

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037120.D
 Acq On : 28 May 2025 21:59
 Operator : RC/JU
 Sample : Q2118-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462

Quant Time: May 29 01:33:29 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)

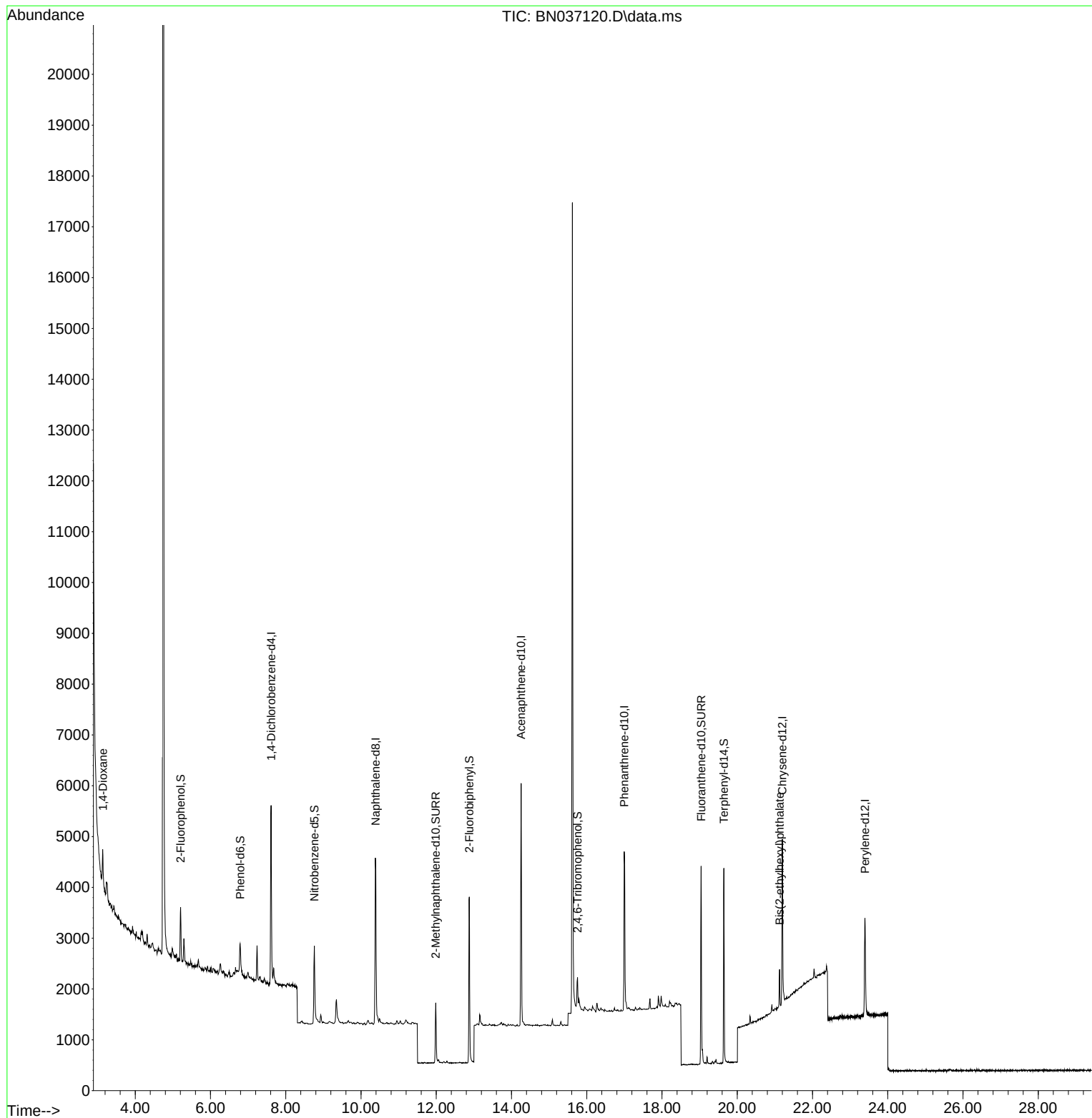
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1738	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4544	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2573	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	4901	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3103	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	2655	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	726	0.159	ng	0.00
5) Phenol-d6	6.788	99	585	0.103	ng	0.00
8) Nitrobenzene-d5	8.760	82	1383	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1711	0.267	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	391	0.346	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3442	0.292	ng	-0.01
27) Fluoranthene-d10	19.040	212	4381	0.326	ng	0.00
31) Terphenyl-d14	19.644	244	3629	0.547	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.141	88	361	0.169	ng	# 14
34) Bis(2-ethylhexyl)phtha...	21.126	149	717	0.100	ng	# 97

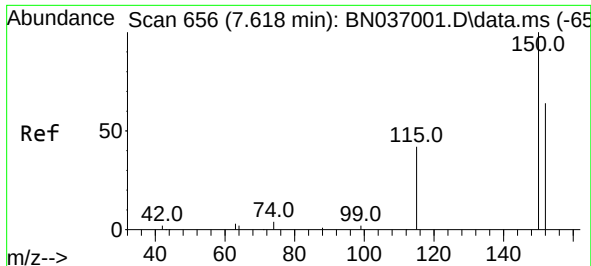
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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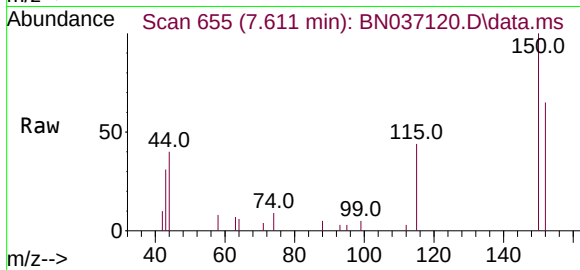
Quant Time: May 29 01:33:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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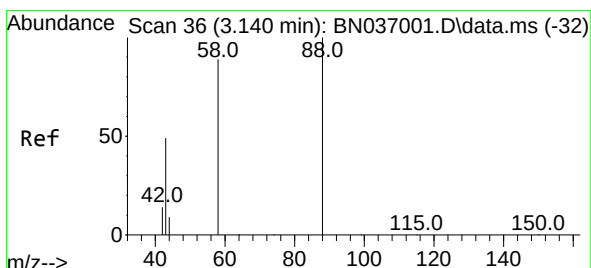
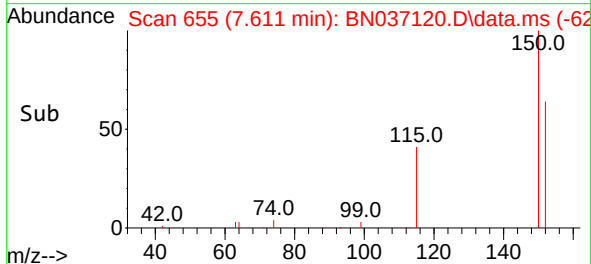
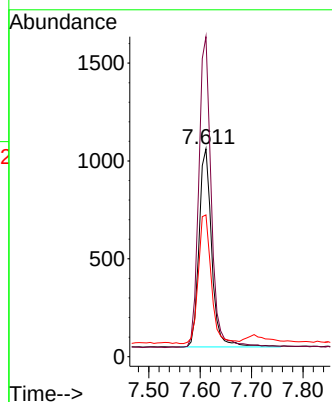
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462



Tgt Ion:152 Resp: 1738

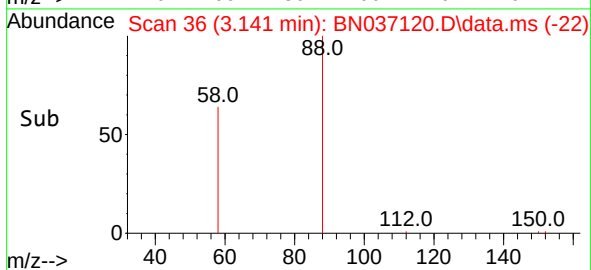
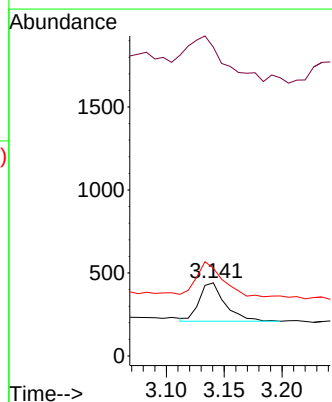
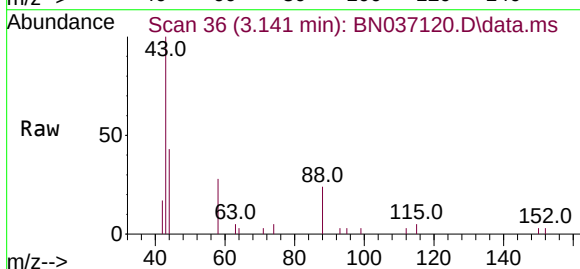
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	68.2	55.8	83.8

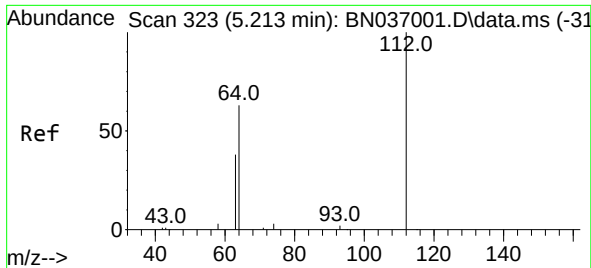


#2
 1,4-Dioxane
 Concen: 0.169 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

Tgt Ion: 88 Resp: 361

Ion	Ratio	Lower	Upper
88	100		
43	197.2	37.4	56.0#
58	95.8	68.8	103.2

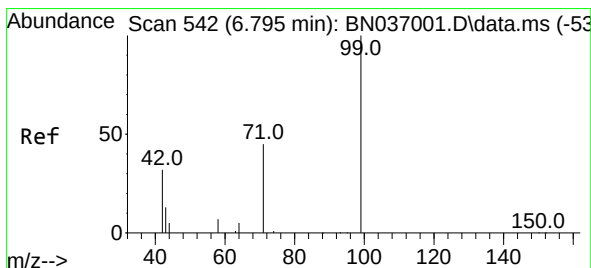
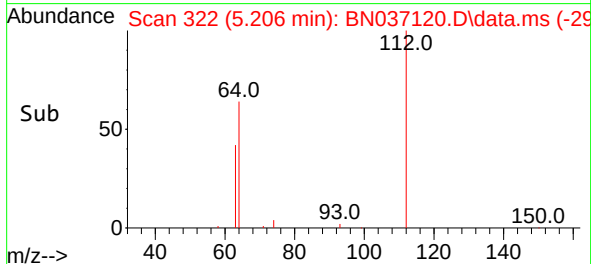
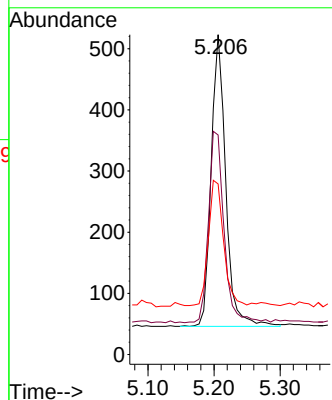
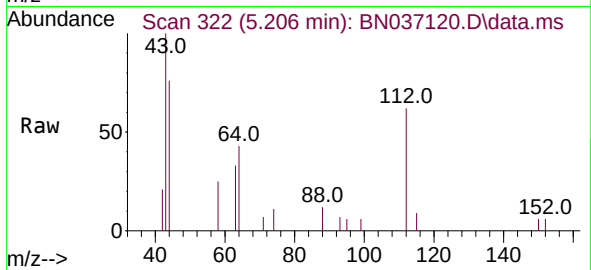




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

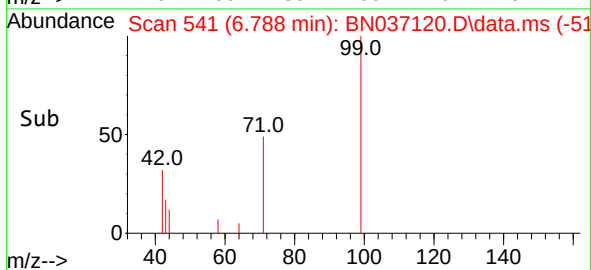
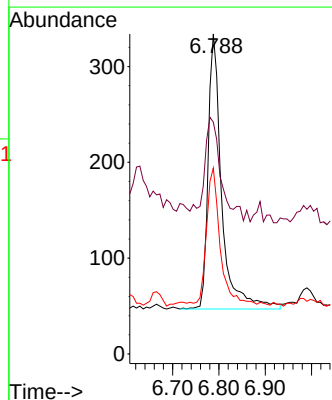
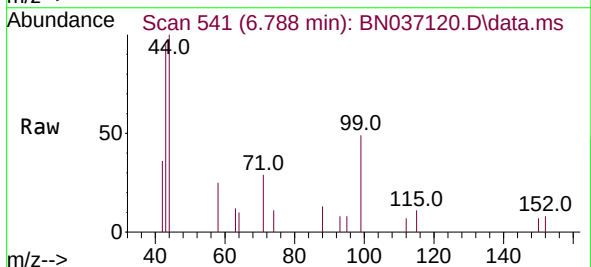
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

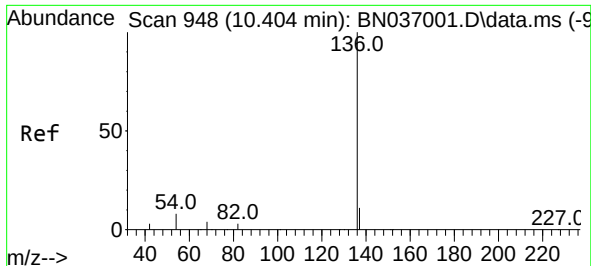
Tgt Ion:112 Resp: 726
Ion Ratio Lower Upper
112 100
64 70.1 55.7 83.5
63 44.9 34.6 51.8



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion: 99 Resp: 585
Ion Ratio Lower Upper
99 100
42 47.7 29.3 43.9#
71 48.4 35.7 53.5

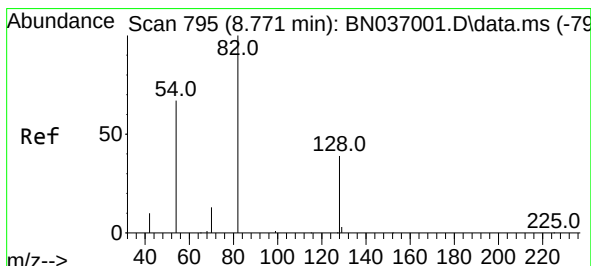
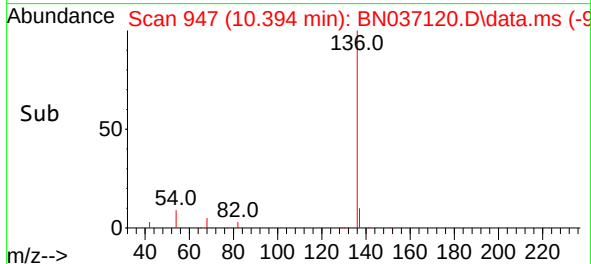
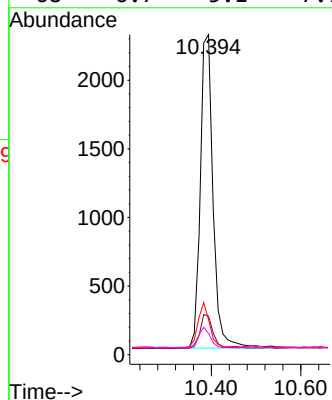
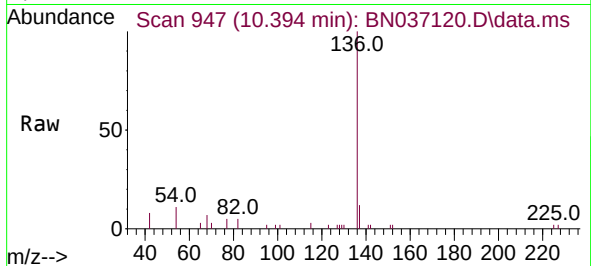




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

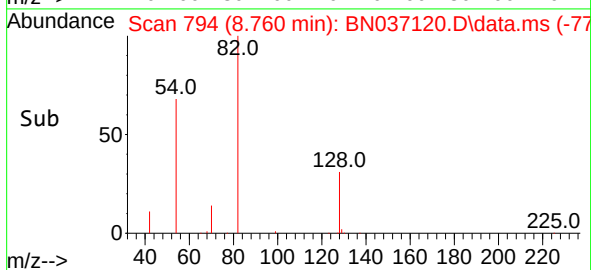
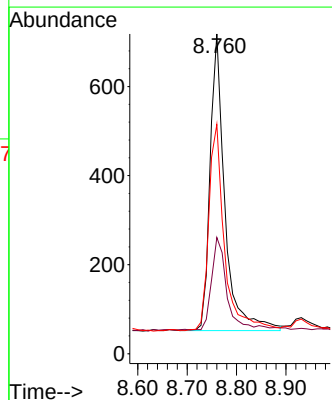
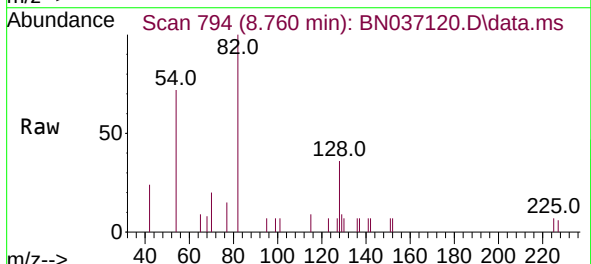
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

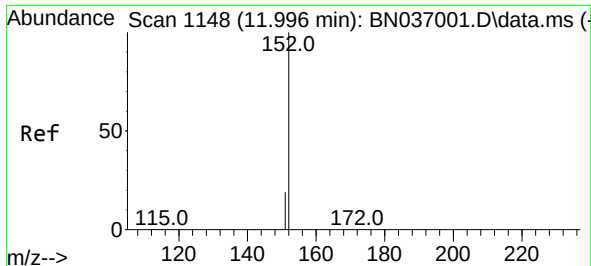
Tgt Ion:	136	Resp:	4544
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	11.1	8.5	12.7
68	6.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:	82	Resp:	1383
Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.0	51.0
54	71.7	55.0	82.4

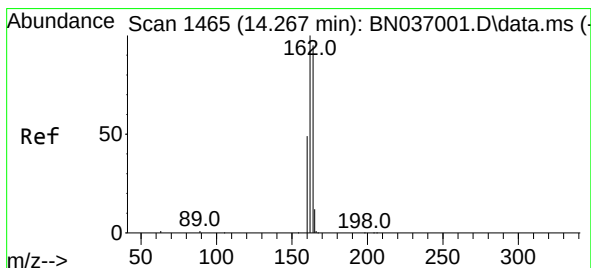
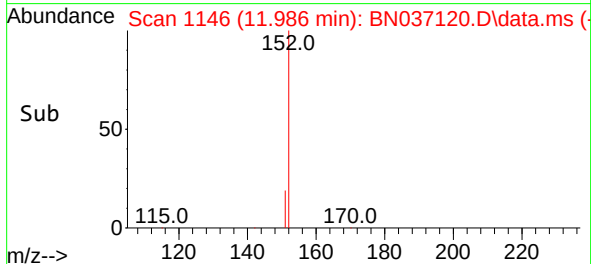
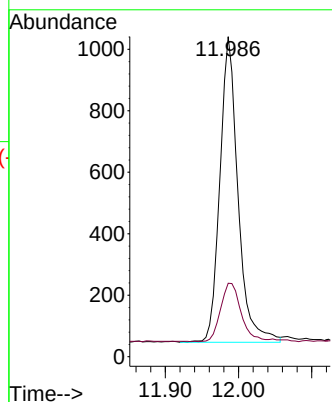
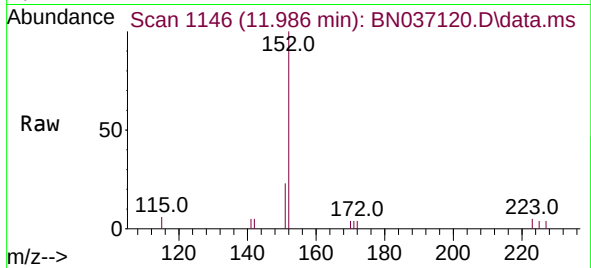




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

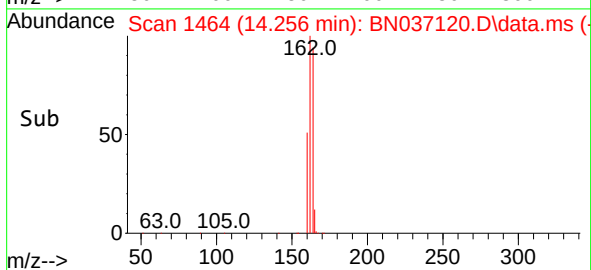
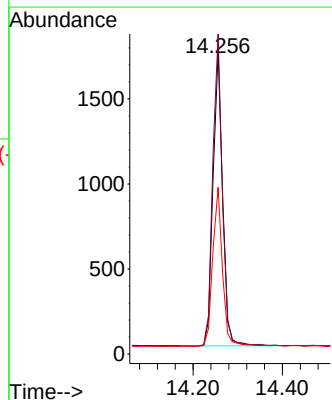
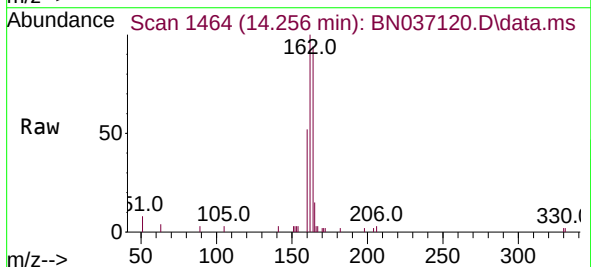
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

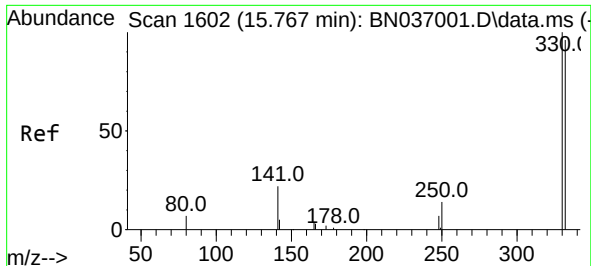
Tgt Ion:152 Resp: 1711
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

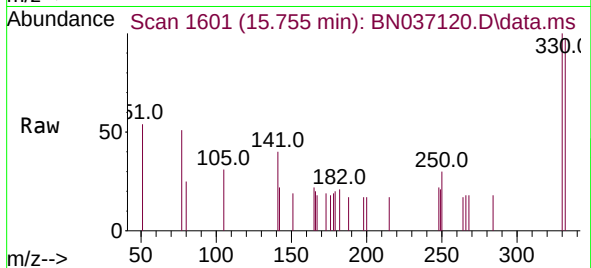
Tgt Ion:164 Resp: 2573
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 55.1 42.6 63.8



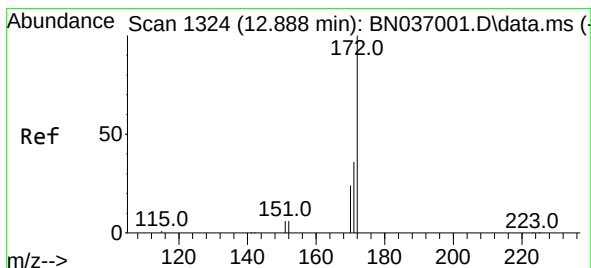
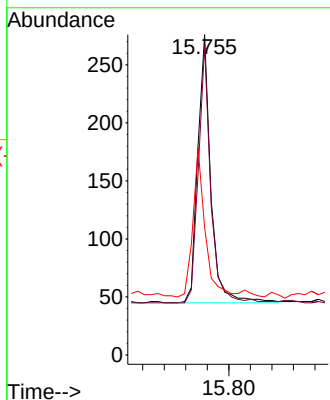
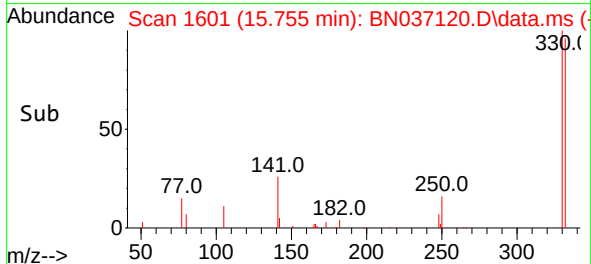


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

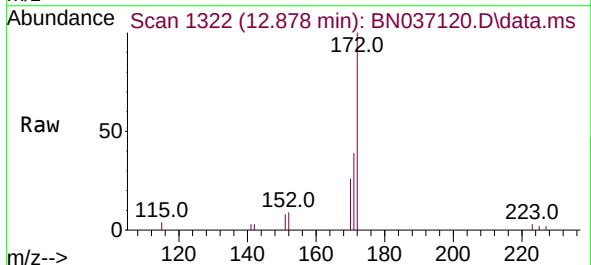
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462



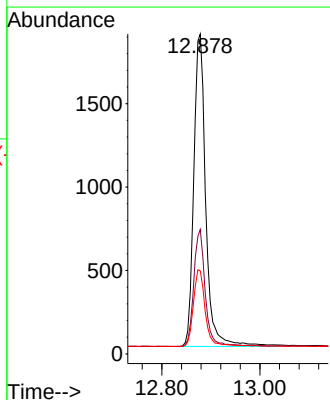
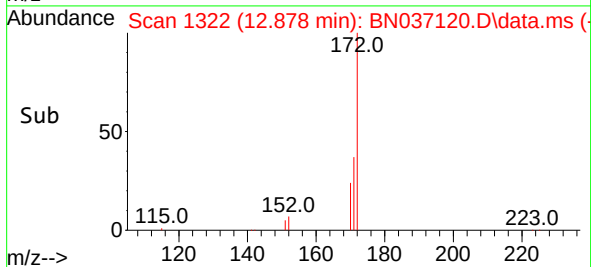
Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 90.3 73.8 110.8
141 52.9 43.9 65.9

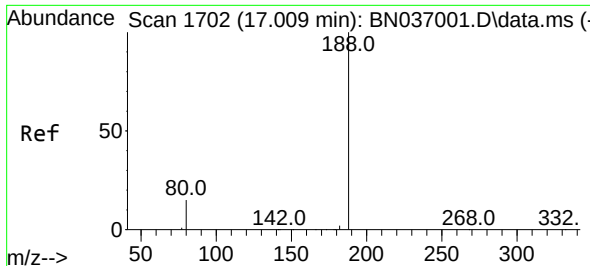


#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59



Tgt Ion:172 Resp: 3442
Ion Ratio Lower Upper
172 100
171 38.9 29.2 43.8
170 26.0 20.5 30.7

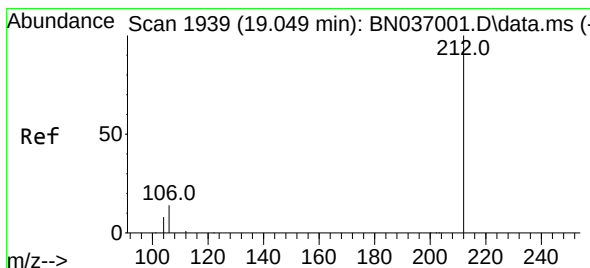
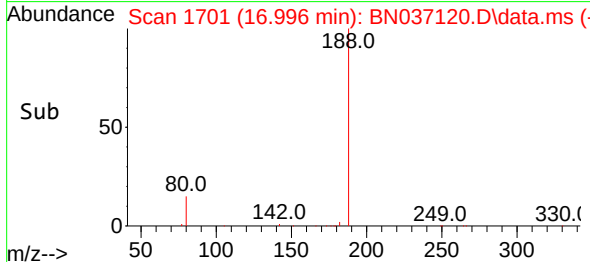
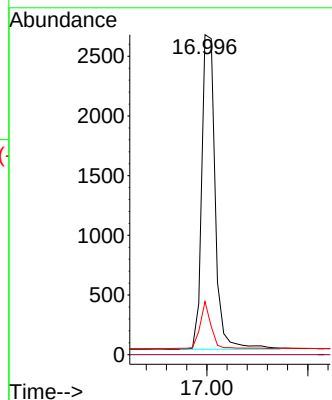
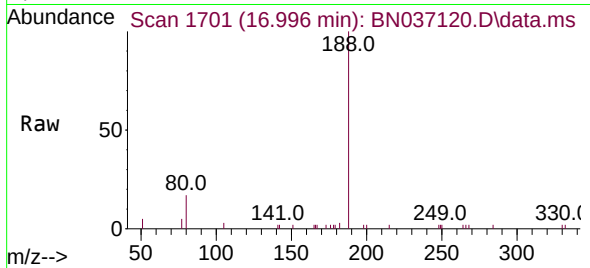




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

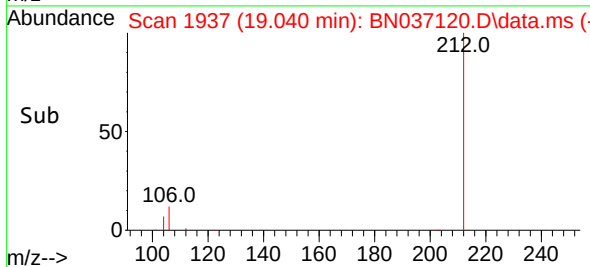
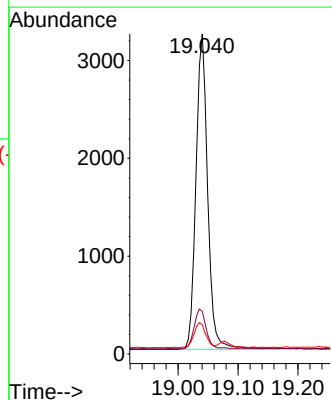
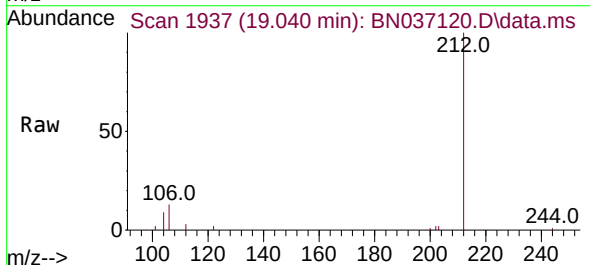
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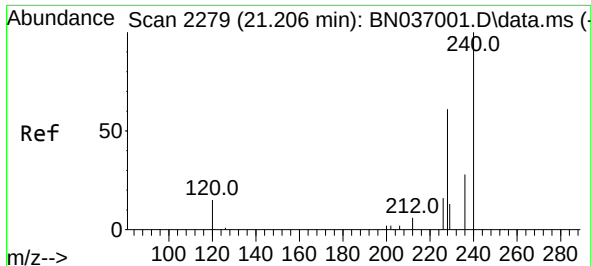
Tgt Ion:188 Resp: 4901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.6 13.4 20.0



#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:212 Resp: 4381
Ion Ratio Lower Upper
212 100
106 13.0 11.3 16.9
104 8.0 6.7 10.1

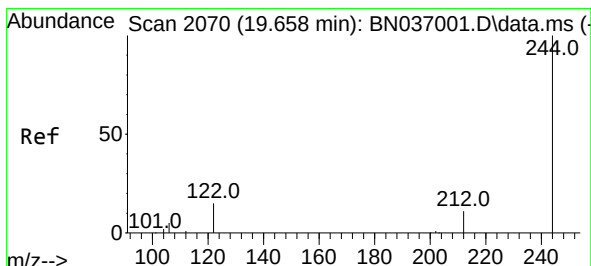
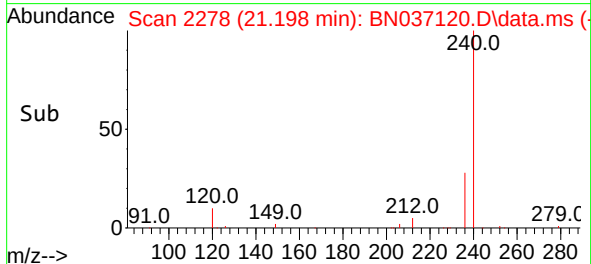
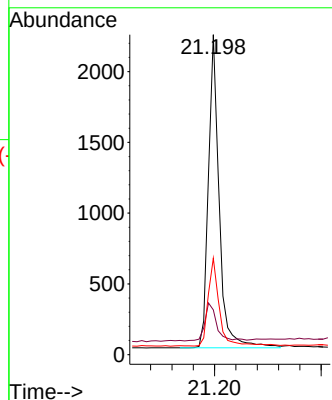
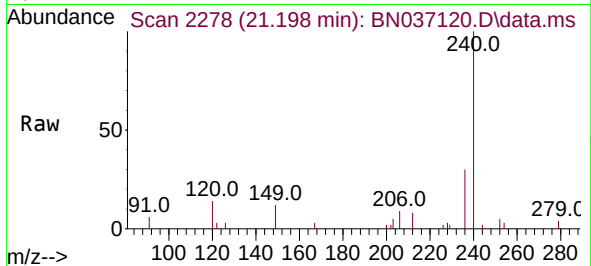




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

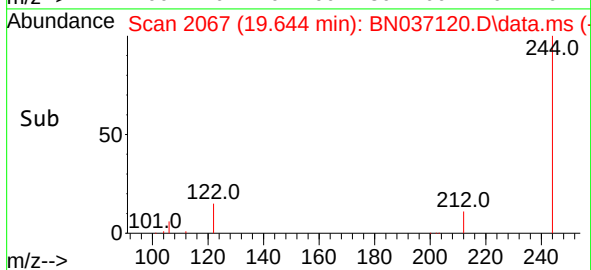
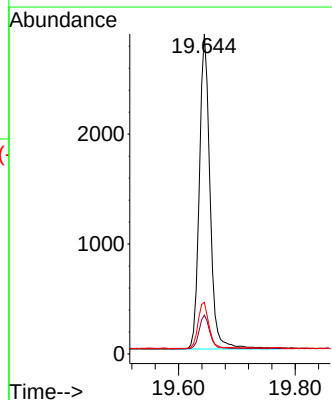
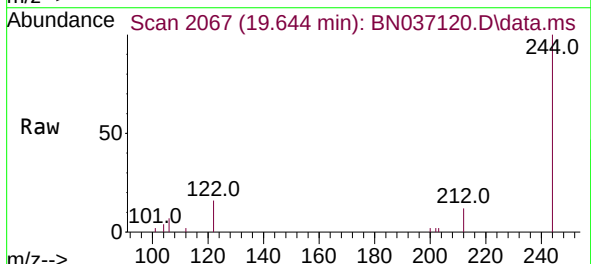
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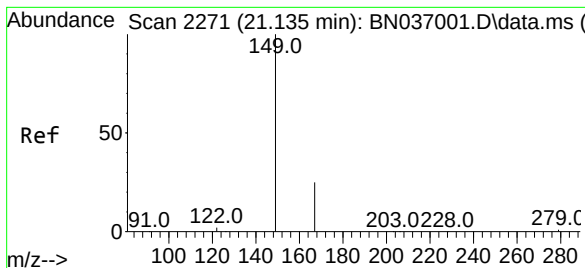
Tgt Ion:240 Resp: 3103
Ion Ratio Lower Upper
240 100
120 14.0 15.1 22.7#
236 30.2 24.0 36.0



#31
Terphenyl-d14
Concen: 0.547 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:244 Resp: 3629
Ion Ratio Lower Upper
244 100
212 12.2 9.7 14.5
122 16.2 13.4 20.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

RT: 21.126 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-460-462

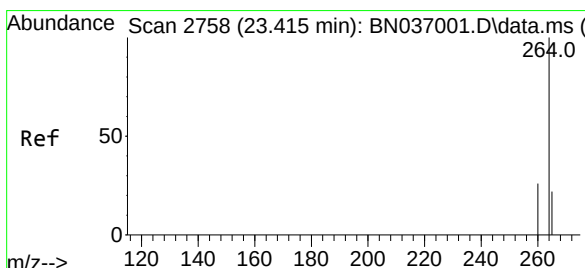
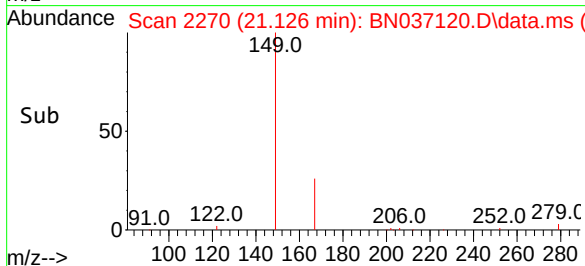
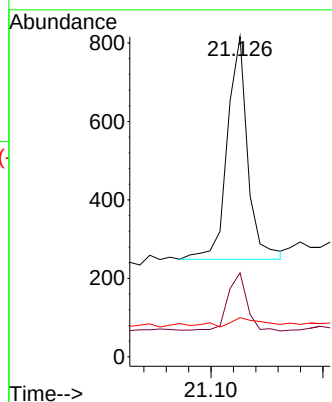
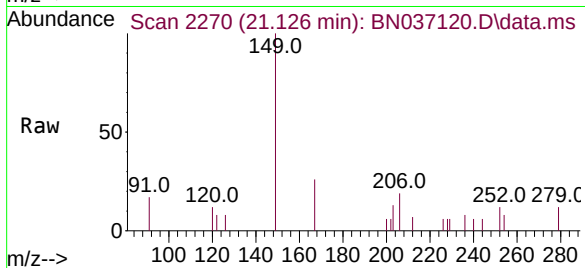
Tgt Ion:149 Resp: 717

Ion Ratio Lower Upper

149 100

167 24.7 20.6 30.8

279 6.3 2.6 3.8#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.395 min Scan# 2751

Delta R.T. -0.020 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

Tgt Ion:264 Resp: 2655

Ion Ratio Lower Upper

264 100

260 28.4 21.9 32.9

265 76.4 51.6 77.4

