

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037089.D
 Acq On : 27 May 2025 16:24
 Operator : RC/JU
 Sample : Q2082-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

Quant Time: May 27 17:58:59 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)

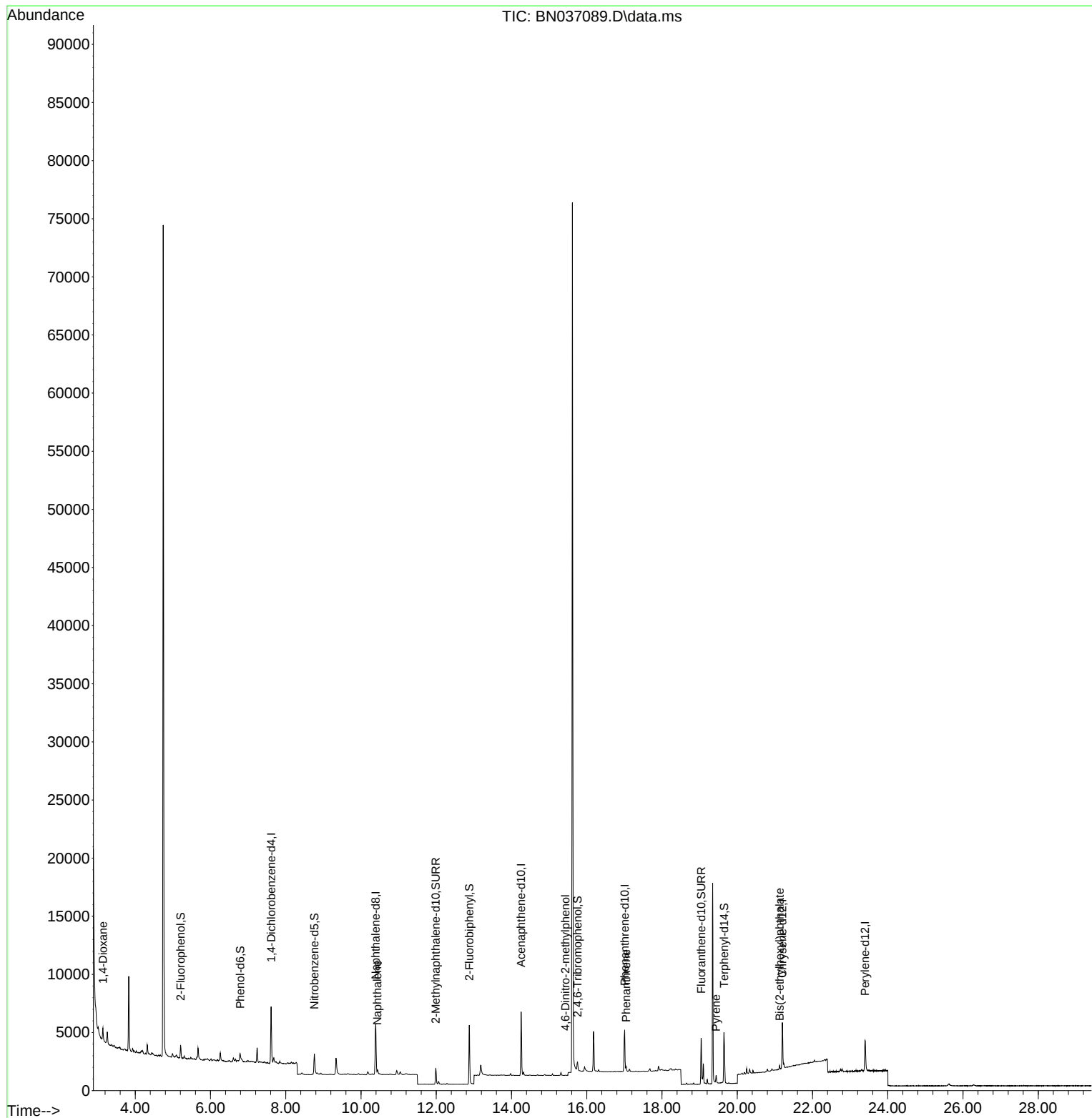
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2237	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5782	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2913	0.400	ng	-0.01
19) Phenanthrene-d10	17.008	188	5217	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	3733	0.400	ng	0.00
35) Perylene-d12	23.398	264	3583	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	717	0.122	ng	0.00
5) Phenol-d6	6.788	99	527	0.072	ng	0.00
8) Nitrobenzene-d5	8.760	82	1619	0.257	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2011	0.247	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	424	0.331	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4868	0.365	ng	-0.01
27) Fluoranthene-d10	19.040	212	4482	0.313	ng	0.00
31) Terphenyl-d14	19.648	244	3880	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	620	0.226	ng	# 71
9) Naphthalene	10.436	128	444	0.026	ng	# 65
20) 4,6-Dinitro-2-methylph...	15.432	198	3	0.027	ng	# 1
25) Phenanthrene	17.046	178	431	0.025	ng	97
30) Pyrene	19.435	202	353	0.022	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.126	149	365	0.042	ng	# 96

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

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BP-VPB-182-GW-300-302

Quant Time: May 27 17:58:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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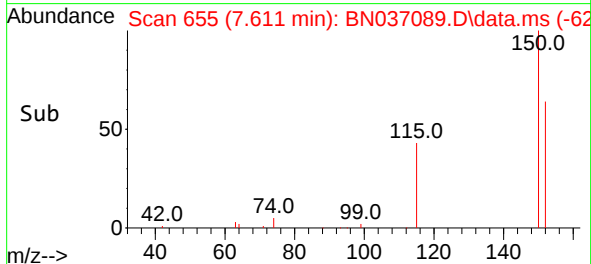
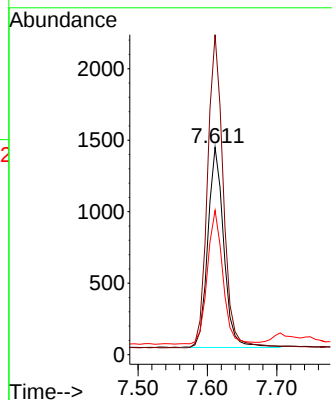
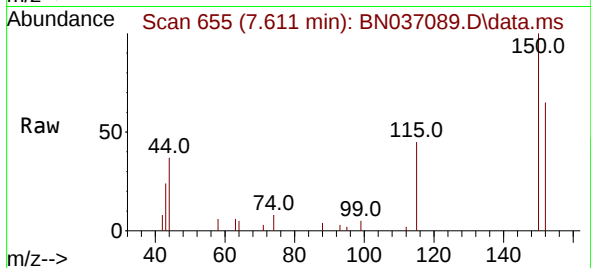




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037089.D
 Acq: 27 May 2025 16:24

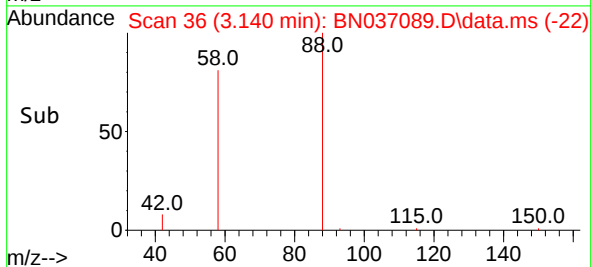
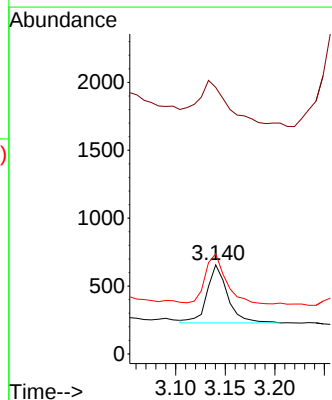
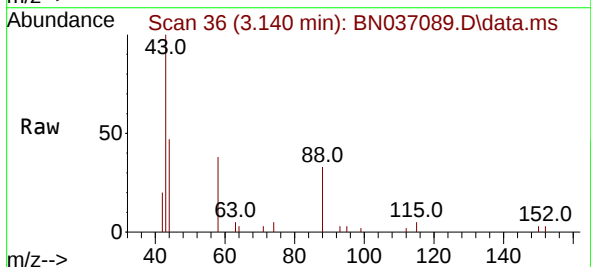
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

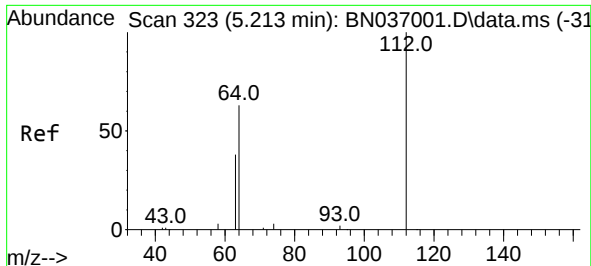
Tgt Ion:152 Resp: 2237
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.9 185.9
 115 69.6 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.226 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037089.D
 Acq: 27 May 2025 16:24

Tgt Ion: 88 Resp: 620
 Ion Ratio Lower Upper
 88 100
 43 100.5 37.4 56.0#
 58 85.8 68.8 103.2

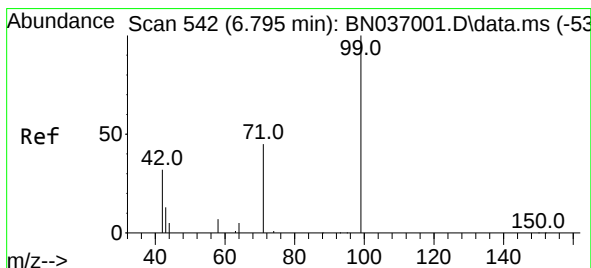
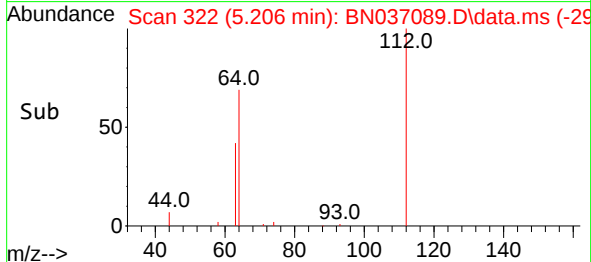
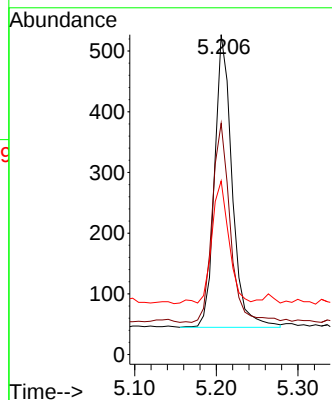
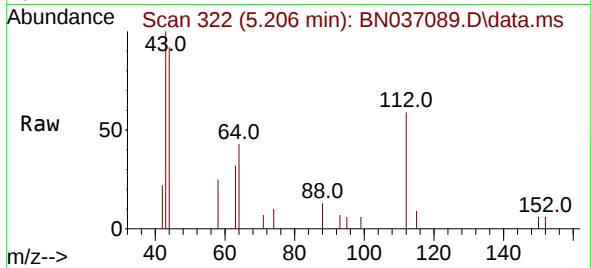




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

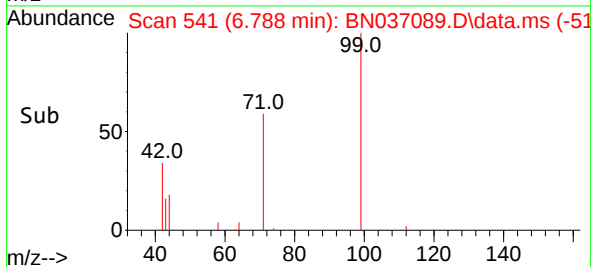
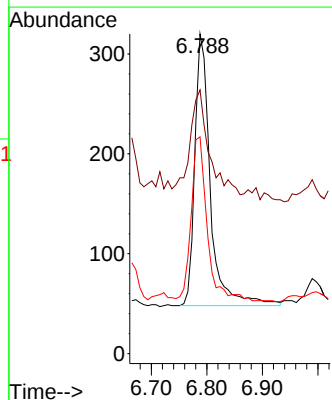
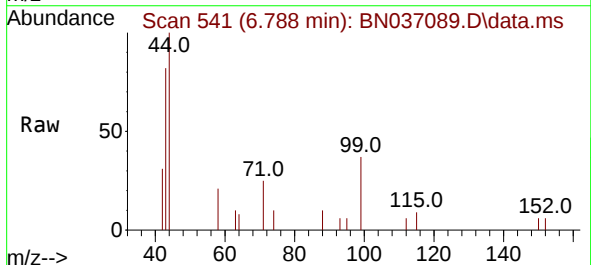
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

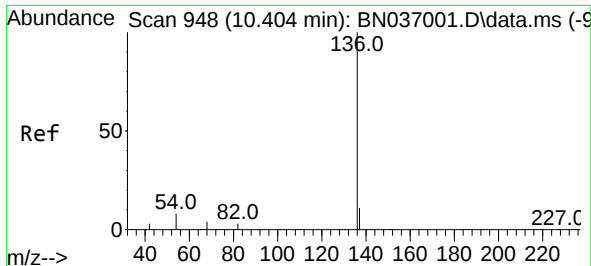
Tgt Ion:112 Resp: 717
Ion Ratio Lower Upper
112 100
64 70.6 55.7 83.5
63 43.1 34.6 51.8



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion: 99 Resp: 527
Ion Ratio Lower Upper
99 100
42 45.7 29.3 43.9#
71 63.4 35.7 53.5#

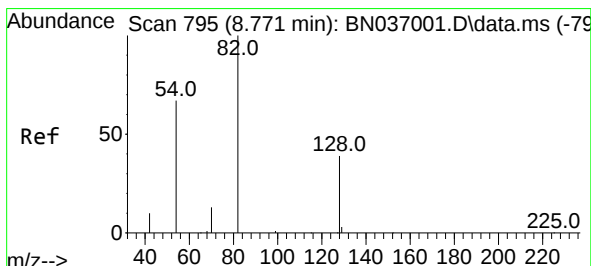
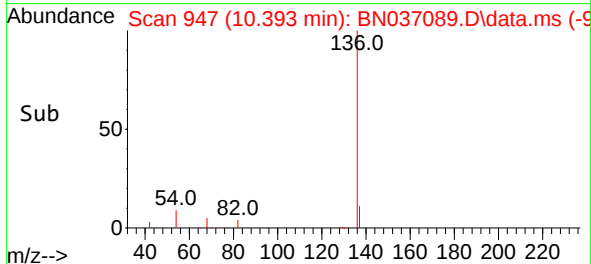
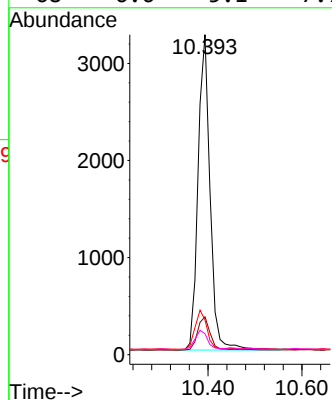
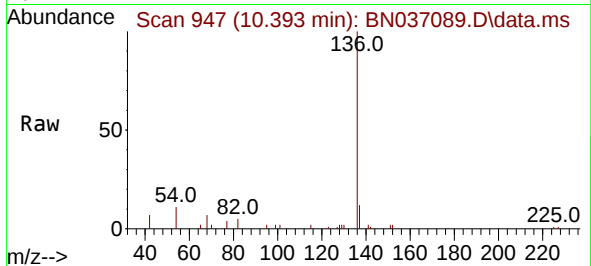




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

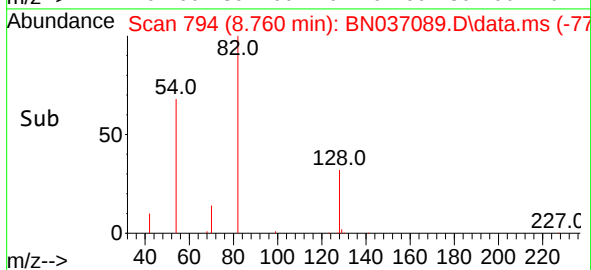
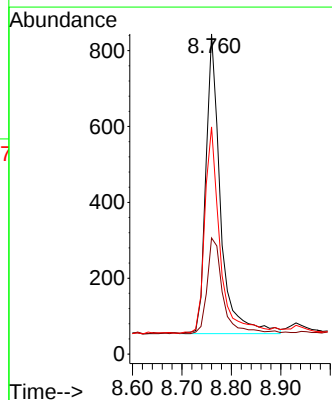
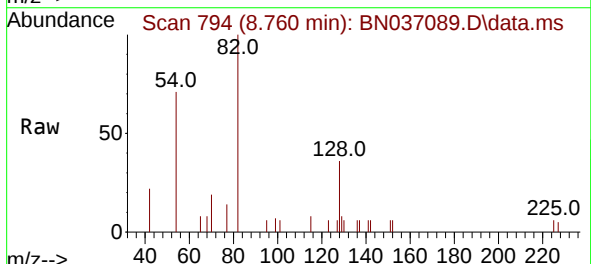
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

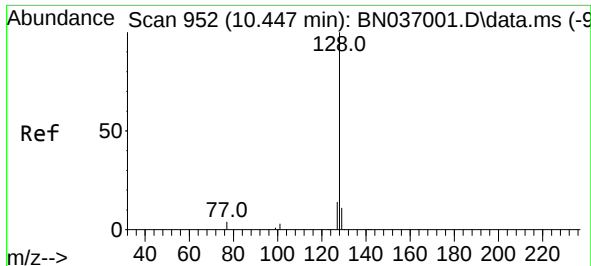
Tgt Ion:	136	Resp:	5782
Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.4	15.6
54	10.8	8.5	12.7
68	6.6	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:	82	Resp:	1619
Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	71.0	55.0	82.4

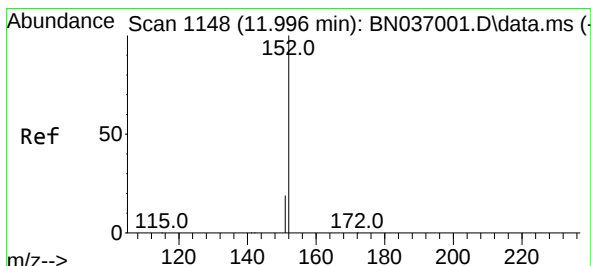
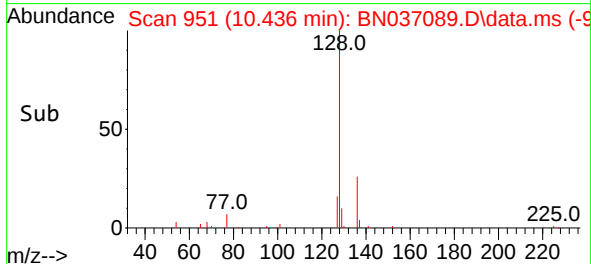
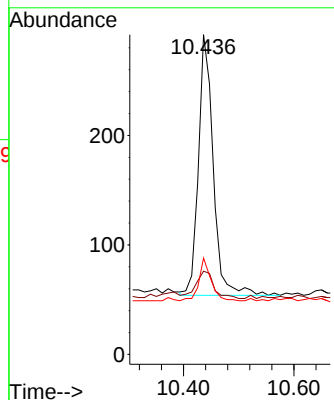
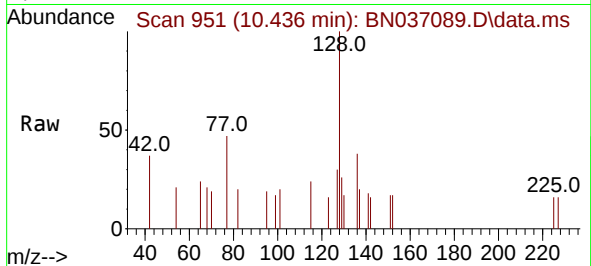




#9
Naphthalene
Concen: 0.026 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

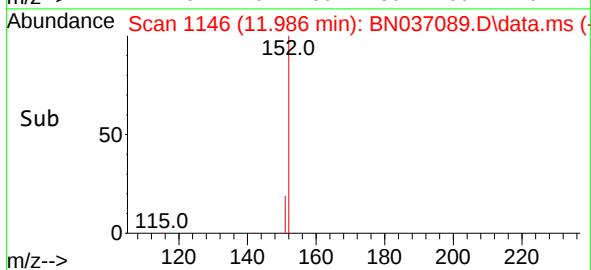
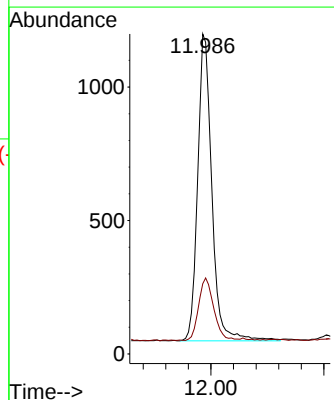
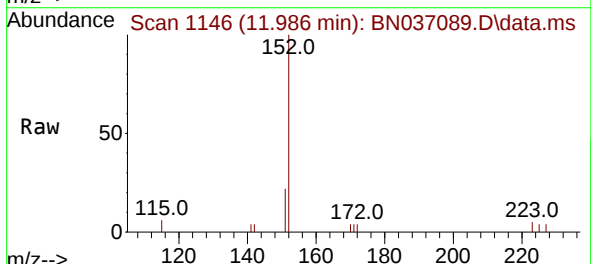
Instrument :
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ClientSampleId :
BP-VPB-182-GW-300-302

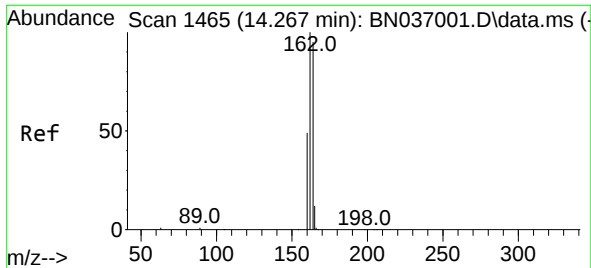
Tgt Ion:128 Resp: 444
Ion Ratio Lower Upper
128 100
129 26.0 9.7 14.5#
127 30.1 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:152 Resp: 2011
Ion Ratio Lower Upper
152 100
151 21.6 17.5 26.3

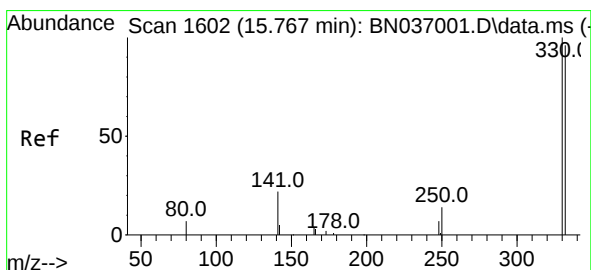
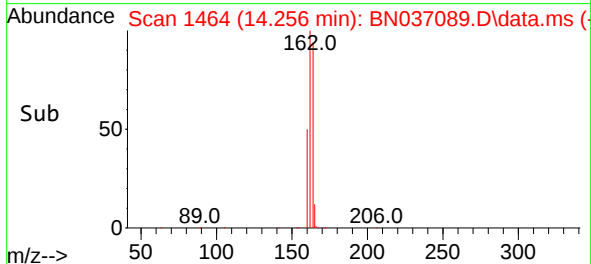
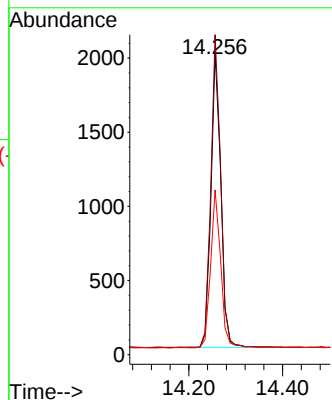
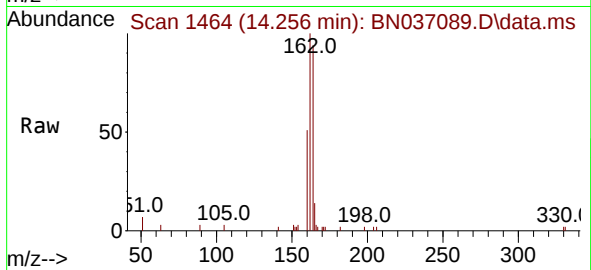




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

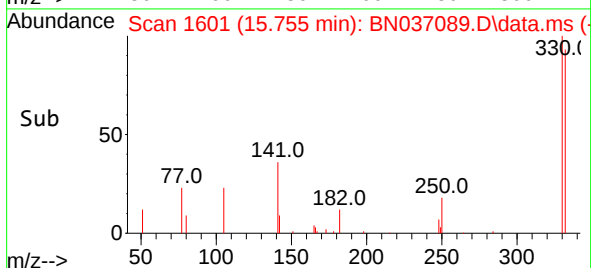
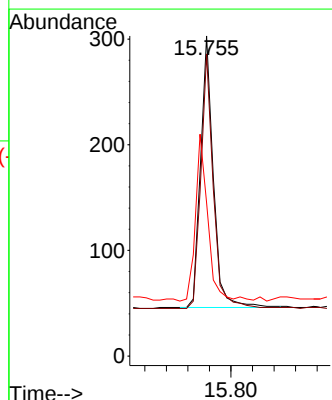
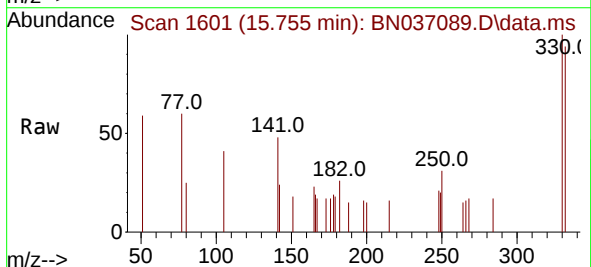
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

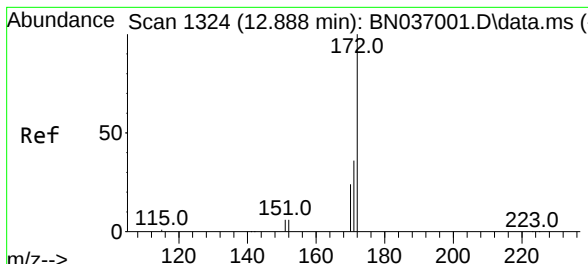
Tgt Ion:164 Resp: 2913
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.4
160 54.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.013 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:330 Resp: 424
Ion Ratio Lower Upper
330 100
332 92.0 73.8 110.8
141 59.4 43.9 65.9

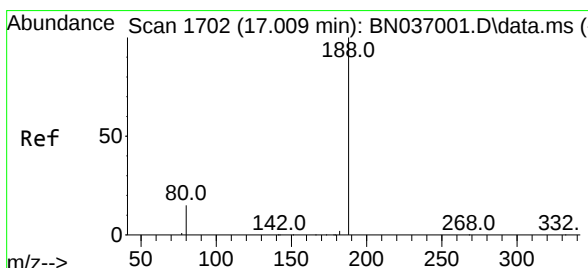
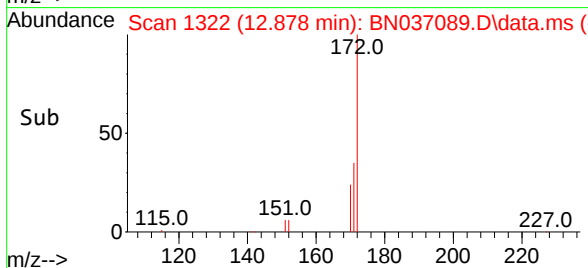
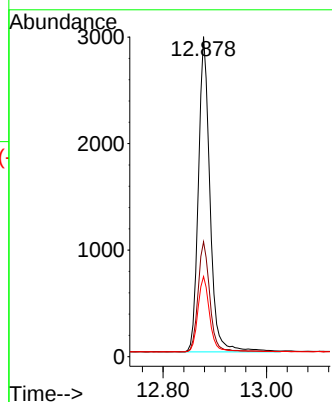
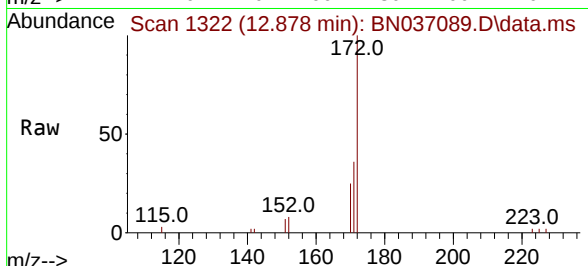




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

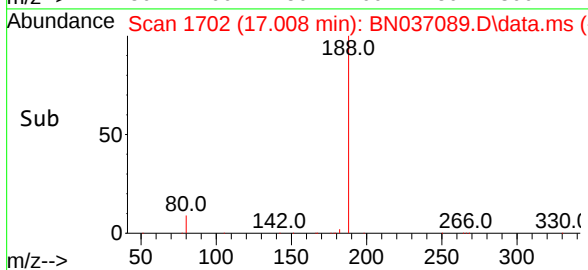
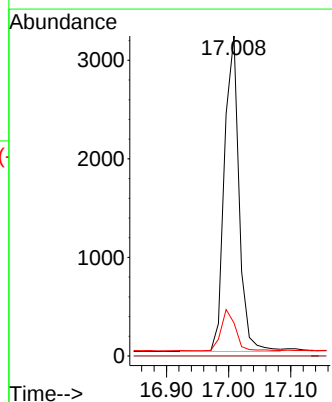
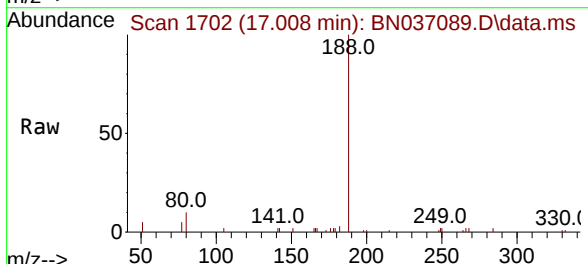
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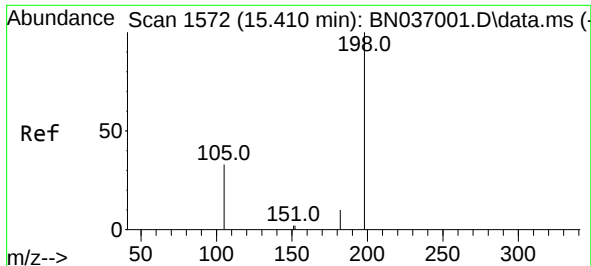
Tgt Ion:172	Resp:	4868
Ion	Ratio	Lower Upper
172	100	
171	35.9	29.2 43.8
170	25.0	20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.008 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:188	Resp:	5217
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	10.4	13.4 20.0

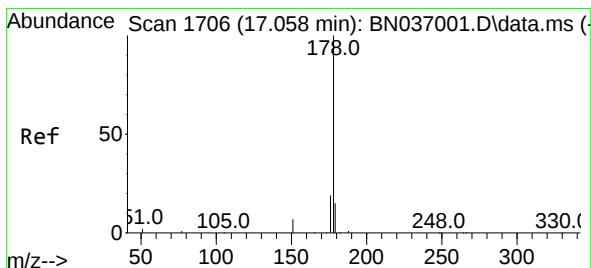
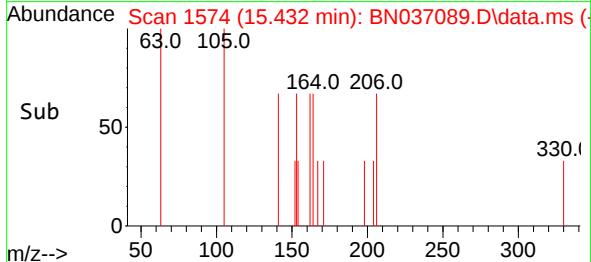
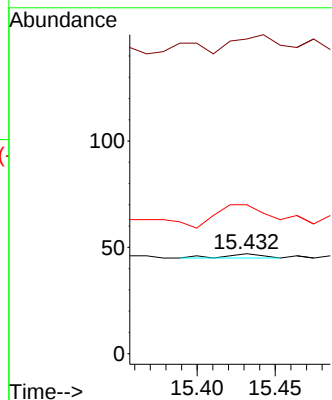
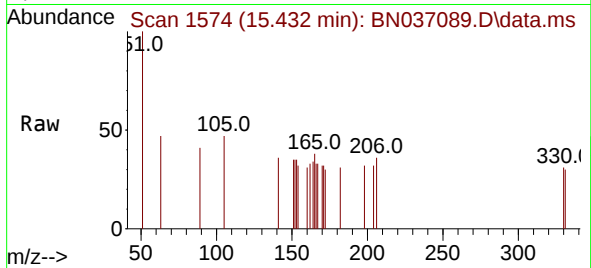




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.432 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

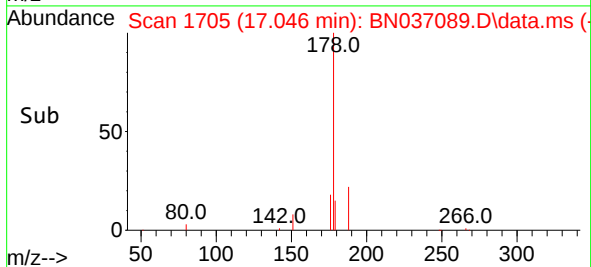
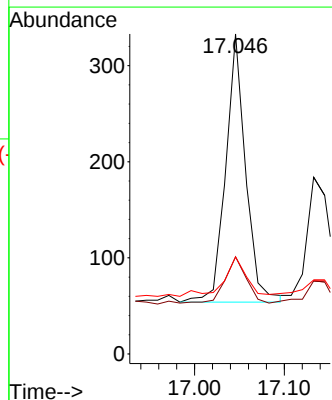
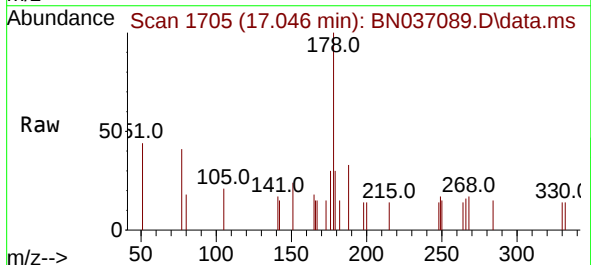
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

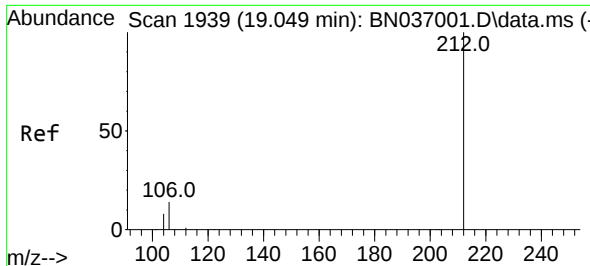
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 314.9 87.8 131.6#
105 148.9 44.2 66.4#



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:178 Resp: 431
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 16.9 12.2 18.2

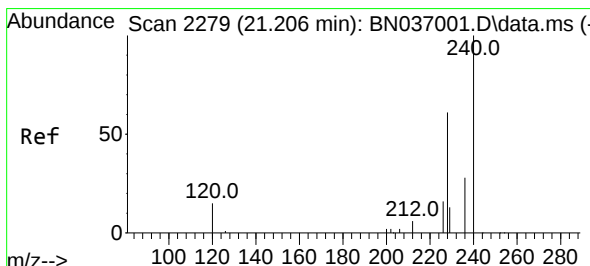
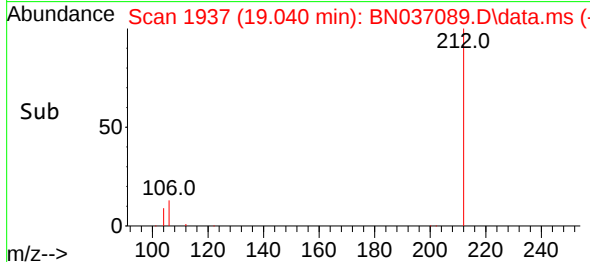
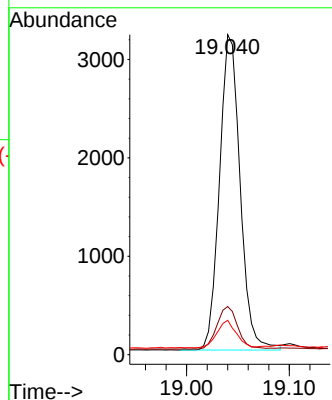
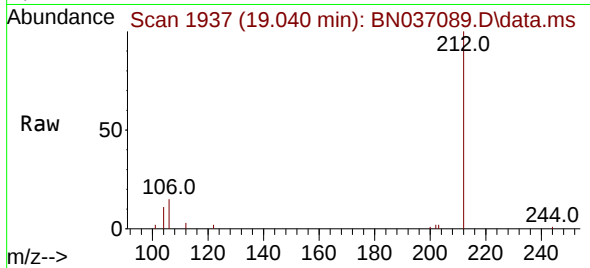




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

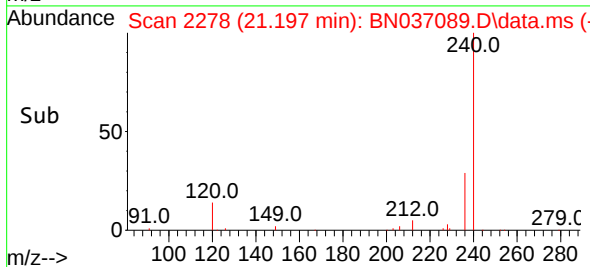
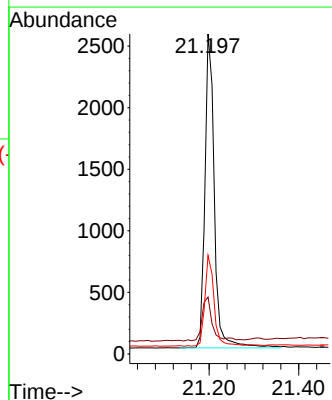
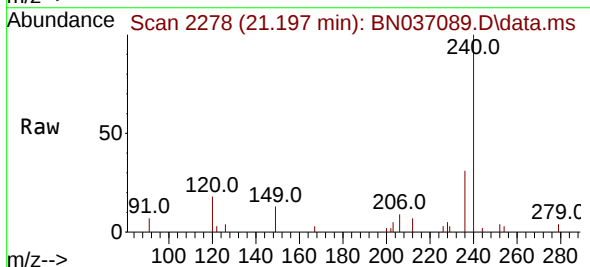
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

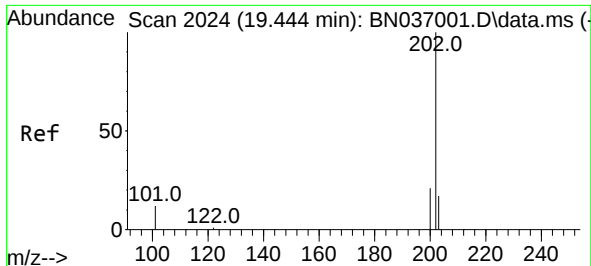
Tgt Ion:212 Resp: 4482
Ion Ratio Lower Upper
212 100
106 13.6 11.3 16.9
104 8.2 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:240 Resp: 3733
Ion Ratio Lower Upper
240 100
120 17.8 15.1 22.7
236 30.8 24.0 36.0

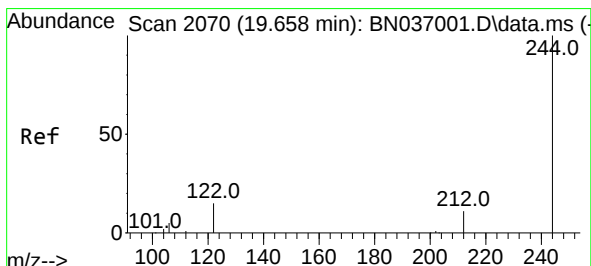
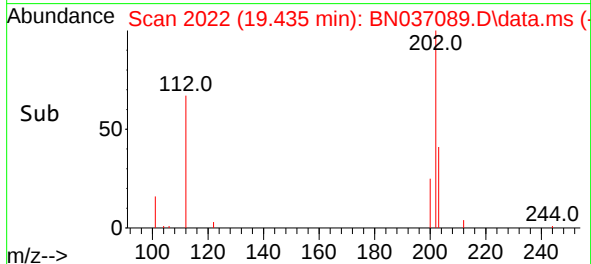
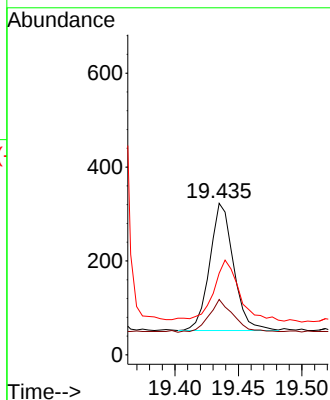
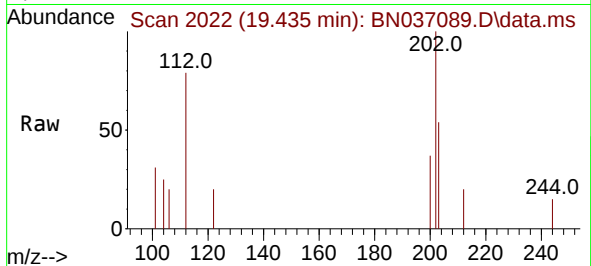




#30
 Pyrene
 Concen: 0.022 ng
 RT: 19.435 min Scan# 2068
 Delta R.T. -0.009 min
 Lab File: BN037089.D
 Acq: 27 May 2025 16:24

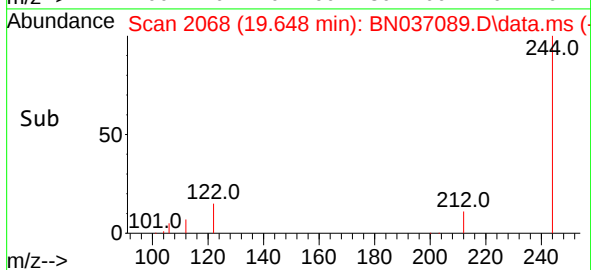
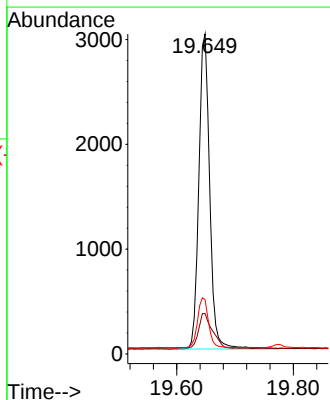
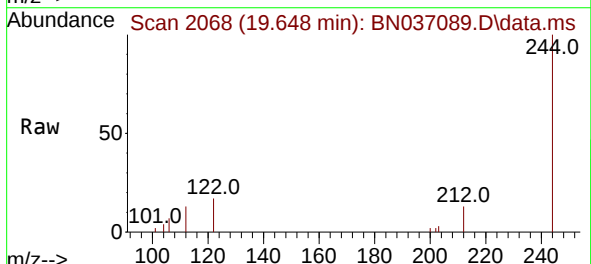
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

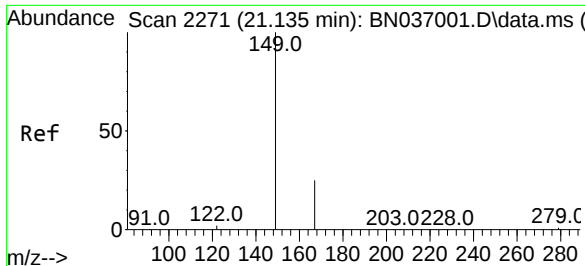
Tgt Ion:202 Resp: 353
 Ion Ratio Lower Upper
 202 100
 200 27.2 17.1 25.7#
 203 55.0 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.486 ng
 RT: 19.648 min Scan# 2068
 Delta R.T. -0.009 min
 Lab File: BN037089.D
 Acq: 27 May 2025 16:24

Tgt Ion:244 Resp: 3880
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.7 14.5
 122 17.0 13.4 20.0

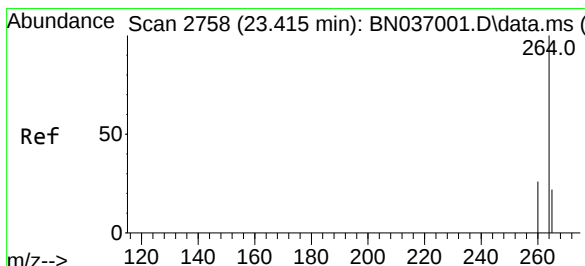
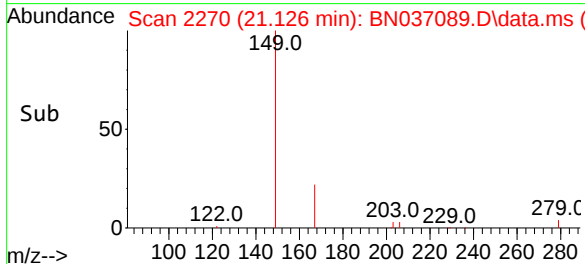
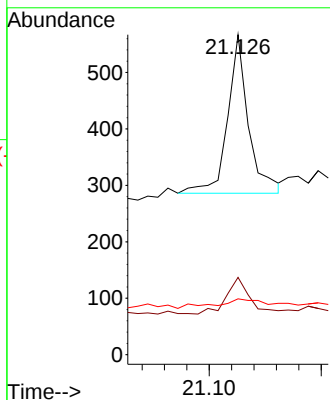
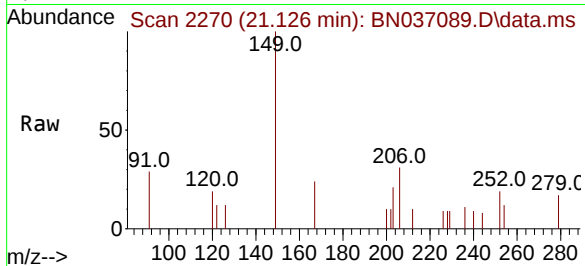




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.126 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

Tgt Ion:149 Resp: 365
Ion Ratio Lower Upper
149 100
167 25.8 20.6 30.8
279 16.2 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2752
Delta R.T. -0.018 min
Lab File: BN037089.D
Acq: 27 May 2025 16:24

Tgt Ion:264 Resp: 3583
Ion Ratio Lower Upper
264 100
260 27.5 21.9 32.9
265 69.2 51.6 77.4

