.0 7.5 11.3#

130 2.1 16.4 24.6#



Abundance Scan 1026 (8.128 min): BF138684.D\data.ms (-1091)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF138689.D

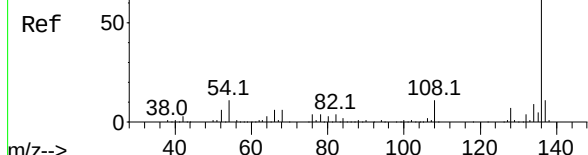
Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL



Tgt Ion:136 Resp: 296178

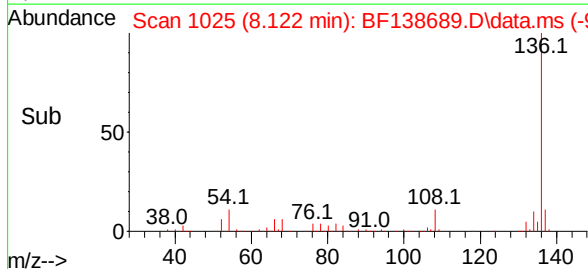
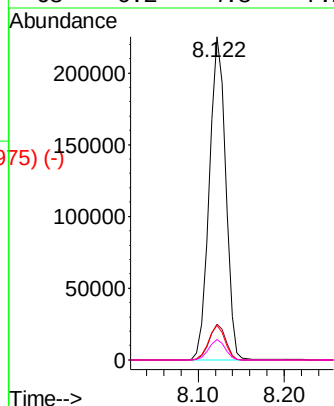
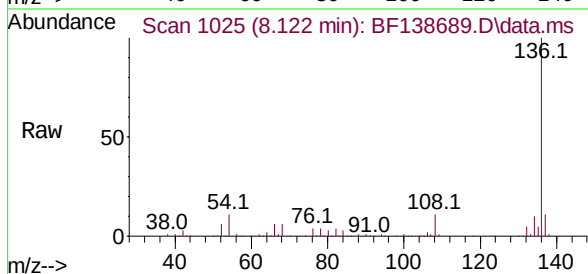
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.7 8.6 12.8

68 6.2 4.8 7.2



Abundance Scan 904 (7.410 min): BF138684.D\data.ms (-898)

Nitrobenzene-d5

Concen: 96.317 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

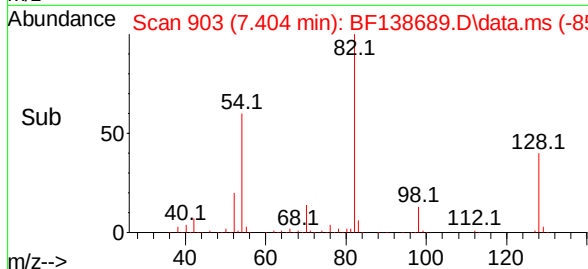
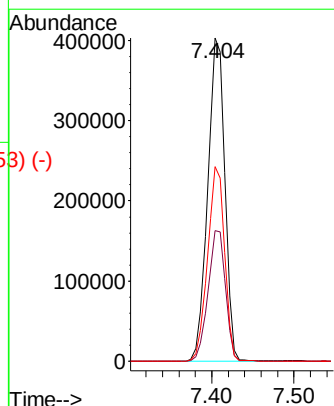
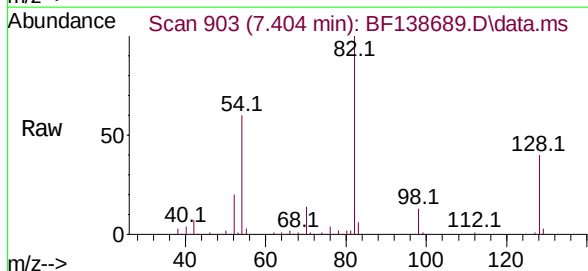
Tgt Ion: 82 Resp: 583477

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 60.2 48.3 72.5



Abundance Scan 948 (7.669 min): BF138684.D\data.ms (-941) #25

Isophorone

Concen: 56.103 ng

RT: 7.404 min Scan# 1323

Delta R.T. -0.265 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL

Tgt Ion: 82 Resp: 580333

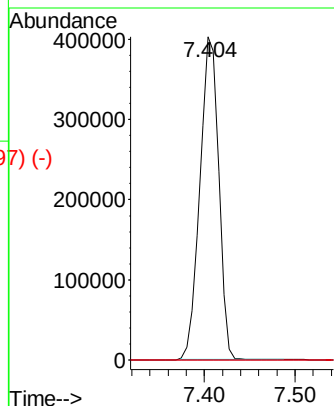
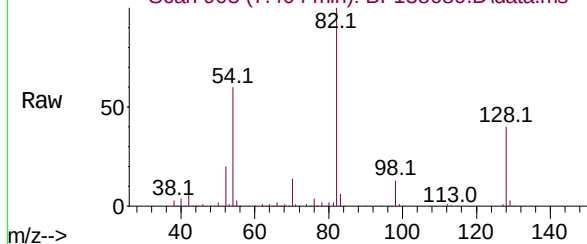
Ion Ratio Lower Upper

82 100

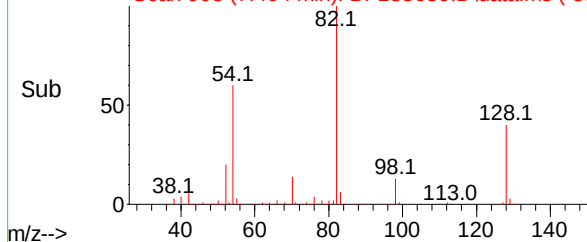
95 0.0 5.7 8.5#

138 0.0 13.7 20.5#

Abundance Scan 903 (7.404 min): BF138689.D\data.ms



Abundance Scan 903 (7.404 min): BF138689.D\data.ms (-897) (-)



Abundance Scan 1324 (9.880 min): BF138684.D\data.ms (-1316) #39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Tgt Ion: 164 Resp: 165767

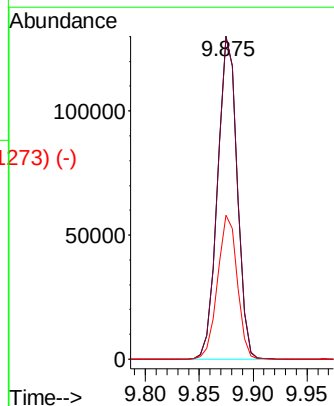
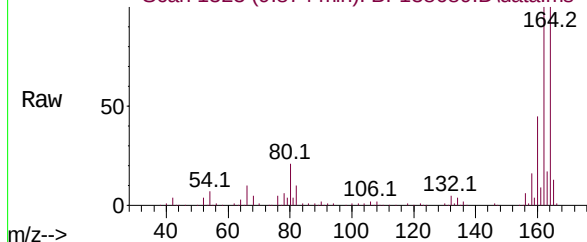
Ion Ratio Lower Upper

164 100

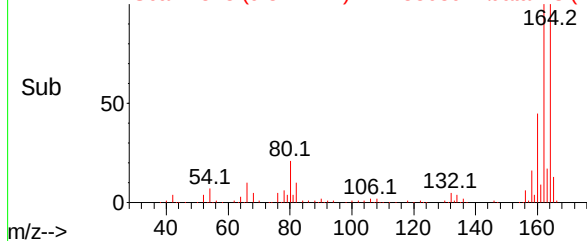
162 99.6 79.4 119.0

160 44.6 35.1 52.7

Abundance Scan 1323 (9.874 min): BF138689.D\data.ms



Abundance Scan 1323 (9.874 min): BF138689.D\data.ms (-1273) (-)



Abundance Scan 1458 (10.669 min): BF138684.D\data.ms (-1458) (-)

2,4,6-Tribromophenol

Concen: 151.147 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138689.D

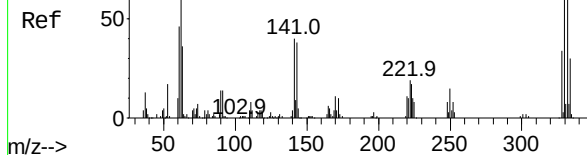
Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL



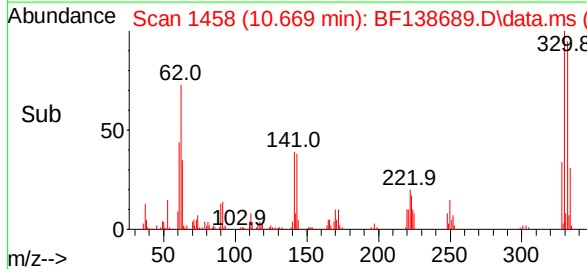
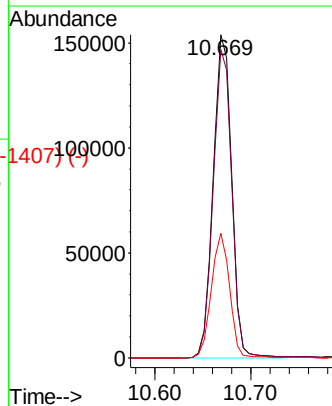
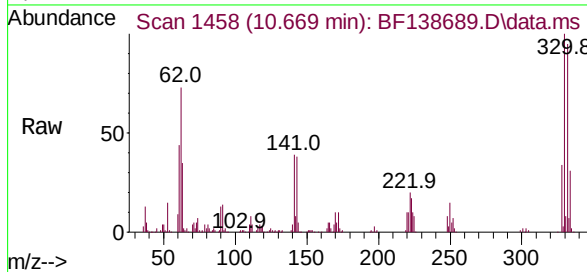
Tgt Ion:330 Resp: 205236

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 38.1 31.1 46.7



Abundance Scan 1209 (9.204 min): BF138684.D\data.ms (-1209) (-)

2-Fluorobiphenyl

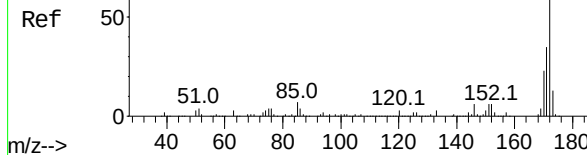
Concen: 93.290 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26



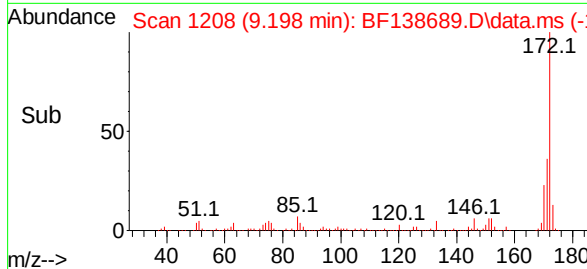
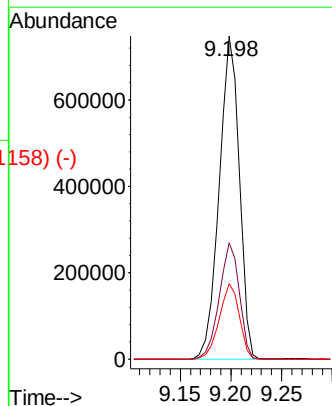
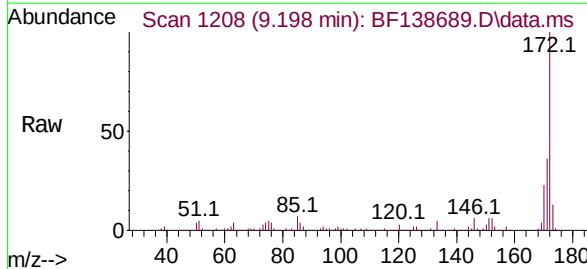
Tgt Ion:172 Resp: 1029243

Ion Ratio Lower Upper

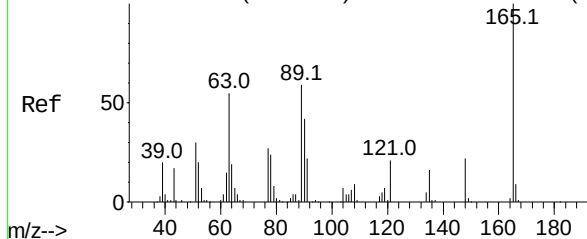
172 100

171 36.0 28.3 42.5

170 23.4 18.8 28.2



Abundance Scan 1288 (9.669 min): BF138684.D\data.ms (-1285) (-)



2,6-Dinitrotoluene

Concen: 8.804 ng

RT: 9.874 min Scan# 1323

Delta R.T. 0.206 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

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ClientSampleId :

PB162188BL

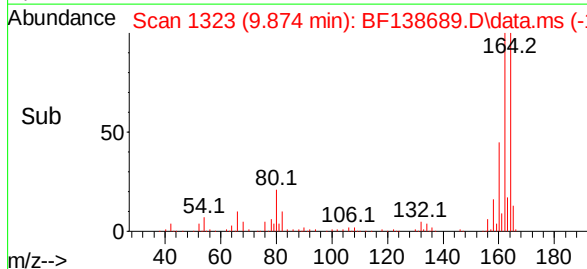
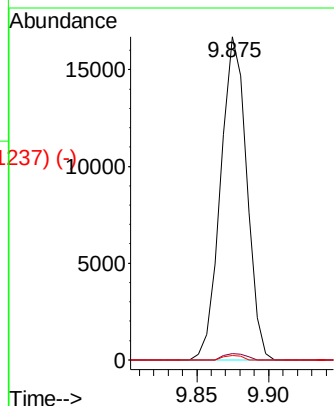
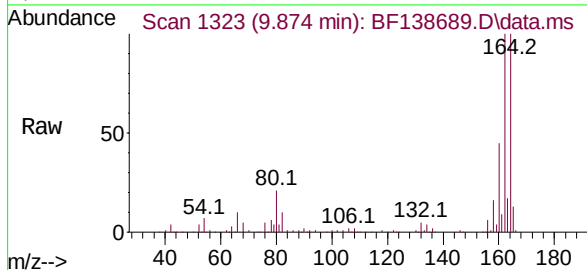
Tgt Ion:165 Resp: 21061

Ion Ratio Lower Upper

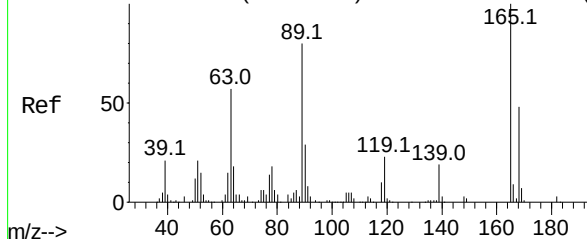
165 100

63 1.9 52.0 78.0#

89 1.4 47.0 70.6#



Abundance Scan 1356 (10.069 min): BF138684.D\data.ms (-1350) (-)



2,4-Dinitrotoluene

Concen: 6.901 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Tgt Ion:165 Resp: 21061

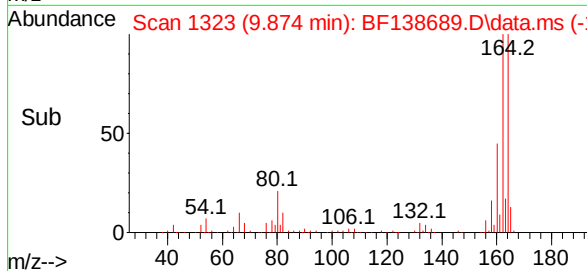
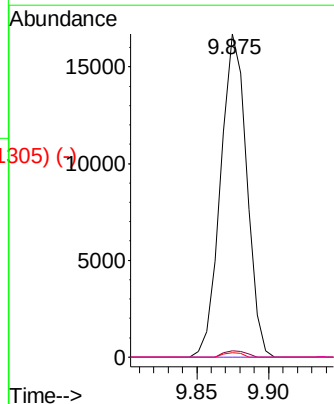
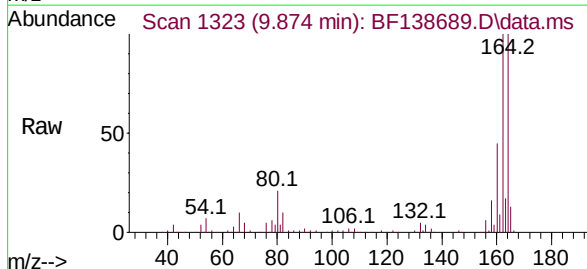
Ion Ratio Lower Upper

165 100

63 1.9 46.3 69.5#

89 1.4 64.2 96.4#

182 0.0 2.5 3.7#



Abundance Scan 1577 (11.369 min): BF138684.D\data.ms (-1577) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL

Tgt Ion:188 Resp: 297109

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.4 8.6 12.8

Abundance Scan 1576 (11.363 min): BF138689.D\data.ms

Ref 50

188.2

54.1 80.1 108.1 132.1 160.1

m/z-->

Abundance Scan 1576 (11.363 min): BF138689.D\data.ms

Raw 50

188.2

54.1 80.1 108.0 132.1 160.1

m/z-->

Abundance Scan 1576 (11.363 min): BF138689.D\data.ms (-1526159)

Sub 50

188.2

54.1 80.1 108.0 132.1 160.1

m/z-->

Abundance

11.363

200000

150000

100000

50000

0

Time-->

Abundance Scan 1499 (10.910 min): BF138684.D\data.ms (-1499) (-)

4-Bromophenyl-phenylether

Concen: 4.677 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Tgt Ion:248 Resp: 15046

Ion Ratio Lower Upper

248 100

250 195.3 77.7 116.5#

141 512.2 68.0 102.0#

Abundance Scan 1458 (10.669 min): BF138689.D\data.ms

Ref 50

329.8

62.0 141.0 221.9

m/z-->

Abundance Scan 1458 (10.669 min): BF138689.D\data.ms

Raw 50

329.8

62.0 141.0 221.9

m/z-->

Abundance Scan 1458 (10.669 min): BF138689.D\data.ms (-1448) (-)

Sub 50

329.8

62.0 141.0 221.9

m/z-->

Abundance

10.669

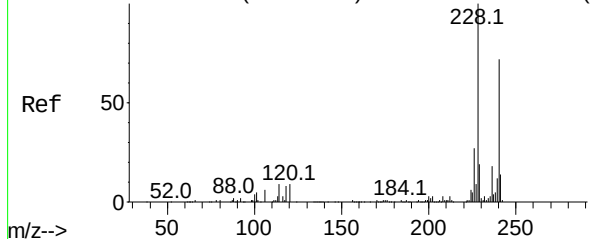
40000

20000

0

Time-->

Abundance Scan 2025 (14.004 min): BF138684.D\data.ms (-1974) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL

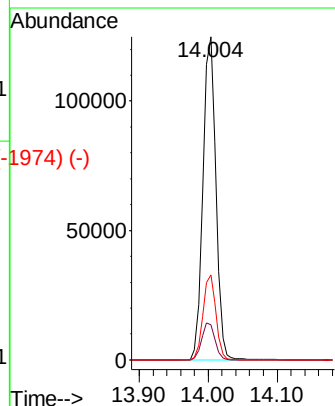
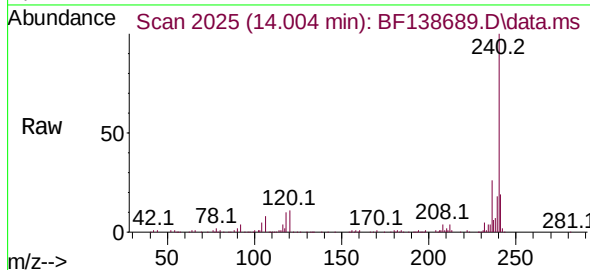
Tgt Ion:240 Resp: 162905

Ion Ratio Lower Upper

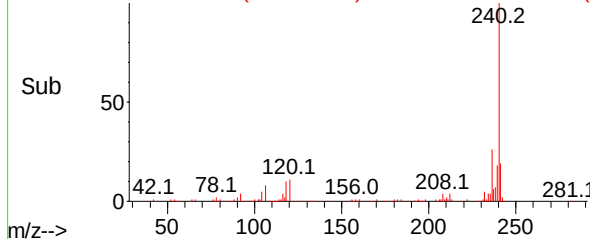
240 100

120 10.9 10.2 15.4

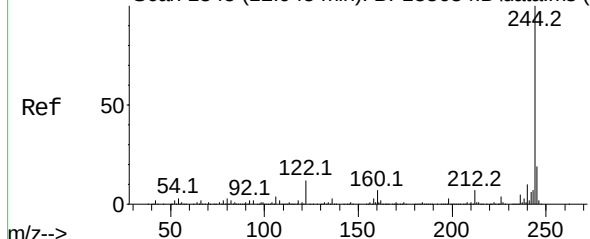
236 26.3 19.8 29.8



Abundance Scan 2025 (14.004 min): BF138689.D\data.ms (-1974) (-)



Abundance Scan 1845 (12.945 min): BF138684.D\data.ms (-1879) (-)



Terphenyl-d14

Concen: 111.870 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138689.D

Acq: 30 Jul 2024 18:26

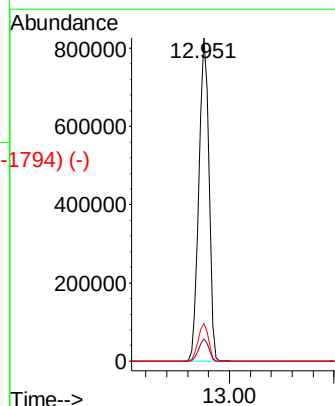
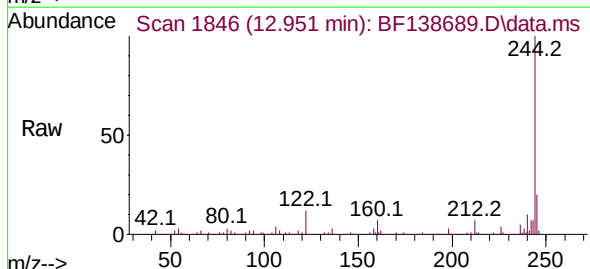
Tgt Ion:244 Resp: 1088487

Ion Ratio Lower Upper

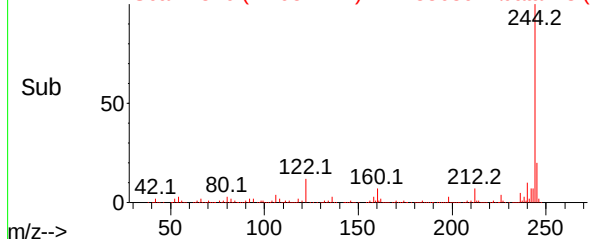
244 100

212 6.9 5.4 8.2

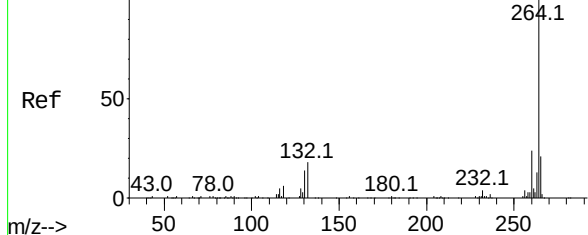
122 11.7 9.6 14.4



Abundance Scan 1846 (12.951 min): BF138689.D\data.ms (-1794) (-)



Abundance Scan 2274 (15.468 min): BF138684.D\data.ms (-2274) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138689.D

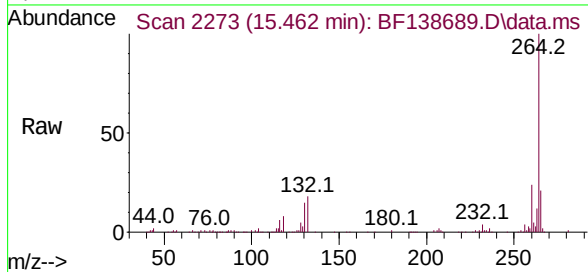
Acq: 30 Jul 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB162188BL



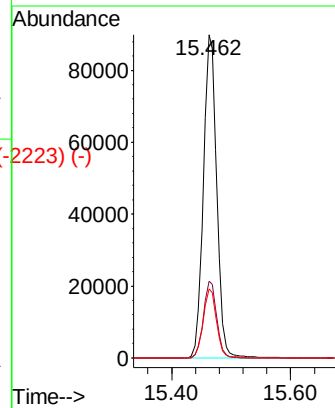
Tgt Ion:264 Resp: 141233

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.4 17.0 25.6



Abundance Scan 2273 (15.462 min): BF138689.D\data.ms (-2273) (-)

