

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037244.D
 Acq On : 14 Jun 2025 02:20
 Operator : RC/JU
 Sample : Q2299-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250609

Quant Time: Jun 14 03:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

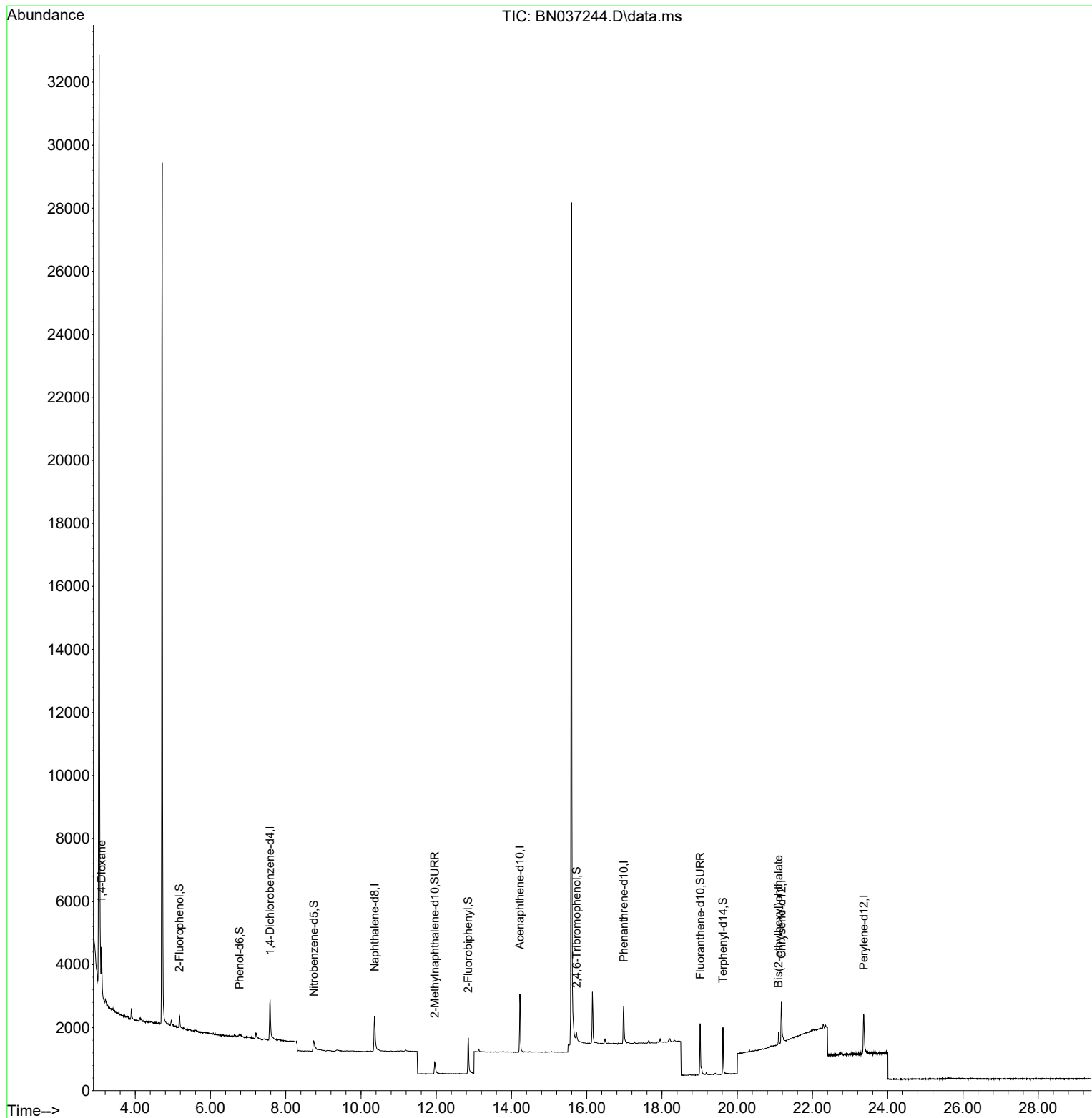
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	786	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	1976	0.400	ng	# 0.00
13) Acenaphthene-d10	14.223	164	1112	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	2088	0.400	ng	# 0.01
29) Chrysene-d12	21.179	240	1833	0.400	ng	0.00
35) Perylene-d12	23.362	264	1896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	274	0.142	ng	0.00
5) Phenol-d6	6.773	99	147	0.072	ng	0.01
8) Nitrobenzene-d5	8.749	82	507	0.260	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	741	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	155	0.336	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	1279	0.274	ng	0.00
27) Fluoranthene-d10	19.016	212	2155	0.394	ng	0.00
31) Terphenyl-d14	19.620	244	1634	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	678	0.629	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.099	149	406	0.088	ng	# 98

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

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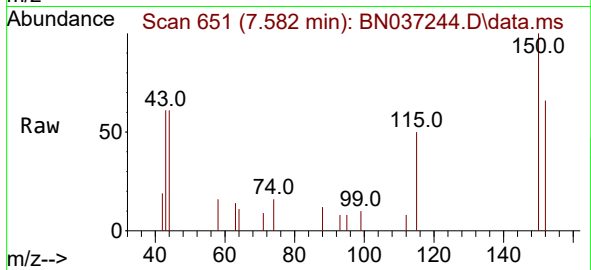
Quant Time: Jun 14 03:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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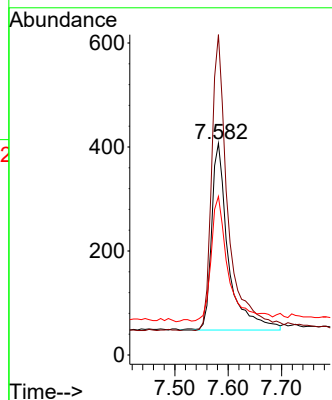
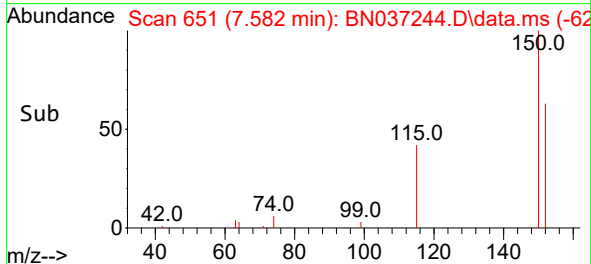


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037244.D
 Acq: 14 Jun 2025 02:20

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250609

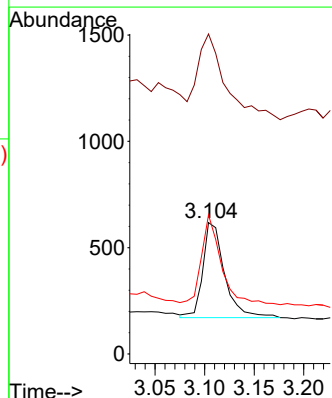
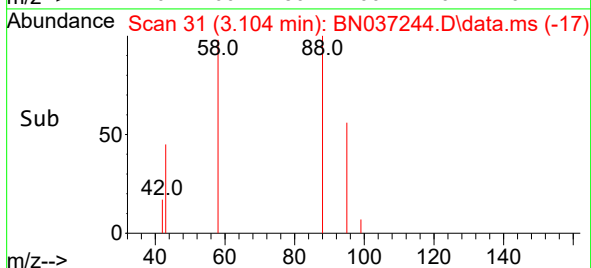
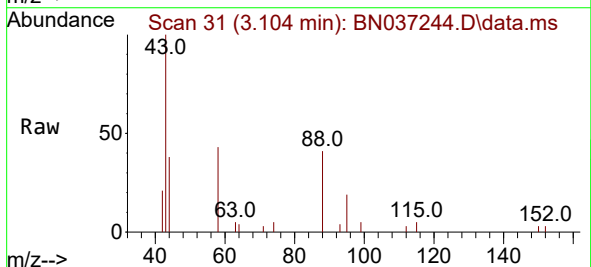


Tgt Ion:152 Resp: 786
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.2 187.8
 115 74.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.629 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037244.D
 Acq: 14 Jun 2025 02:20

Tgt Ion: 88 Resp: 678
 Ion Ratio Lower Upper
 88 100
 43 116.7 52.6 79.0#
 58 86.0 73.5 110.3





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.177 min Scan# 317

Delta R.T. 0.007 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

Instrument :

BNA_N

ClientSampleId :

RE117D1-20250609

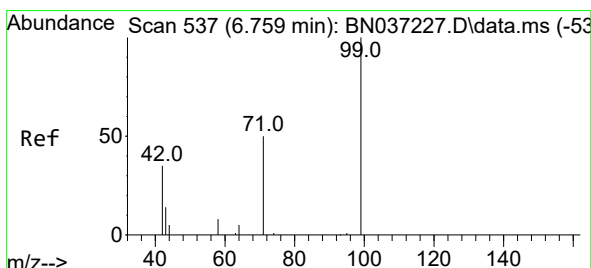
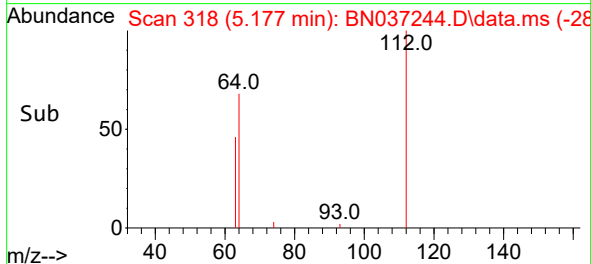
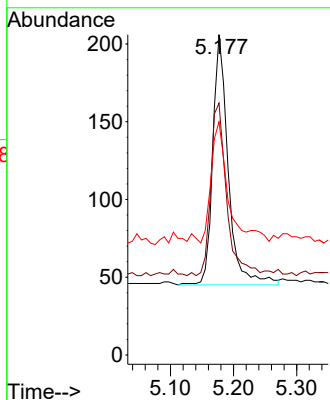
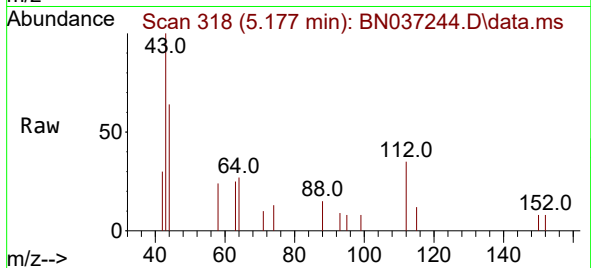
Tgt Ion:112 Resp: 274

Ion Ratio Lower Upper

112 100

64 71.2 57.2 85.8

63 49.3 39.8 59.6



#5

Phenol-d6

Concen: 0.072 ng

RT: 6.773 min Scan# 539

Delta R.T. 0.014 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

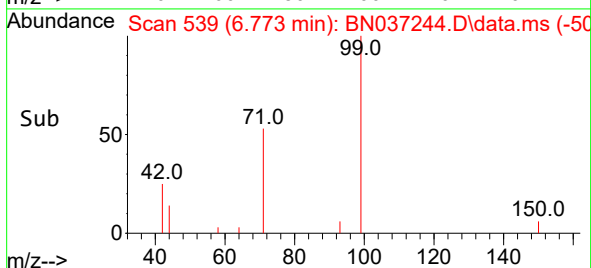
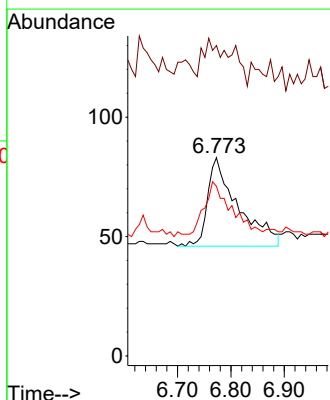
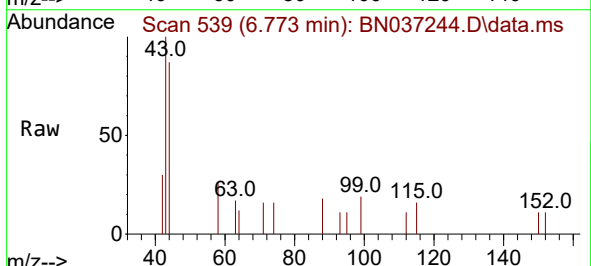
Tgt Ion: 99 Resp: 147

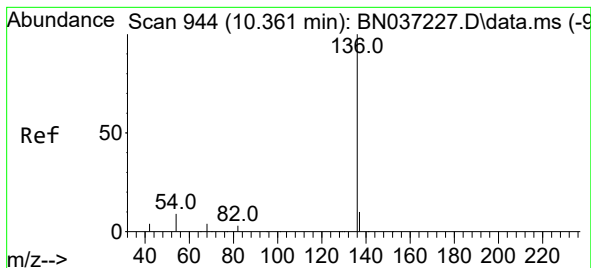
Ion Ratio Lower Upper

99 100

42 25.9 36.2 54.4#

71 53.1 42.4 63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.361 min Scan# 944

Delta R.T. -0.000 min

Lab File: BN037244.D

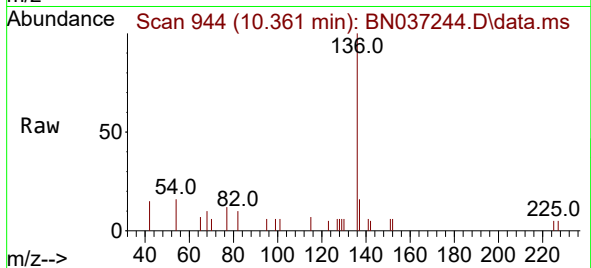
Acq: 14 Jun 2025 02:20

Instrument :

BNA_N

ClientSampleId :

RE117D1-20250609



Tgt Ion:136 Resp: 1976

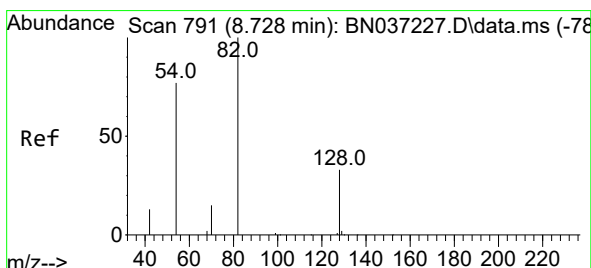
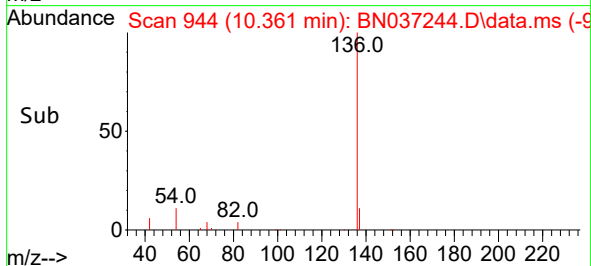
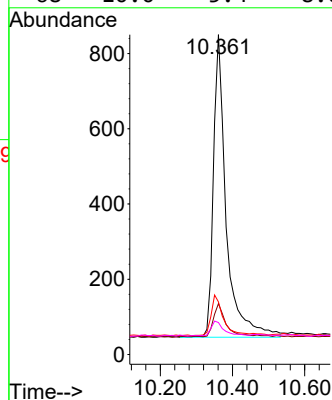
Ion Ratio Lower Upper

136 100

137 15.9 10.6 15.8#

54 16.5 9.2 13.8#

68 10.0 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.260 ng

RT: 8.749 min Scan# 793

Delta R.T. 0.021 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

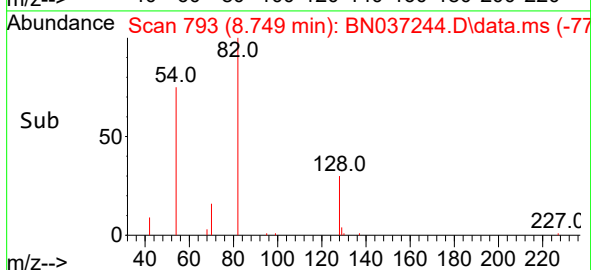
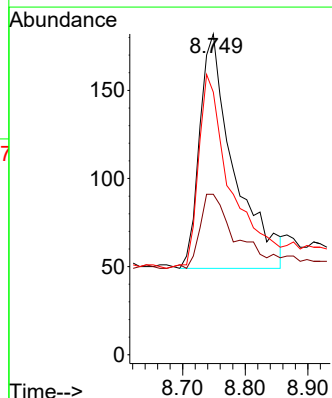
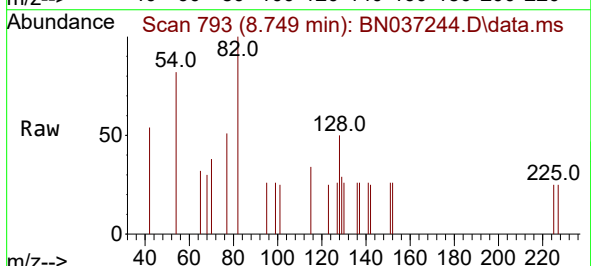
Tgt Ion: 82 Resp: 507

Ion Ratio Lower Upper

82 100

128 50.0 31.2 46.8#

54 81.9 63.3 94.9





#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 11.960 min Scan# 1141

Delta R.T. 0.005 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

Instrument :

BNA_N

ClientSampleId :

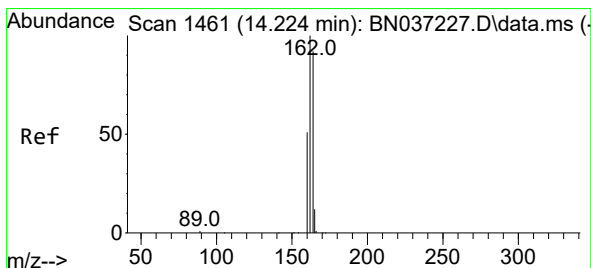
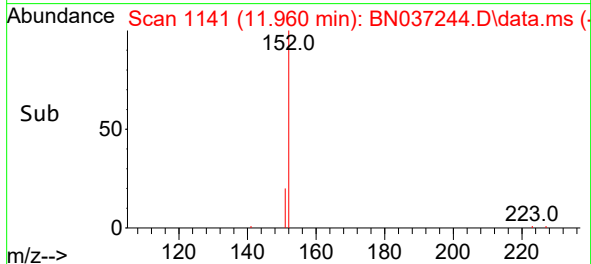
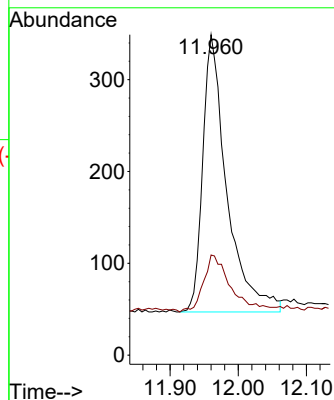
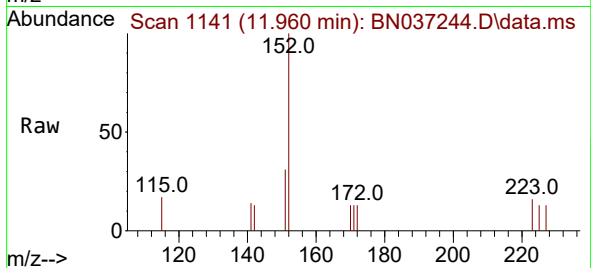
RE117D1-20250609

Tgt Ion:152 Resp: 741

Ion Ratio Lower Upper

152 100

151 23.5 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.223 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

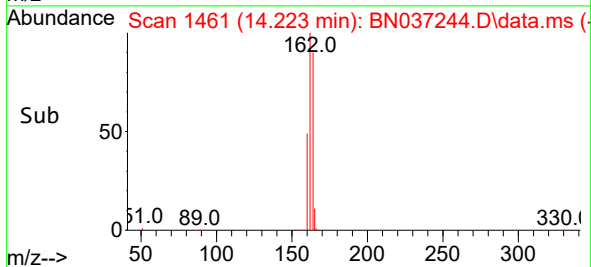
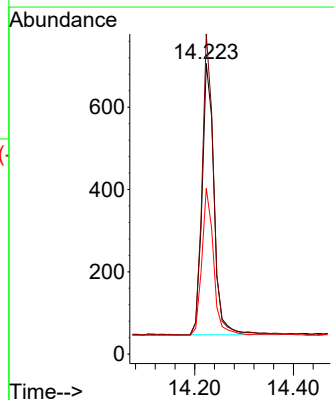
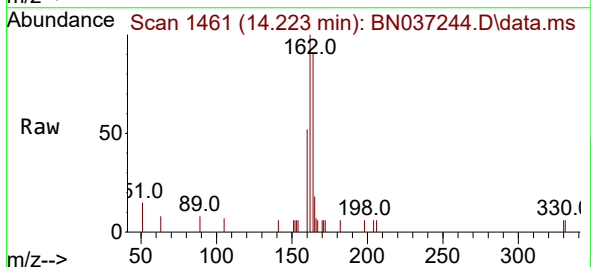
Tgt Ion:164 Resp: 1112

Ion Ratio Lower Upper

164 100

162 110.2 86.7 130.1

160 57.1 45.8 68.6

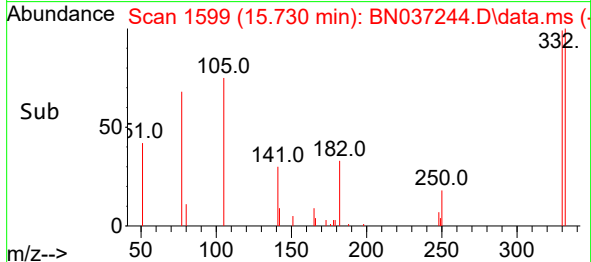
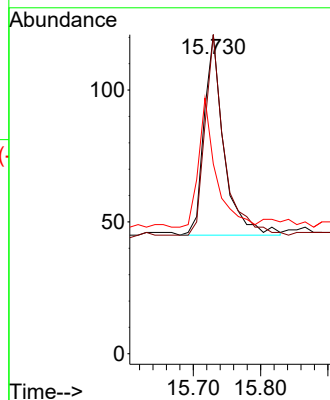
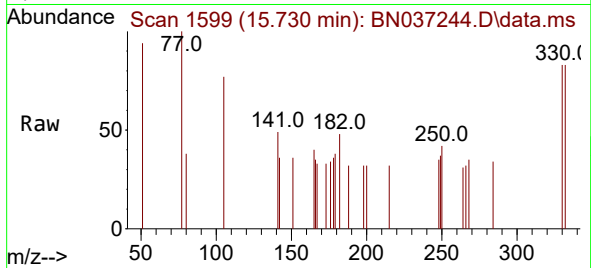




#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BN037244.D
Acq: 14 Jun 2025 02:20

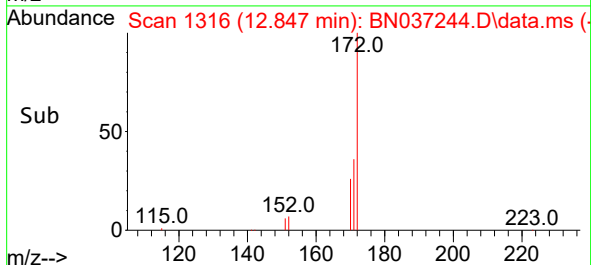
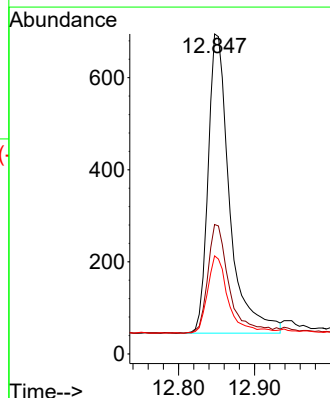
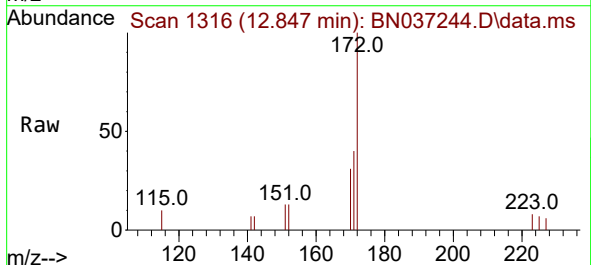
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250609

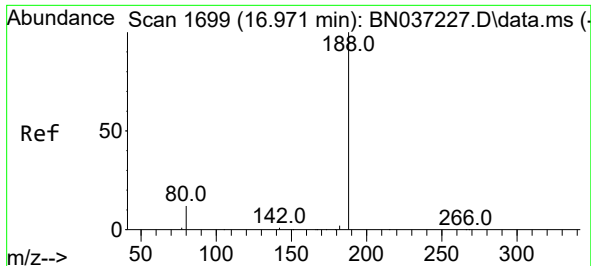
Tgt Ion: 330 Resp: 155
Ion Ratio Lower Upper
330 100
332 96.8 74.9 112.3
141 56.8 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.847 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN037244.D
Acq: 14 Jun 2025 02:20

Tgt Ion: 172 Resp: 1279
Ion Ratio Lower Upper
172 100
171 40.4 29.8 44.8
170 30.6 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.983 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

Instrument :

BNA_N

ClientSampleId :

RE117D1-20250609

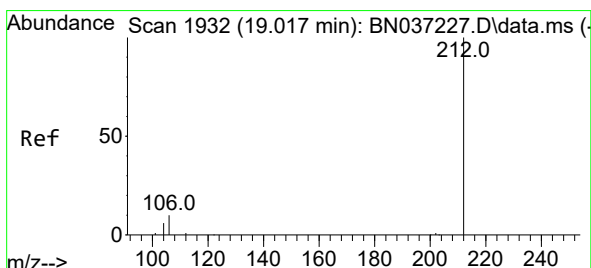
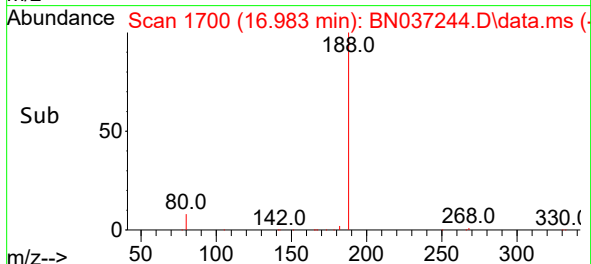
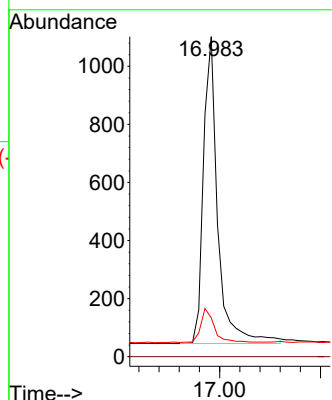
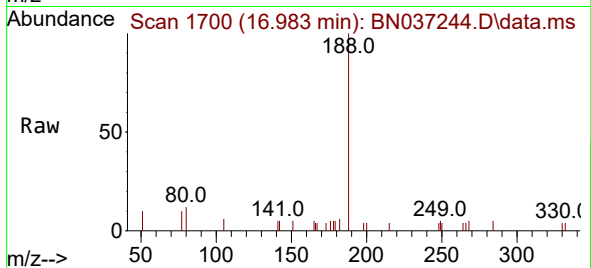
Tgt Ion:188 Resp: 2088

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 12.2 18.4#



#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.016 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

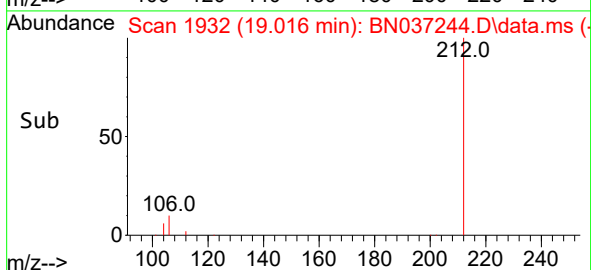
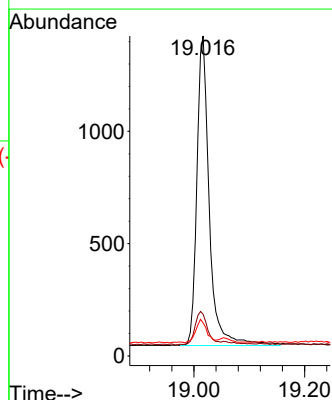
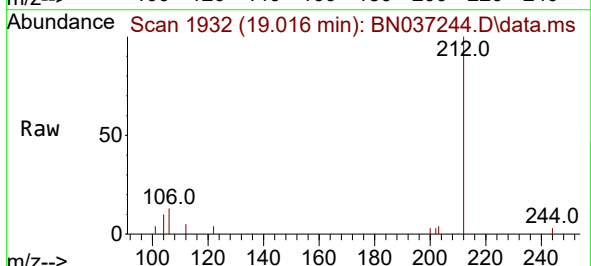
Tgt Ion:212 Resp: 2155

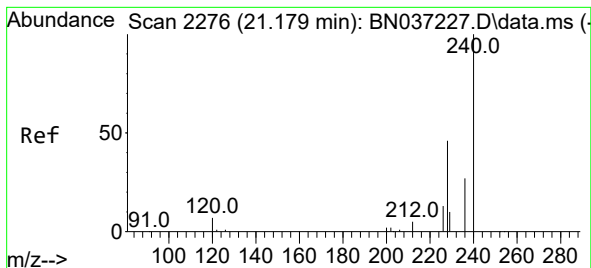
Ion Ratio Lower Upper

212 100

106 11.0 9.3 13.9

104 6.8 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.179 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

Instrument :

BNA_N

ClientSampleId :

RE117D1-20250609

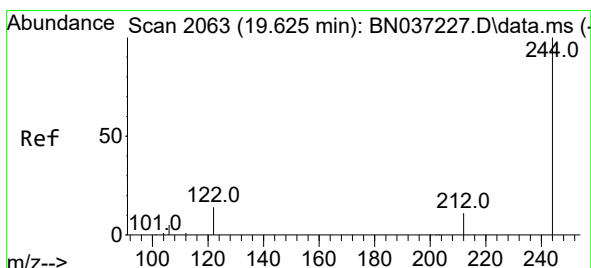
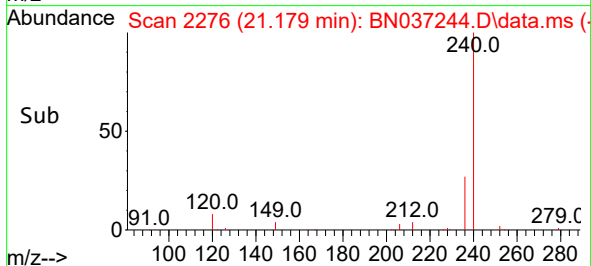
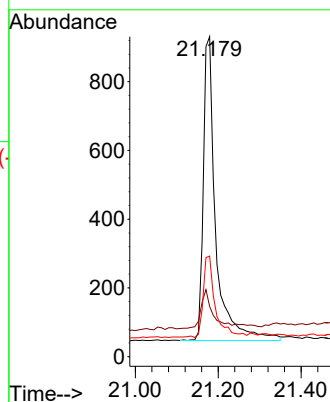
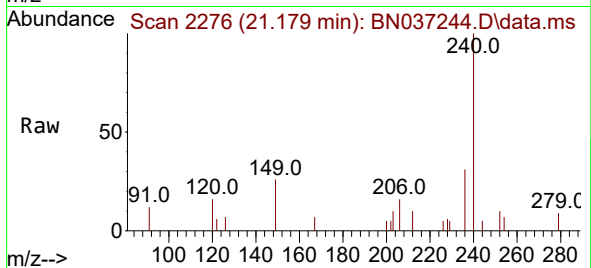
Tgt Ion:240 Resp: 1833

Ion Ratio Lower Upper

240 100

120 15.7 11.3 16.9

236 31.5 24.4 36.6



#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.620 min Scan# 2062

Delta R.T. -0.005 min

Lab File: BN037244.D

Acq: 14 Jun 2025 02:20

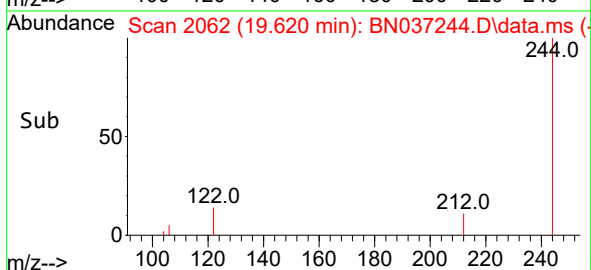
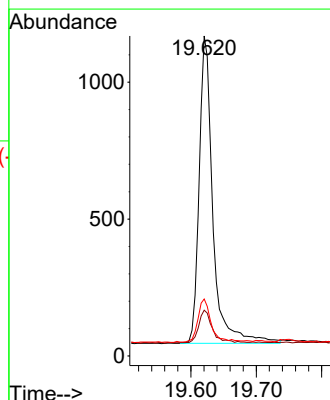
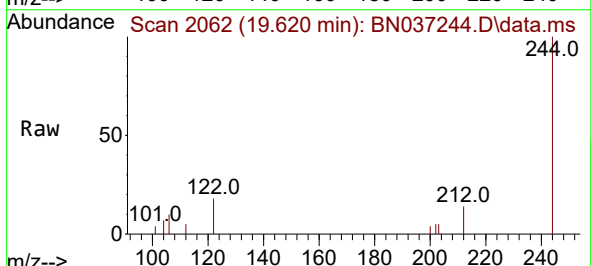
Tgt Ion:244 Resp: 1634

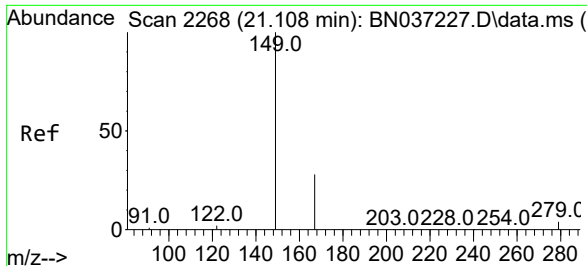
Ion Ratio Lower Upper

244 100

212 14.3 12.2 18.2

122 17.8 14.3 21.5

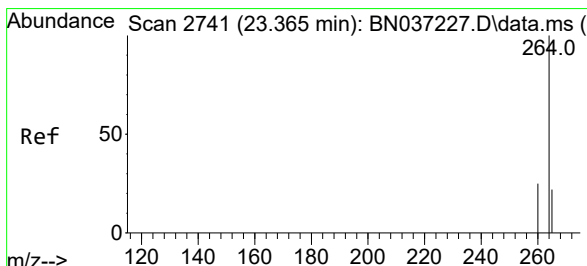
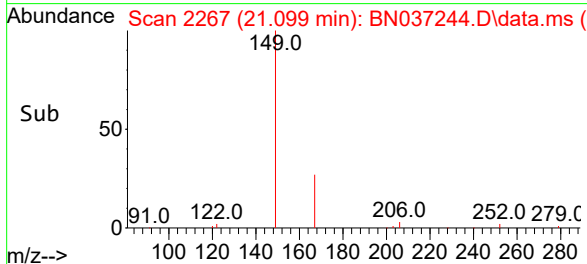
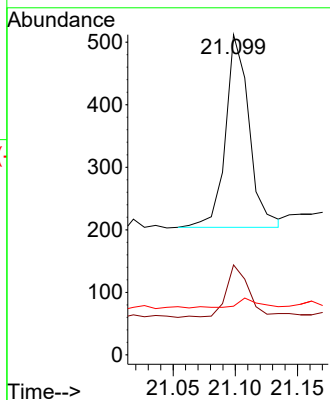
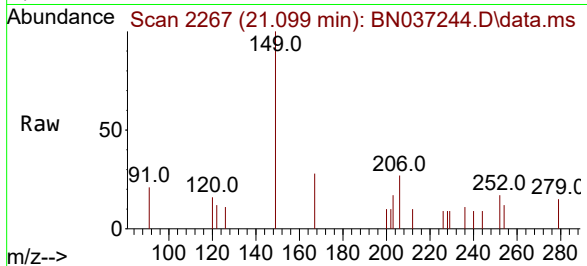




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037244.D
 Acq: 14 Jun 2025 02:20

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250609

Tgt Ion:149 Resp: 406
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 4.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.362 min Scan# 2740
 Delta R.T. -0.003 min
 Lab File: BN037244.D
 Acq: 14 Jun 2025 02:20

Tgt Ion:264 Resp: 1896
 Ion Ratio Lower Upper
 264 100
 260 29.2 22.8 34.2
 265 85.2 66.4 99.6

