

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037409.D
 Acq On : 27 Jun 2025 01:16
 Operator : RC/JU
 Sample : Q2374-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250619

Quant Time: Jun 27 03:01:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

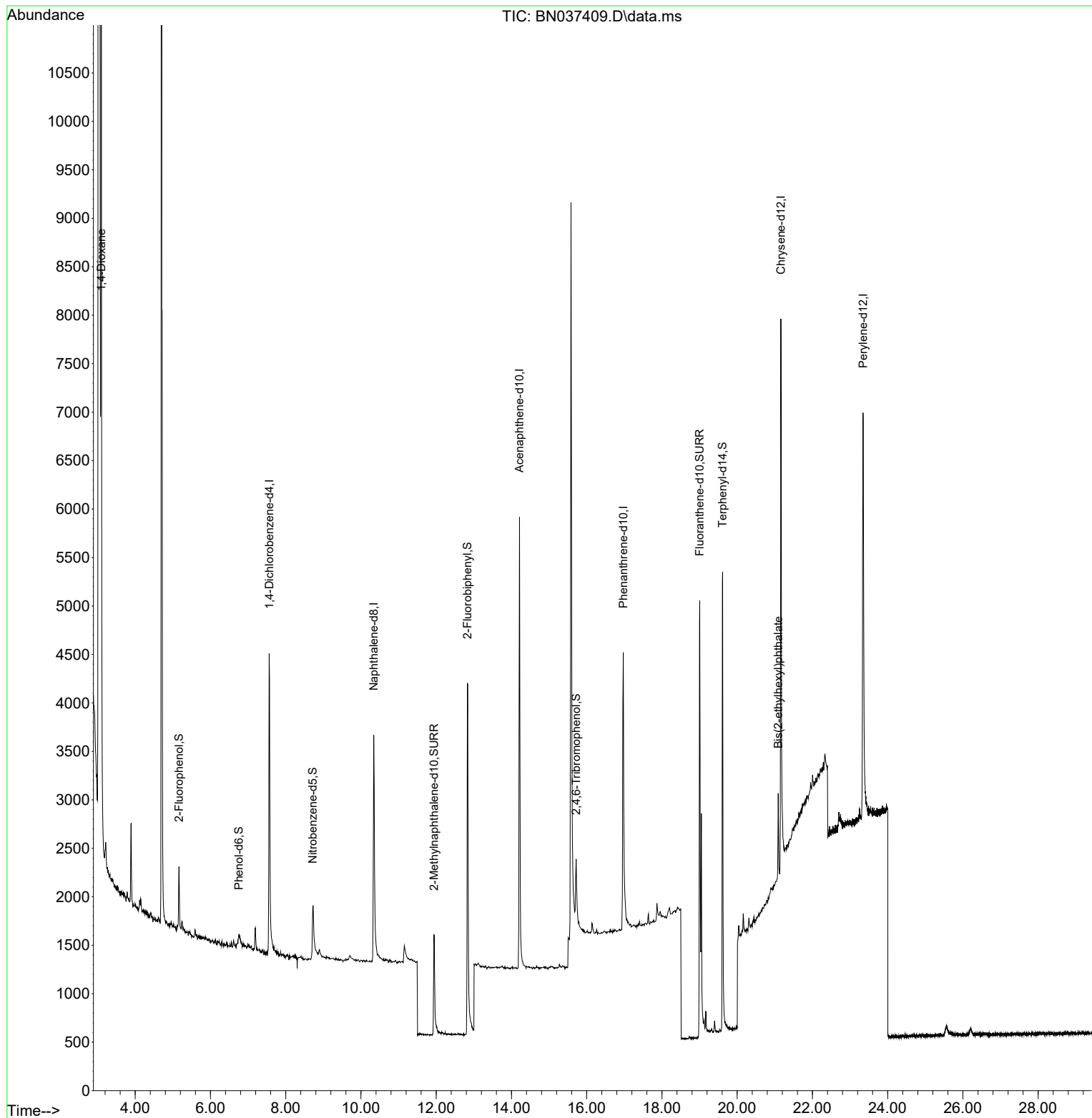
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1999	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4215	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2915	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	6052	0.400	ng	# 0.01
29) Chrysene-d12	21.162	240	6263	0.400	ng	0.00
35) Perylene-d12	23.345	264	6677	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	547	0.142	ng	0.00
5) Phenol-d6	6.752	99	237	0.059	ng	0.00
8) Nitrobenzene-d5	8.717	82	1007	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	2004	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	591	0.346	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	4416	0.351	ng	0.00
27) Fluoranthene-d10	19.003	212	6920	0.399	ng	0.00
31) Terphenyl-d14	19.611	244	5866	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	6064	3.199	ng	Qvalue 97
34) Bis(2-ethylhexyl)phtha...	21.090	149	741	0.095	ng	# 97

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

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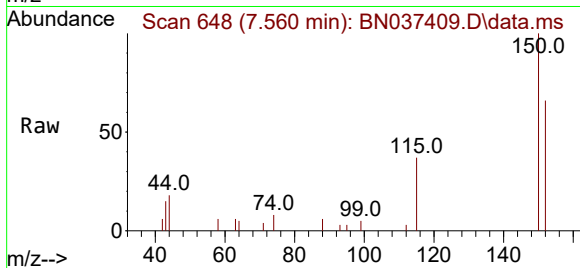
Quant Time: Jun 27 03:01:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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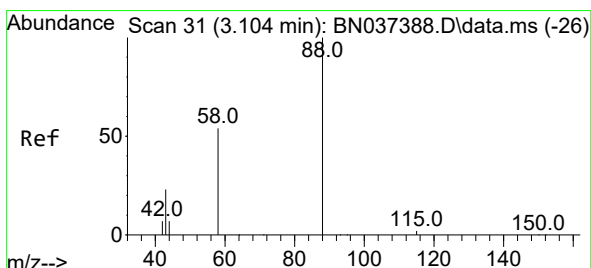
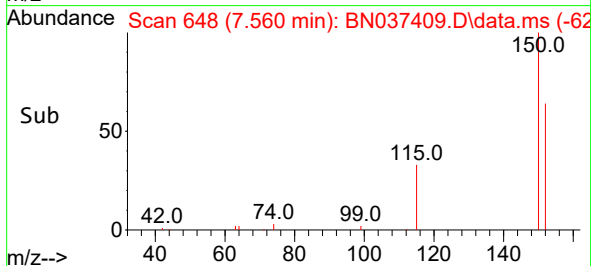
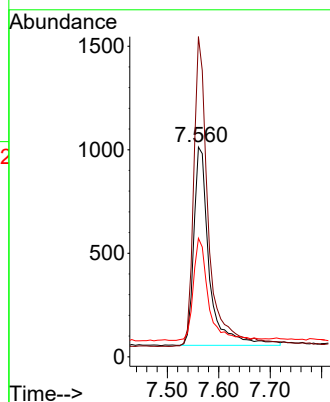


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN037409.D
 Acq: 27 Jun 2025 01:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250619

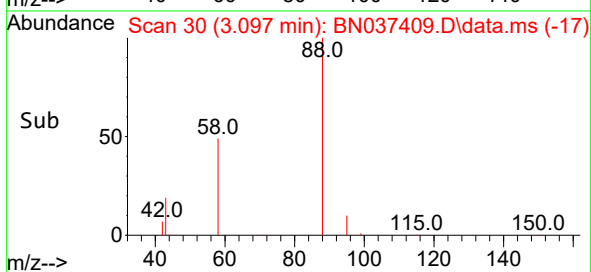
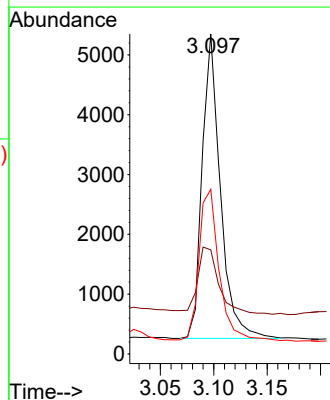
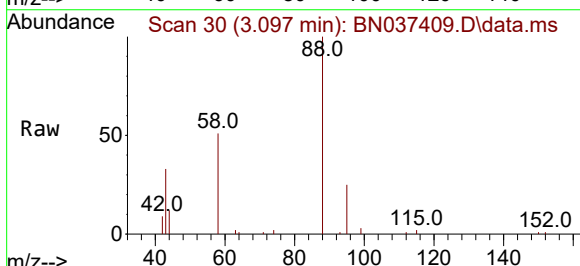


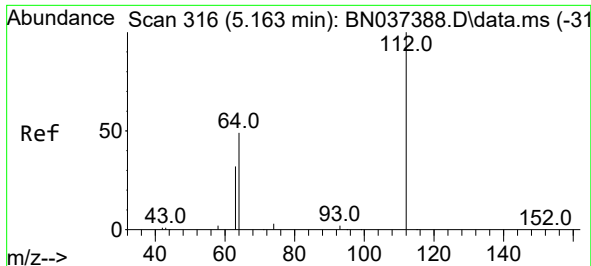
Tgt Ion:152 Resp: 1999
 Ion Ratio Lower Upper
 152 100
 150 152.6 116.2 174.2
 115 56.5 42.9 64.3



#2
 1,4-Dioxane
 Concen: 3.199 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037409.D
 Acq: 27 Jun 2025 01:16

Tgt Ion: 88 Resp: 6064
 Ion Ratio Lower Upper
 88 100
 43 26.4 21.6 32.4
 58 54.3 45.9 68.9

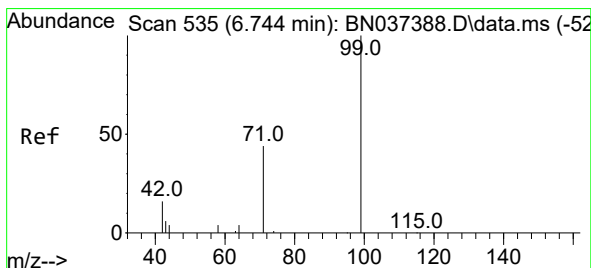
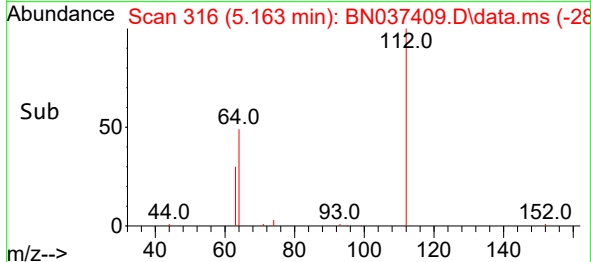
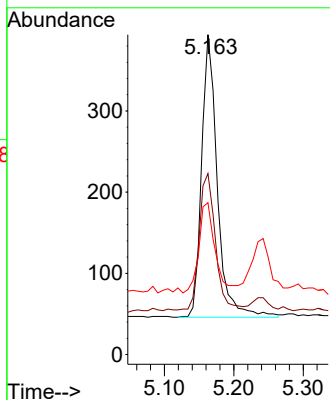
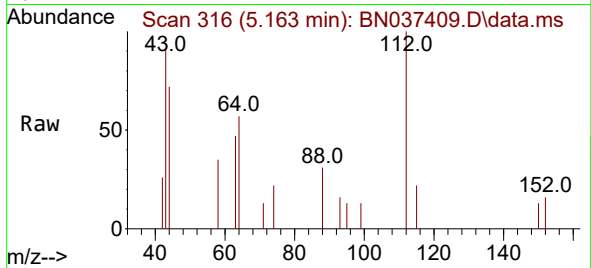




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.163 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

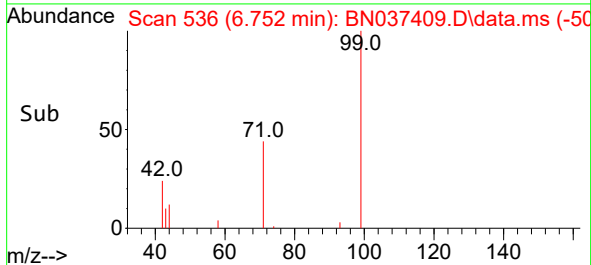
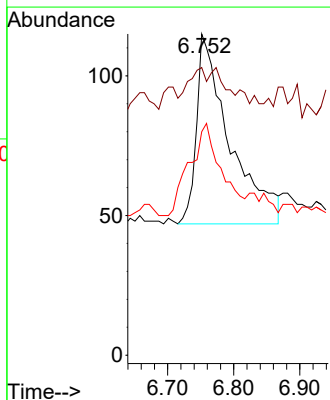
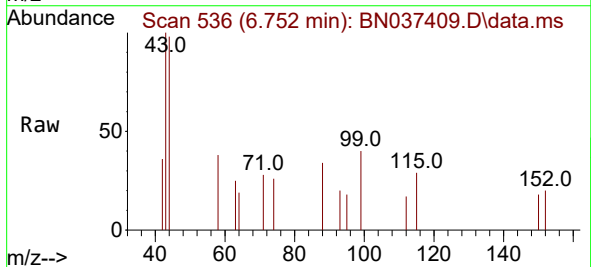
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250619

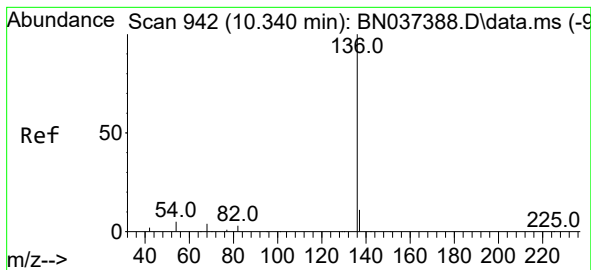
Tgt Ion:112 Resp: 547
Ion Ratio Lower Upper
112 100
64 51.2 40.3 60.5
63 32.5 26.1 39.1



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

Tgt Ion: 99 Resp: 237
Ion Ratio Lower Upper
99 100
42 7.6 15.6 23.4#
71 46.4 35.8 53.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.340 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250619

Tgt Ion:136 Resp: 4215

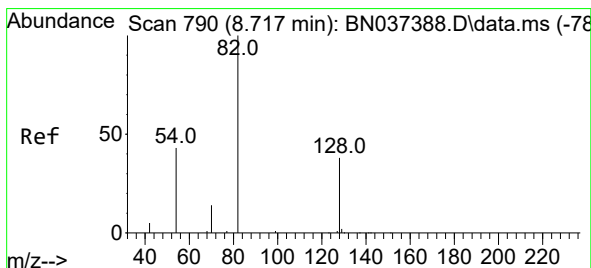
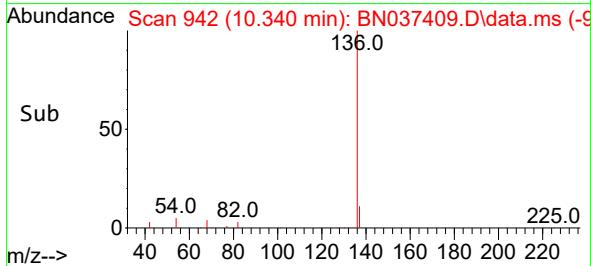
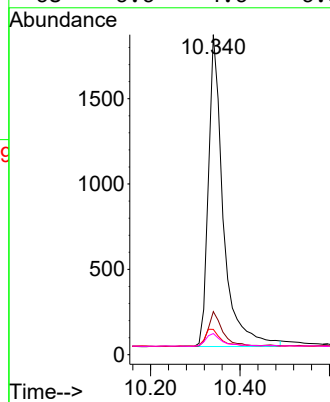
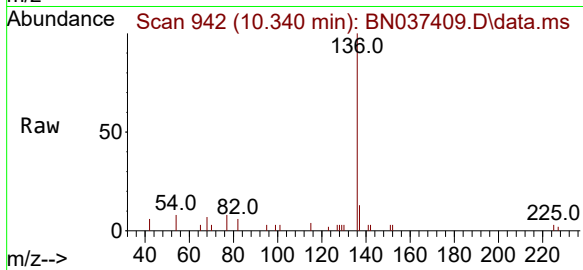
Ion Ratio Lower Upper

136 100

137 13.4 10.4 15.6

54 7.9 5.6 8.4

68 6.6 4.6 6.8



#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 8.717 min Scan# 790

Delta R.T. -0.000 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

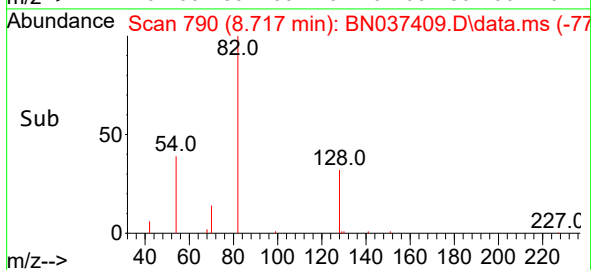
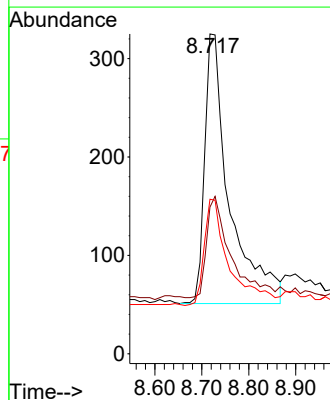
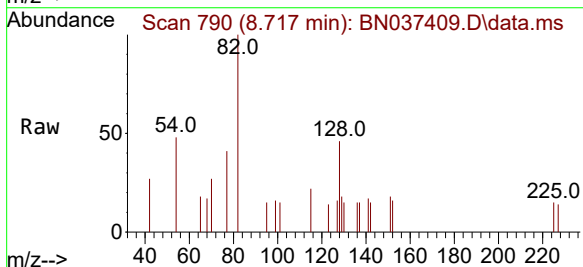
Tgt Ion: 82 Resp: 1007

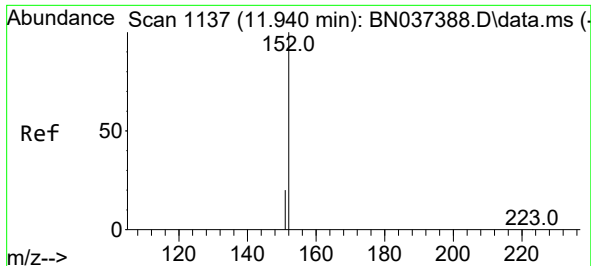
Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

54 48.3 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 11.940 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

Instrument :

BNA_N

ClientSampleId :

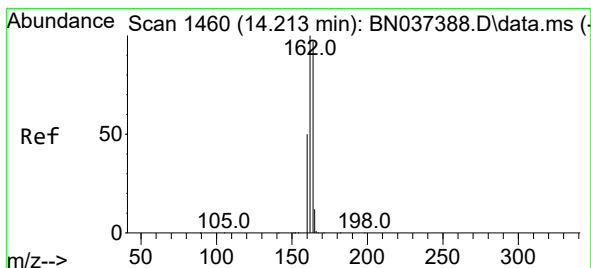
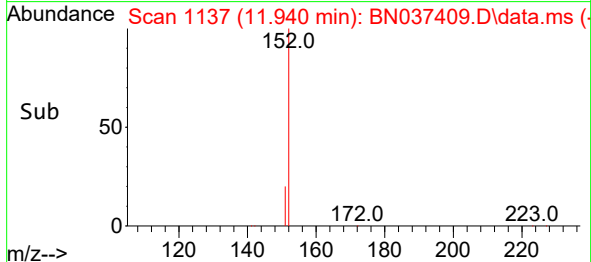
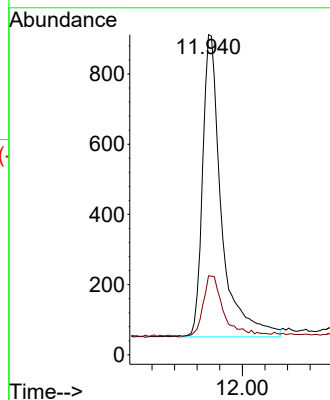
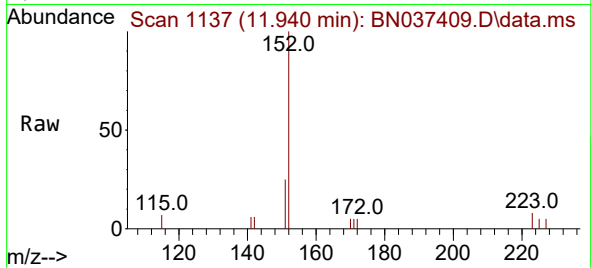
RW7-SP100-20250619

Tgt Ion:152 Resp: 2004

Ion Ratio Lower Upper

152 100

151 20.7 18.4 27.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

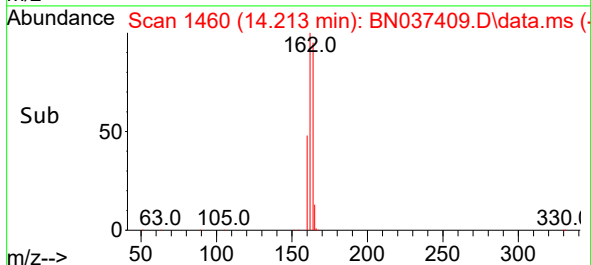
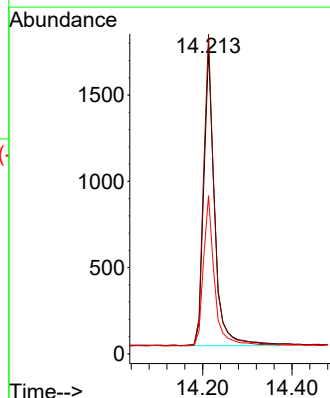
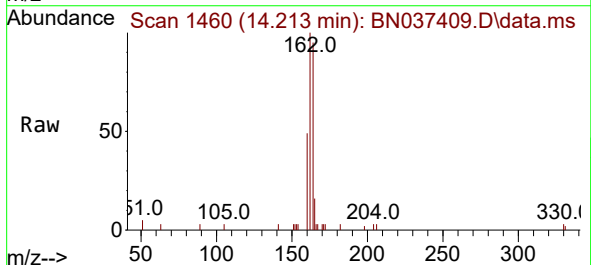
Tgt Ion:164 Resp: 2915

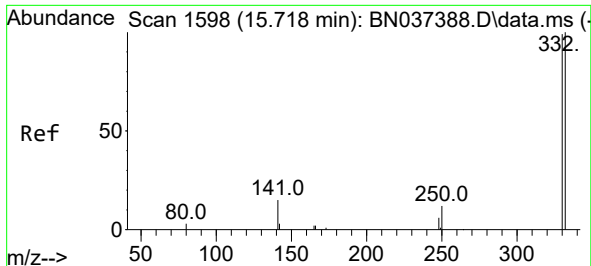
Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

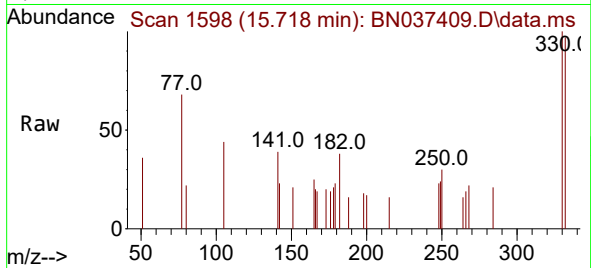
160 52.0 42.2 63.2



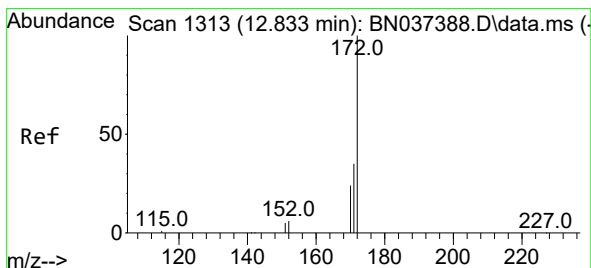
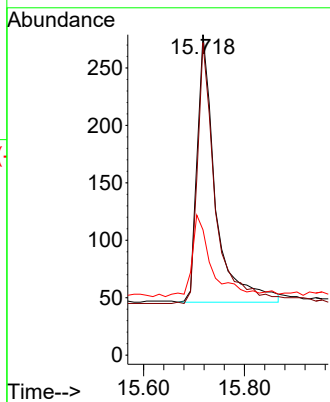
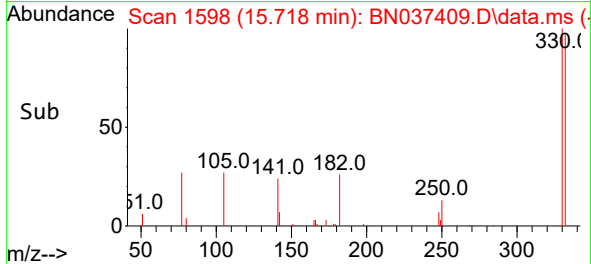


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

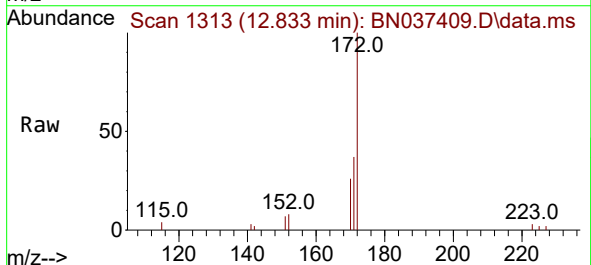
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250619



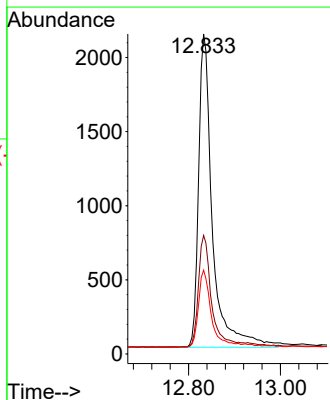
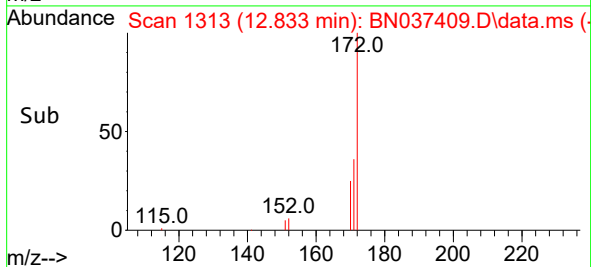
Tgt Ion: 330 Resp: 591
Ion Ratio Lower Upper
330 100
332 94.1 77.8 116.8
141 32.3 24.0 36.0

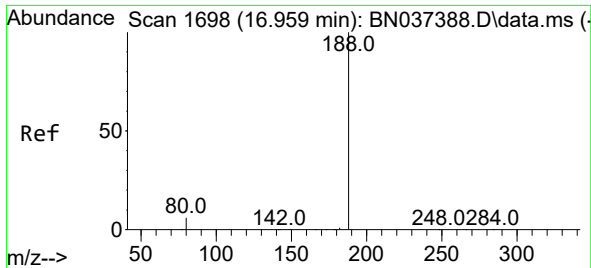


#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.833 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16



Tgt Ion: 172 Resp: 4416
Ion Ratio Lower Upper
172 100
171 37.1 28.8 43.2
170 26.2 20.3 30.5

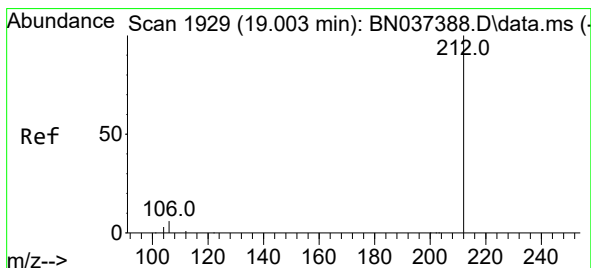
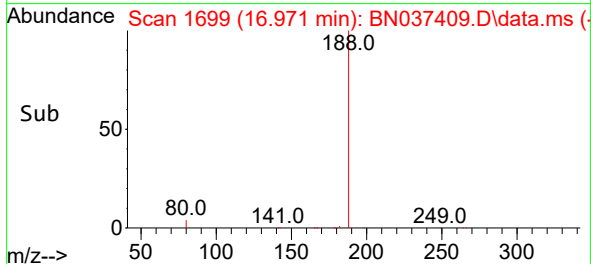
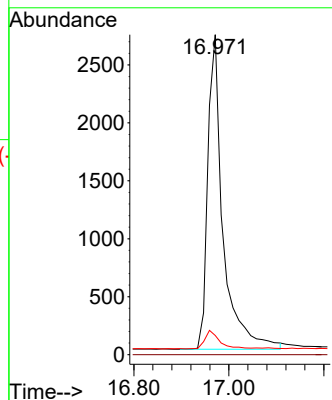
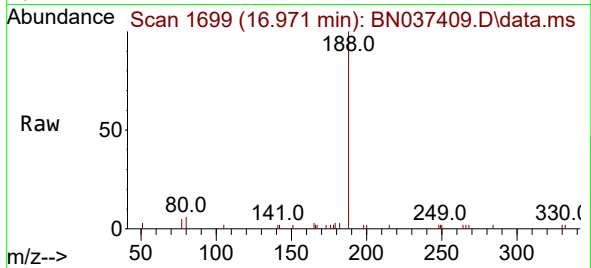




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

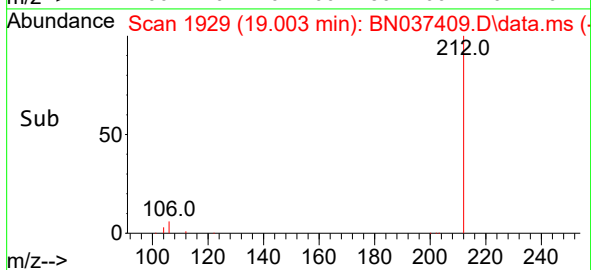
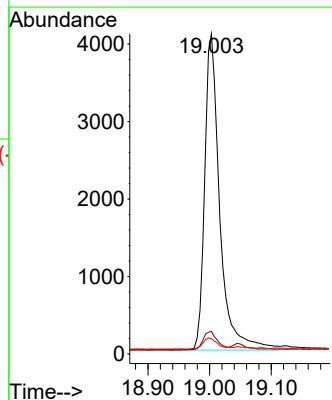
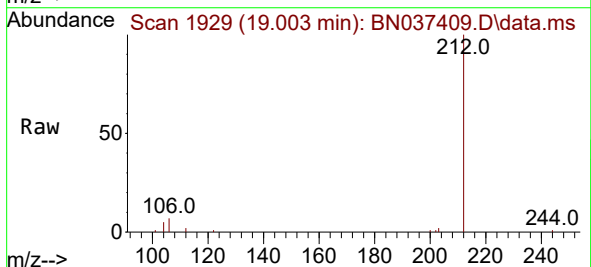
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250619

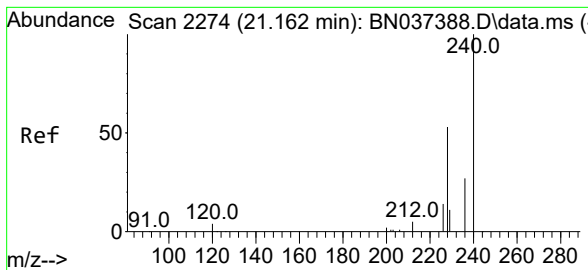
Tgt Ion:188 Resp: 6052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 6.2 9.4#



#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.003 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

Tgt Ion:212 Resp: 6920
Ion Ratio Lower Upper
212 100
106 5.6 4.5 6.7
104 3.3 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250619

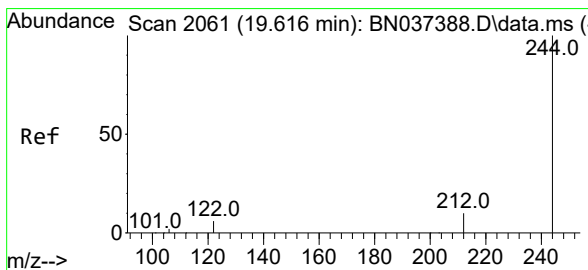
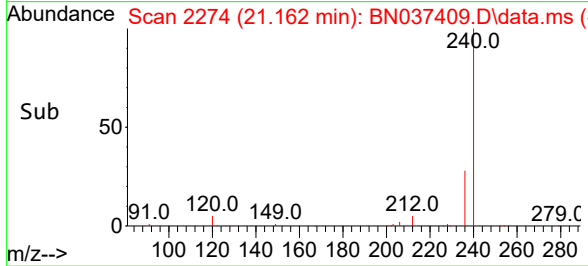
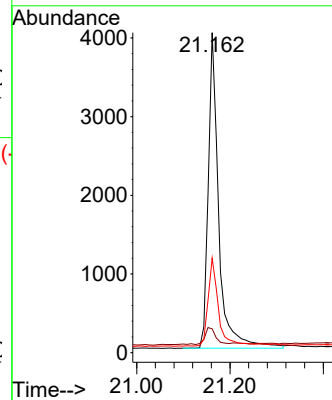
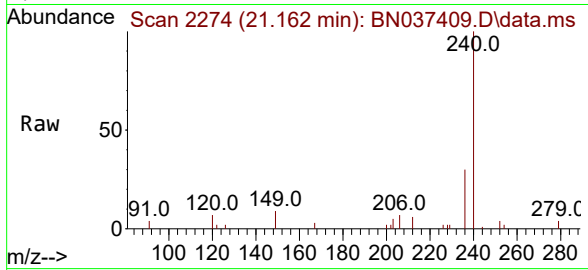
Tgt Ion:240 Resp: 6263

Ion Ratio Lower Upper

240 100

120 7.5 5.3 7.9

236 29.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.439 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037409.D

Acq: 27 Jun 2025 01:16

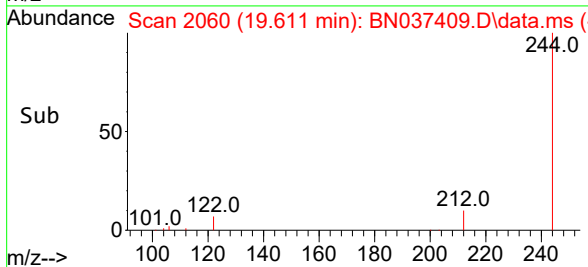
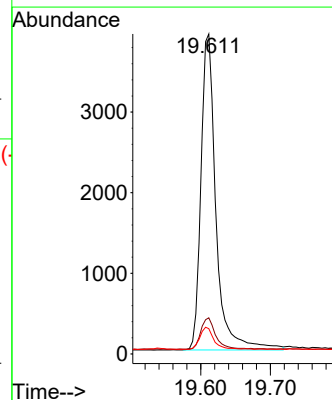
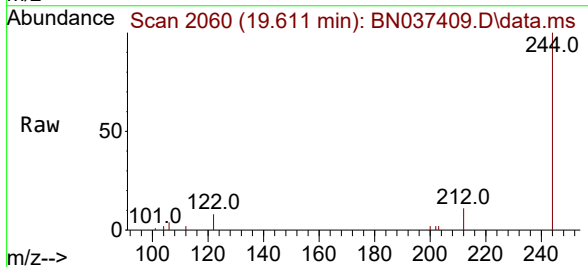
Tgt Ion:244 Resp: 5866

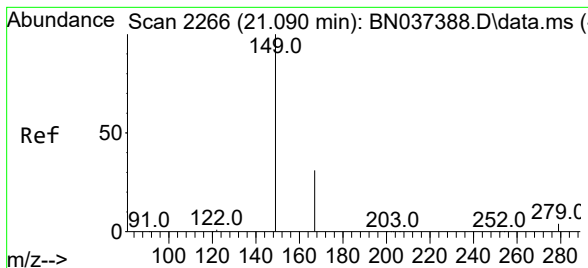
Ion Ratio Lower Upper

244 100

212 11.3 9.1 13.7

122 7.9 6.3 9.5

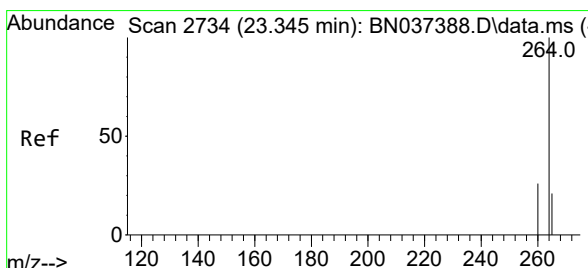
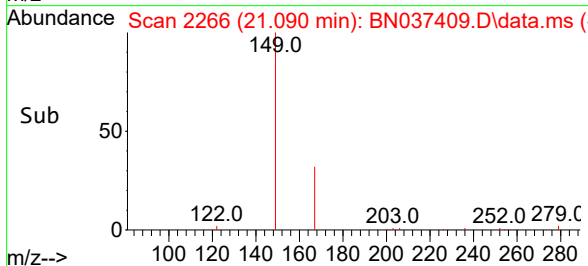
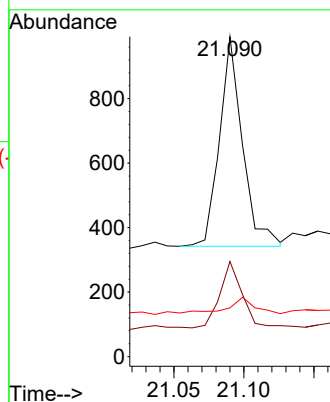
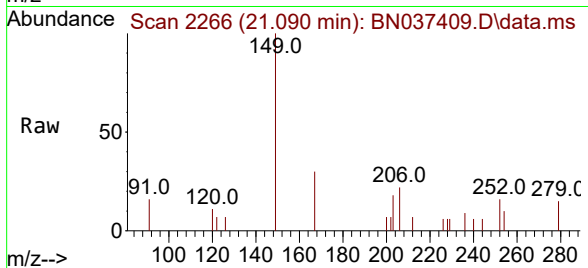




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250619

Tgt Ion:149 Resp: 741
Ion Ratio Lower Upper
149 100
167 31.3 24.8 37.2
279 10.8 5.0 7.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.345 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BN037409.D
Acq: 27 Jun 2025 01:16

Tgt Ion:264 Resp: 6677
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.0
265 76.5 56.2 84.4

