

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037122.D
 Acq On : 28 May 2025 23:11
 Operator : RC/JU
 Sample : Q2118-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

Quant Time: May 29 01:33:54 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)

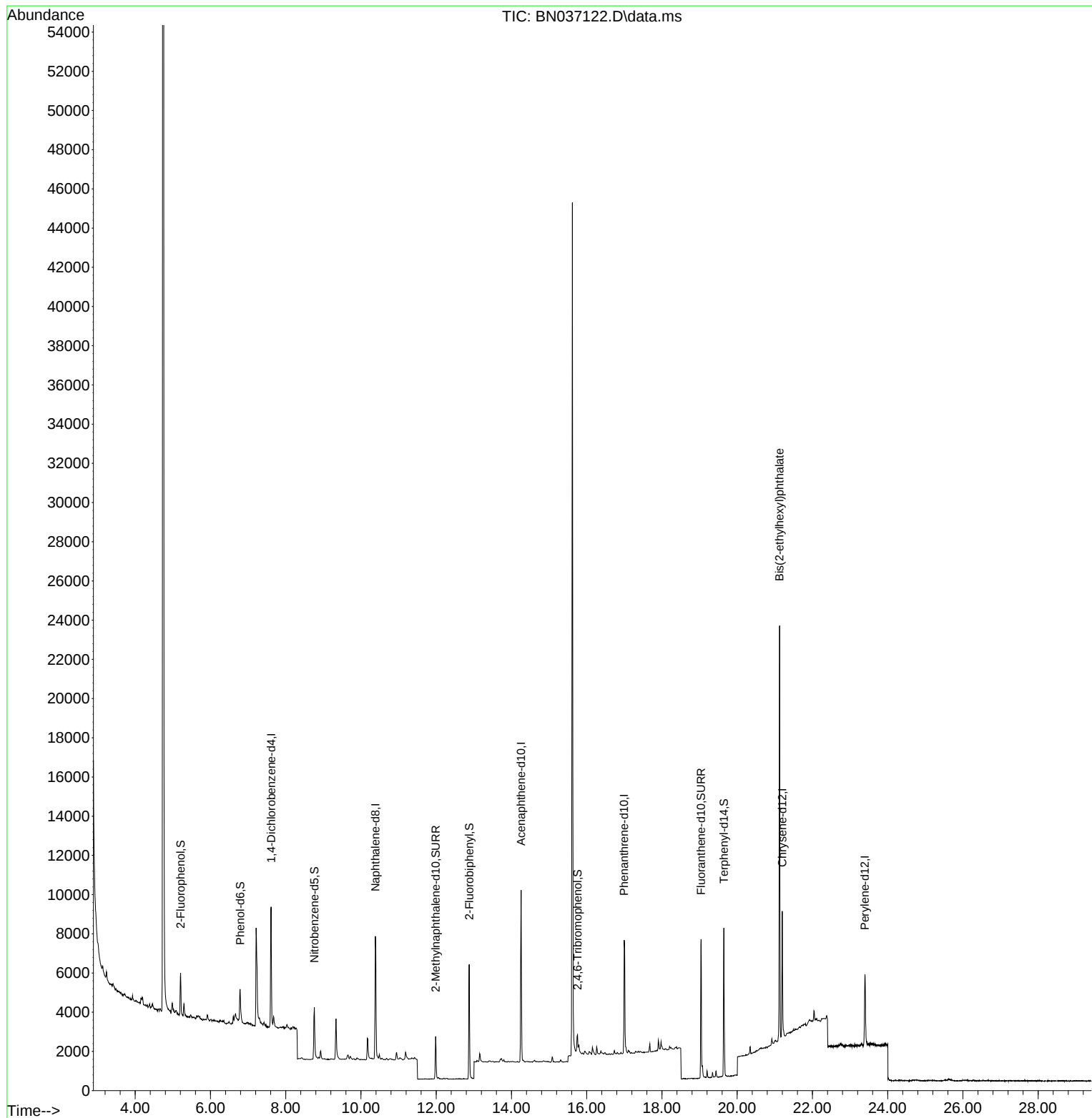
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2962	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	8217	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	4688	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	8832	0.400	ng	-0.01
29) Chrysene-d12	21.197	240	5864	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	4876	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1453	0.187	ng	0.00
5) Phenol-d6	6.788	99	1408	0.145	ng	0.00
8) Nitrobenzene-d5	8.760	82	2352	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3078	0.266	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	559	0.271	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5671	0.264	ng	-0.01
27) Fluoranthene-d10	19.040	212	7746	0.320	ng	0.00
31) Terphenyl-d14	19.644	244	6943	0.554	ng	-0.01
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.126	149	18022	1.326	ng	99

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

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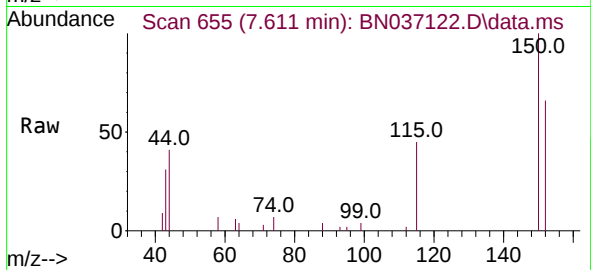
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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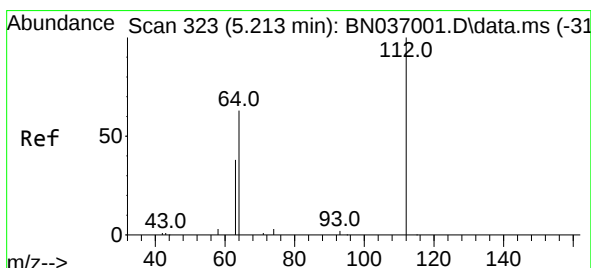
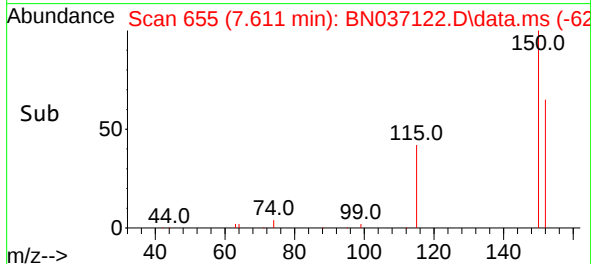
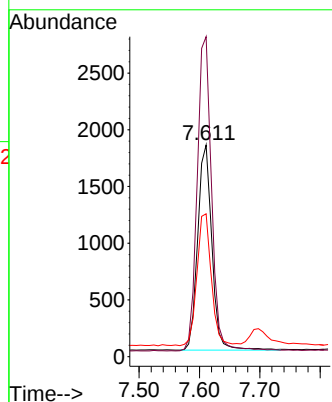
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542



Tgt Ion:152 Resp: 2962

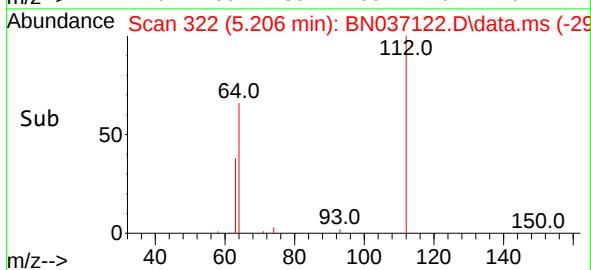
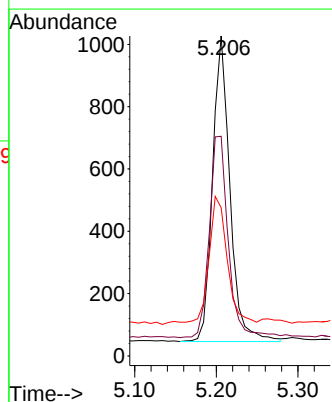
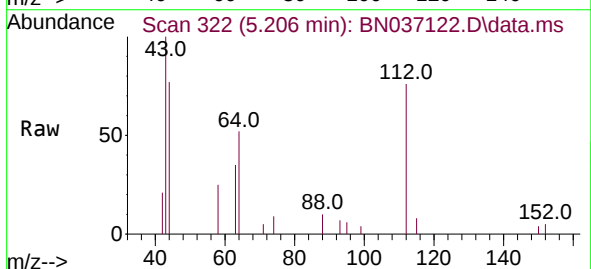
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.9	185.9
115	67.5	55.8	83.8

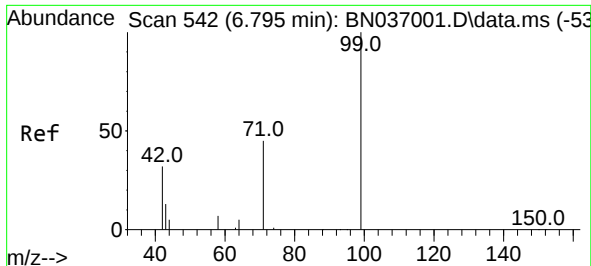


#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:112 Resp: 1453

Ion	Ratio	Lower	Upper
112	100		
64	72.5	55.7	83.5
63	41.9	34.6	51.8

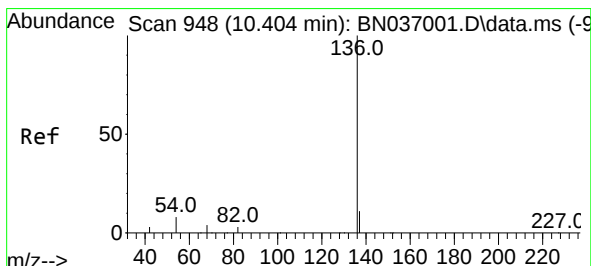
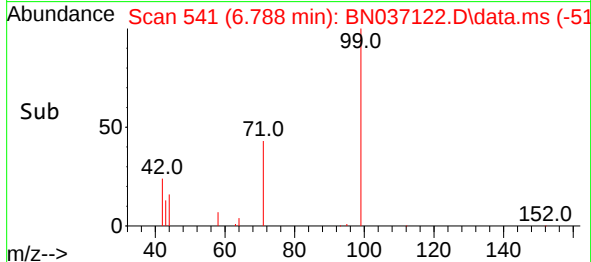
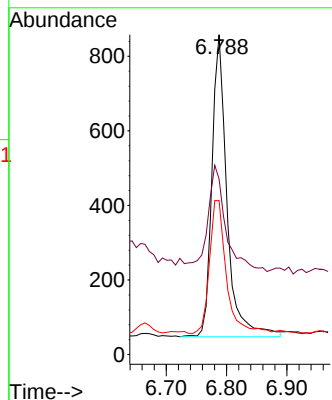
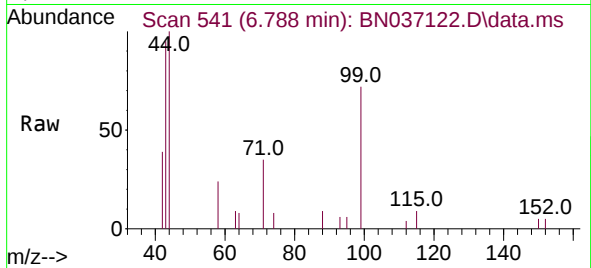




#5
Phenol-d6
Concen: 0.145 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

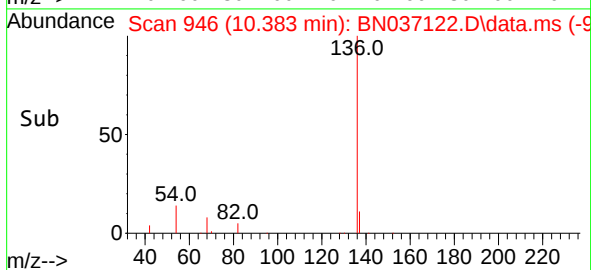
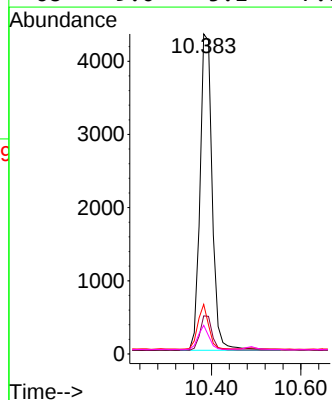
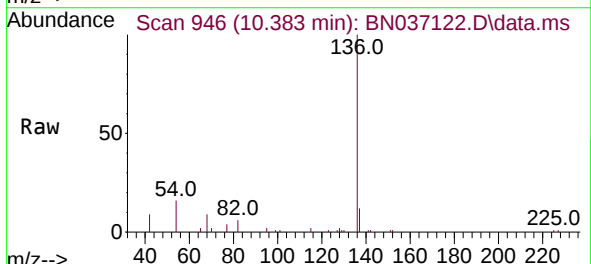
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

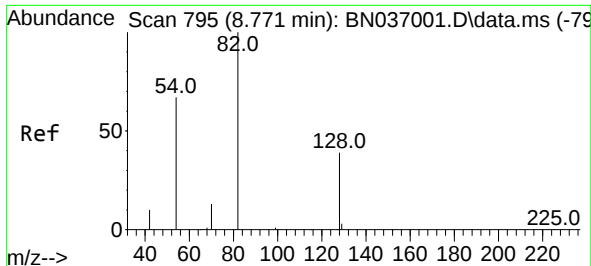
Tgt Ion: 99 Resp: 1408
Ion Ratio Lower Upper
99 100
42 42.0 29.3 43.9
71 48.9 35.7 53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. -0.021 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion: 136 Resp: 8217
Ion Ratio Lower Upper
136 100
137 11.9 10.4 15.6
54 15.5 8.5 12.7#
68 9.0 5.1 7.7#

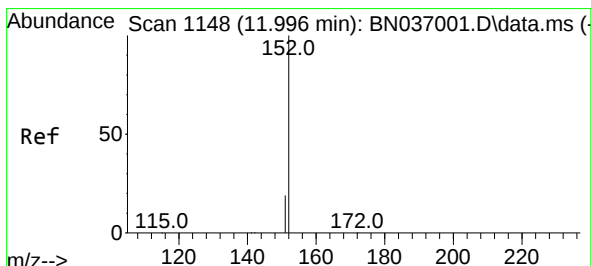
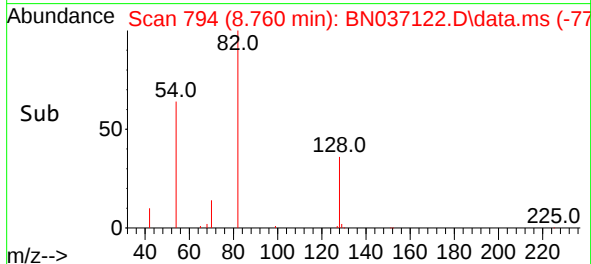
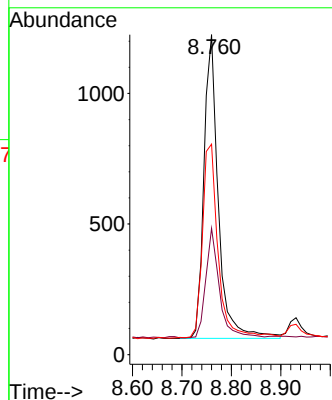
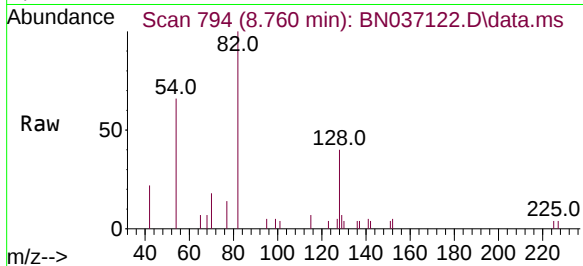




#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

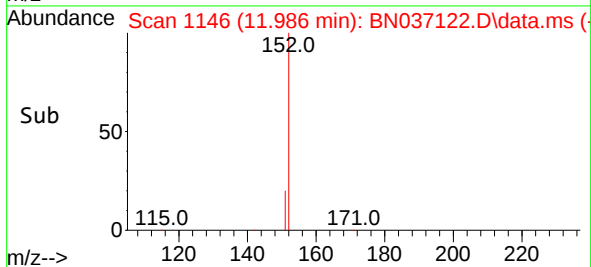
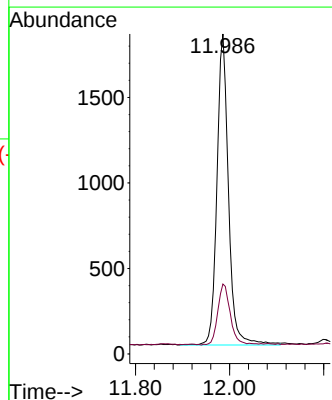
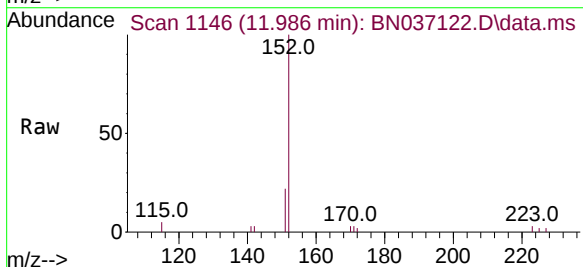
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

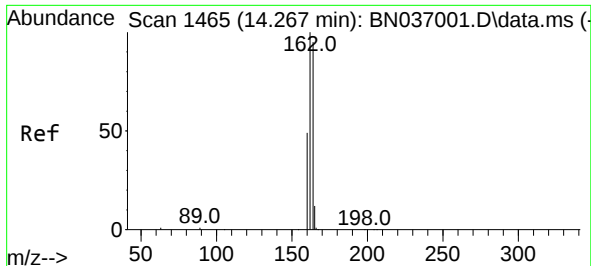
Tgt Ion: 82 Resp: 2352
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 65.8 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion: 152 Resp: 3078
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3

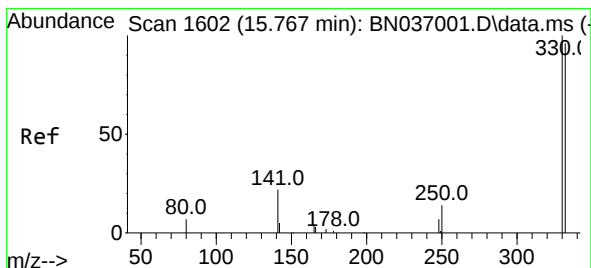
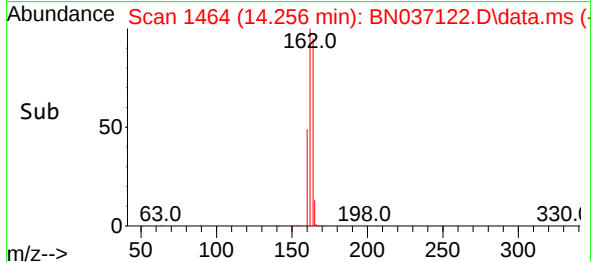
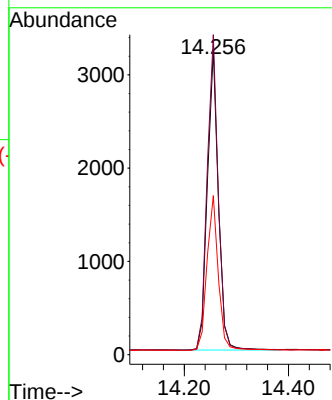
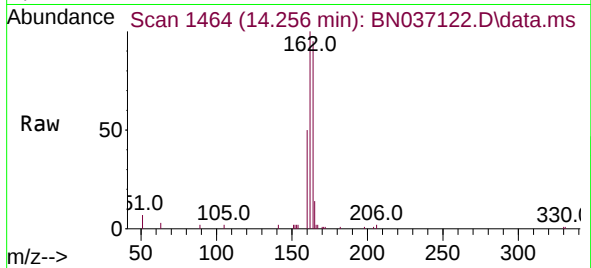




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

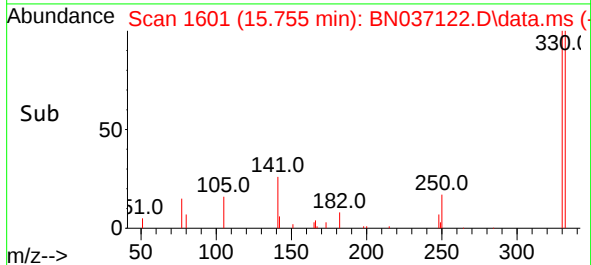
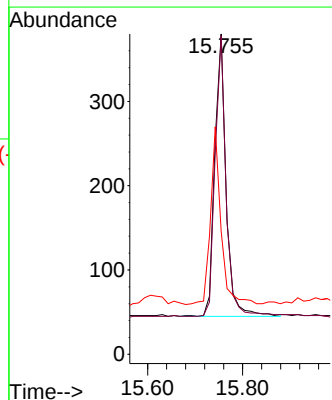
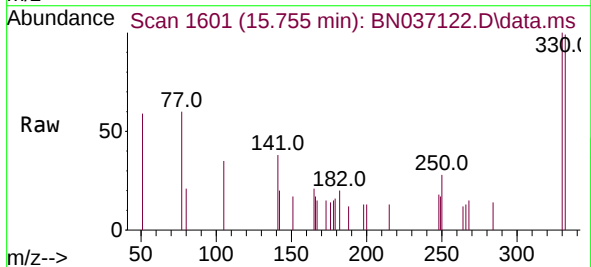
Instrument :
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ClientSampleId :
BP-VPB-182-GW-540-542

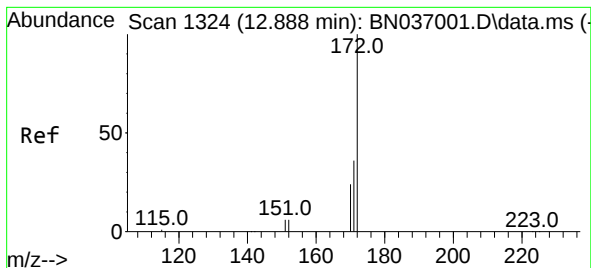
Tgt Ion:164 Resp: 4688
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 52.2 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.2 73.8 110.8
141 58.1 43.9 65.9

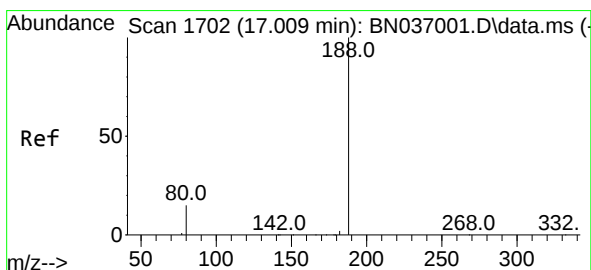
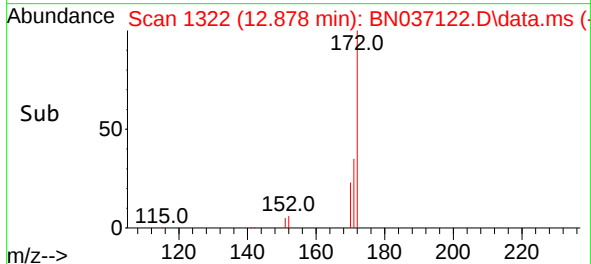
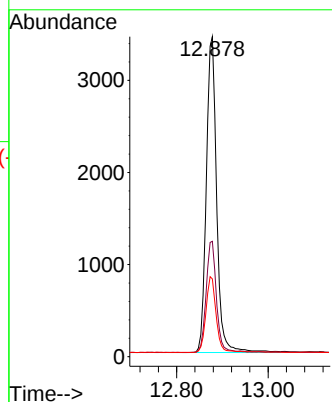
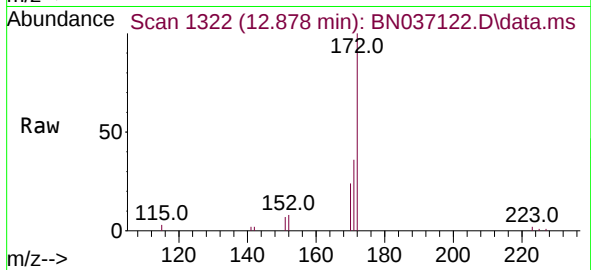




#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

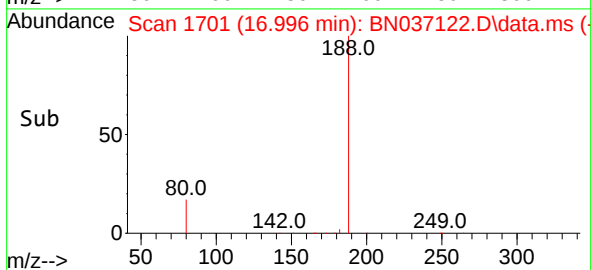
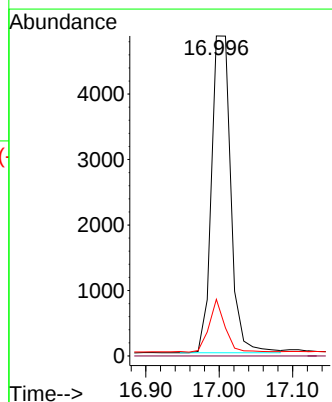
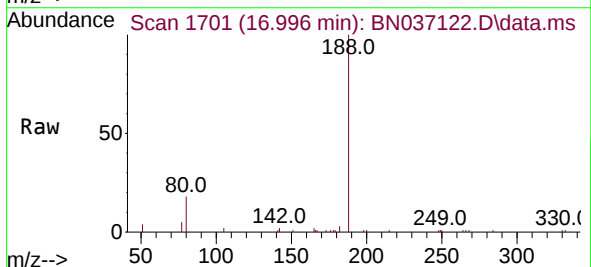
Instrument :
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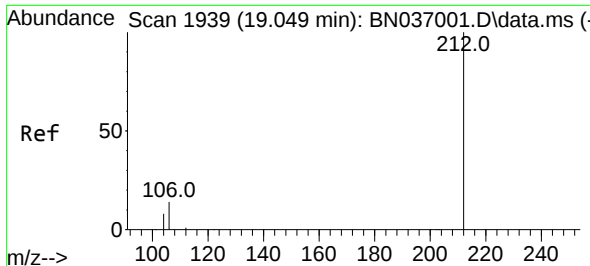
Tgt Ion:172 Resp: 5671
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:188 Resp: 8832
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.7 13.4 20.0

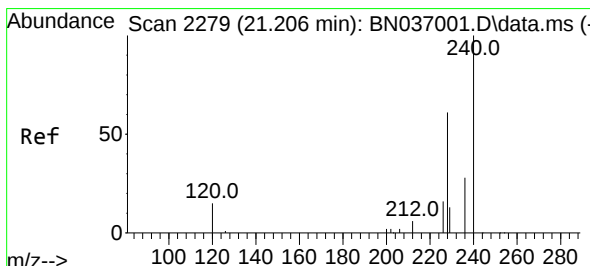
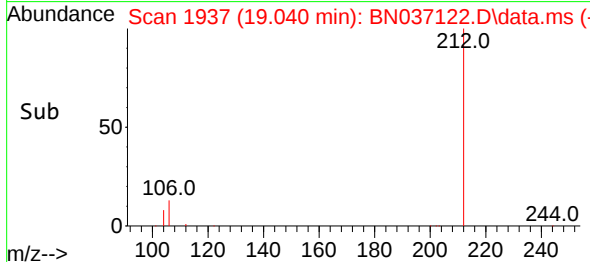
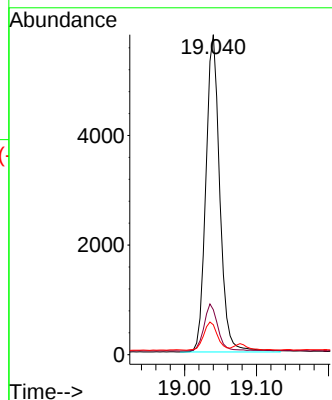
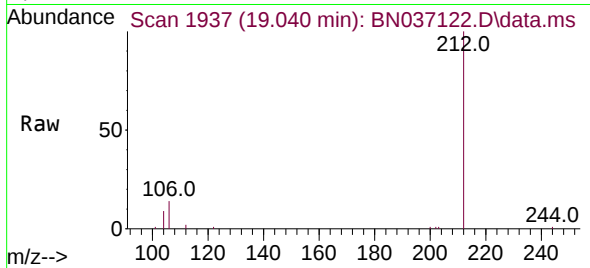




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

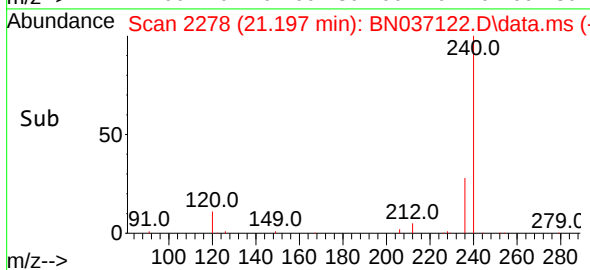
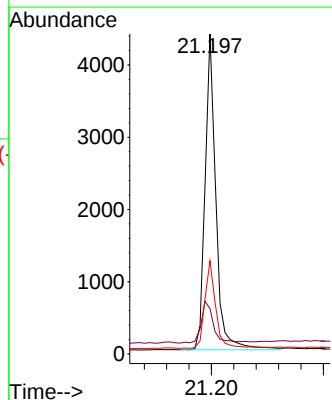
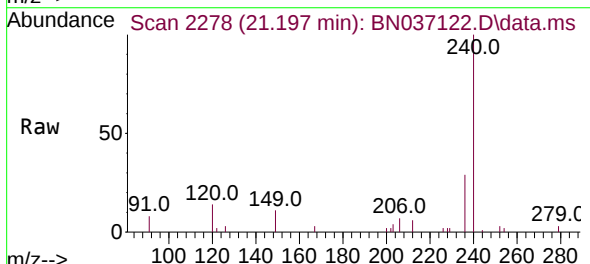
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

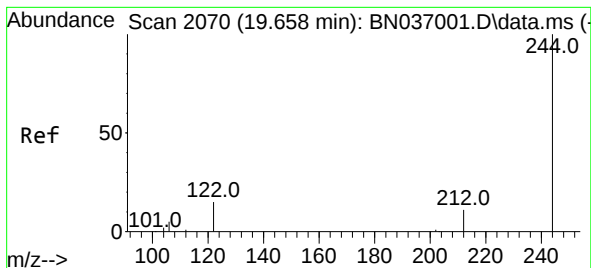
Tgt Ion:212 Resp: 7746
Ion Ratio Lower Upper
212 100
106 15.0 11.3 16.9
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:240 Resp: 5864
Ion Ratio Lower Upper
240 100
120 14.2 15.1 22.7#
236 29.1 24.0 36.0





#31

Terphenyl-d14

Concen: 0.554 ng

RT: 19.644 min Scan# 20

Delta R.T. -0.014 min

Lab File: BN037122.D

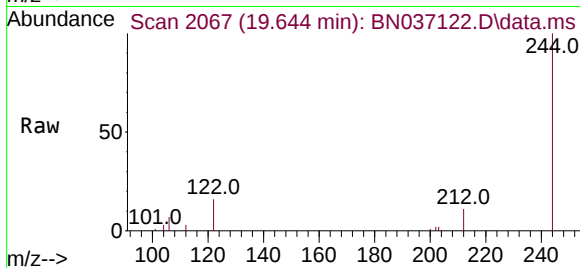
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Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-540-542



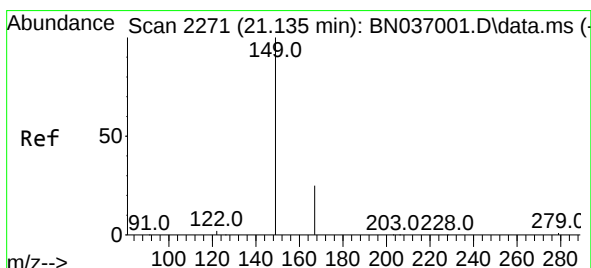
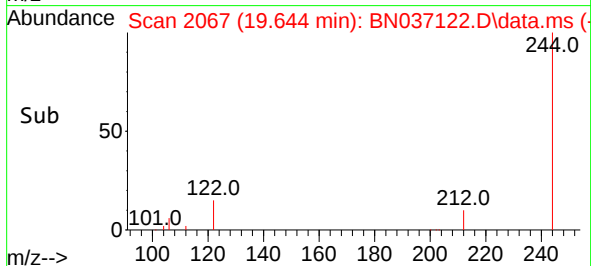
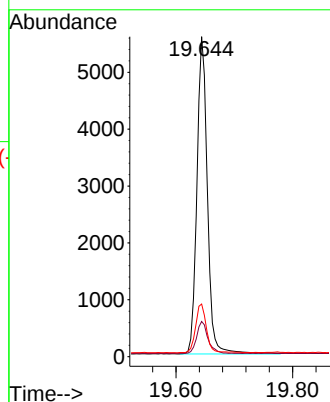
Tgt Ion:244 Resp: 6943

Ion Ratio Lower Upper

244 100

212 11.0 9.7 14.5

122 16.5 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.326 ng

RT: 21.126 min Scan# 2270

Delta R.T. -0.009 min

Lab File: BN037122.D

Acq: 28 May 2025 23:11

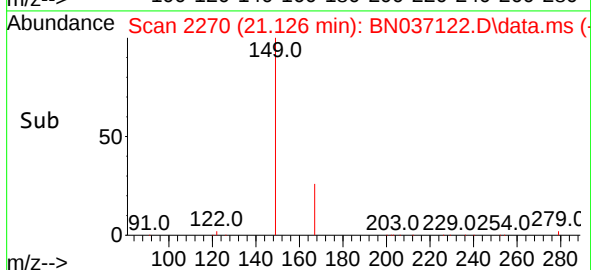
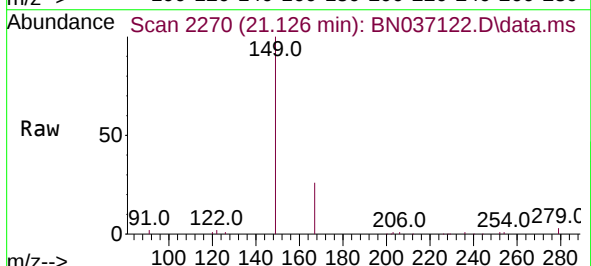
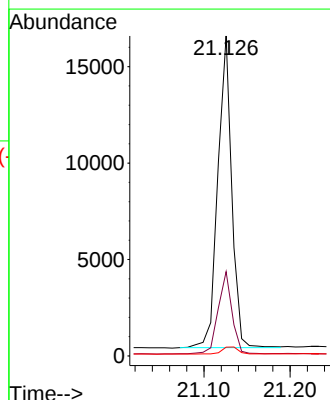
Tgt Ion:149 Resp: 18022

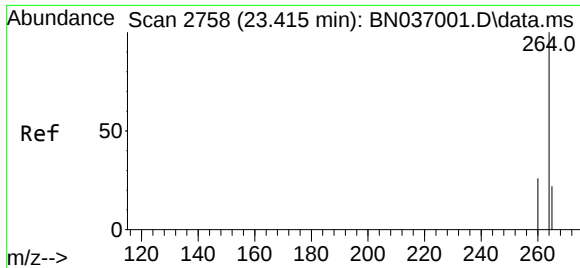
Ion Ratio Lower Upper

149 100

167 26.1 20.6 30.8

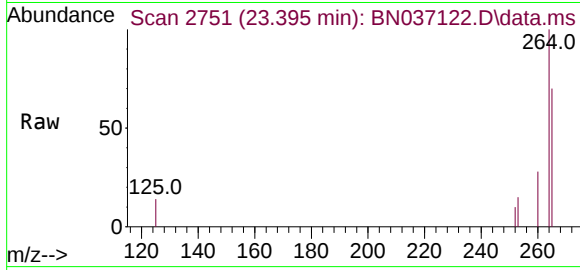
279 2.8 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.395 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Instrument :
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ClientSampleId :
BP-VPB-182-GW-540-542



Tgt Ion:	264	Resp:	4876
Ion Ratio	Lower	Upper	
264	100		
260	27.9	21.9	32.9
265	69.7	51.6	77.4

