

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
 Data File : BN035091.D
 Acq On : 14 Nov 2024 17:11
 Operator : RC/JU
 Sample : P4773-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20241107

Quant Time: Nov 14 17:47:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

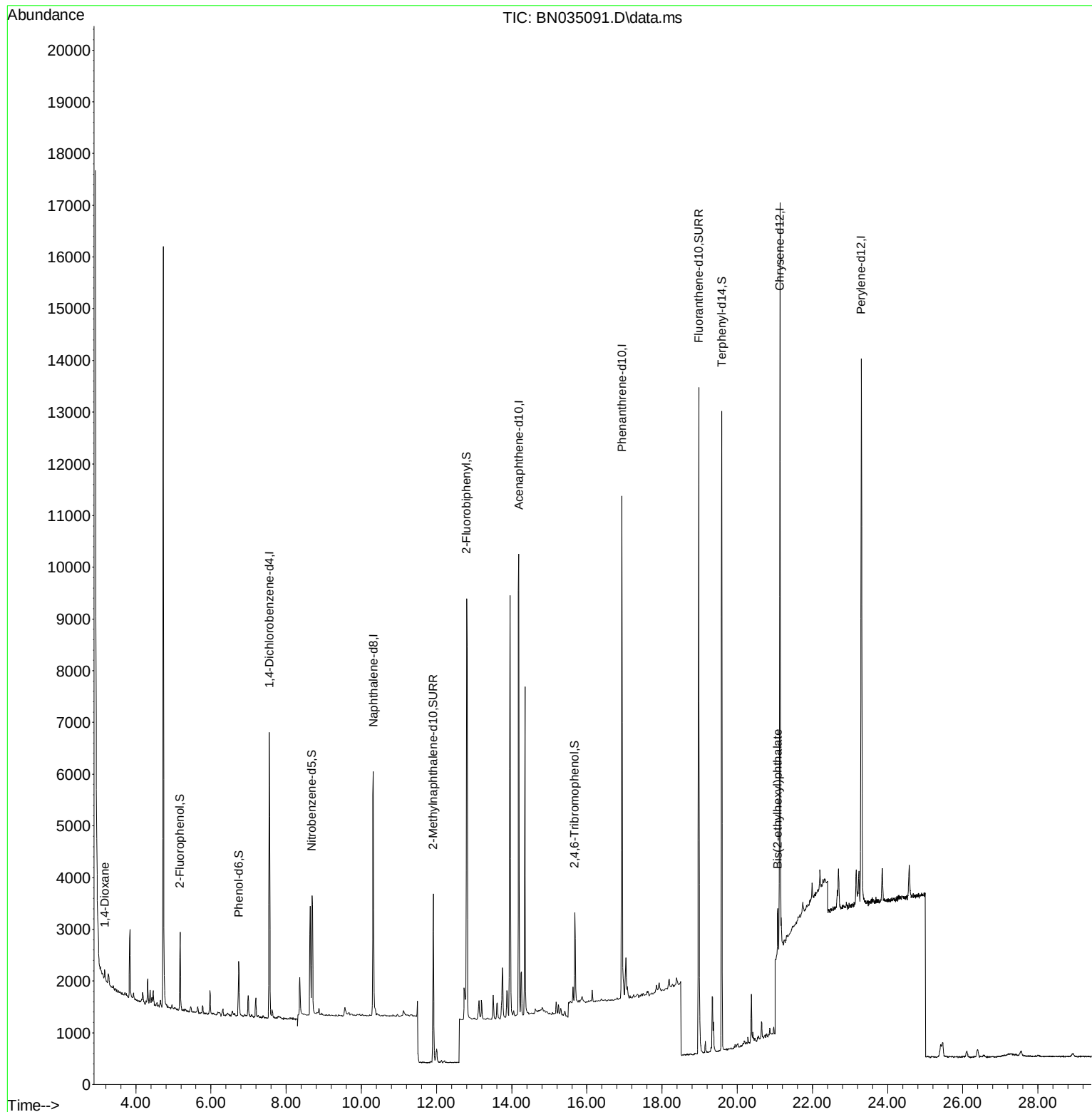
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2624	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	6821	0.400	ng	0.00
13) Acenaphthene-d10	14.190	164	5370	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	12809	0.400	ng	# 0.00
29) Chrysene-d12	21.133	240	12812	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	13035	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1219	0.183	ng	0.00
5) Phenol-d6	6.737	99	1036	0.124	ng	0.00
8) Nitrobenzene-d5	8.685	82	2153	0.363	ng	-0.01
11) 2-Methylnaphthalene-d10	11.912	152	4394	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	1044	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.800	172	7678	0.352	ng	0.00
27) Fluoranthene-d10	18.973	212	15281	0.389	ng	0.00
31) Terphenyl-d14	19.586	244	12316	0.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	159	0.067	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.071	149	874	0.037	ng	# 93

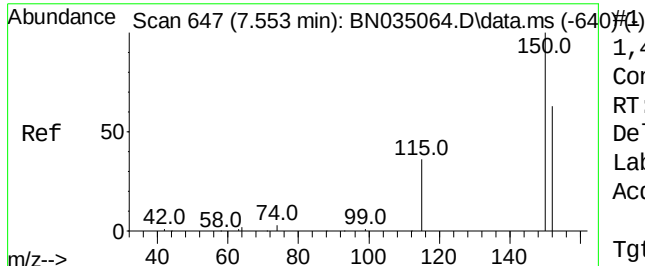
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 13 17:18:14 2024
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.553 min Scan#

Delta R.T. 0.000 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20241107

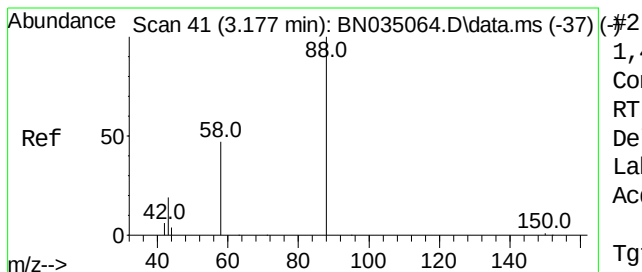
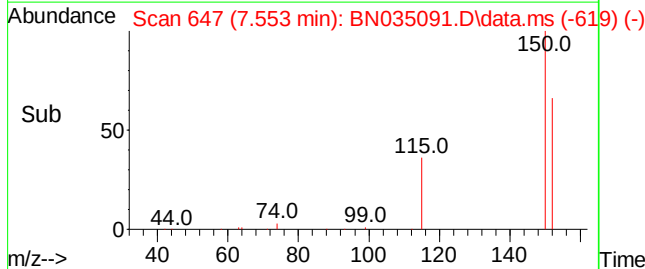
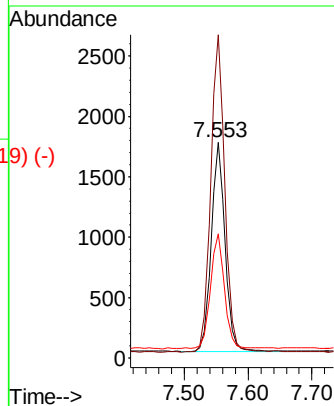
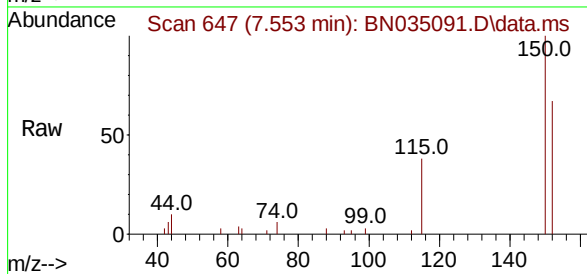
Tgt Ion:152 Resp: 2624

Ion Ratio Lower Upper

152 100

150 149.7 124.5 186.7

115 57.6 47.8 71.6



1,4-Dioxane

Concen: 0.067 ng

RT: 3.176 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

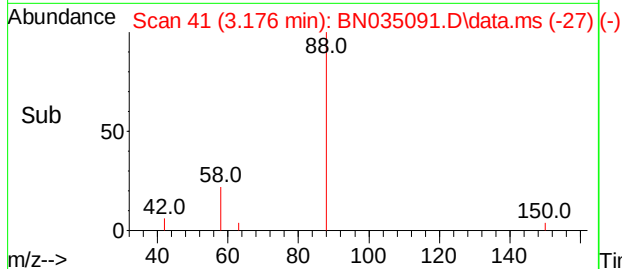
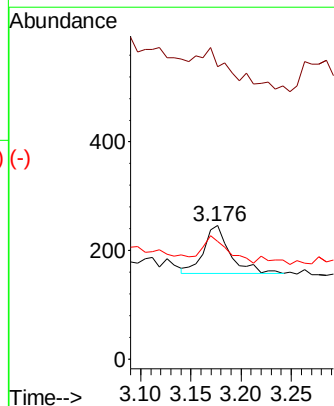
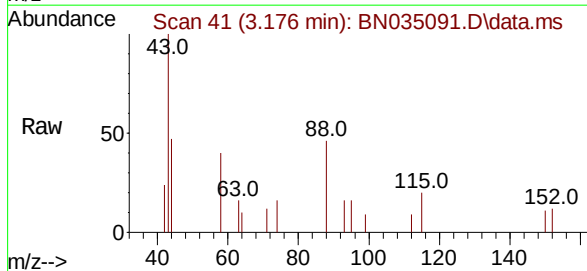
Tgt Ion: 88 Resp: 159

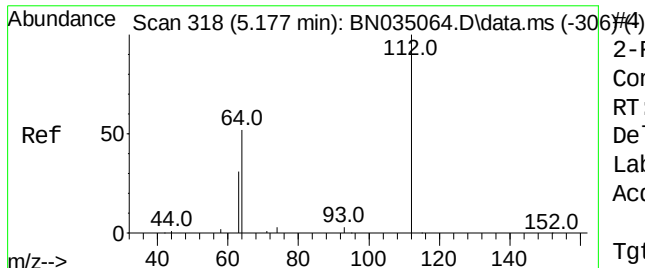
Ion Ratio Lower Upper

88 100

43 0.0 16.9 25.3#

58 56.0 39.0 58.4





2-Fluorophenol

Concen: 0.183 ng

RT: 5.177 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20241107

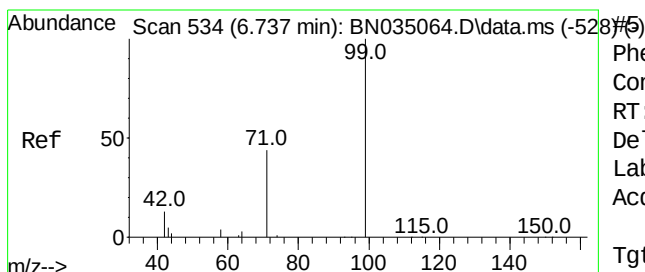
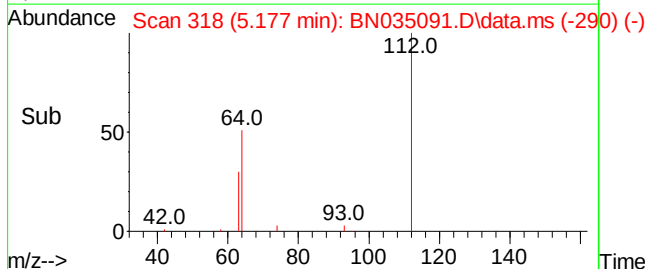
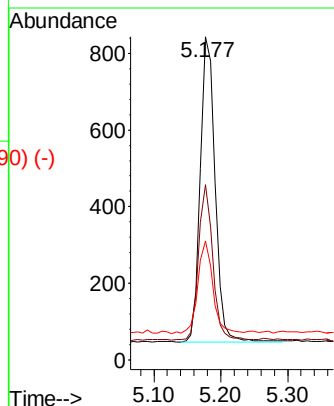
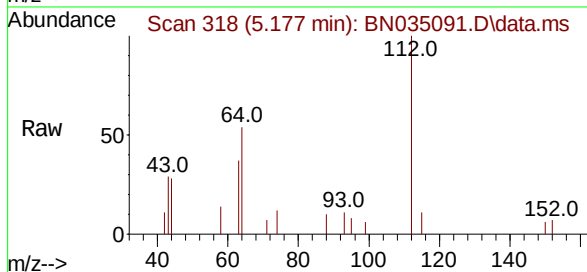
Tgt Ion:112 Resp: 1219

Ion Ratio Lower Upper

112 100

64 48.6 39.7 59.5

63 30.7 23.0 34.4



Phenol-d6

Concen: 0.124 ng

RT: 6.737 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

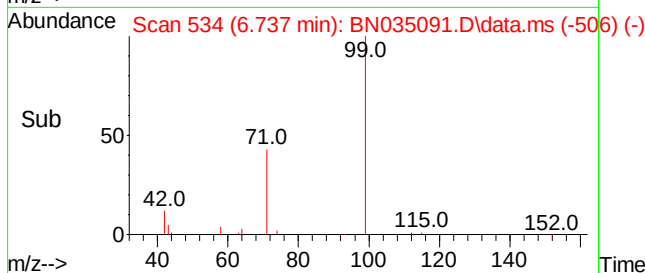
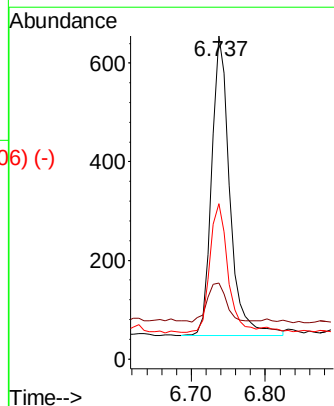
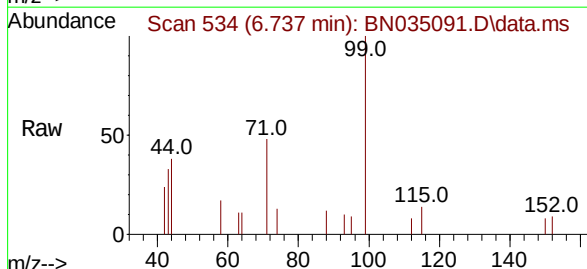
Tgt Ion: 99 Resp: 1036

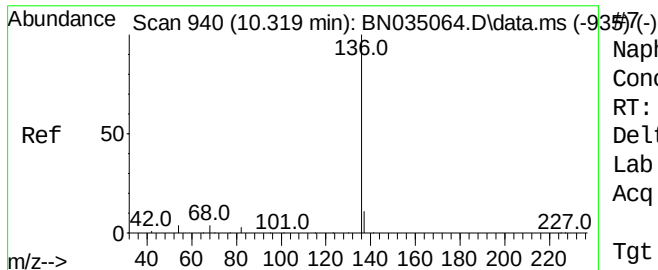
Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

71 42.6 34.6 51.8





Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. -0.000 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20241107

Tgt Ion:136 Resp: 6821

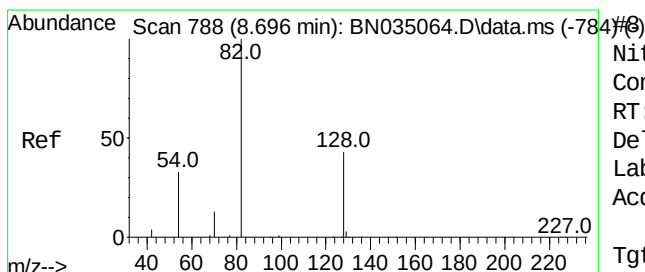
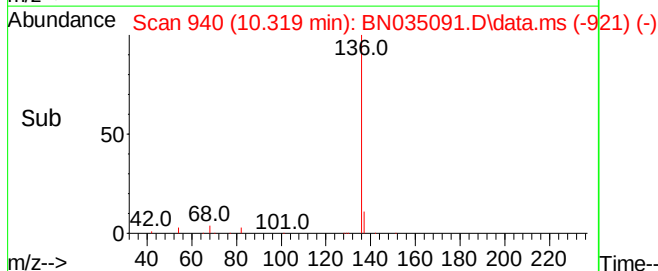
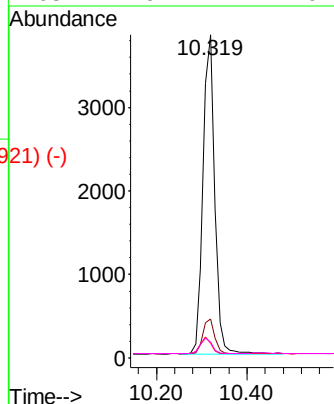
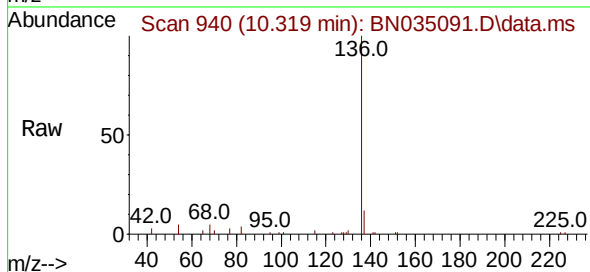
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 4.6 4.0 6.0

68 4.9 4.2 6.2



Nitrobenzene-d5

Concen: 0.363 ng

RT: 8.685 min Scan# 787

Delta R.T. -0.011 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

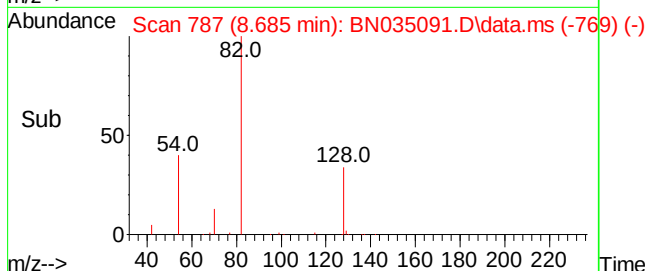
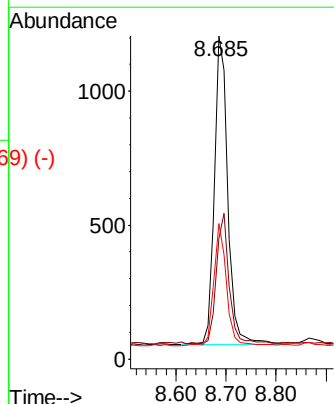
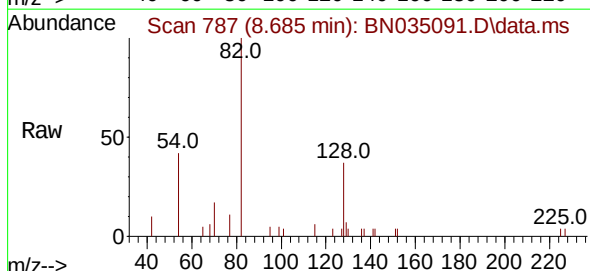
Tgt Ion: 82 Resp: 2153

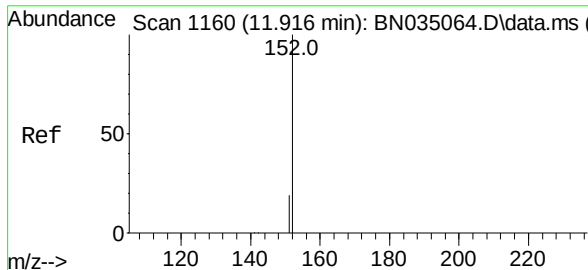
Ion Ratio Lower Upper

82 100

128 37.4 36.5 54.7

54 42.0 28.7 43.1

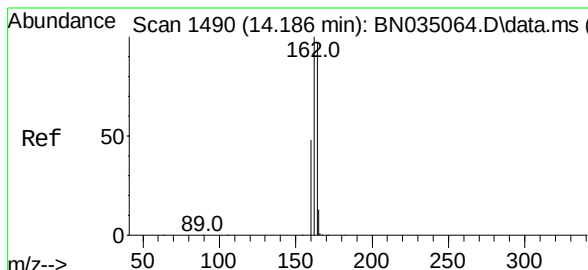
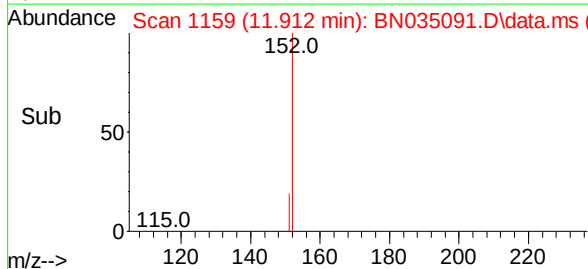
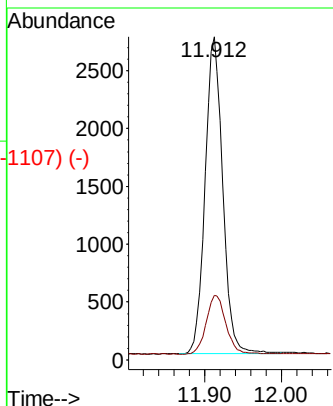
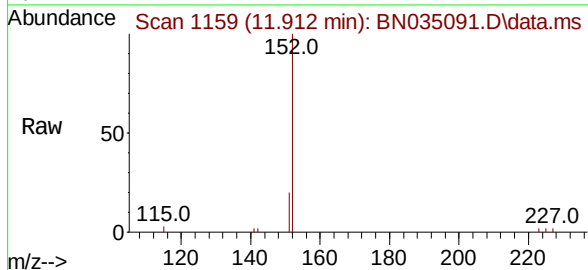




2-Methylnaphthalene-d10
 Concen: 0.361 ng
 RT: 11.912 min Scan# 1159
 Delta R.T. -0.004 min
 Lab File: BN035091.D
 Acq: 14 Nov 2024 17:11

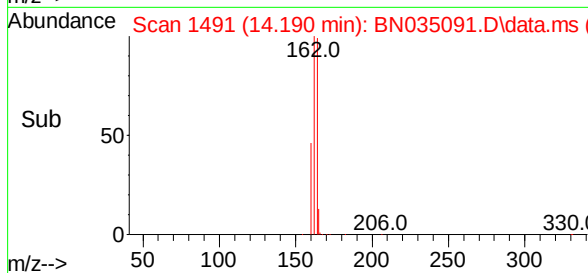
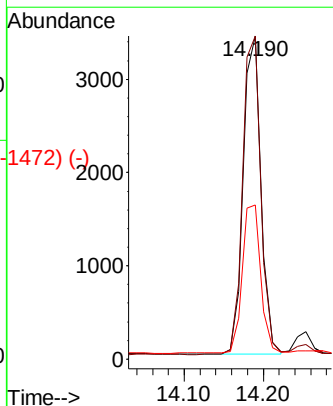
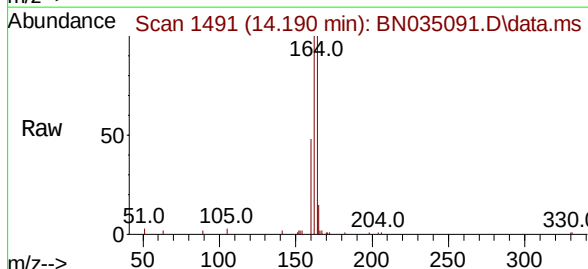
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20241107

Tgt Ion:152 Resp: 4394
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.190 min Scan# 1491
 Delta R.T. 0.004 min
 Lab File: BN035091.D
 Acq: 14 Nov 2024 17:11

Tgt Ion:164 Resp: 5370
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.2 123.2
 160 47.8 40.2 60.4



Abundance Scan 1628 (15.686 min): BN035064.D\data.ms (-1612) (-)

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 15.679 min Scan# 1628

Delta R.T. -0.007 min

Lab File: BN035091.D

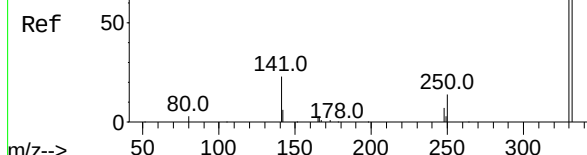
Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20241107



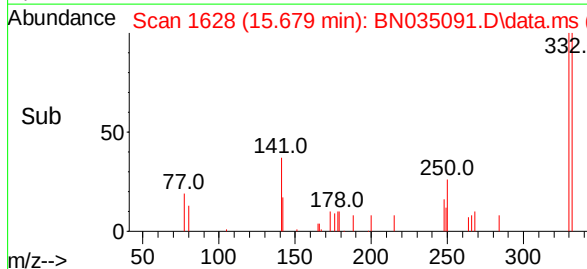
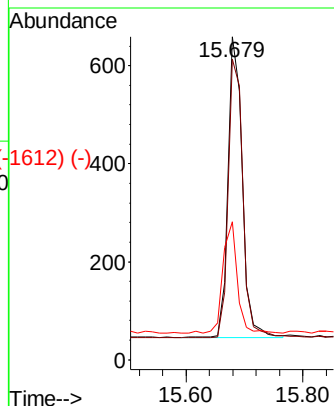
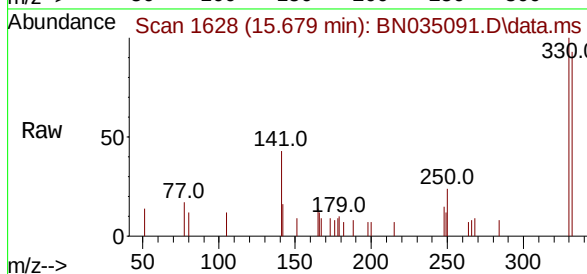
Tgt Ion:330 Resp: 1044

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

141 37.6 29.6 44.4



Abundance Scan 1361 (12.807 min): BN035064.D\data.ms (-1315) (-)

2-Fluorobiphenyl

Concen: 0.352 ng

RT: 12.800 min Scan# 1361

Delta R.T. -0.007 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

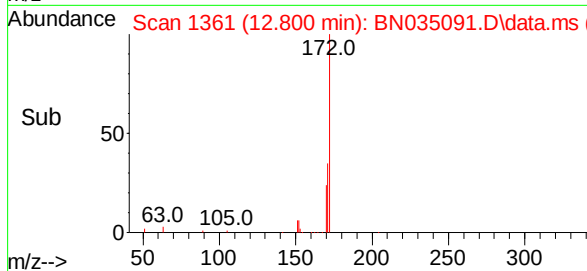
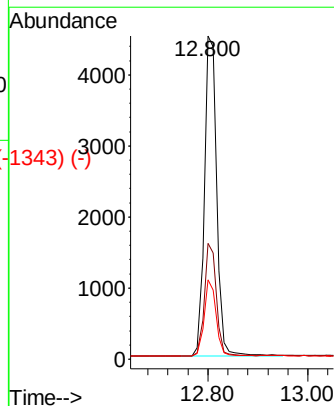
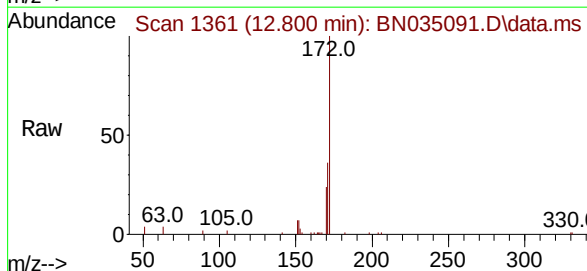
Tgt Ion:172 Resp: 7678

Ion Ratio Lower Upper

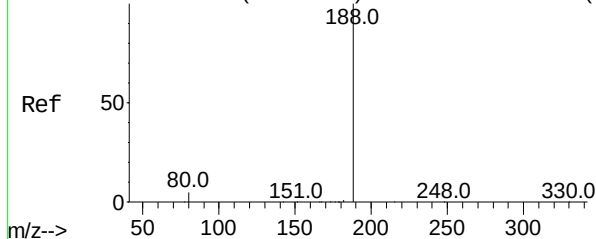
172 100

171 35.8 28.2 42.4

170 24.5 19.0 28.6



Abundance Scan 1729 (16.939 min): BN035064.D\data.ms (-1713) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.932 min Scan# 1729

Delta R.T. -0.007 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20241107

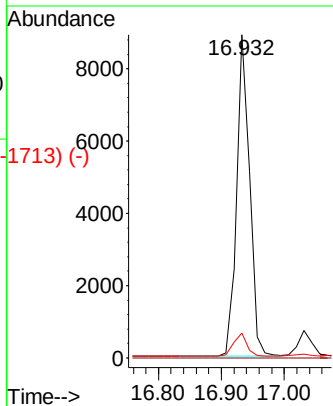
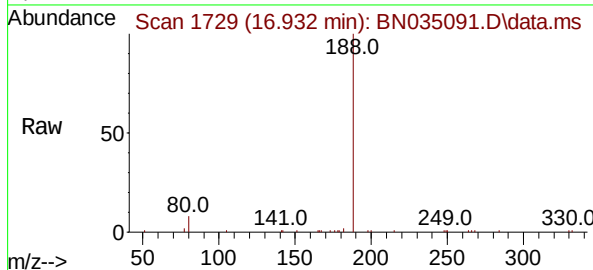
Tgt Ion:188 Resp: 12809

Ion Ratio Lower Upper

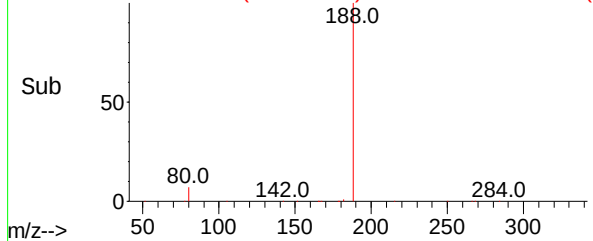
188 100

94 0.0 0.0 0.0

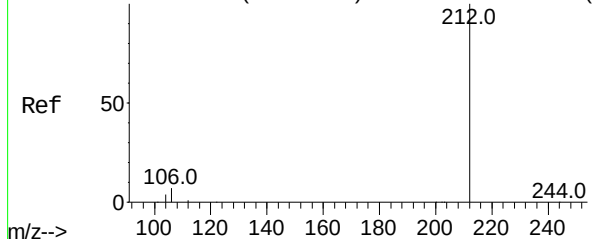
80 7.7 4.3 6.5#



Abundance Scan 1729 (16.932 min): BN035091.D\data.ms (-1713) (-)



Abundance Scan 1955 (18.976 min): BN035064.D\data.ms (-1913) (-)



Fluoranthene-d10

Concen: 0.389 ng

RT: 18.973 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

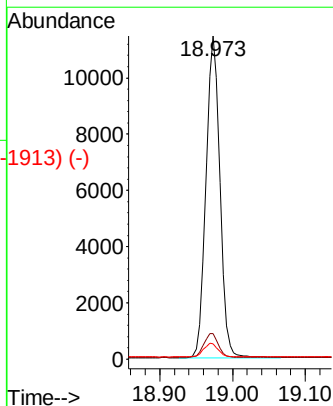
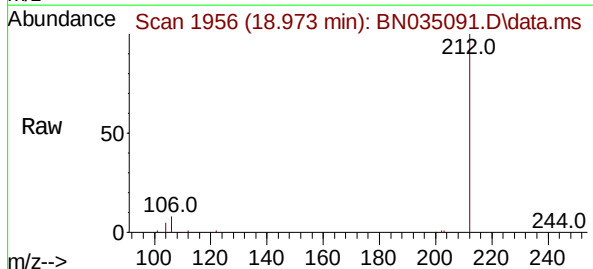
Tgt Ion:212 Resp: 15281

Ion Ratio Lower Upper

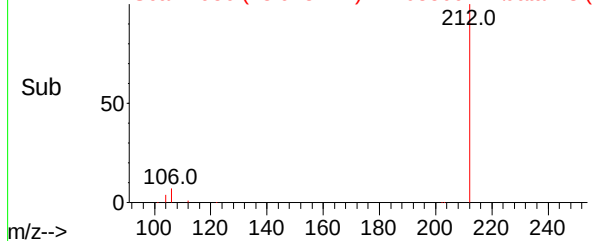
212 100

106 7.8 6.0 9.0

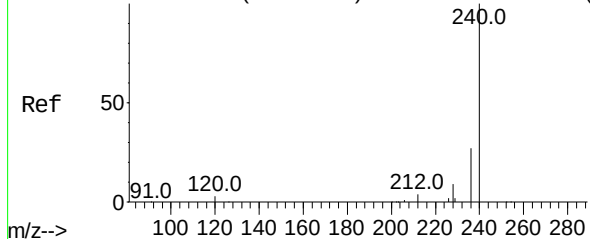
104 4.6 3.5 5.3



Abundance Scan 1956 (18.973 min): BN035091.D\data.ms (-1913) (-)



Abundance Scan 2407 (21.140 min): BN035064.D\data.ms (-2429) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 1

Delta R.T. -0.007 min

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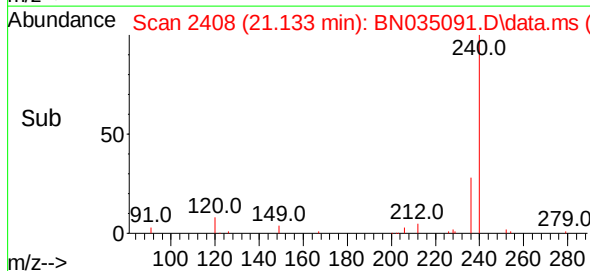
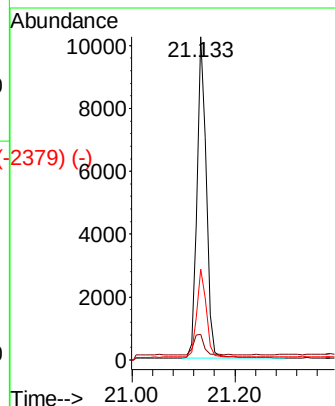
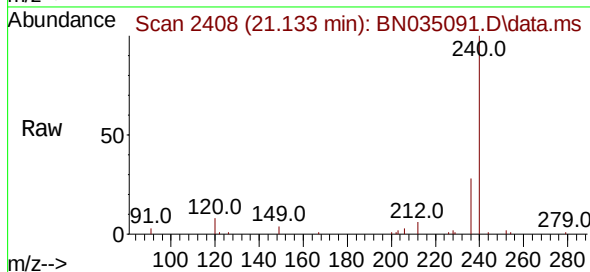
Tgt Ion:240 Resp: 12812

Ion Ratio Lower Upper

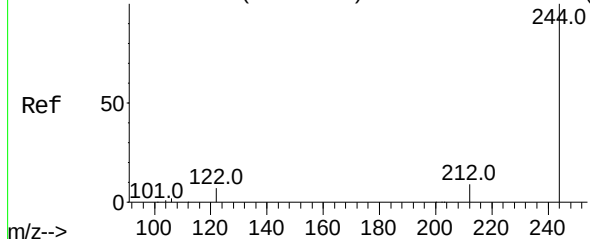
240 100

120 7.9 3.8 5.6#

236 28.1 22.2 33.2



Abundance Scan 2087 (19.589 min): BN035064.D\data.ms (-2088) (-)



Terphenyl-d14

Concen: 0.458 ng

RT: 19.586 min Scan# 2088

Delta R.T. -0.002 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

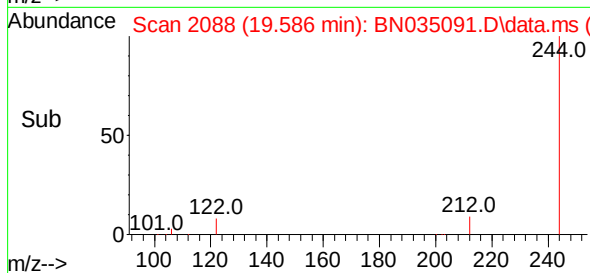
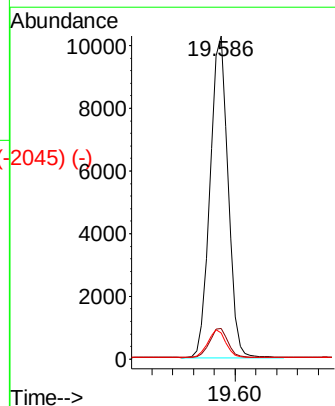
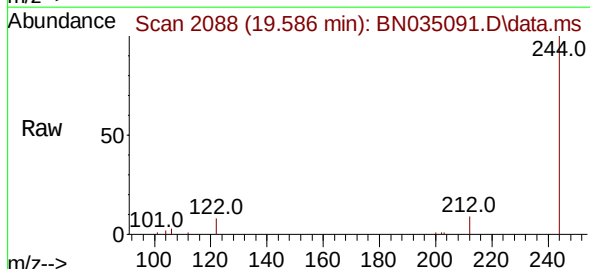
Tgt Ion:244 Resp: 12316

Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 8.1 6.1 9.1



Abundance Scan 2400 (21.077 min): BN035064.D\data.ms (-2394) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.071 min Scan# 2394

Delta R.T. -0.007 min

Lab File: BN035091.D

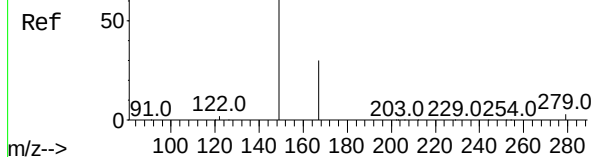
Acq: 14 Nov 2024 17:11

Instrument :

BNA_N

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RW7-SP303-20241107



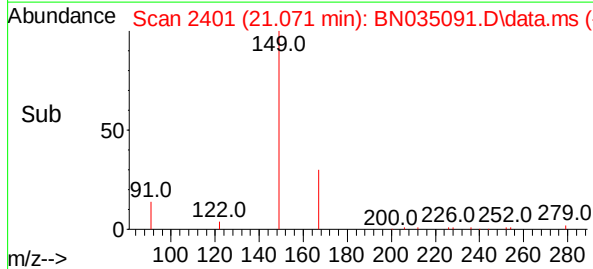
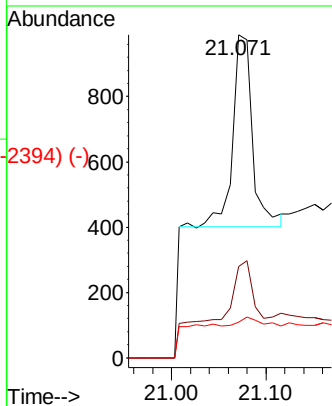
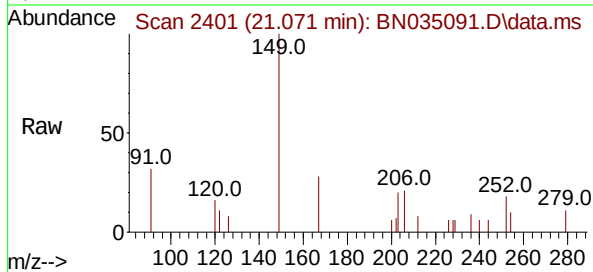
Tgt Ion:149 Resp: 874

Ion Ratio Lower Upper

149 100

167 32.8 23.2 34.8

279 7.0 3.2 4.8#



Abundance Scan 2854 (23.304 min): BN035064.D\data.ms (-2635) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.300 min Scan# 2856

Delta R.T. -0.004 min

Lab File: BN035091.D

Acq: 14 Nov 2024 17:11

Tgt Ion:264 Resp: 13035

Ion Ratio Lower Upper

264 100

260 25.9 20.9 31.3

265 50.7 35.4 53.2

