

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037234.D
 Acq On : 13 Jun 2025 19:36
 Operator : RC/JU
 Sample : Q2275-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-060925

Quant Time: Jun 13 23:00:00 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)

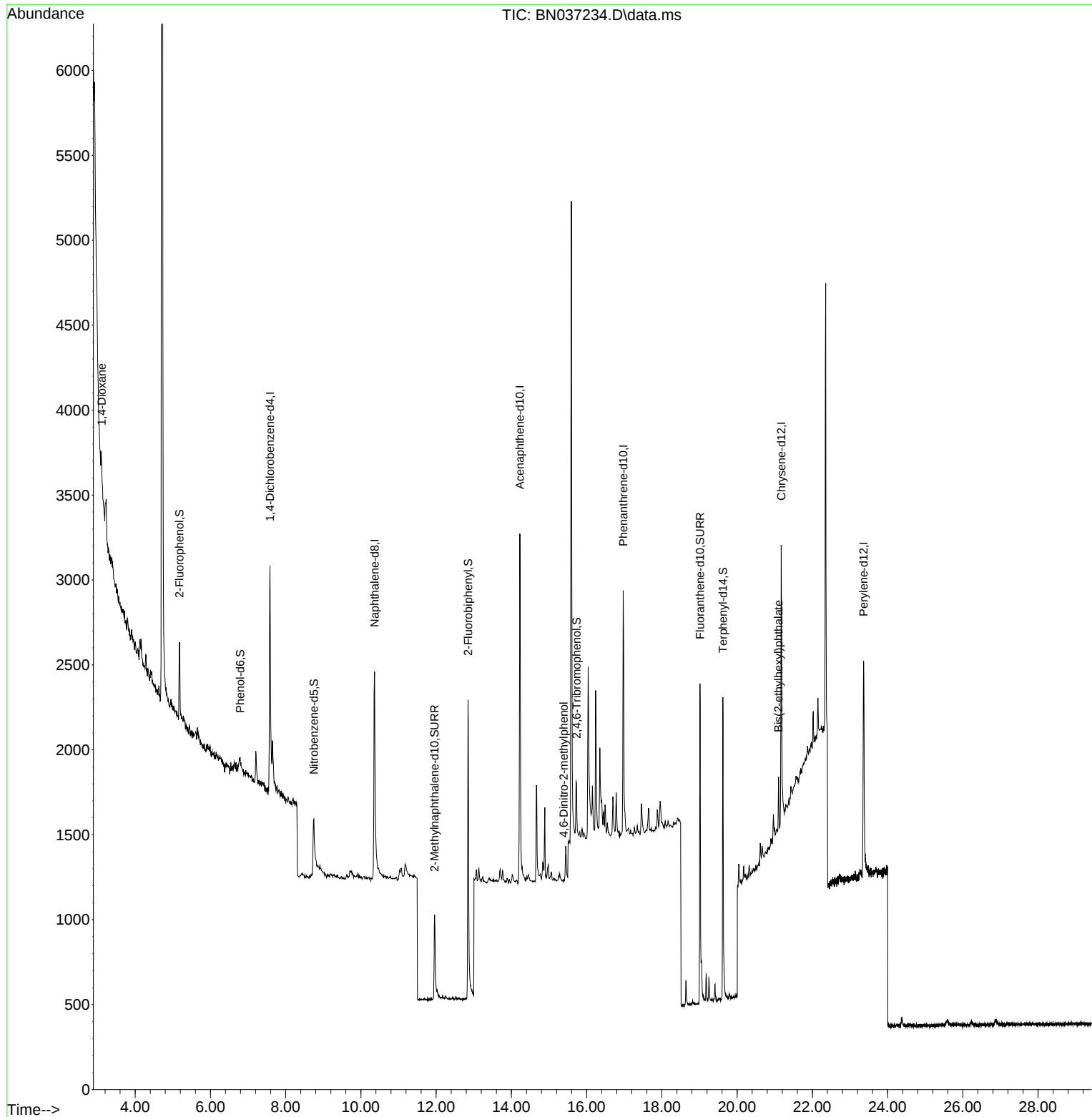
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	870	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2210	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1250	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2268	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1766	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	342	0.160	ng	0.00
5) Phenol-d6	6.788	99	178	0.079	ng	0.03
8) Nitrobenzene-d5	8.749	82	575	0.263	ng	0.02
11) 2-Methylnaphthalene-d10	11.955	152	978	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	219	0.422	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1931	0.368	ng	0.00
27) Fluoranthene-d10	19.012	212	2315	0.390	ng	0.00
31) Terphenyl-d14	19.621	244	1835	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.112	88	41	0.034	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.389	198	1	0.118	ng	# 29
34) Bis(2-ethylhexyl)phtha...	21.099	149	325	0.073	ng	# 92

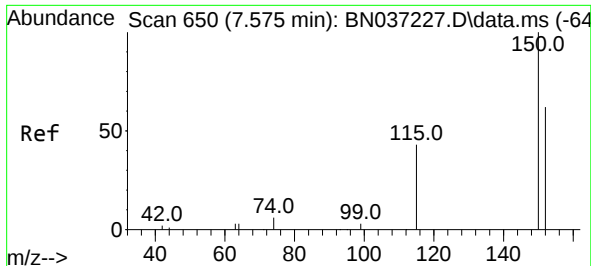
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
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Misc :
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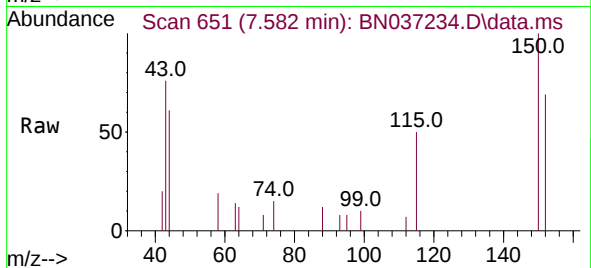
Quant Time: Jun 13 23:00:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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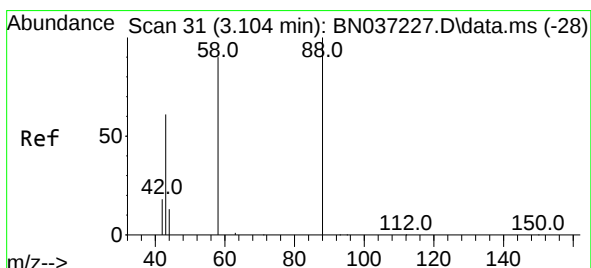
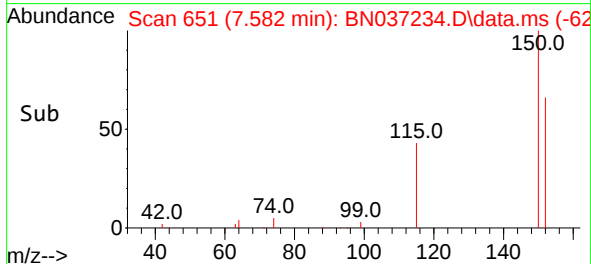
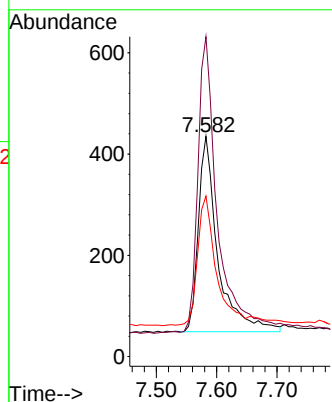


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037234.D
 Acq: 13 Jun 2025 19:36

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-060925

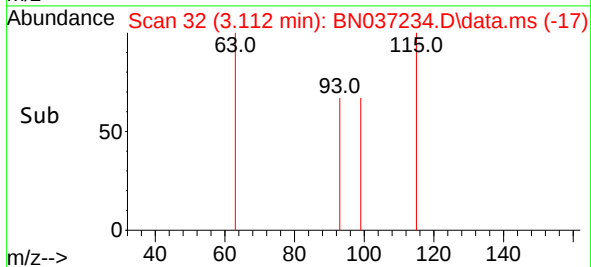
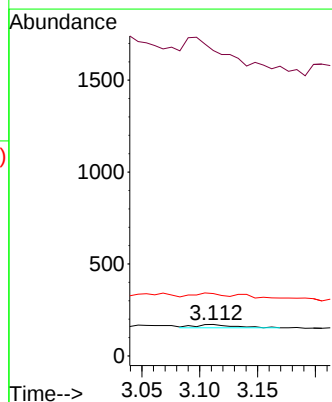
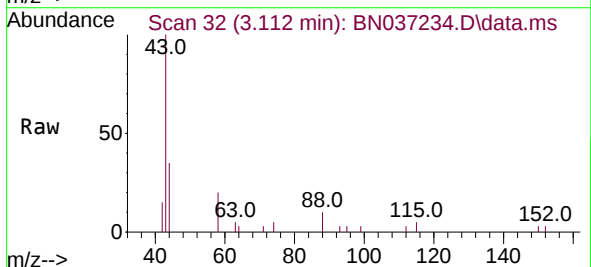


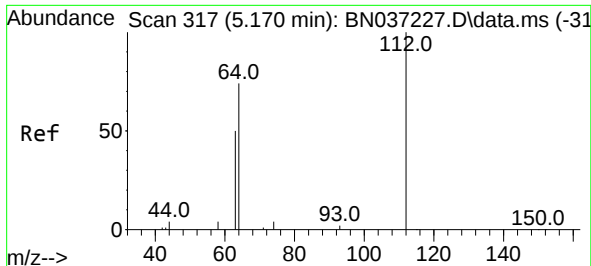
Tgt Ion: 152 Resp: 870
 Ion Ratio Lower Upper
 152 100
 150 145.3 125.2 187.8
 115 72.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.112 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037234.D
 Acq: 13 Jun 2025 19:36

Tgt Ion: 88 Resp: 41
 Ion Ratio Lower Upper
 88 100
 43 1100.0 52.6 79.0#
 58 75.6 73.5 110.3

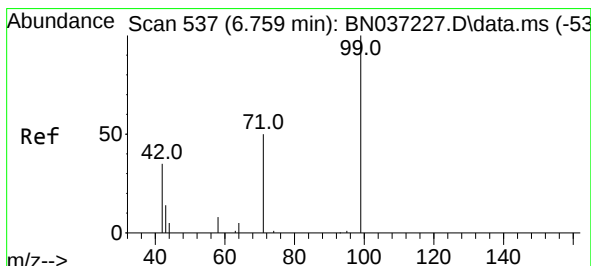
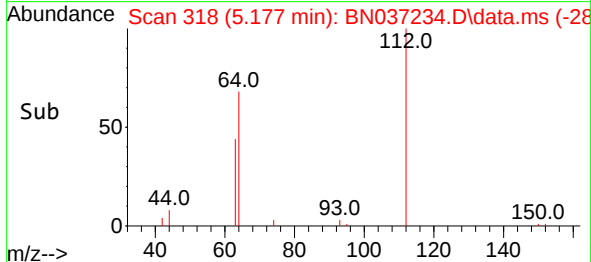
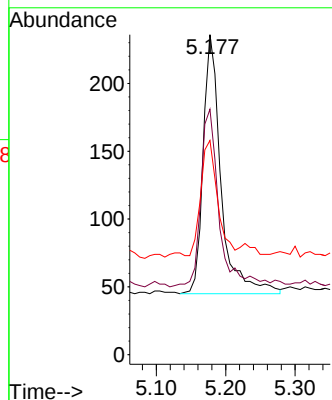
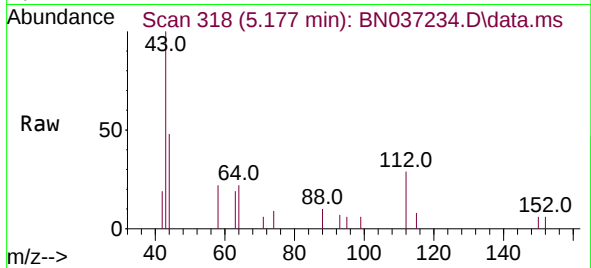




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

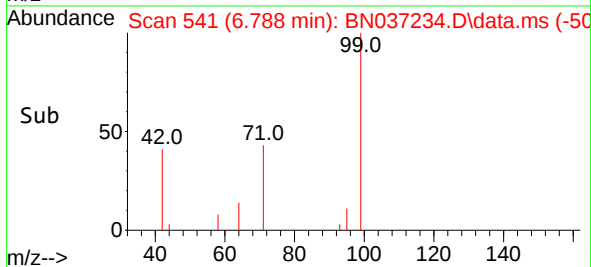
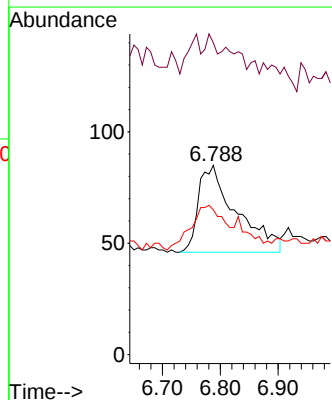
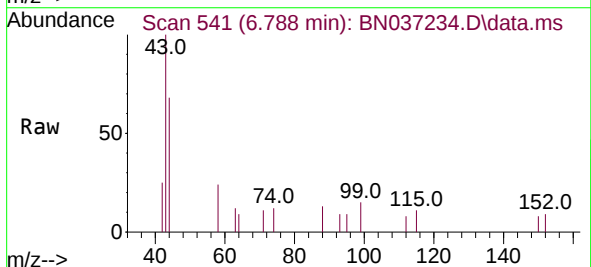
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BNA_N
ClientSampleId :
OW-08B-72.5-060925

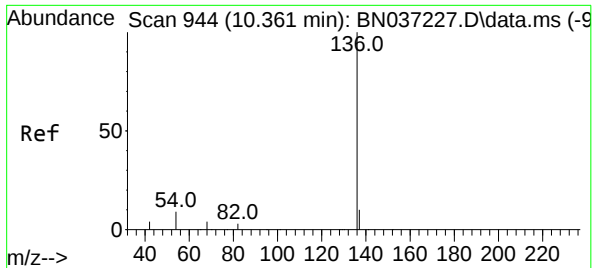
Tgt Ion:112 Resp: 342
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 41.2 39.8 59.6



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.788 min Scan# 541
Delta R.T. 0.029 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion: 99 Resp: 178
Ion Ratio Lower Upper
99 100
42 0.0 36.2 54.4#
71 43.3 42.4 63.6

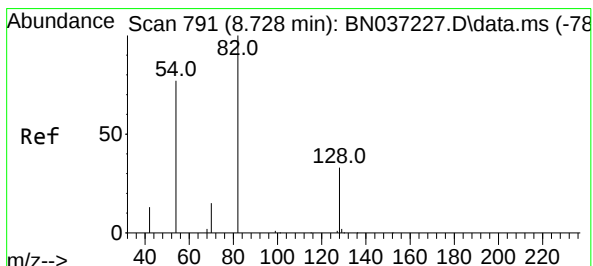
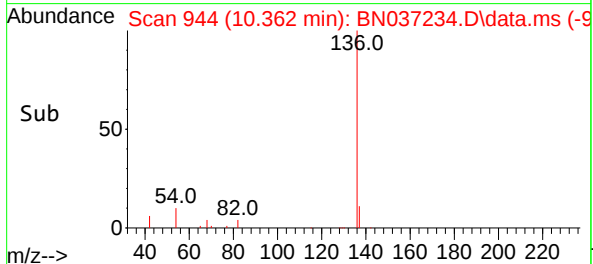
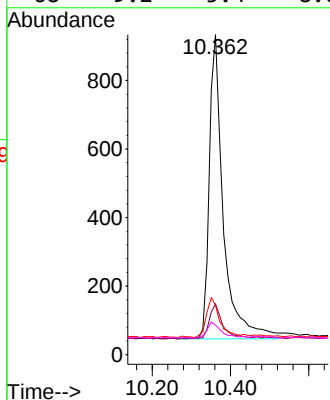
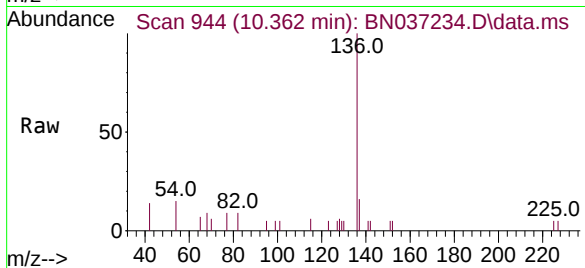




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

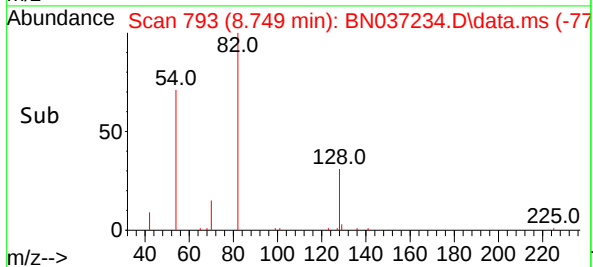
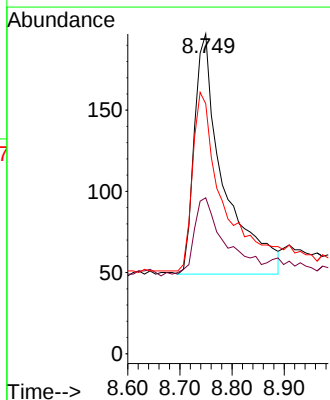
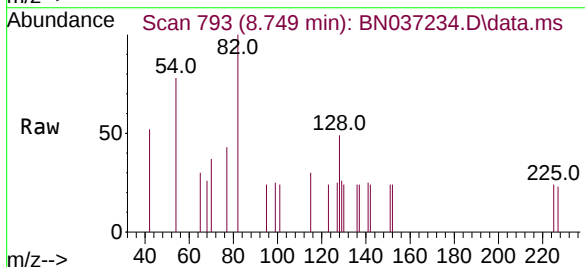
Instrument :
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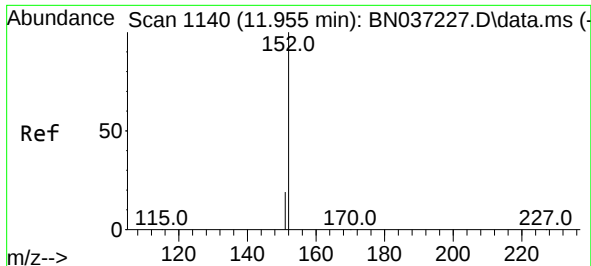
Tgt Ion:	136	Resp:	2210
Ion	Ratio	Lower	Upper
136	100		
137	15.8	10.6	15.8#
54	15.4	9.2	13.8#
68	9.2	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.022 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:	82	Resp:	575
Ion	Ratio	Lower	Upper
82	100		
128	48.7	31.2	46.8#
54	78.2	63.3	94.9

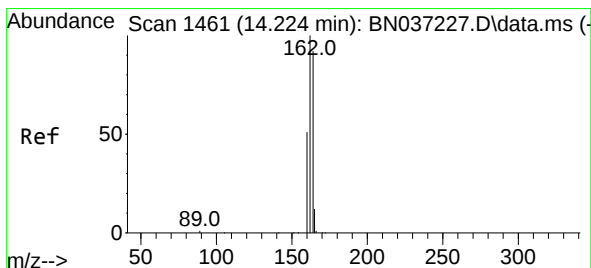
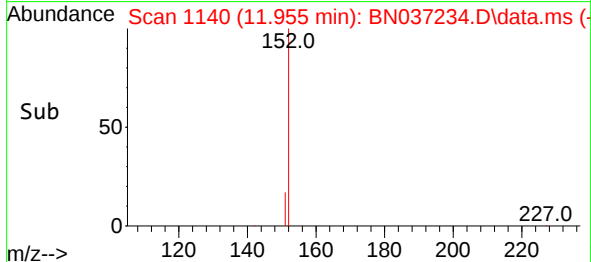
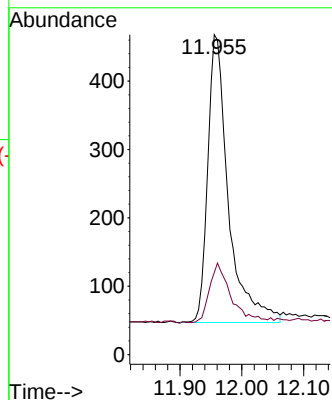
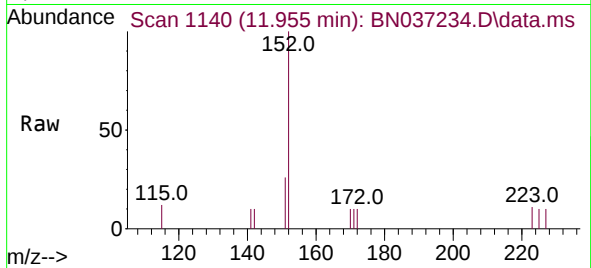




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

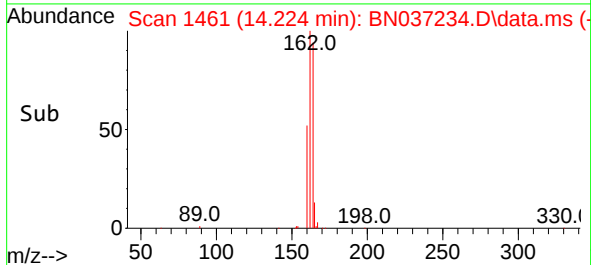
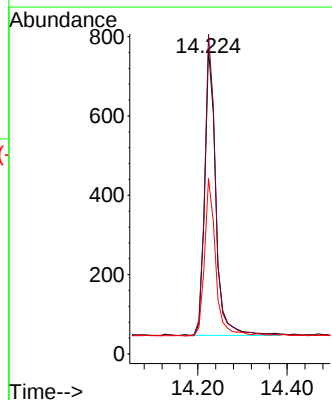
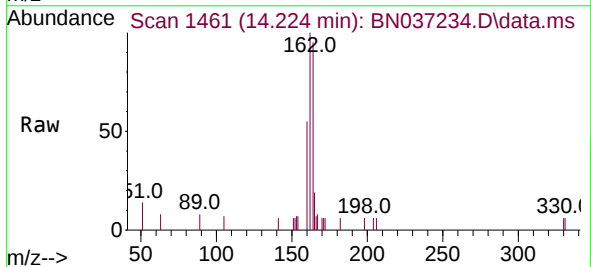
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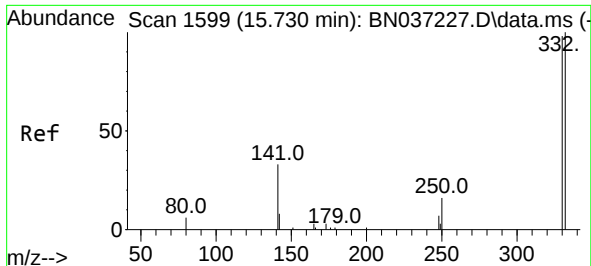
Tgt Ion:152 Resp: 978
Ion Ratio Lower Upper
152 100
151 21.5 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:164 Resp: 1250
Ion Ratio Lower Upper
164 100
162 104.9 86.7 130.1
160 57.5 45.8 68.6

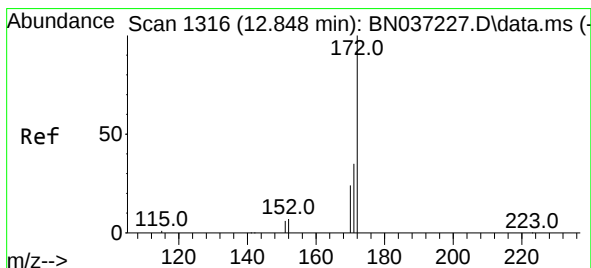
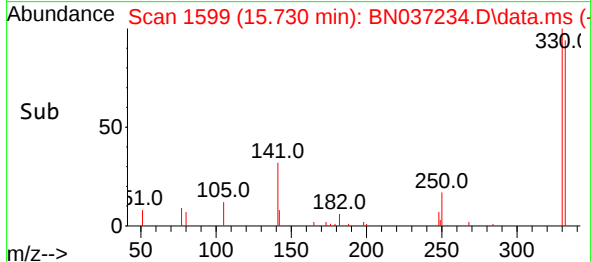
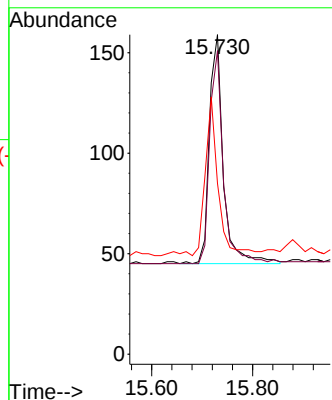
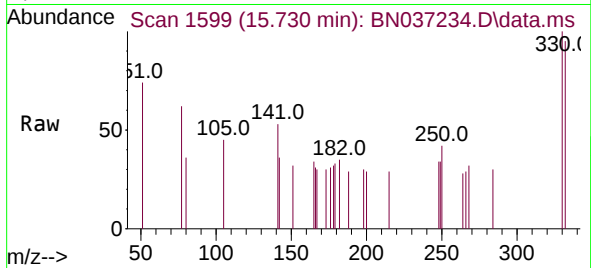




#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.730 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

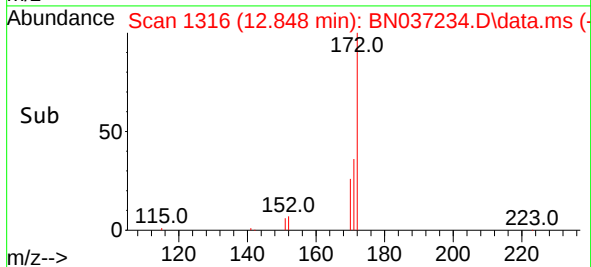
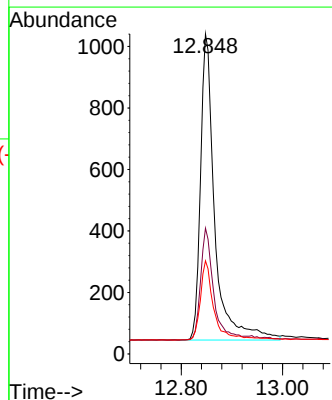
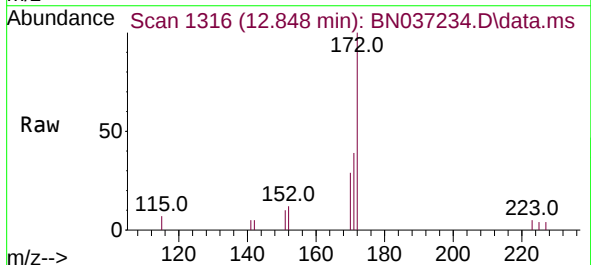
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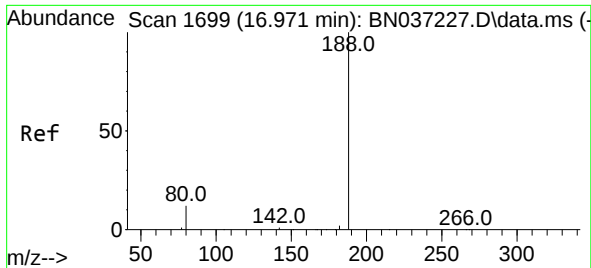
Tgt Ion:330 Resp: 219
Ion Ratio Lower Upper
330 100
332 91.8 74.9 112.3
141 63.0 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:172 Resp: 1931
Ion Ratio Lower Upper
172 100
171 39.3 29.8 44.8
170 29.1 21.1 31.7

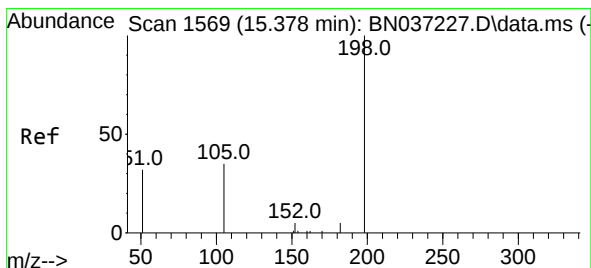
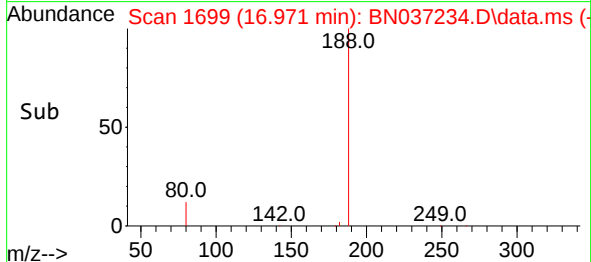
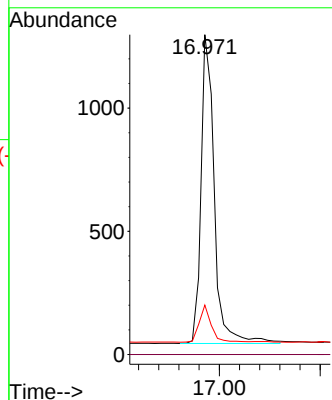
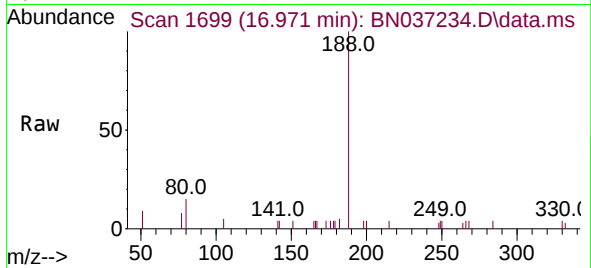




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

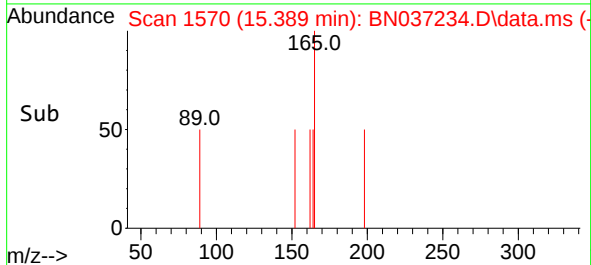
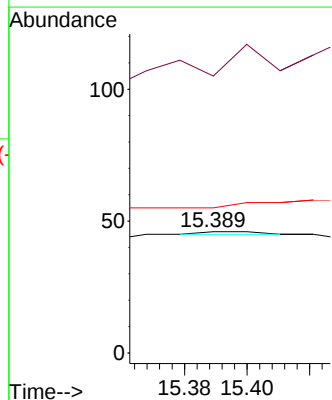
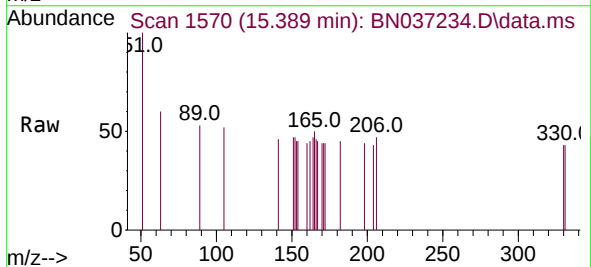
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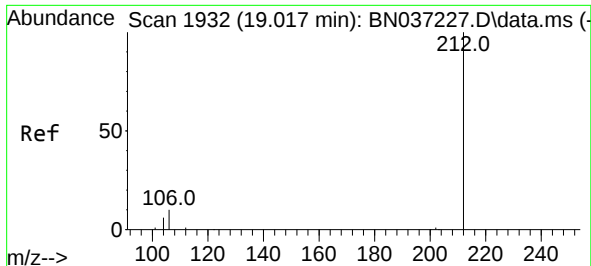
Tgt Ion:188 Resp: 2268
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 228.3 111.2 166.8#
105 119.6 54.0 81.0#

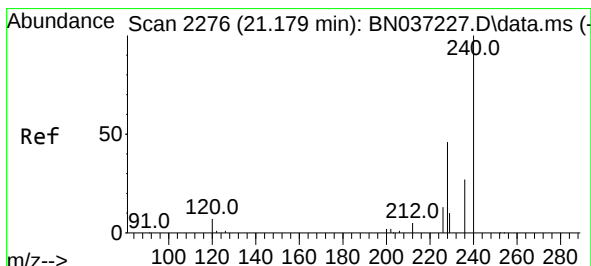
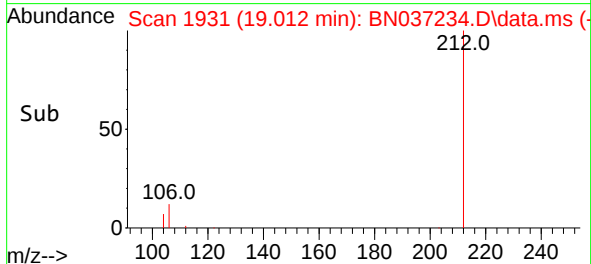
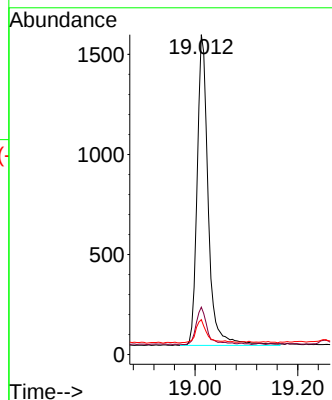
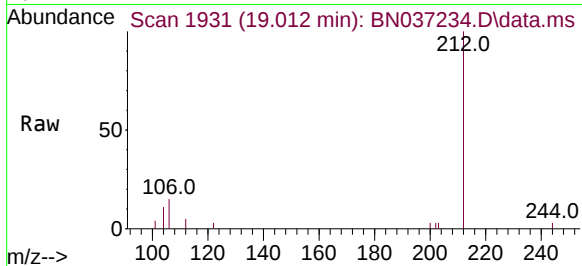




#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.012 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

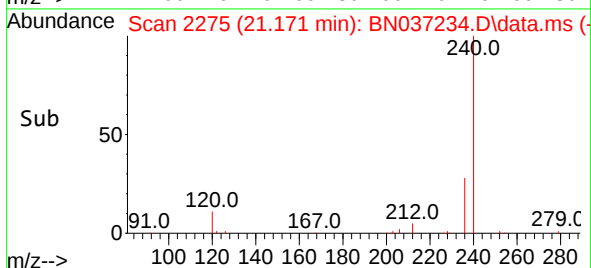
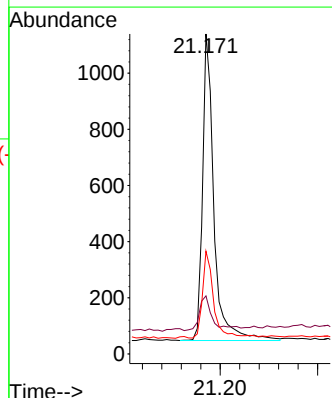
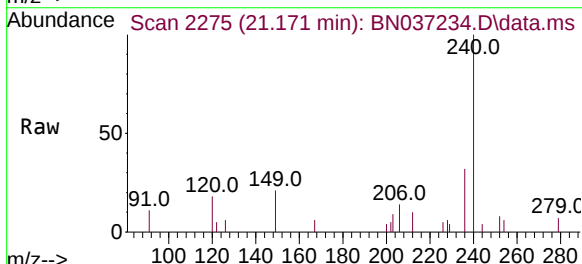
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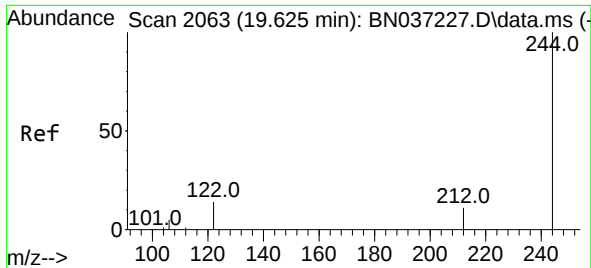
Tgt Ion:212	Resp:	2315
Ion Ratio	Lower	Upper
212	100	
106	12.1	9.3 13.9
104	7.5	5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:240	Resp:	1766
Ion Ratio	Lower	Upper
240	100	
120	18.2	11.3 16.9
236	32.1	24.4 36.6

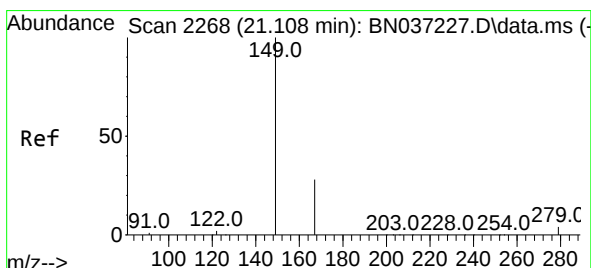
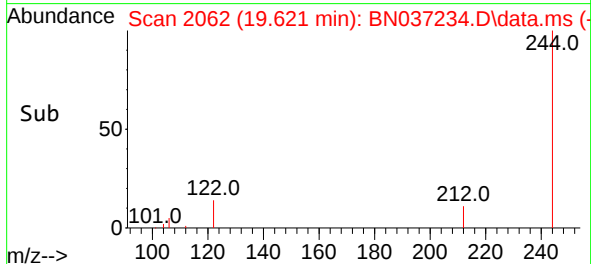
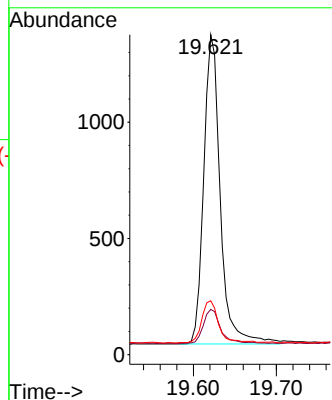
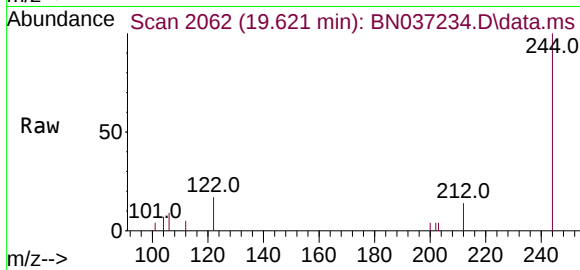




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN037234.D
 Acq: 13 Jun 2025 19:36

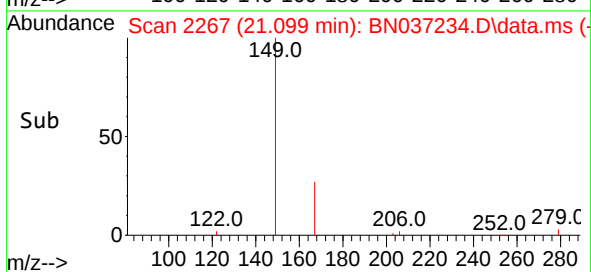
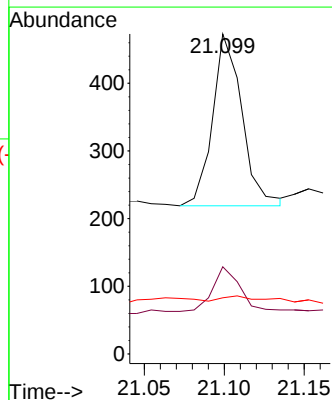
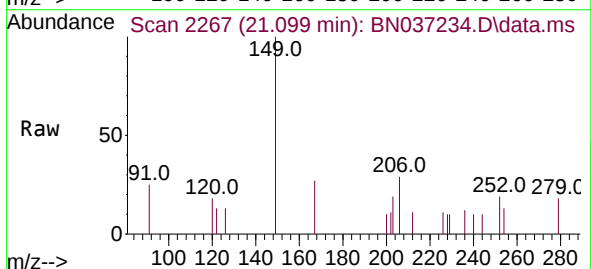
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-060925

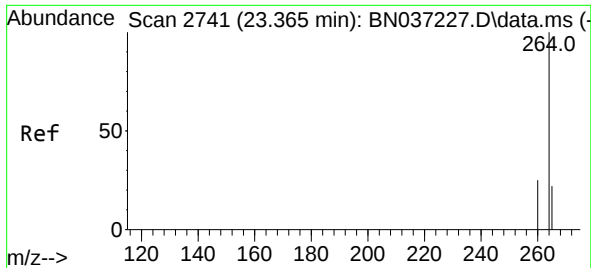
Tgt Ion:244	Resp:	1835
Ion Ratio	Lower	Upper
244	100	
212	14.2	12.2 18.2
122	16.8	14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037234.D
 Acq: 13 Jun 2025 19:36

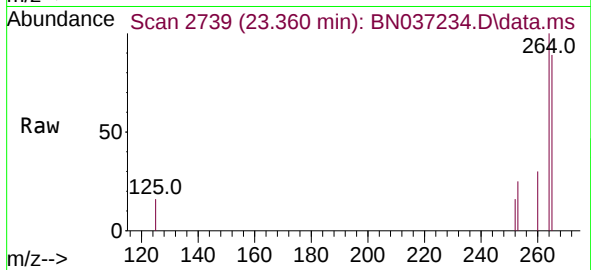
Tgt Ion:149	Resp:	325
Ion Ratio	Lower	Upper
149	100	
167	30.8	21.3 31.9
279	7.4	3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037234.D
 Acq: 13 Jun 2025 19:36

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-060925



Tgt Ion: 264 Resp: 1823

Ion	Ratio	Lower	Upper
264	100		
260	29.8	22.8	34.2
265	89.5	66.4	99.6

