

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037275.D
 Acq On : 14 Jun 2025 23:43
 Operator : RC/JU
 Sample : Q2314-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-880-882

Quant Time: Jun 16 02:46:15 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)

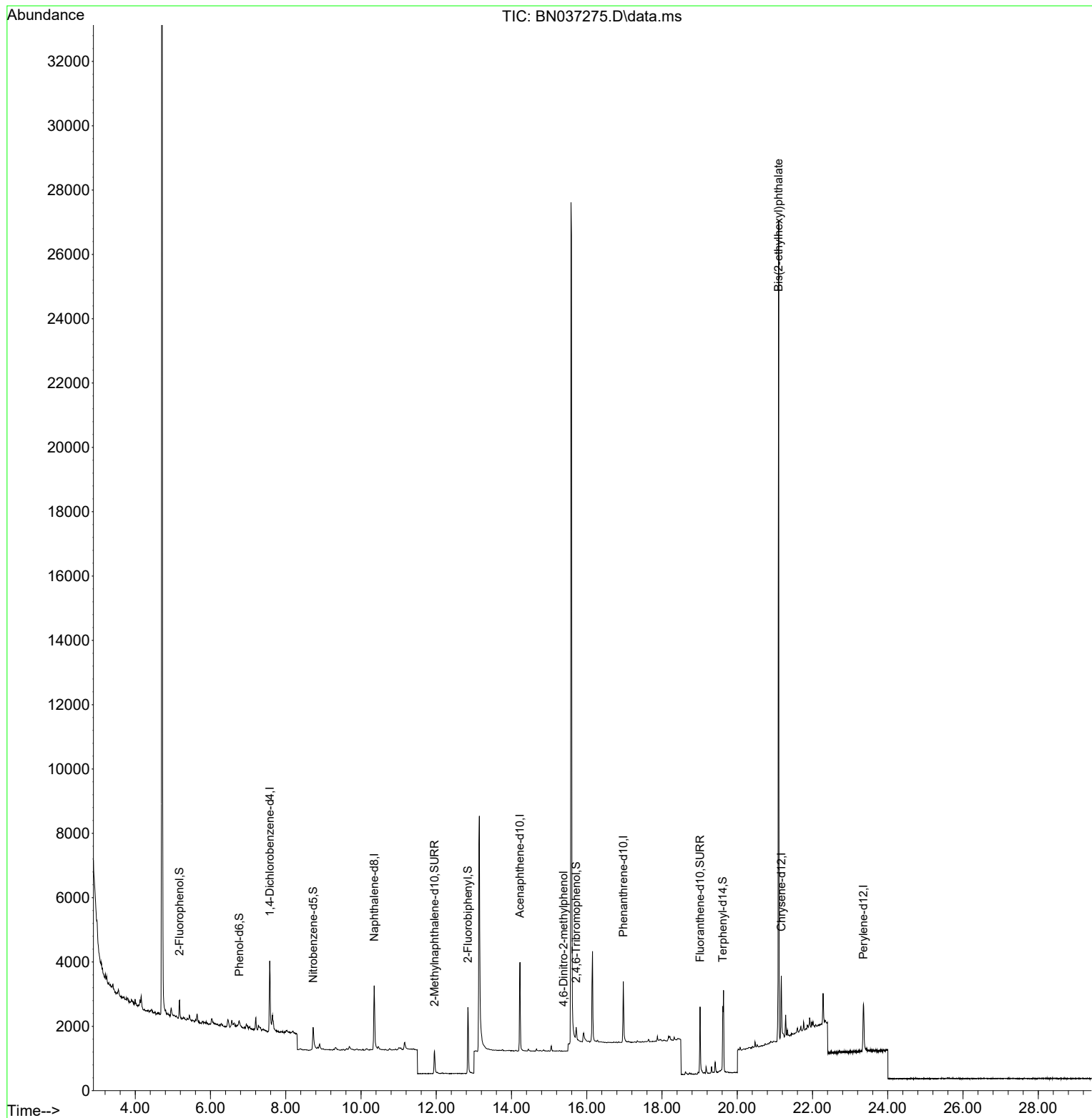
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1138	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2846	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1516	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2706	0.400	ng	# 0.00
29) Chrysene-d12	21.171	240	2168	0.400	ng	0.00
35) Perylene-d12	23.354	264	2115	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	392	0.140	ng	0.00
5) Phenol-d6	6.766	99	212	0.072	ng	0.00
8) Nitrobenzene-d5	8.728	82	794	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1168	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	206	0.327	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	2006	0.315	ng	0.00
27) Fluoranthene-d10	19.012	212	2517	0.356	ng	0.00
31) Terphenyl-d14	19.616	244	1907	0.389	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.378	198	2	0.119	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.099	149	20928	3.839	ng	# 99

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

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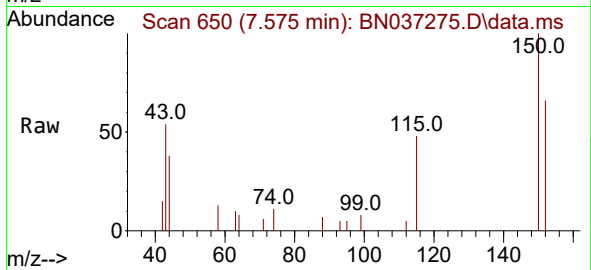
Quant Time: Jun 16 02:46:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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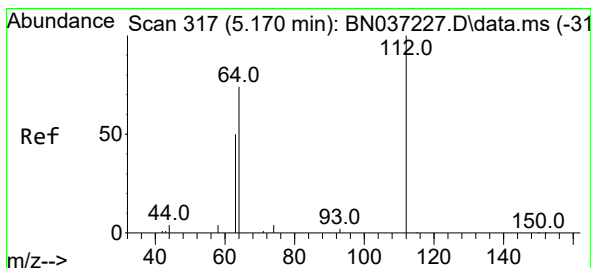
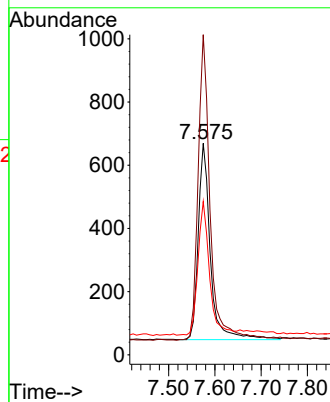
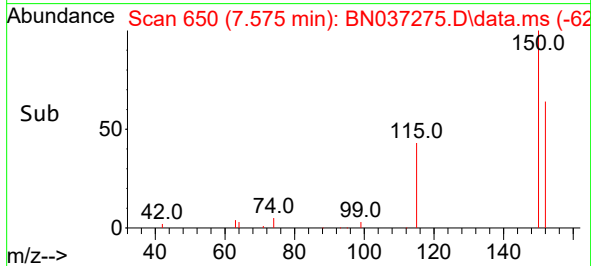


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-880-882

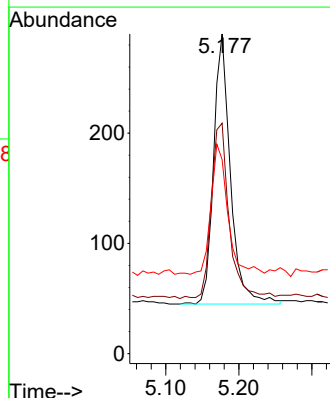
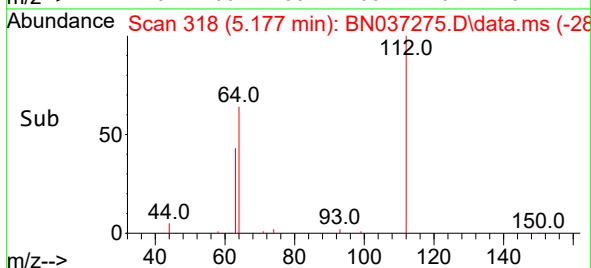
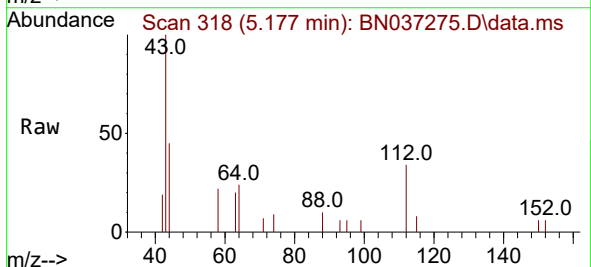


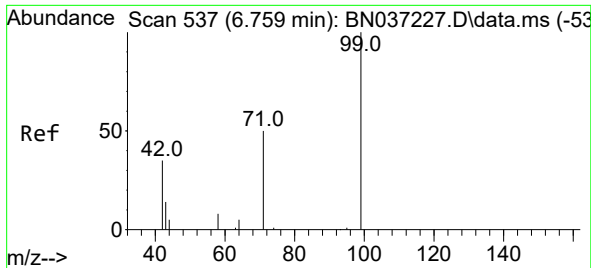
Tgt Ion:152 Resp: 1138
Ion Ratio Lower Upper
152 100
150 151.4 125.2 187.8
115 72.5 58.4 87.6



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion:112 Resp: 392
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 49.0 39.8 59.6

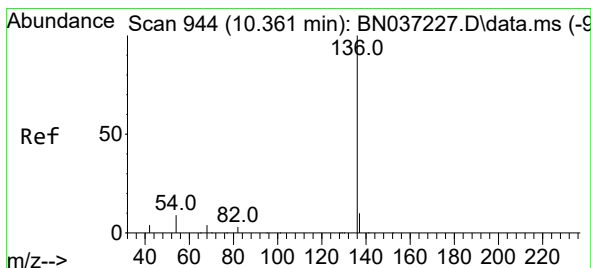
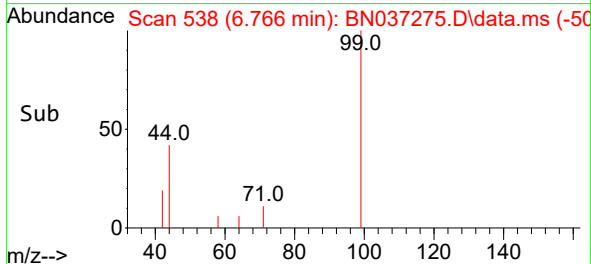
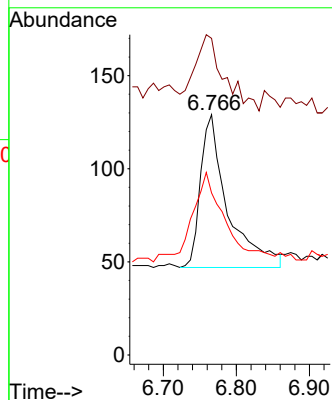
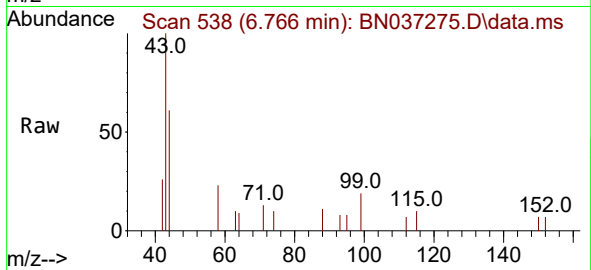




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.766 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

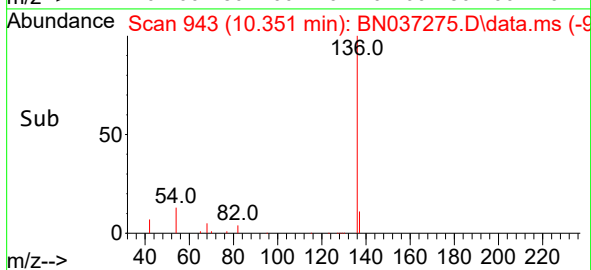
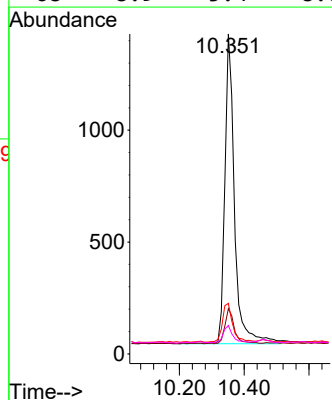
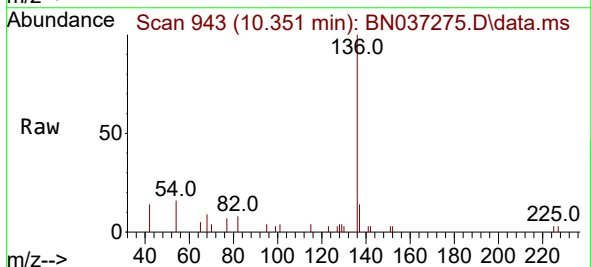
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-880-882

Tgt Ion: 99 Resp: 212
Ion Ratio Lower Upper
99 100
42 54.7 36.2 54.4#
71 71.2 42.4 63.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion: 136 Resp: 2846
Ion Ratio Lower Upper
136 100
137 14.1 10.6 15.8
54 15.8 9.2 13.8#
68 8.9 5.4 8.0#

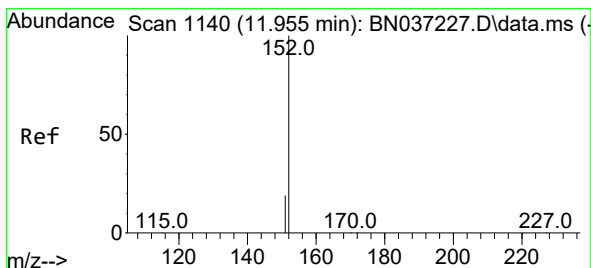
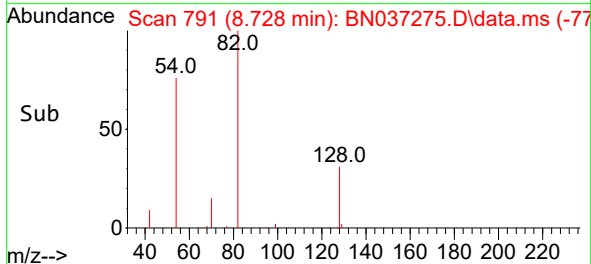
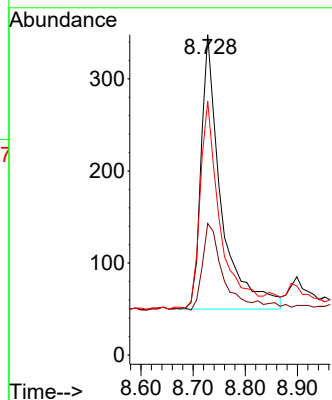
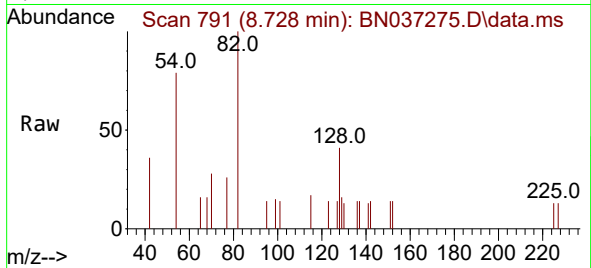




#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

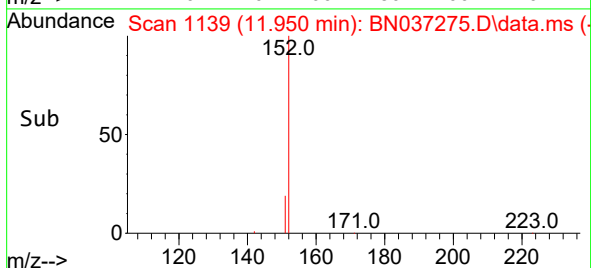
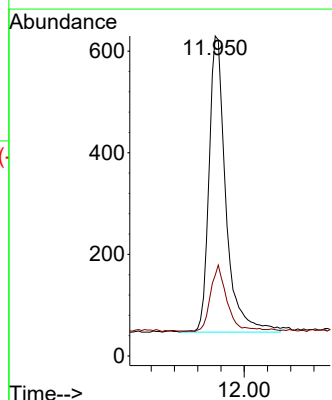
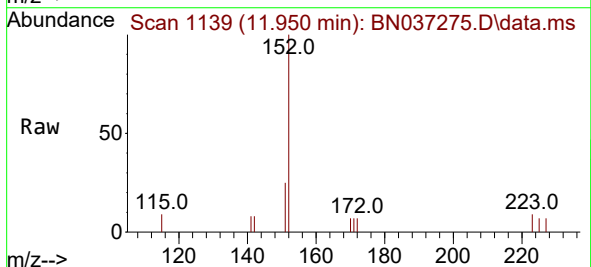
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-880-882

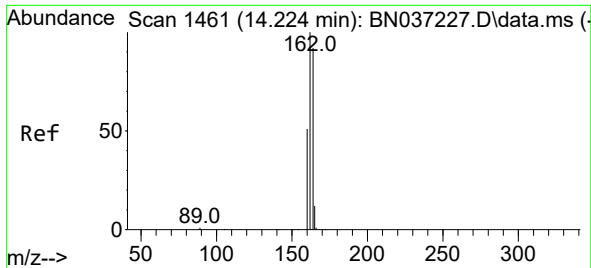
Tgt Ion:	82	Resp:	794
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.2	46.8
54	79.3	63.3	94.9



#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion:	152	Resp:	1168
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.9	26.9

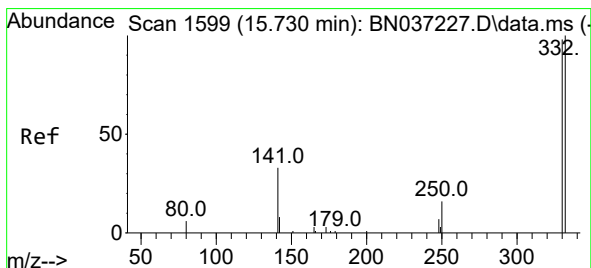
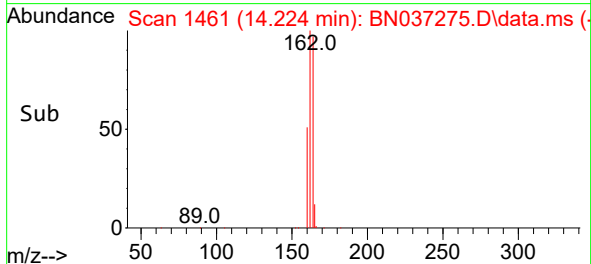
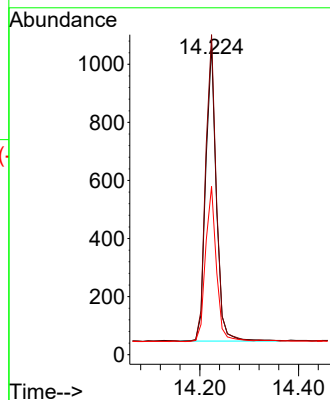
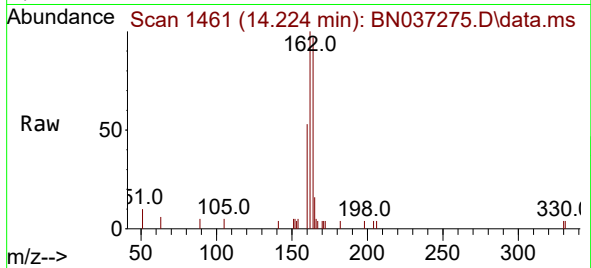




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

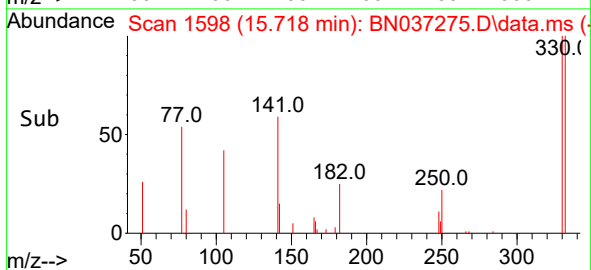
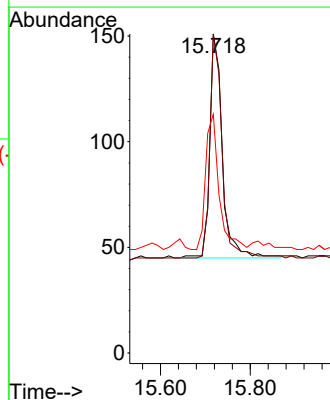
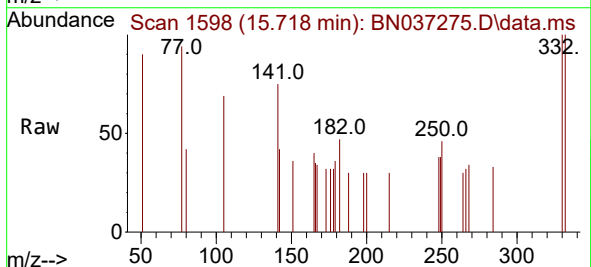
Instrument :
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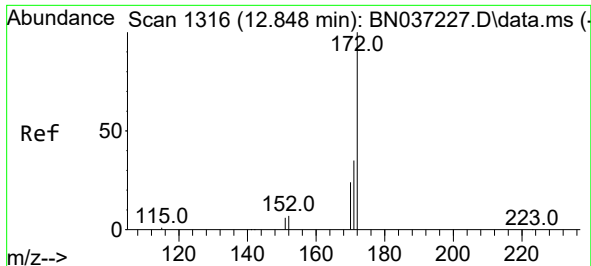
Tgt Ion:164 Resp: 1516
Ion Ratio Lower Upper
164 100
162 103.2 86.7 130.1
160 54.2 45.8 68.6



#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion:330 Resp: 206
Ion Ratio Lower Upper
330 100
332 97.1 74.9 112.3
141 64.1 45.1 67.7

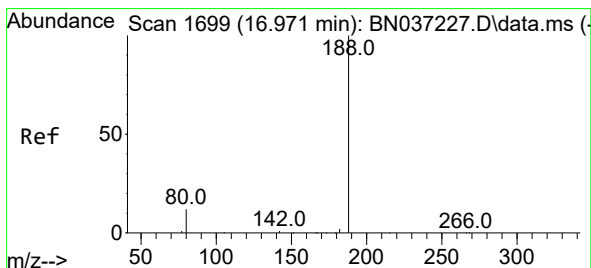
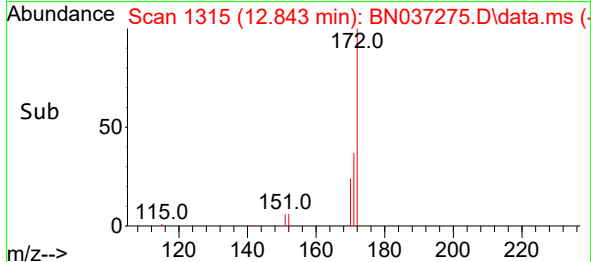
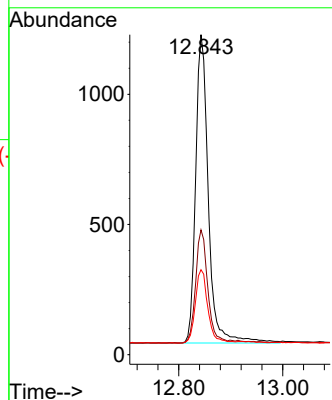
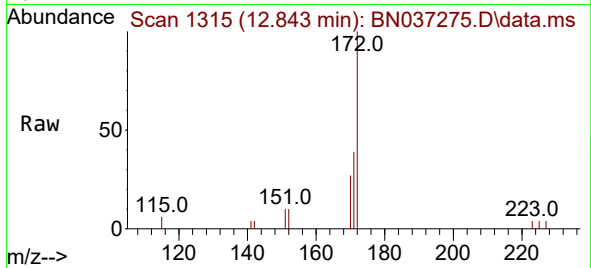




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.843 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

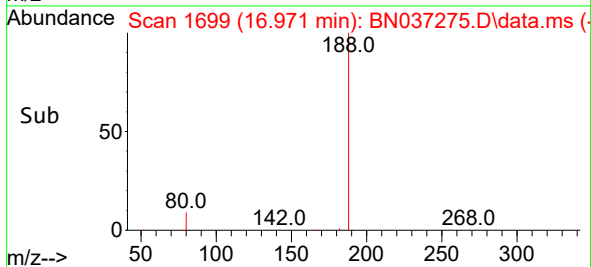
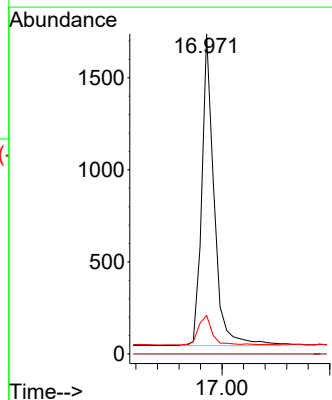
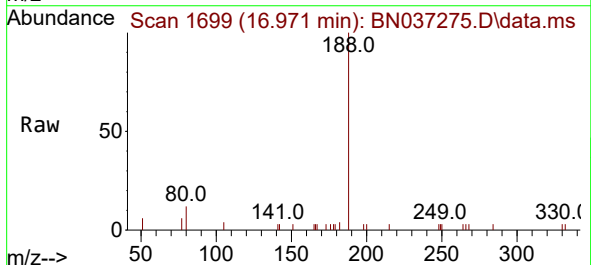
Instrument :
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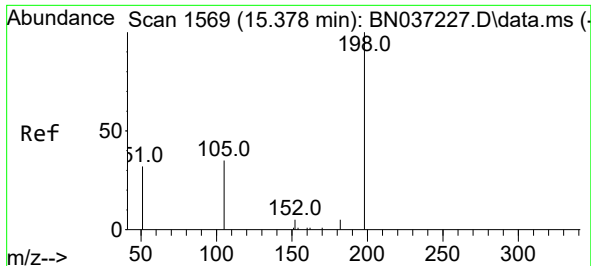
Tgt Ion:172 Resp: 2006
Ion Ratio Lower Upper
172 100
171 39.0 29.8 44.8
170 26.5 21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion:188 Resp: 2706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 12.2 18.4#

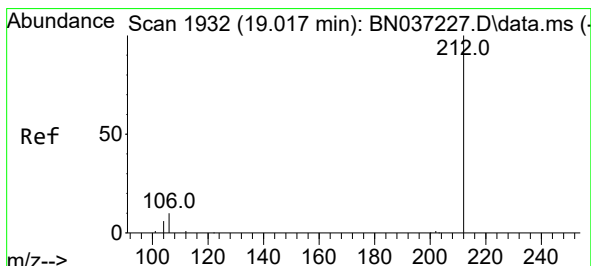
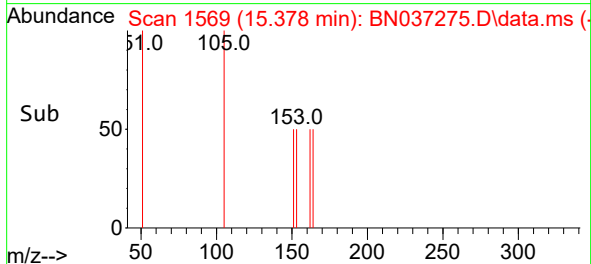
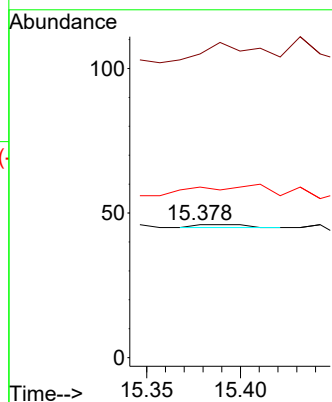
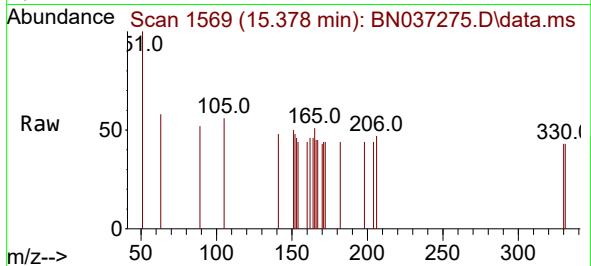




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

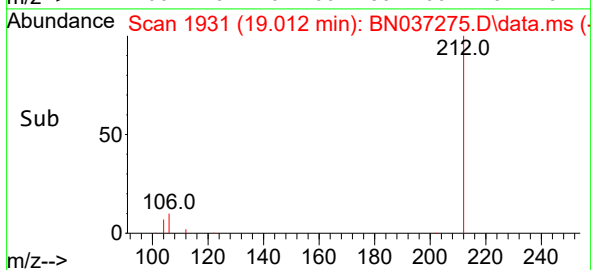
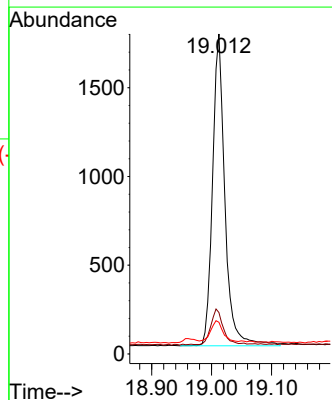
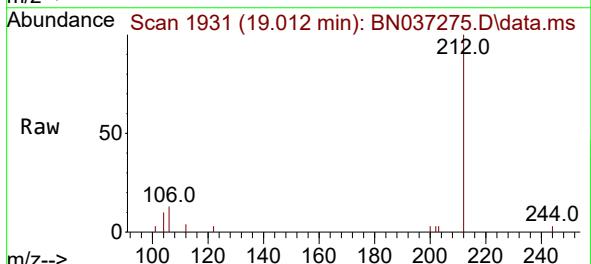
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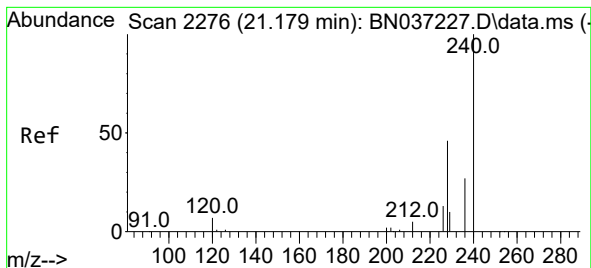
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 228.3 111.2 166.8#
105 128.3 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037275.D
Acq: 14 Jun 2025 23:43

Tgt Ion:212 Resp: 2517
Ion Ratio Lower Upper
212 100
106 11.3 9.3 13.9
104 6.8 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: BN037275.D

Acq: 14 Jun 2025 23:43

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-880-882

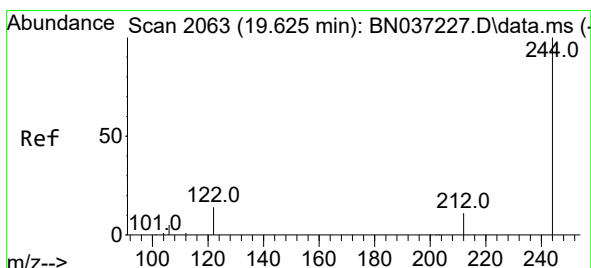
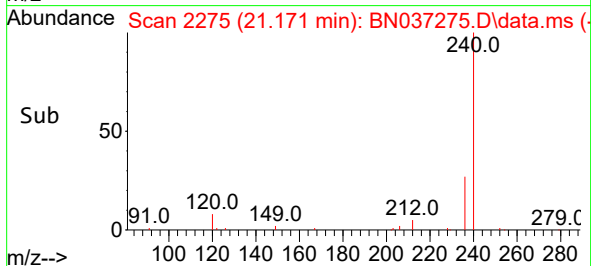
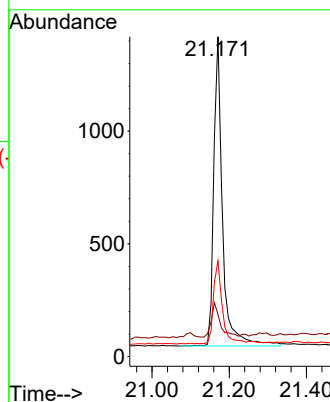
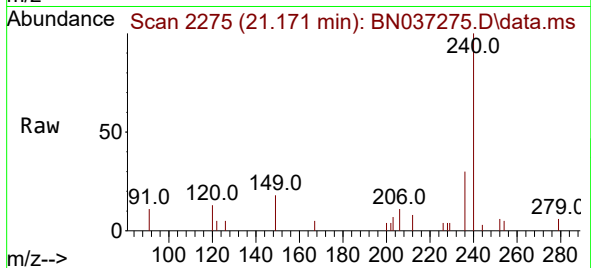
Tgt Ion:240 Resp: 2168

Ion Ratio Lower Upper

240 100

120 13.2 11.3 16.9

236 29.9 24.4 36.6



#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037275.D

Acq: 14 Jun 2025 23:43

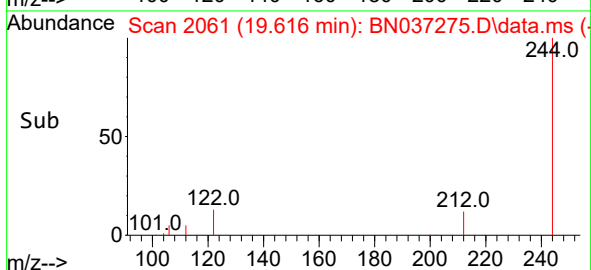
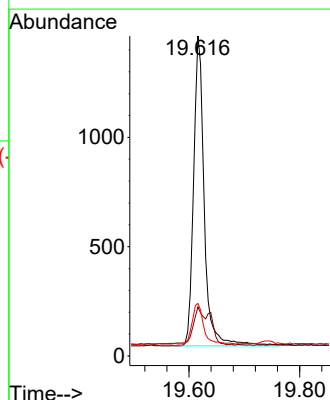
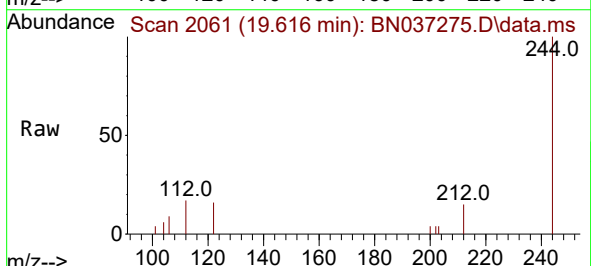
Tgt Ion:244 Resp: 1907

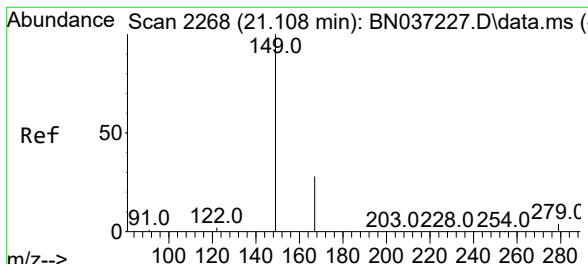
Ion Ratio Lower Upper

244 100

212 15.3 12.2 18.2

122 16.4 14.3 21.5

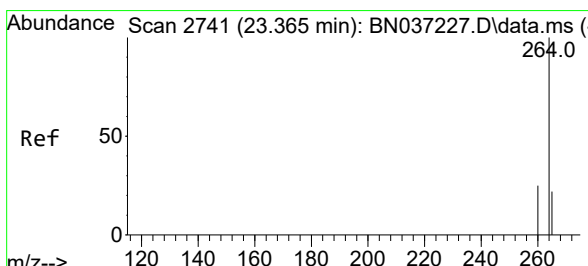
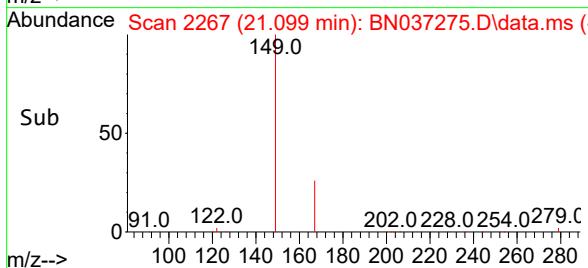
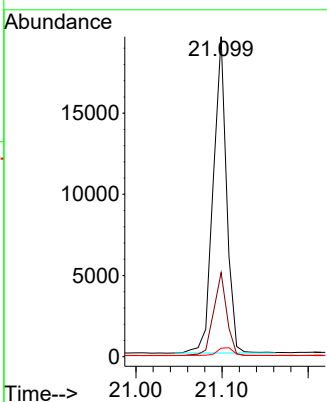
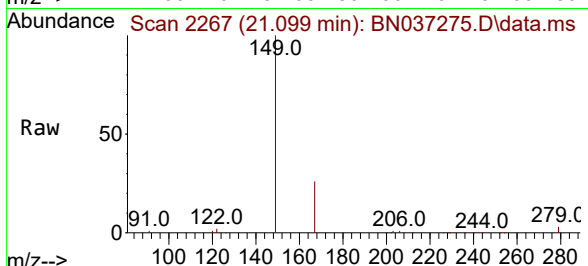




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 3.839 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037275.D
 Acq: 14 Jun 2025 23:43

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-880-882

Tgt Ion:	149	Resp:	20928
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	2.9	3.3	4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.354 min Scan# 2737
 Delta R.T. -0.012 min
 Lab File: BN037275.D
 Acq: 14 Jun 2025 23:43

Tgt Ion:	264	Resp:	2115
Ion Ratio	Lower	Upper	
264	100		
260	27.8	22.8	34.2
265	76.8	66.4	99.6

