

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037177.D
 Acq On : 05 Jun 2025 12:44
 Operator : RC/JU
 Sample : Q2200-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-060325

Quant Time: Jun 05 14:08:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

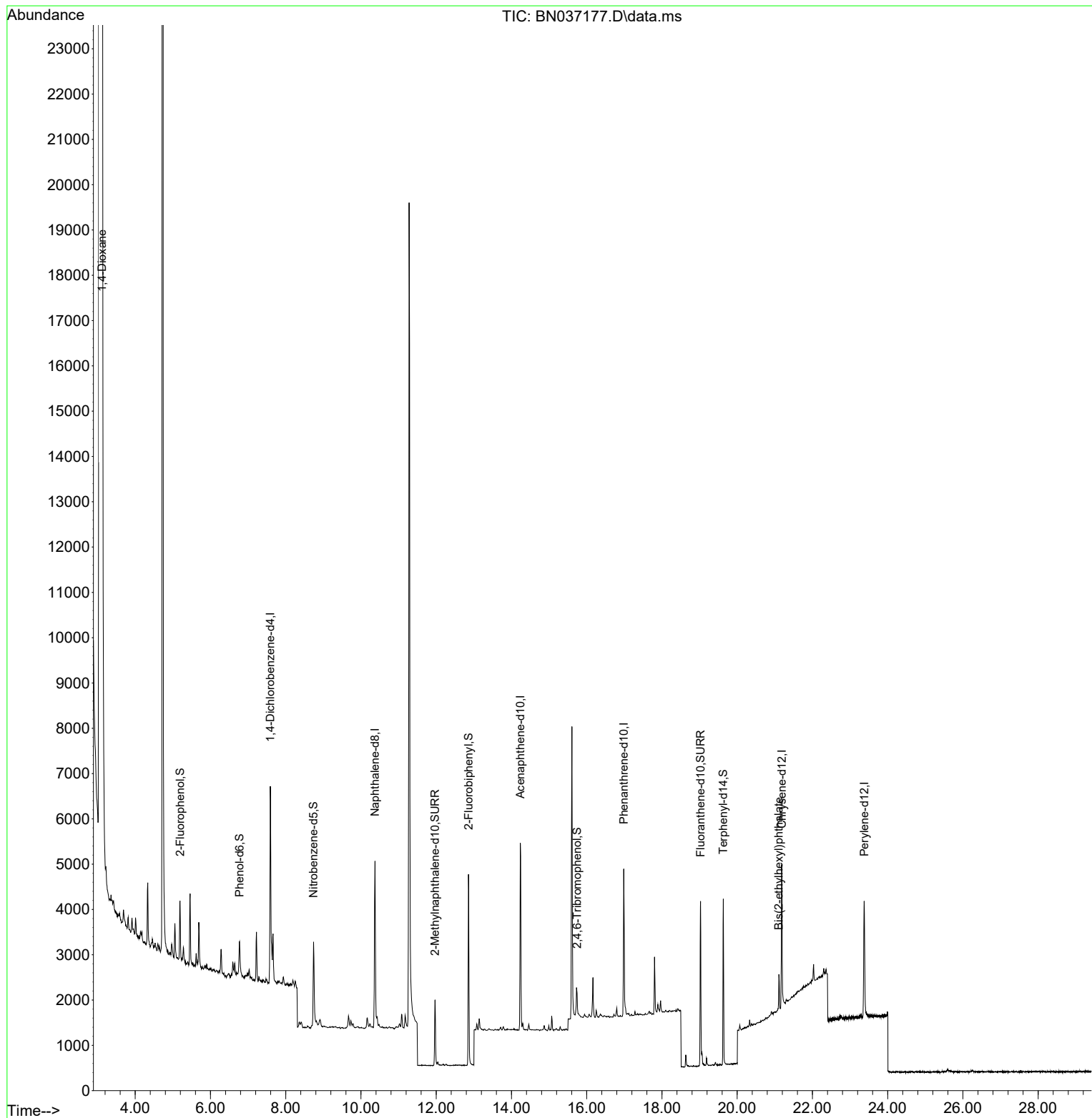
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2048	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4893	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2464	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4393	0.400	ng	0.00
29) Chrysene-d12	21.188	240	3309	0.400	ng	0.00
35) Perylene-d12	23.374	264	3372	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	898	0.177	ng	0.00
5) Phenol-d6	6.773	99	666	0.108	ng	0.00
8) Nitrobenzene-d5	8.738	82	1702	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2102	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	363	0.366	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3785	0.360	ng	0.00
27) Fluoranthene-d10	19.026	212	4262	0.382	ng	0.00
31) Terphenyl-d14	19.630	244	3420	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	55921	20.484	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	778	0.103	ng	# 94

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

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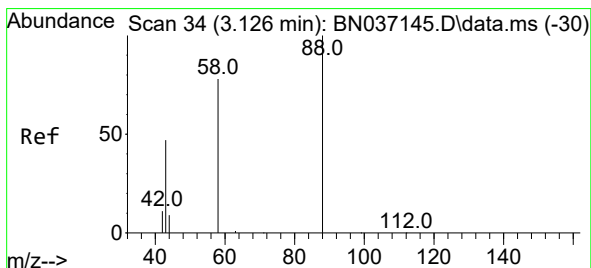
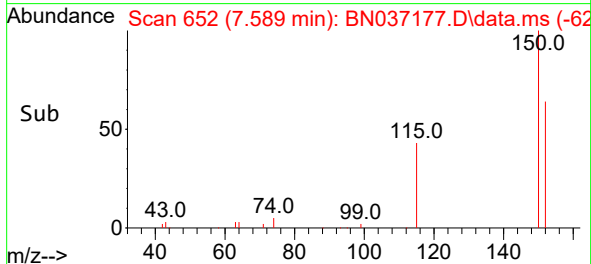
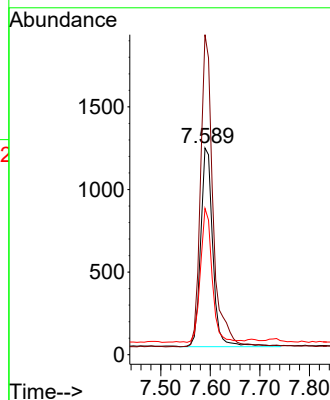
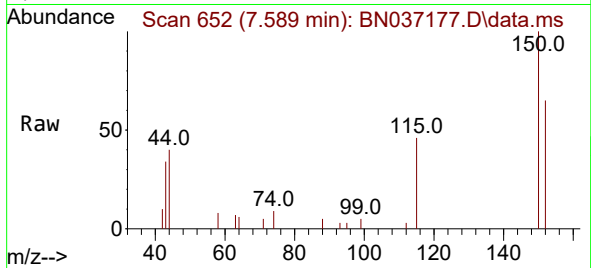




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037177.D
 Acq: 05 Jun 2025 12:44

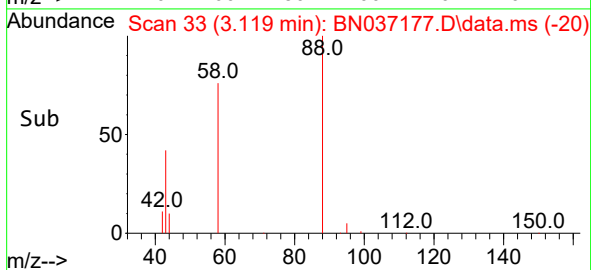
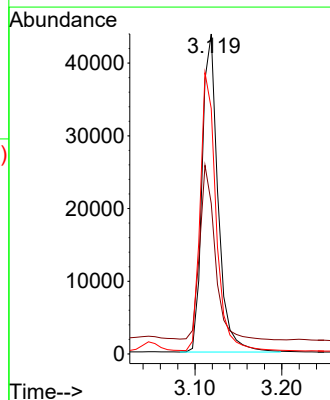
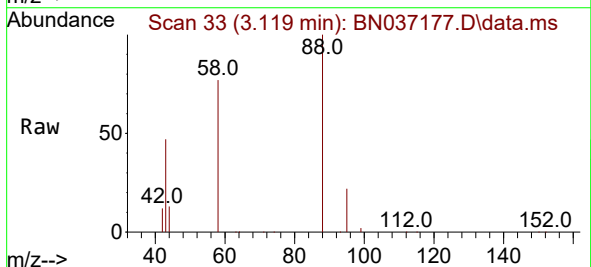
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-060325

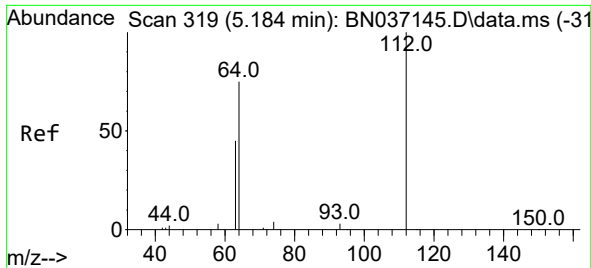
Tgt Ion:152 Resp: 2048
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.2 184.8
 115 70.7 56.6 85.0



#2
 1,4-Dioxane
 Concen: 20.484 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN037177.D
 Acq: 05 Jun 2025 12:44

Tgt Ion: 88 Resp: 55921
 Ion Ratio Lower Upper
 88 100
 43 53.0 43.5 65.3
 58 86.6 67.7 101.5

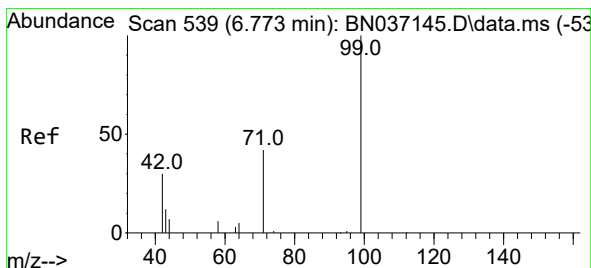
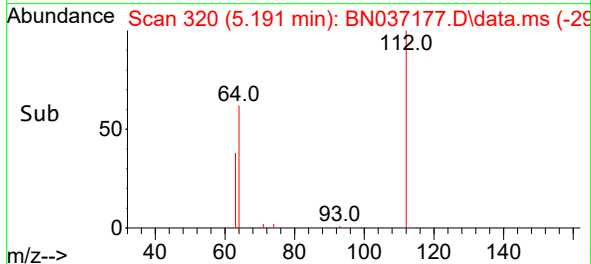
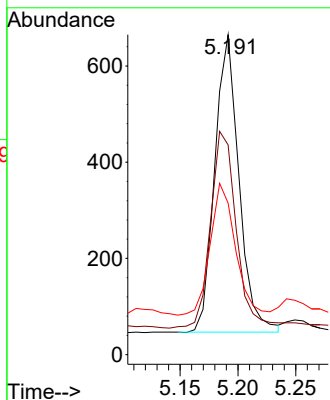
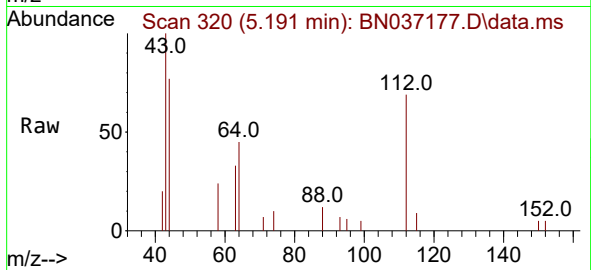




#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.191 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

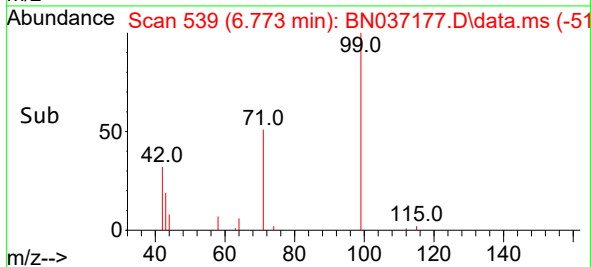
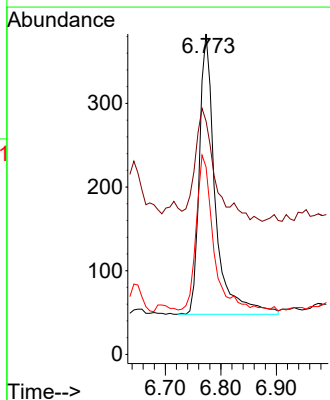
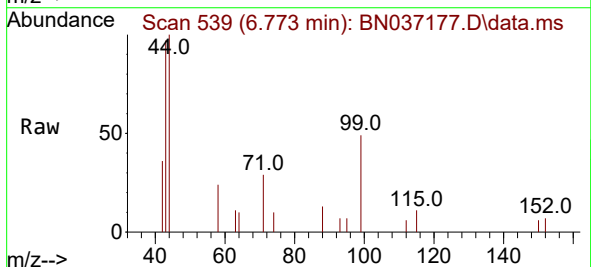
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

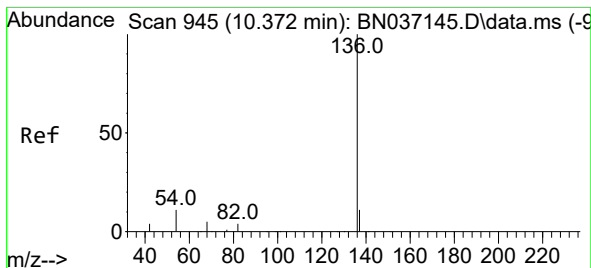
Tgt Ion:112 Resp: 898
Ion Ratio Lower Upper
112 100
64 72.7 56.3 84.5
63 46.4 36.2 54.4



#5
Phenol-d6
Concen: 0.108 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 99 Resp: 666
Ion Ratio Lower Upper
99 100
42 50.5 31.3 46.9#
71 59.8 38.2 57.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.372 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN037177.D

Acq: 05 Jun 2025 12:44

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-060325

Tgt Ion:136 Resp: 4893

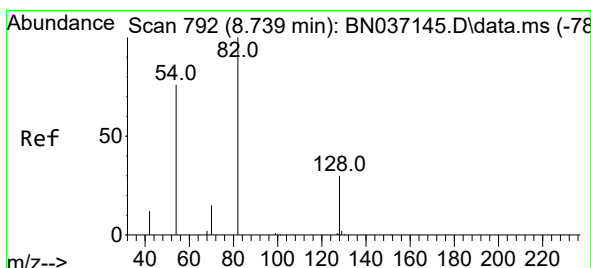
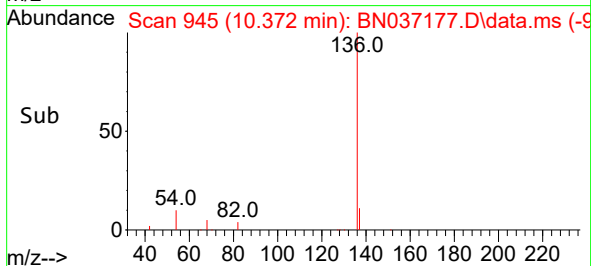
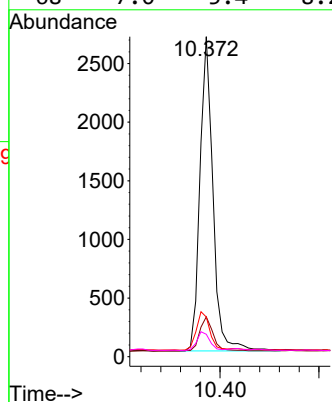
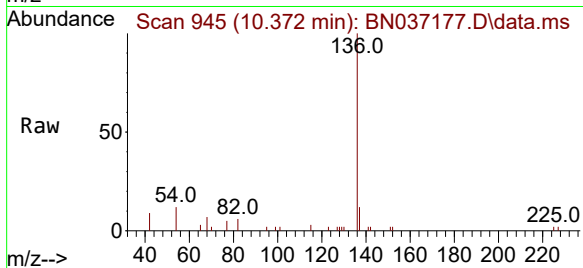
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 12.4 9.7 14.5

68 7.0 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.738 min Scan# 792

Delta R.T. -0.000 min

Lab File: BN037177.D

Acq: 05 Jun 2025 12:44

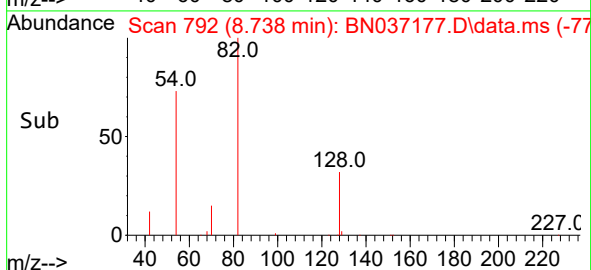
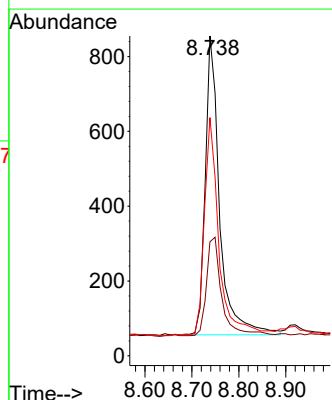
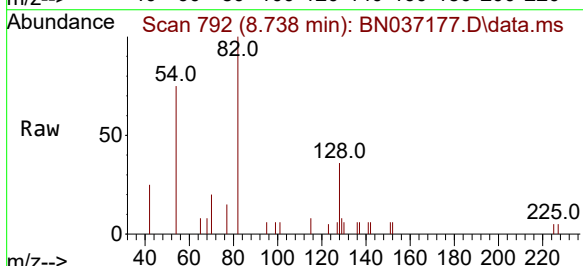
Tgt Ion: 82 Resp: 1702

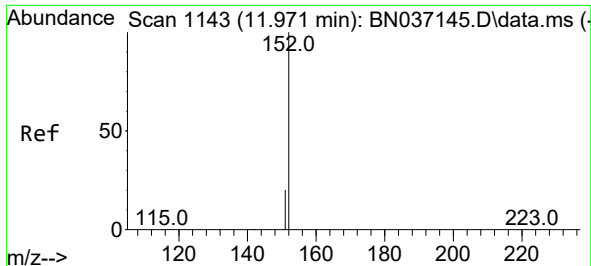
Ion Ratio Lower Upper

82 100

128 35.7 26.9 40.3

54 74.5 61.4 92.2

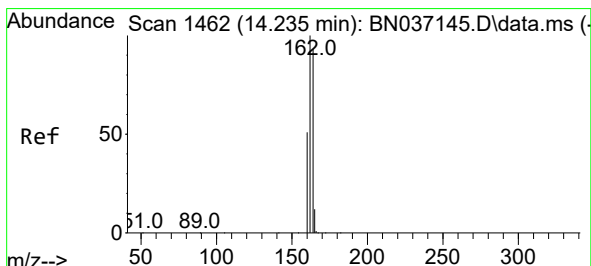
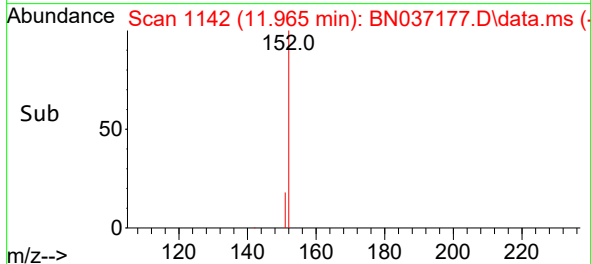
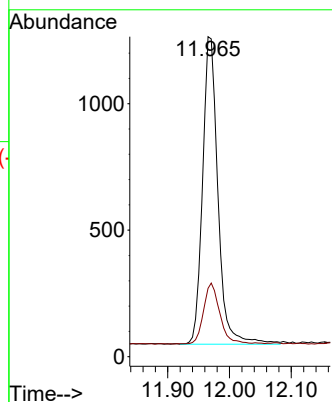
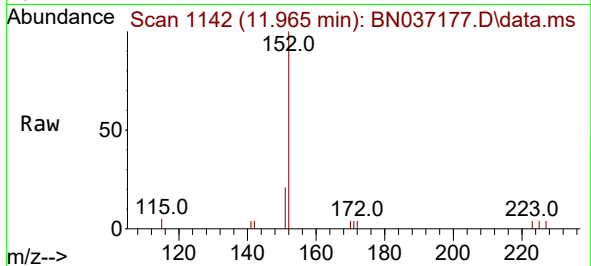




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

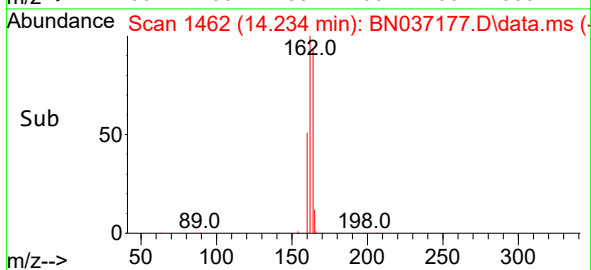
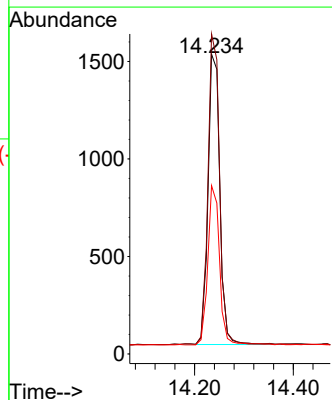
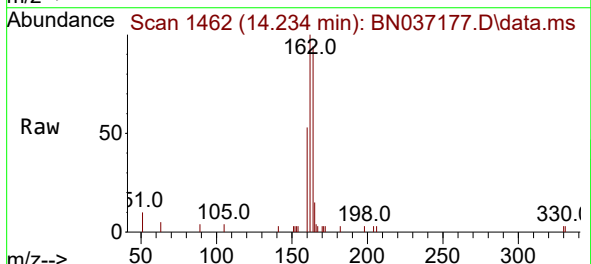
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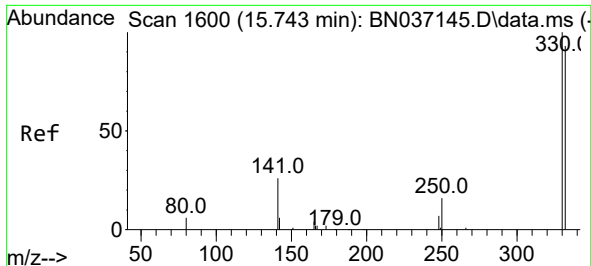
Tgt Ion:152 Resp: 2102
Ion Ratio Lower Upper
152 100
151 21.0 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:164 Resp: 2464
Ion Ratio Lower Upper
164 100
162 106.8 85.5 128.3
160 56.1 44.6 67.0

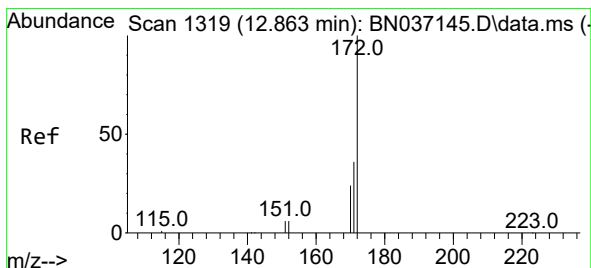
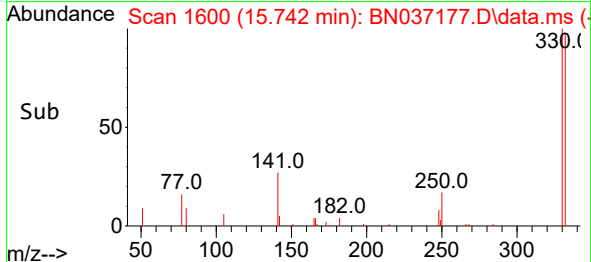
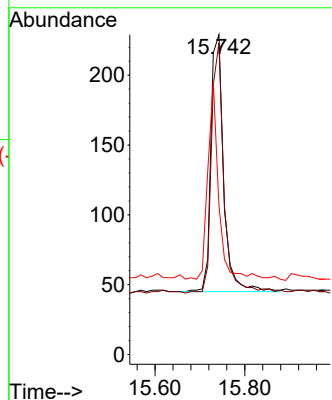
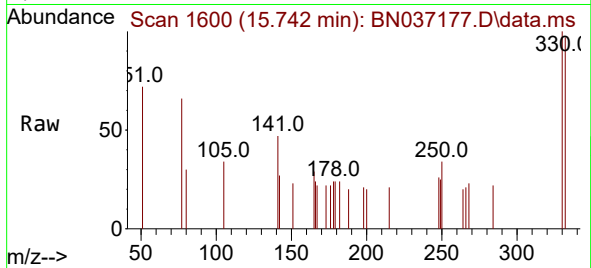




#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

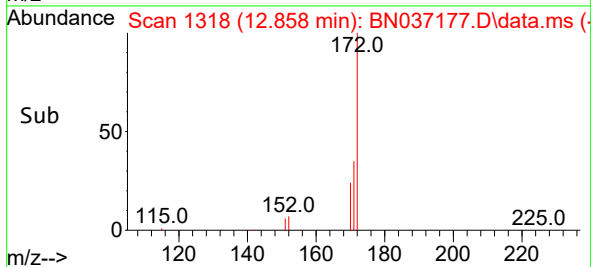
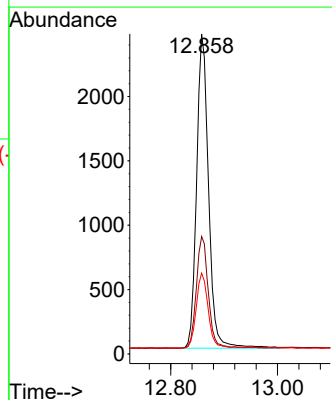
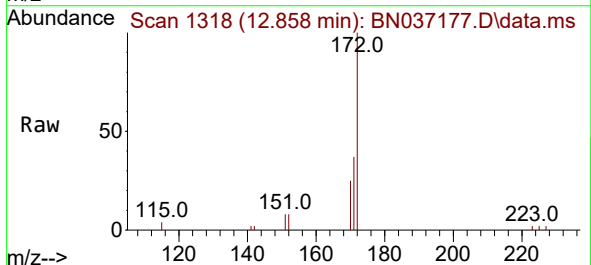
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

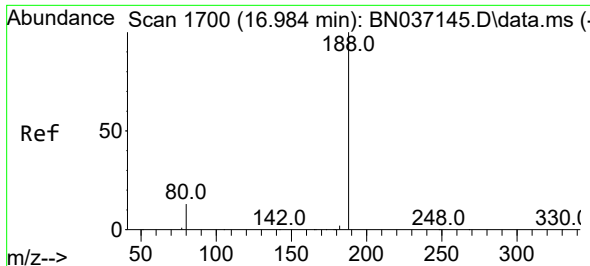
Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 68.6 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:172 Resp: 3785
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.2 20.3 30.5

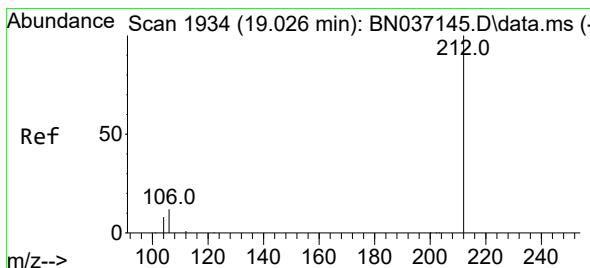
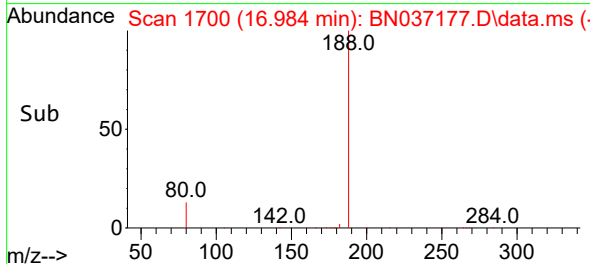
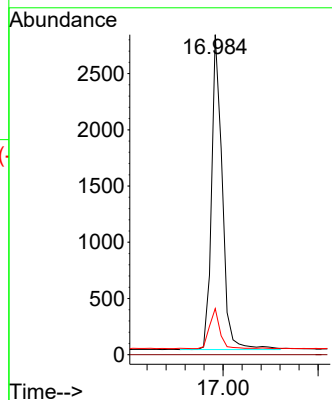
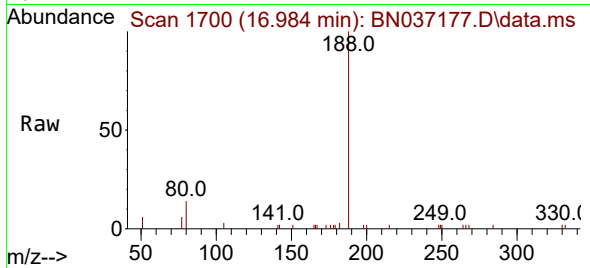




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

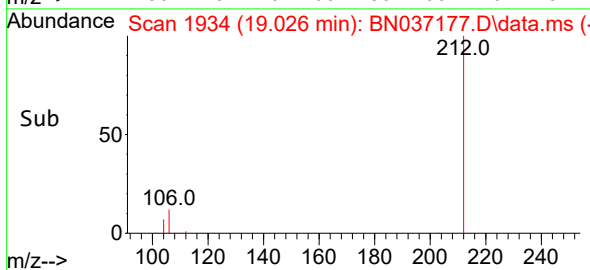
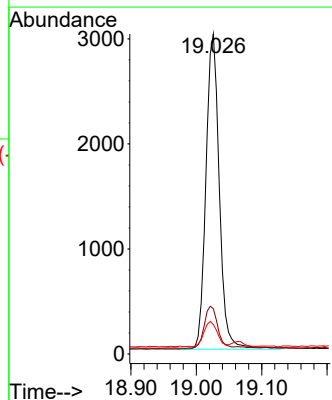
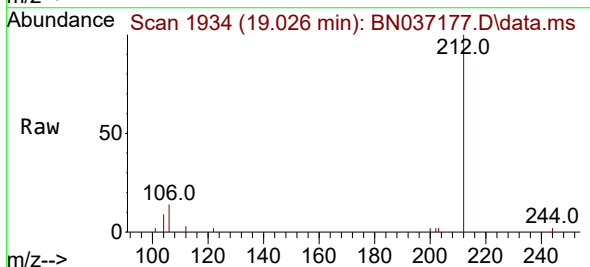
Instrument :
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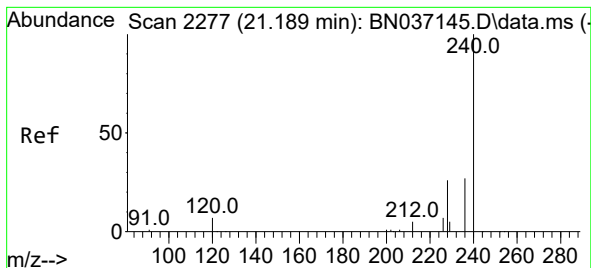
Tgt Ion:188 Resp: 4393
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.3 16.9



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:212 Resp: 4262
Ion Ratio Lower Upper
212 100
106 13.4 10.6 15.8
104 7.9 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.188 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037177.D

Acq: 05 Jun 2025 12:44

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-060325

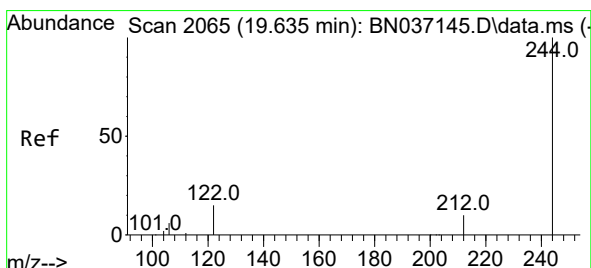
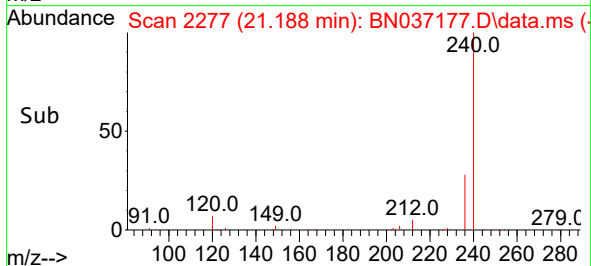
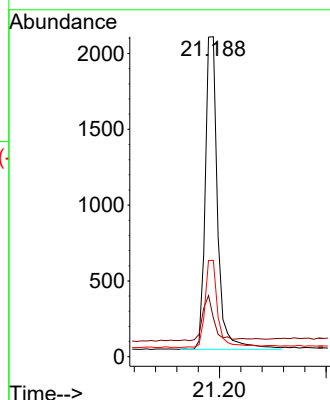
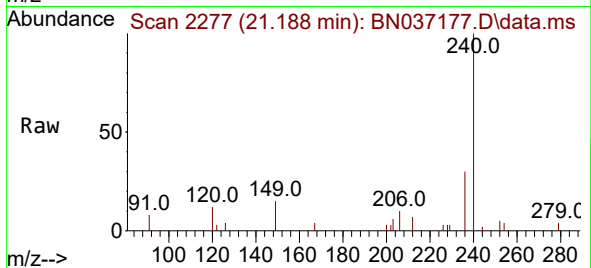
Tgt Ion:240 Resp: 3309

Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 30.1 23.0 34.4



#31

Terphenyl-d14

Concen: 0.439 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037177.D

Acq: 05 Jun 2025 12:44

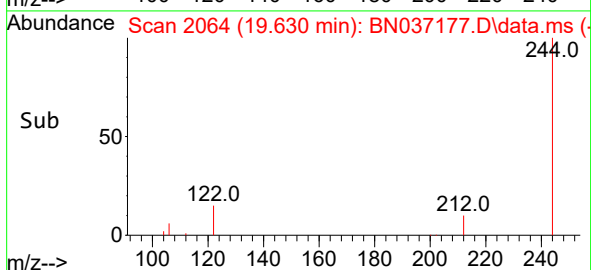
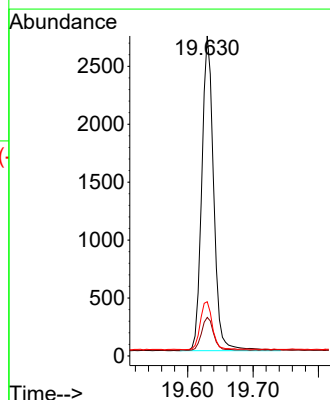
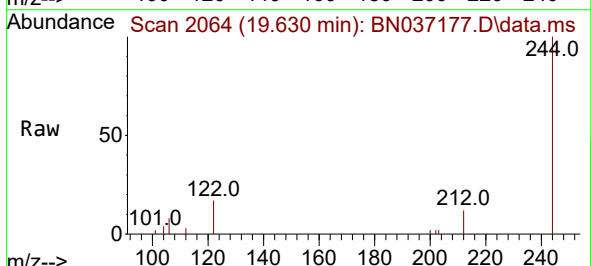
Tgt Ion:244 Resp: 3420

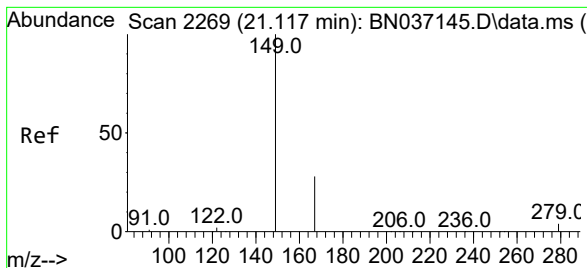
Ion Ratio Lower Upper

244 100

212 12.1 10.0 15.0

122 16.9 13.2 19.8

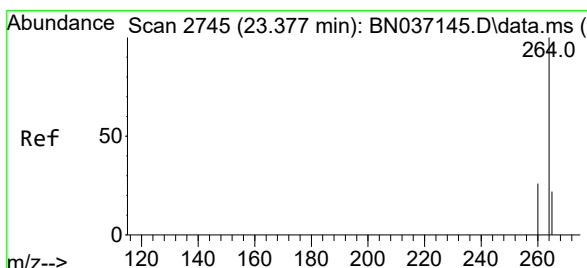
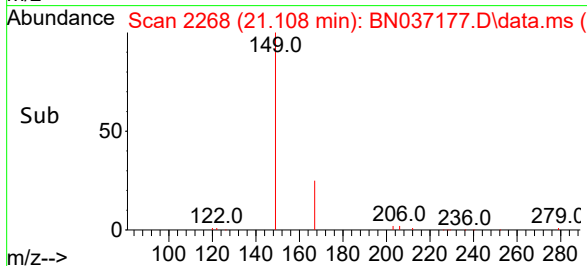
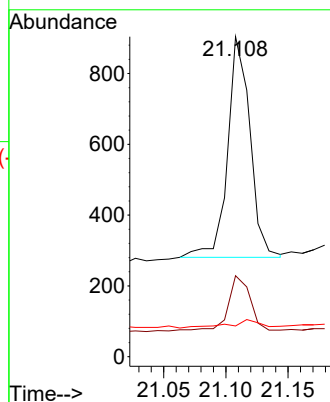
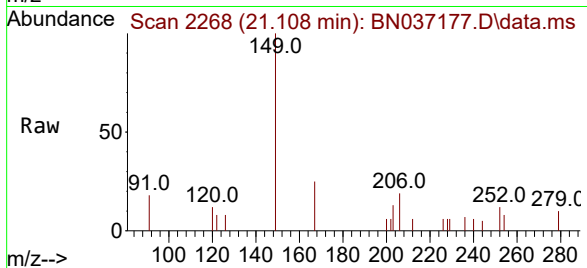




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.108 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037177.D
 Acq: 05 Jun 2025 12:44

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-060325

Tgt Ion:149 Resp: 778
 Ion Ratio Lower Upper
 149 100
 167 23.0 21.0 31.4
 279 5.5 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.374 min Scan# 2744
 Delta R.T. -0.003 min
 Lab File: BN037177.D
 Acq: 05 Jun 2025 12:44

Tgt Ion:264 Resp: 3372
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.1 33.1
 265 68.7 55.8 83.8

