

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037048.D
 Acq On : 19 May 2025 16:51
 Operator : RC/JU
 Sample : Q2050-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-60-62

Quant Time: May 19 17:24:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

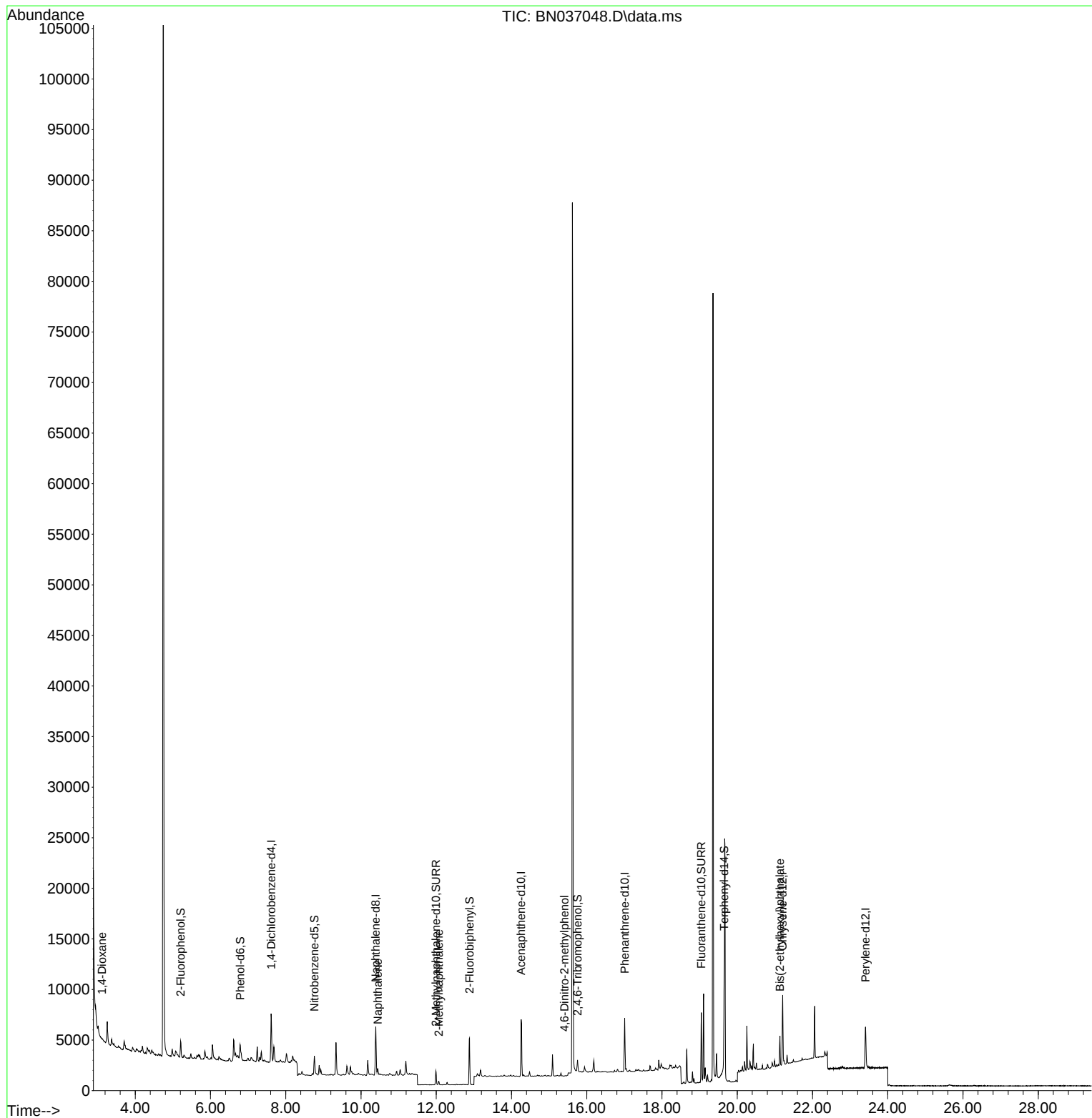
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2086	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5701	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	3309	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6655	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	6097	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	5198	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1063	0.195	ng	0.00
5) Phenol-d6	6.788	99	1077	0.157	ng	0.00
8) Nitrobenzene-d5	8.760	82	1607	0.259	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1917	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	561	0.386	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4299	0.284	ng	0.00
27) Fluoranthene-d10	19.045	212	7142	0.391	ng	0.00
31) Terphenyl-d14	19.653	244	6748	0.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	64	0.025	ng	# 36
9) Naphthalene	10.447	128	749	0.044	ng	# 80
12) 2-Methylnaphthalene	12.067	142	251	0.023	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.411	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	2653	0.188	ng	99

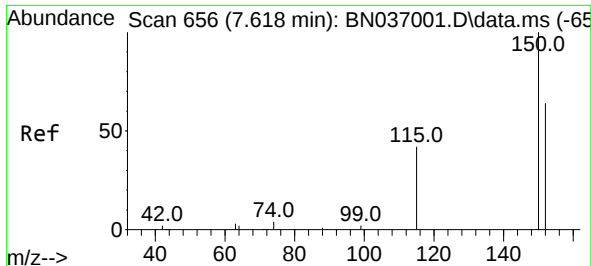
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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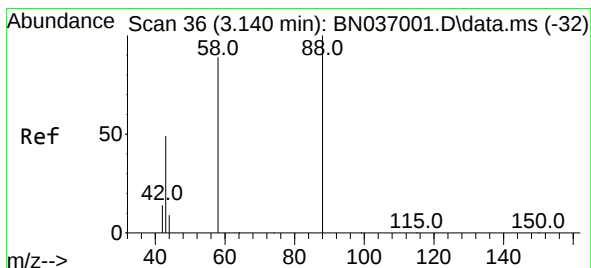
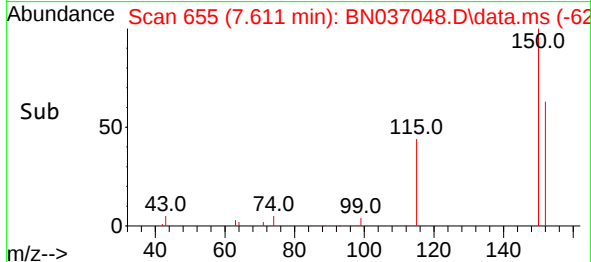
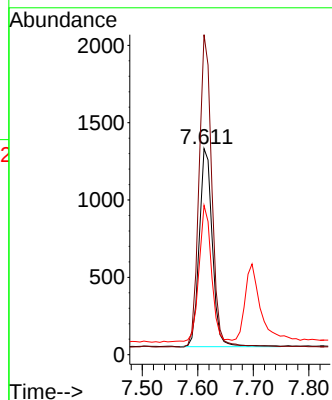
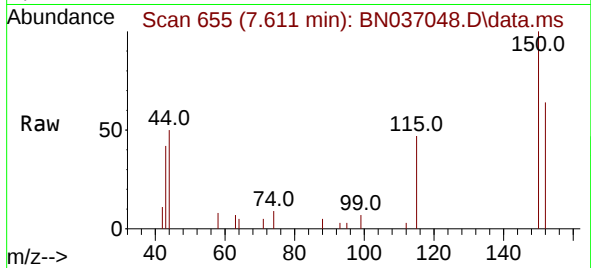




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037048.D
 Acq: 19 May 2025 16:51

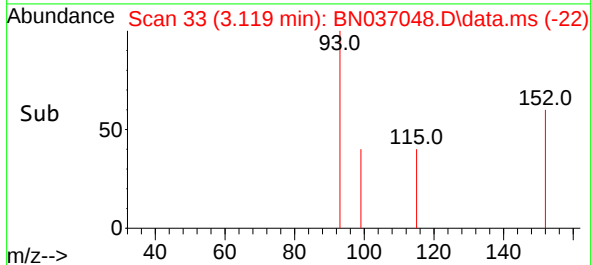
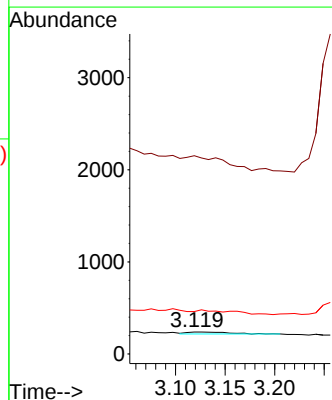
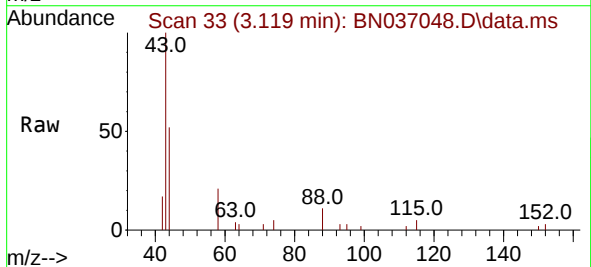
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-60-62

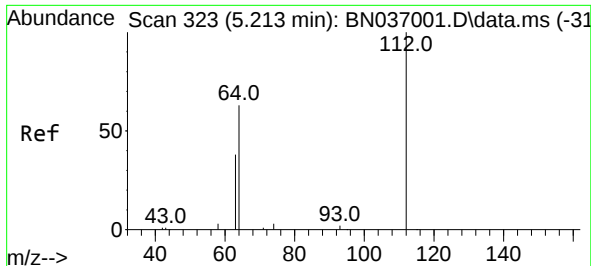
Tgt Ion:152 Resp: 2086
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.9 185.9
 115 72.4 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.021 min
 Lab File: BN037048.D
 Acq: 19 May 2025 16:51

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.0#
 58 29.7 68.8 103.2#

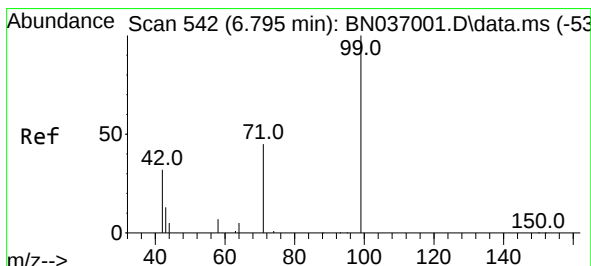
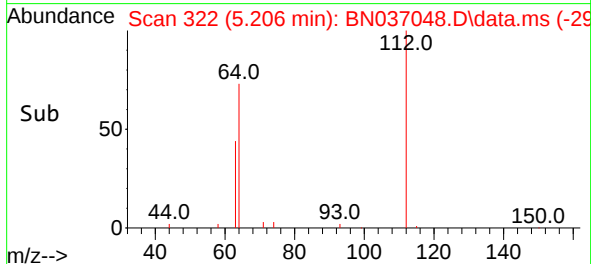
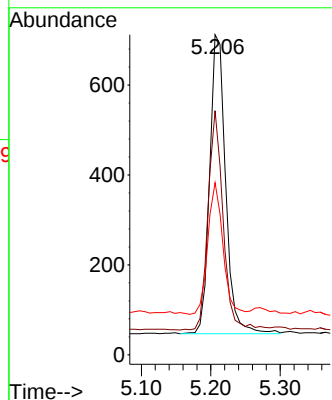
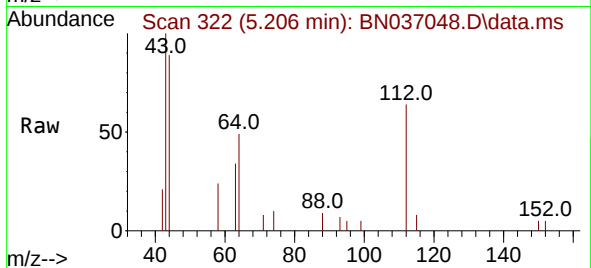




#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

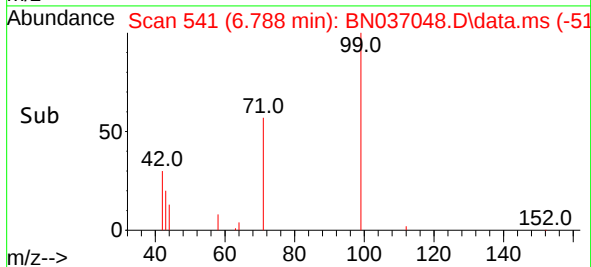
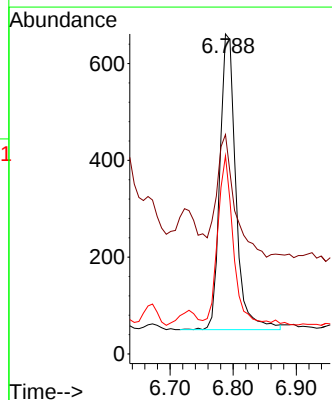
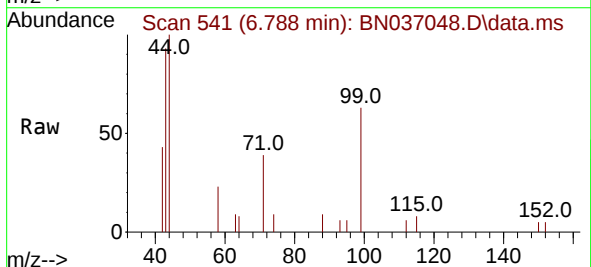
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62

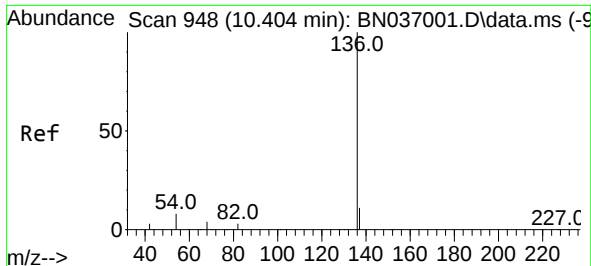
Tgt Ion:112 Resp: 1063
Ion Ratio Lower Upper
112 100
64 69.4 55.7 83.5
63 41.8 34.6 51.8



#5
Phenol-d6
Concen: 0.157 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

Tgt Ion: 99 Resp: 1077
Ion Ratio Lower Upper
99 100
42 46.4 29.3 43.9#
71 56.6 35.7 53.5#

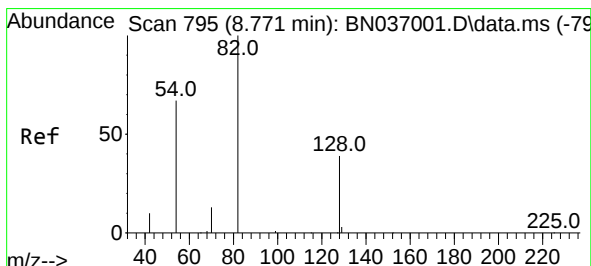
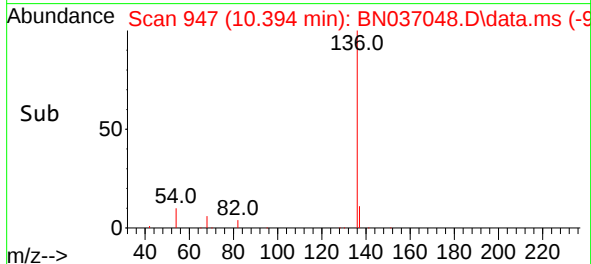
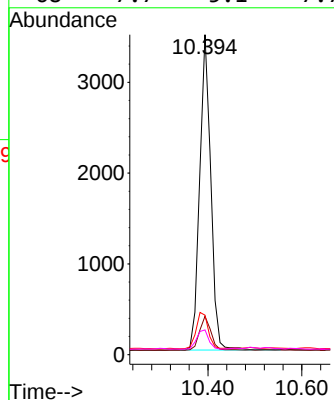
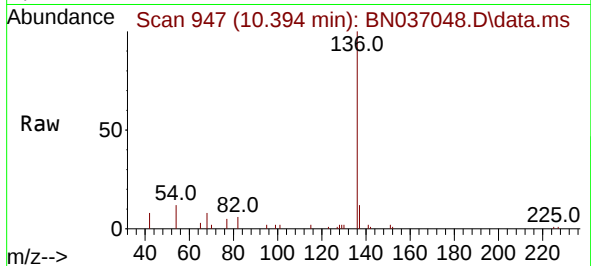




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

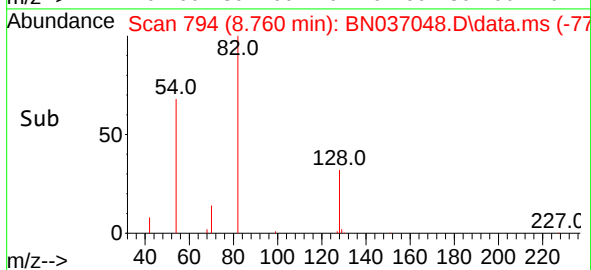
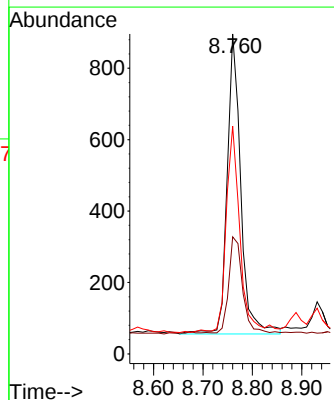
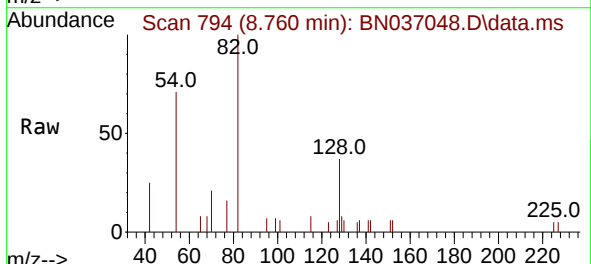
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62

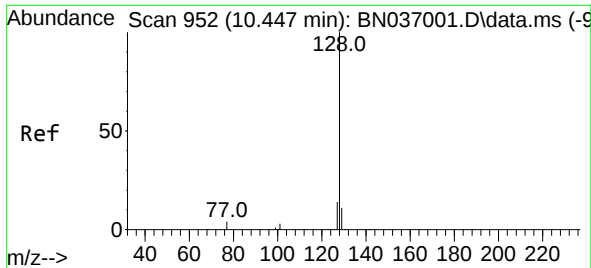
Tgt Ion:	136	Resp:	5701
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	12.3	8.5	12.7
68	7.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

Tgt Ion:	82	Resp:	1607
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	71.2	55.0	82.4

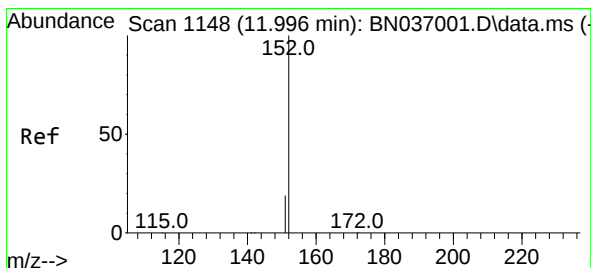
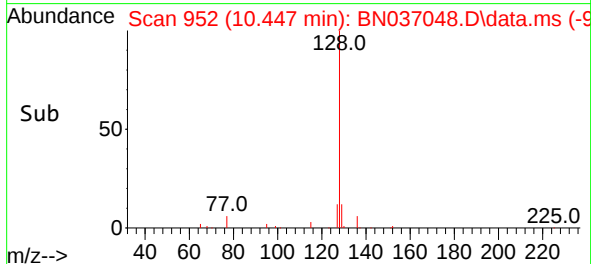
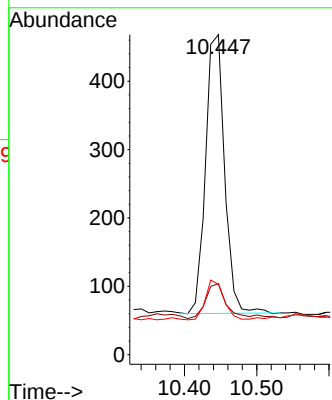
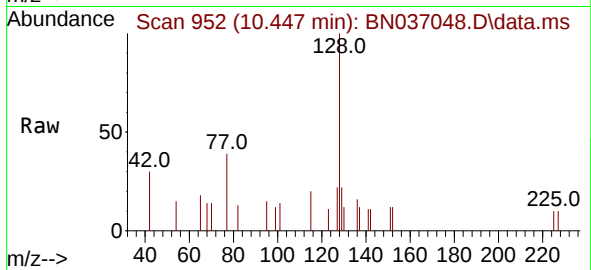




#9
Naphthalene
Concen: 0.044 ng
RT: 10.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

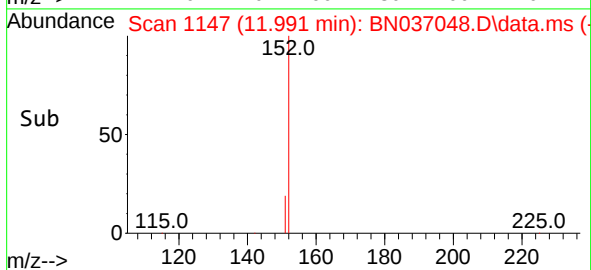
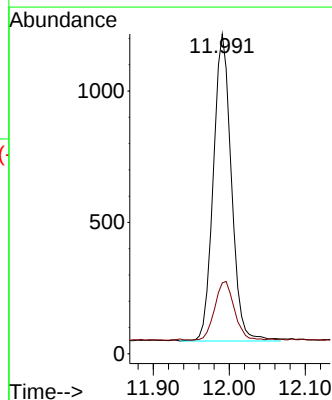
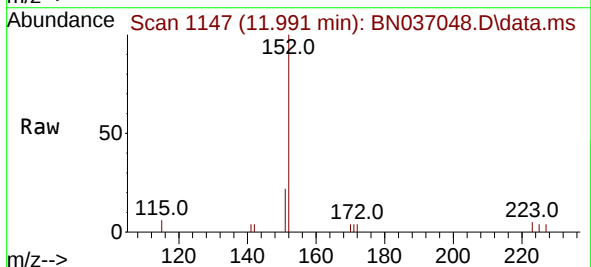
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62

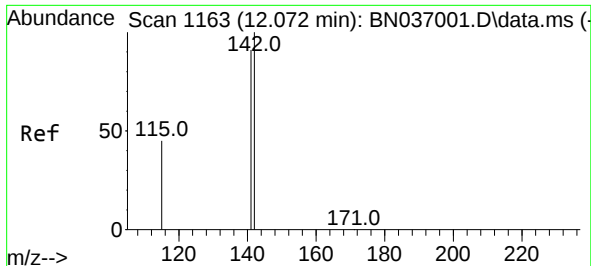
Tgt Ion:128 Resp: 749
Ion Ratio Lower Upper
128 100
129 22.2 9.7 14.5#
127 22.0 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

Tgt Ion:152 Resp: 1917
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3

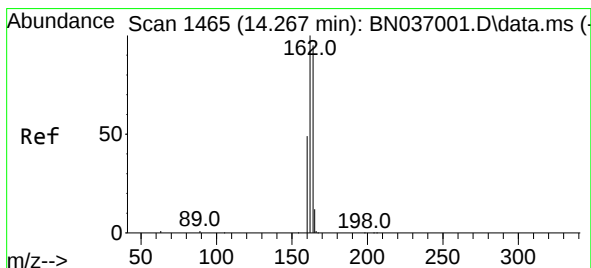
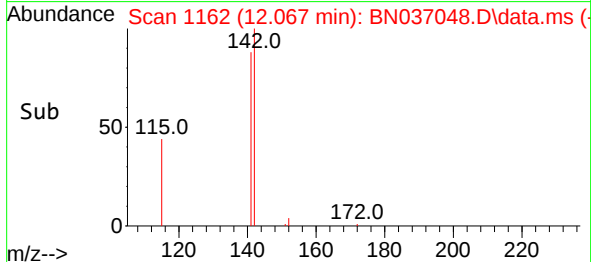
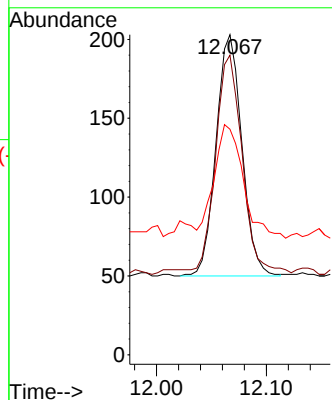
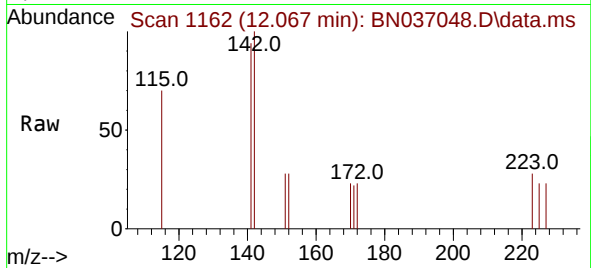




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.067 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

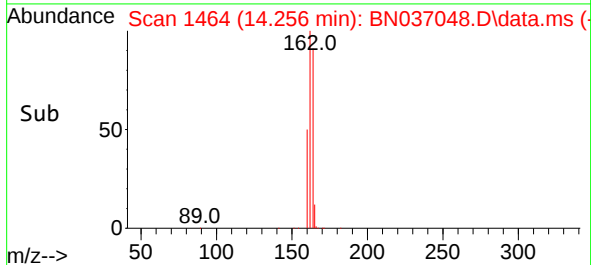
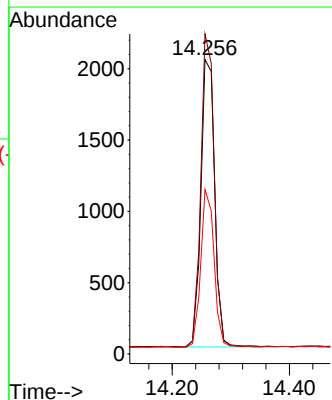
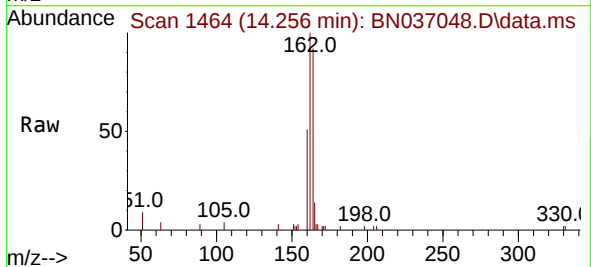
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62

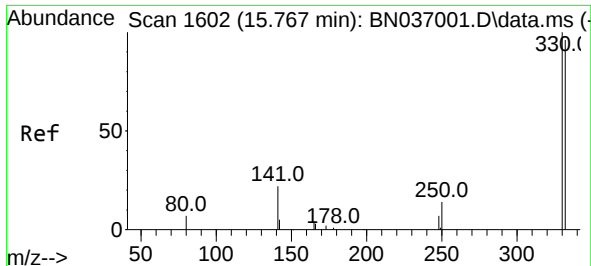
Tgt Ion:142 Resp: 251
Ion Ratio Lower Upper
142 100
141 93.6 73.3 109.9
115 70.4 38.4 57.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

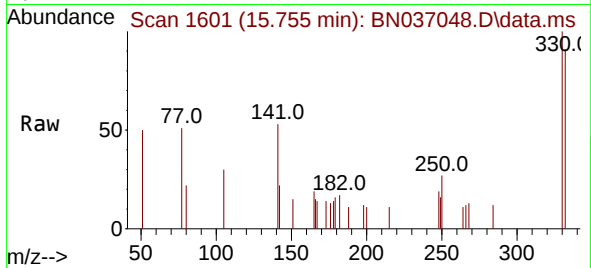
Tgt Ion:164 Resp: 3309
Ion Ratio Lower Upper
164 100
162 108.7 84.2 126.4
160 55.8 42.6 63.8



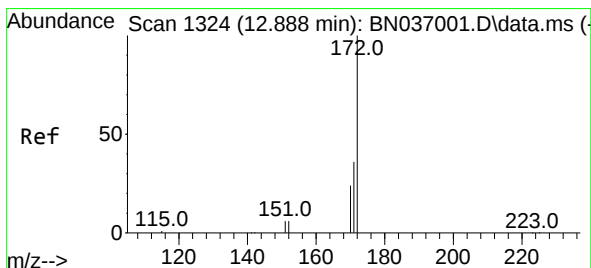
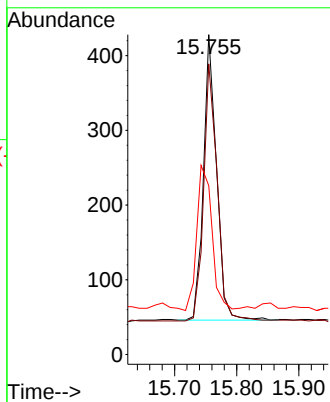
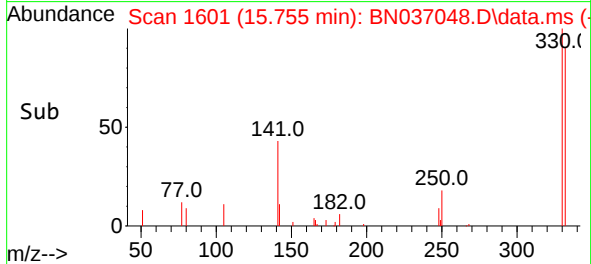


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

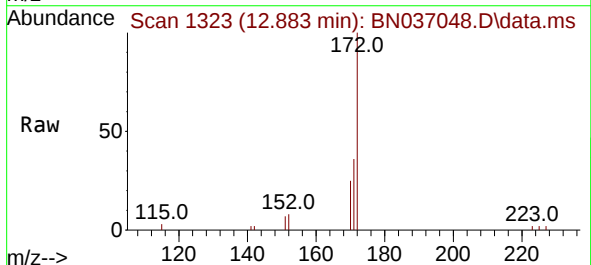
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BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62



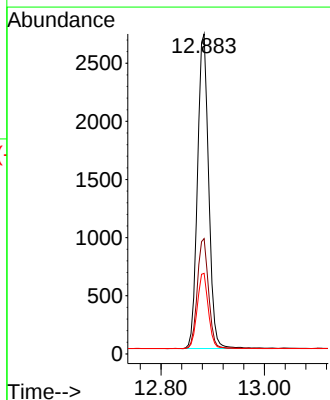
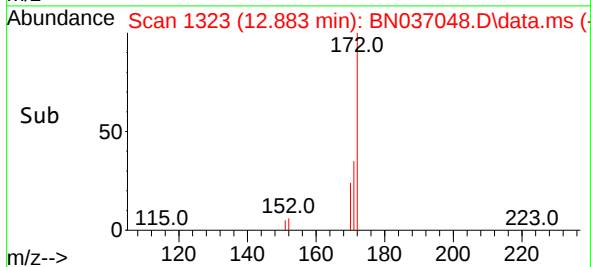
Tgt Ion:330 Resp: 561
Ion Ratio Lower Upper
330 100
332 93.9 73.8 110.8
141 56.9 43.9 65.9

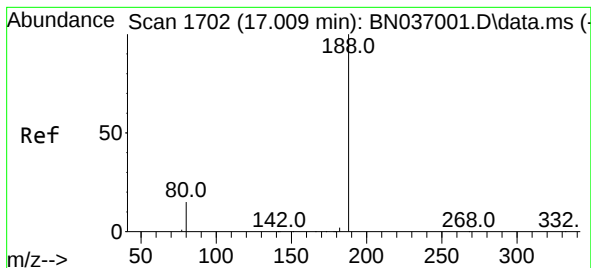


#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51



Tgt Ion:172 Resp: 4299
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 25.2 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037048.D

Acq: 19 May 2025 16:51

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-60-62

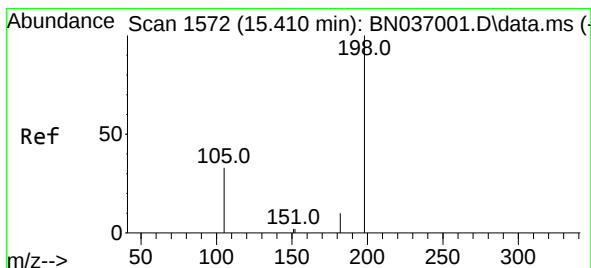
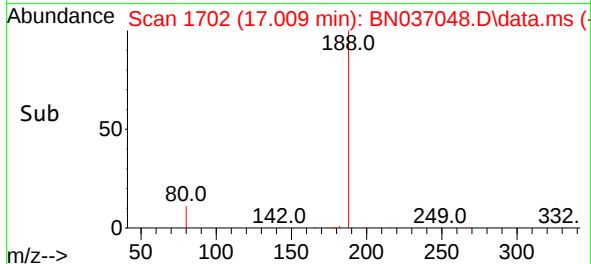
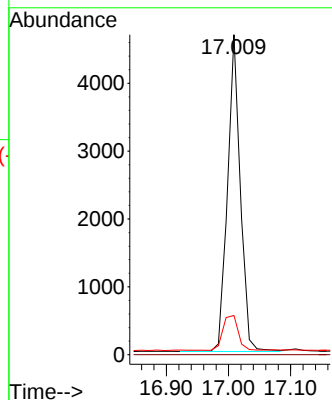
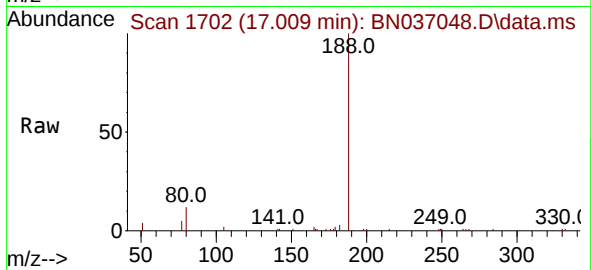
Tgt Ion:188 Resp: 6655

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 15.411 min Scan# 1572

Delta R.T. 0.001 min

Lab File: BN037048.D

Acq: 19 May 2025 16:51

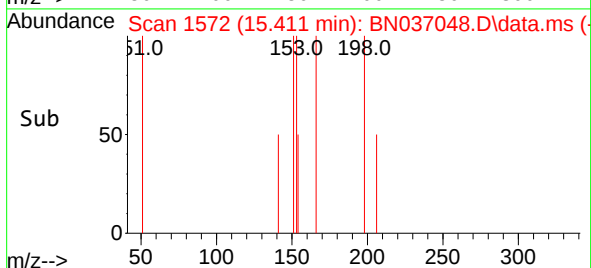
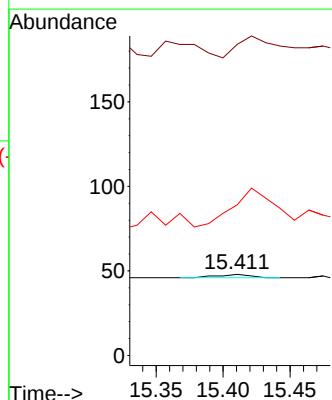
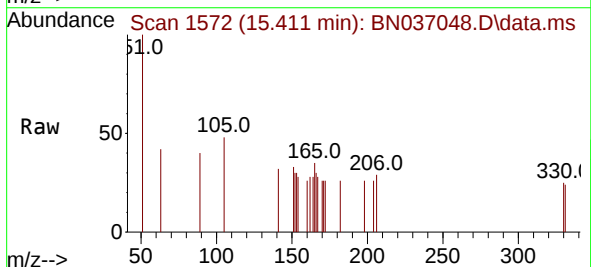
Tgt Ion:198 Resp: 3

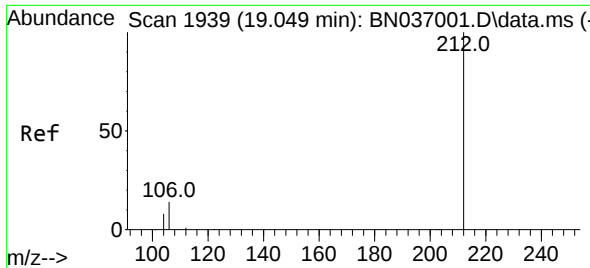
Ion Ratio Lower Upper

198 100

51 383.3 87.8 131.6#

105 185.4 44.2 66.4#

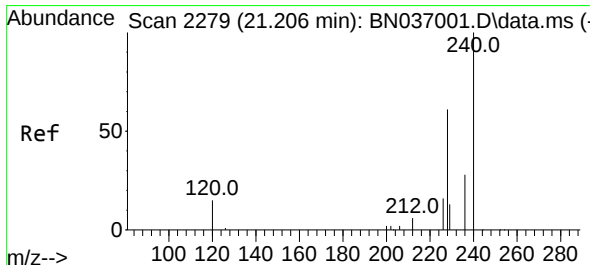
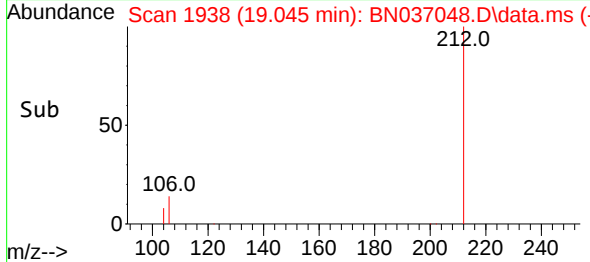
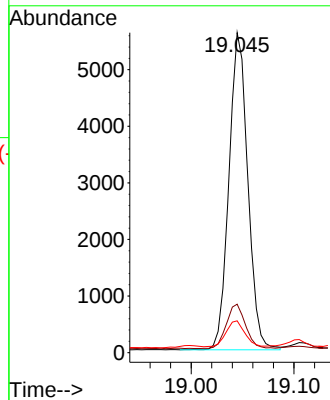
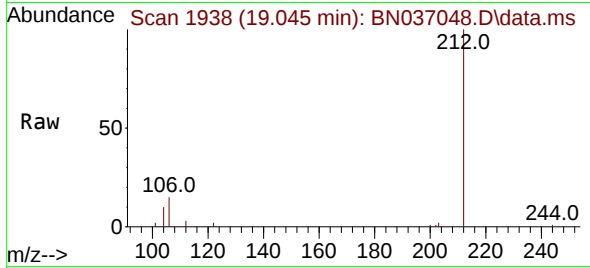




#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

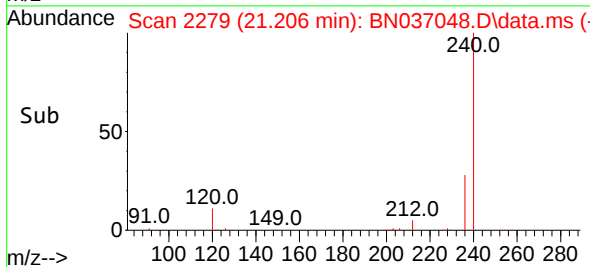
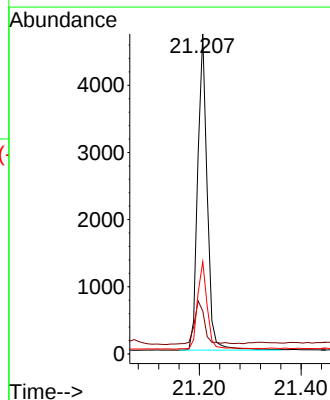
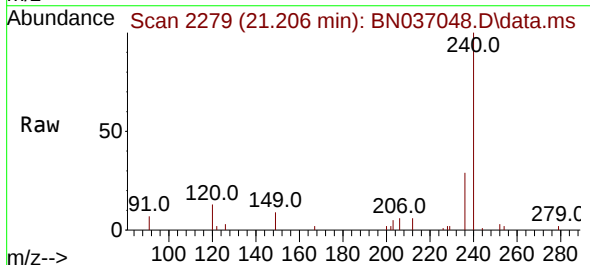
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62

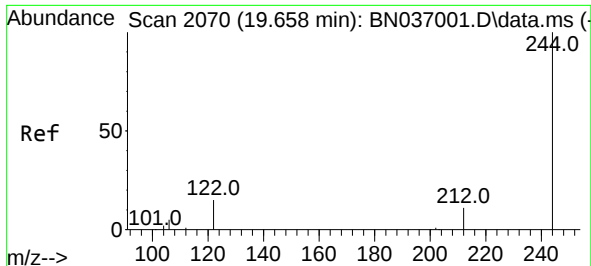
Tgt Ion:212 Resp: 7142
Ion Ratio Lower Upper
212 100
106 14.2 11.3 16.9
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

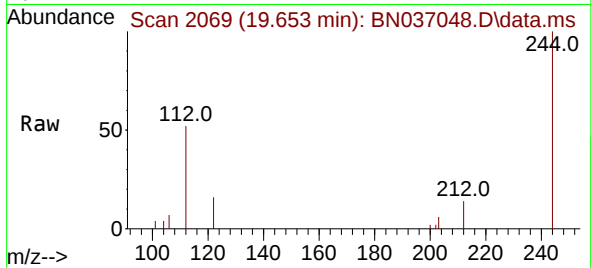
Tgt Ion:240 Resp: 6097
Ion Ratio Lower Upper
240 100
120 13.4 15.1 22.7#
236 28.8 24.0 36.0





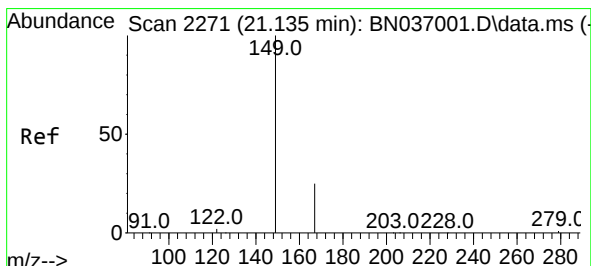
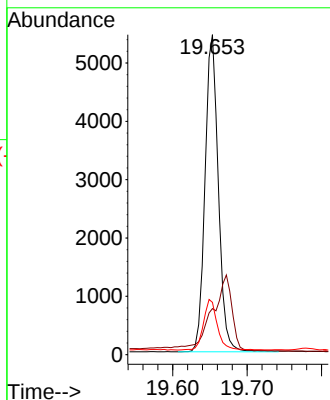
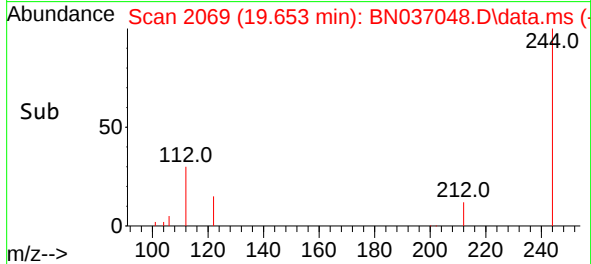
#31
 Terphenyl-d14
 Concen: 0.517 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN037048.D
 Acq: 19 May 2025 16:51

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-60-62

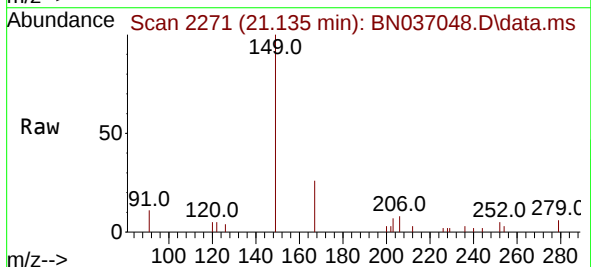


Tgt Ion:244 Resp: 6748

Ion	Ratio	Lower	Upper
244	100		
212	14.4	9.7	14.5
122	16.3	13.4	20.0

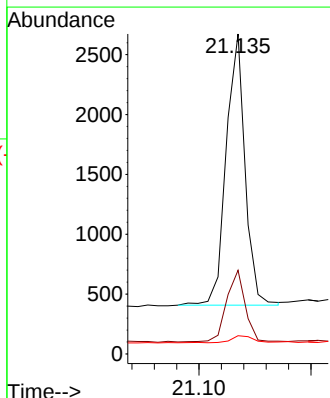
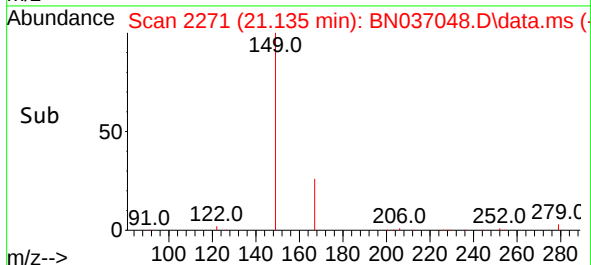


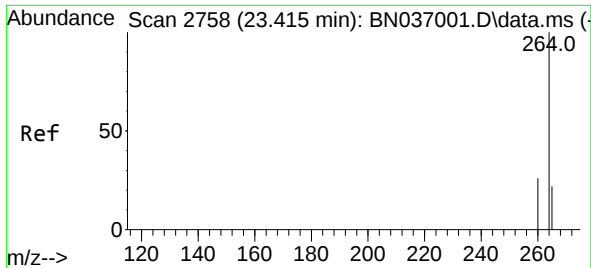
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.188 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037048.D
 Acq: 19 May 2025 16:51



Tgt Ion:149 Resp: 2653

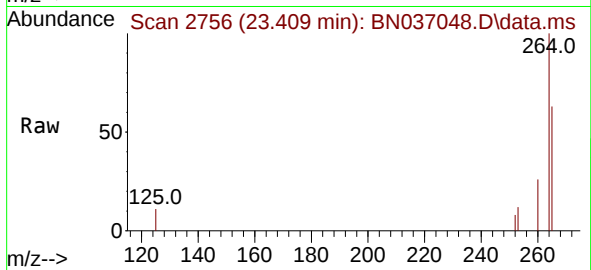
Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	30.8
279	3.4	2.6	3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037048.D
Acq: 19 May 2025 16:51

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-60-62



Tgt Ion:264 Resp: 5198

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.9	32.9
265	63.5	51.6	77.4

