

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037937.D
 Acq On : 29 Sep 2025 15:08
 Operator : RC/JU
 Sample : Q3165-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-300-302

Quant Time: Sep 29 15:33:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

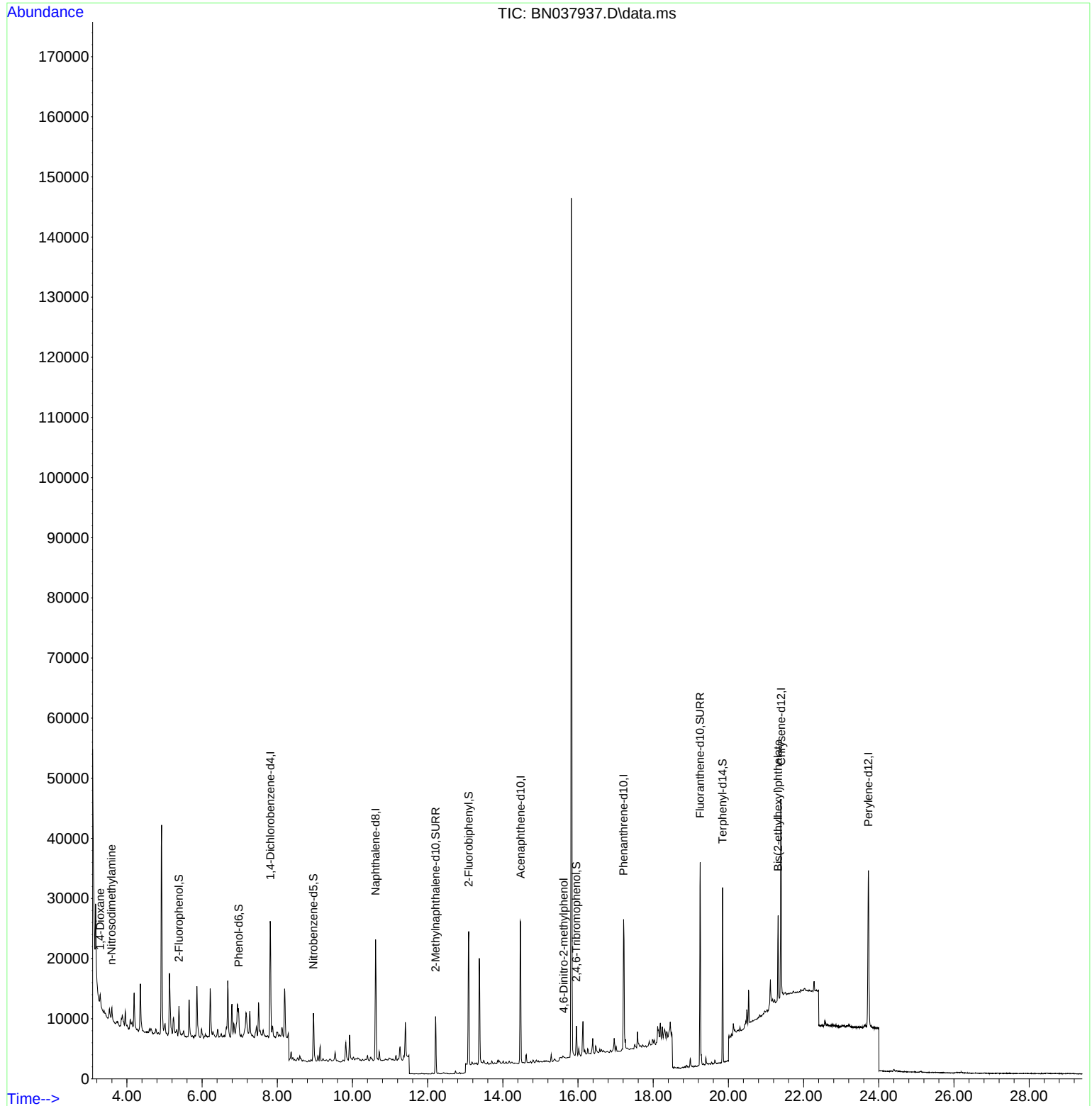
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8452	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	25701	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	14574	0.400	ng	0.00
19) Phenanthrene-d10	17.211	188	31224	0.400	ng	#-0.01
29) Chrysene-d12	21.402	240	32073	0.400	ng	0.00
35) Perylene-d12	23.724	264	35207	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3941	0.204	ng	0.00
5) Phenol-d6	6.973	99	3514	0.139	ng	0.00
8) Nitrobenzene-d5	8.961	82	6573	0.335	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	12125	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2670	0.483	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	20024	0.336	ng	0.00
27) Fluoranthene-d10	19.248	212	35432	0.451	ng	0.00
31) Terphenyl-d14	19.847	244	26795	0.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	1373	0.160	ng	# 73
3) n-Nitrosodimethylamine	3.593	42	511	0.045	ng	# 17
20) 4,6-Dinitro-2-methylph...	15.622	198	6	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	12593	0.284	ng	# 97

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

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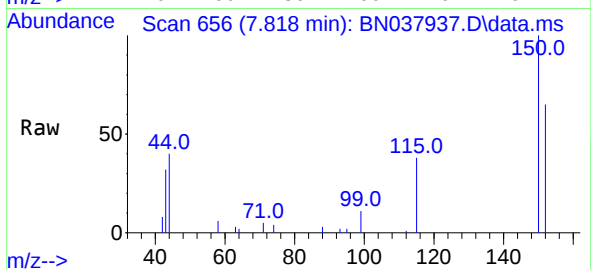
Quant Time: Sep 29 15:33:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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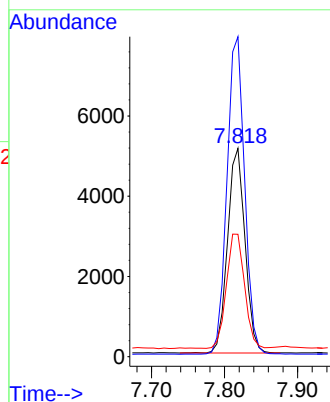
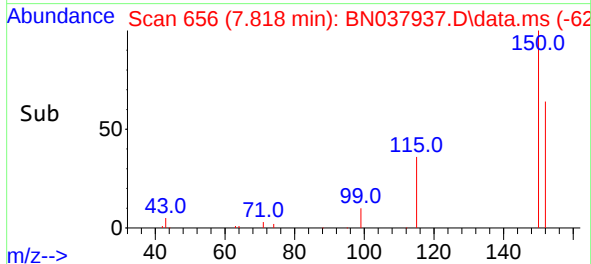


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

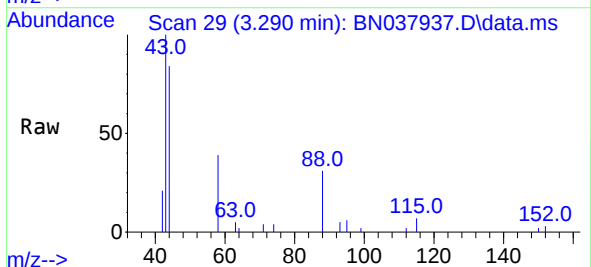
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302



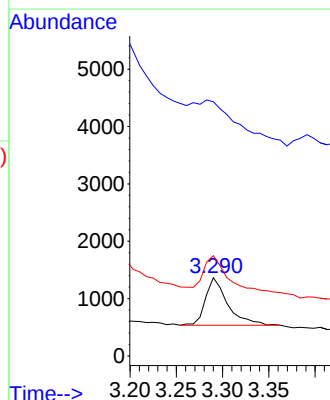
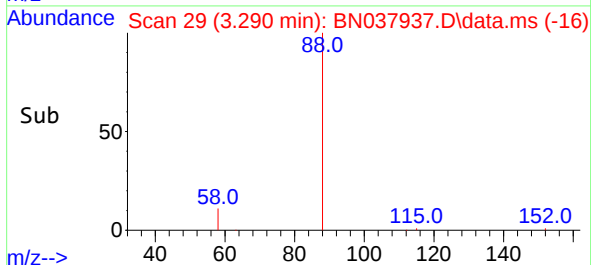
Tgt Ion:152 Resp: 8452
Ion Ratio Lower Upper
152 100
150 153.6 121.0 181.4
115 58.7 47.4 71.0

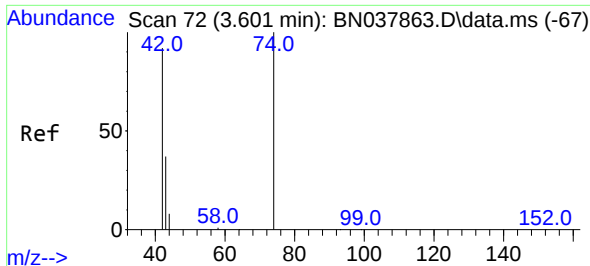


#2
1,4-Dioxane
Concen: 0.160 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08



Tgt Ion: 88 Resp: 1373
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 83.8 58.9 88.3

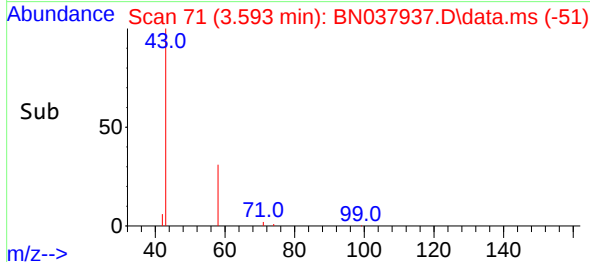
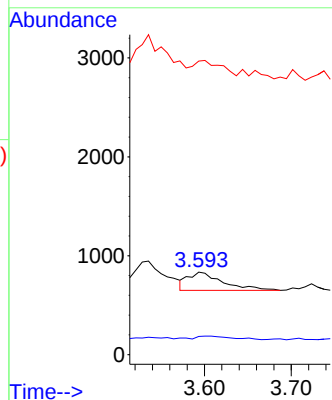
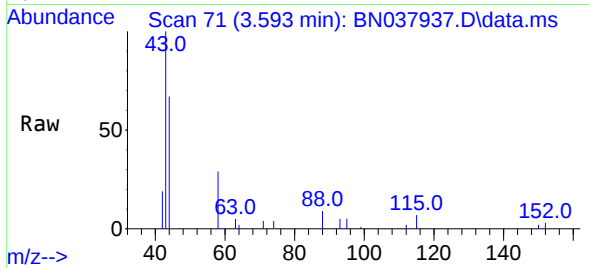




#3
n-Nitrosodimethylamine
Concen: 0.045 ng
RT: 3.593 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

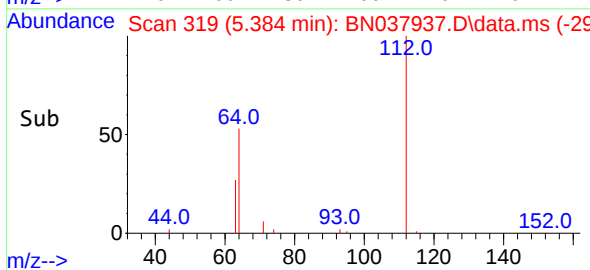
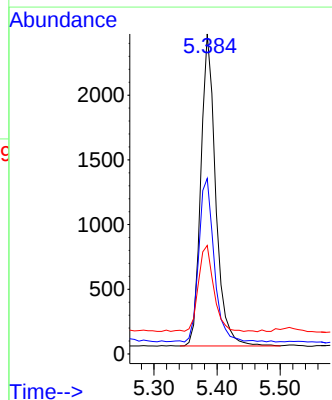
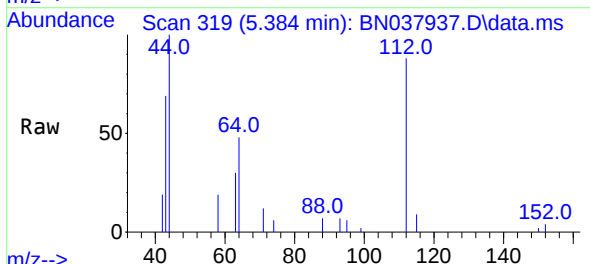
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302

Tgt Ion: 42 Resp: 511
Ion Ratio Lower Upper
42 100
74 19.2 93.4 140.0#
44 56.8 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

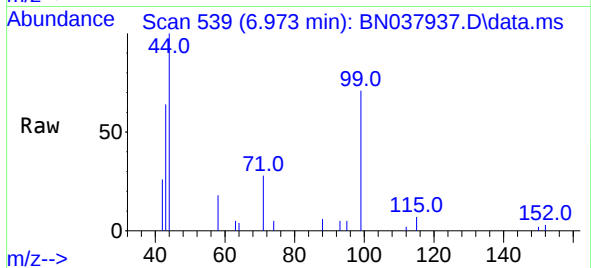
Tgt Ion: 112 Resp: 3941
Ion Ratio Lower Upper
112 100
64 54.8 44.6 66.8
63 27.9 24.9 37.3



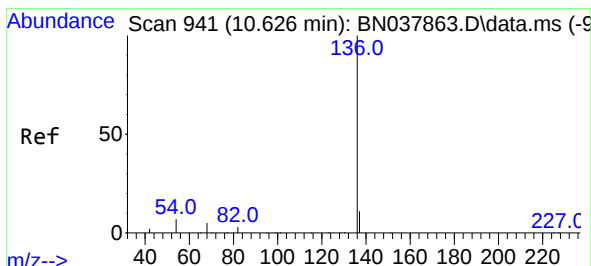
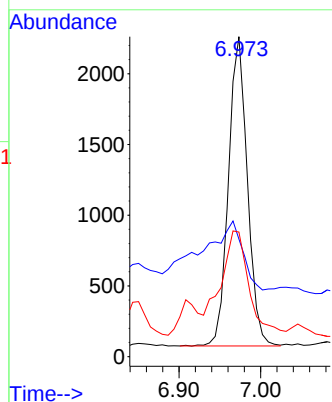
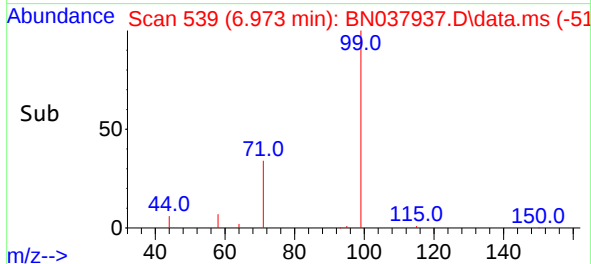


#5
Phenol-d6
Concen: 0.139 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

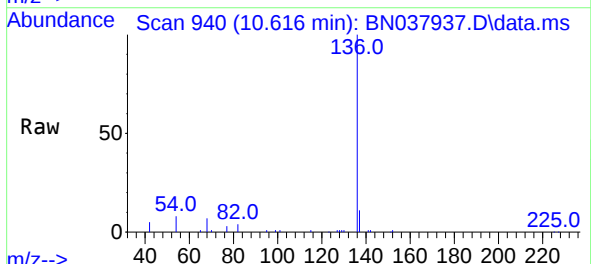
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302



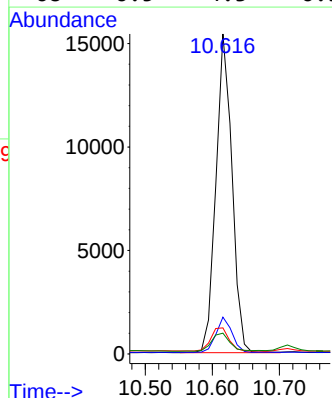
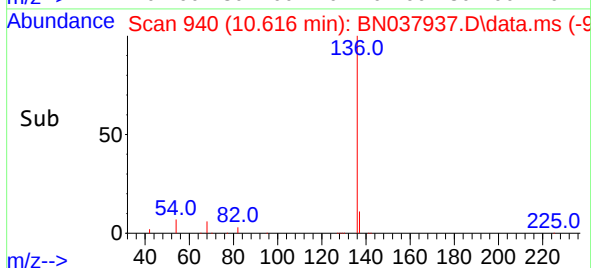
Tgt Ion: 99 Resp: 3514
Ion Ratio Lower Upper
99 100
42 50.7 17.2 25.8#
71 51.3 27.3 40.9#

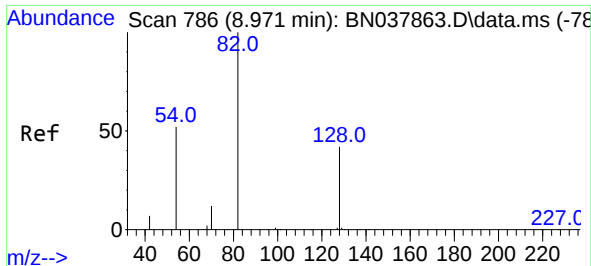


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08



Tgt Ion: 136 Resp: 25701
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.2 5.8 8.8
68 6.5 4.3 6.5#

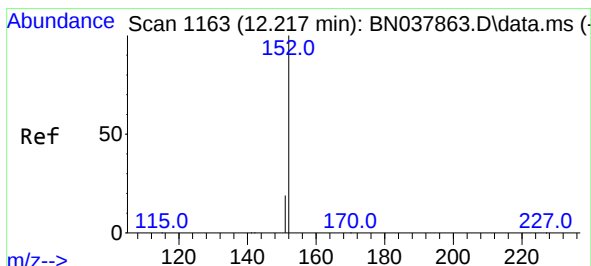
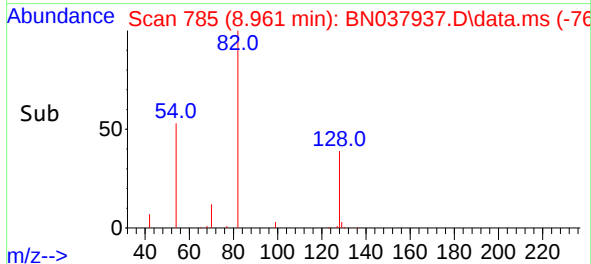
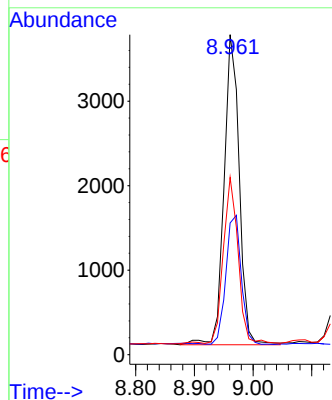
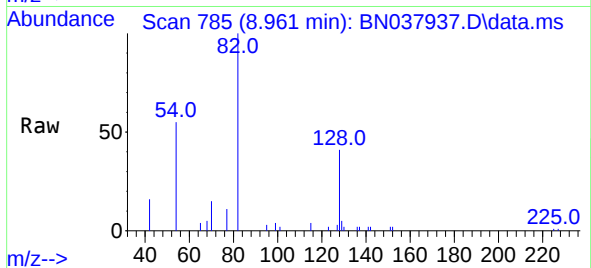




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

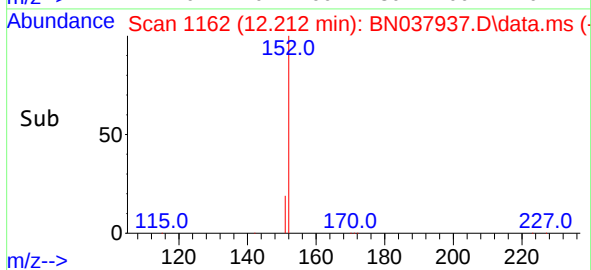
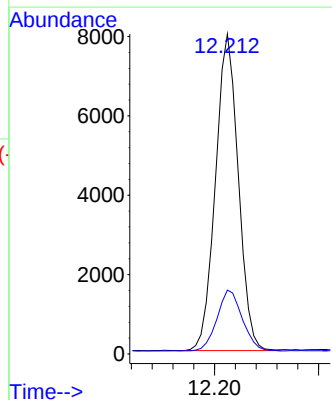
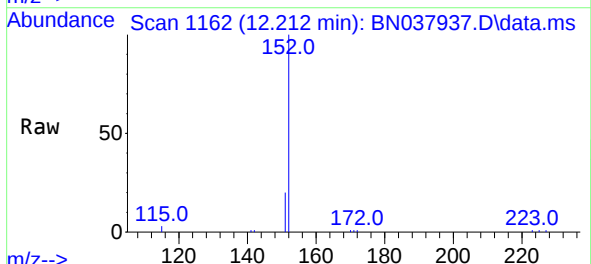
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302

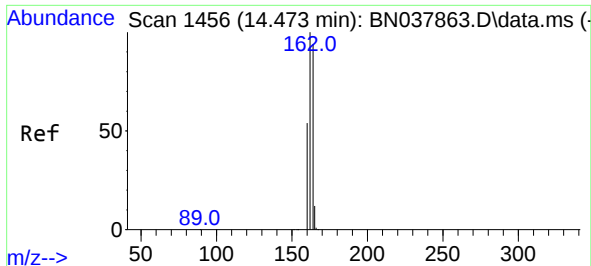
Tgt Ion: 82 Resp: 6573
Ion Ratio Lower Upper
82 100
128 41.2 34.8 52.2
54 55.4 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion: 152 Resp: 12125
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2

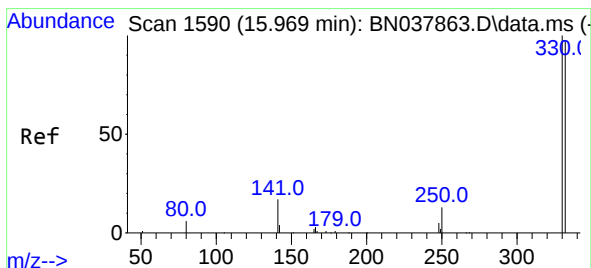
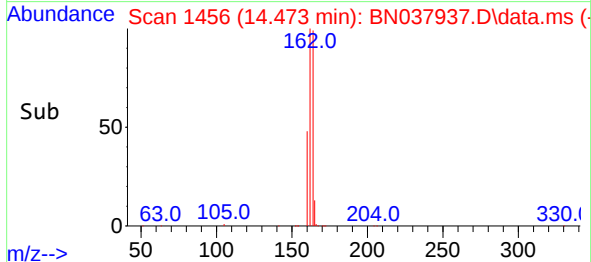
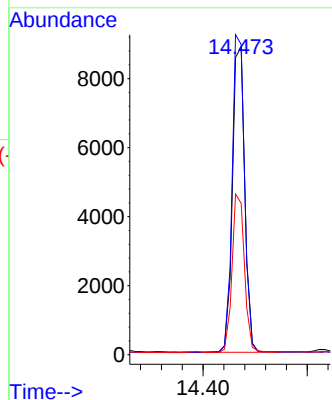
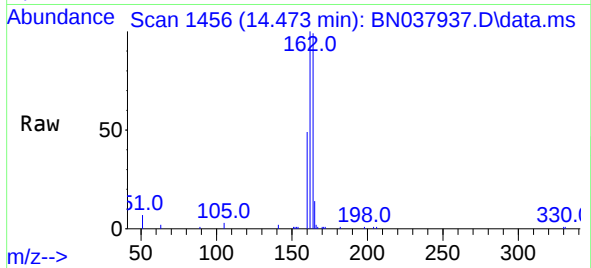




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

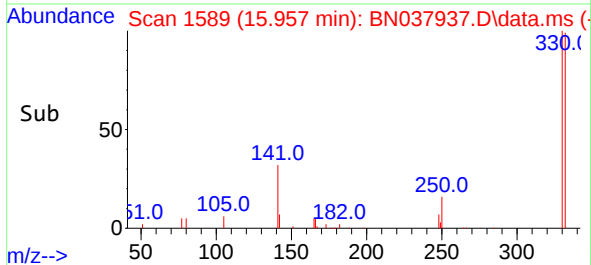
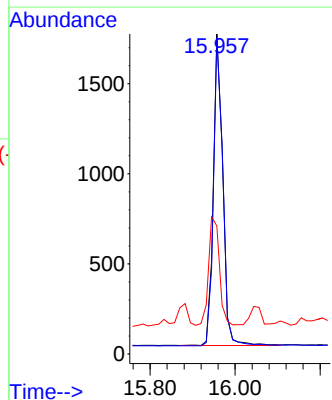
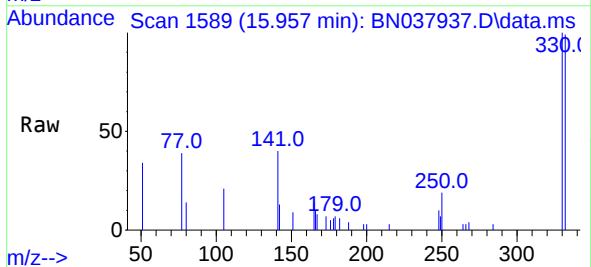
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ClientSampleId :
BP-VPB-184-GW-300-302

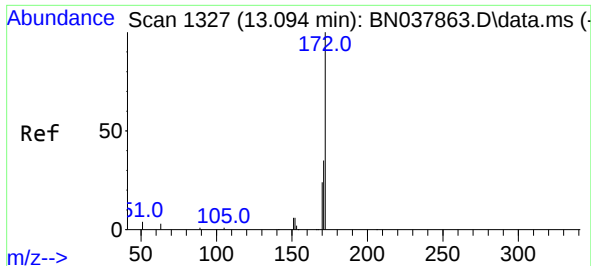
Tgt Ion:	164	Resp:	14574
Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.8	127.2
160	49.2	46.1	69.1



#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion:	330	Resp:	2670
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.2	115.8
141	39.5	37.2	55.8

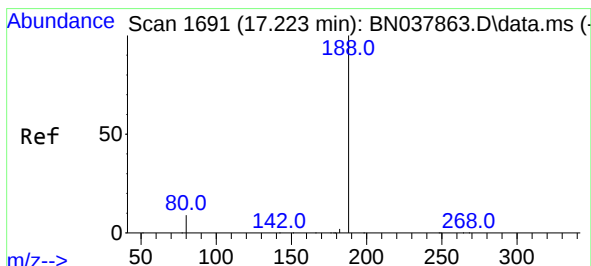
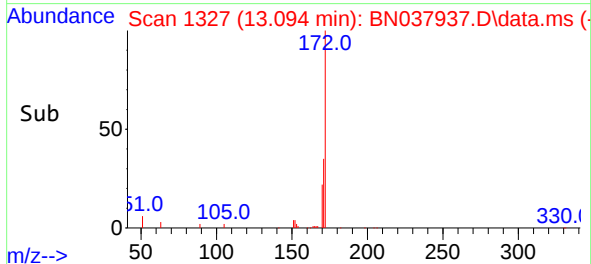
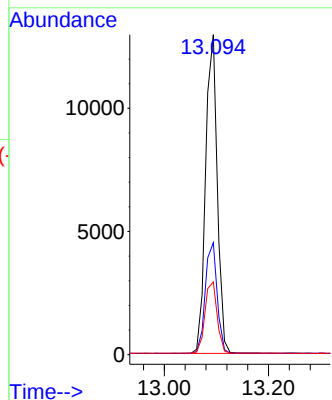
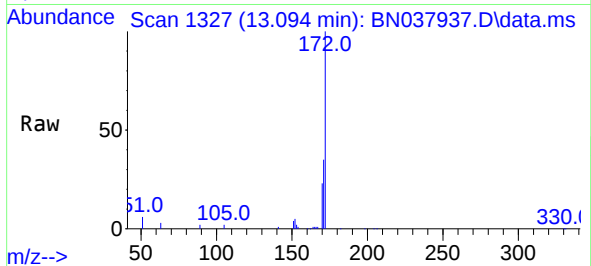




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

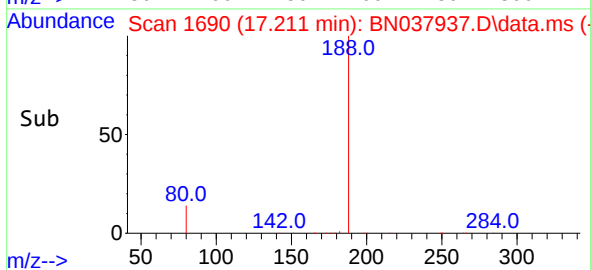
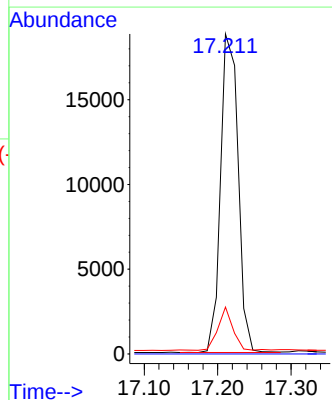
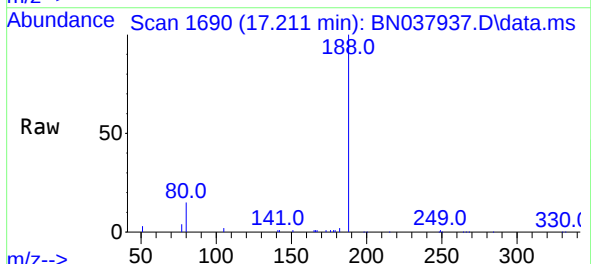
Instrument :
BNA_N
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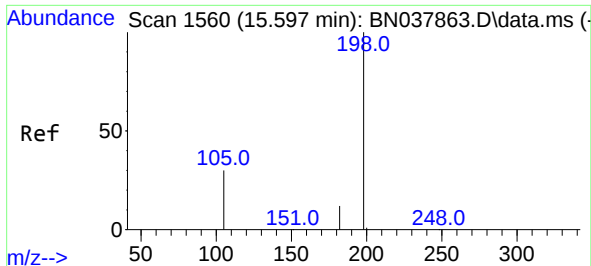
Tgt Ion:	172	Resp:	20024
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.7	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion:	188	Resp:	31224
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	7.6	11.4#

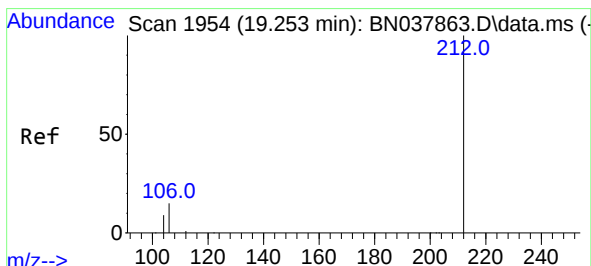
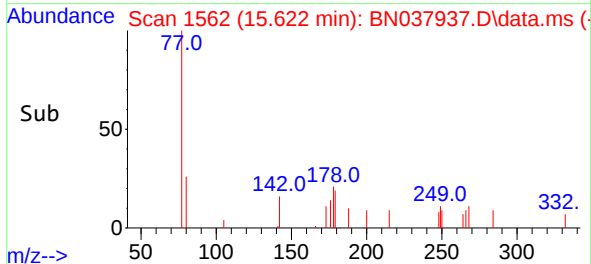
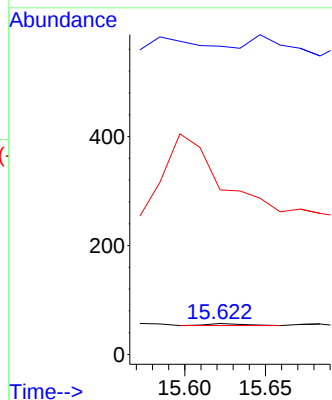
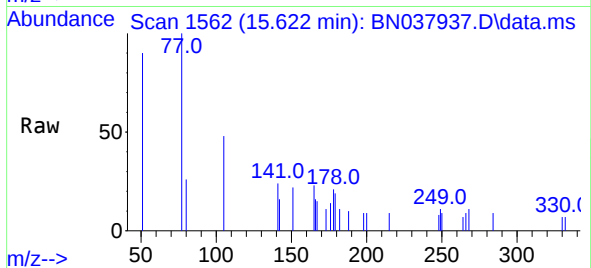




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.622 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

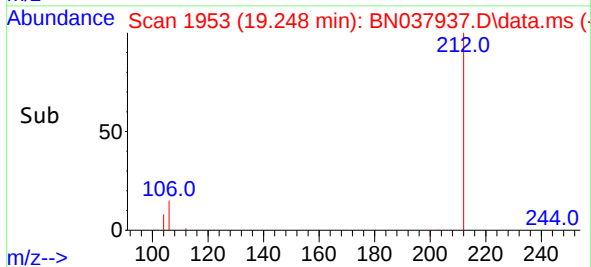
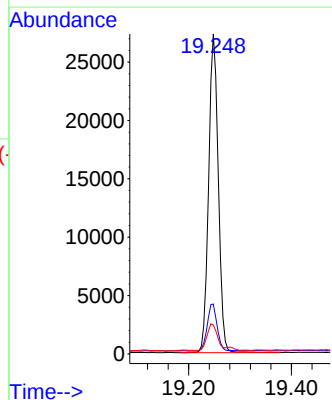
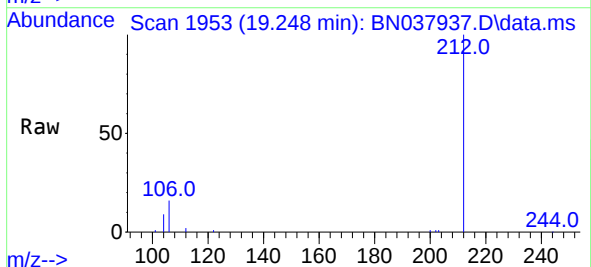
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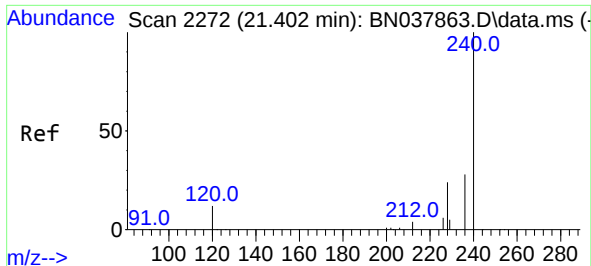
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 993.0 59.1 88.7#
105 529.8 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.451 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion:212 Resp: 35432
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.9 7.4 11.0

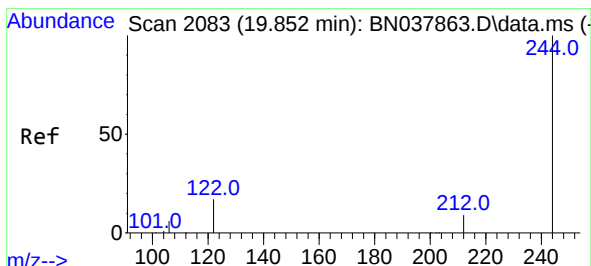
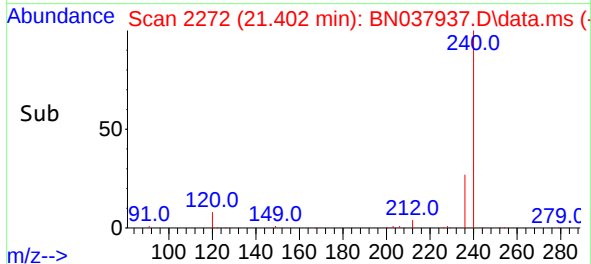
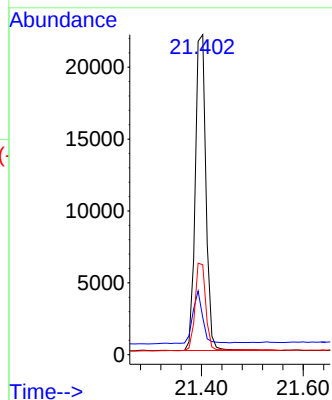
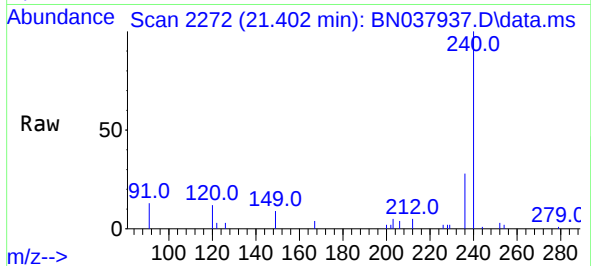




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

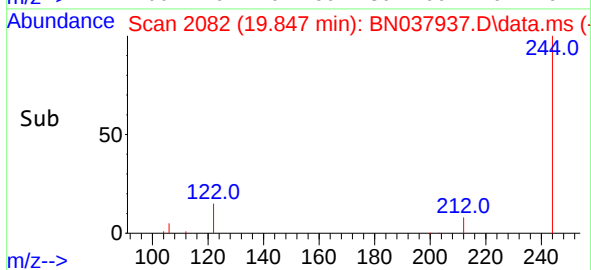
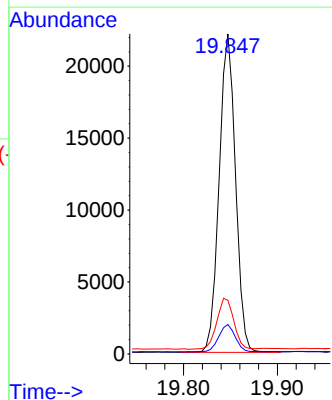
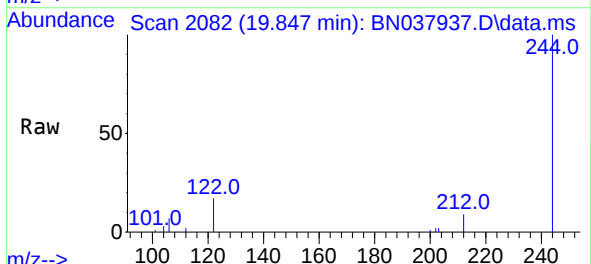
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302

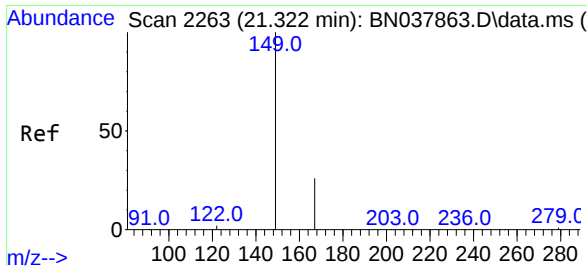
Tgt Ion:240 Resp: 32073
Ion Ratio Lower Upper
240 100
120 11.6 11.4 17.2
236 28.1 23.0 34.6



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion:244 Resp: 26795
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 16.8 13.9 20.9

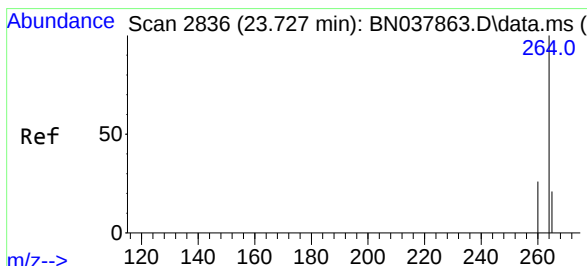
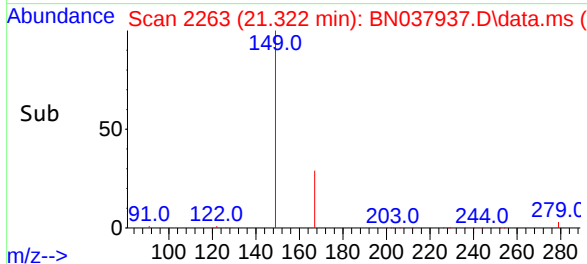
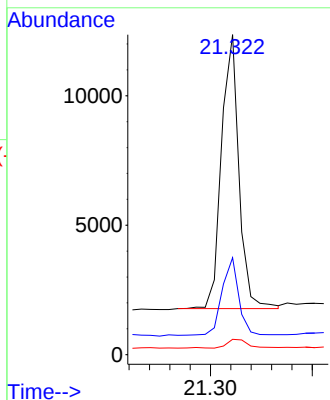
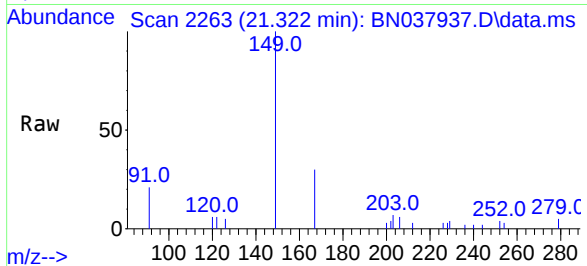




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.284 ng
RT: 21.322 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-300-302

Tgt Ion:149 Resp: 12593
Ion Ratio Lower Upper
149 100
167 27.0 20.4 30.6
279 4.1 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.724 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN037937.D
Acq: 29 Sep 2025 15:08

Tgt Ion:264 Resp: 35207
Ion Ratio Lower Upper
264 100
260 26.8 21.5 32.3
265 49.5 53.8 80.6#

