

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017368.D
 Acq On : 10 Nov 2021 03:38
 Operator : CG/JU
 Sample : M4504-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20211103

Quant Time: Nov 10 11:22:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

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

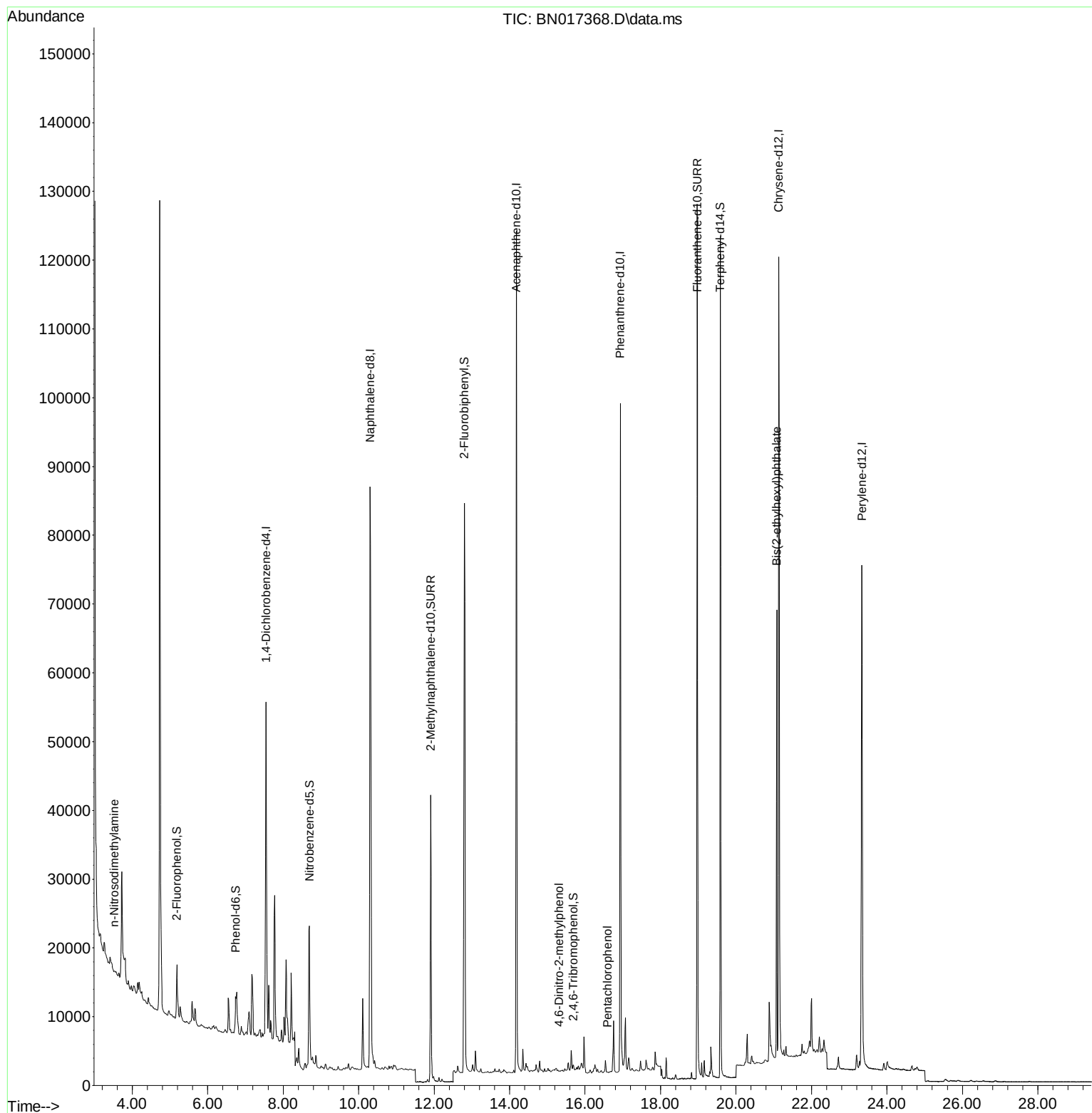
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	27377	0.400	ng	0.00
7) Naphthalene-d8	10.306	136	126016	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	67345	0.400	ng	0.00
19) Phenanthrene-d10	16.933	188	128513	0.400	ng	0.00
29) Chrysene-d12	21.133	240	119215	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	102259	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8280	0.131	ng	0.02
5) Phenol-d6	6.740	99	5209	0.075	ng	0.00
8) Nitrobenzene-d5	8.697	82	21686	0.287	ng	0.01
11) 2-Methylnaphthalene-d10	11.910	152	58379	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	627	0.025	ng	0.01
15) 2-Fluorobiphenyl	12.798	172	80172	0.313	ng	0.00
27) Fluoranthene-d10	18.975	212	150877	0.460	ng	0.00
31) Terphenyl-d14	19.585	244	124499	0.469	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.531	42	620	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.310	198	13	0.187	ng	# 1
24) Pentachlorophenol	16.593	266	48	0.221	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.080	149	56596	0.443	ng	100

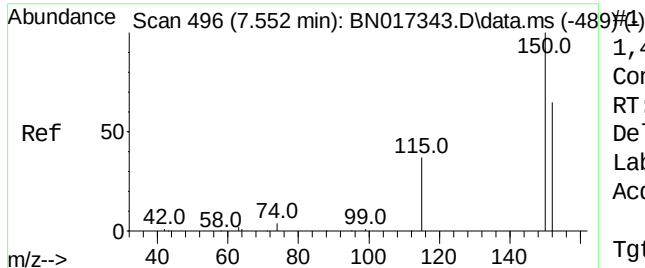
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.551 min Scan# 4

Delta R.T. 0.009 min

Lab File: BN017368.D

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ClientSampleId :

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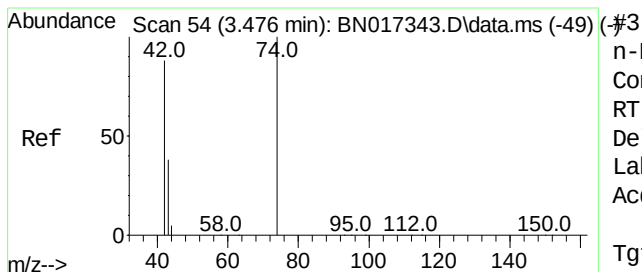
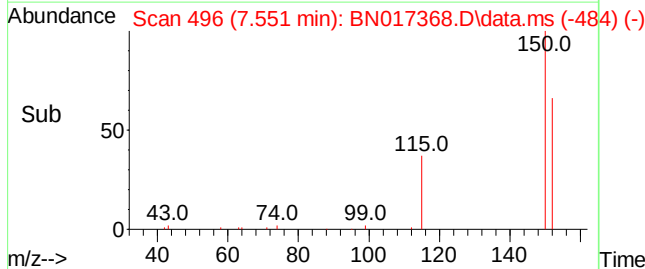
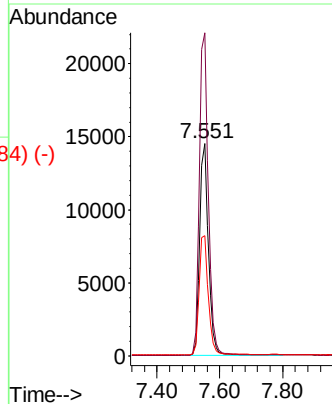
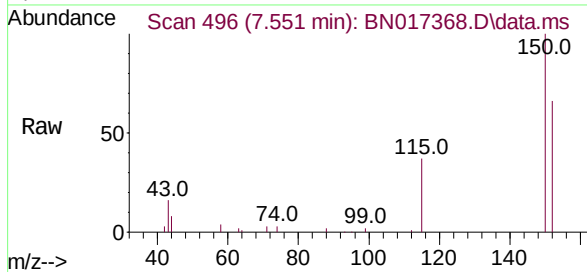
Tgt Ion:152 Resp: 27377

Ion Ratio Lower Upper

152 100

150 151.9 123.0 184.4

115 56.6 45.6 68.4



n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.531 min Scan# 60

Delta R.T. 0.055 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

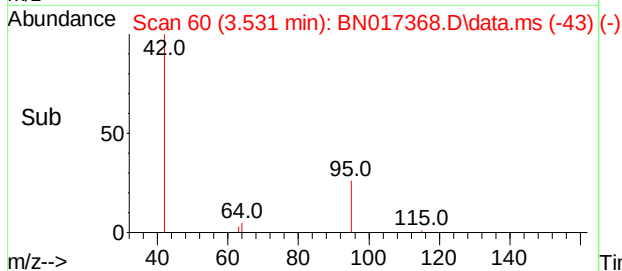
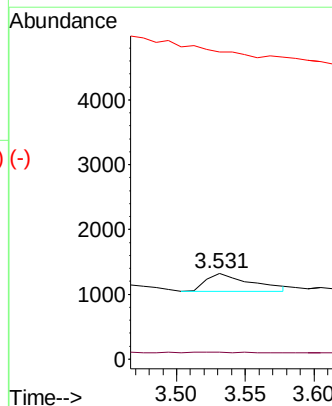
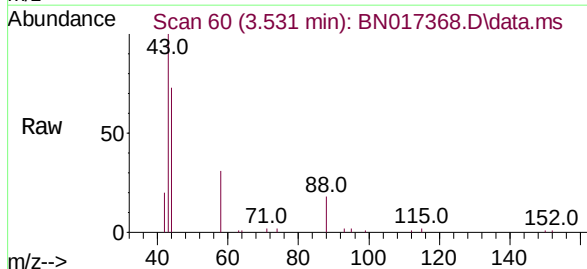
Tgt Ion: 42 Resp: 620

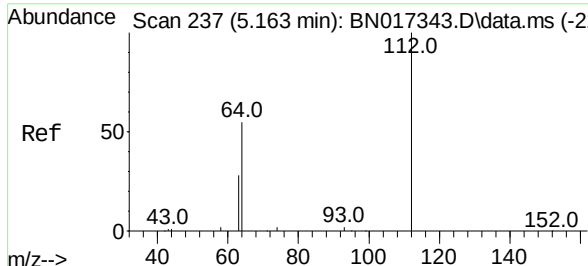
Ion Ratio Lower Upper

42 100

74 0.0 97.8 146.6#

44 0.0 5.5 8.3#





2-Fluorophenol

Concen: 0.131 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017368.D

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Instrument :

BNA_N

ClientSampleId :

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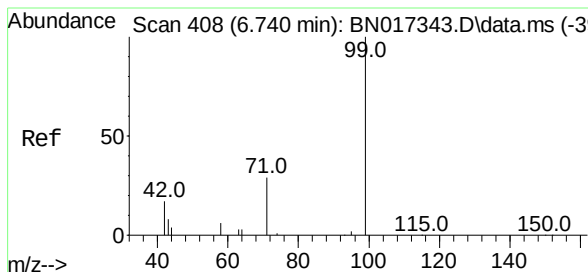
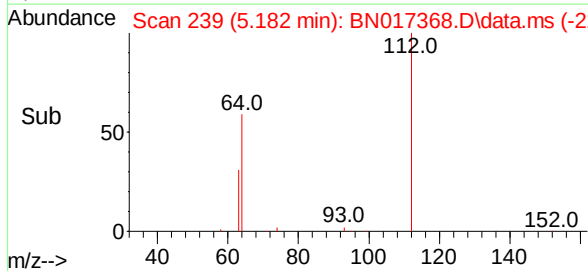
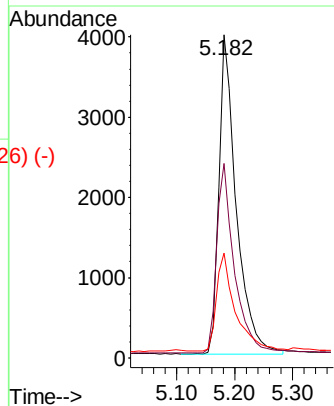
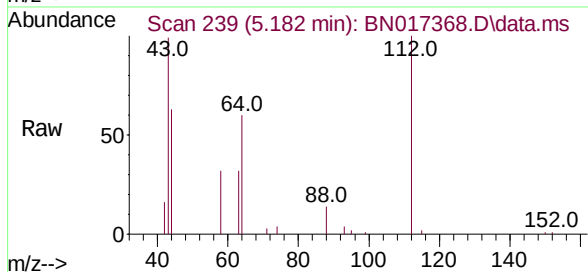
Tgt Ion:112 Resp: 8280

Ion Ratio Lower Upper

112 100

64 60.4 47.6 71.4

63 33.2 24.6 37.0



Phenol-d6

Concen: 0.075 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

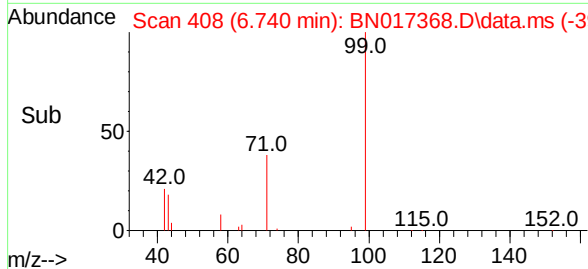
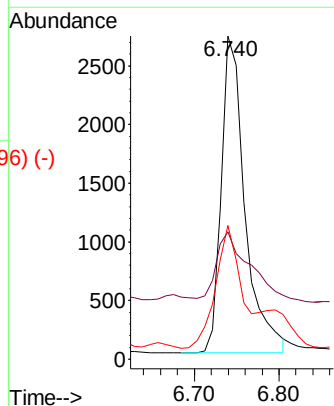
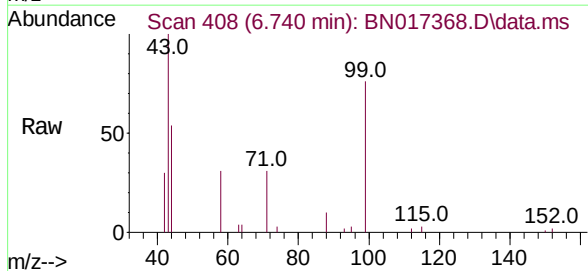
Tgt Ion: 99 Resp: 5209

Ion Ratio Lower Upper

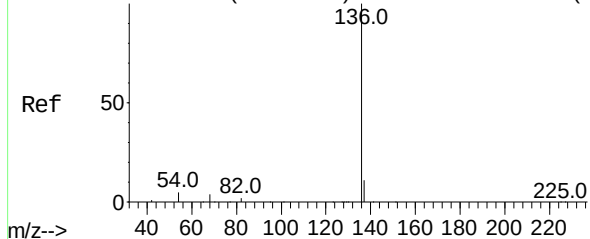
99 100

42 28.1 17.0 25.6#

71 44.5 24.8 37.2#



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-737) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.306 min Scan#

Delta R.T. -0.000 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20211103

Tgt Ion:136 Resp: 126016

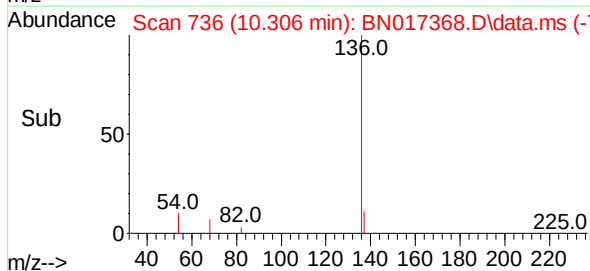
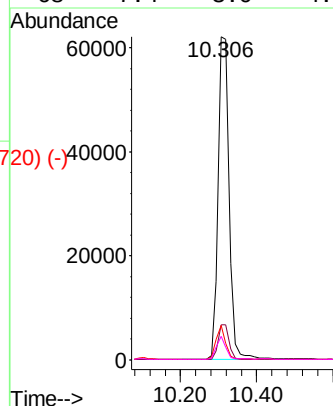
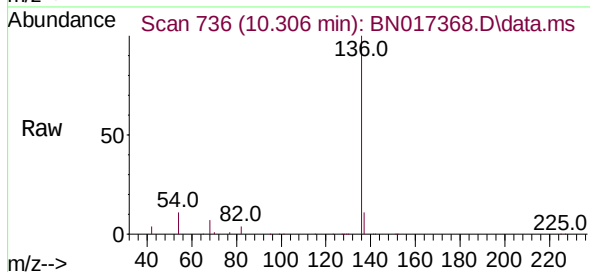
Ion Ratio Lower Upper

136 100

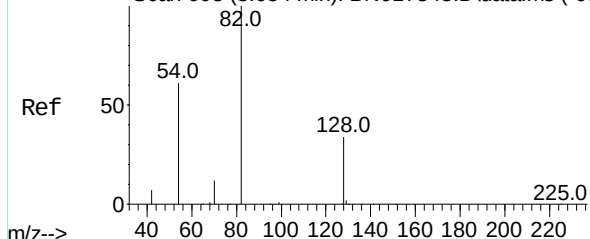
137 10.9 8.8 13.2

54 10.6 4.0 6.0#

68 7.4 3.0 4.6#



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-605) (-)



Nitrobenzene-d5

Concen: 0.287 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.012 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

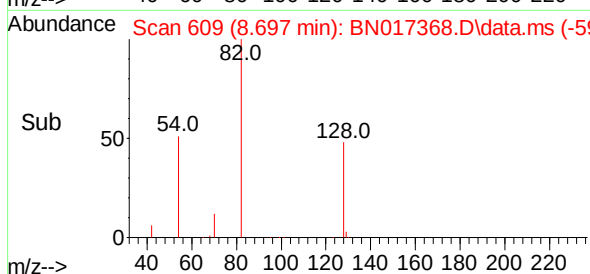
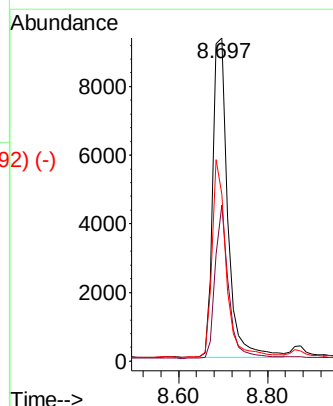
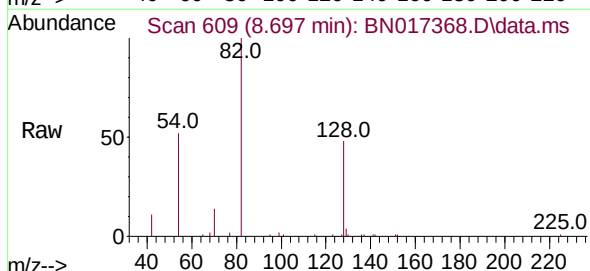
Tgt Ion: 82 Resp: 21686

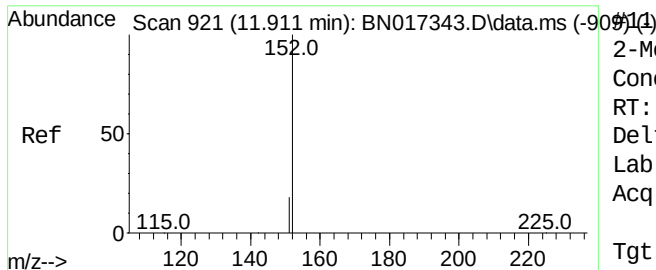
Ion Ratio Lower Upper

82 100

128 48.3 27.7 41.5#

54 51.8 49.2 73.8

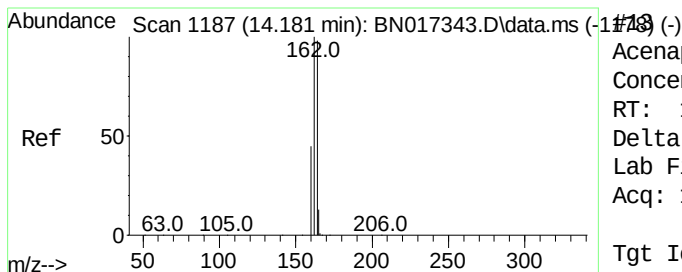
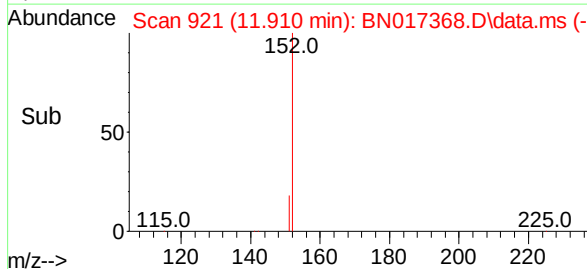
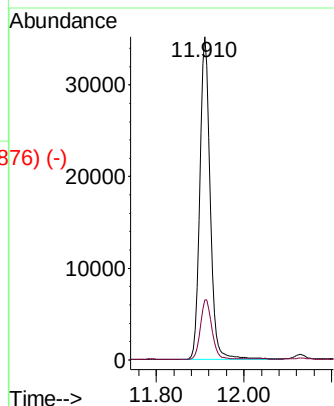
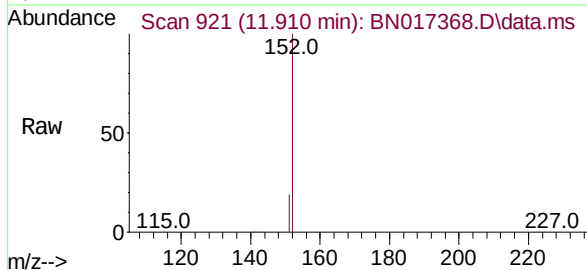




2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 11.910 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BN017368.D
 Acq: 10 Nov 2021 03:38

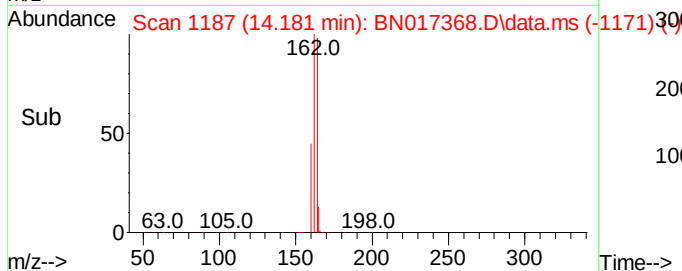
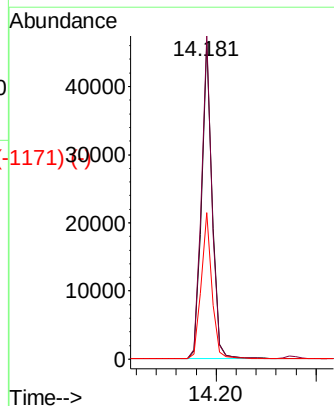
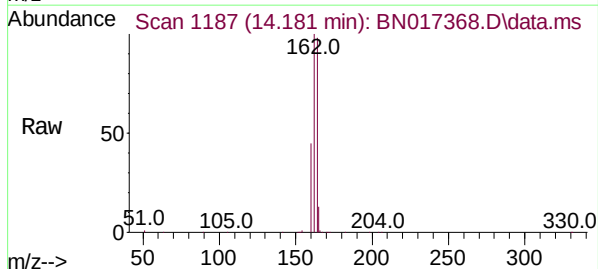
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20211103

Tgt Ion:152 Resp: 58379
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BN017368.D
 Acq: 10 Nov 2021 03:38

Tgt Ion:164 Resp: 67345
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.2
 160 46.2 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.025 ng

RT: 15.691 min Scan# 1305

Delta R.T. 0.012 min

Lab File: BN017368.D

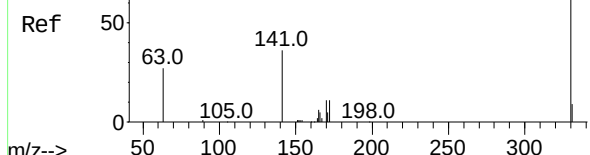
Acq: 10 Nov 2021 03:38

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20211103



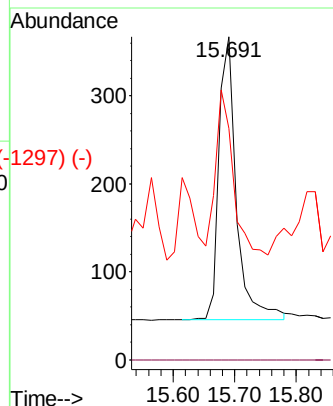
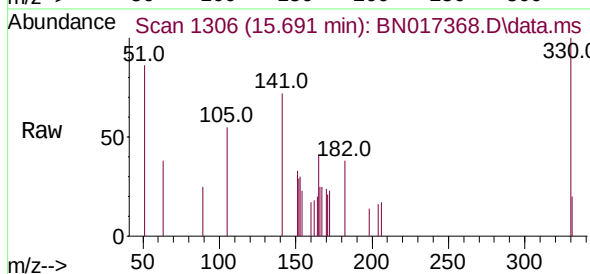
Tgt Ion:330 Resp: 627

Ion Ratio Lower Upper

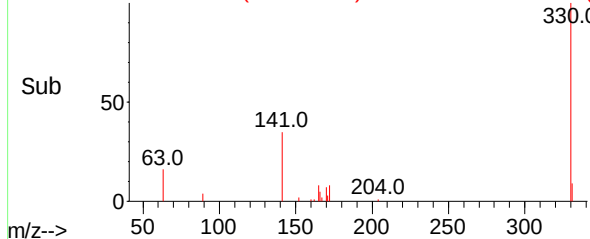
330 100

332 0.0 0.0 0.0

141 57.7 28.9 43.3#



Abundance Scan 1306 (15.691 min): BN017368.D\data.ms (-1297) (-)



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1074) (-)

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 12.798 min Scan# 1078

Delta R.T. -0.000 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

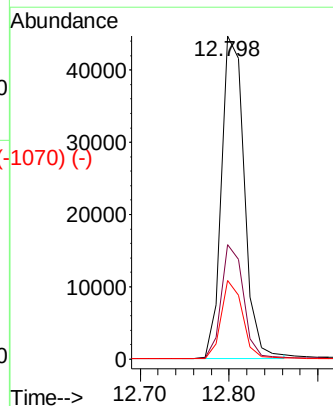
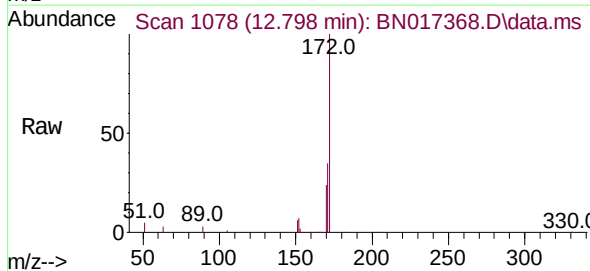
Tgt Ion:172 Resp: 80172

Ion Ratio Lower Upper

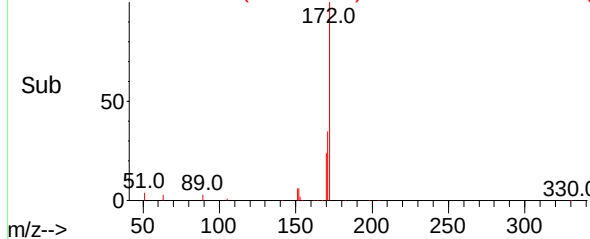
172 100

171 35.5 28.7 43.1

170 24.3 19.4 29.2



Abundance Scan 1078 (12.798 min): BN017368.D\data.ms (-1070) (-)



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.933 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20211103

Tgt Ion:188 Resp: 128513

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 6.1 9.1

Abundance Scan 1407 (16.933 min): BN017368.D\data.ms

Ref 50

80.0 151.0 188.0 250.0 284.0

m/z-->

Raw 50

80.0 141.0 188.0 250.0 284.0 330.0

m/z-->

Abundance Scan 1407 (16.933 min): BN017368.D\data.ms (-1391) (-)

Sub 50

80.0 142.0 188.0 264.0 332.0

m/z-->

Abundance

80000 16.933

60000

40000

20000

0

Time--> 16.80 16.90 17.00

Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.310 min Scan# 1276

Delta R.T. -0.026 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

Tgt Ion:198 Resp: 13

Ion Ratio Lower Upper

198 100

182 121.8 11.4 17.2#

77 0.0 0.0 0.0

Abundance Scan 1276 (15.310 min): BN017368.D\data.ms

Ref 50

51.0 105.0 165.0 206.0 330.0

m/z-->

Raw 50

51.0 105.0 165.0 206.0 330.0

m/z-->

Abundance Scan 1276 (15.310 min): BN017368.D\data.ms (-1270) (-)

Sub 50

141.0 198.0 330.0

m/z-->

Abundance

100

50

15.310

0

Time--> 15.30 15.35

Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

Pentachlorophenol

Concen: 0.221 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BN017368.D

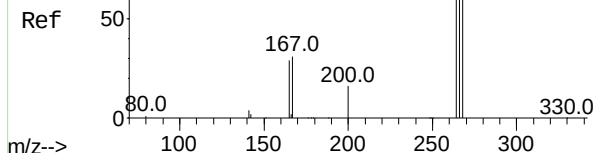
Acq: 10 Nov 2021 03:38

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20211103



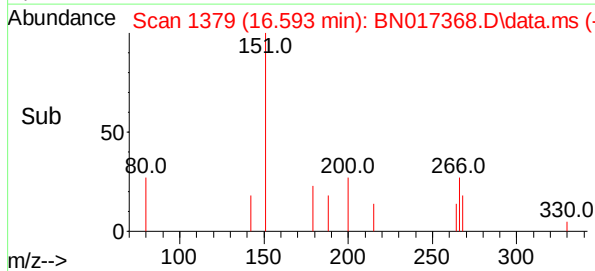
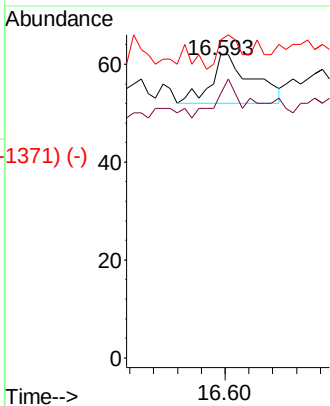
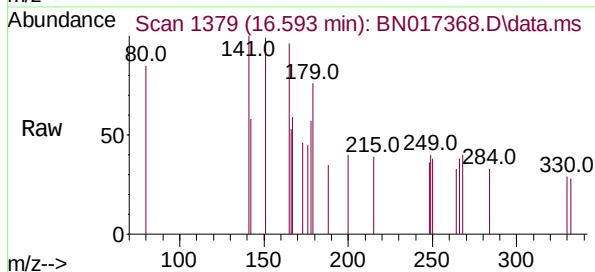
Tgt Ion:266 Resp: 48

Ion Ratio Lower Upper

266 100

264 39.6 49.8 74.8#

268 39.6 51.3 76.9#



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)

Fluoranthene-d10

Concen: 0.460 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

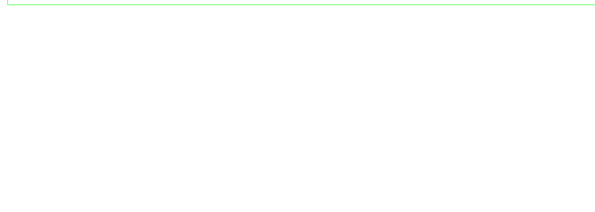
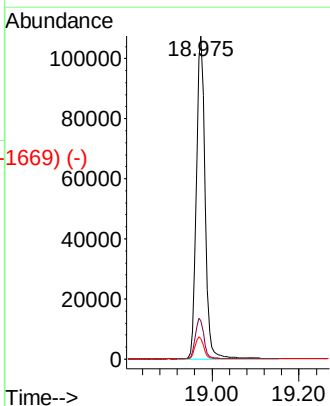
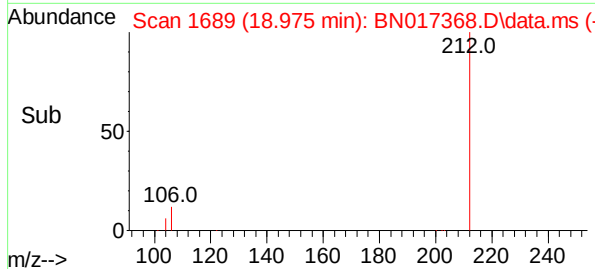
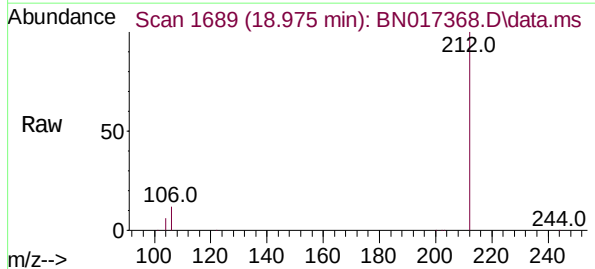
Tgt Ion:212 Resp: 150877

Ion Ratio Lower Upper

212 100

106 12.4 10.5 15.7

104 6.7 5.8 8.6



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1929) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017368.D

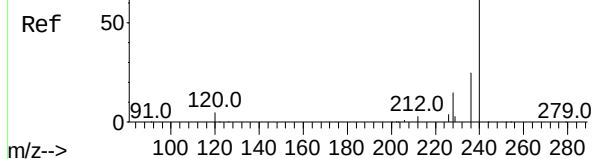
Acq: 10 Nov 2021 03:38

Instrument :

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RW8-MW01D2-20211103



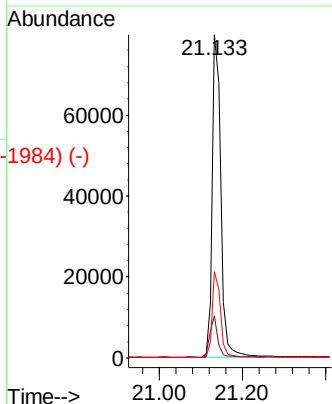
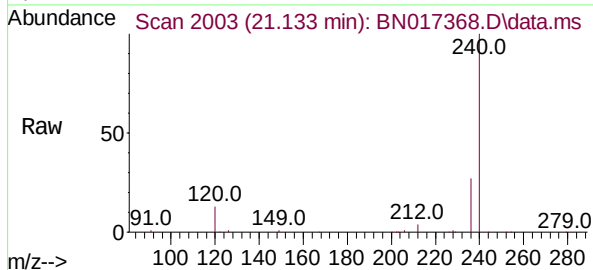
Tgt Ion:240 Resp: 119215

Ion Ratio Lower Upper

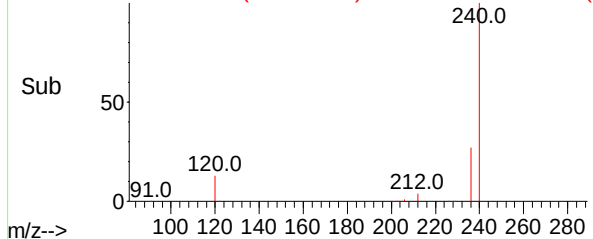
240 100

120 13.0 4.2 6.2#

236 26.7 20.0 30.0



Abundance Scan 2003 (21.133 min): BN017368.D\data.ms (-1984) (-)



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1801) (-)

Terphenyl-d14

Concen: 0.469 ng

RT: 19.585 min Scan# 1812

Delta R.T. -0.005 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

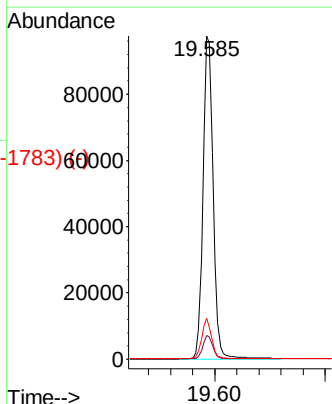
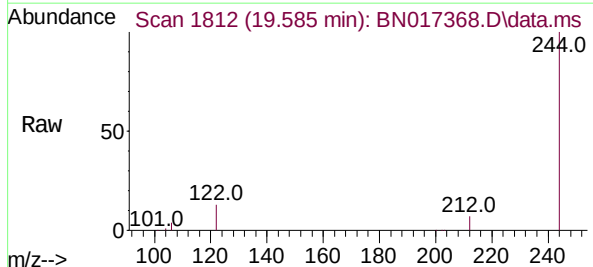
Tgt Ion:244 Resp: 124499

Ion Ratio Lower Upper

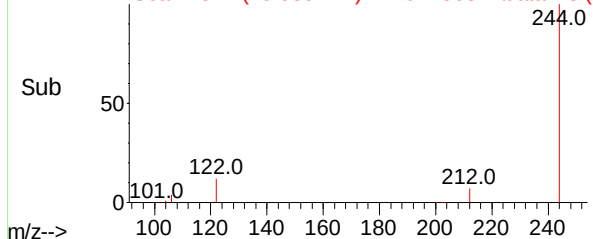
244 100

212 7.3 5.7 8.5

122 12.7 8.6 13.0



Abundance Scan 1812 (19.585 min): BN017368.D\data.ms (-1783) (-)



Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1989)

Bis(2-ethylhexyl)phthalate

Concen: 0.443 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017368.D

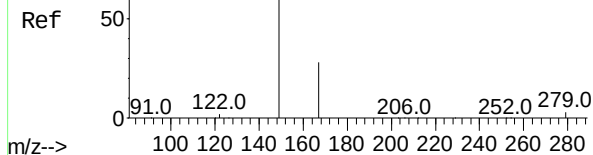
Acq: 10 Nov 2021 03:38

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20211103



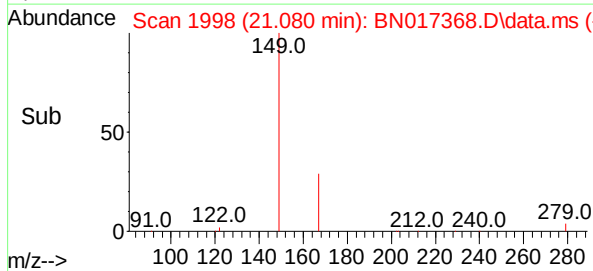
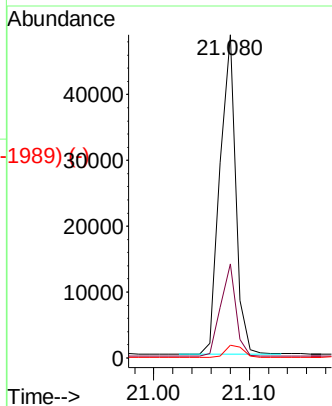
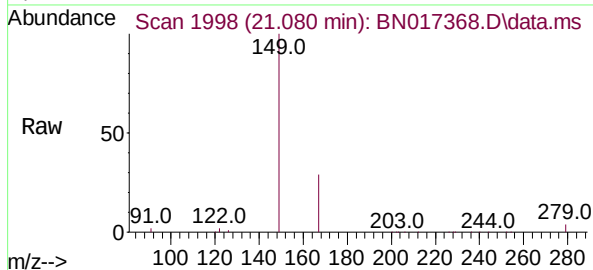
Tgt Ion:149 Resp: 56596

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.2 3.4 5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN017368.D

Acq: 10 Nov 2021 03:38

Tgt Ion:264 Resp: 102259

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.2 18.6 28.0

