

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037241.D
 Acq On : 14 Jun 2025 00:31
 Operator : RC/JU
 Sample : PB168458BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168458BL

Quant Time: Jun 14 02:05:40 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	1034	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2349	0.400	ng	# 0.00
13) Acenaphthene-d10	14.235	164	1253	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	2010	0.400	ng	0.01
29) Chrysene-d12	21.180	240	1424	0.400	ng	# 0.00
35) Perylene-d12	23.369	264	1183	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	900	0.354	ng	0.00
5) Phenol-d6	6.766	99	773	0.289	ng	0.00
8) Nitrobenzene-d5	8.749	82	607	0.261	ng	0.02
11) 2-Methylnaphthalene-d10	11.971	152	1037	0.329	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	150	0.288	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	1717	0.326	ng	0.02
27) Fluoranthene-d10	19.022	212	1933	0.368	ng	0.00
31) Terphenyl-d14	19.626	244	1259	0.391	ng	0.00

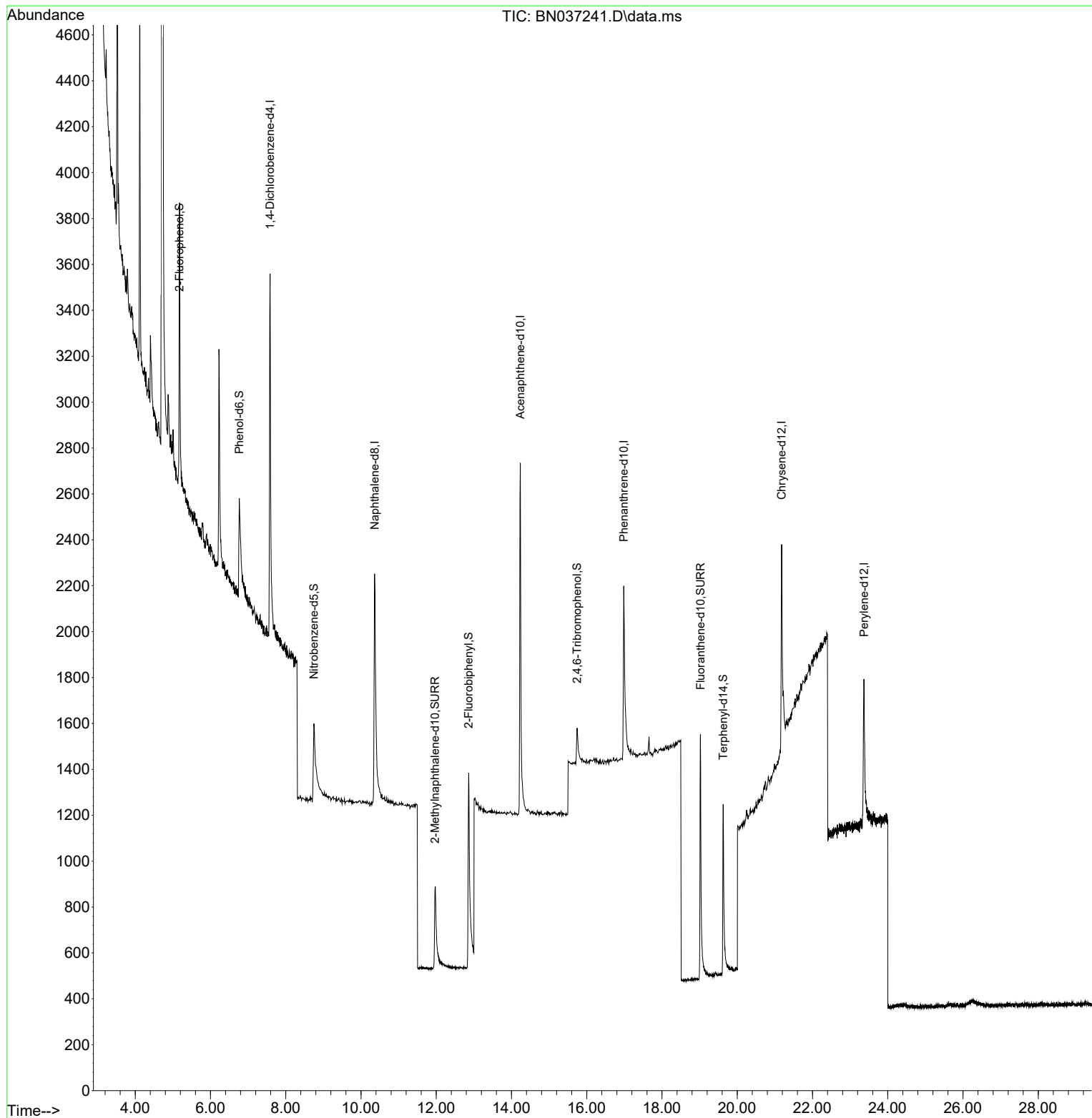
Target Compounds Qvalue

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

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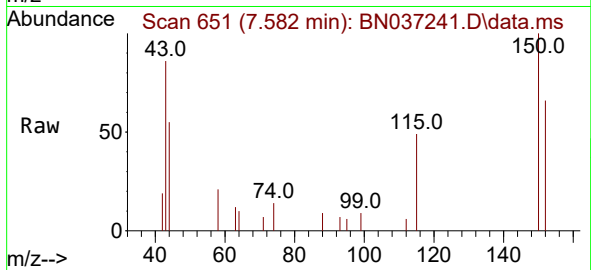
Quant Time: Jun 14 02:05:40 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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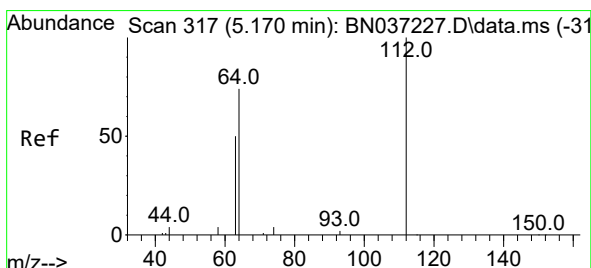
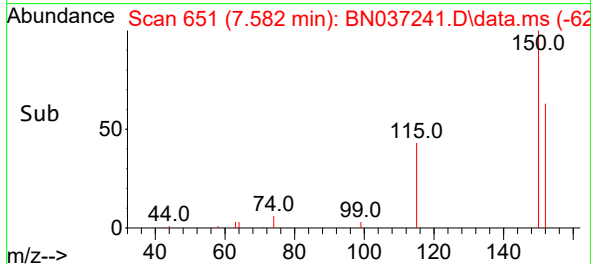
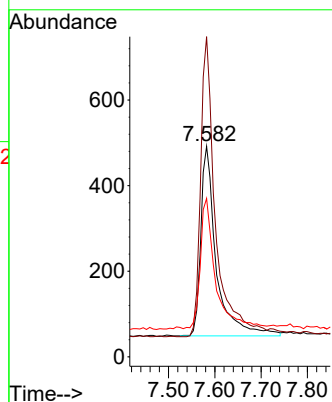


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Instrument :
BNA_N
ClientSampleId :
PB168458BL

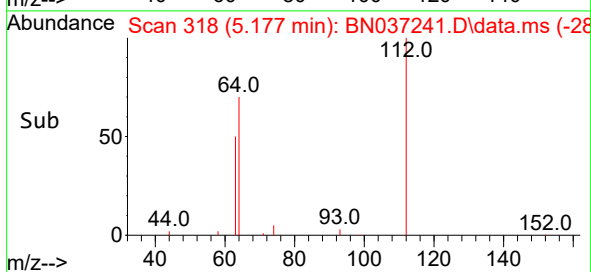
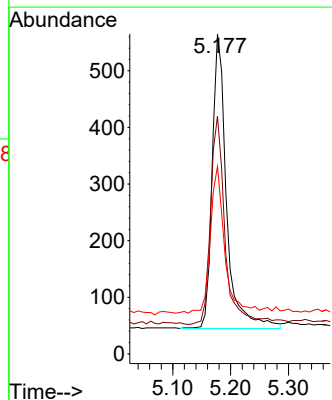
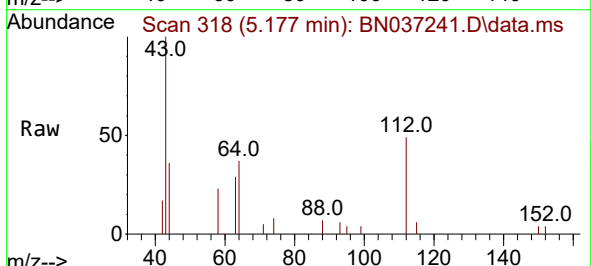


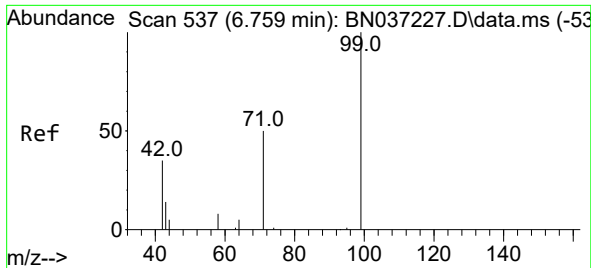
Tgt Ion:152 Resp: 1034
Ion Ratio Lower Upper
152 100
150 152.0 125.2 187.8
115 75.2 58.4 87.6



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

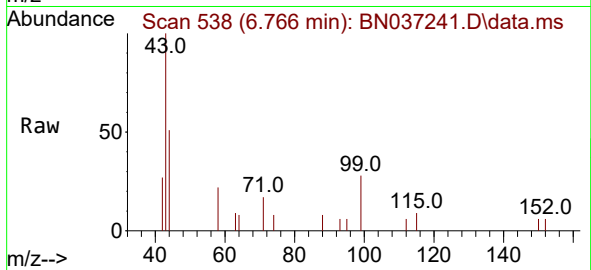
Tgt Ion:112 Resp: 900
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 50.1 39.8 59.6





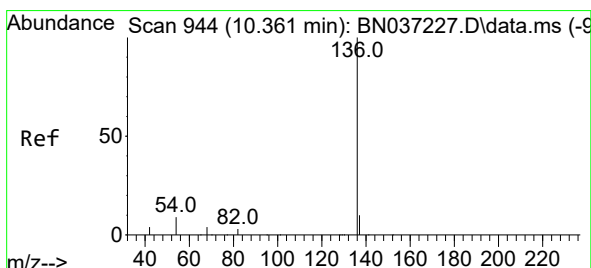
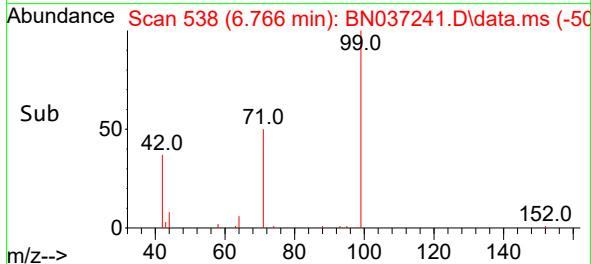
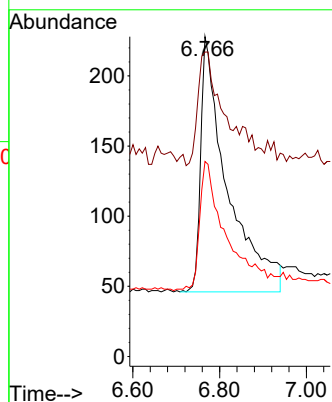
#5
Phenol-d6
Concen: 0.289 ng
RT: 6.766 min Scan# 537
Delta R.T. 0.007 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 773

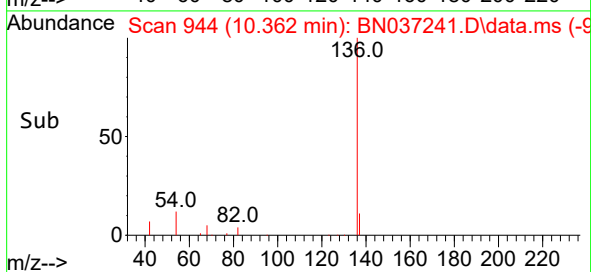
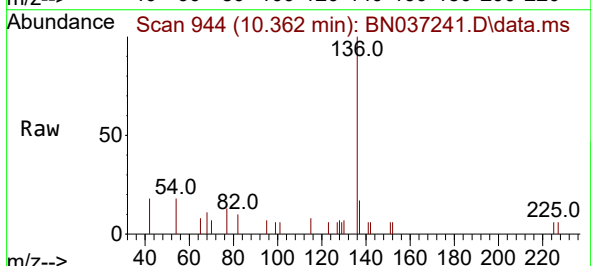
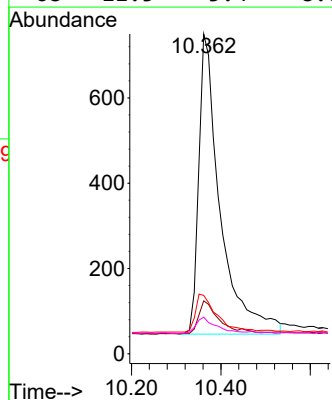
Ion	Ratio	Lower	Upper
99	100		
42	37.0	36.2	54.4
71	52.5	42.4	63.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Tgt Ion: 136 Resp: 2349

Ion	Ratio	Lower	Upper
136	100		
137	16.5	10.6	15.8#
54	18.3	9.2	13.8#
68	11.5	5.4	8.0#

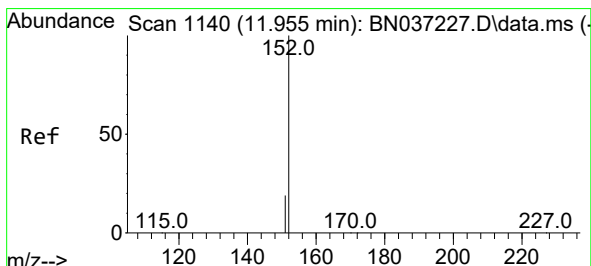
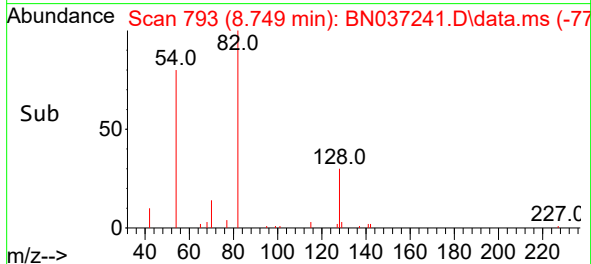
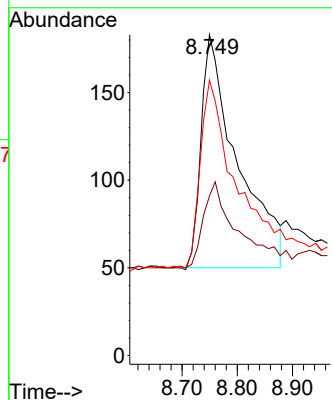
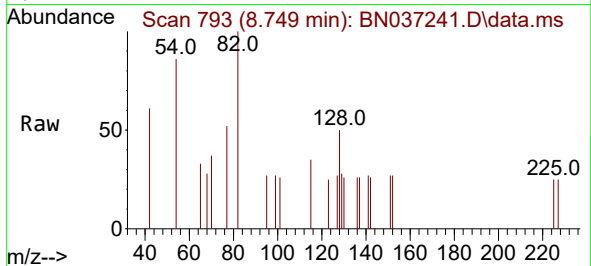




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.749 min Scan# 791
Delta R.T. 0.022 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

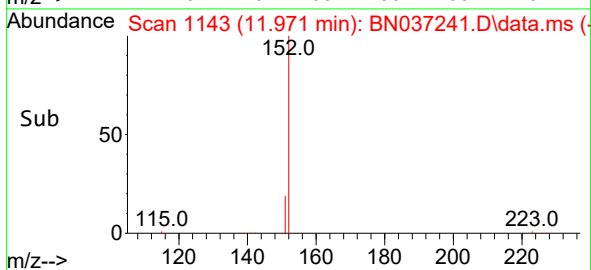
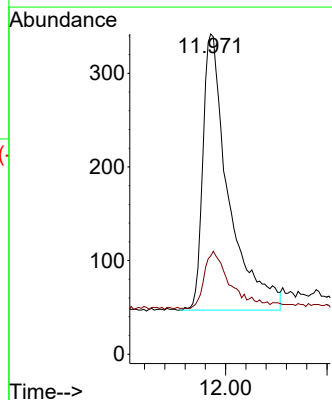
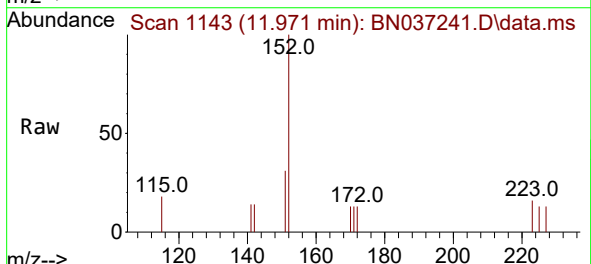
Instrument :
BNA_N
ClientSampleId :
PB168458BL

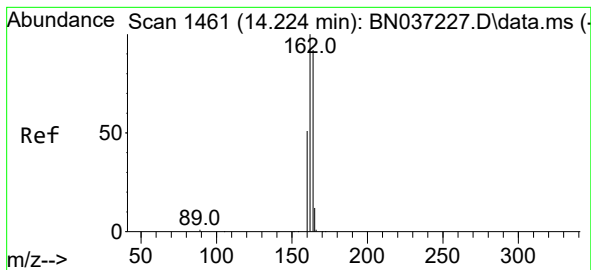
Tgt Ion: 82 Resp: 607
Ion Ratio Lower Upper
82 100
128 49.7 31.2 46.8#
54 85.8 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.971 min Scan# 1143
Delta R.T. 0.015 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Tgt Ion:152 Resp: 1037
Ion Ratio Lower Upper
152 100
151 21.0 17.9 26.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN037241.D

Acq: 14 Jun 2025 00:31

Instrument :

BNA_N

ClientSampleId :

PB168458BL

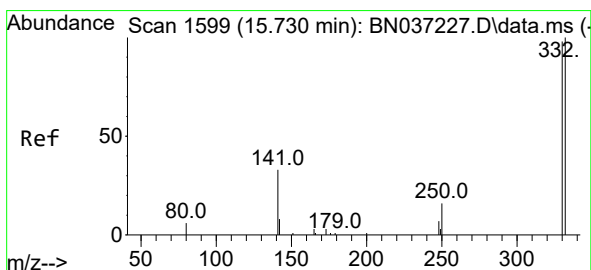
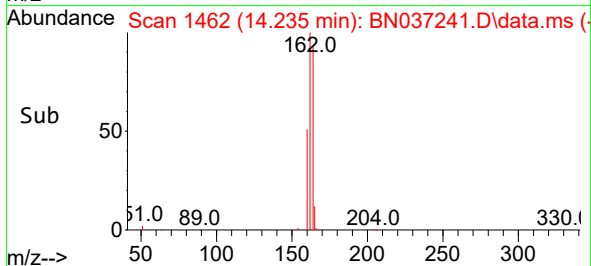
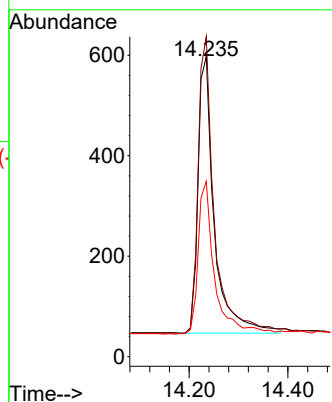
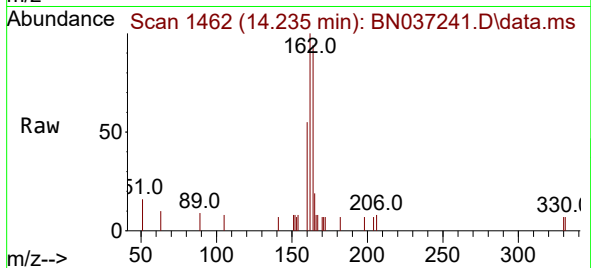
Tgt Ion:164 Resp: 1253

Ion Ratio Lower Upper

164 100

162 106.5 86.7 130.1

160 58.4 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.288 ng

RT: 15.743 min Scan# 1600

Delta R.T. 0.013 min

Lab File: BN037241.D

Acq: 14 Jun 2025 00:31

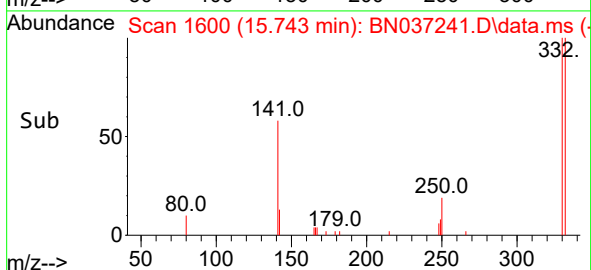
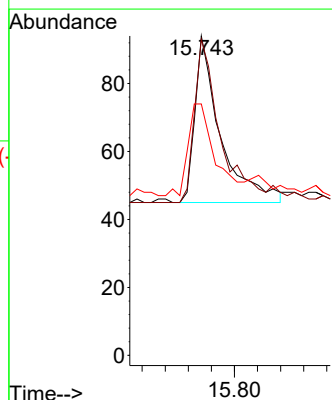
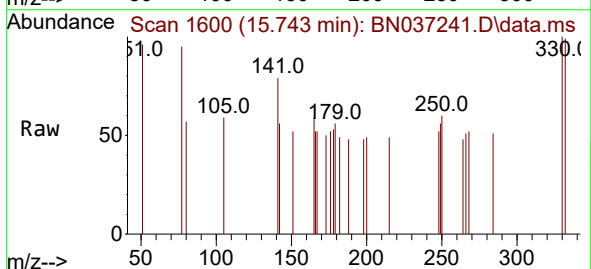
Tgt Ion:330 Resp: 150

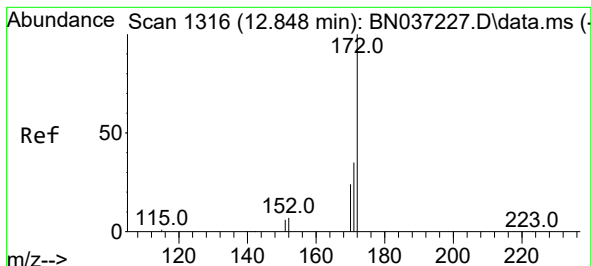
Ion Ratio Lower Upper

330 100

332 98.7 74.9 112.3

141 58.7 45.1 67.7

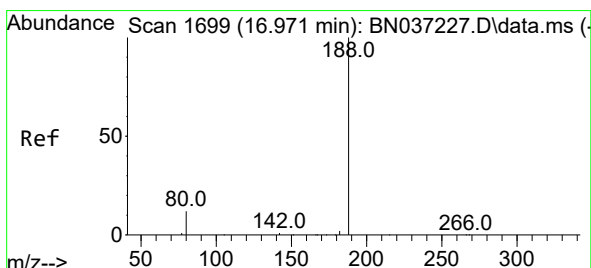
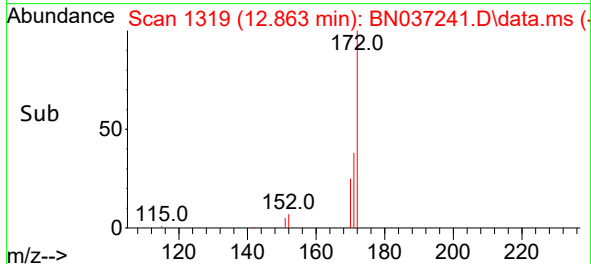
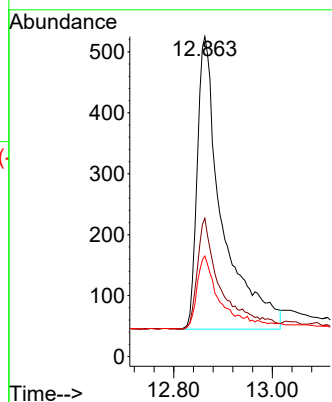
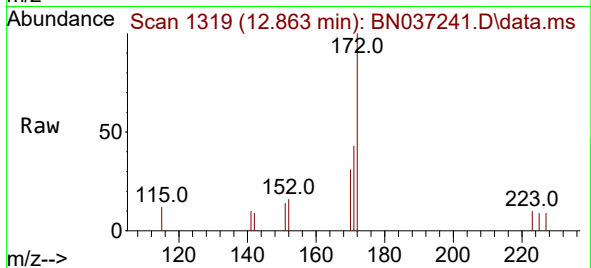




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.863 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

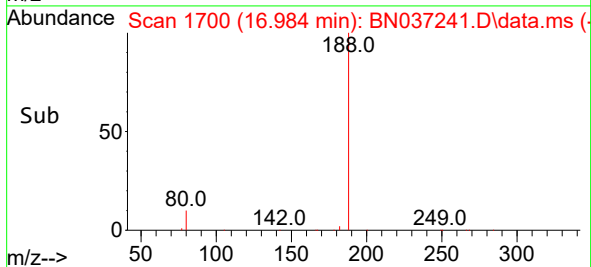
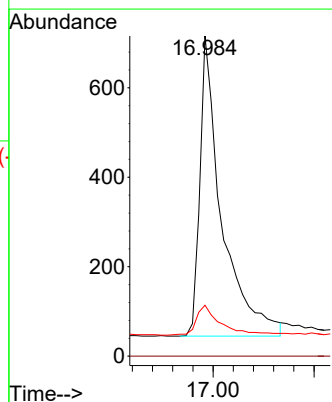
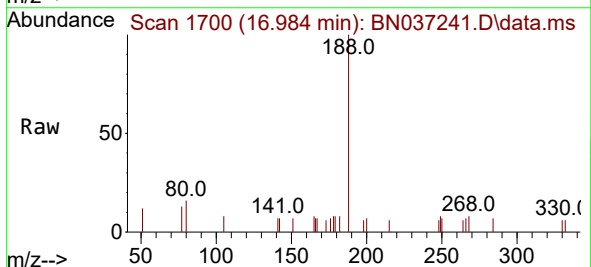
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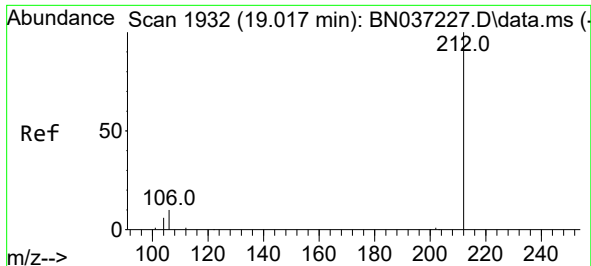
Tgt Ion:172 Resp: 1717
Ion Ratio Lower Upper
172 100
171 43.2 29.8 44.8
170 31.4 21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.013 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Tgt Ion:188 Resp: 2010
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 12.2 18.4

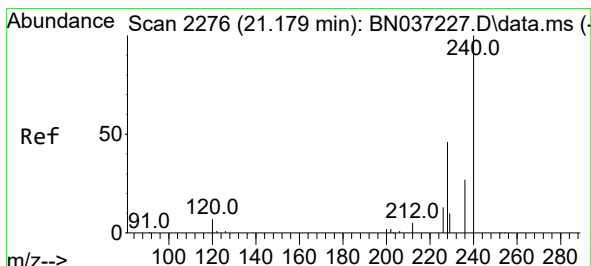
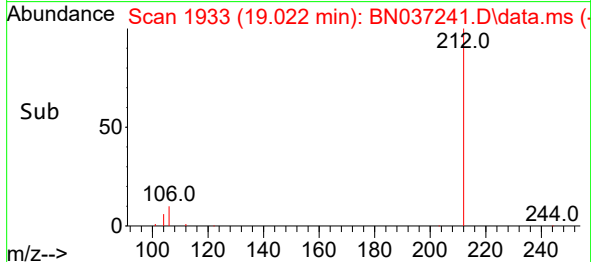
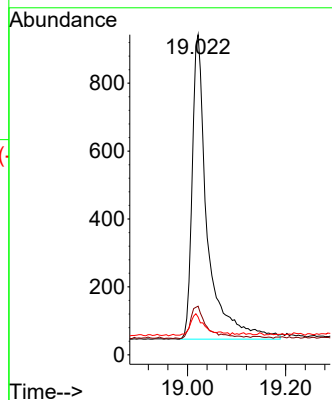
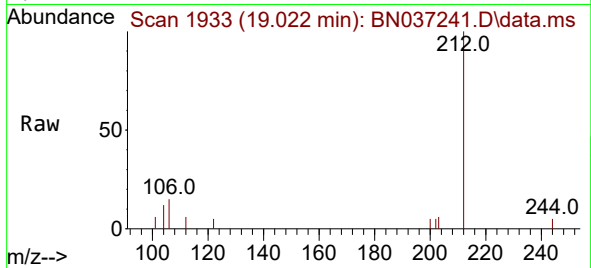




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.022 min Scan# 1933
Delta R.T. 0.005 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

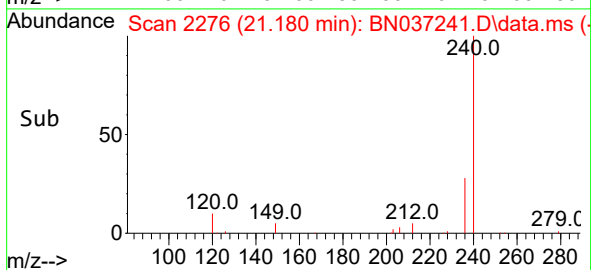
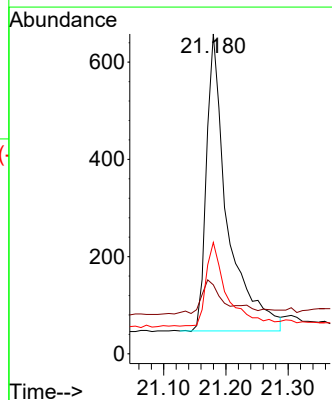
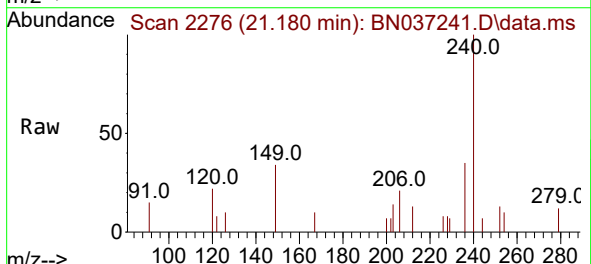
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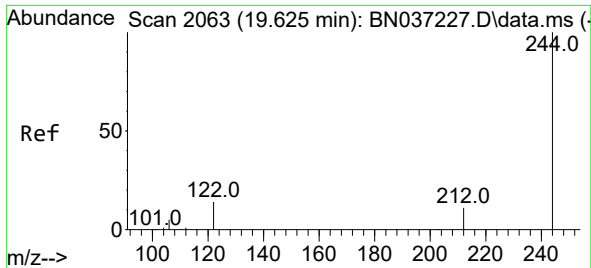
Tgt Ion:212 Resp: 1933
Ion Ratio Lower Upper
212 100
106 11.3 9.3 13.9
104 5.8 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037241.D
Acq: 14 Jun 2025 00:31

Tgt Ion:240 Resp: 1424
Ion Ratio Lower Upper
240 100
120 21.6 11.3 16.9#
236 34.8 24.4 36.6

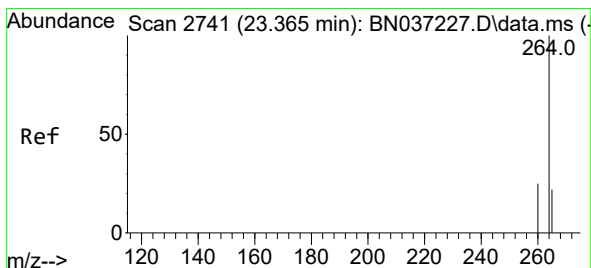
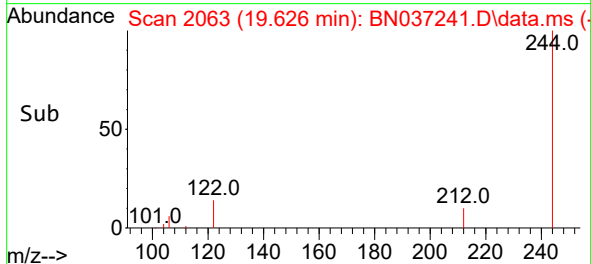
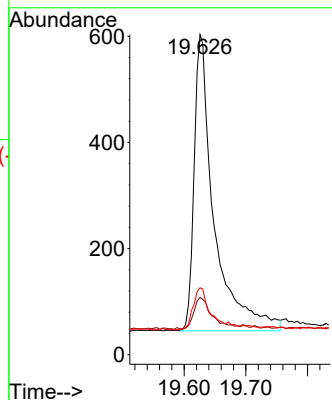
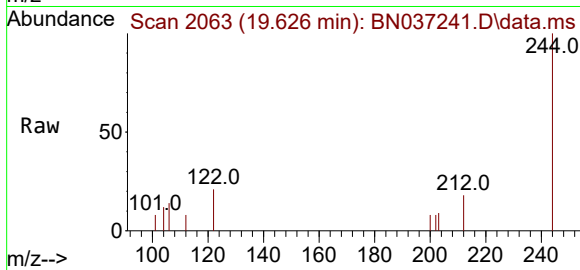




#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.626 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: BN037241.D
 Acq: 14 Jun 2025 00:31

Instrument :
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Tgt Ion:244 Resp: 1259
 Ion Ratio Lower Upper
 244 100
 212 17.9 12.2 18.2
 122 20.9 14.3 21.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.369 min Scan# 2742
 Delta R.T. 0.003 min
 Lab File: BN037241.D
 Acq: 14 Jun 2025 00:31

Tgt Ion:264 Resp: 1183
 Ion Ratio Lower Upper
 264 100
 260 32.0 22.8 34.2
 265 136.1 66.4 99.6#

