

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037113.D
 Acq On : 28 May 2025 17:47
 Operator : RC/JU
 Sample : PB168100BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168100BL

Quant Time: May 28 18:13:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1765	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4396	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	2346	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4153	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	2590	0.400	ng	0.00
35) Perylene-d12	23.401	264	2358	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1668	0.361	ng	0.00
5) Phenol-d6	6.788	99	1904	0.329	ng	0.00
8) Nitrobenzene-d5	8.760	82	1646	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2217	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	104	0.101	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	3806	0.354	ng	0.00
27) Fluoranthene-d10	19.045	212	3791	0.333	ng	0.00
31) Terphenyl-d14	19.649	244	2552	0.461	ng	0.00

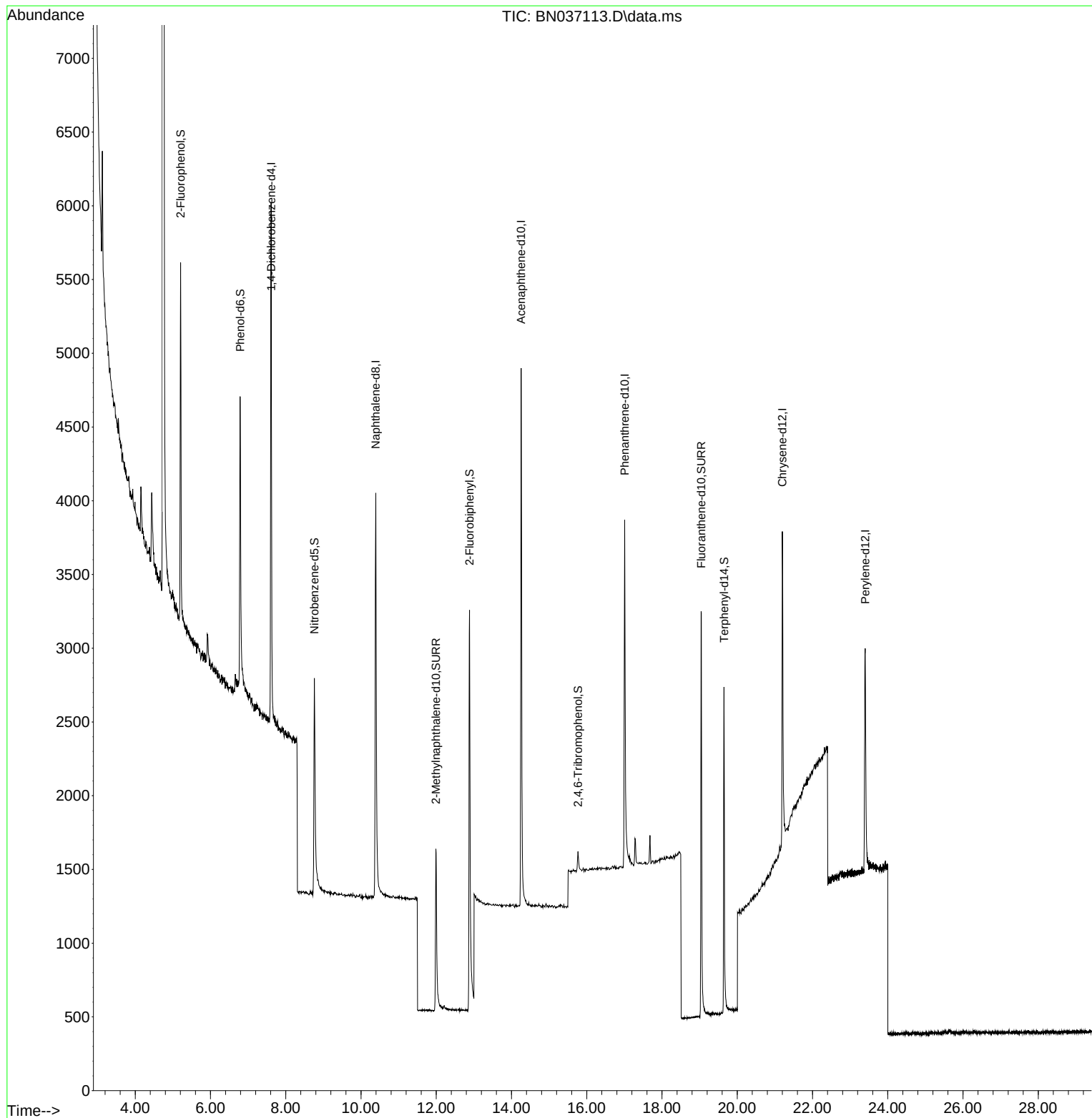
Target Compounds Qvalue

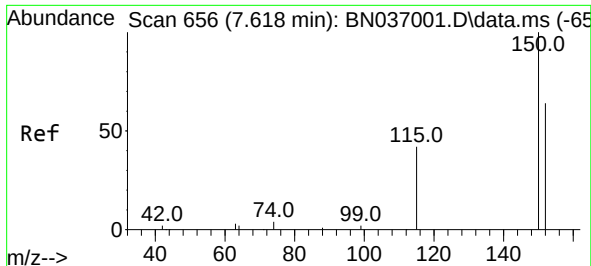
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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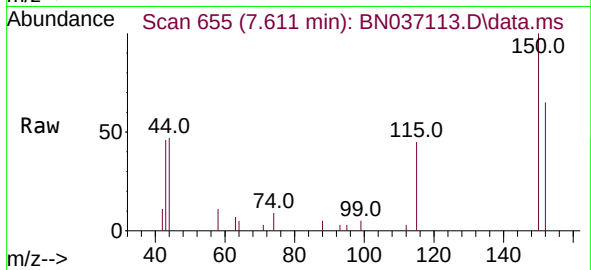
Quant Time: May 28 18:13:39 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



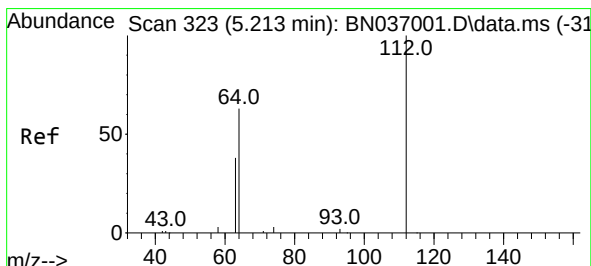
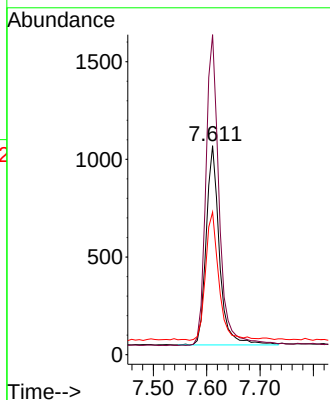
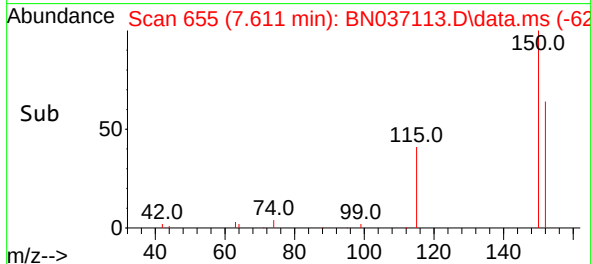


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

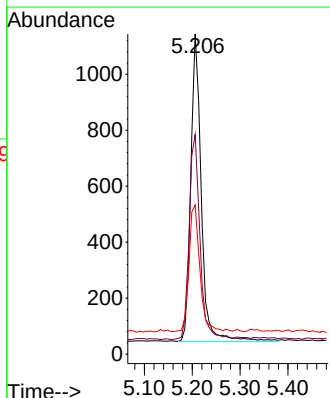
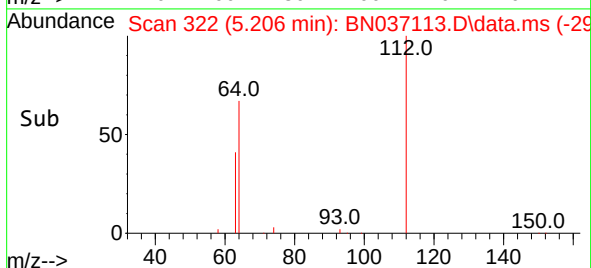
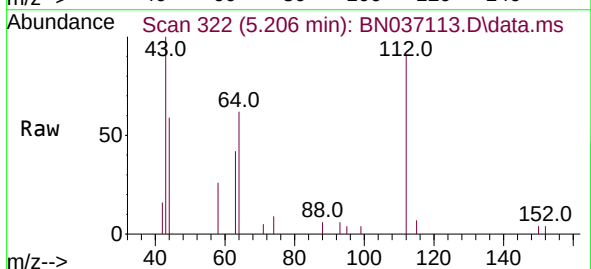


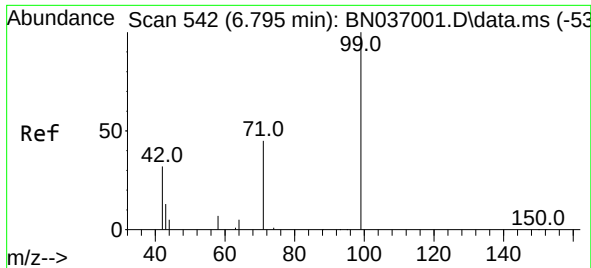
Tgt Ion:152 Resp: 1765
Ion Ratio Lower Upper
152 100
150 153.1 123.9 185.9
115 68.2 55.8 83.8



#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:112 Resp: 1668
Ion Ratio Lower Upper
112 100
64 68.6 55.7 83.5
63 42.6 34.6 51.8

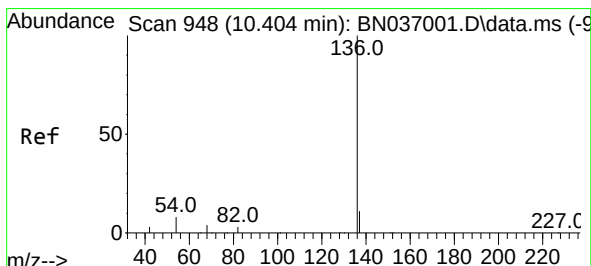
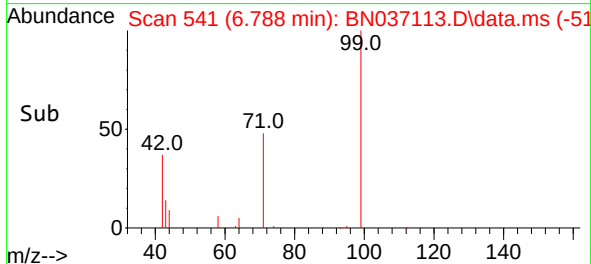
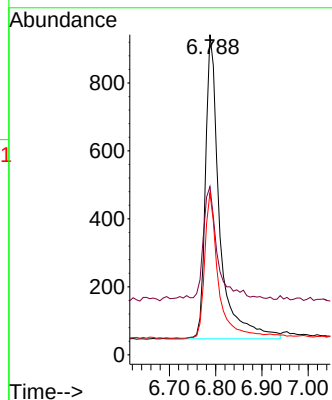
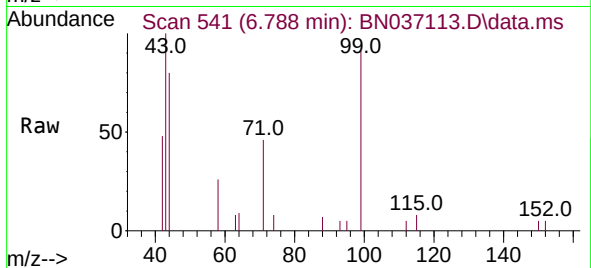




#5
Phenol-d6
Concen: 0.329 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

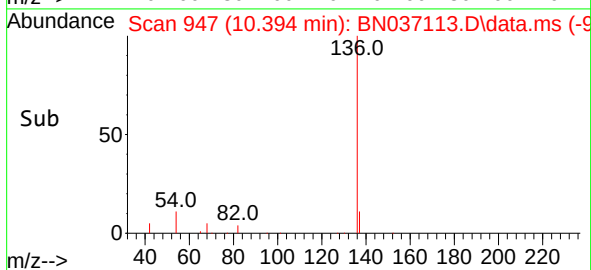
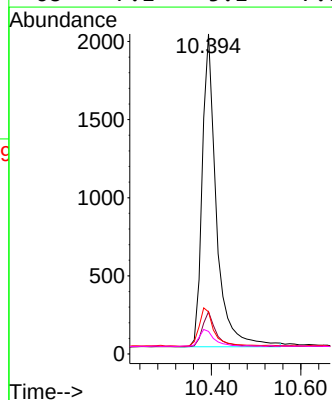
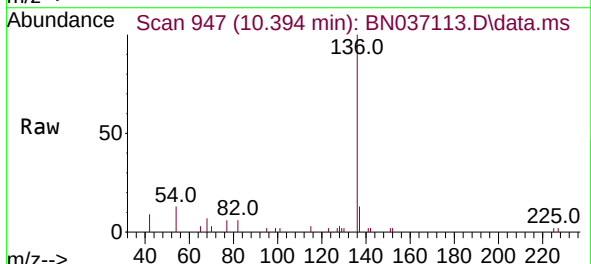
Instrument :
BNA_N
ClientSampleId :
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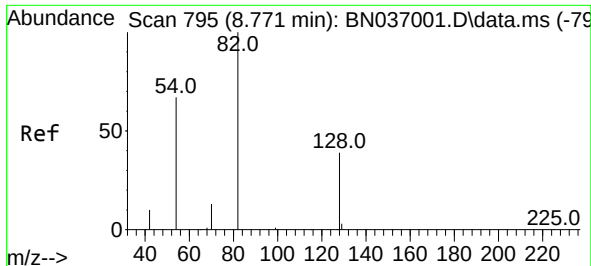
Tgt Ion:	99	Resp:	1904
Ion	Ratio	Lower	Upper
99	100		
42	37.3	29.3	43.9
71	46.2	35.7	53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:	136	Resp:	4396
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.4	15.6
54	13.2	8.5	12.7#
68	7.1	5.1	7.7





#8
 Nitrobenzene-d5
 Concen: 0.344 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037113.D
 Acq: 28 May 2025 17:47

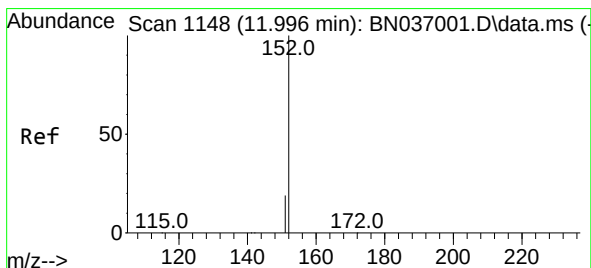
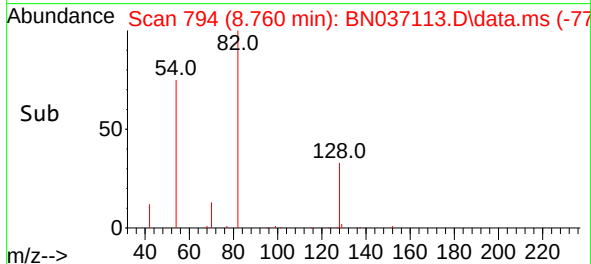
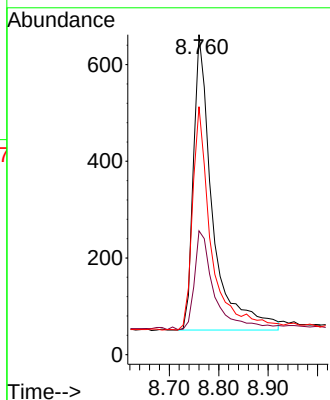
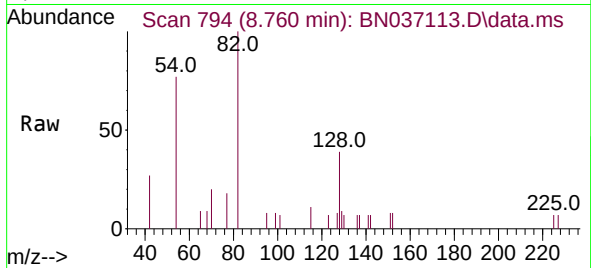
Instrument :

BNA_N

ClientSampleId :

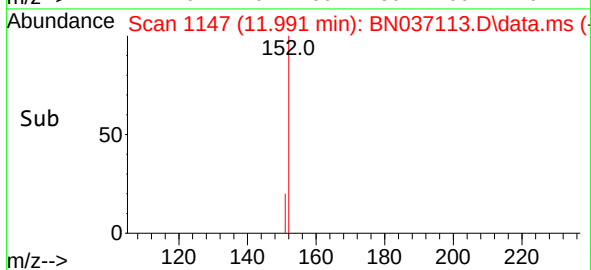
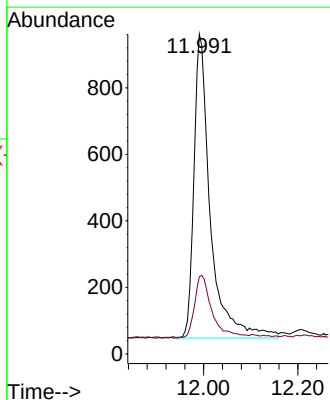
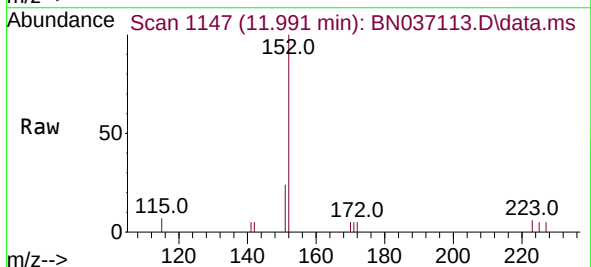
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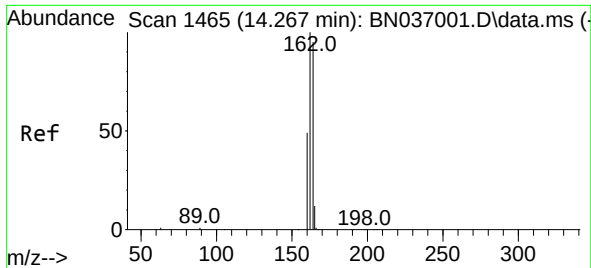
Tgt Ion: 82 Resp: 1646
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.0 51.0
 54 77.5 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037113.D
 Acq: 28 May 2025 17:47

Tgt Ion: 152 Resp: 2217
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.5 26.3

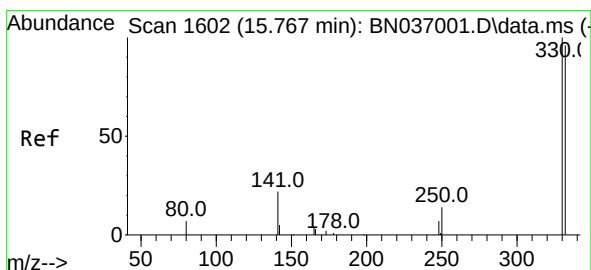
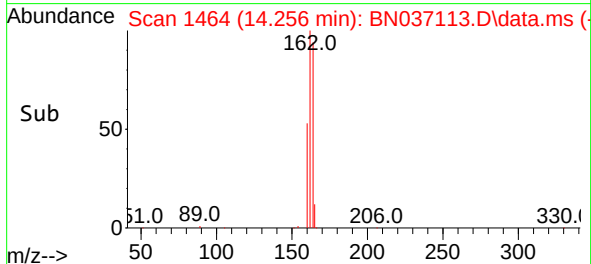
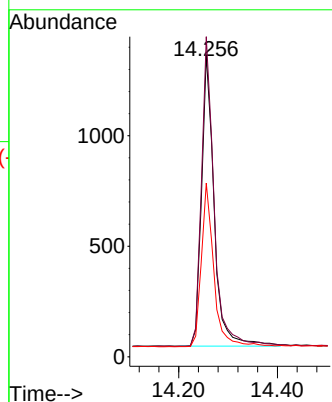
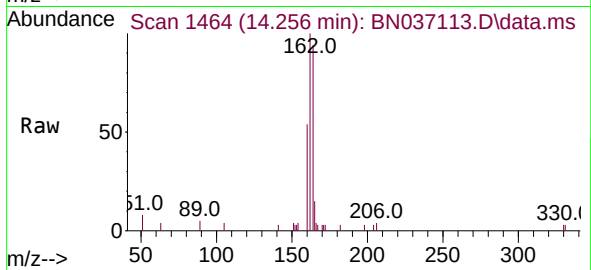




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

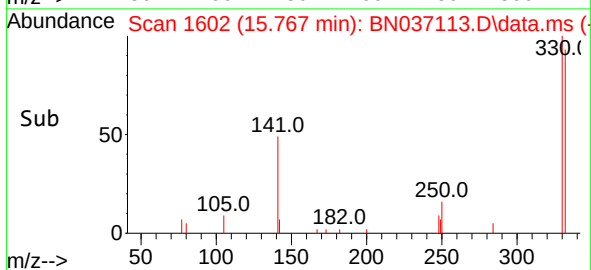
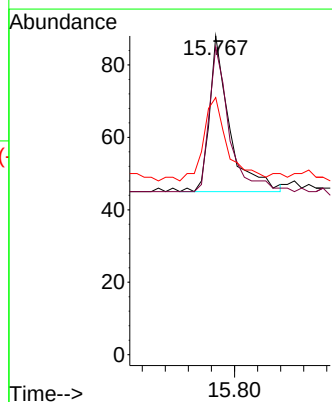
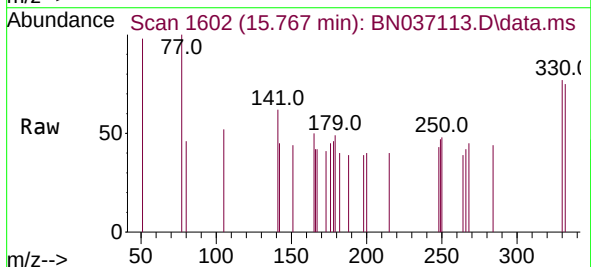
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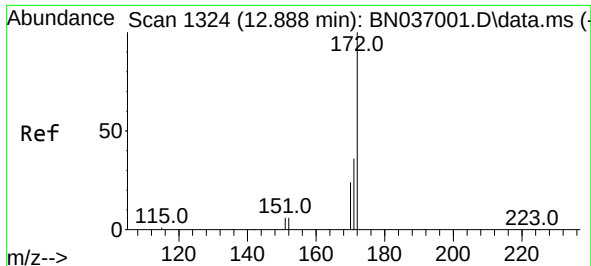
Tgt Ion:164 Resp: 2346
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.4
160 57.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.101 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:330 Resp: 104
Ion Ratio Lower Upper
330 100
332 93.3 73.8 110.8
141 65.4 43.9 65.9

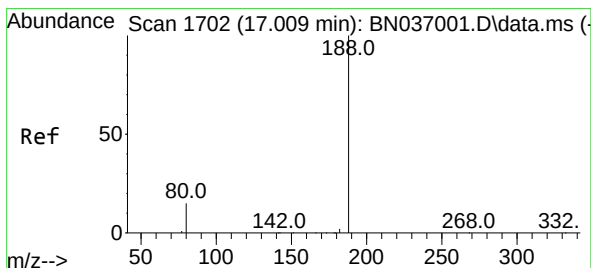
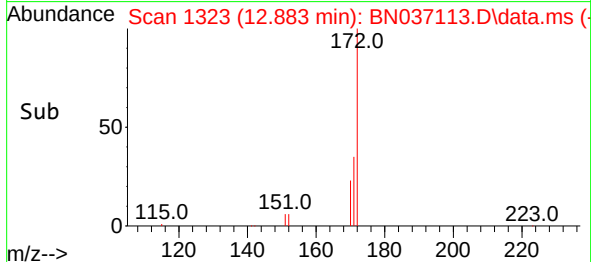
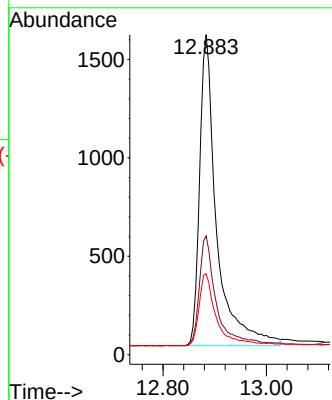
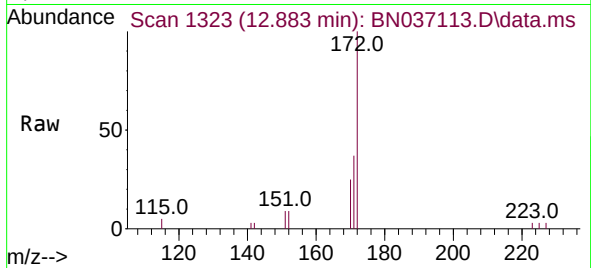




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

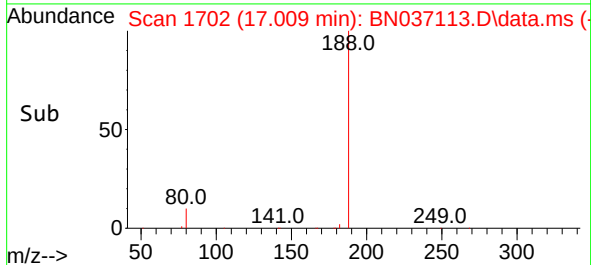
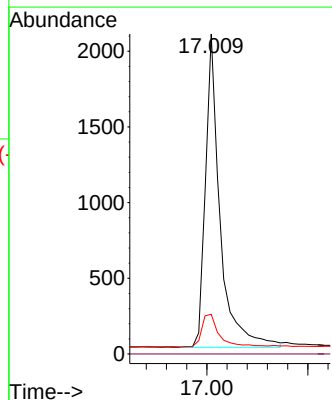
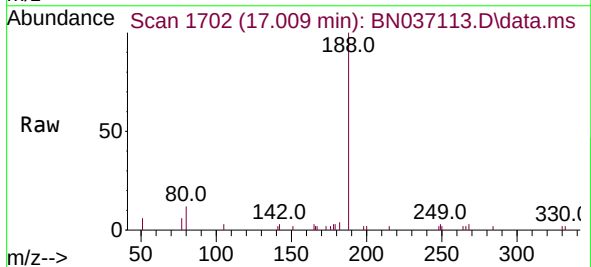
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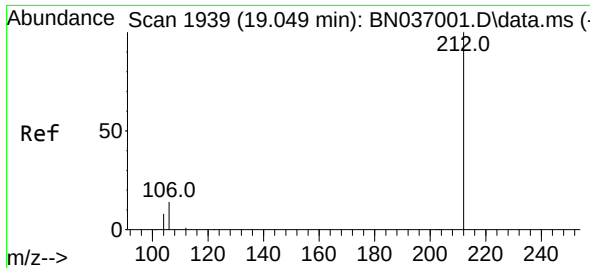
Tgt Ion:172 Resp: 3806
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 25.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:188 Resp: 4153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 13.4 20.0#

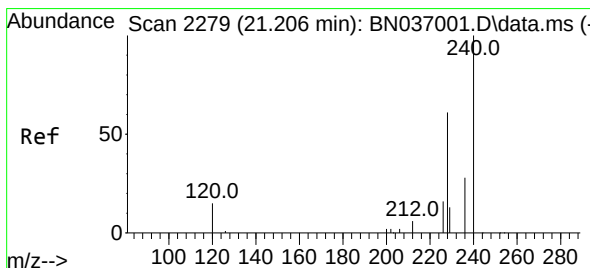
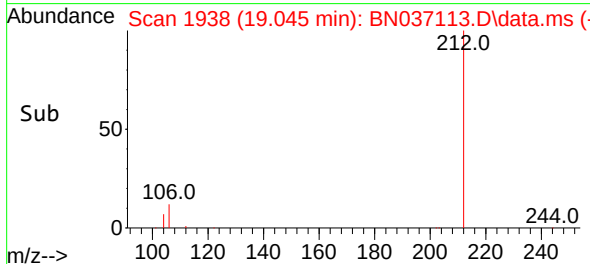
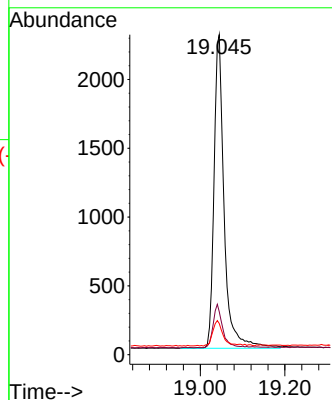
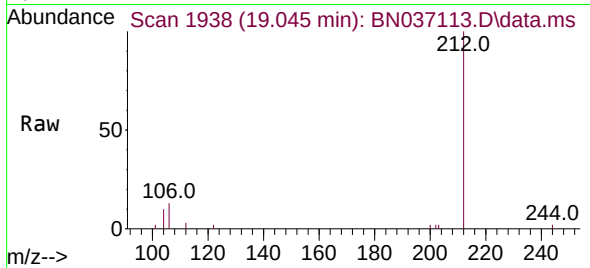




#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

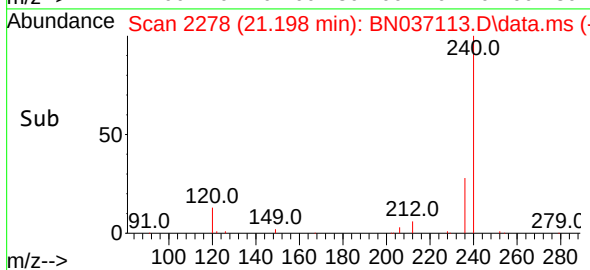
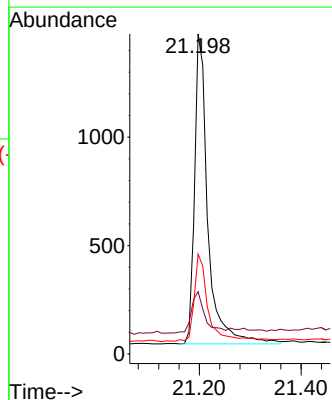
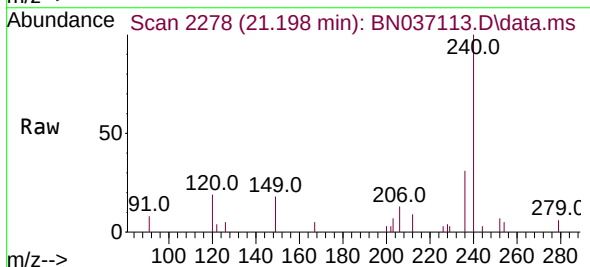
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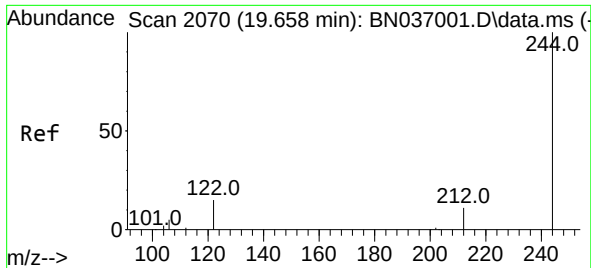
Tgt Ion:212 Resp: 3791
Ion Ratio Lower Upper
212 100
106 13.0 11.3 16.9
104 8.3 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:240 Resp: 2590
Ion Ratio Lower Upper
240 100
120 19.4 15.1 22.7
236 31.2 24.0 36.0

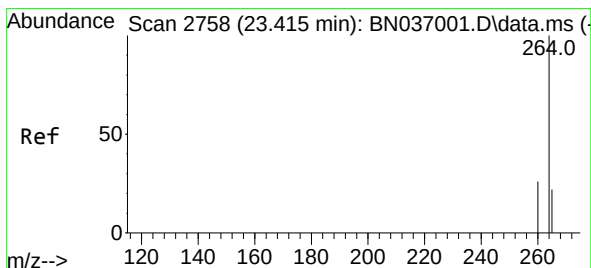
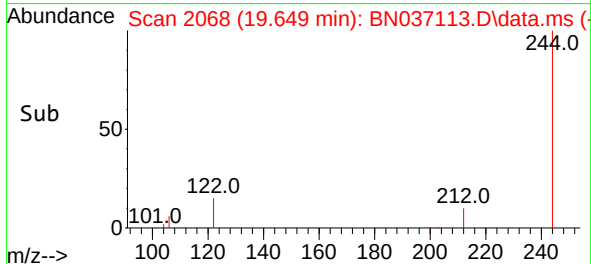
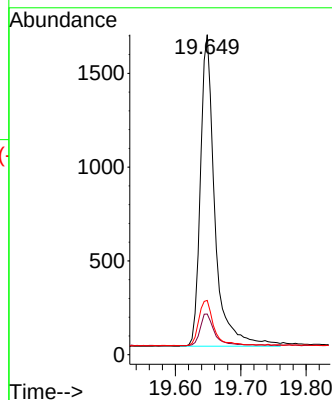
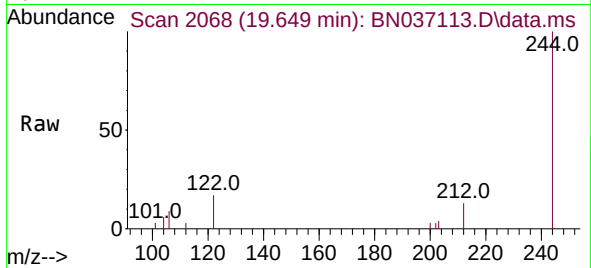




#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037113.D
 Acq: 28 May 2025 17:47

Instrument :
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 PB168100BL

Tgt Ion:244 Resp: 2552
 Ion Ratio Lower Upper
 244 100
 212 12.7 9.7 14.5
 122 16.9 13.4 20.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 2753
 Delta R.T. -0.015 min
 Lab File: BN037113.D
 Acq: 28 May 2025 17:47

Tgt Ion:264 Resp: 2358
 Ion Ratio Lower Upper
 264 100
 260 28.9 21.9 32.9
 265 93.9 51.6 77.4#

