

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037243.D
 Acq On : 14 Jun 2025 01:44
 Operator : RC/JU
 Sample : Q2263-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20250606

Quant Time: Jun 14 04:13:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

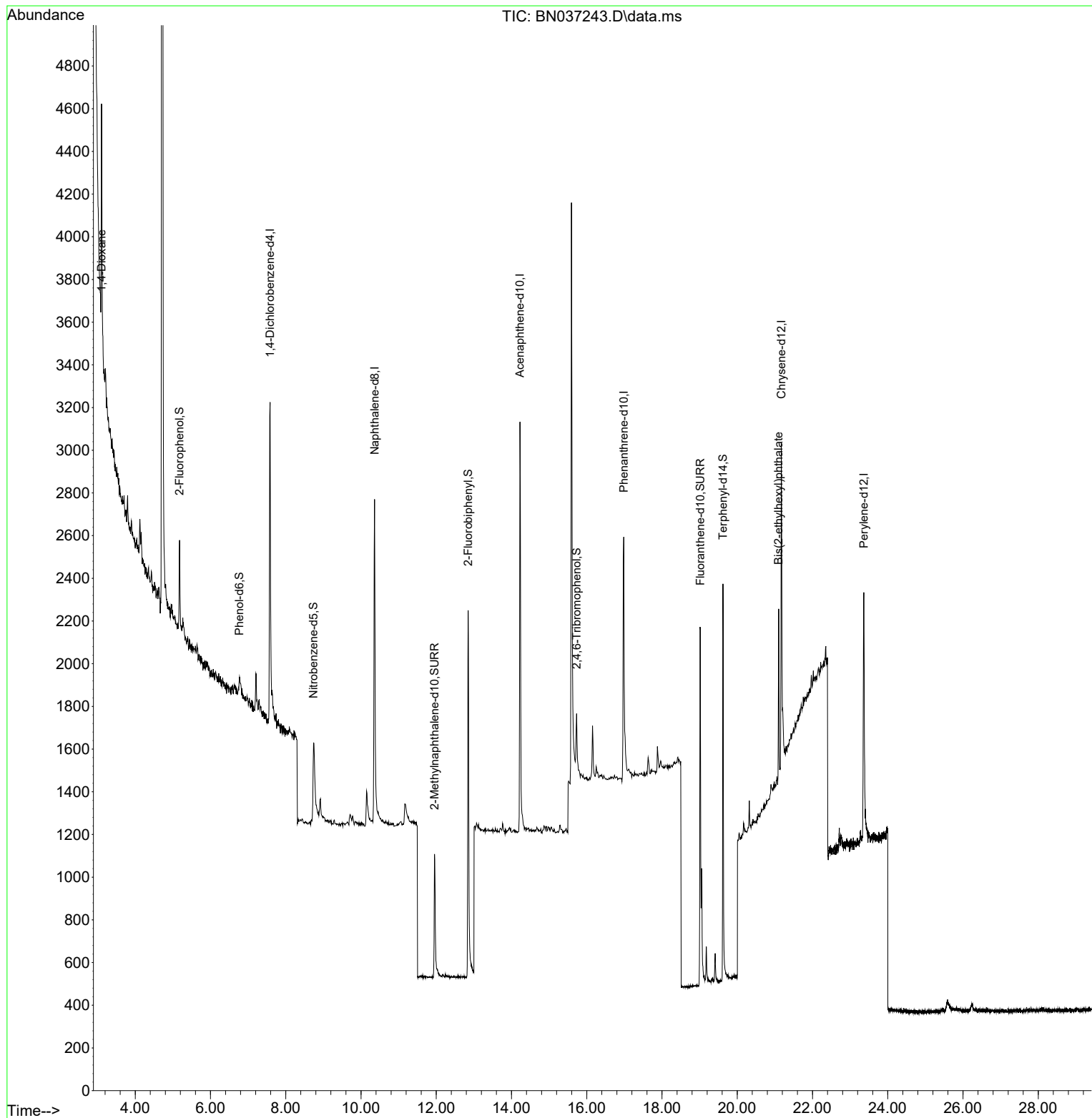
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	932	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2363	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1257	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2205	0.400	ng	0.01
29) Chrysene-d12	21.171	240	1783	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1754	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	320	0.140	ng	0.00
5) Phenol-d6	6.766	99	159	0.066	ng	0.00
8) Nitrobenzene-d5	8.739	82	640	0.274	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1033	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	184	0.352	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1964	0.372	ng	0.00
27) Fluoranthene-d10	19.017	212	2357	0.409	ng	0.00
31) Terphenyl-d14	19.621	244	2010	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	505	0.395	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.099	149	759	0.169	ng	# 96

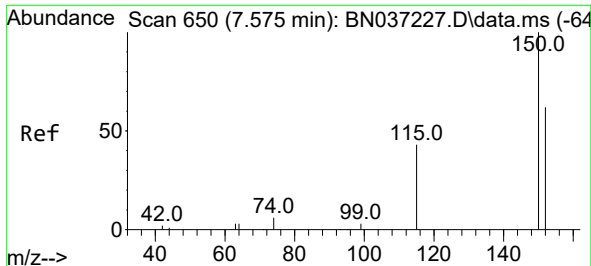
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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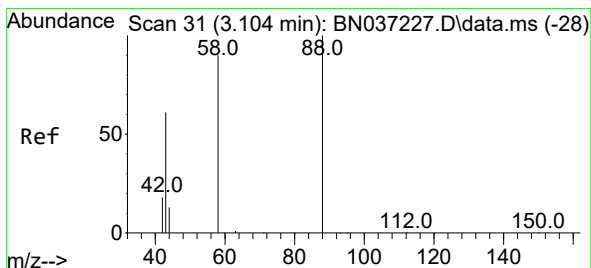
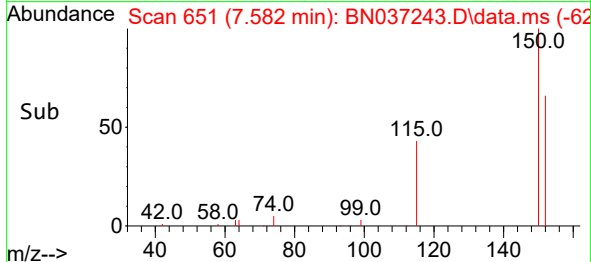
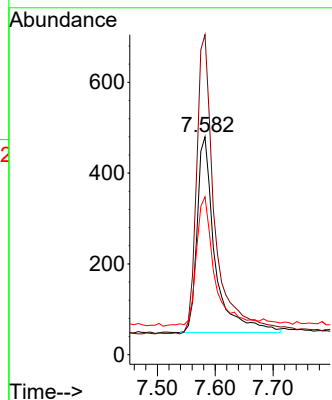
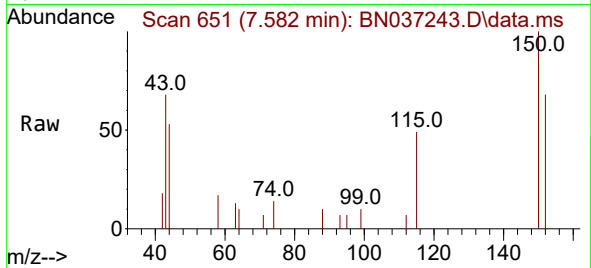




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

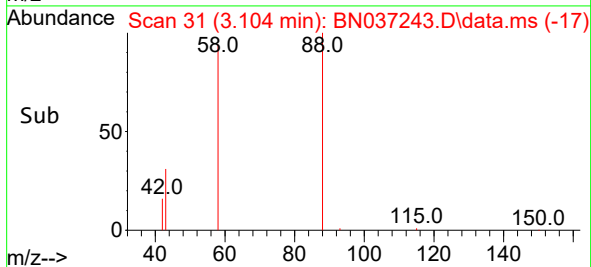
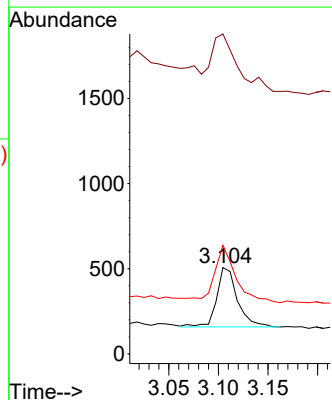
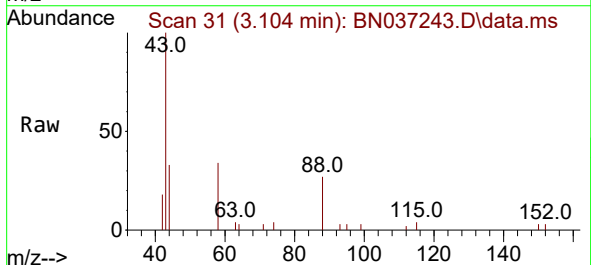
Instrument :
BNA_N
ClientSampleId :
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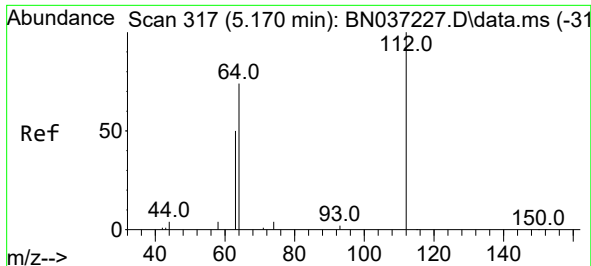
Tgt Ion:152 Resp: 932
Ion Ratio Lower Upper
152 100
150 146.9 125.2 187.8
115 72.5 58.4 87.6



#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion: 88 Resp: 505
Ion Ratio Lower Upper
88 100
43 129.9 52.6 79.0#
58 101.0 73.5 110.3

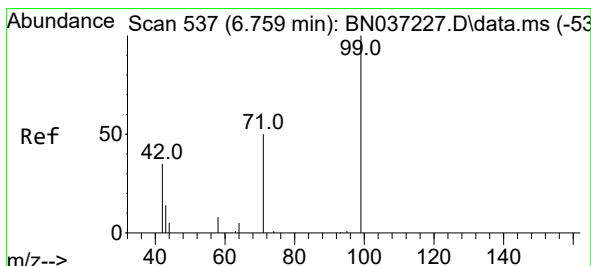
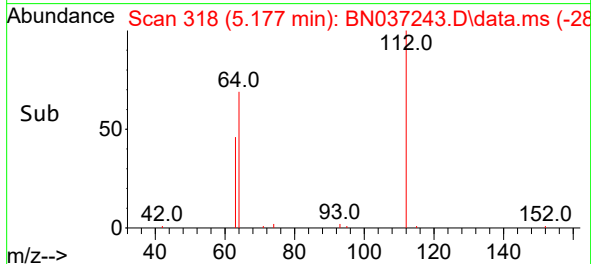
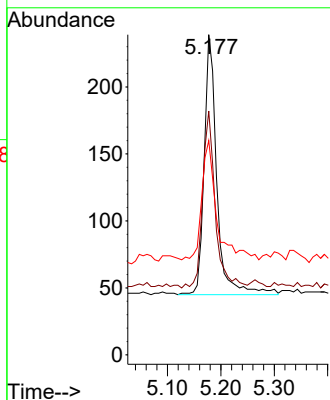
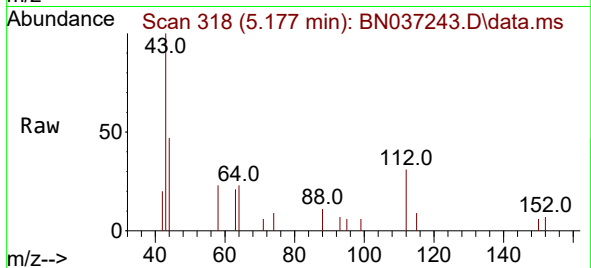




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

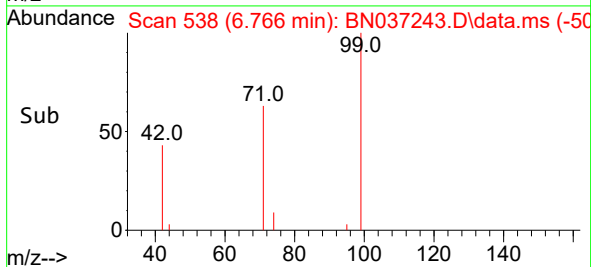
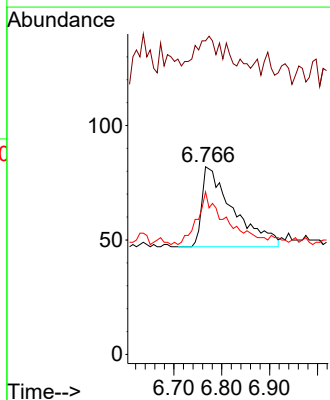
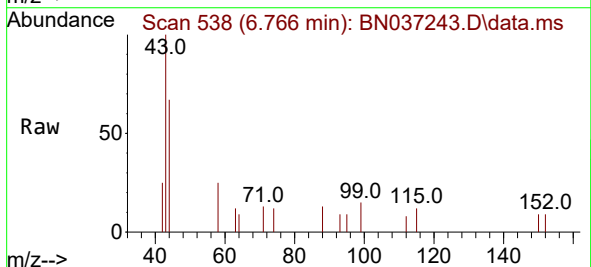
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20250606

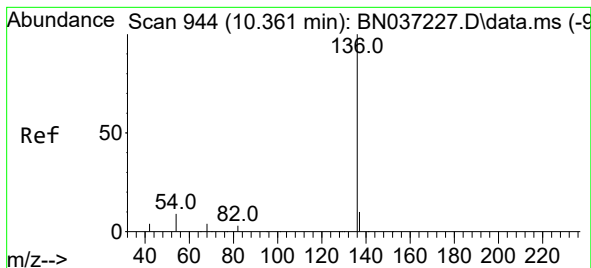
Tgt Ion:112 Resp: 320
Ion Ratio Lower Upper
112 100
64 68.1 57.2 85.8
63 53.1 39.8 59.6



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion: 99 Resp: 159
Ion Ratio Lower Upper
99 100
42 30.8 36.2 54.4#
71 60.4 42.4 63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.362 min Scan# 944

Delta R.T. 0.000 min

Lab File: BN037243.D

Acq: 14 Jun 2025 01:44

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20250606

Tgt Ion:136 Resp: 2363

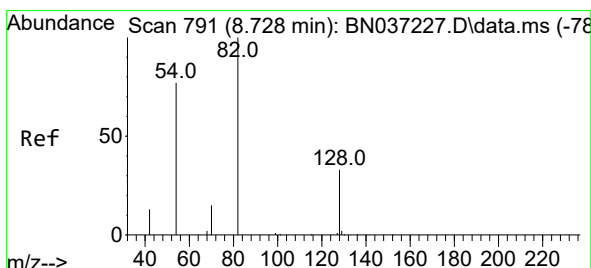
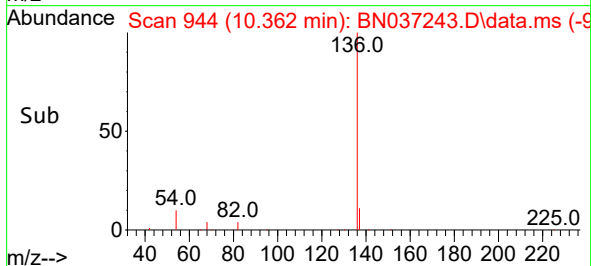
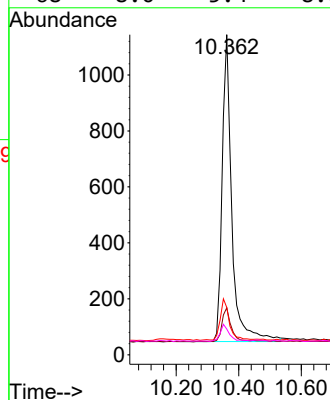
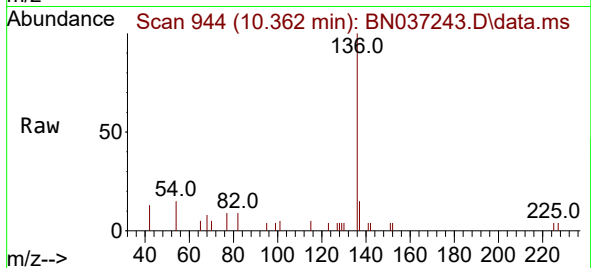
Ion Ratio Lower Upper

136 100

137 14.7 10.6 15.8

54 14.8 9.2 13.8#

68 8.0 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.274 ng

RT: 8.739 min Scan# 792

Delta R.T. 0.011 min

Lab File: BN037243.D

Acq: 14 Jun 2025 01:44

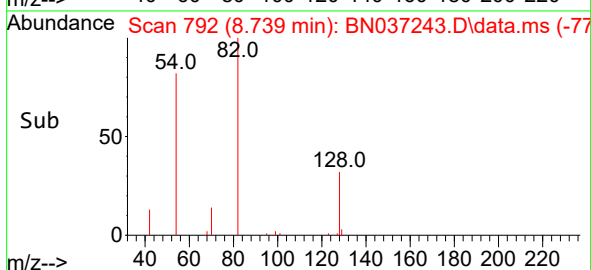
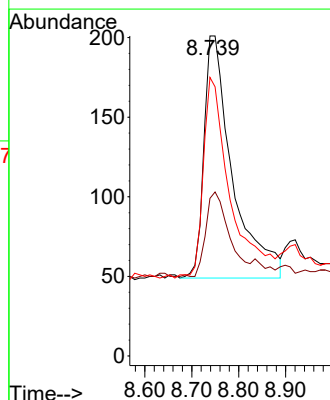
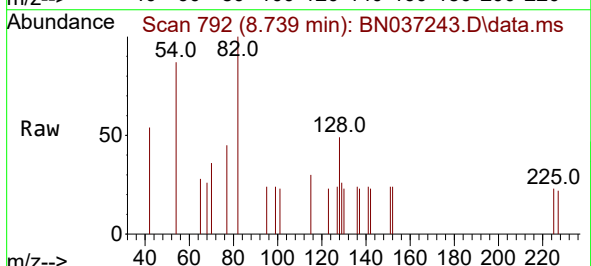
Tgt Ion: 82 Resp: 640

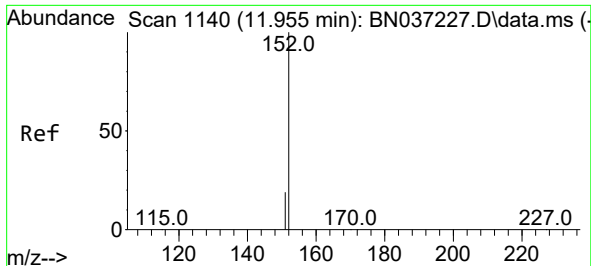
Ion Ratio Lower Upper

82 100

128 49.3 31.2 46.8#

54 87.1 63.3 94.9

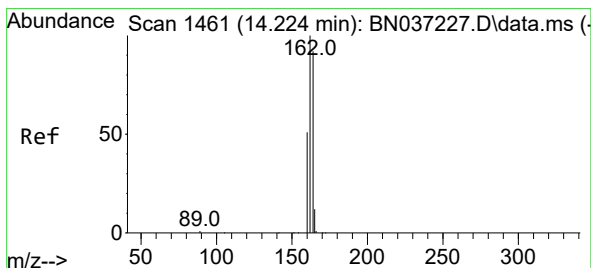
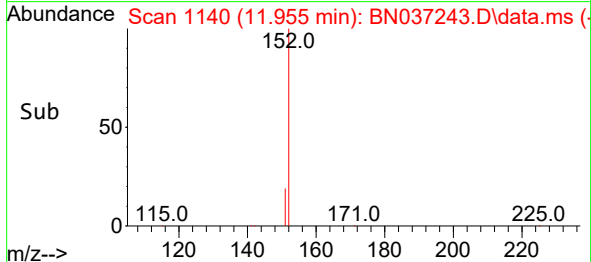
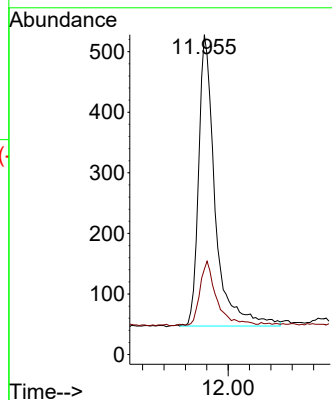
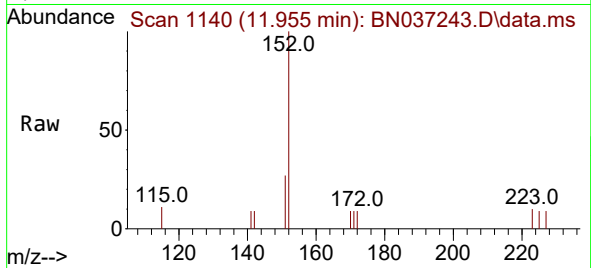




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

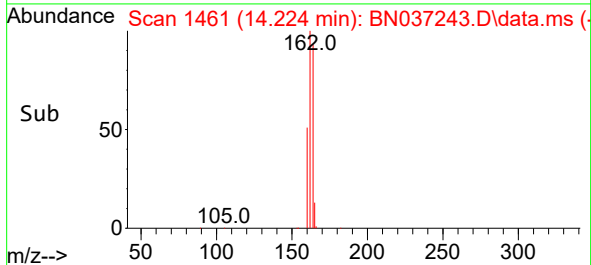
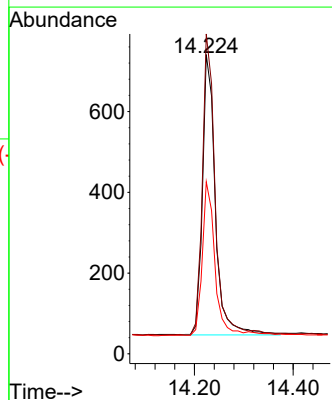
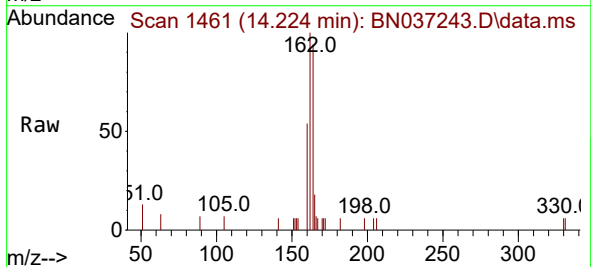
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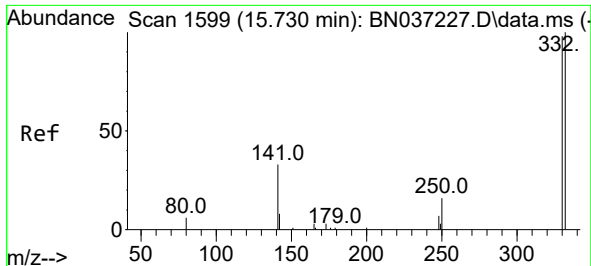
Tgt Ion:152 Resp: 1033
Ion Ratio Lower Upper
152 100
151 21.5 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion:164 Resp: 1257
Ion Ratio Lower Upper
164 100
162 106.9 86.7 130.1
160 57.5 45.8 68.6

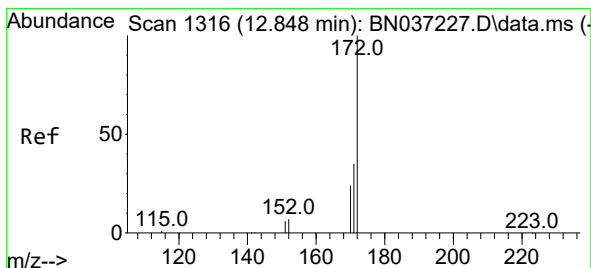
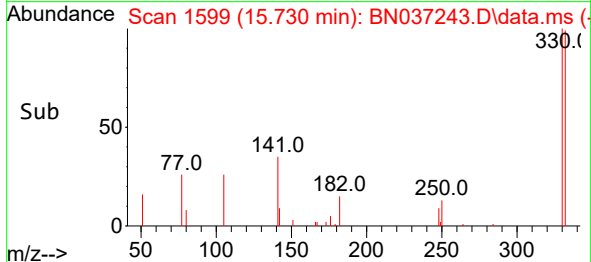
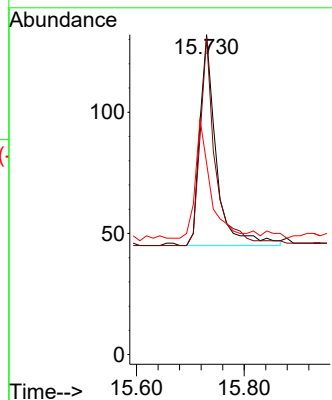
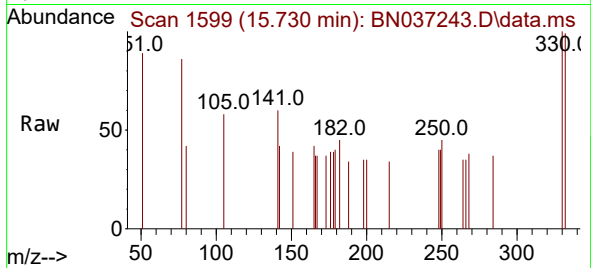




#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

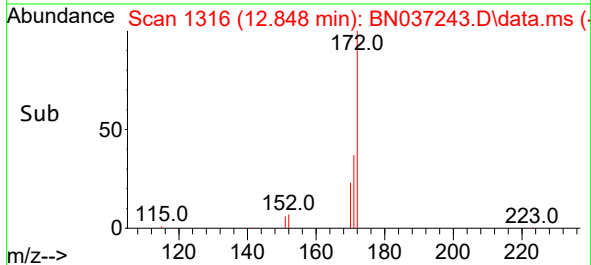
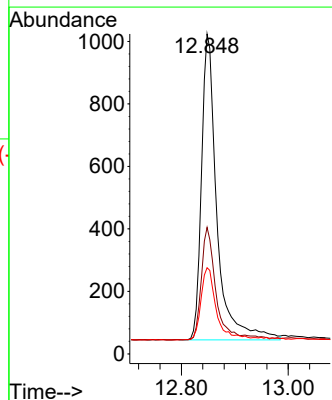
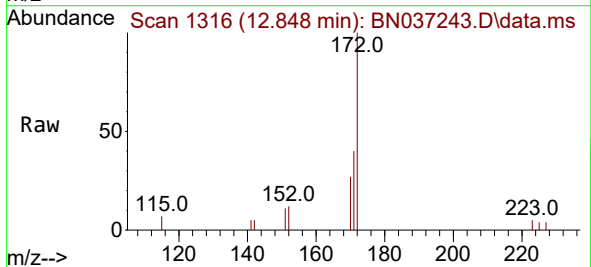
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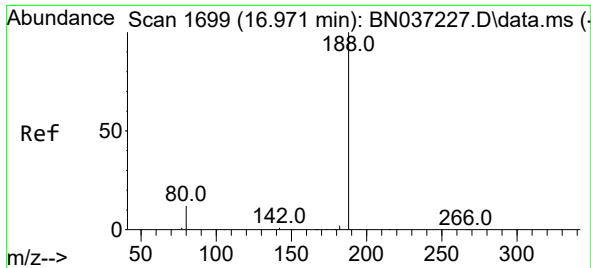
Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 90.2 74.9 112.3
141 52.2 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion:172 Resp: 1964
Ion Ratio Lower Upper
172 100
171 39.6 29.8 44.8
170 27.0 21.1 31.7

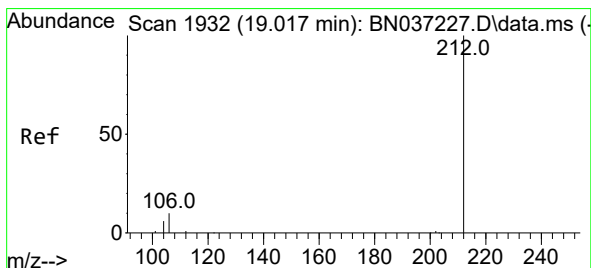
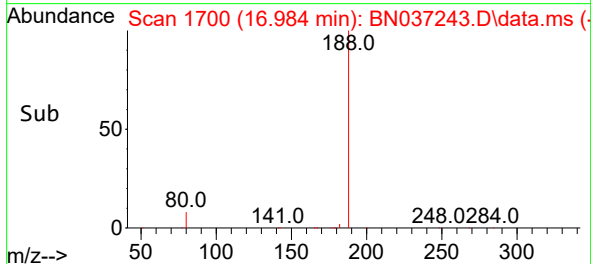
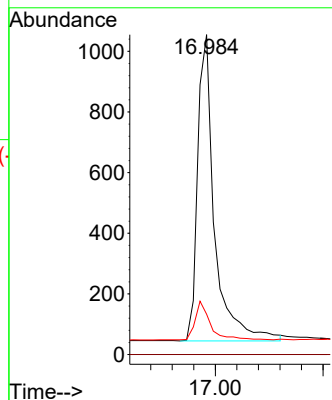
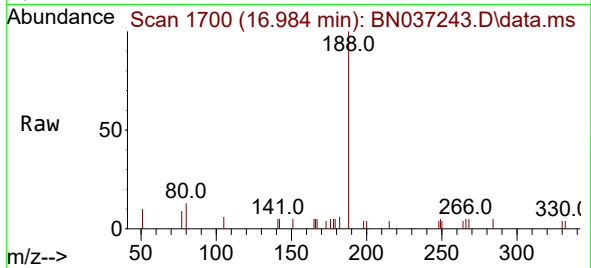




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

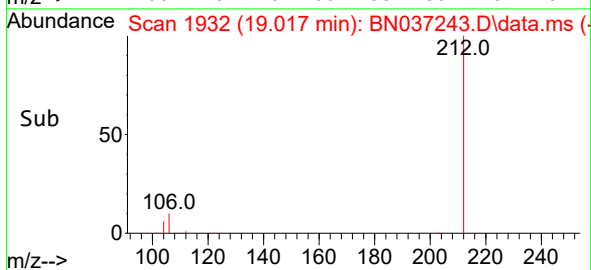
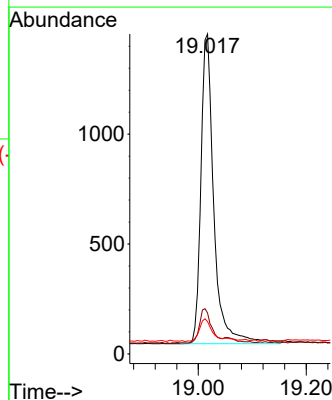
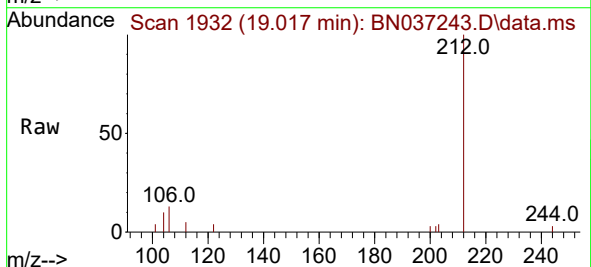
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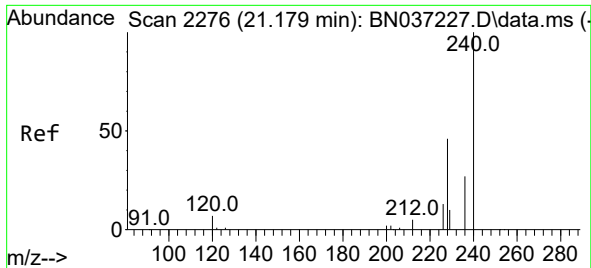
Tgt Ion:188 Resp: 2205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion:212 Resp: 2357
Ion Ratio Lower Upper
212 100
106 10.1 9.3 13.9
104 7.0 5.7 8.5

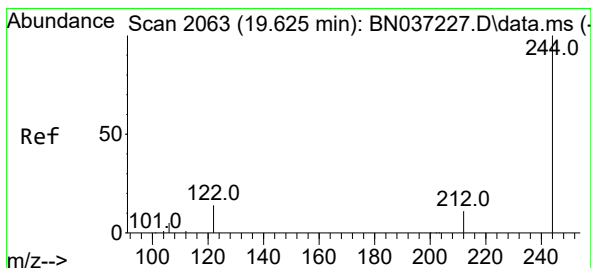
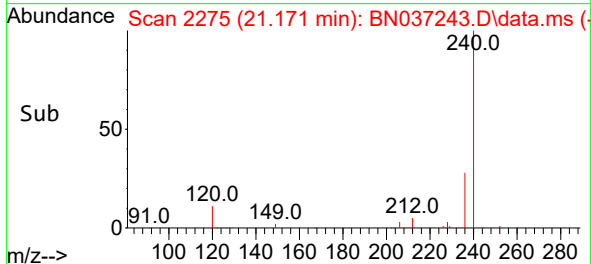
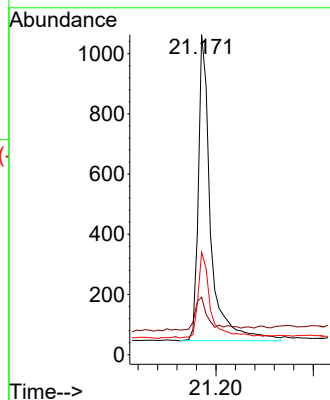
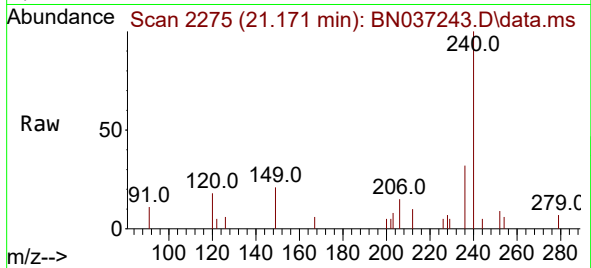




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

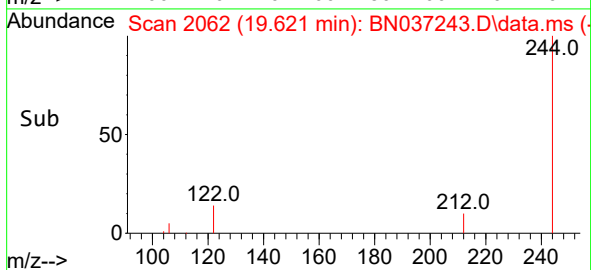
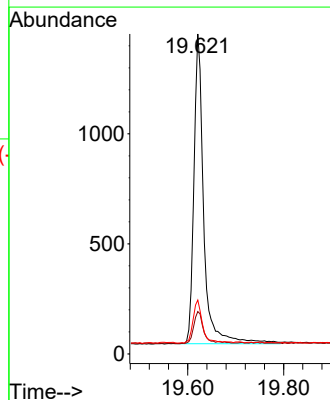
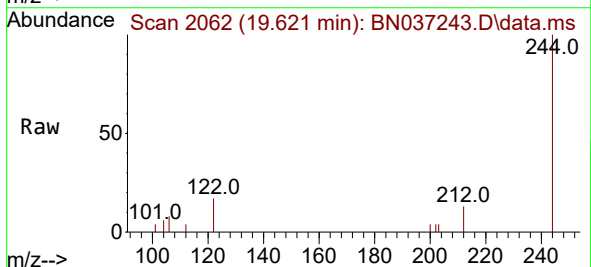
Instrument :
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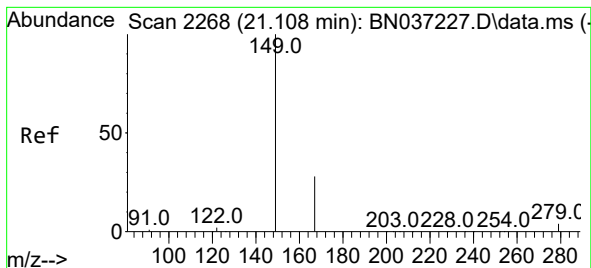
Tgt Ion:240 Resp: 1783
Ion Ratio Lower Upper
240 100
120 18.0 11.3 16.9#
236 32.1 24.4 36.6



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN037243.D
Acq: 14 Jun 2025 01:44

Tgt Ion:244 Resp: 2010
Ion Ratio Lower Upper
244 100
212 13.2 12.2 18.2
122 16.9 14.3 21.5

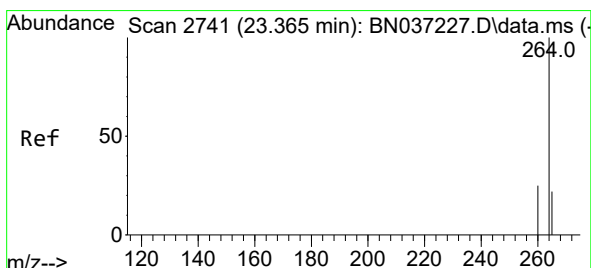
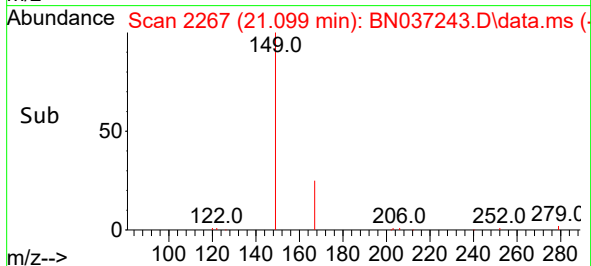
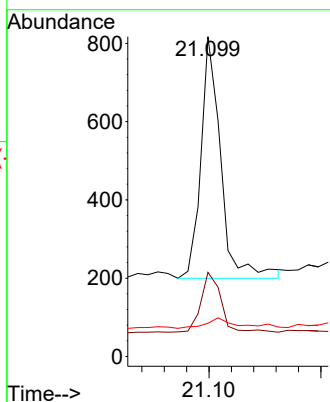
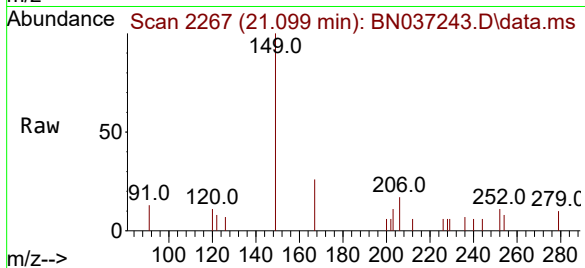




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.169 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037243.D
 Acq: 14 Jun 2025 01:44

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20250606

Tgt Ion:149 Resp: 759
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.3 31.9
 279 7.0 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 2740
 Delta R.T. -0.003 min
 Lab File: BN037243.D
 Acq: 14 Jun 2025 01:44

Tgt Ion:264 Resp: 1754
 Ion Ratio Lower Upper
 264 100
 260 28.4 22.8 34.2
 265 87.3 66.4 99.6

