

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037180.D
 Acq On : 05 Jun 2025 14:32
 Operator : RC/JU
 Sample : Q2200-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-060325

Quant Time: Jun 05 15:24:23 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)

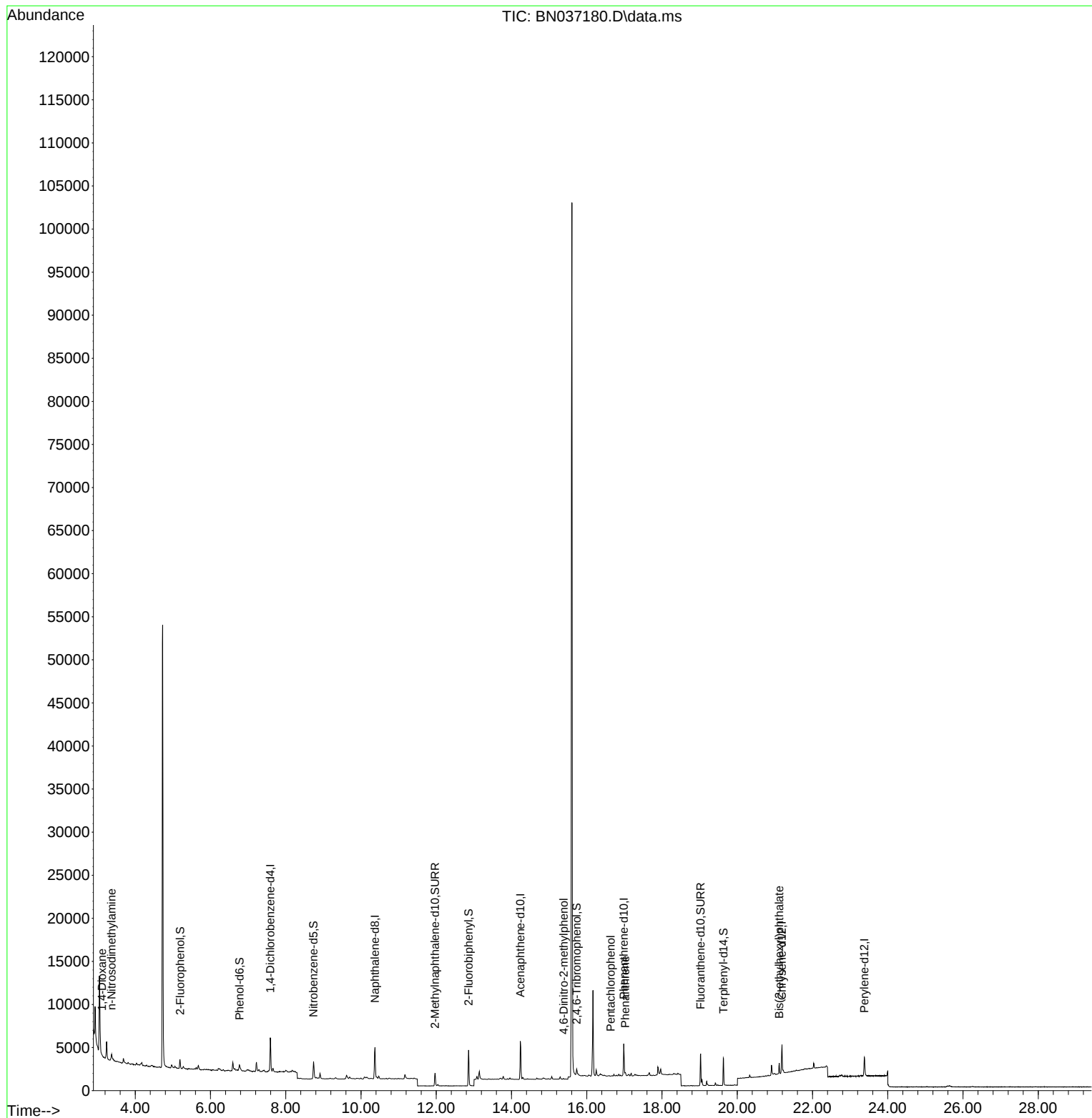
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1856	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4772	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2549	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4645	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3039	0.400	ng	0.00
35) Perylene-d12	23.377	264	2764	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	733	0.160	ng	0.00
5) Phenol-d6	6.773	99	566	0.102	ng	0.00
8) Nitrobenzene-d5	8.739	82	1652	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2122	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	377	0.367	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3699	0.340	ng	0.00
27) Fluoranthene-d10	19.026	212	4158	0.352	ng	0.00
31) Terphenyl-d14	19.630	244	3085	0.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	51	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.372	42	232	0.047	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.389	198	5	0.278	ng	# 1
24) Pentachlorophenol	16.636	266	17	0.224	ng	# 77
25) Phenanthrene	17.021	178	442	0.029	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.117	149	1241	0.179	ng	# 98

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

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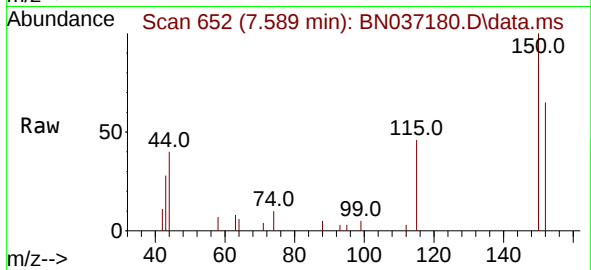
Quant Time: Jun 05 15:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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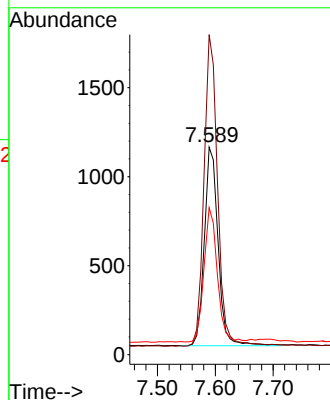
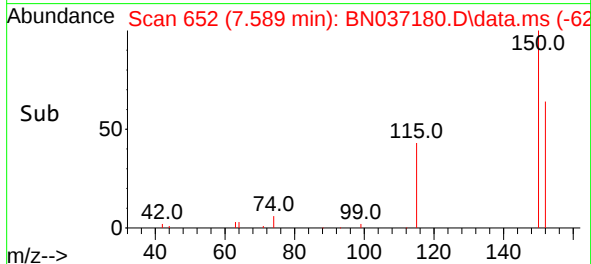


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32

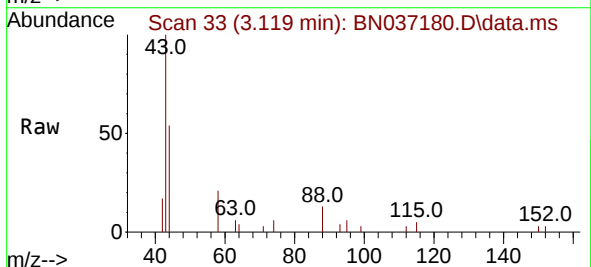
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-060325



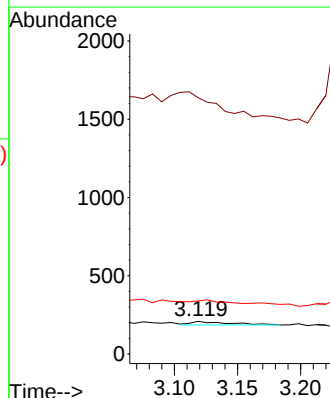
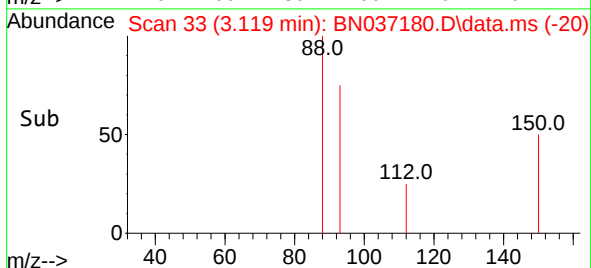
Tgt Ion:152 Resp: 1856
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.2 184.8
 115 70.8 56.6 85.0

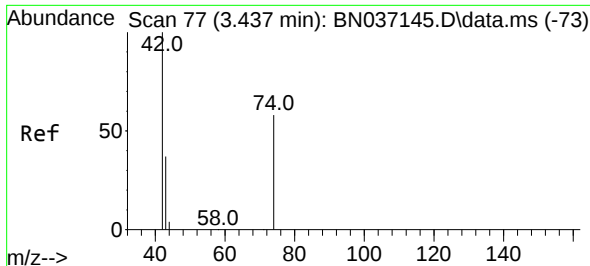


#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32



Tgt Ion: 88 Resp: 51
 Ion Ratio Lower Upper
 88 100
 43 968.6 43.5 65.3#
 58 56.9 67.7 101.5#

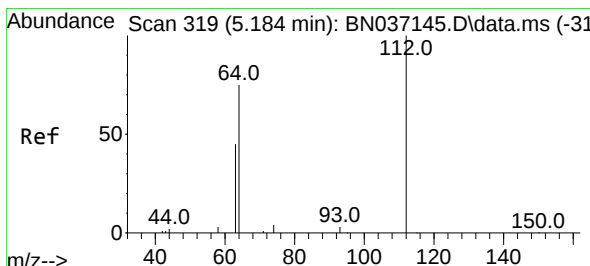
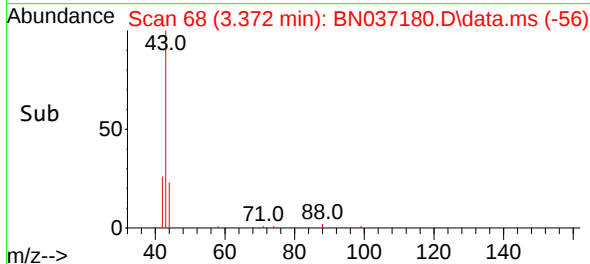
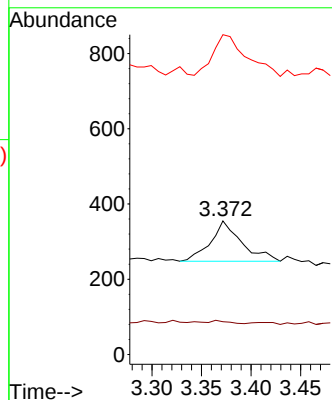
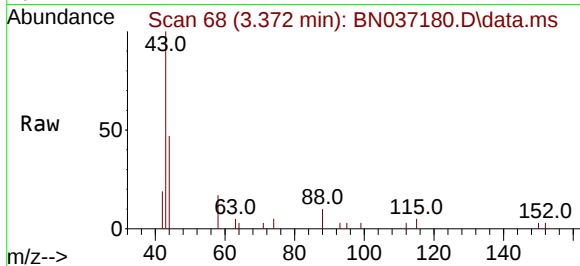




#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.372 min Scan# 61
Delta R.T. -0.065 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

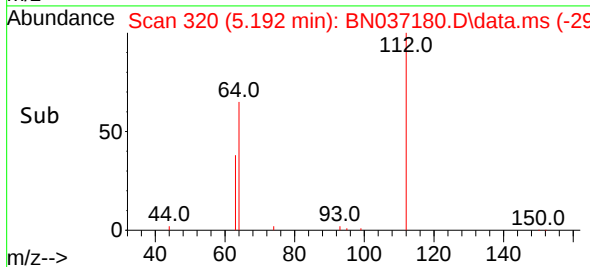
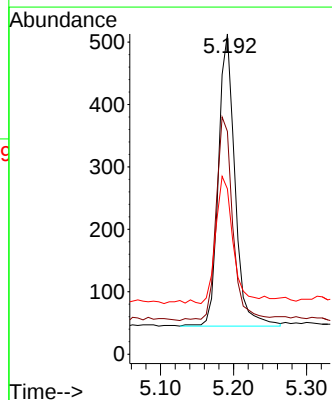
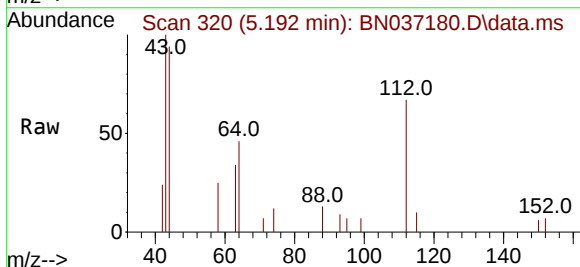
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion: 42 Resp: 232
Ion Ratio Lower Upper
42 100
74 3.4 53.0 79.4#
44 115.5 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

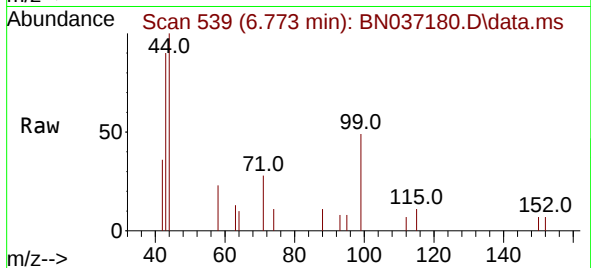
Tgt Ion: 112 Resp: 733
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 45.6 36.2 54.4



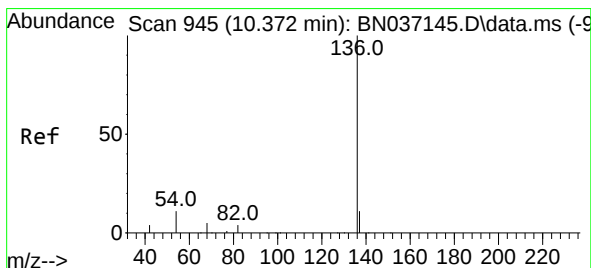
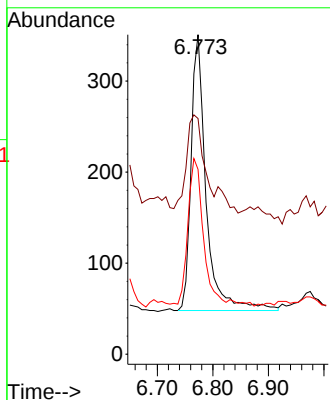
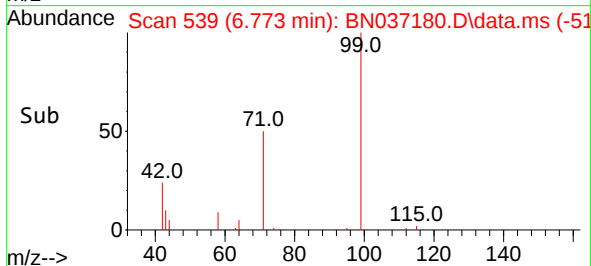


#5
Phenol-d6
Concen: 0.102 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

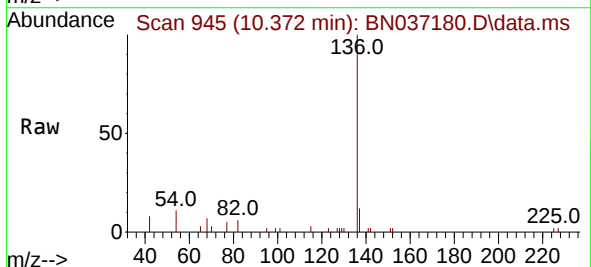
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325



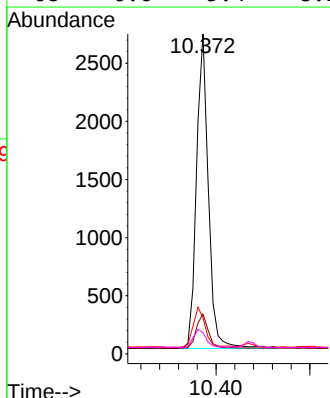
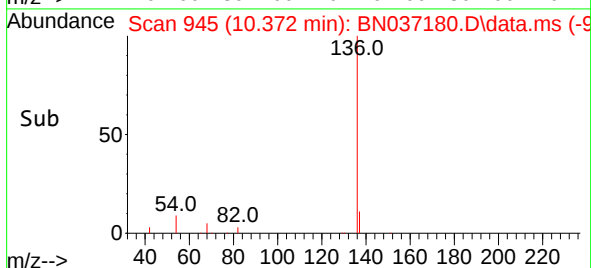
Tgt Ion:	99	Resp:	566
Ion	Ratio	Lower	Upper
99	100		
42	38.0	31.3	46.9
71	56.9	38.2	57.2

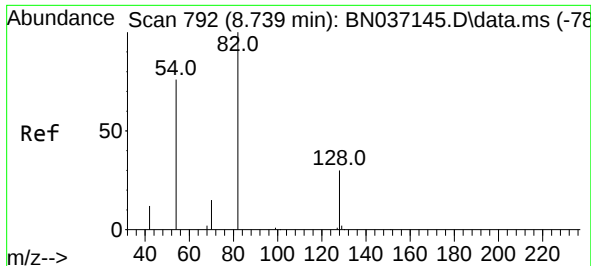


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32



Tgt Ion:	136	Resp:	4772
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	11.3	9.7	14.5
68	6.6	5.4	8.2

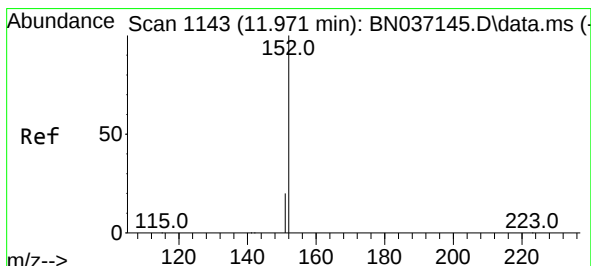
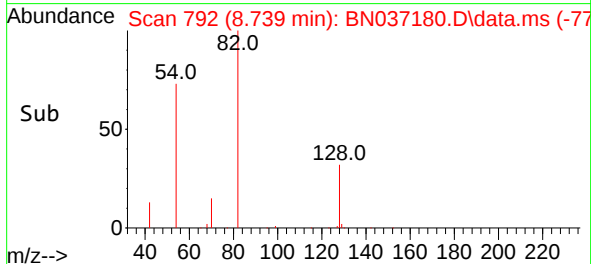
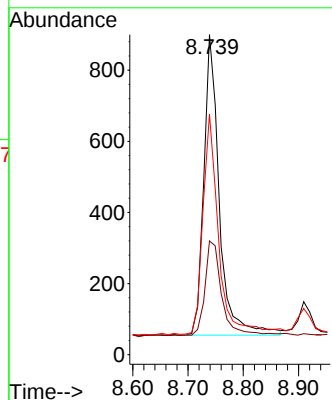
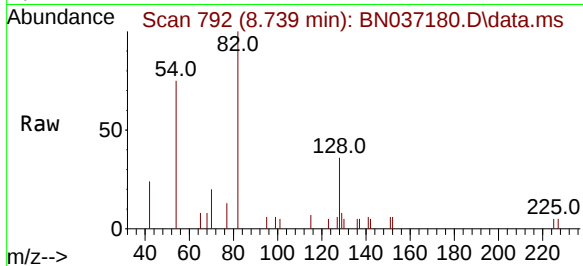




#8
 Nitrobenzene-d5
 Concen: 0.328 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32

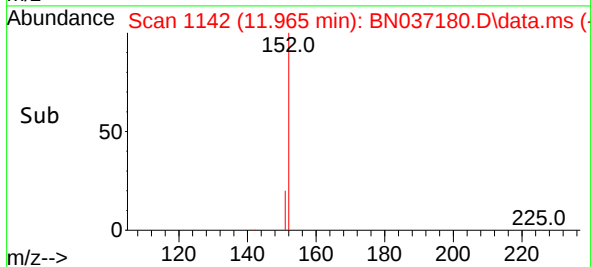
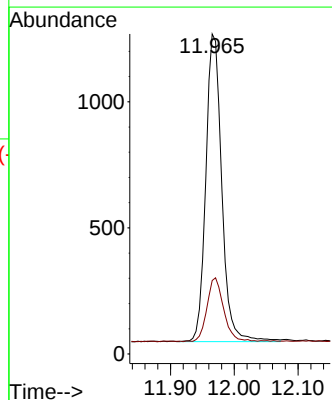
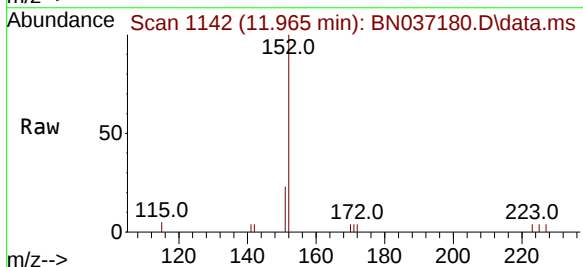
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-060325

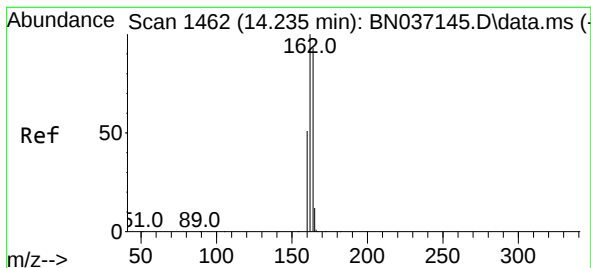
Tgt Ion:	82	Resp:	1652
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.9	40.3
54	75.2	61.4	92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.319 ng
 RT: 11.965 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32

Tgt Ion:	152	Resp:	2122
Ion	Ratio	Lower	Upper
152	100		
151	21.7	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: BN037180.D

Acq: 05 Jun 2025 14:32

Instrument :

BNA_N

ClientSampleId :

MW-01-6.5-060325

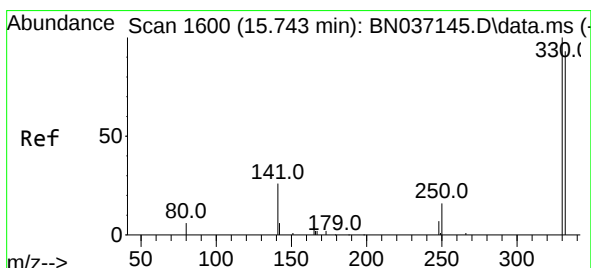
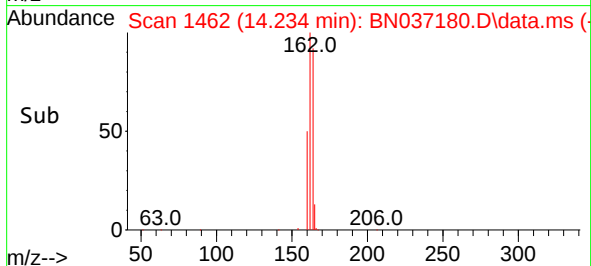
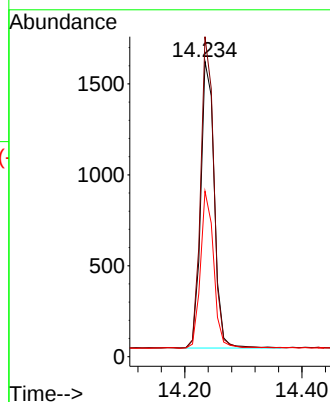
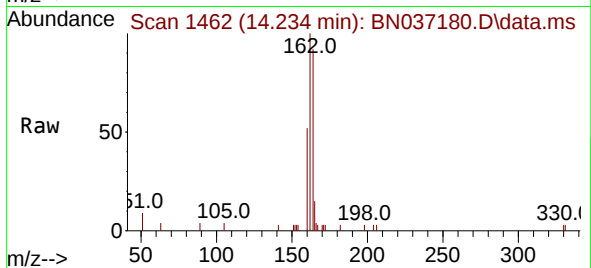
Tgt Ion:164 Resp: 2549

Ion Ratio Lower Upper

164 100

162 108.4 85.5 128.3

160 56.0 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.367 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.013 min

Lab File: BN037180.D

Acq: 05 Jun 2025 14:32

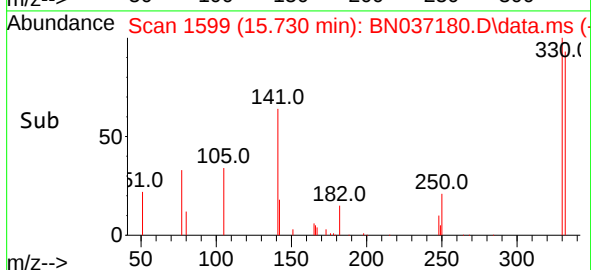
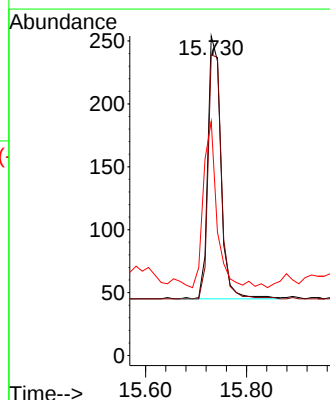
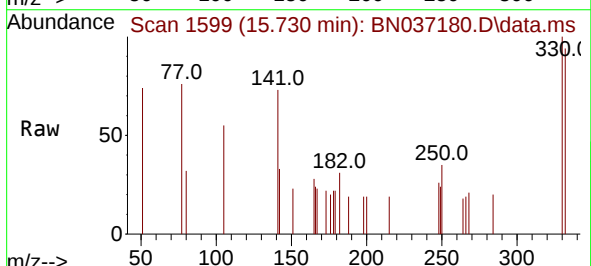
Tgt Ion:330 Resp: 377

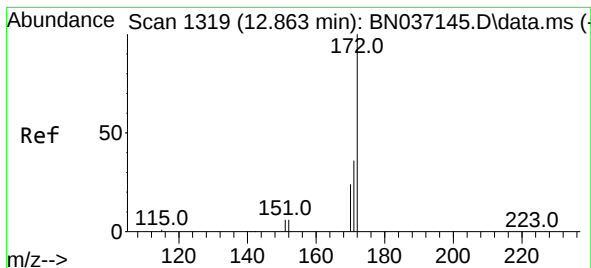
Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

141 64.5 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.340 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037180.D

Acq: 05 Jun 2025 14:32

Instrument :

BNA_N

ClientSampleId :

MW-01-6.5-060325

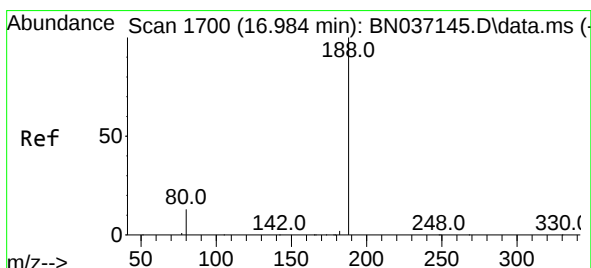
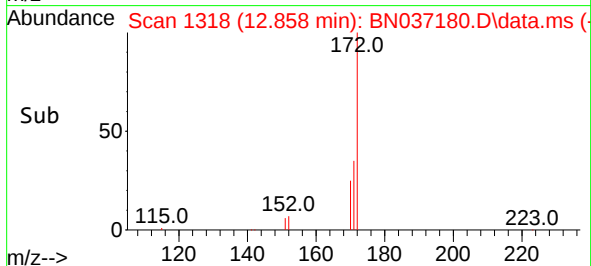
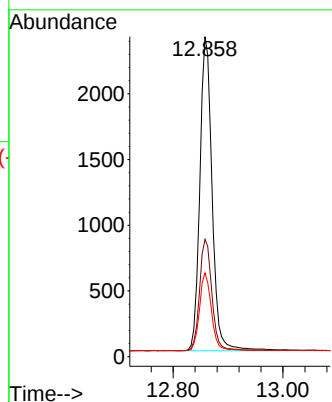
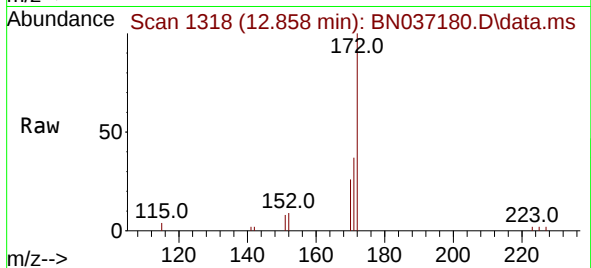
Tgt Ion:172 Resp: 3699

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

170 26.2 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: BN037180.D

Acq: 05 Jun 2025 14:32

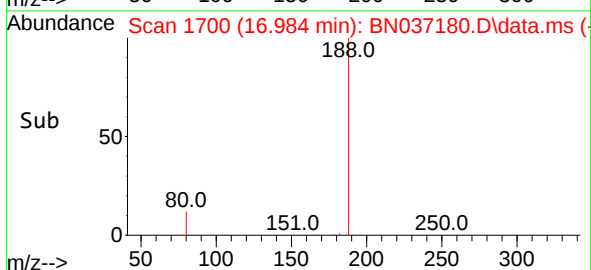
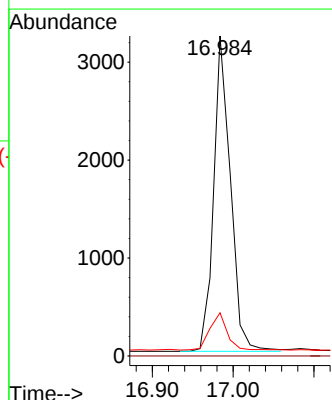
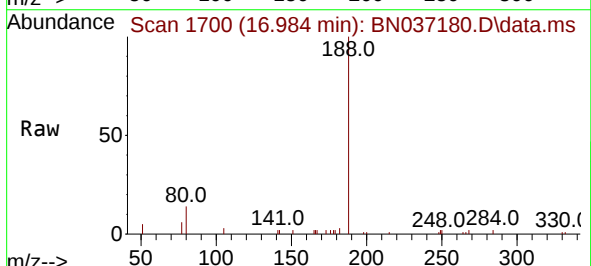
Tgt Ion:188 Resp: 4645

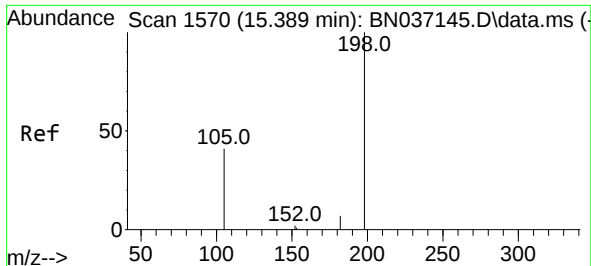
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 11.3 16.9

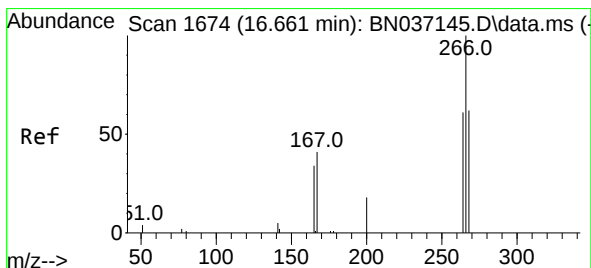
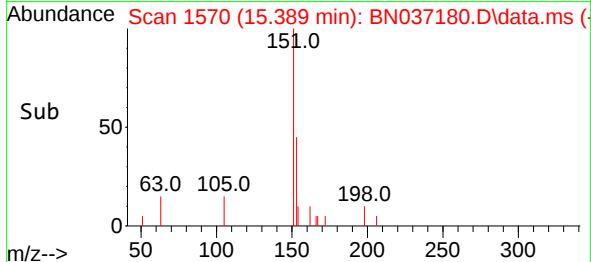
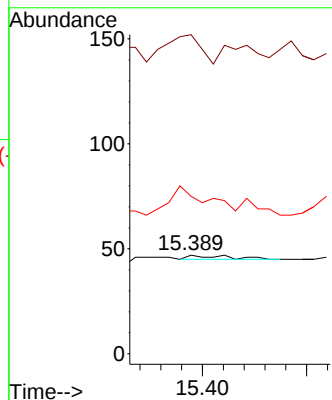
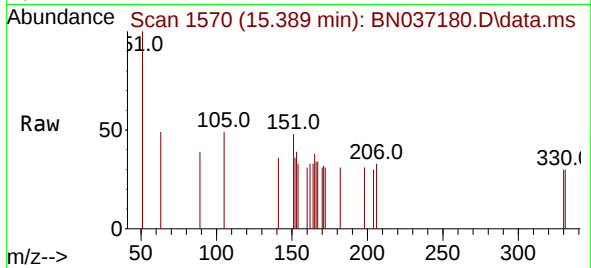




#20
4,6-Dinitro-2-methylphenol
Concen: 0.278 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

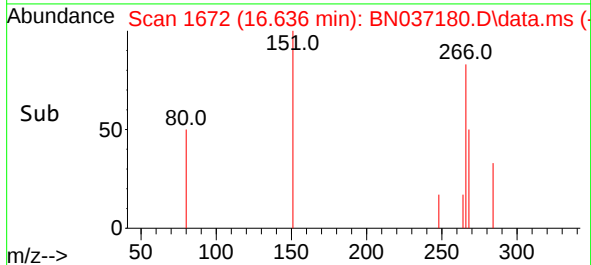
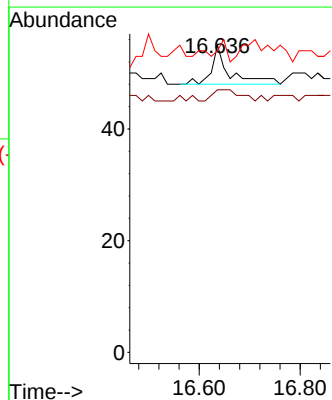
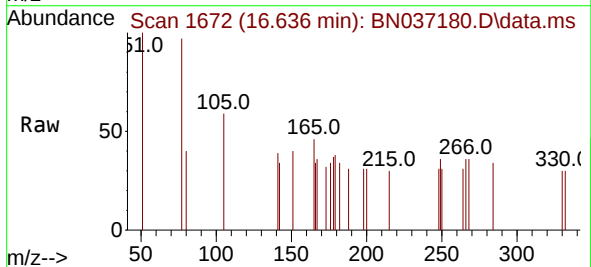
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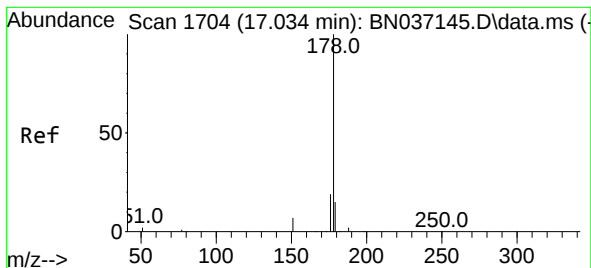
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 323.4 125.2 187.8#
105 159.6 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.224 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
264 41.2 49.3 73.9#
268 47.1 49.0 73.4#





#25

Phenanthrene

Concen: 0.029 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.013 min

Lab File: BN037180.D

Acq: 05 Jun 2025 14:32

Instrument :

BNA_N

ClientSampleId :

MW-01-6.5-060325

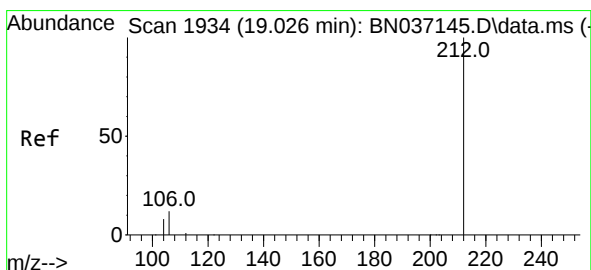
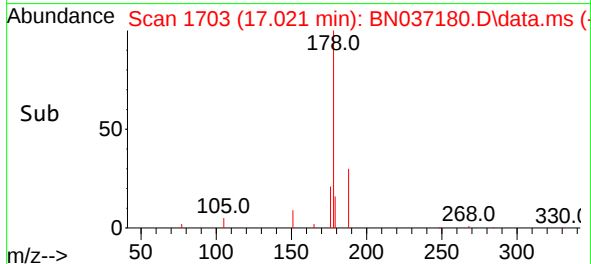
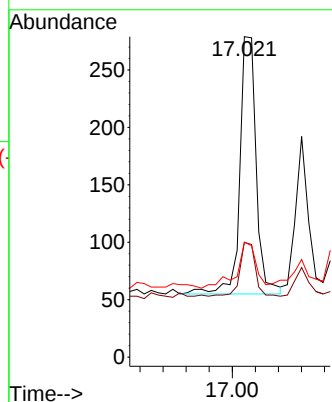
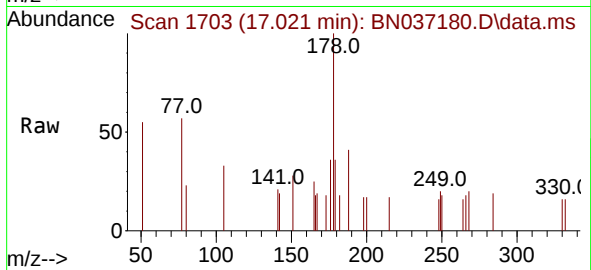
Tgt Ion:178 Resp: 442

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

179 21.7 12.3 18.5#



#27

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.026 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BN037180.D

Acq: 05 Jun 2025 14:32

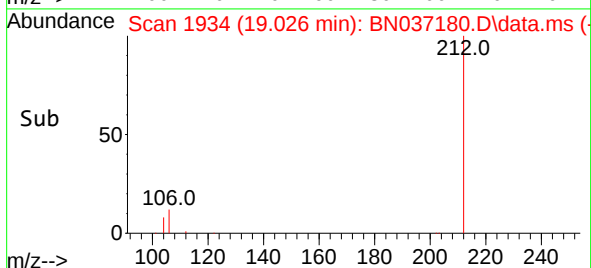
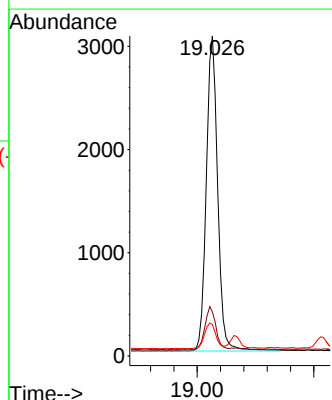
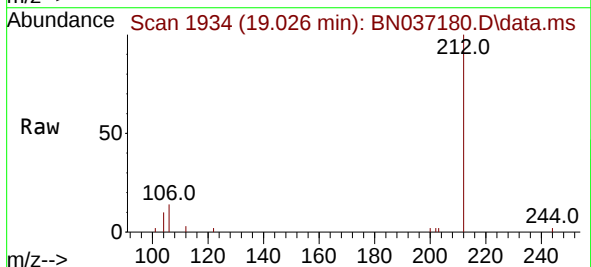
Tgt Ion:212 Resp: 4158

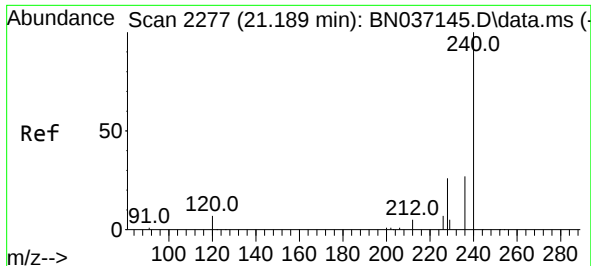
Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

104 8.1 6.6 9.8

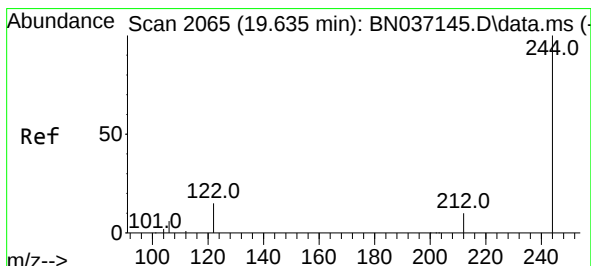
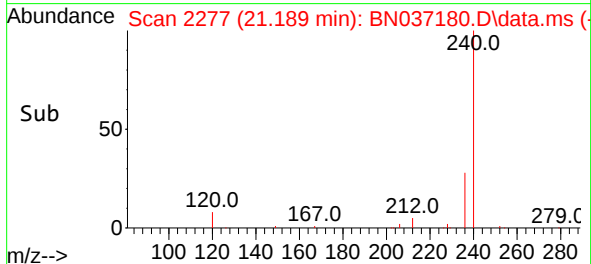
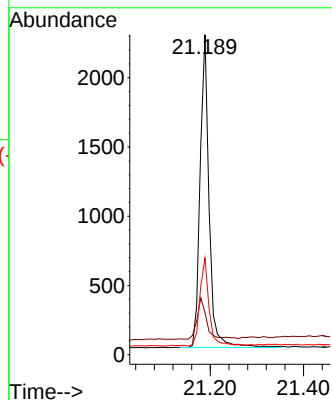
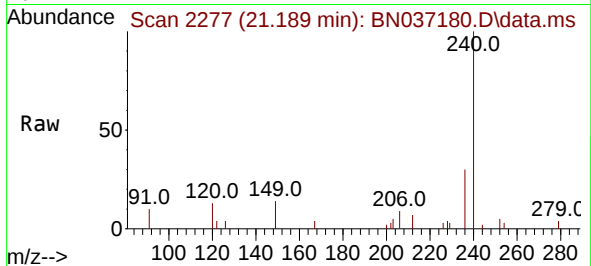




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

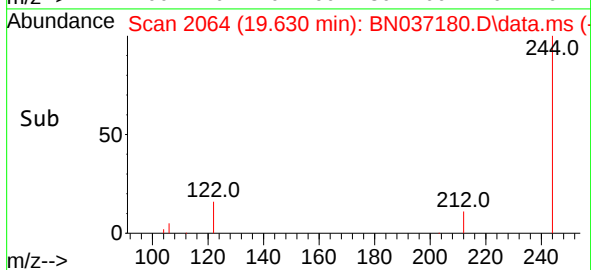
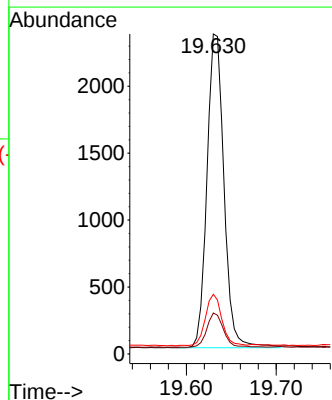
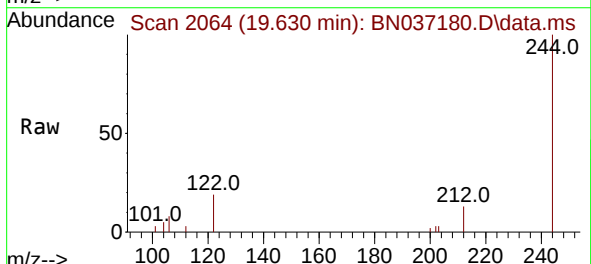
Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

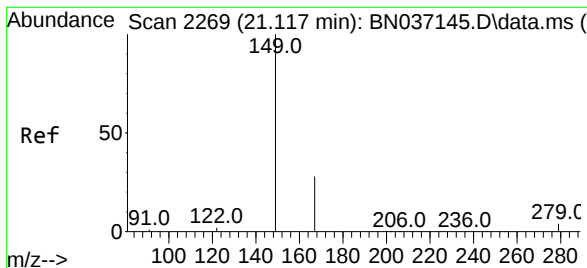
Tgt Ion:240 Resp: 3039
Ion Ratio Lower Upper
240 100
120 13.1 9.0 13.4
236 30.2 23.0 34.4



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:244 Resp: 3085
Ion Ratio Lower Upper
244 100
212 12.8 10.0 15.0
122 18.7 13.2 19.8

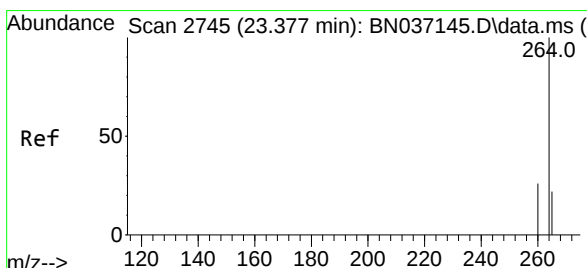
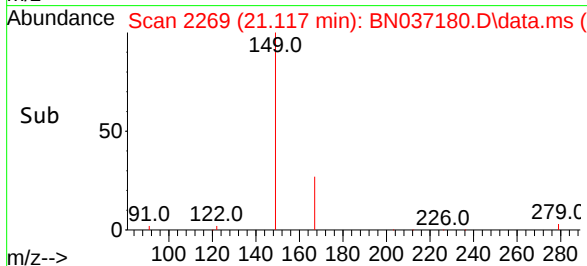
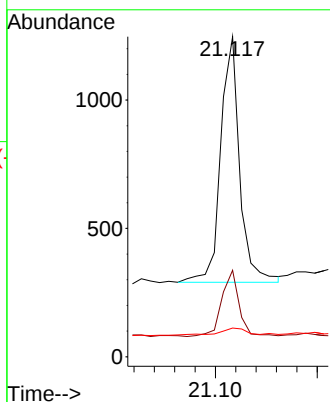
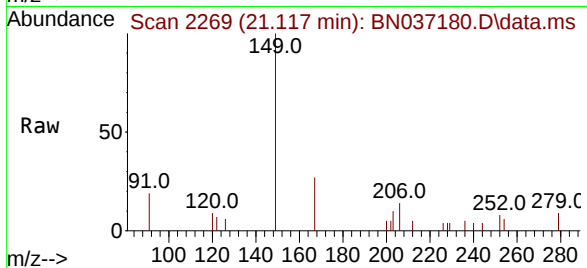




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.179 ng
 RT: 21.117 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-6.5-060325

Tgt Ion:	149	Resp:	1241
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.0	31.4
279	3.6	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037180.D
 Acq: 05 Jun 2025 14:32

Tgt Ion:	264	Resp:	2764
Ion Ratio	Lower	Upper	
264	100		
260	27.1	22.1	33.1
265	78.6	55.8	83.8

