

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037602.D
 Acq On : 19 Aug 2025 11:52
 Operator : RC/JU
 Sample : Q2842-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90.4-08122025

Quant Time: Aug 20 01:24:54 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)

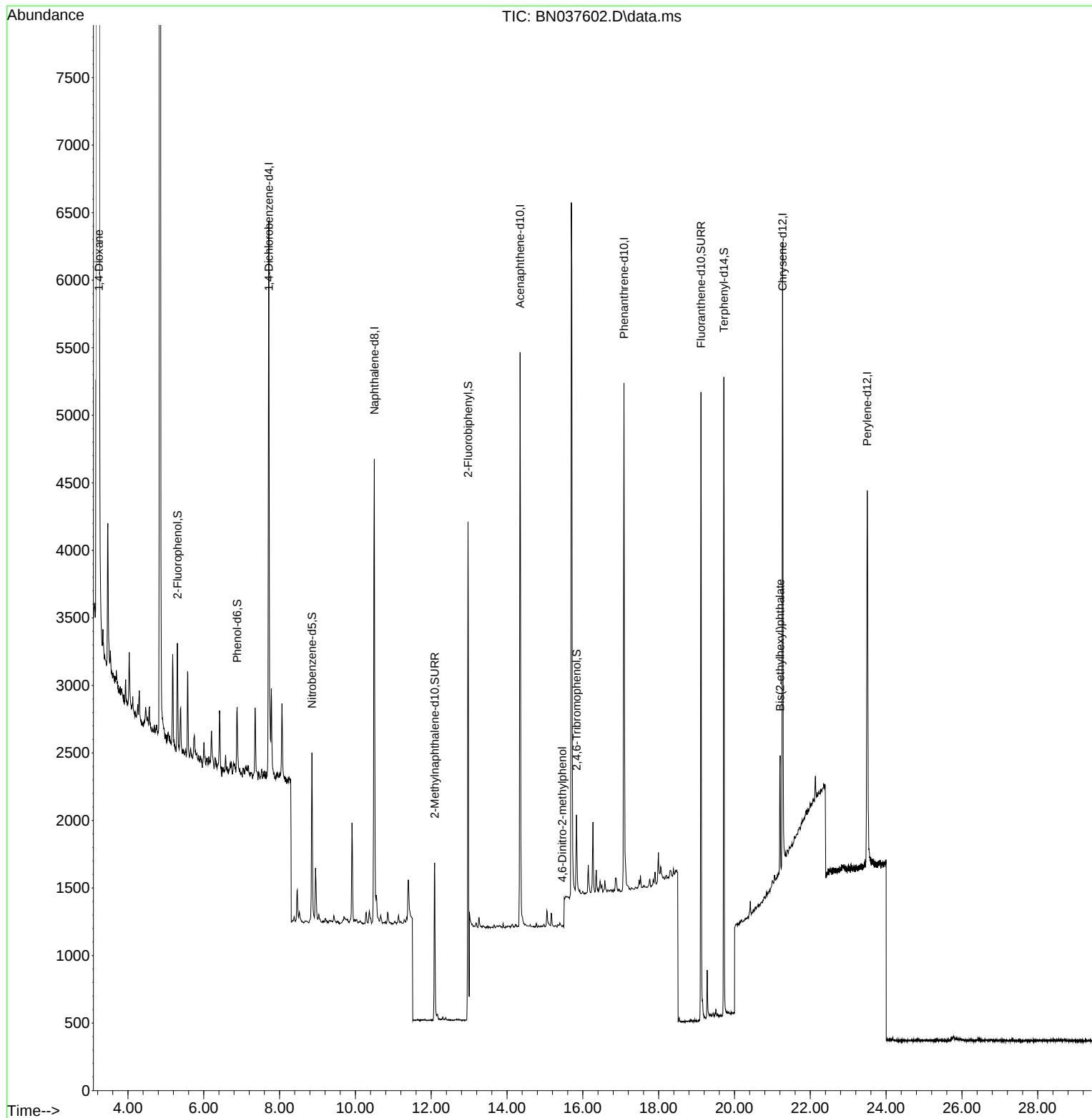
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1956	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4779	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2382	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5089	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4467	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3954	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	582	0.131	ng	0.00
5) Phenol-d6	6.879	99	403	0.076	ng	0.00
8) Nitrobenzene-d5	8.854	82	999	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1716	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	359	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4796	0.348	ng	0.00
27) Fluoranthene-d10	19.118	212	5055	0.378	ng	0.00
31) Terphenyl-d14	19.722	244	4519	0.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	11619	6.209	ng	99
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.182	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	895	0.145	ng	# 98

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

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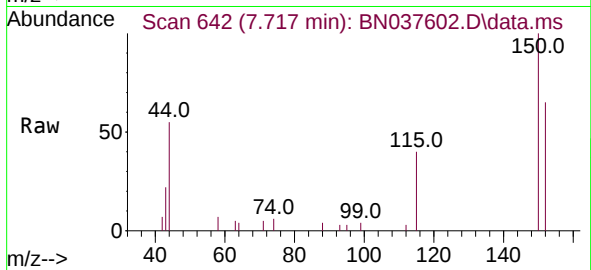
Quant Time: Aug 20 01:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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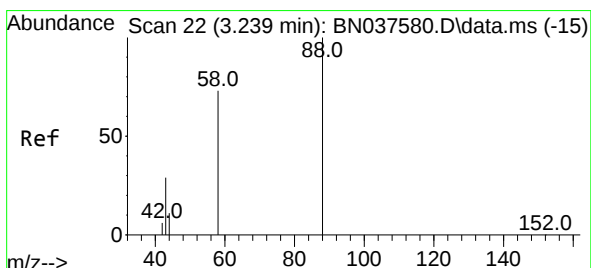
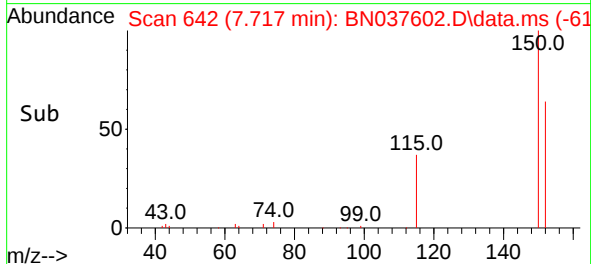
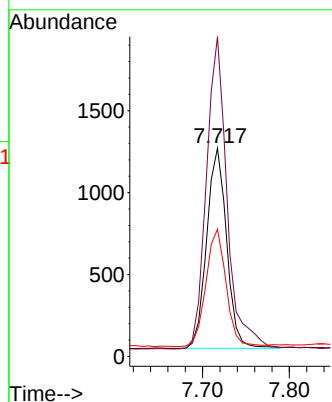


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037602.D
 Acq: 19 Aug 2025 11:52

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90.4-08122025

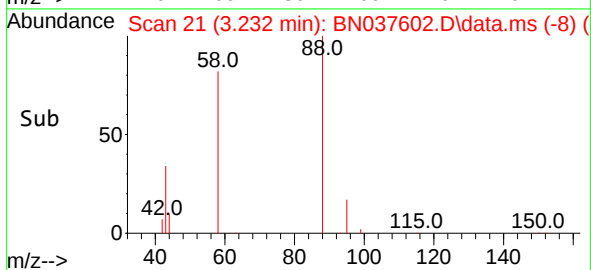
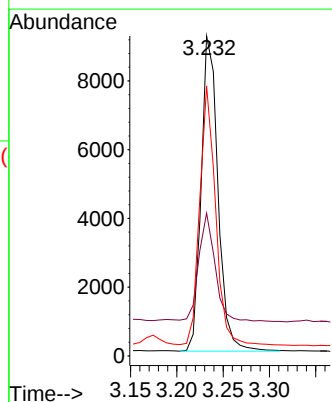
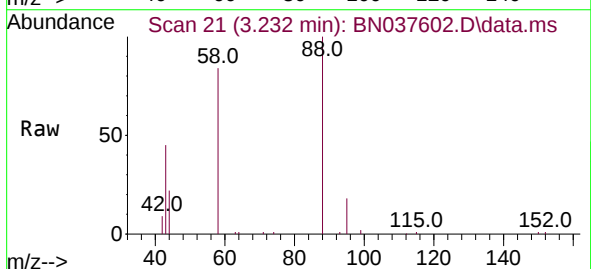


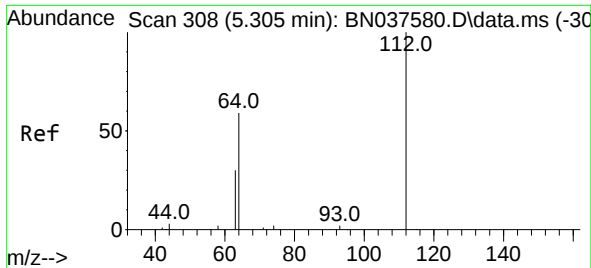
Tgt Ion: 152 Resp: 1956
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.2 183.4
 115 61.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 6.209 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037602.D
 Acq: 19 Aug 2025 11:52

Tgt Ion: 88 Resp: 11619
 Ion Ratio Lower Upper
 88 100
 43 33.2 25.8 38.6
 58 77.0 61.2 91.8

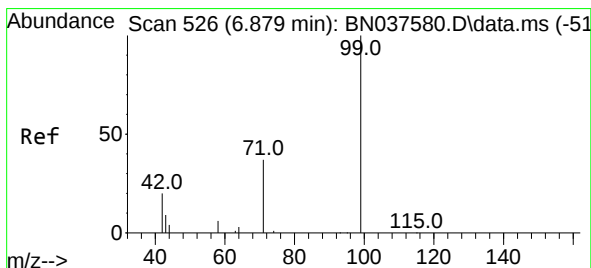
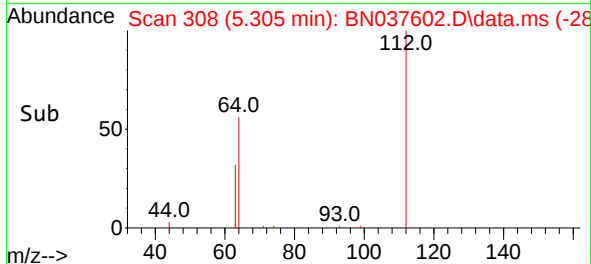
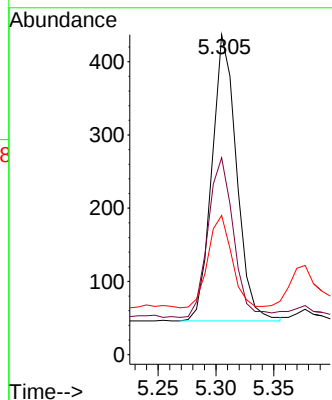
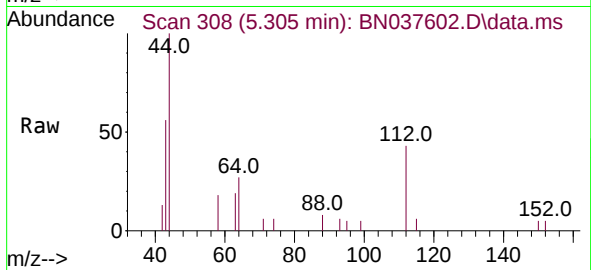




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

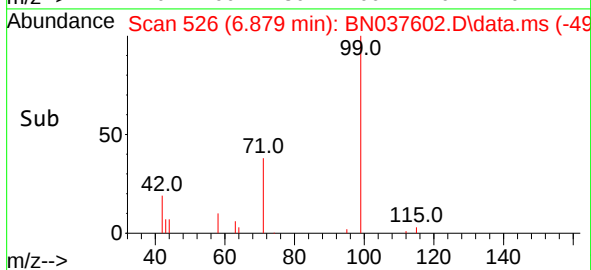
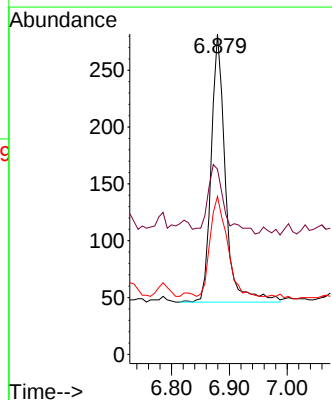
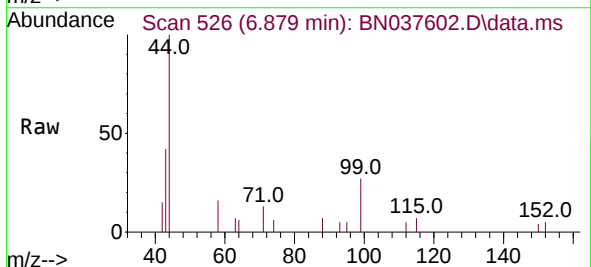
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

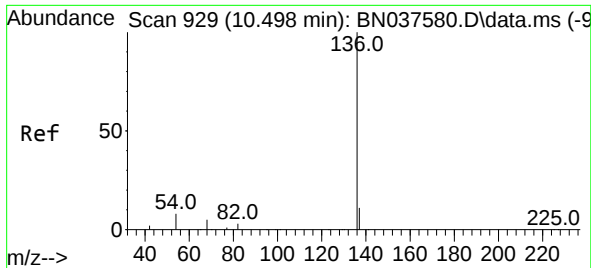
Tgt Ion:	112	Resp:	582
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.9	67.3
63	31.1	23.4	35.2



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:	99	Resp:	403
Ion	Ratio	Lower	Upper
99	100		
42	29.8	18.5	27.7#
71	46.9	28.6	42.8#

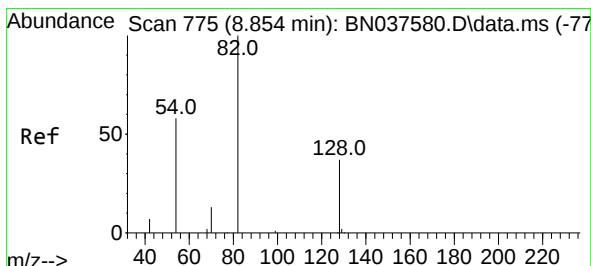
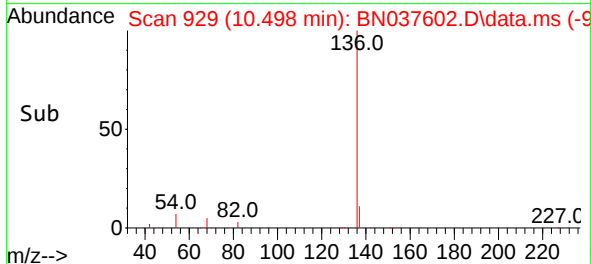
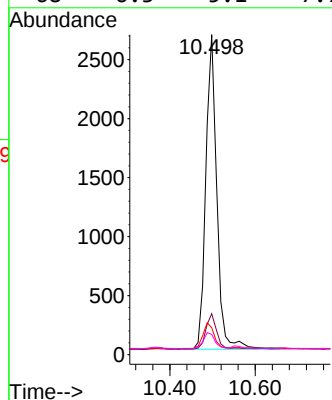
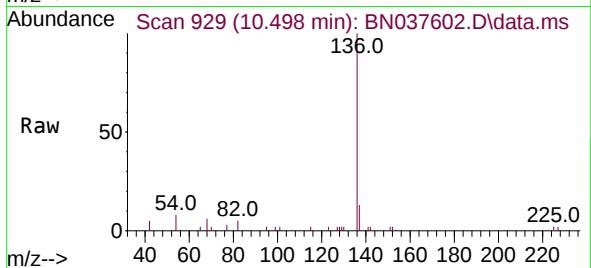




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

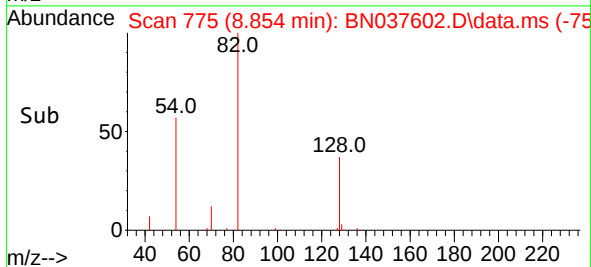
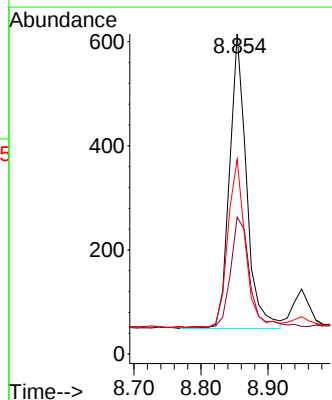
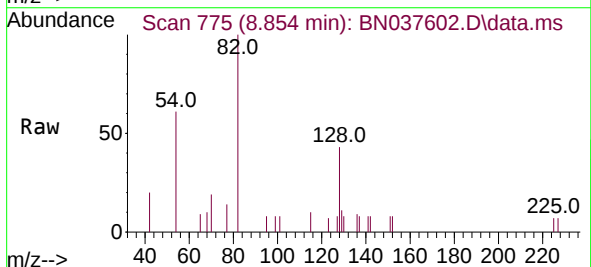
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

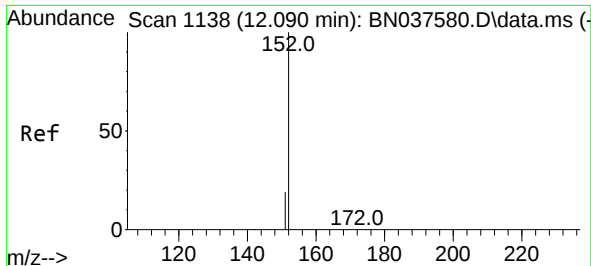
Tgt Ion:	136	Resp:	4779
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	8.4	7.3	10.9
68	6.3	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:	82	Resp:	999
Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.6	48.8
54	60.8	48.9	73.3

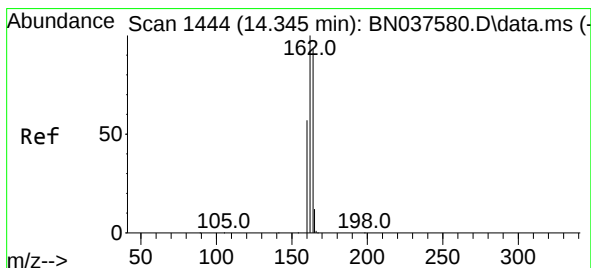
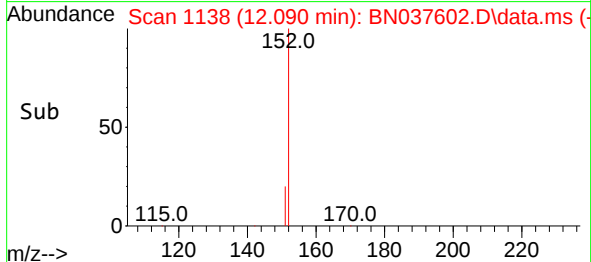
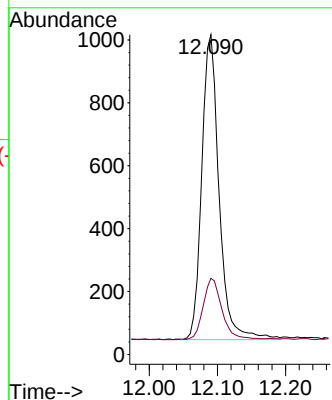
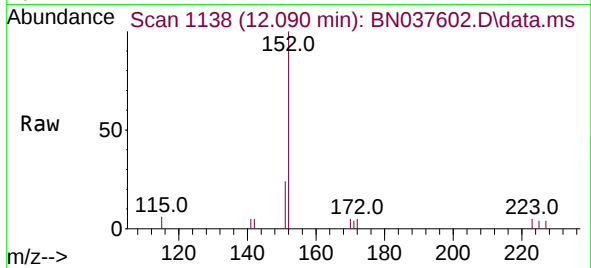




#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

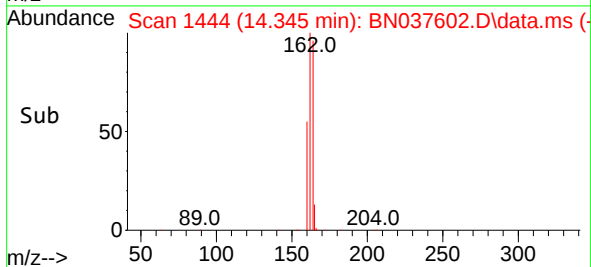
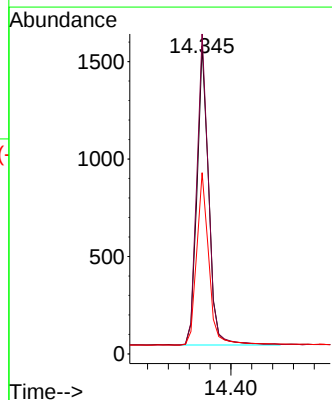
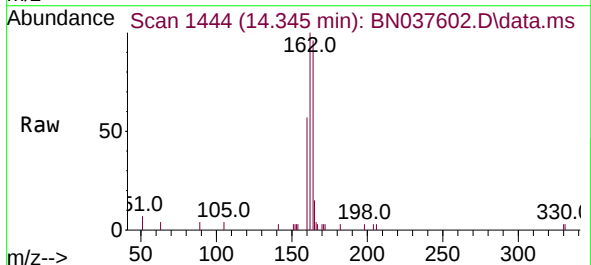
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

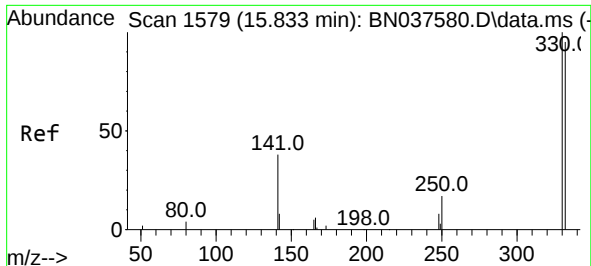
Tgt Ion:152 Resp: 1716
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
162 103.9 85.5 128.3
160 58.9 49.5 74.3





#14

2,4,6-Tribromophenol

Concen: 0.344 ng

RT: 15.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025

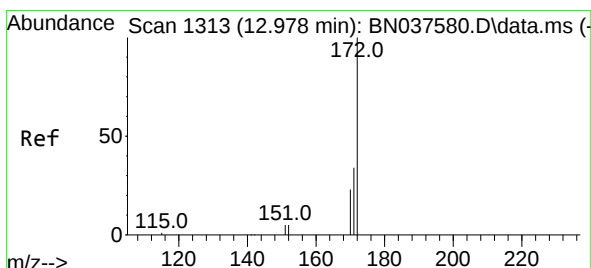
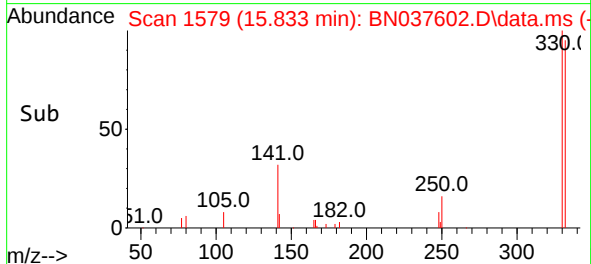
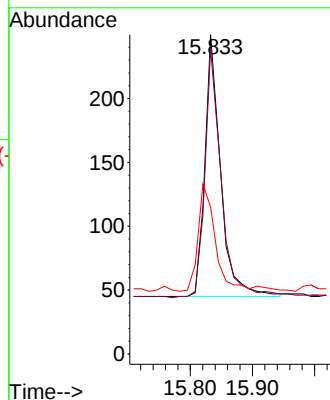
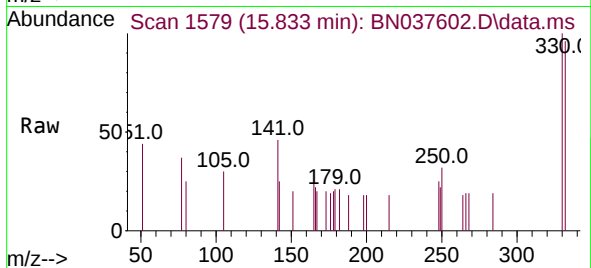
Tgt Ion:330 Resp: 359

Ion Ratio Lower Upper

330 100

332 100.8 77.4 116.0

141 46.8 30.9 46.3#



#15

2-Fluorobiphenyl

Concen: 0.348 ng

RT: 12.973 min Scan# 1312

Delta R.T. -0.005 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

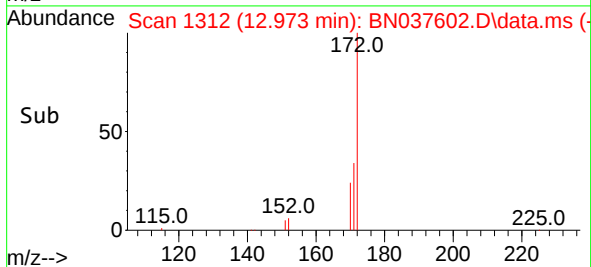
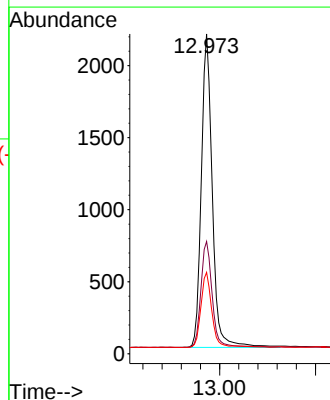
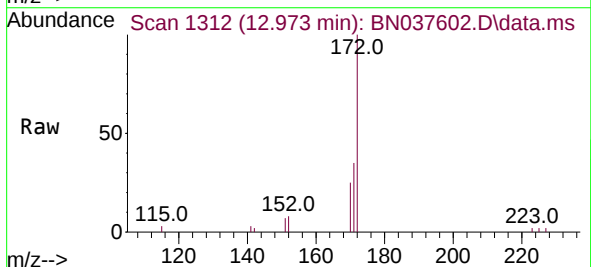
Tgt Ion:172 Resp: 4796

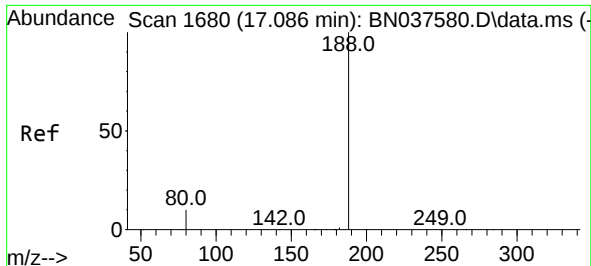
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 25.5 19.2 28.8

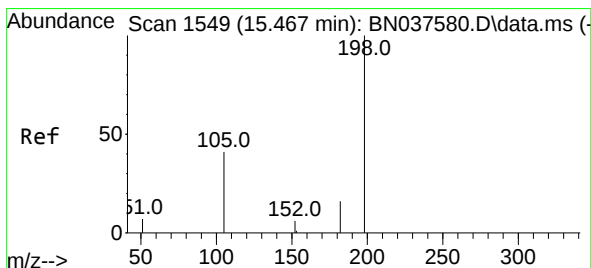
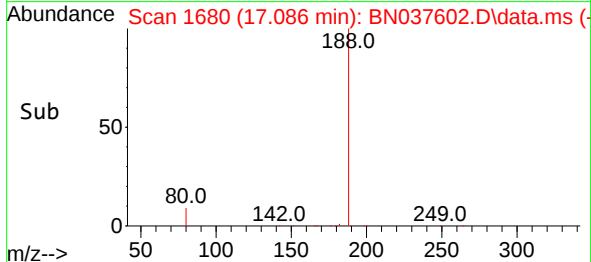
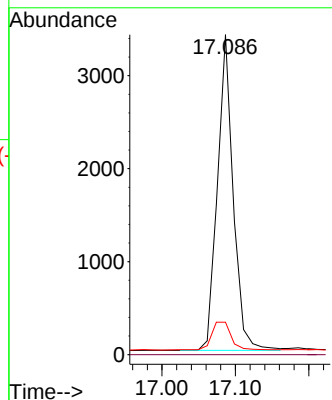
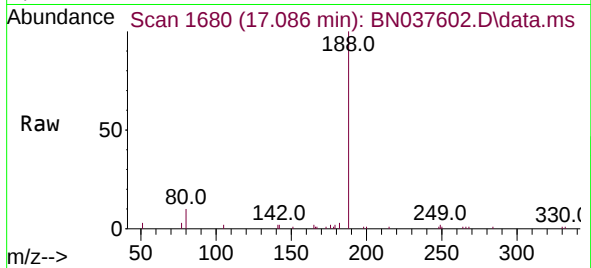




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

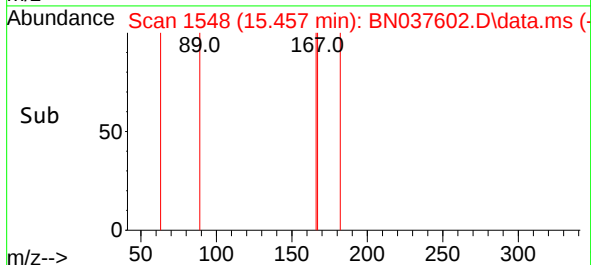
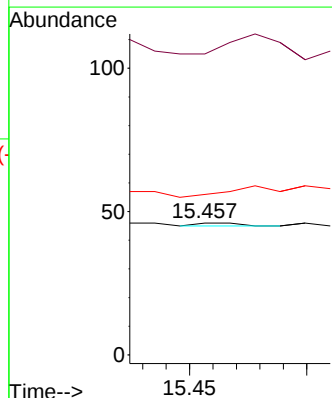
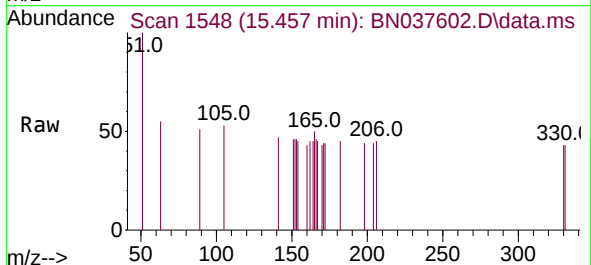
Instrument :
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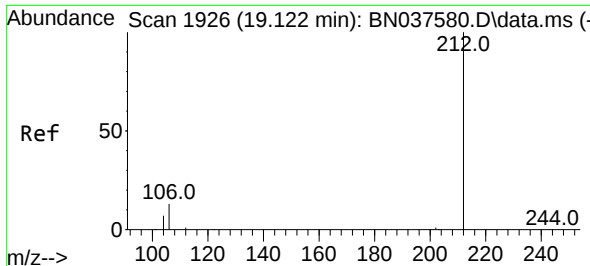
Tgt Ion:188 Resp: 5089
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.1 13.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 228.3 81.0 121.6#
105 121.7 52.5 78.7#

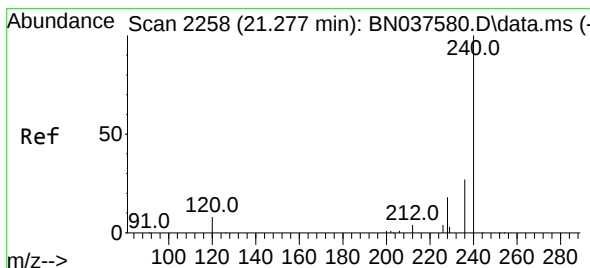
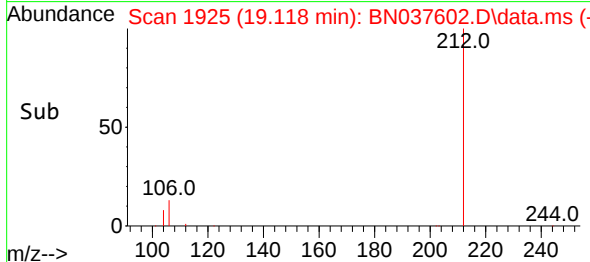
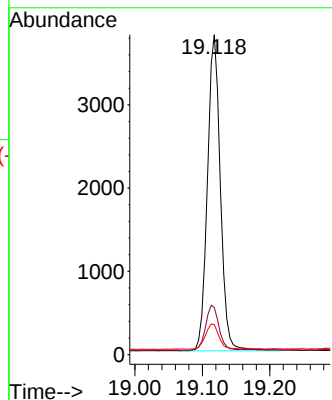
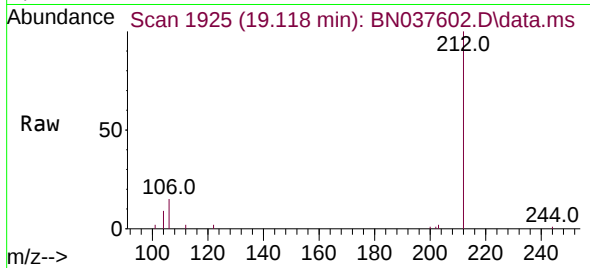




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

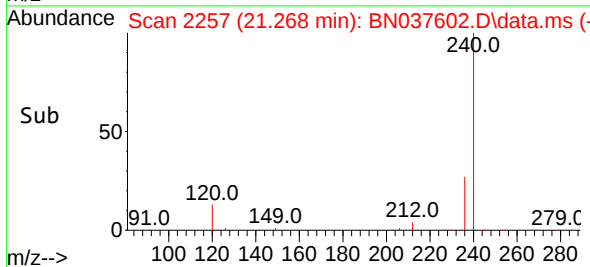
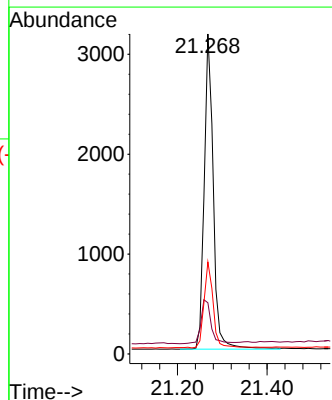
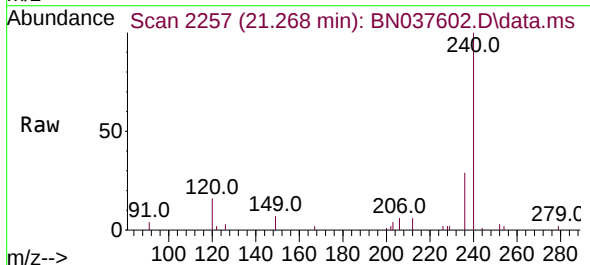
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

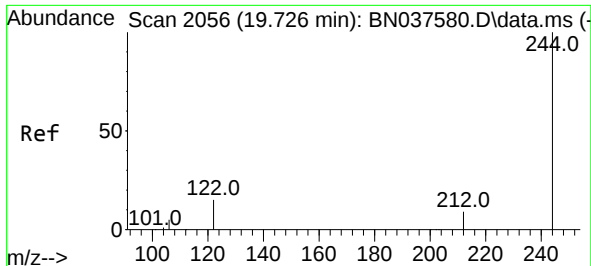
Tgt Ion:212 Resp: 5055
Ion Ratio Lower Upper
212 100
106 14.9 11.5 17.3
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:240 Resp: 4467
Ion Ratio Lower Upper
240 100
120 16.0 8.9 13.3#
236 28.7 22.6 33.8

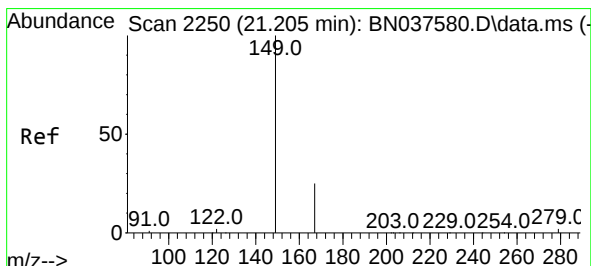
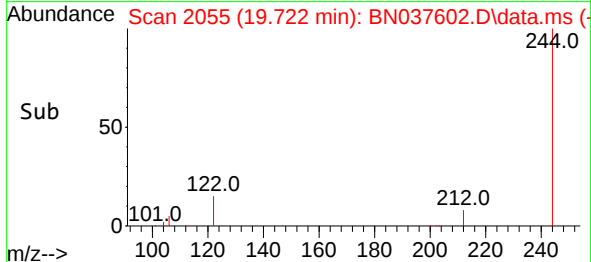
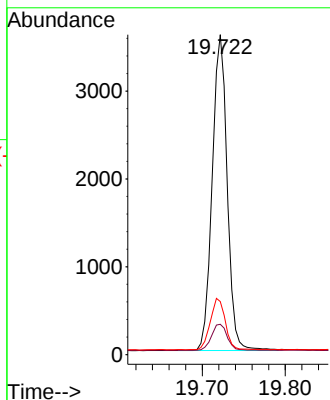
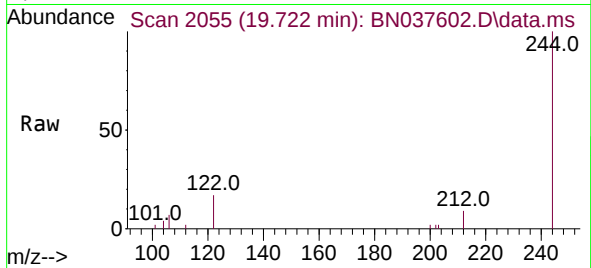




#31
 Terphenyl-d14
 Concen: 0.492 ng
 RT: 19.722 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037602.D
 Acq: 19 Aug 2025 11:52

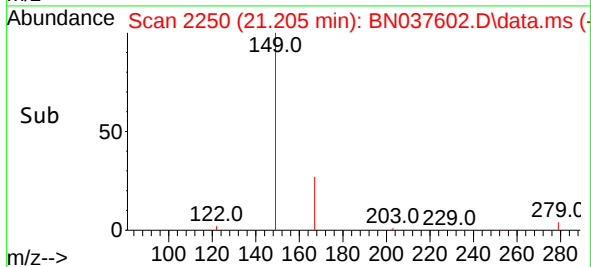
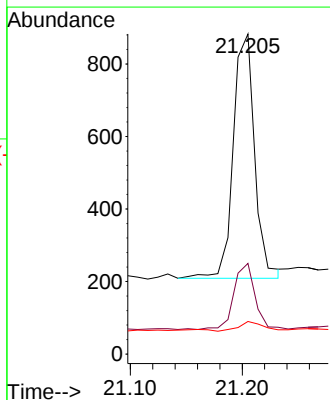
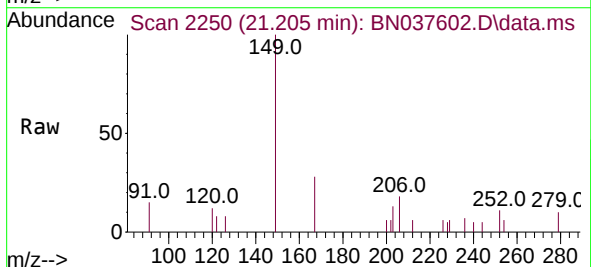
Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90.4-08122025

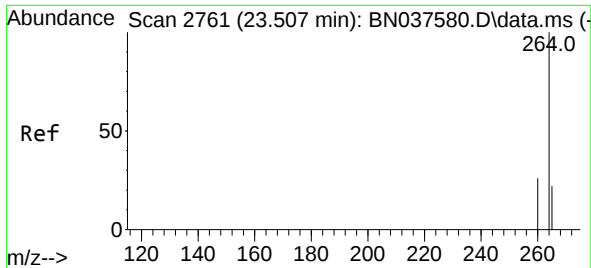
Tgt Ion:244 Resp: 4519
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.2
 122 16.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.145 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: BN037602.D
 Acq: 19 Aug 2025 11:52

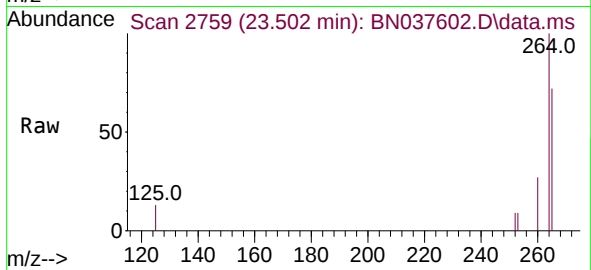
Tgt Ion:149 Resp: 895
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.5 30.7
 279 4.7 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037602.D
 Acq: 19 Aug 2025 11:52

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90.4-08122025



Tgt Ion: 264 Resp: 3954

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.6	32.4
265	71.8	48.2	72.4

