

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037190.D
 Acq On : 09 Jun 2025 11:30
 Operator : RC/JU
 Sample : PB168336BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

Quant Time: Jun 09 12:24:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

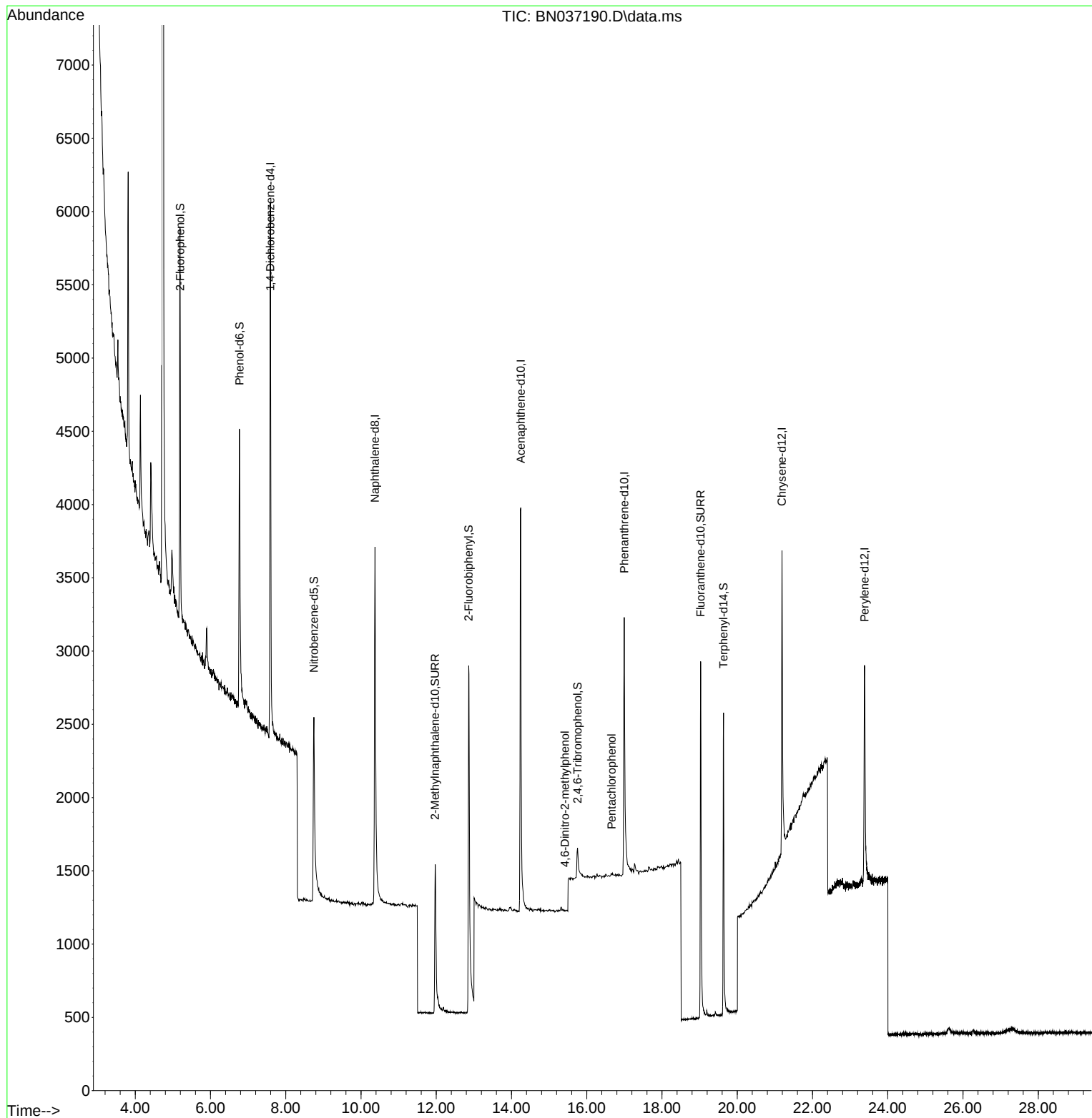
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2101	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3500	0.400	ng	0.01
29) Chrysene-d12	21.189	240	2446	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	2291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1866	0.416	ng	0.00
5) Phenol-d6	6.773	99	1994	0.366	ng	0.00
8) Nitrobenzene-d5	8.749	82	1646	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	2143	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	207	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3619	0.404	ng	0.00
27) Fluoranthene-d10	19.026	212	3511	0.395	ng	0.00
31) Terphenyl-d14	19.635	244	2421	0.420	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.421	198	1	0.275	ng	# 38
24) Pentachlorophenol	16.661	266	15	0.225	ng	# 74

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

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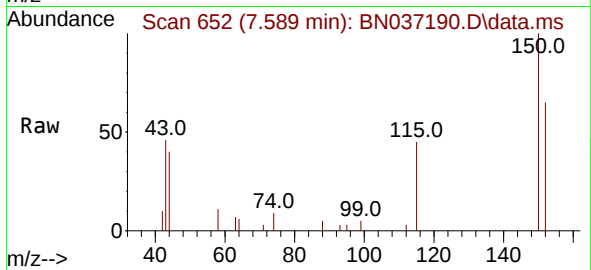
Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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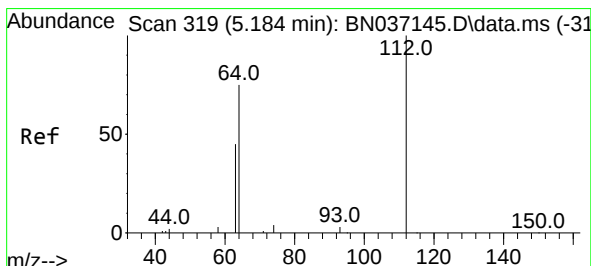
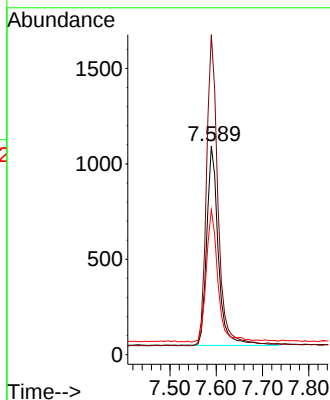
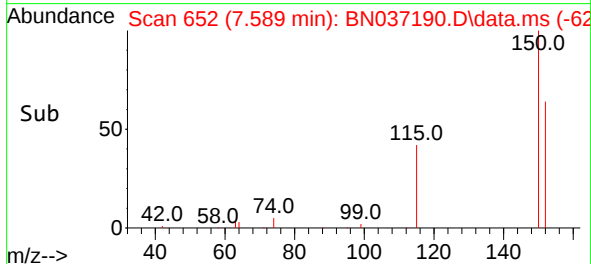


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

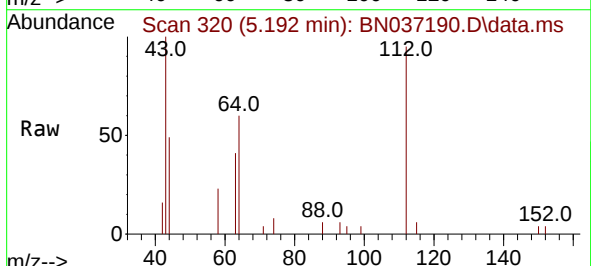
Instrument :
BNA_N
ClientSampleId :
PB168336BL



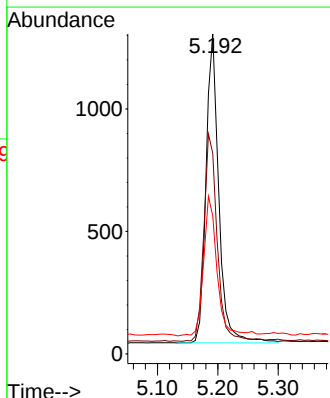
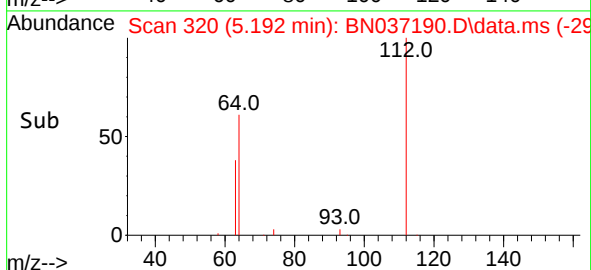
Tgt Ion:152 Resp: 1816
Ion Ratio Lower Upper
152 100
150 153.4 123.2 184.8
115 69.5 56.6 85.0

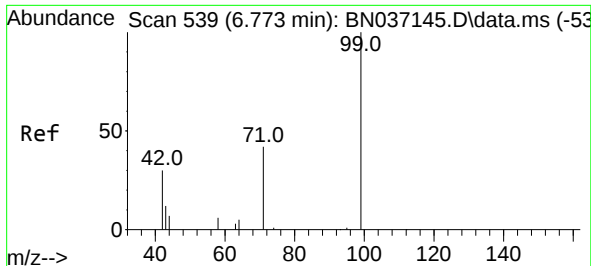


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30



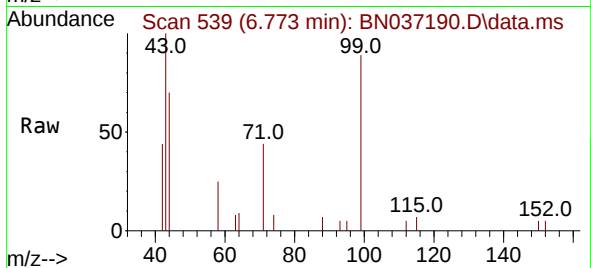
Tgt Ion:112 Resp: 1866
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 47.4 36.2 54.4



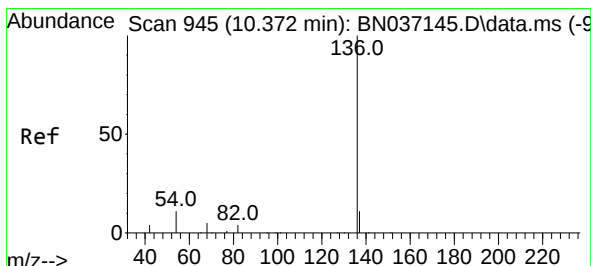
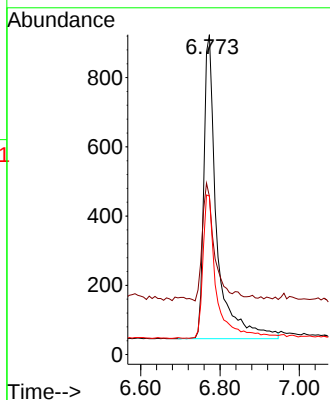
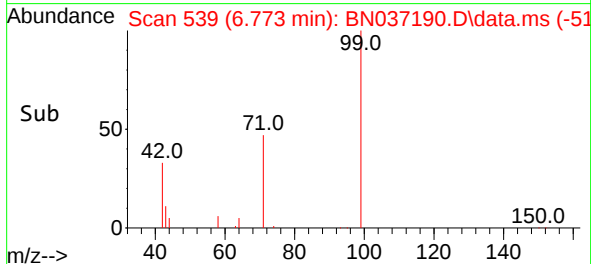


#5
Phenol-d6
Concen: 0.366 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

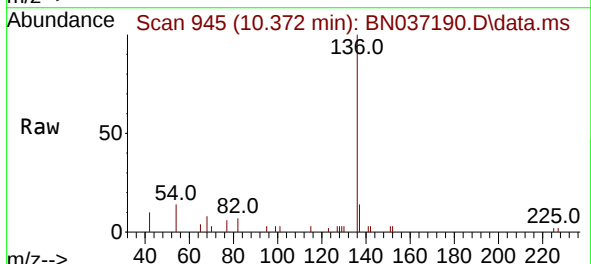
Instrument :
BNA_N
ClientSampleId :
PB168336BL



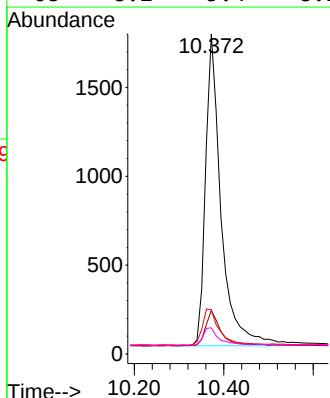
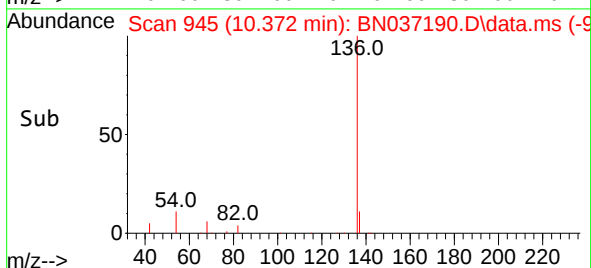
Tgt Ion:	99	Resp:	1994
Ion	Ratio	Lower	Upper
99	100		
42	34.5	31.3	46.9
71	48.8	38.2	57.2

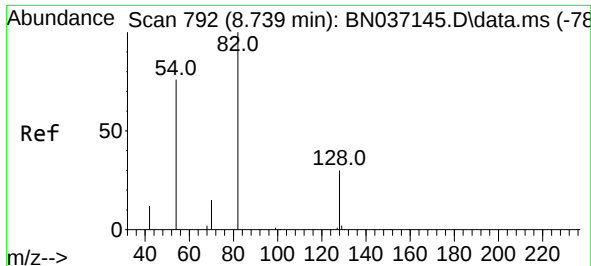


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30



Tgt Ion:	136	Resp:	4227
Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	13.8	9.7	14.5
68	8.2	5.4	8.2

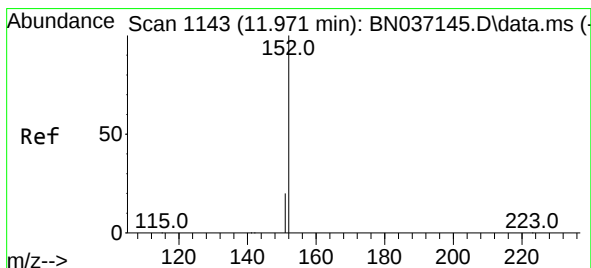
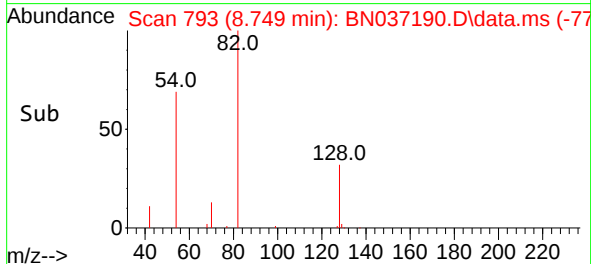
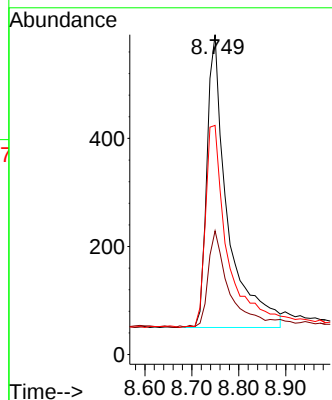
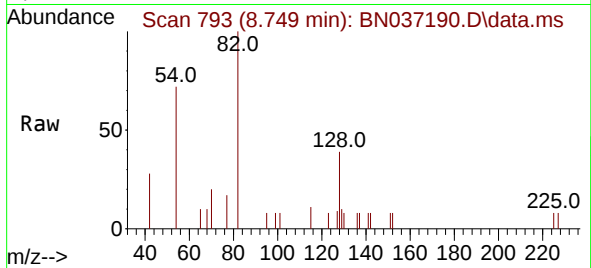




#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.749 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

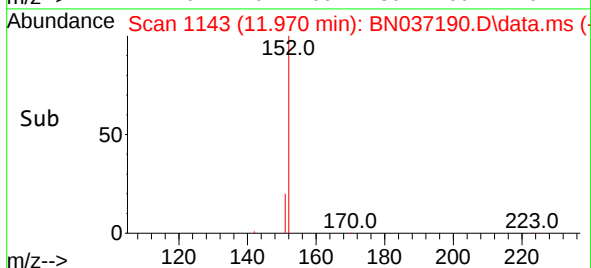
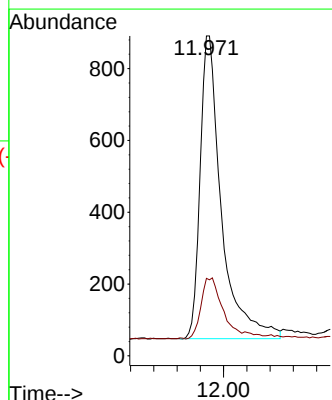
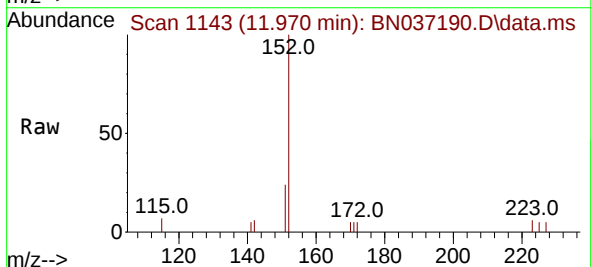
Instrument :
BNA_N
ClientSampleId :
PB168336BL

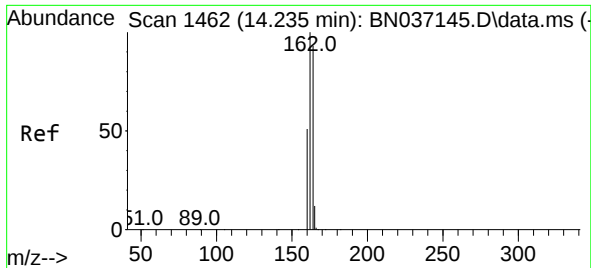
Tgt Ion: 82 Resp: 1646
Ion Ratio Lower Upper
82 100
128 38.7 26.9 40.3
54 71.6 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion: 152 Resp: 2143
Ion Ratio Lower Upper
152 100
151 21.8 17.1 25.7

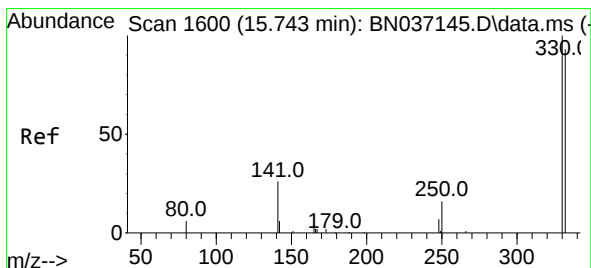
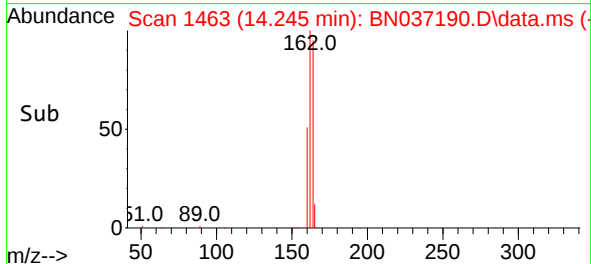
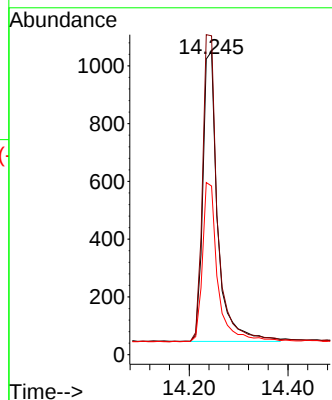
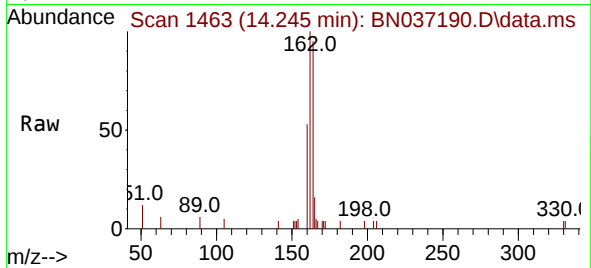




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

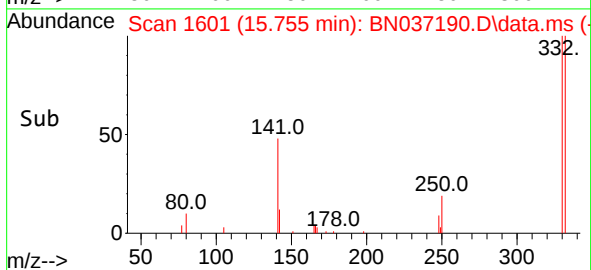
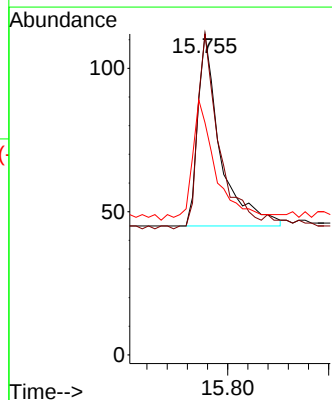
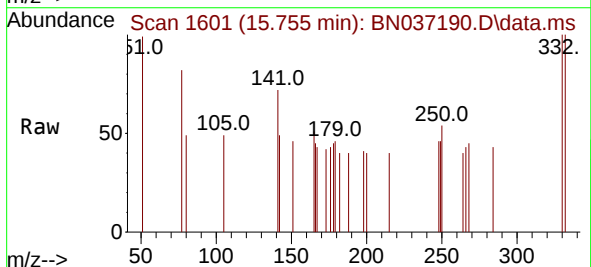
Instrument :
BNA_N
ClientSampleId :
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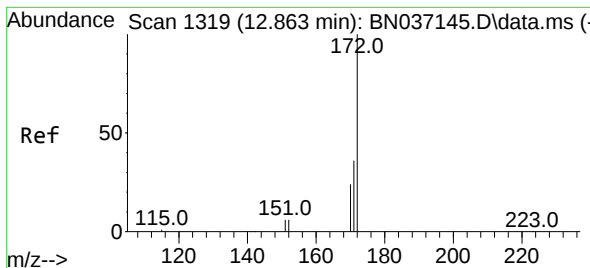
Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
162 105.1 85.5 128.3
160 55.6 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

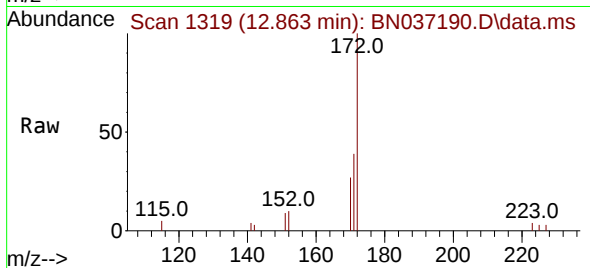
Tgt Ion:330 Resp: 207
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 66.7 46.4 69.6



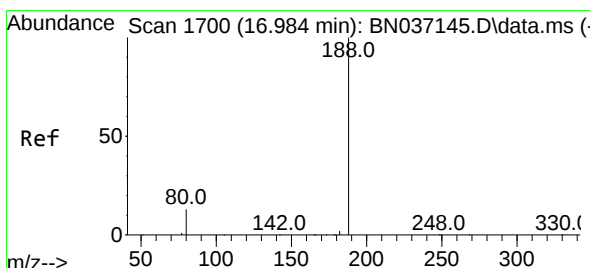
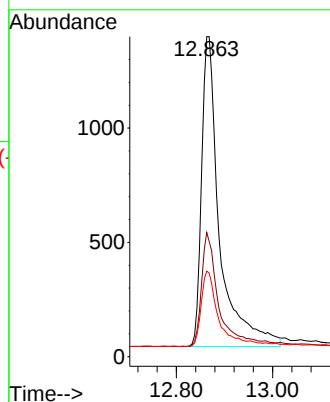
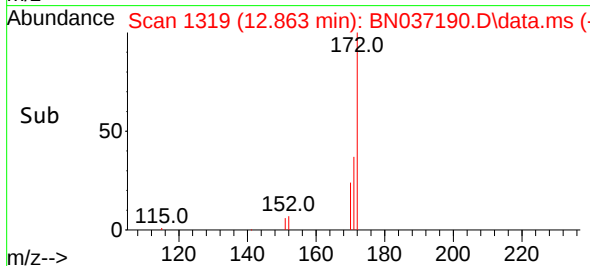


#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

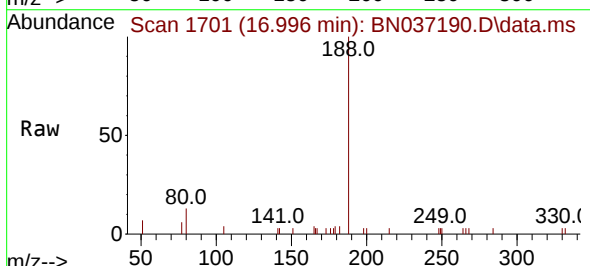
Instrument :
BNA_N
ClientSampleId :
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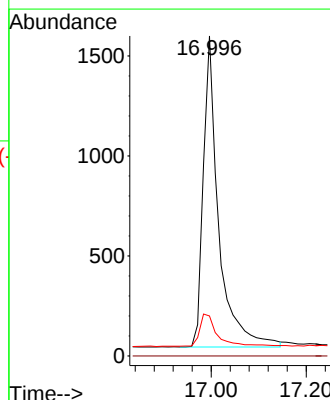
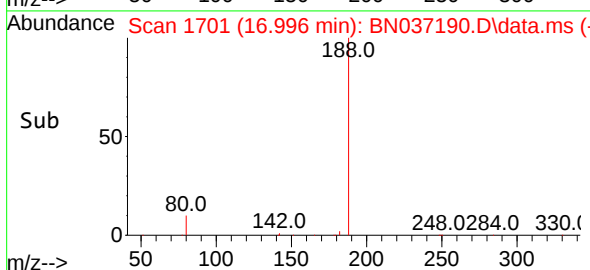
Tgt Ion:172 Resp: 3619
Ion Ratio Lower Upper
172 100
171 38.8 29.6 44.4
170 26.7 20.3 30.5

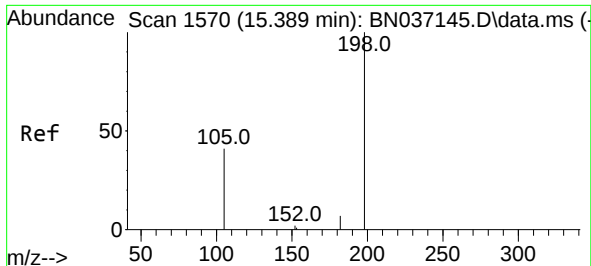


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30



Tgt Ion:188 Resp: 3500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 11.3 16.9

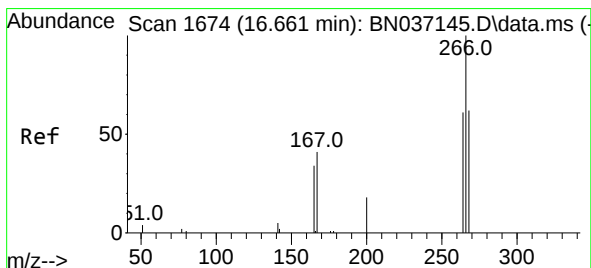
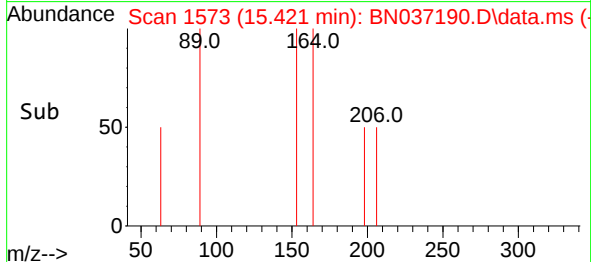
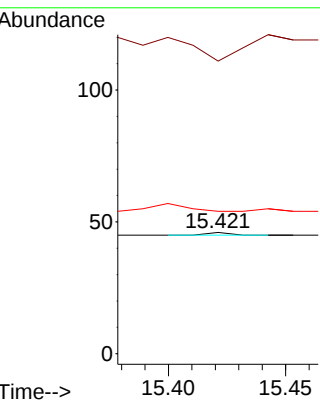
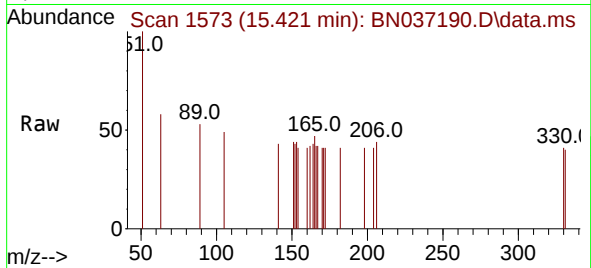




#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.032 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

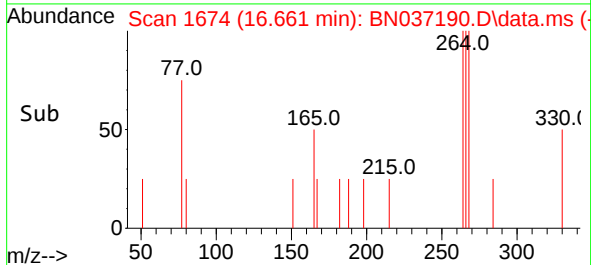
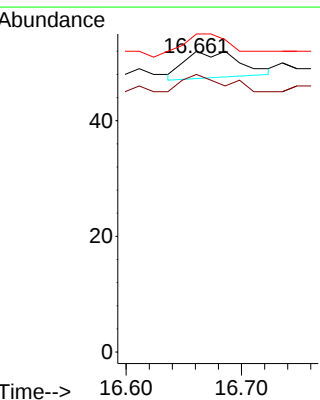
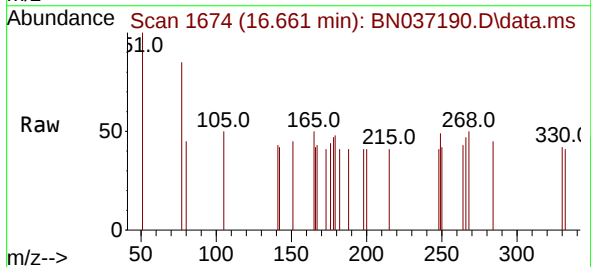
Instrument :
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PB168336BL

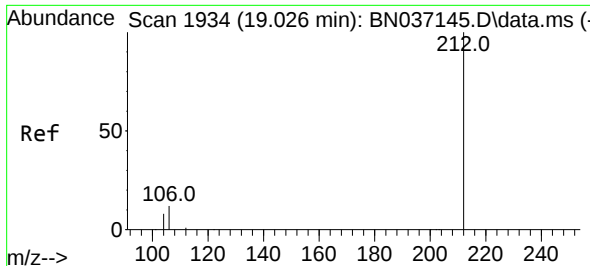
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 241.3 125.2 187.8#
105 117.4 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.225 ng
RT: 16.661 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 46.7 49.3 73.9#
268 86.7 49.0 73.4#

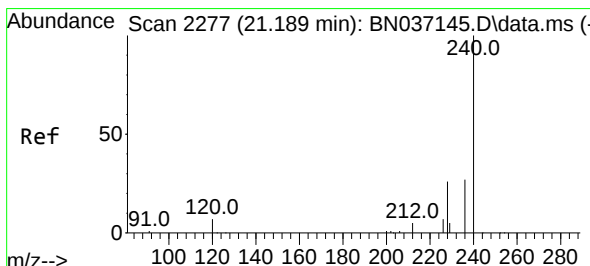
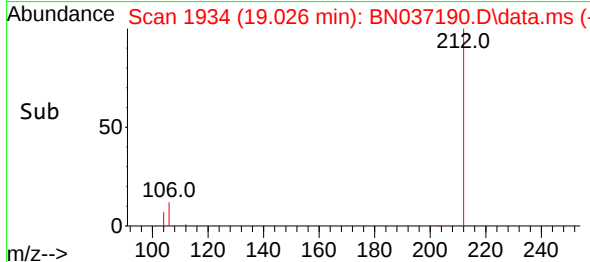
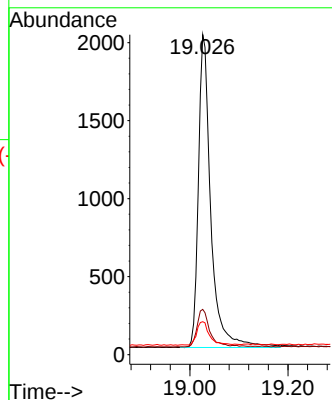
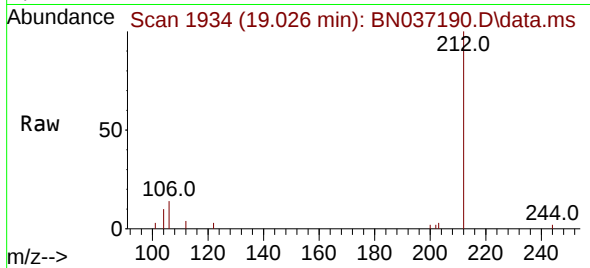




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

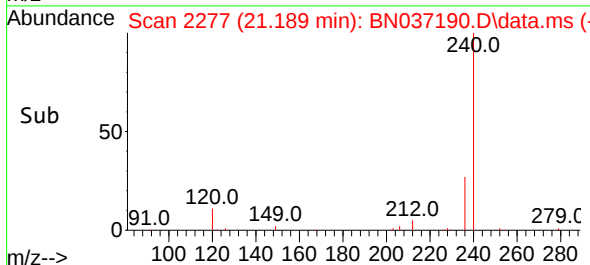
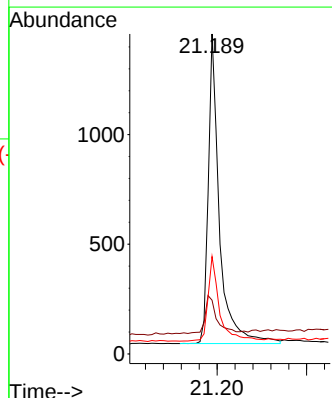
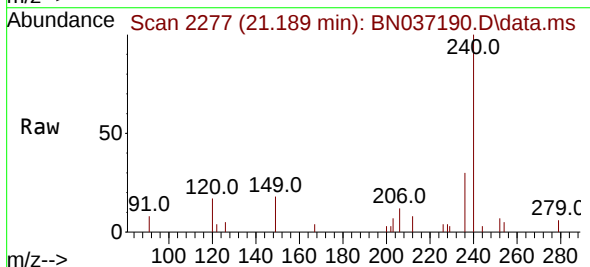
Instrument :
BNA_N
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PB168336BL

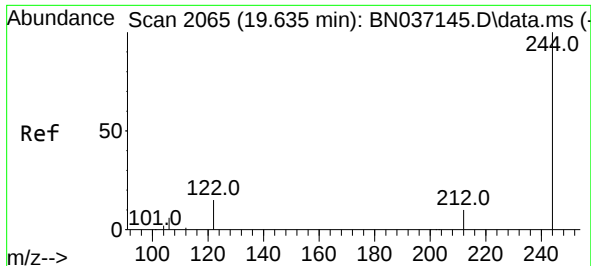
Tgt Ion:212 Resp: 3511
Ion Ratio Lower Upper
212 100
106 12.0 10.6 15.8
104 7.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

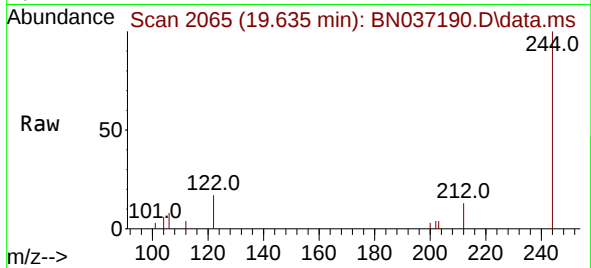
Tgt Ion:240 Resp: 2446
Ion Ratio Lower Upper
240 100
120 16.8 9.0 13.4#
236 30.4 23.0 34.4



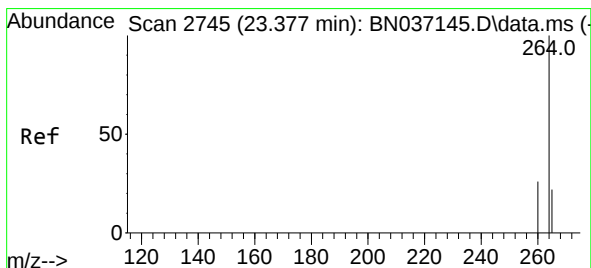
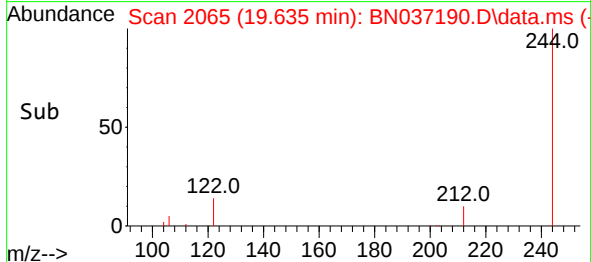
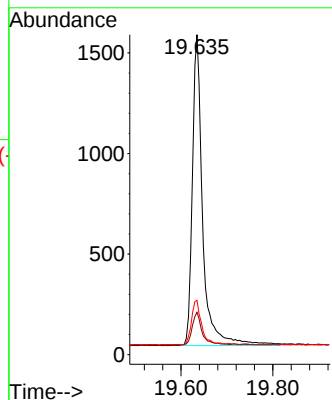


#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 19.635 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN037190.D
 Acq: 09 Jun 2025 11:30

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL



Tgt Ion:244 Resp: 2421
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.0 15.0
 122 17.0 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.386 min Scan# 2748
 Delta R.T. 0.009 min
 Lab File: BN037190.D
 Acq: 09 Jun 2025 11:30

Tgt Ion:264 Resp: 2291
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.1 33.1
 265 87.7 55.8 83.8#

