

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037260.D
 Acq On : 14 Jun 2025 13:59
 Operator : RC/JU
 Sample : PB168336BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

Quant Time: Jun 16 02:42:55 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)

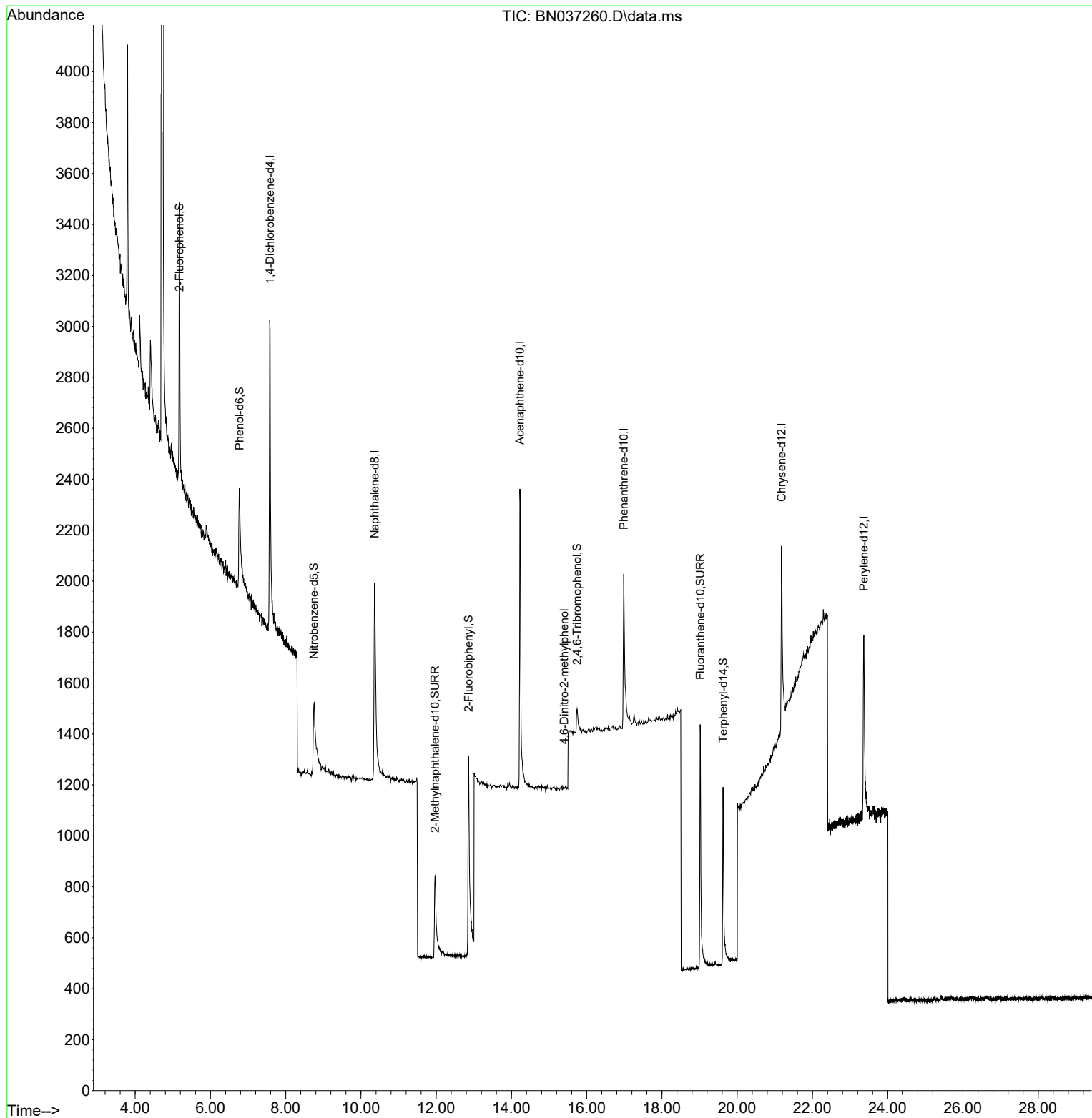
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	831	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	1866	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	978	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	1528	0.400	ng	0.01
29) Chrysene-d12	21.180	240	1234	0.400	ng	# 0.00
35) Perylene-d12	23.366	264	1221	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	813	0.398	ng	0.00
5) Phenol-d6	6.773	99	670	0.311	ng	0.01
8) Nitrobenzene-d5	8.749	82	592	0.321	ng	0.02
11) 2-Methylnaphthalene-d10	11.965	152	947	0.378	ng	0.01
14) 2,4,6-Tribromophenol	15.742	330	93	0.229	ng	0.01
15) 2-Fluorobiphenyl	12.858	172	1479	0.360	ng	0.01
27) Fluoranthene-d10	19.017	212	1686	0.422	ng	0.00
31) Terphenyl-d14	19.625	244	1129	0.405	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.400	198	1	0.119	ng	# 49

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

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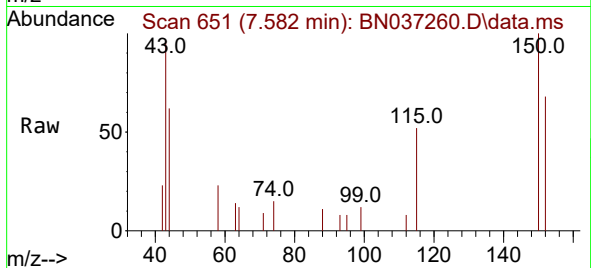
Quant Time: Jun 16 02:42:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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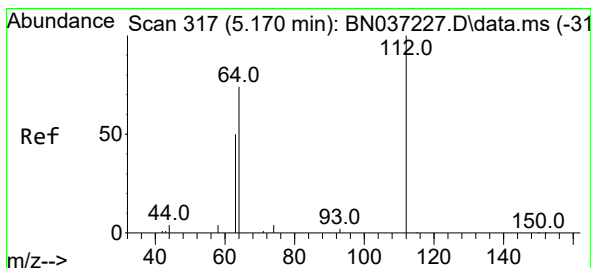
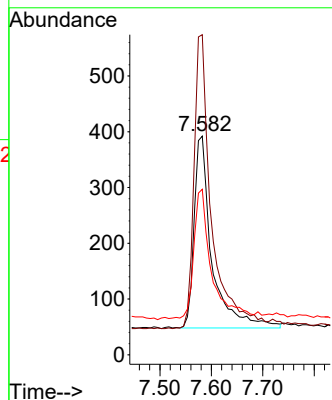
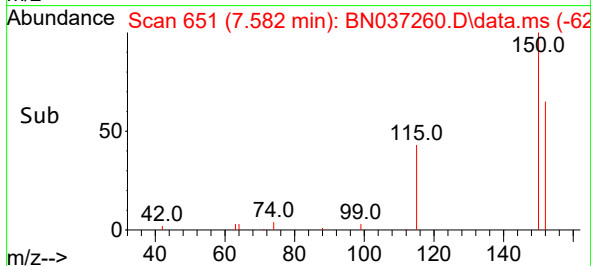


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

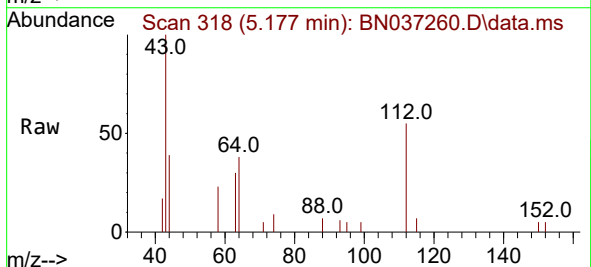
Instrument :
BNA_N
ClientSampleId :
PB168336BL



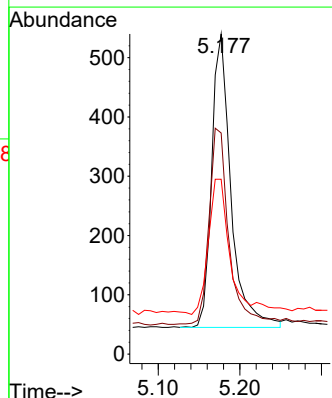
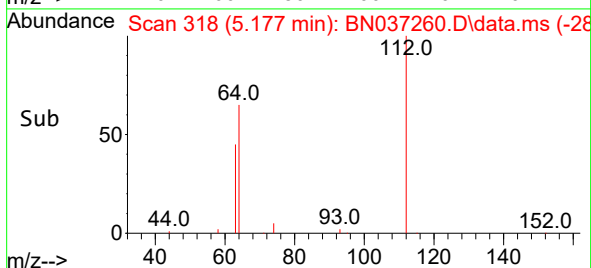
Tgt Ion:152 Resp: 831
Ion Ratio Lower Upper
152 100
150 146.4 125.2 187.8
115 75.8 58.4 87.6

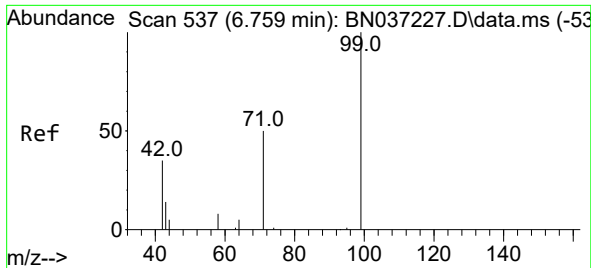


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59



Tgt Ion:112 Resp: 813
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 53.9 39.8 59.6

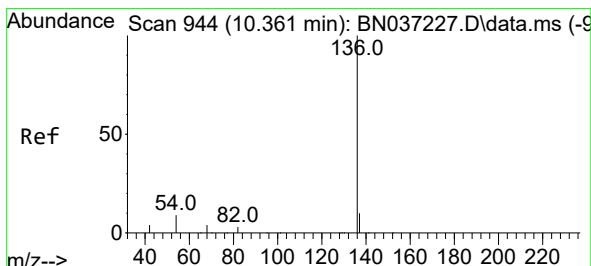
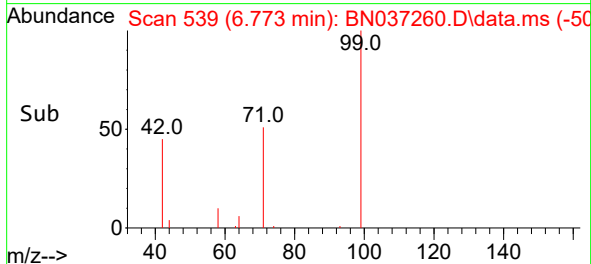
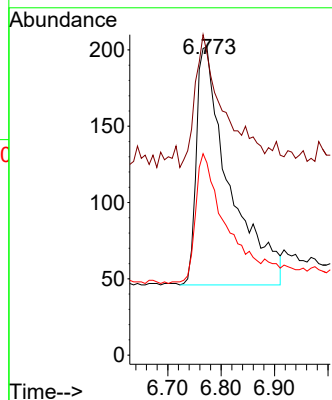
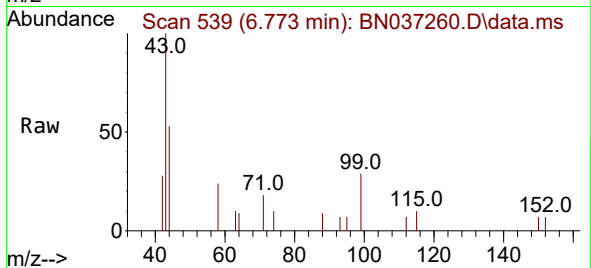




#5
Phenol-d6
Concen: 0.311 ng
RT: 6.773 min Scan# 511
Delta R.T. 0.015 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

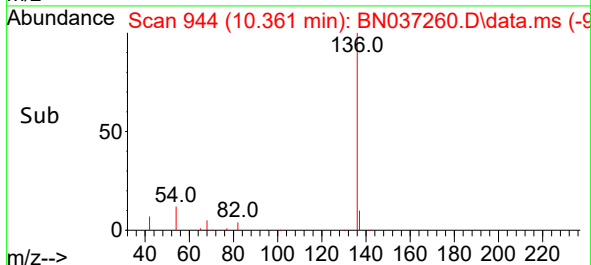
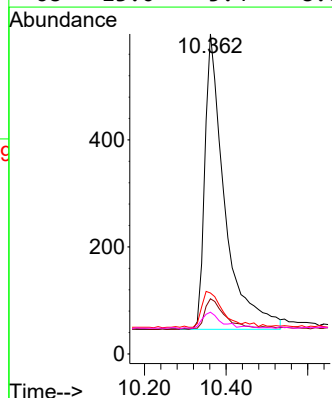
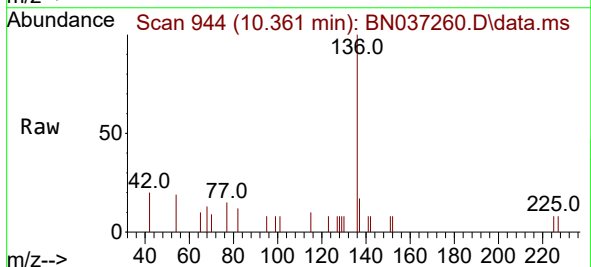
Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 99 Resp: 670
Ion Ratio Lower Upper
99 100
42 49.0 36.2 54.4
71 49.9 42.4 63.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Tgt Ion: 136 Resp: 1866
Ion Ratio Lower Upper
136 100
137 17.2 10.6 15.8#
54 19.1 9.2 13.8#
68 13.0 5.4 8.0#

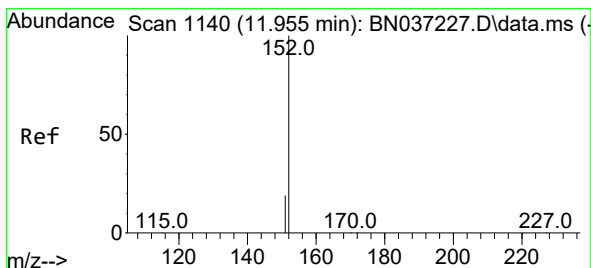
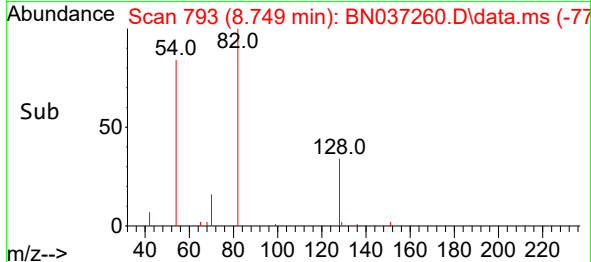
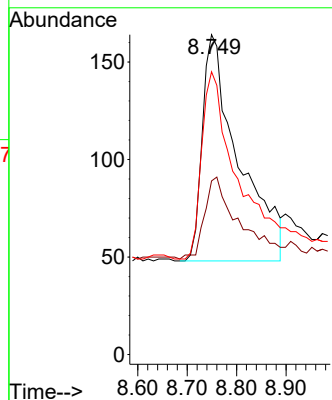
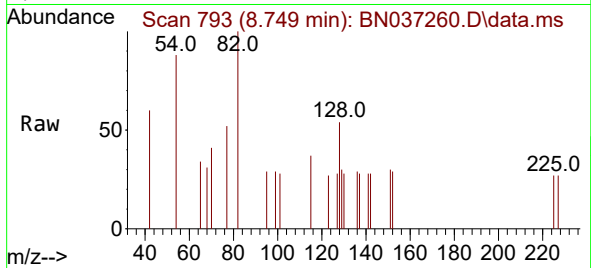




#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.749 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

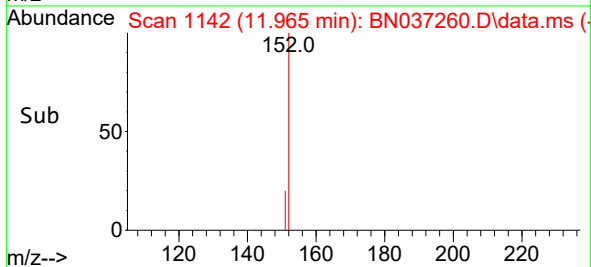
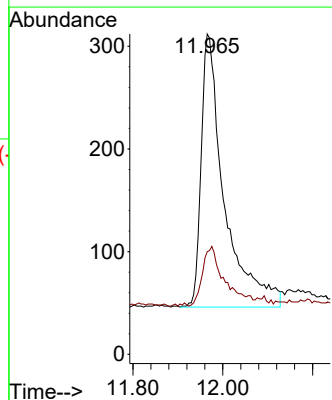
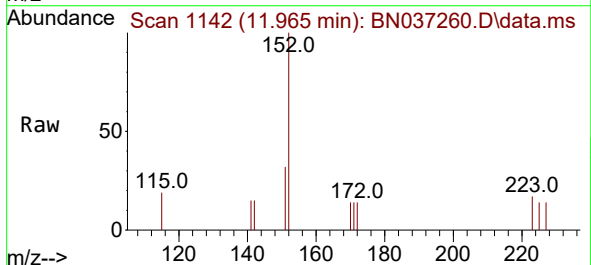
Instrument :
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ClientSampleId :
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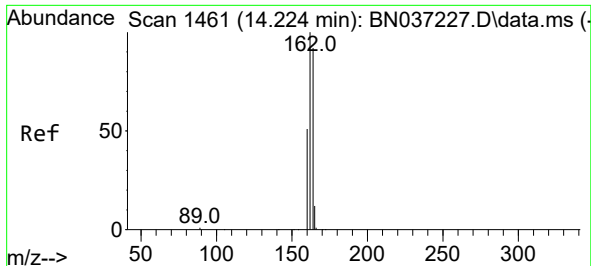
Tgt Ion: 82 Resp: 592
Ion Ratio Lower Upper
82 100
128 54.3 31.2 46.8#
54 88.4 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.965 min Scan# 1142
Delta R.T. 0.010 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Tgt Ion:152 Resp: 947
Ion Ratio Lower Upper
152 100
151 21.1 17.9 26.9

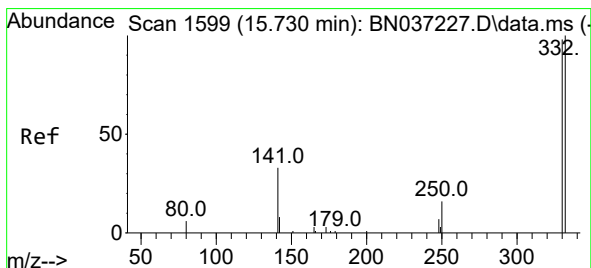
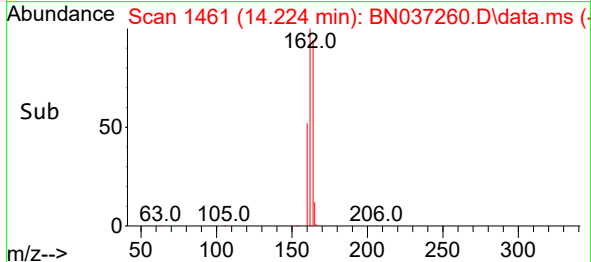
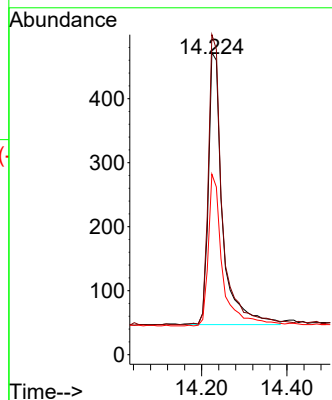
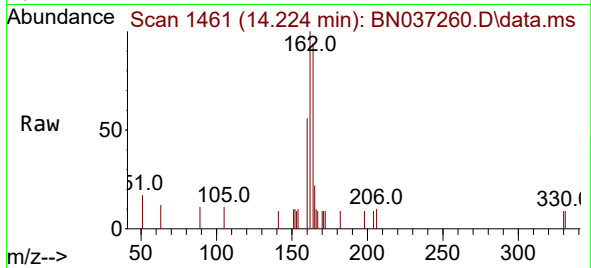




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

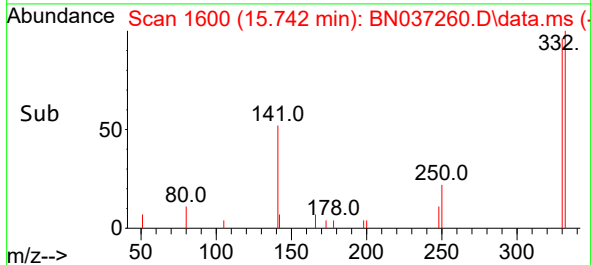
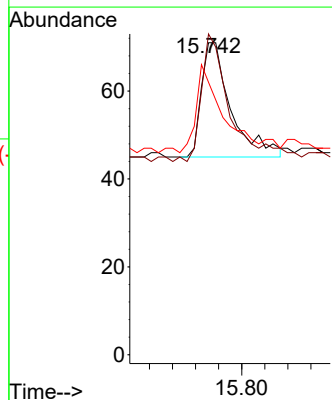
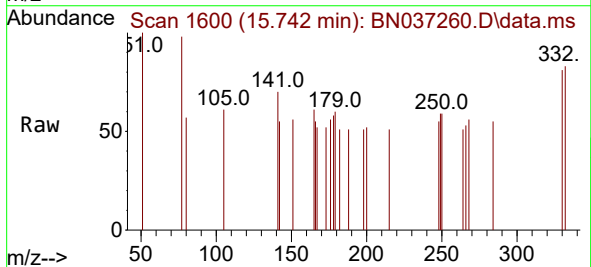
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BNA_N
ClientSampleId :
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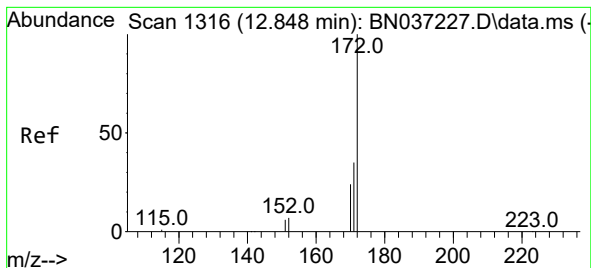
Tgt Ion:164 Resp: 978
Ion Ratio Lower Upper
164 100
162 105.9 86.7 130.1
160 59.7 45.8 68.6



#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.742 min Scan# 1600
Delta R.T. 0.012 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Tgt Ion:330 Resp: 93
Ion Ratio Lower Upper
330 100
332 108.6 74.9 112.3
141 69.9 45.1 67.7#

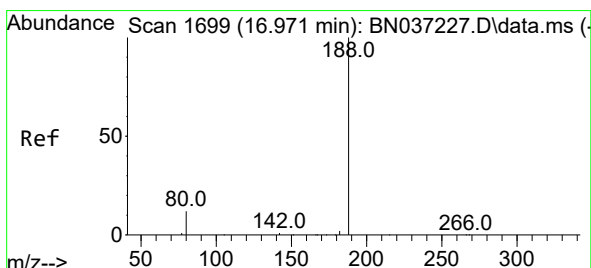
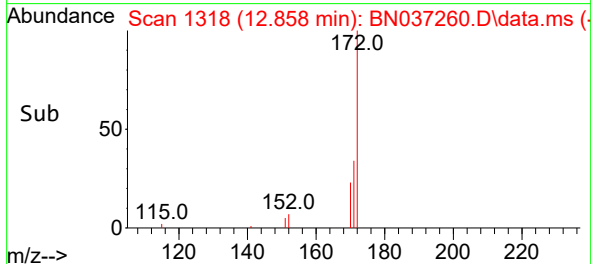
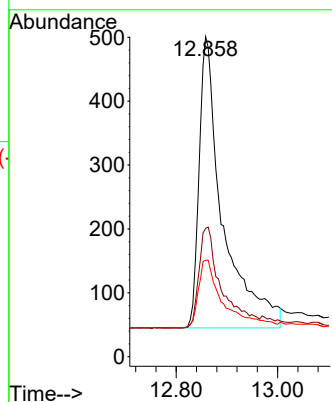
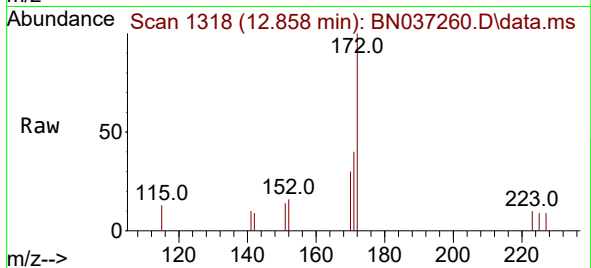




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.858 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

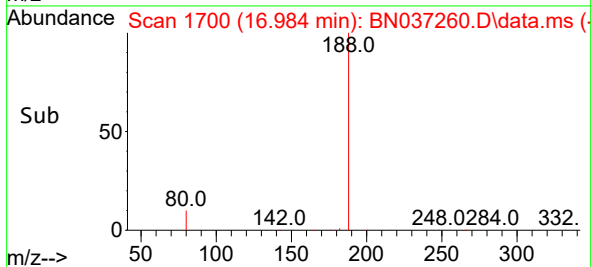
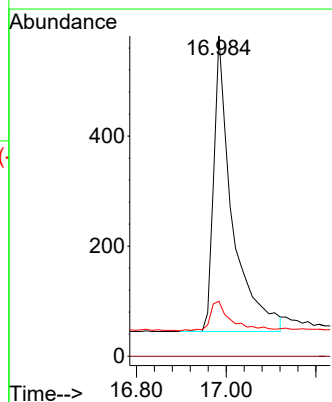
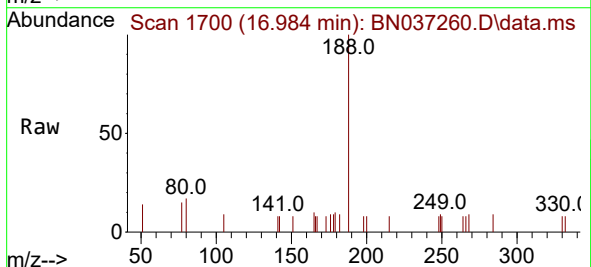
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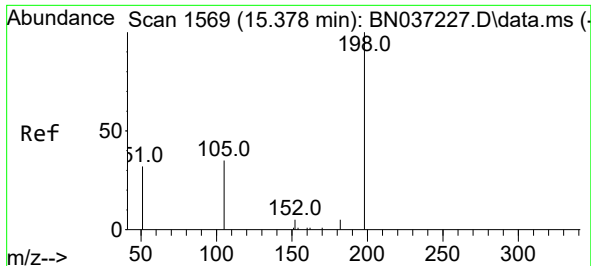
Tgt Ion:172 Resp: 1479
Ion Ratio Lower Upper
172 100
171 40.1 29.8 44.8
170 30.1 21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.013 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Tgt Ion:188 Resp: 1528
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.2 12.2 18.4

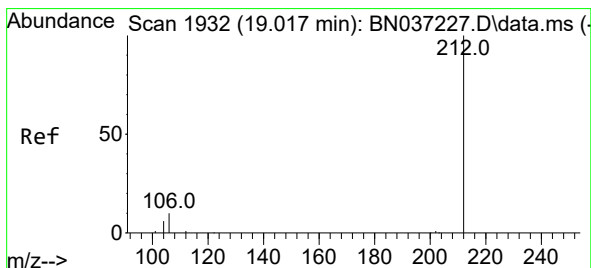
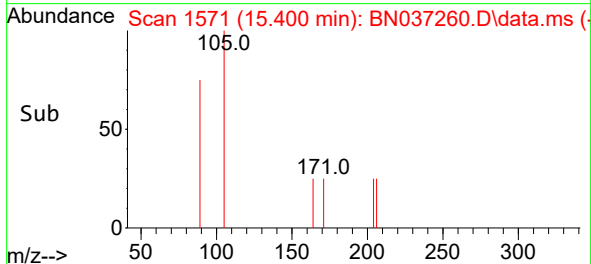
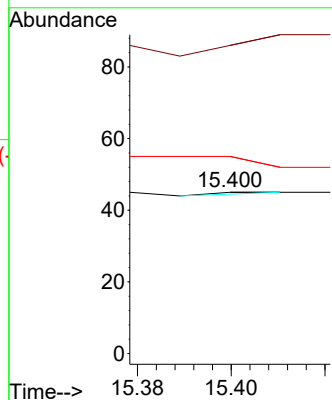
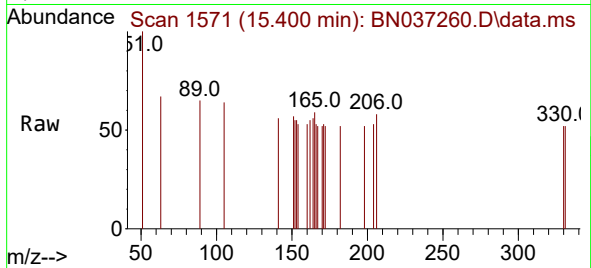




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.400 min Scan# 1571
Delta R.T. 0.022 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

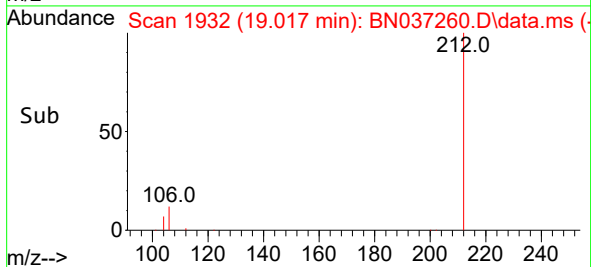
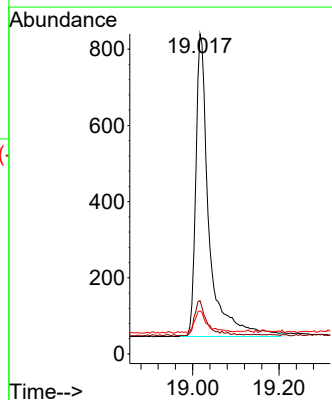
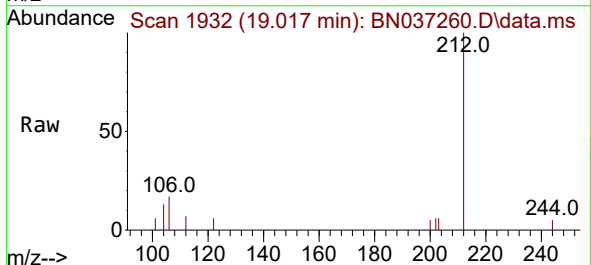
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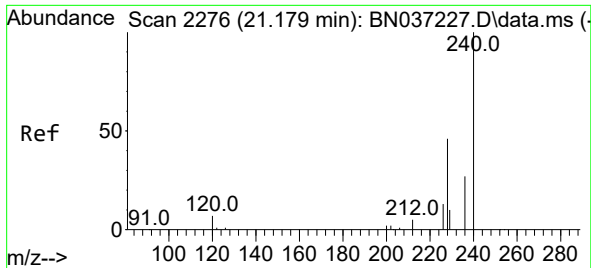
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.1 111.2 166.8#
105 122.2 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Tgt Ion:212 Resp: 1686
Ion Ratio Lower Upper
212 100
106 10.0 9.3 13.9
104 7.4 5.7 8.5

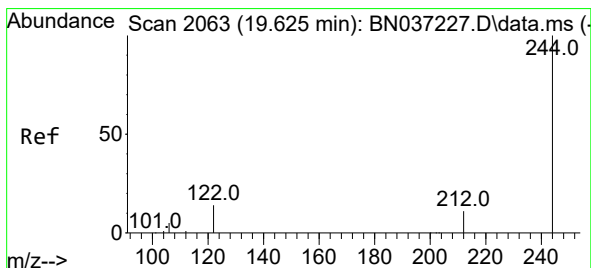
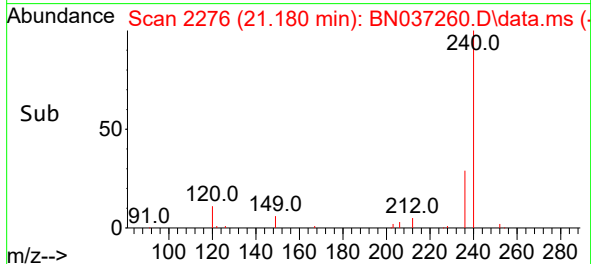
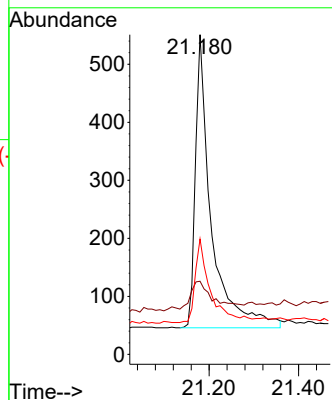
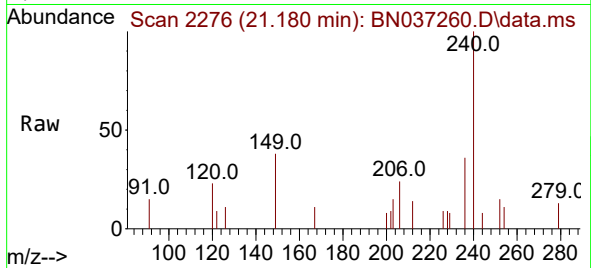




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

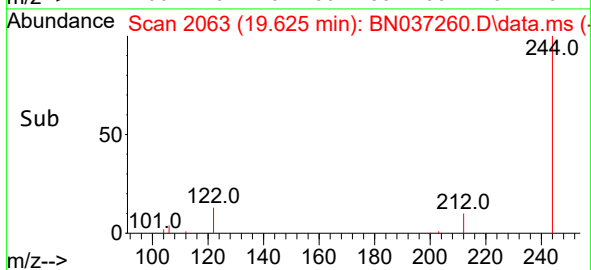
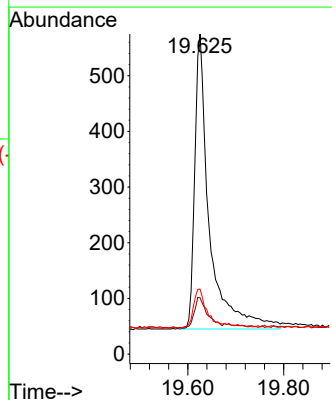
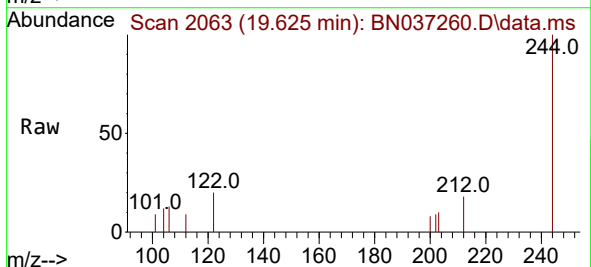
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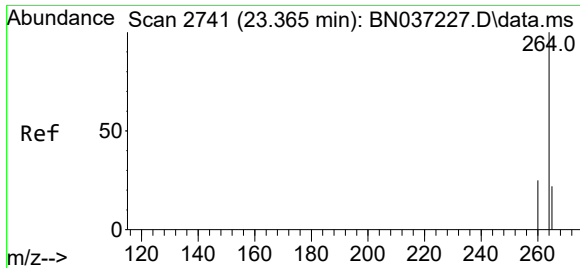
Tgt Ion:240 Resp: 1234
Ion Ratio Lower Upper
240 100
120 22.9 11.3 16.9#
236 36.1 24.4 36.6



#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.625 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

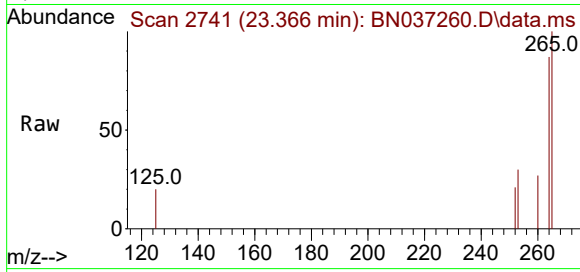
Tgt Ion:244 Resp: 1129
Ion Ratio Lower Upper
244 100
212 17.6 12.2 18.2
122 20.3 14.3 21.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037260.D
Acq: 14 Jun 2025 13:59

Instrument :
BNA_N
ClientSampleId :
PB168336BL



Tgt Ion:	264	Resp:	1221
Ion	Ratio	Lower	Upper
264	100		
260	31.1	22.8	34.2
265	115.3	66.4	99.6

