

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037181.D
 Acq On : 05 Jun 2025 15:08
 Operator : RC/JU
 Sample : Q2200-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-060325

Quant Time: Jun 05 15:42:26 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)

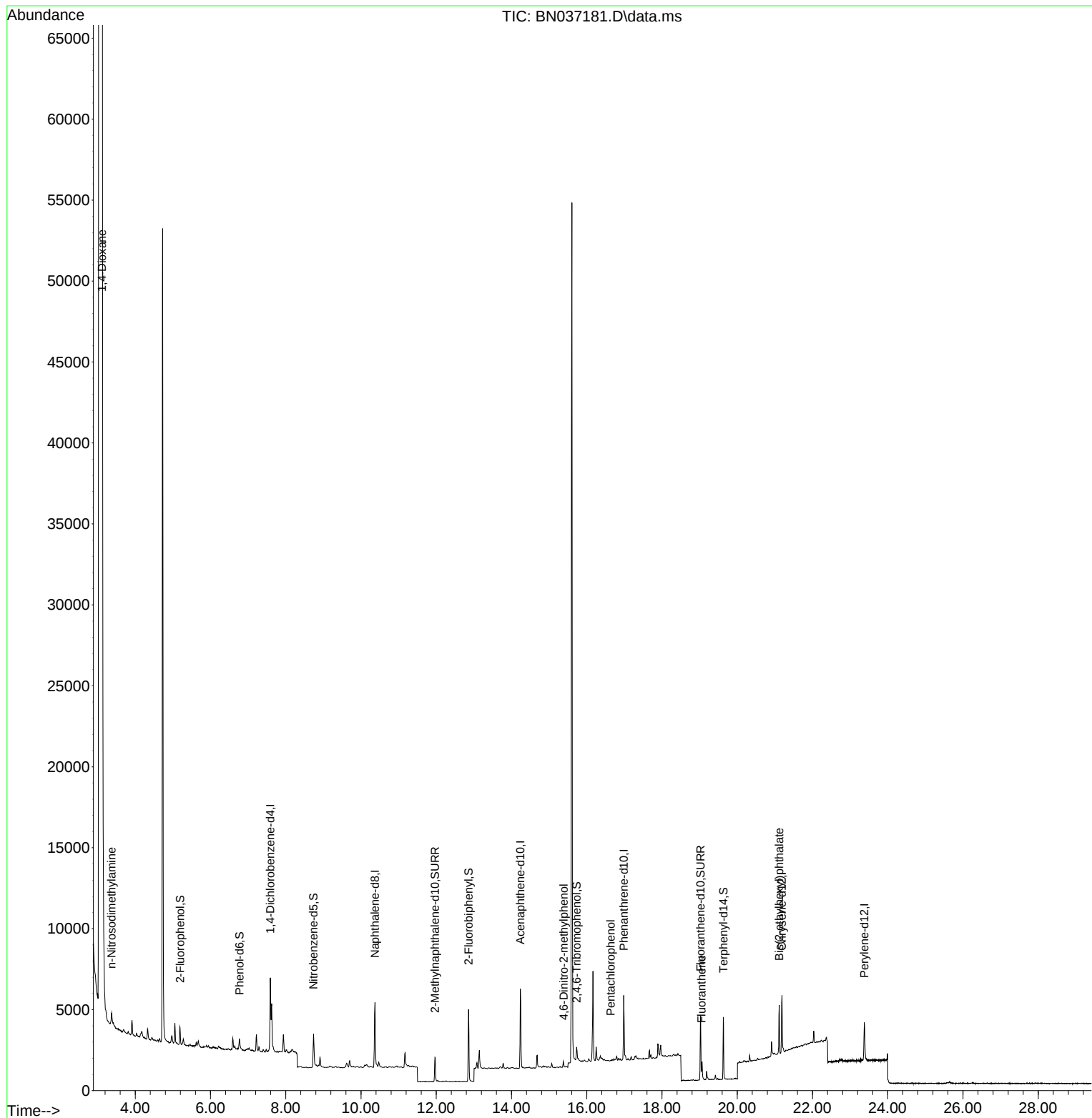
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2014	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5256	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2798	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4922	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3314	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3148	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	778	0.156	ng	0.00
5) Phenol-d6	6.773	99	531	0.088	ng	0.00
8) Nitrobenzene-d5	8.739	82	1803	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2201	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	423	0.375	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3823	0.320	ng	0.00
27) Fluoranthene-d10	19.022	212	4519	0.361	ng	0.00
31) Terphenyl-d14	19.630	244	3411	0.437	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	57659	21.478	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.372	42	258	0.048	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.389	198	4	0.277	ng	# 1
24) Pentachlorophenol	16.636	266	29	0.229	ng	# 74
28) Fluoranthene	19.054	202	356	0.020	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.117	149	2890	0.382	ng	98

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

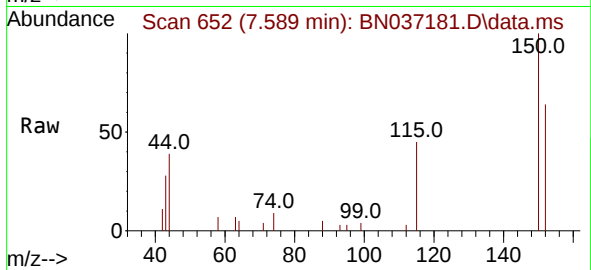
Quant Time: Jun 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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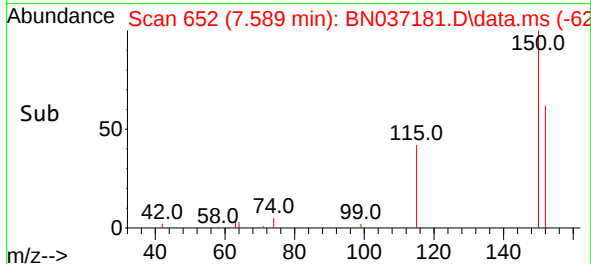
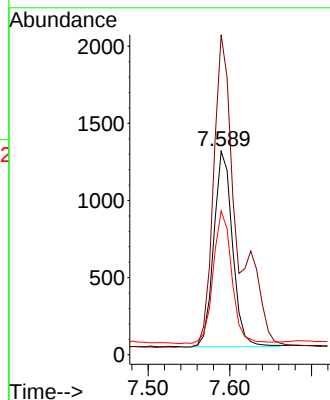
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-060325



Tgt Ion:152 Resp: 2014

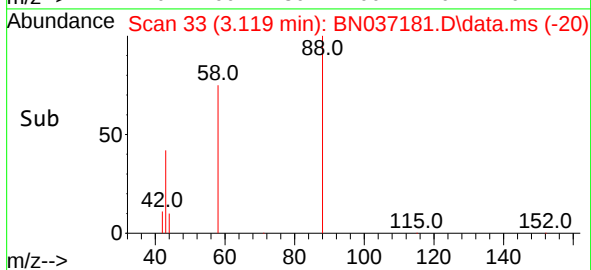
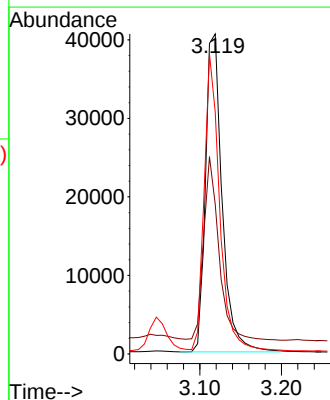
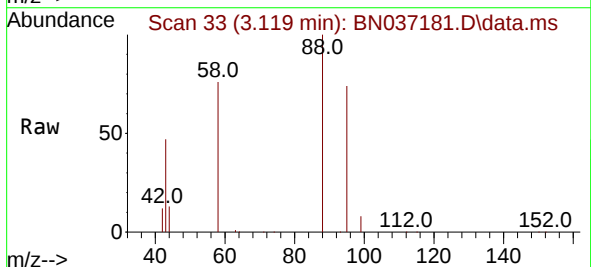
Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.2	184.8
115	70.7	56.6	85.0

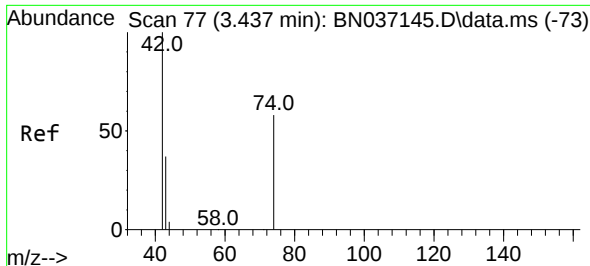


#2
 1,4-Dioxane
 Concen: 21.478 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion: 88 Resp: 57659

Ion	Ratio	Lower	Upper
88	100		
43	52.9	43.5	65.3
58	85.7	67.7	101.5

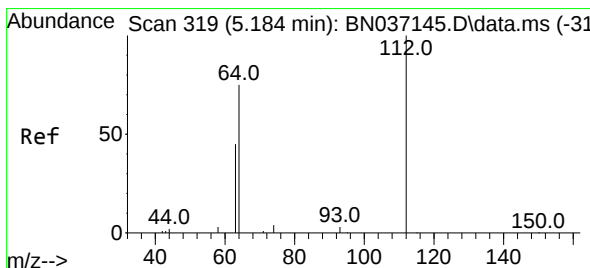
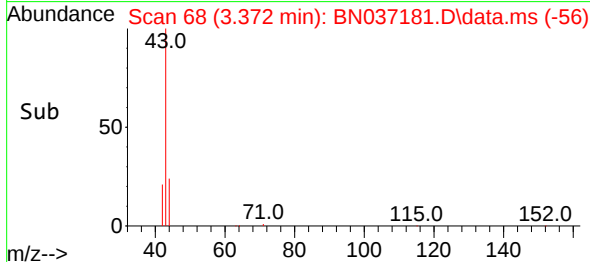
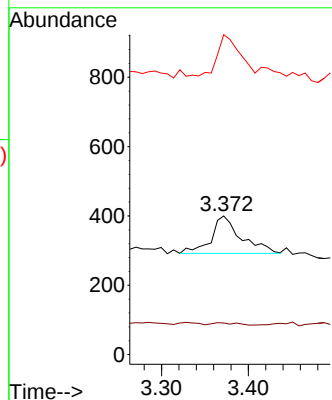
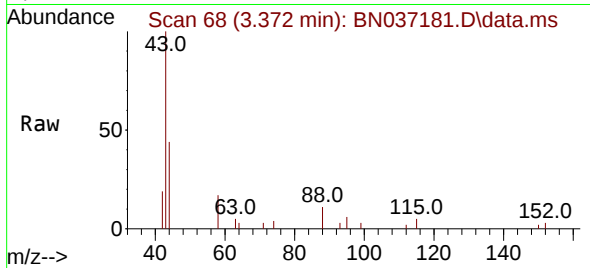




#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.372 min Scan# 61
Delta R.T. -0.065 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

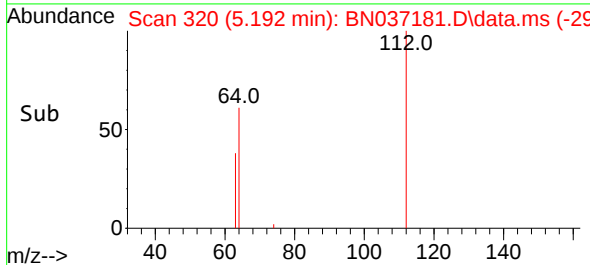
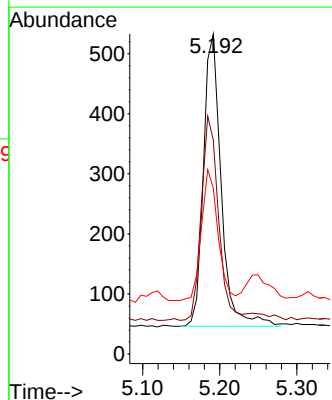
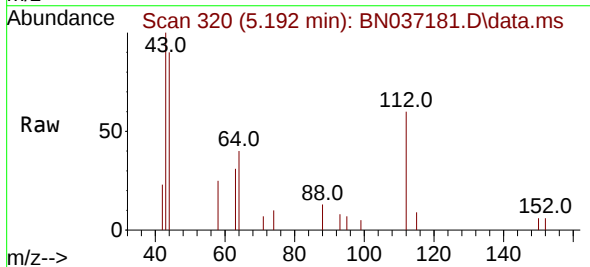
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion: 42 Resp: 258
Ion Ratio Lower Upper
42 100
74 5.0 53.0 79.4#
44 79.8 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

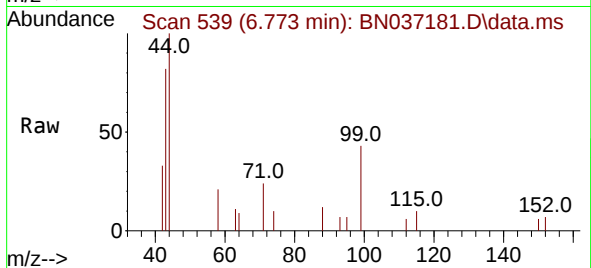
Tgt Ion: 112 Resp: 778
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 41.9 36.2 54.4



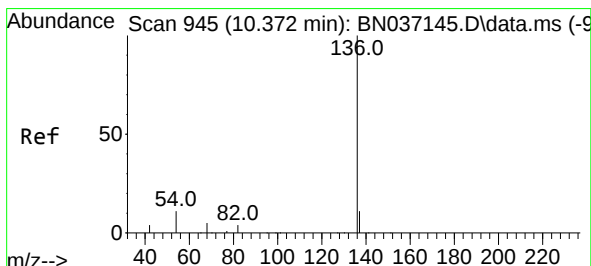
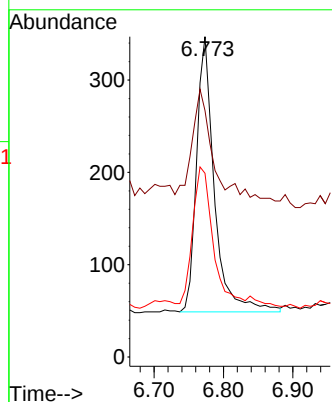
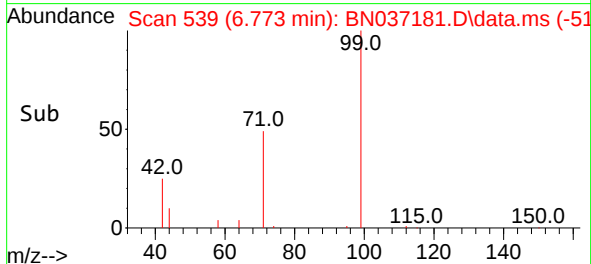


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.773 min Scan# 531
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

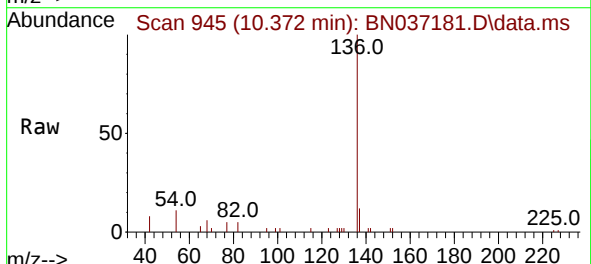
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325



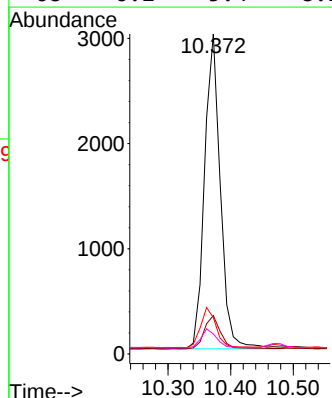
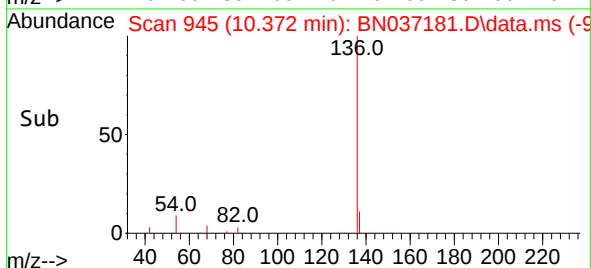
Tgt Ion: 99 Resp: 531
Ion Ratio Lower Upper
99 100
42 48.2 31.3 46.9#
71 55.2 38.2 57.2

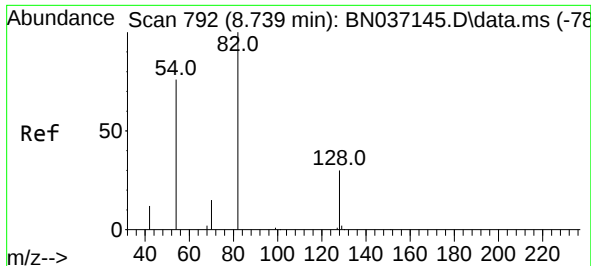


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08



Tgt Ion: 136 Resp: 5256
Ion Ratio Lower Upper
136 100
137 12.0 9.7 14.5
54 11.4 9.7 14.5
68 6.2 5.4 8.2

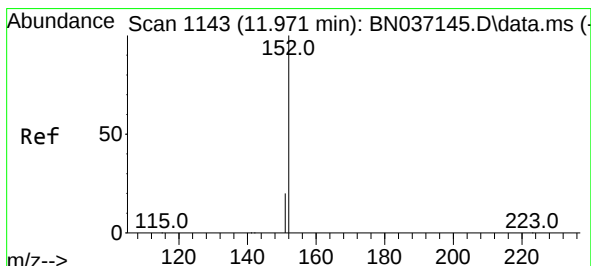
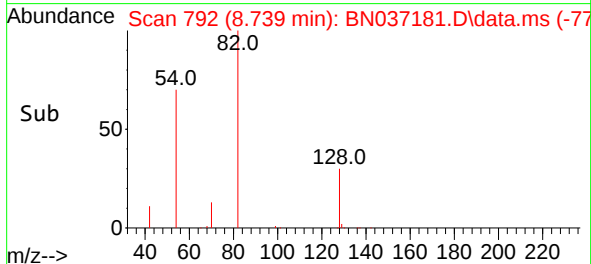
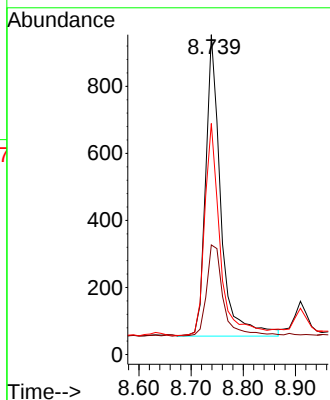
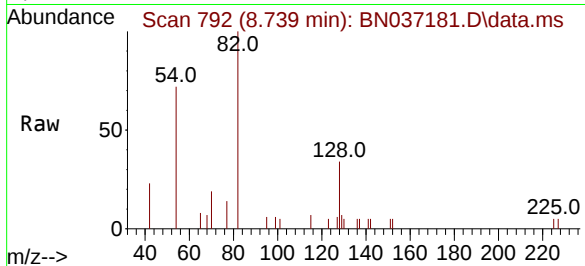




#8
 Nitrobenzene-d5
 Concen: 0.325 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

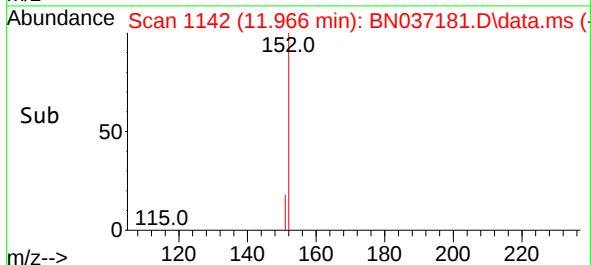
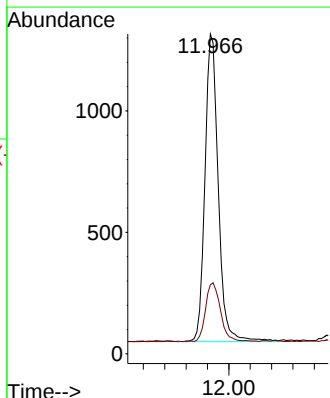
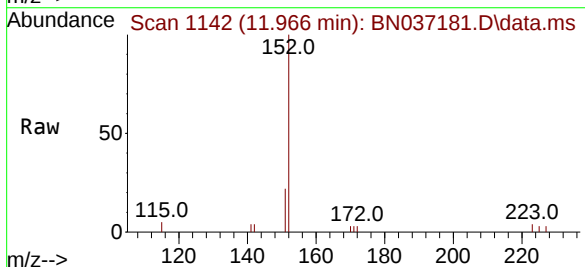
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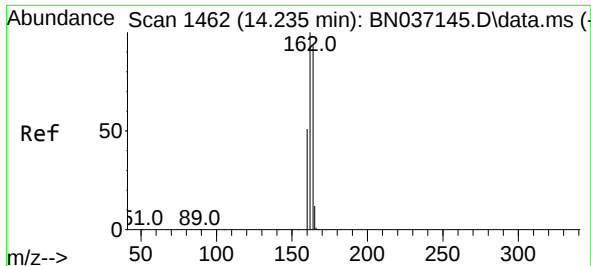
Tgt Ion: 82 Resp: 1803
 Ion Ratio Lower Upper
 82 100
 128 34.3 26.9 40.3
 54 72.2 61.4 92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 11.966 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion: 152 Resp: 2201
 Ion Ratio Lower Upper
 152 100
 151 21.6 17.1 25.7

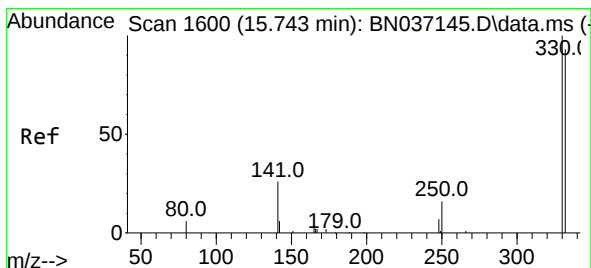
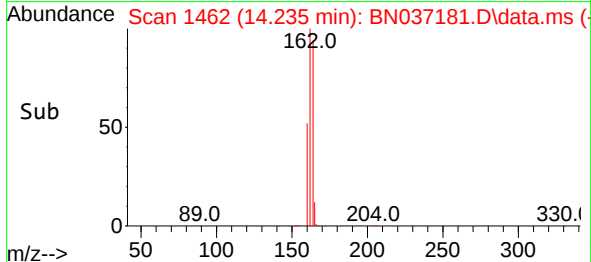
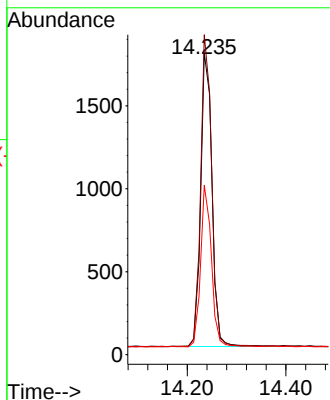
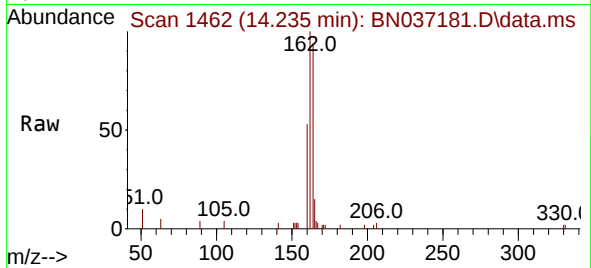




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

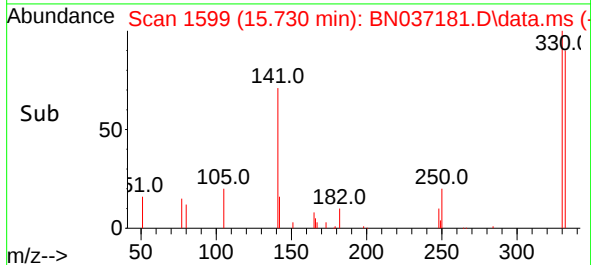
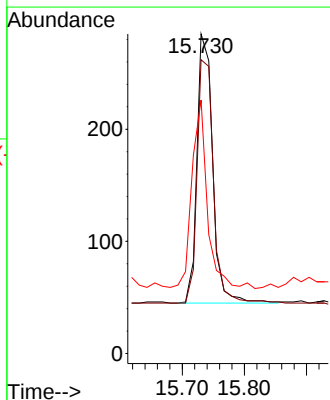
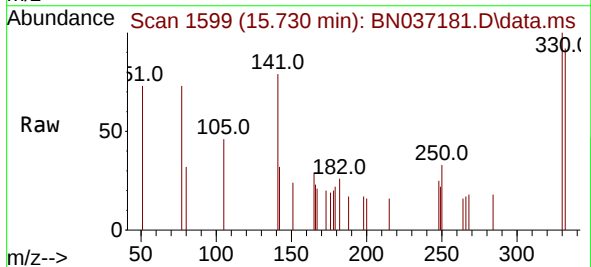
Instrument :
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ClientSampleId :
MW-11B-37.5-060325

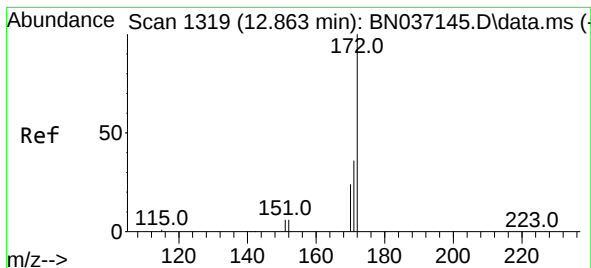
Tgt Ion:164 Resp: 2798
Ion Ratio Lower Upper
164 100
162 106.1 85.5 128.3
160 56.2 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:330 Resp: 423
Ion Ratio Lower Upper
330 100
332 93.9 77.1 115.7
141 68.6 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.320 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037181.D

Acq: 05 Jun 2025 15:08

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-060325

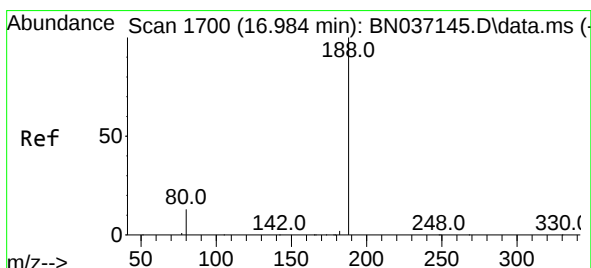
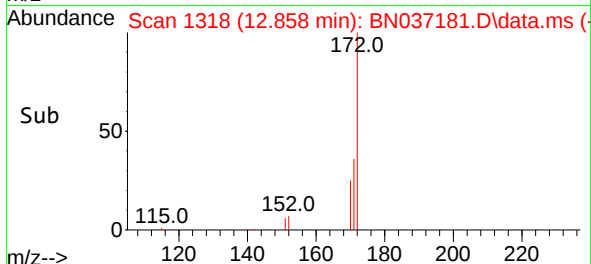
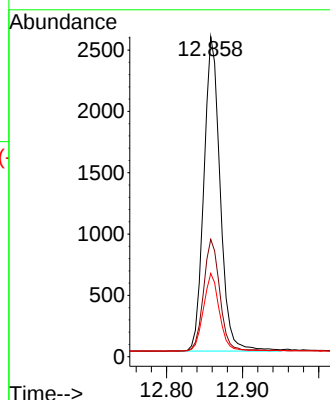
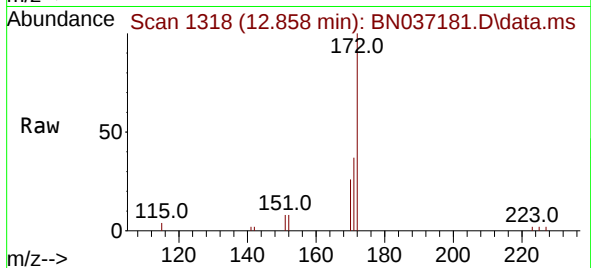
Tgt Ion:172 Resp: 3823

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 26.0 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: BN037181.D

Acq: 05 Jun 2025 15:08

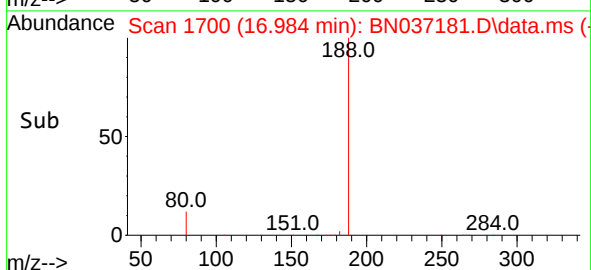
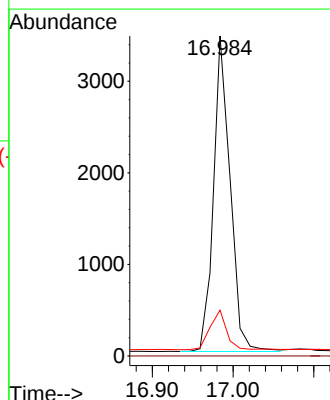
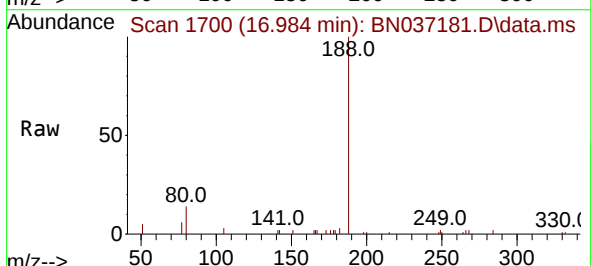
Tgt Ion:188 Resp: 4922

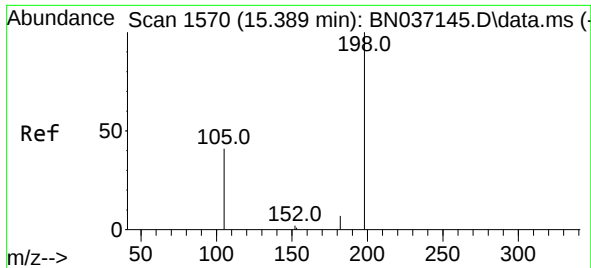
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 11.3 16.9

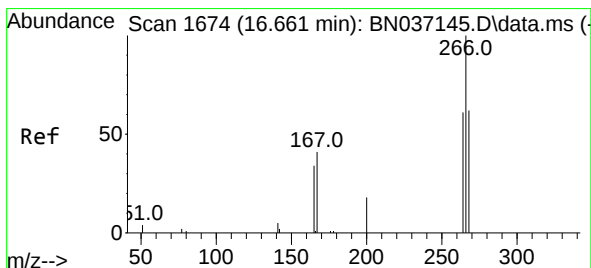
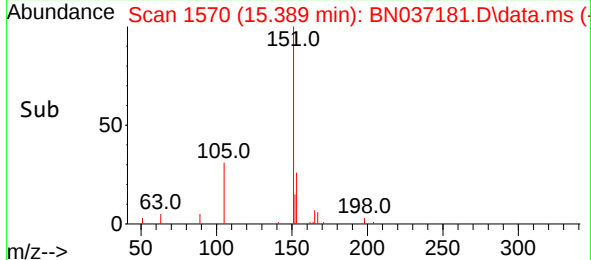
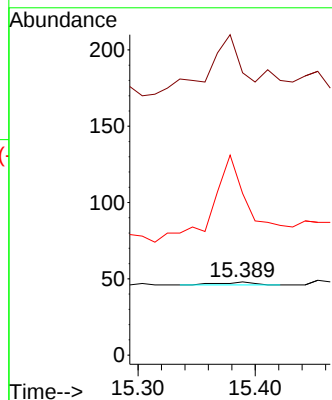
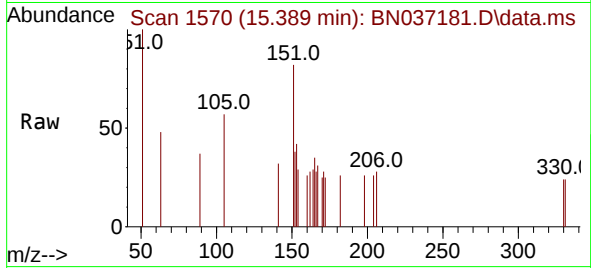




#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

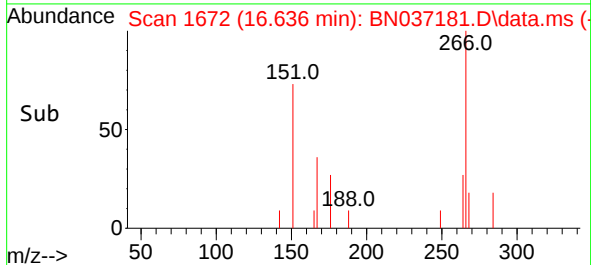
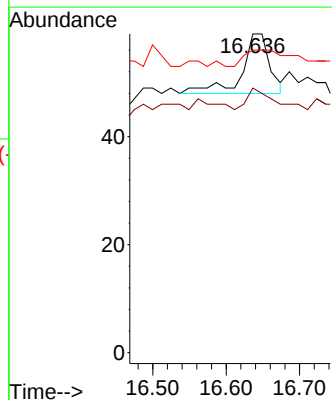
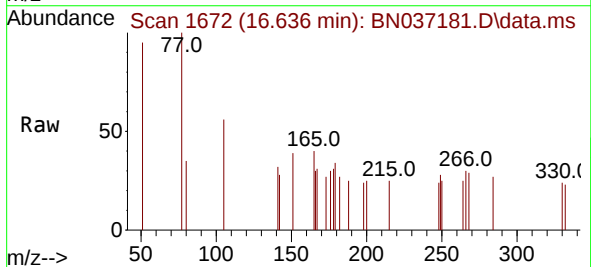
Instrument :
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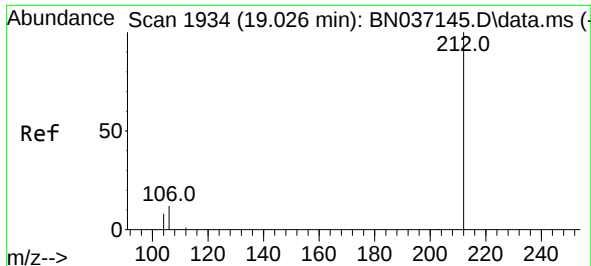
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 385.4 125.2 187.8#
105 220.8 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.229 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 34.5 49.3 73.9#
268 48.3 49.0 73.4#

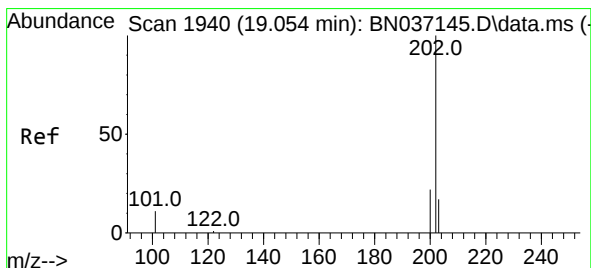
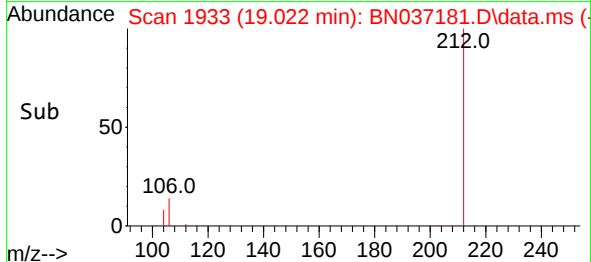
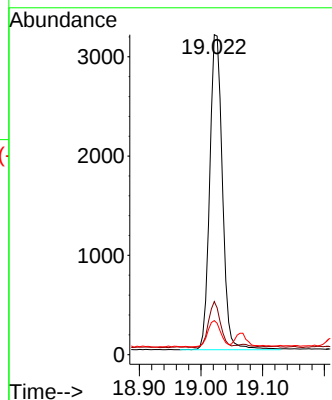
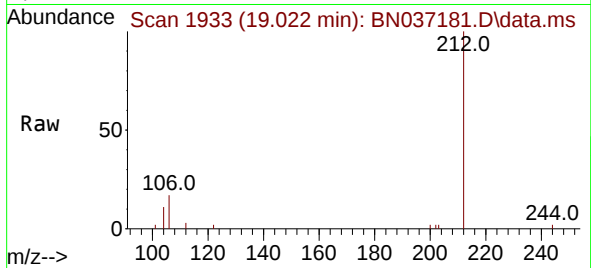




#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.022 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

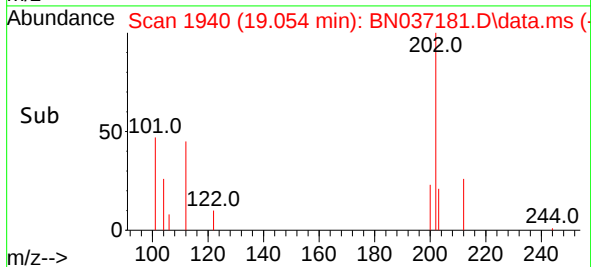
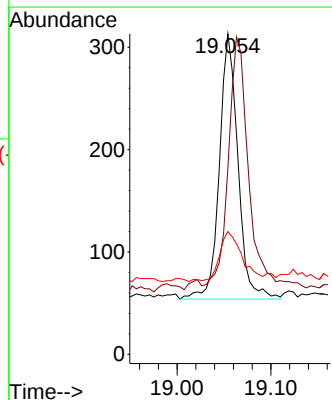
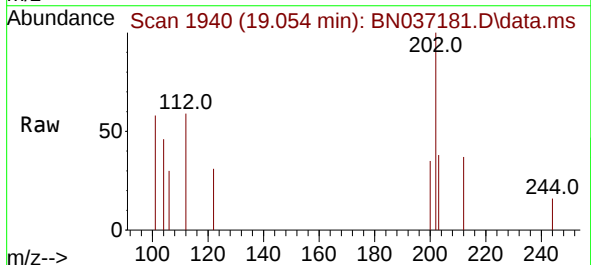
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

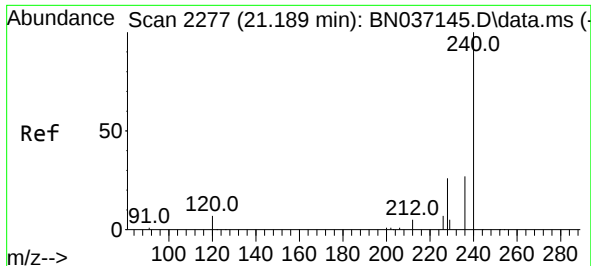
Tgt Ion:212 Resp: 4519
Ion Ratio Lower Upper
212 100
106 13.5 10.6 15.8
104 8.4 6.6 9.8



#28
Fluoranthene
Concen: 0.020 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:202 Resp: 356
Ion Ratio Lower Upper
202 100
101 105.3 8.7 13.1#
203 21.6 13.5 20.3#

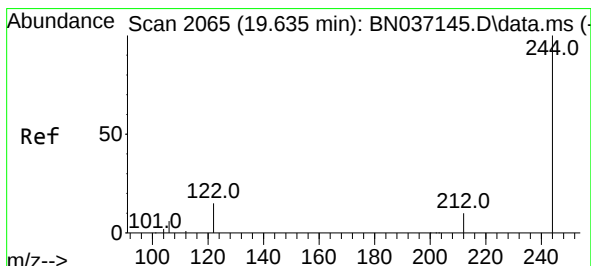
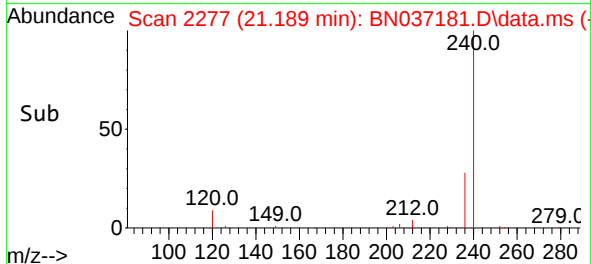
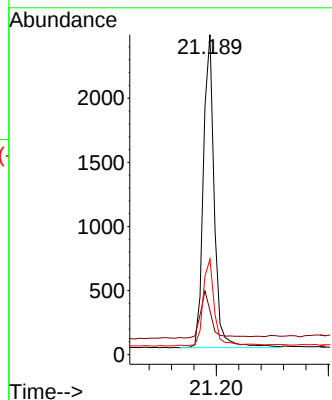
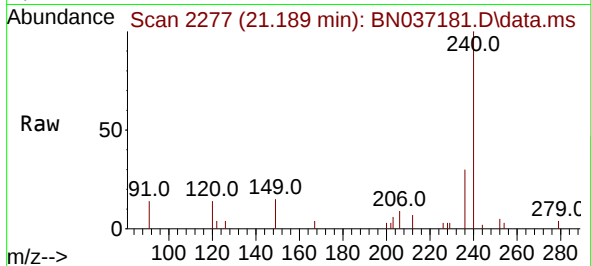




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

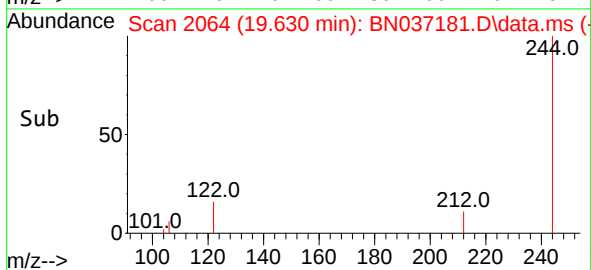
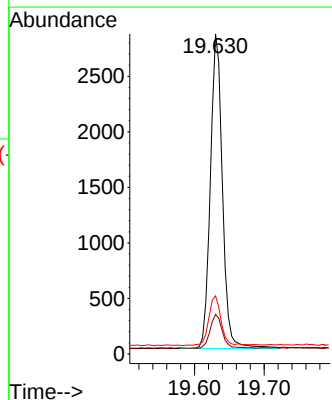
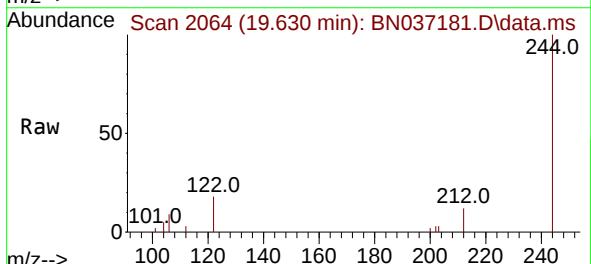
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

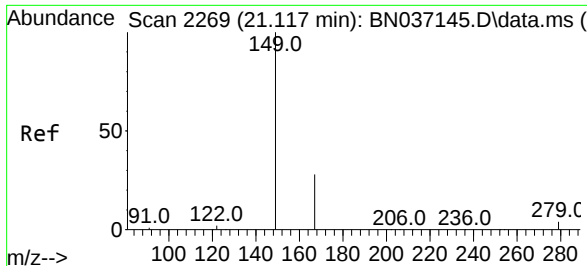
Tgt Ion:240 Resp: 3314
Ion Ratio Lower Upper
240 100
120 13.8 9.0 13.4#
236 29.8 23.0 34.4



#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:244 Resp: 3411
Ion Ratio Lower Upper
244 100
212 12.4 10.0 15.0
122 18.2 13.2 19.8

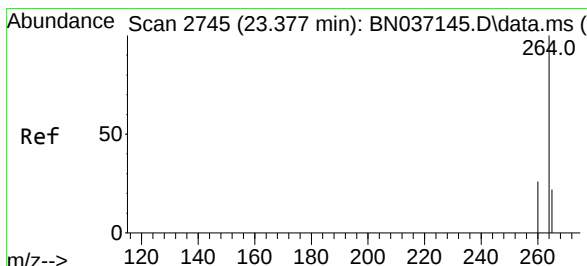
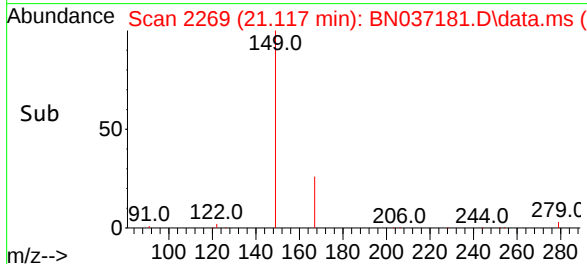
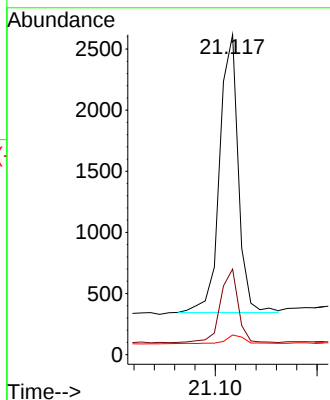
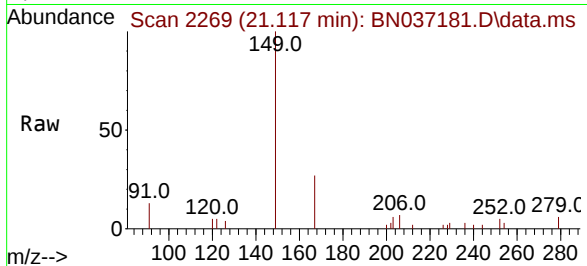




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.382 ng
 RT: 21.117 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-060325

Tgt Ion:	149	Resp:	2890
Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	2.9	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: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion:	264	Resp:	3148
Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.1	33.1
265	76.8	55.8	83.8

