

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037607.D
 Acq On : 19 Aug 2025 14:53
 Operator : RC/JU
 Sample : Q2842-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-08122025

Quant Time: Aug 20 01:26:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

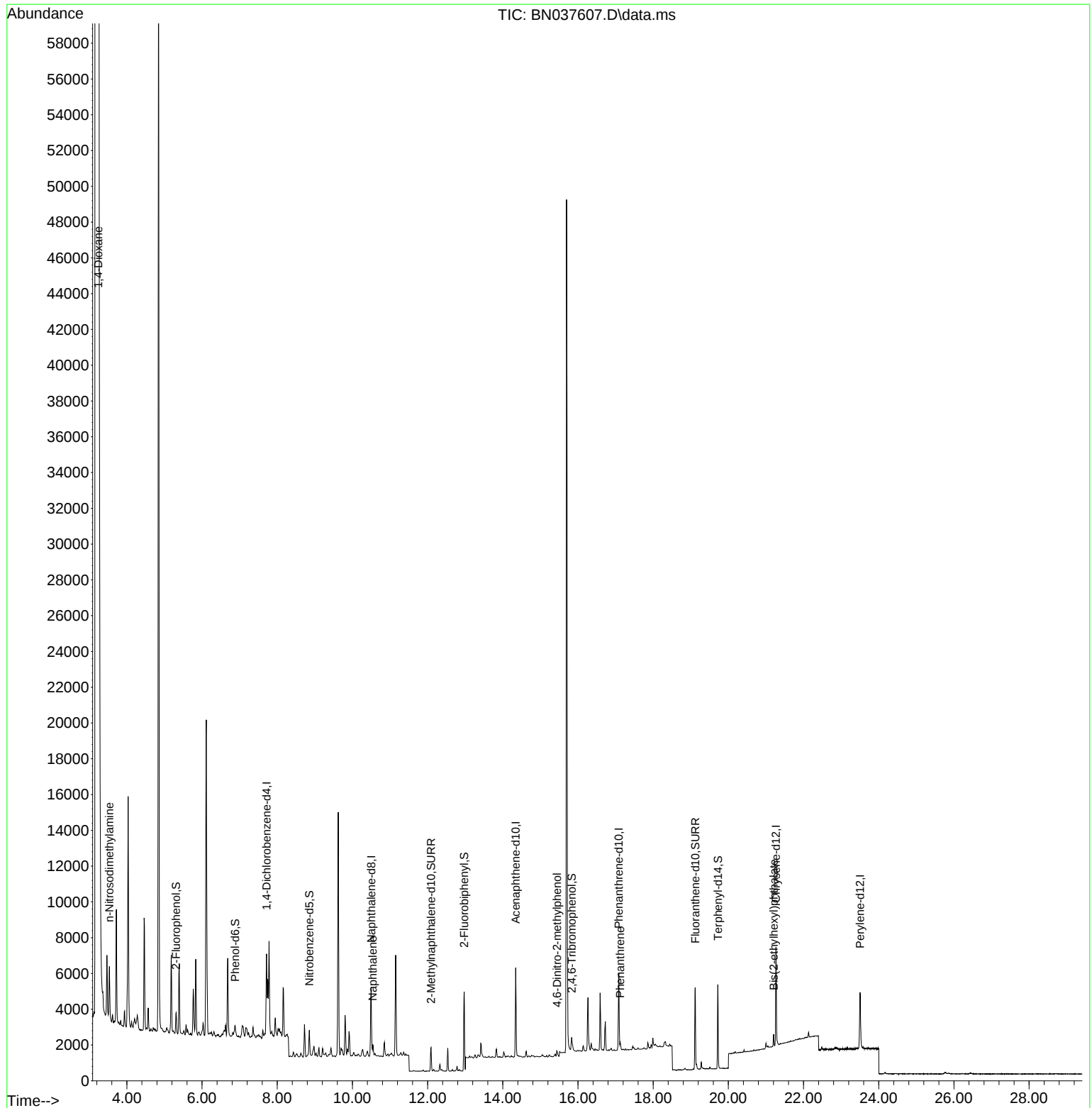
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2139	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5184	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2604	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5518	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4981	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4415	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	635	0.131	ng	0.00
5) Phenol-d6	6.879	99	478	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1097	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1850	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	419	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5251	0.349	ng	0.00
27) Fluoranthene-d10	19.118	212	5180	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	4411	0.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	1272	0.622	ng	# 3
3) n-Nitrosodimethylamine	3.535	42	294	0.112	ng	# 2
9) Naphthalene	10.541	128	796	0.058	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.446	198	10	0.191	ng	# 1
25) Phenanthrene	17.124	178	436	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.205	149	727	0.106	ng	# 99

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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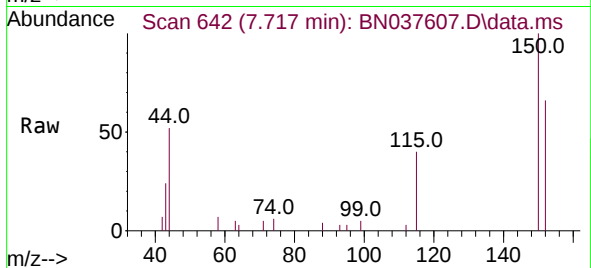
Quant Time: Aug 20 01:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
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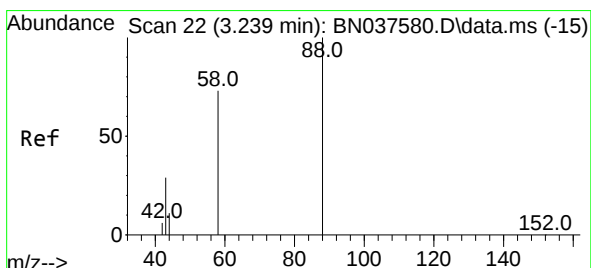
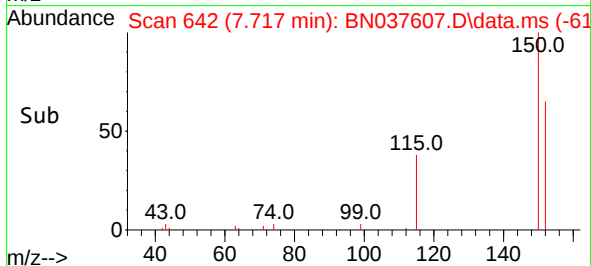
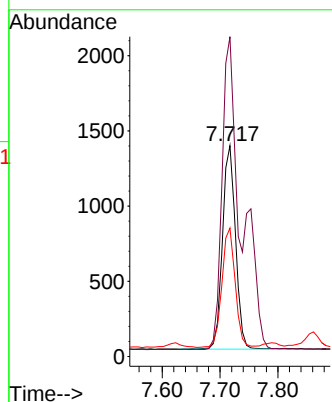
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-08122025



Tgt Ion: 152 Resp: 2139

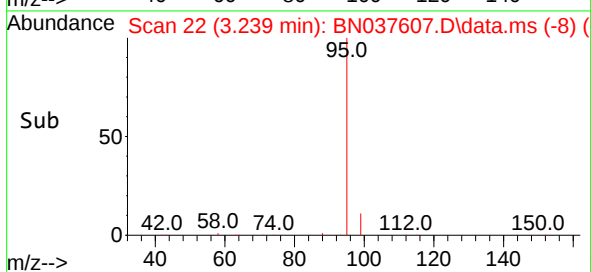
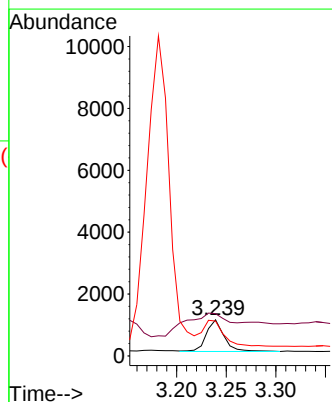
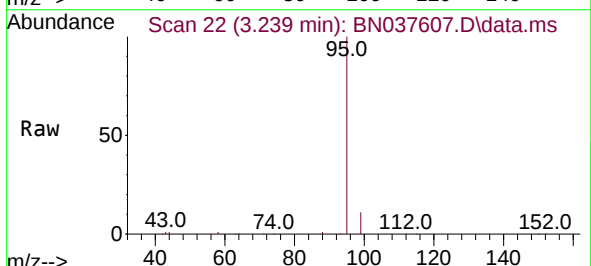
Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.4
115	60.9	49.8	74.6

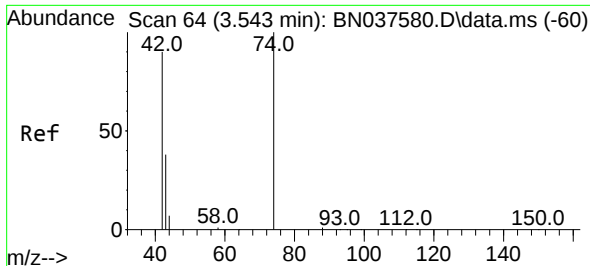


#2
 1,4-Dioxane
 Concen: 0.622 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

Tgt Ion: 88 Resp: 1272

Ion	Ratio	Lower	Upper
88	100		
43	185.2	25.8	38.6#
58	96.1	61.2	91.8#

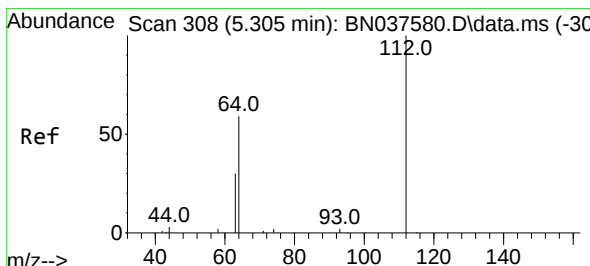
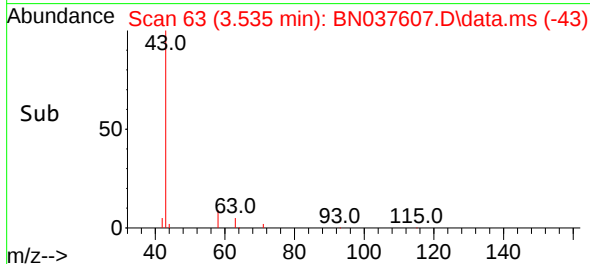
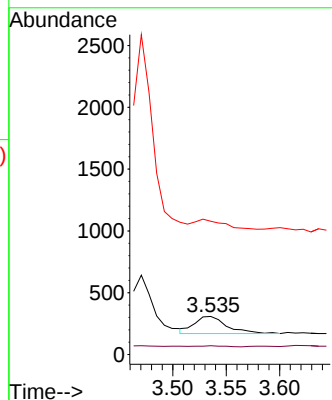
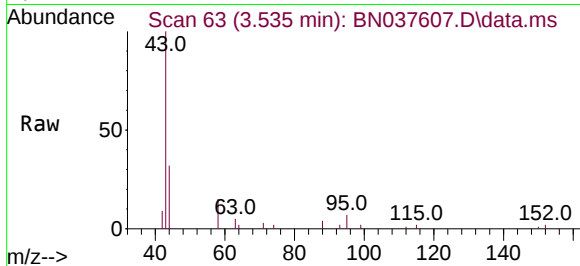




#3
n-Nitrosodimethylamine
Concen: 0.112 ng
RT: 3.535 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

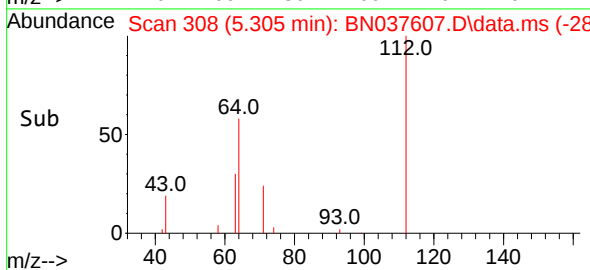
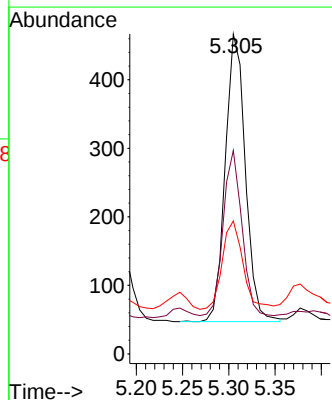
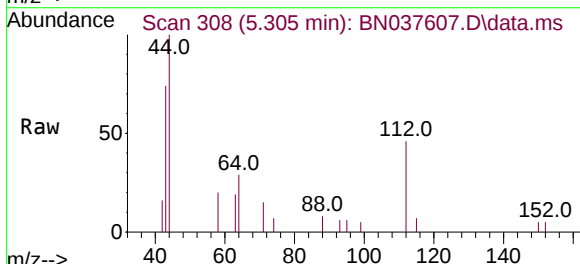
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

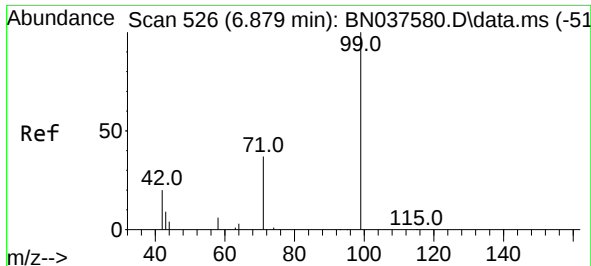
Tgt Ion: 42 Resp: 294
Ion Ratio Lower Upper
42 100
74 3.7 82.0 123.0#
44 48.3 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion: 112 Resp: 635
Ion Ratio Lower Upper
112 100
64 55.3 44.9 67.3
63 31.7 23.4 35.2

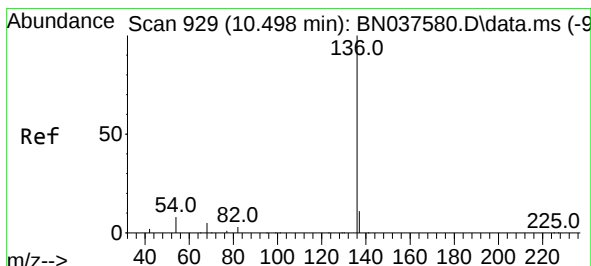
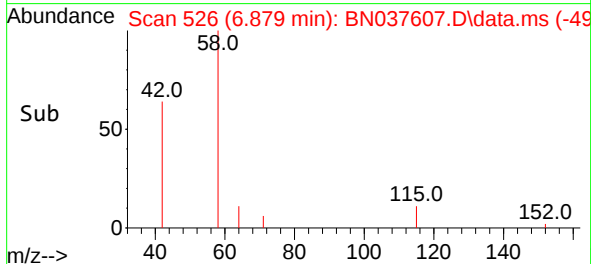
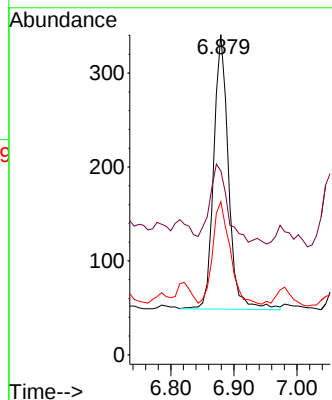
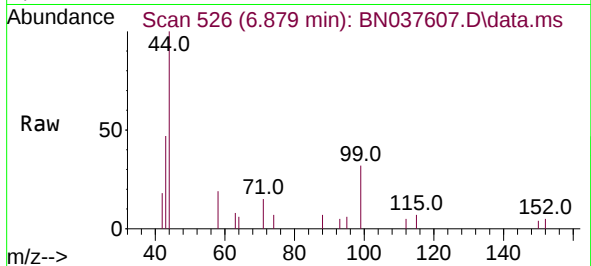




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

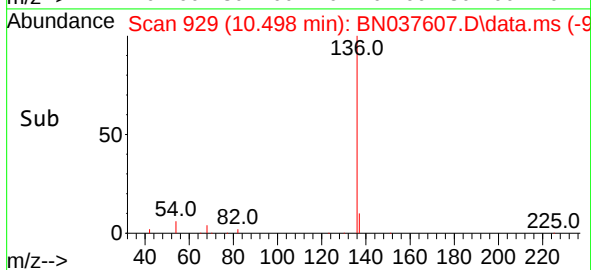
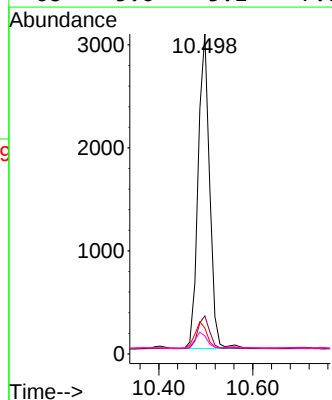
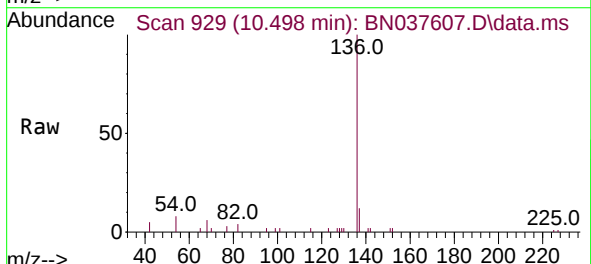
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

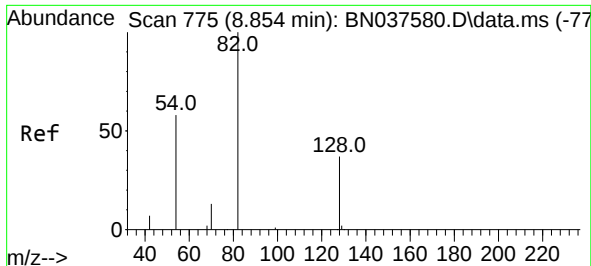
Tgt Ion: 99 Resp: 478
Ion Ratio Lower Upper
99 100
42 32.0 18.5 27.7#
71 43.9 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion: 136 Resp: 5184
Ion Ratio Lower Upper
136 100
137 11.9 9.5 14.3
54 8.1 7.3 10.9
68 5.6 5.1 7.7

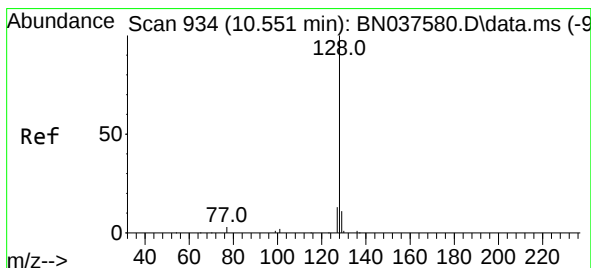
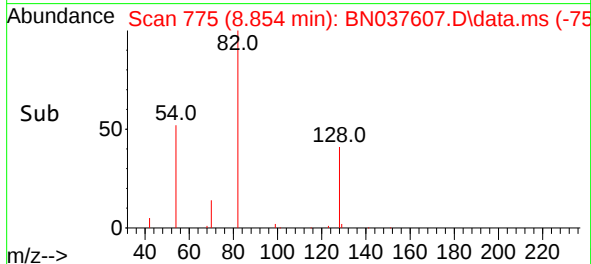
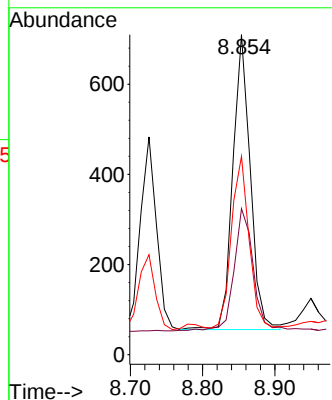
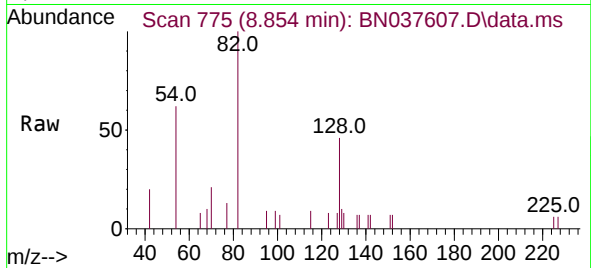




#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

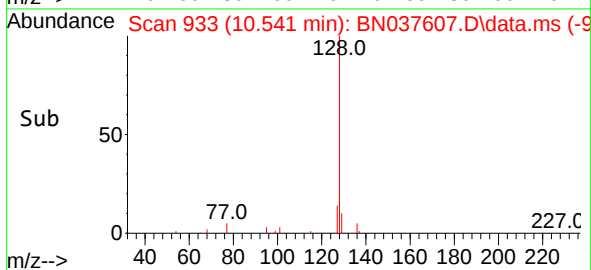
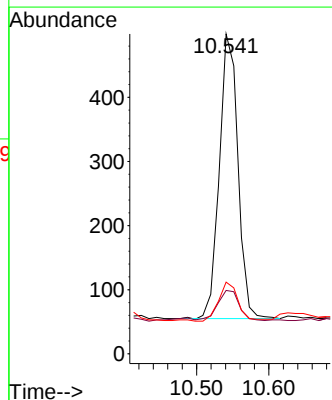
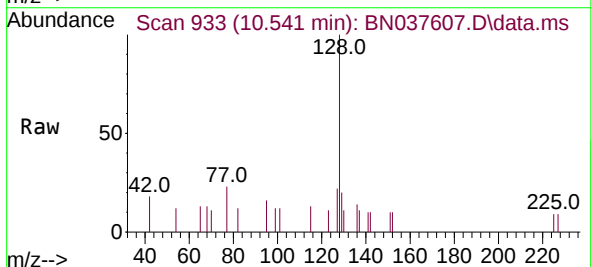
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

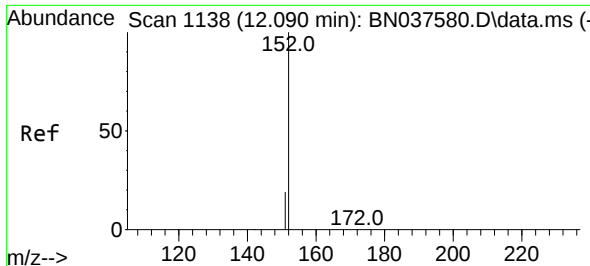
Tgt Ion:	82	Resp:	1097
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.6	48.8
54	62.0	48.9	73.3



#9
Naphthalene
Concen: 0.058 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.011 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	128	Resp:	796
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.8	14.6#
127	22.4	11.5	17.3#

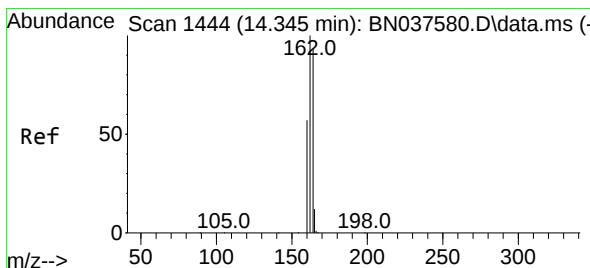
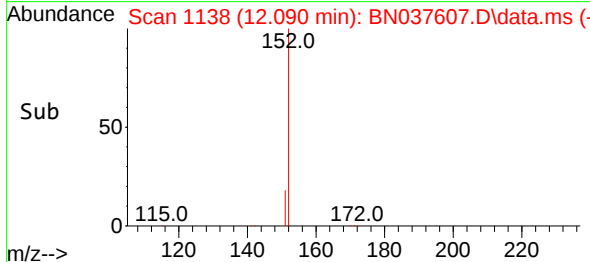
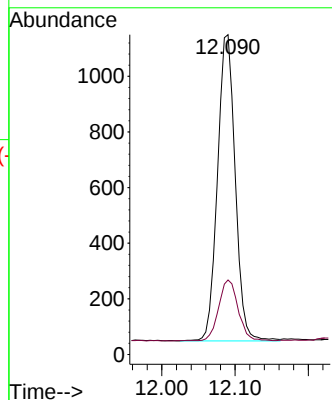
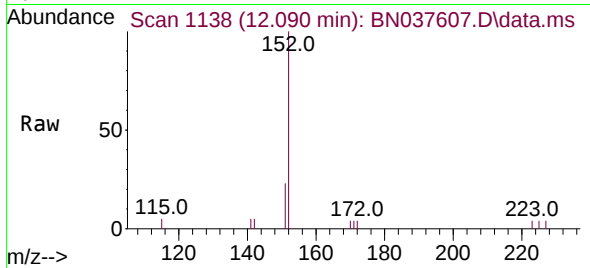




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

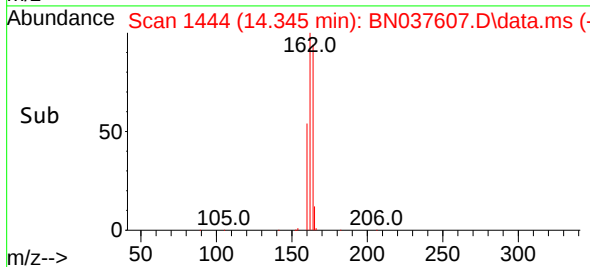
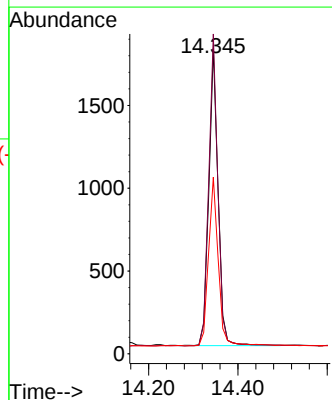
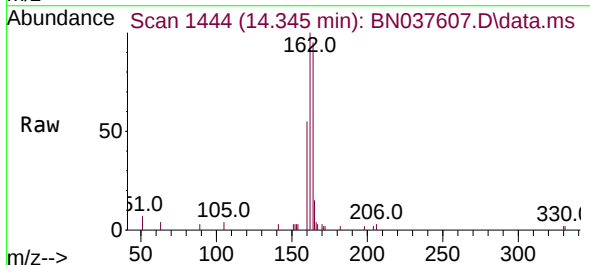
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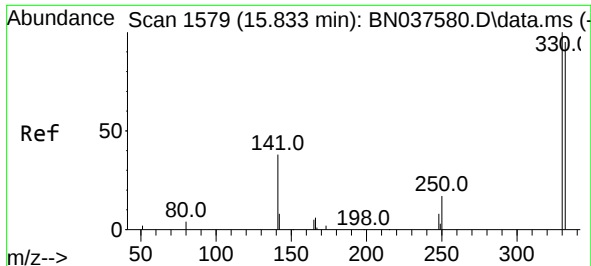
Tgt Ion:152 Resp: 1850
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:164 Resp: 2604
Ion Ratio Lower Upper
164 100
162 104.8 85.5 128.3
160 57.9 49.5 74.3

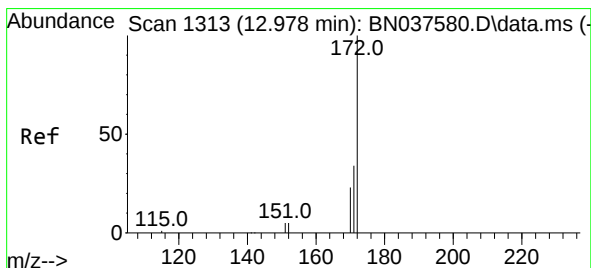
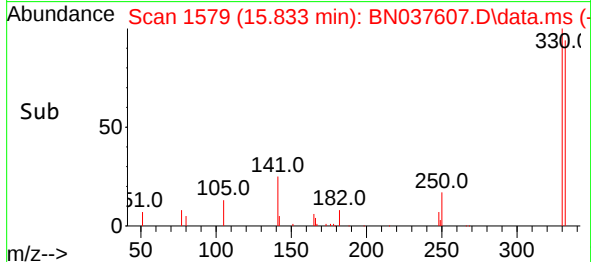
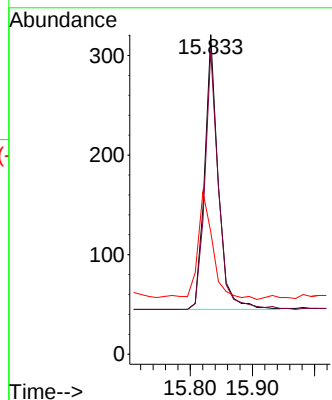
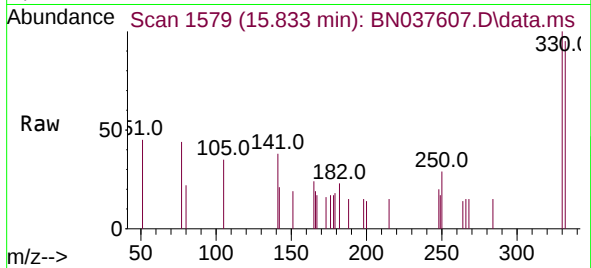




#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

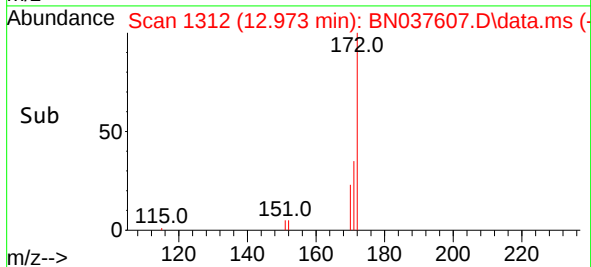
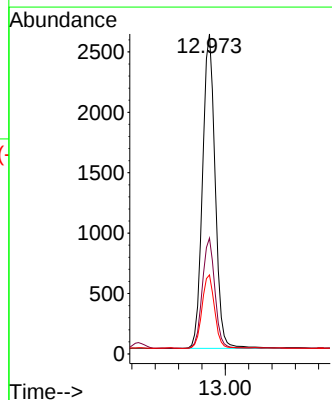
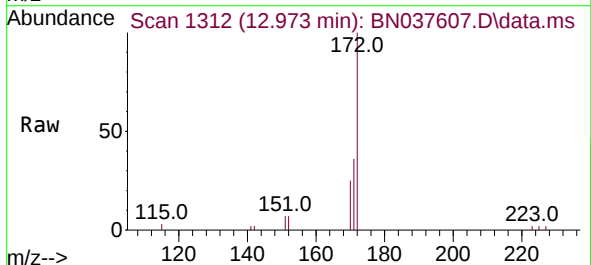
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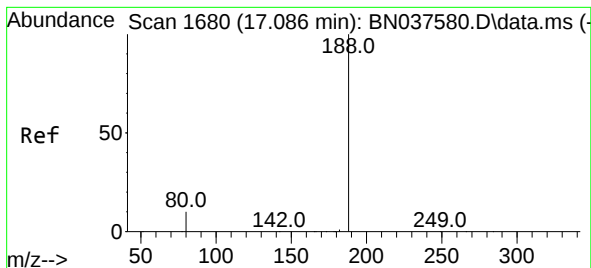
Tgt Ion:330 Resp: 419
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 44.6 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:172 Resp: 5251
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.4
170 24.7 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

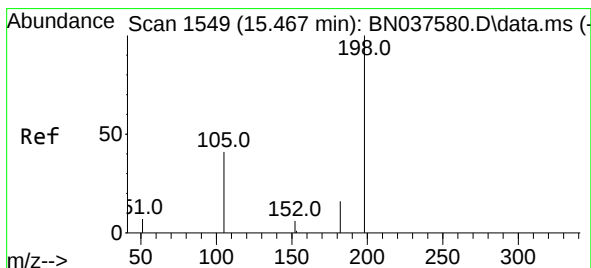
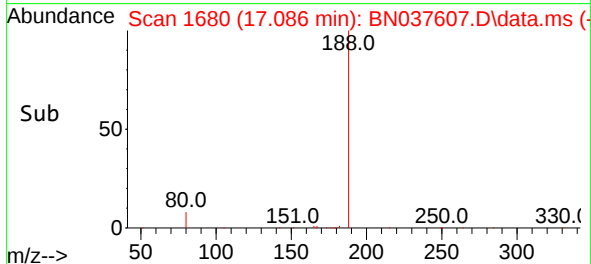
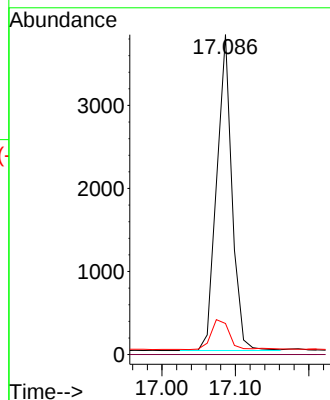
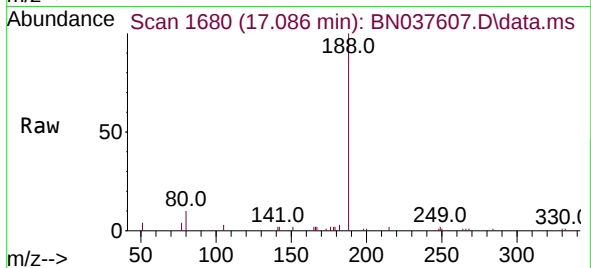
Instrument :

BNA_N

ClientSampleId :

MW-06-6.5-08122025

Tgt Ion:188	Resp:	5518
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.7	13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.191 ng

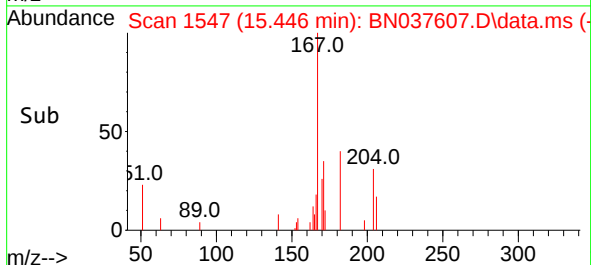
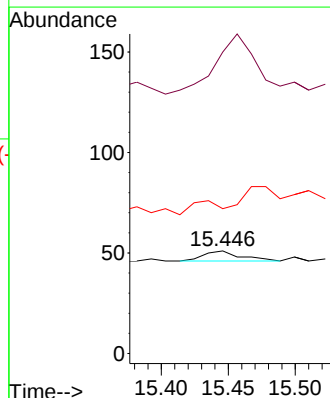
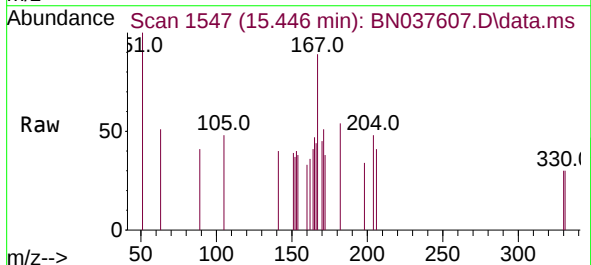
RT: 15.446 min Scan# 1547

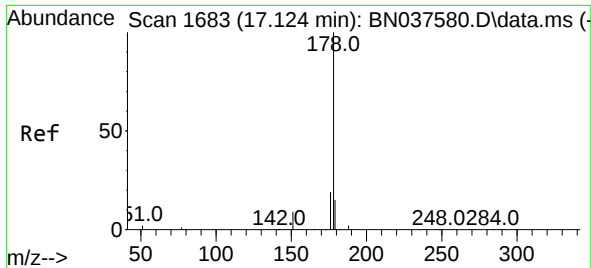
Delta R.T. -0.021 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

Tgt Ion:198	Resp:	10
Ion Ratio	Lower	Upper
198	100	
51	294.1	81.0
105	141.2	52.5

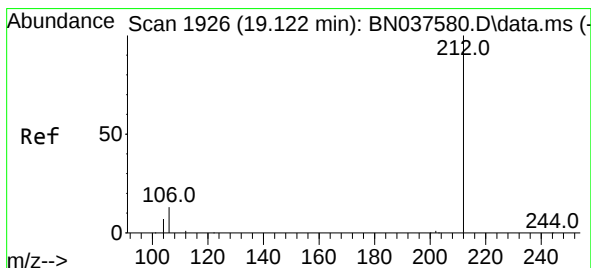
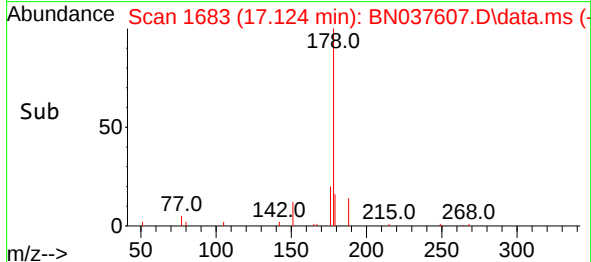
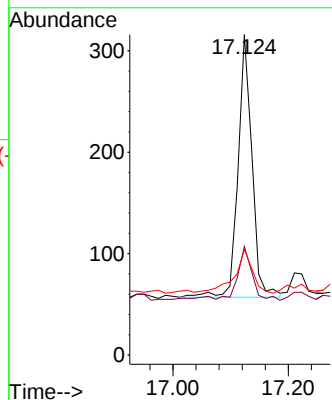
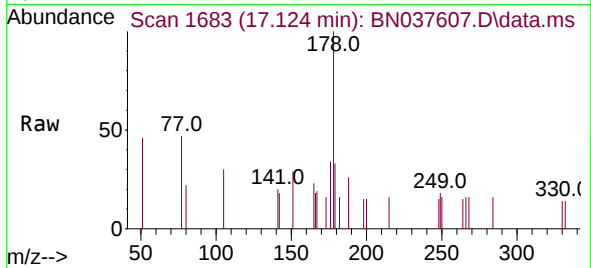




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

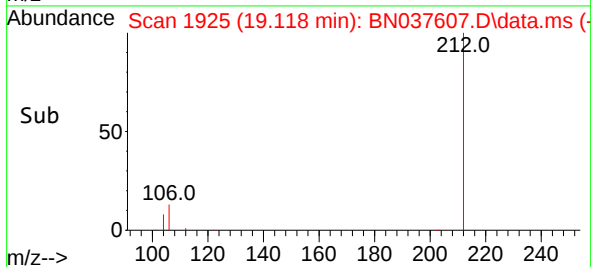
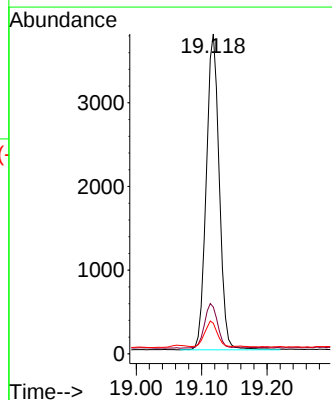
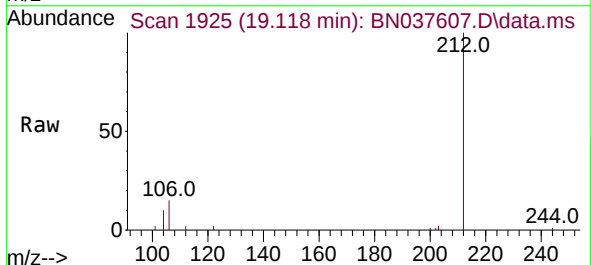
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

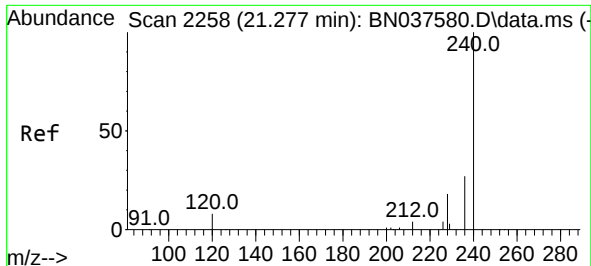
Tgt Ion:178 Resp: 436
Ion Ratio Lower Upper
178 100
176 20.9 15.0 22.6
179 21.6 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:212 Resp: 5180
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 7.7 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

Instrument :

BNA_N

ClientSampleId :

MW-06-6.5-08122025

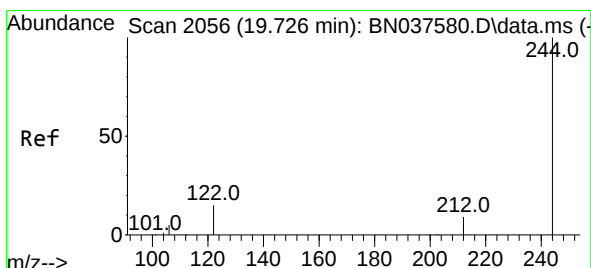
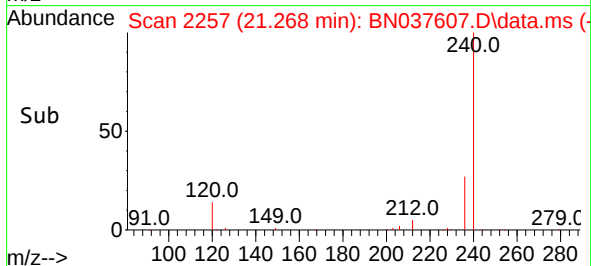
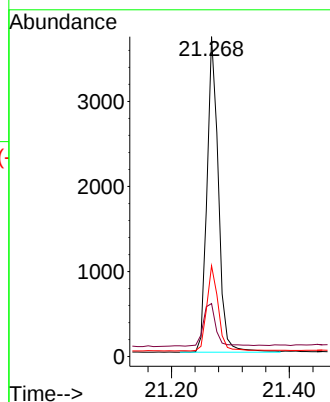
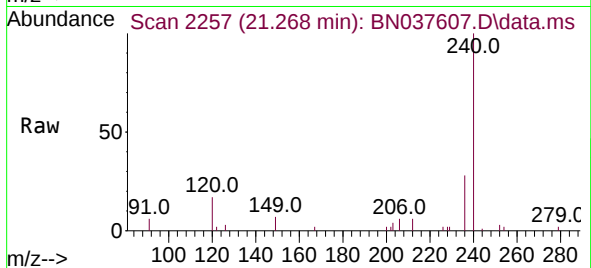
Tgt Ion:240 Resp: 4981

Ion Ratio Lower Upper

240 100

120 16.6 8.9 13.3#

236 28.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.430 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

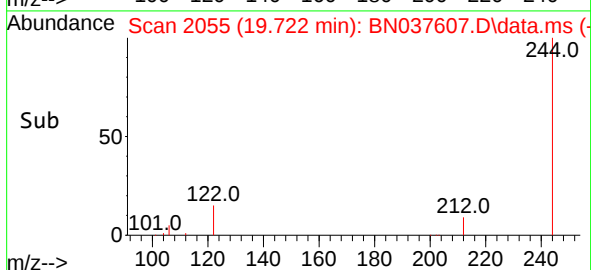
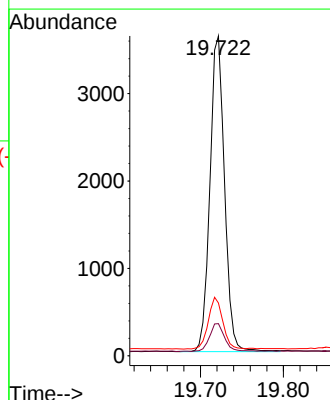
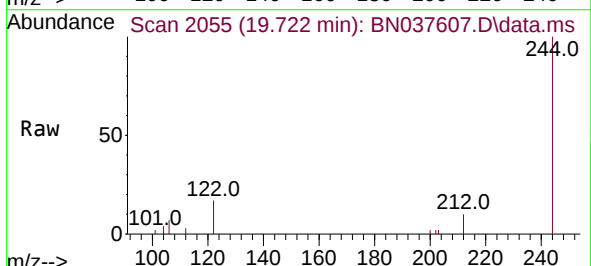
Tgt Ion:244 Resp: 4411

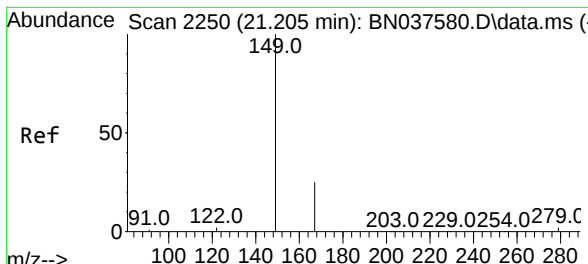
Ion Ratio Lower Upper

244 100

212 10.1 8.2 12.2

122 16.5 13.2 19.8

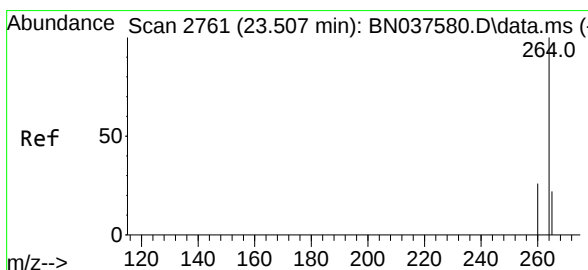
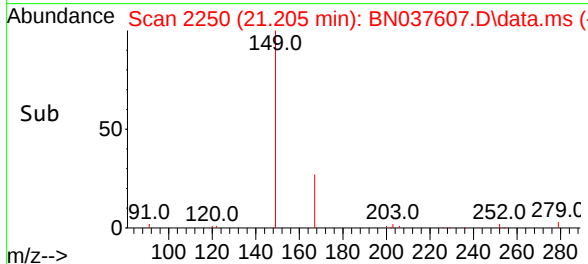
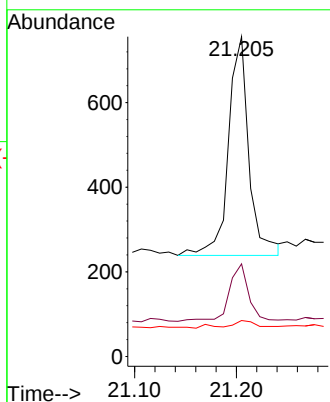
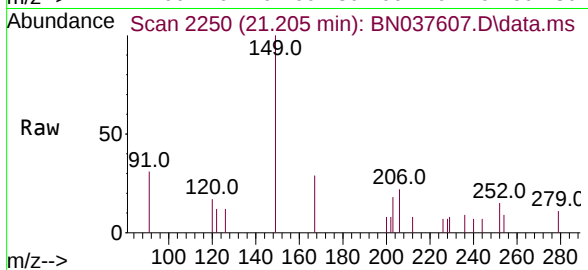




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.205 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-08122025

Tgt Ion:	149	Resp:	727
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.5	30.7
279	2.5	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.505 min Scan# 2760
 Delta R.T. -0.003 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

Tgt Ion:	264	Resp:	4415
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.6	32.4
265	69.5	48.2	72.4

