

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037117.D
 Acq On : 28 May 2025 20:11
 Operator : RC/JU
 Sample : Q2082-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-390-392

Quant Time: May 29 01:32:50 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)

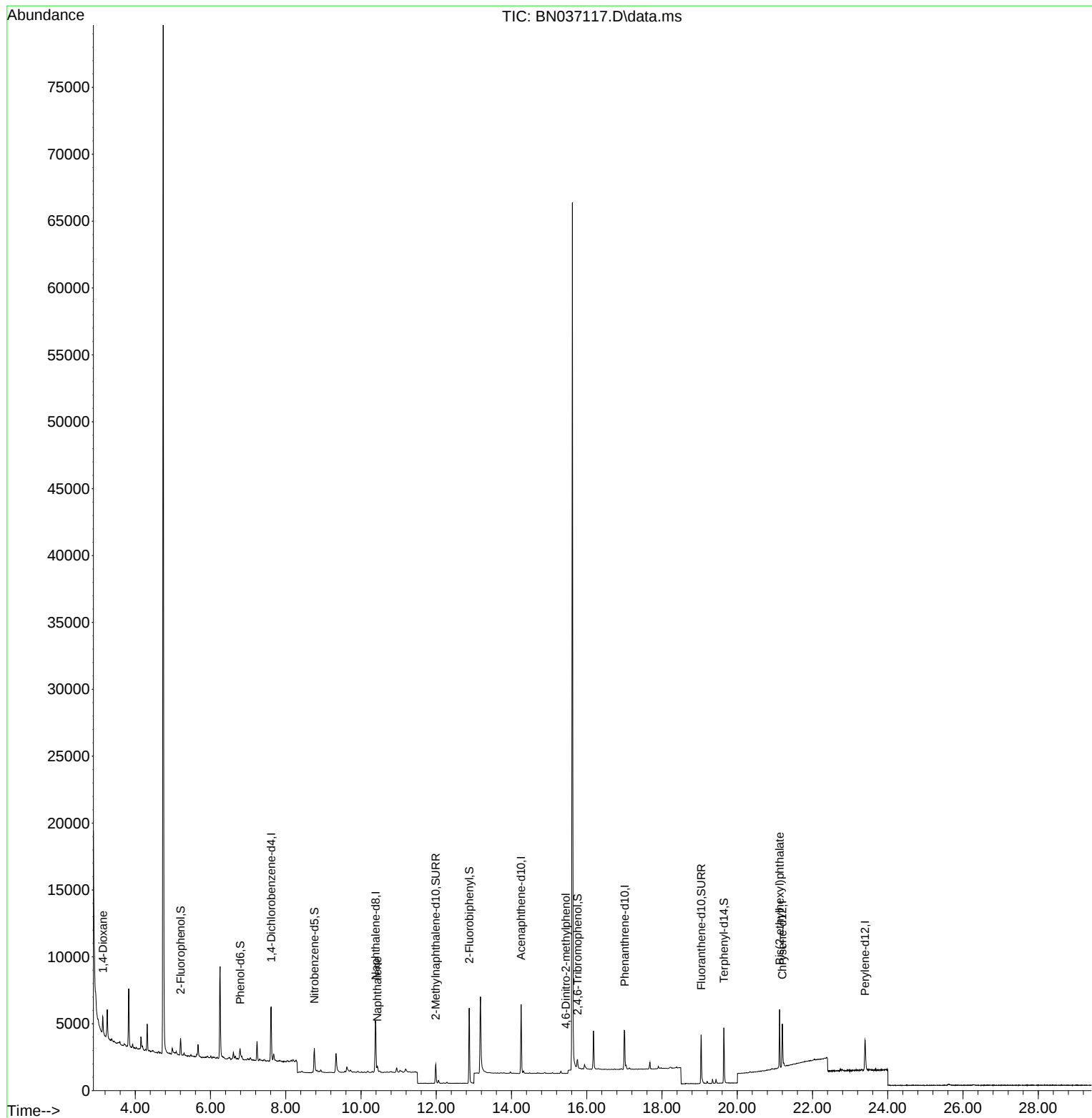
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1975	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5085	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2709	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4782	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	3144	0.400	ng	0.00
35) Perylene-d12	23.398	264	3044	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	807	0.156	ng	0.00
5) Phenol-d6	6.788	99	625	0.097	ng	0.00
8) Nitrobenzene-d5	8.760	82	1632	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2016	0.282	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	386	0.324	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5060	0.408	ng	-0.01
27) Fluoranthene-d10	19.040	212	4135	0.315	ng	0.00
31) Terphenyl-d14	19.644	244	3950	0.587	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	653	0.269	ng	# 43
9) Naphthalene	10.436	128	536	0.036	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.442	198	4	0.028	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	3653	0.501	ng	97

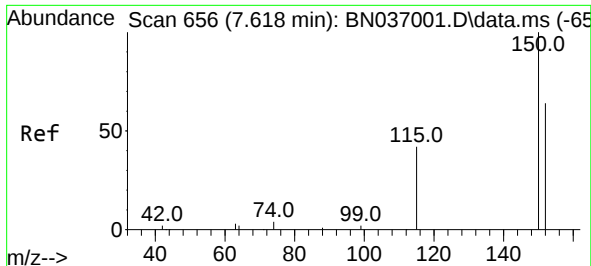
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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BP-VPB-182-GW-390-392

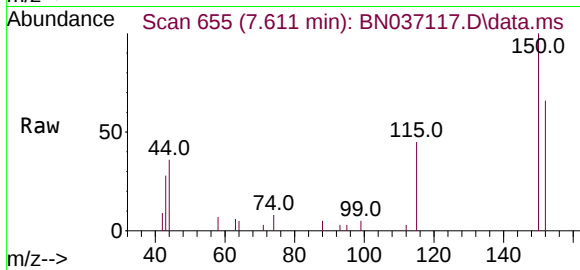
Quant Time: May 29 01:32:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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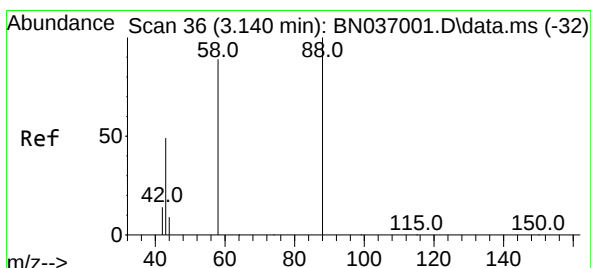
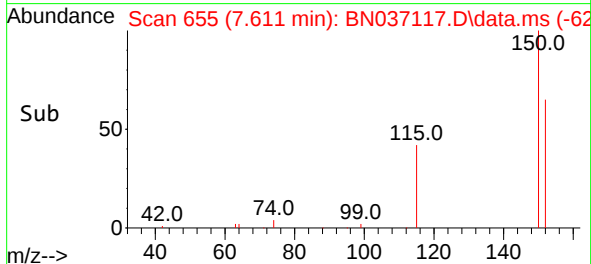
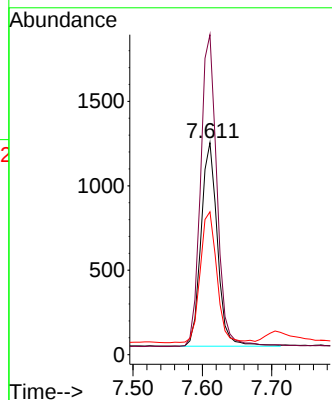
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037117.D
 Acq: 28 May 2025 20:11

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-390-392



Tgt Ion:152 Resp: 1975

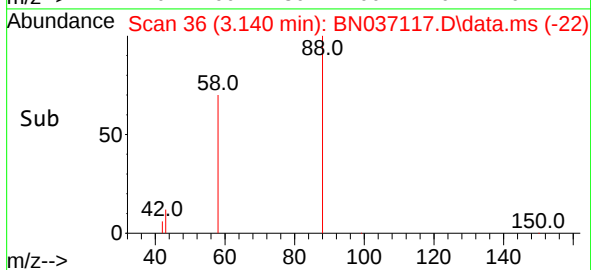
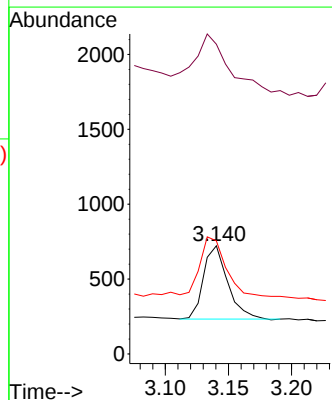
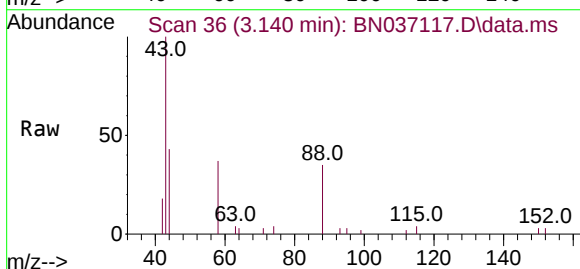
Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.9	185.9
115	67.4	55.8	83.8

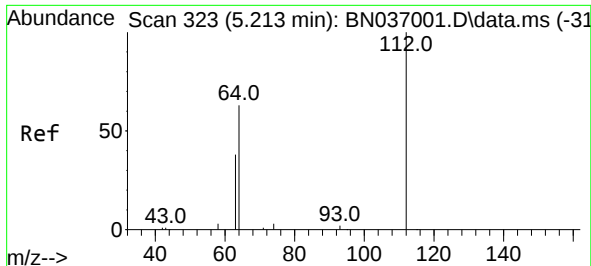


#2
 1,4-Dioxane
 Concen: 0.269 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037117.D
 Acq: 28 May 2025 20:11

Tgt Ion: 88 Resp: 653

Ion	Ratio	Lower	Upper
88	100		
43	132.3	37.4	56.0#
58	102.8	68.8	103.2

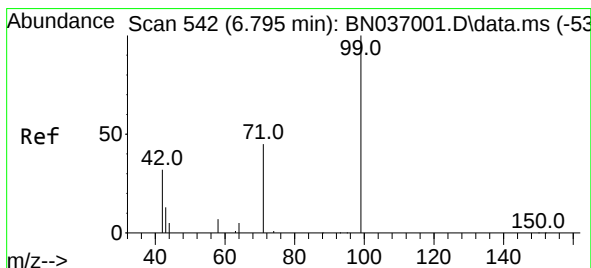
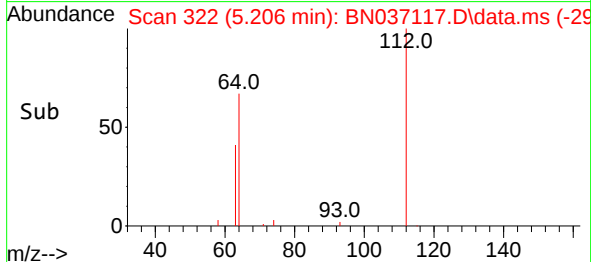
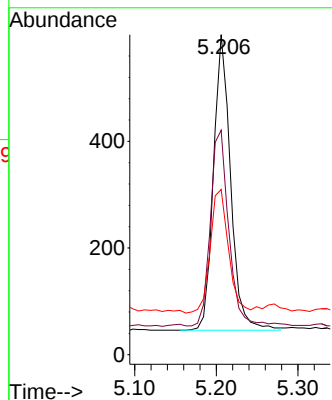
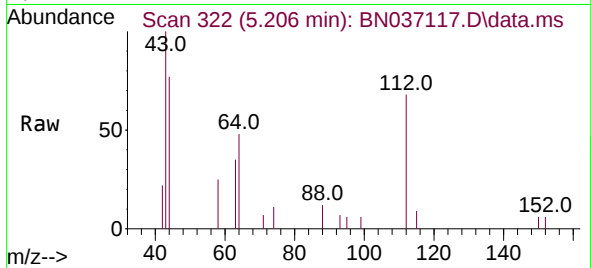




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

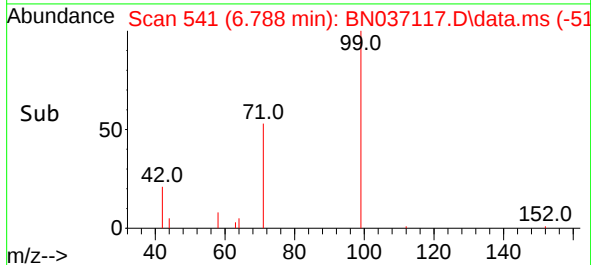
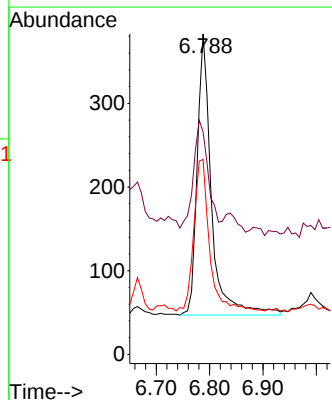
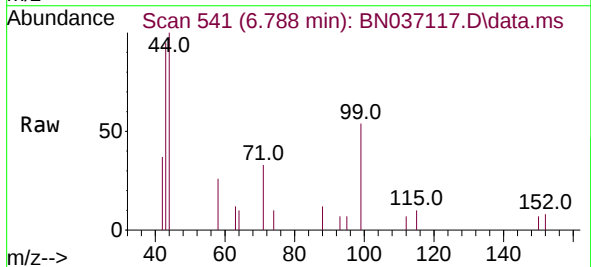
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

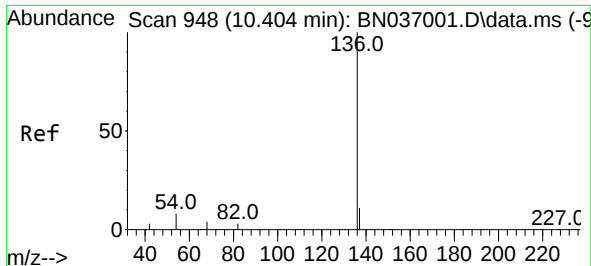
Tgt Ion:112 Resp: 807
Ion Ratio Lower Upper
112 100
64 71.3 55.7 83.5
63 45.0 34.6 51.8



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion: 99 Resp: 625
Ion Ratio Lower Upper
99 100
42 39.8 29.3 43.9
71 58.7 35.7 53.5#

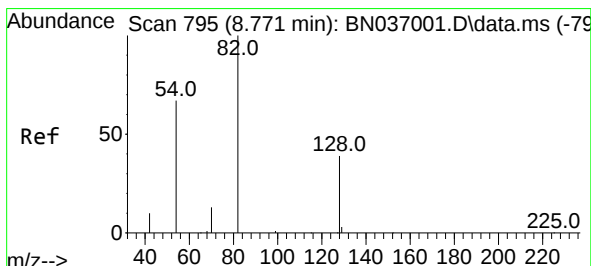
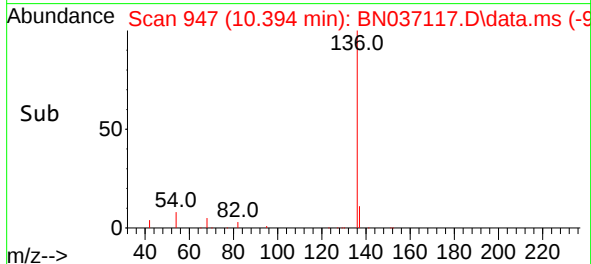
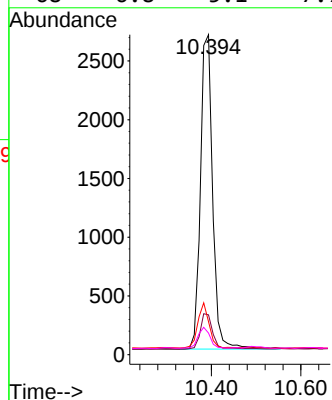
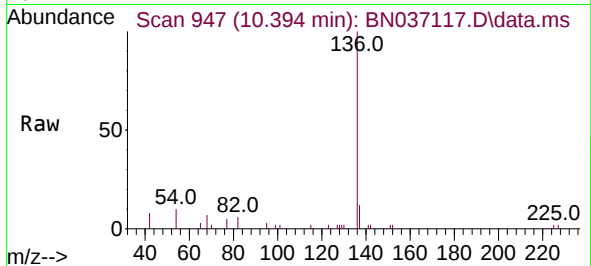




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

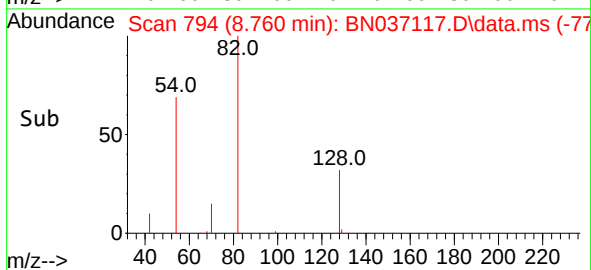
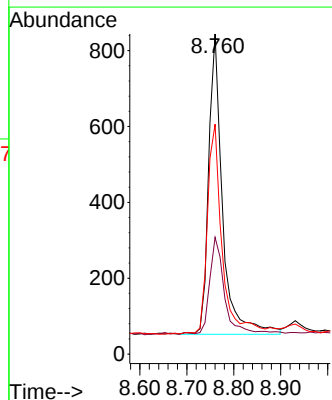
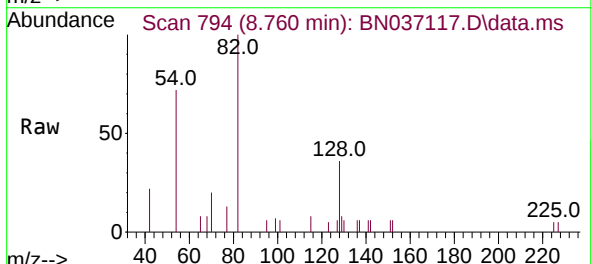
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

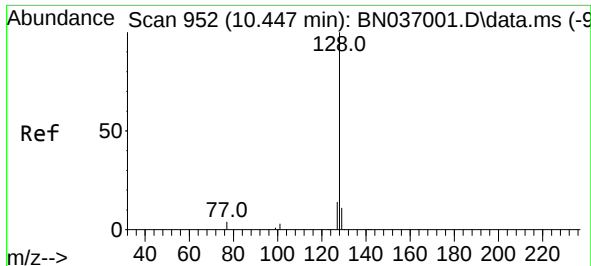
Tgt Ion:	136	Resp:	5085
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	10.3	8.5	12.7
68	6.8	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:	82	Resp:	1632
Ion	Ratio	Lower	Upper
82	100		
128	36.5	34.0	51.0
54	71.8	55.0	82.4

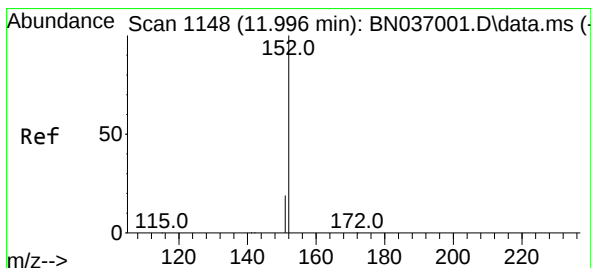
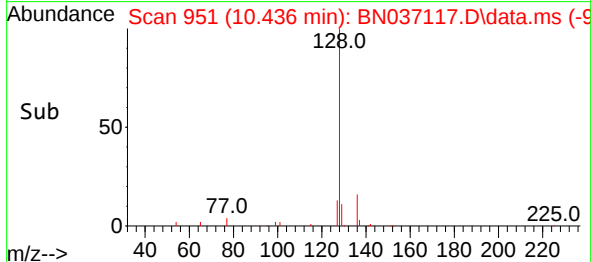
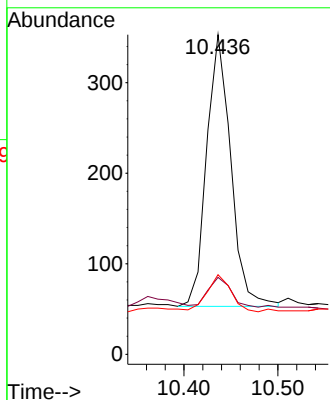
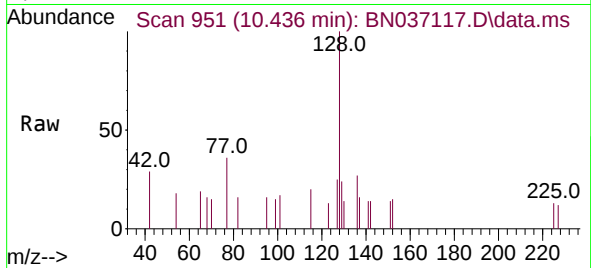




#9
Naphthalene
Concen: 0.036 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

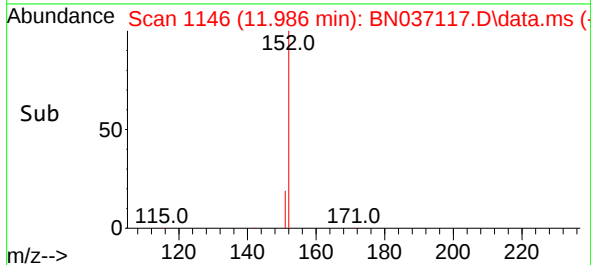
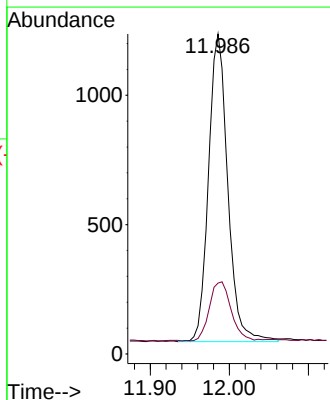
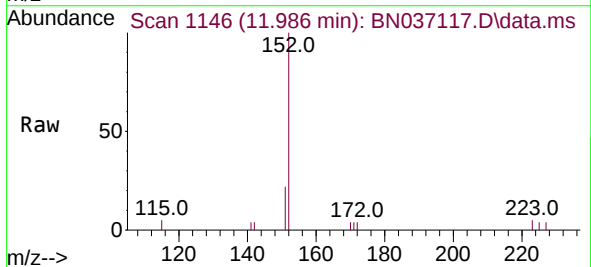
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

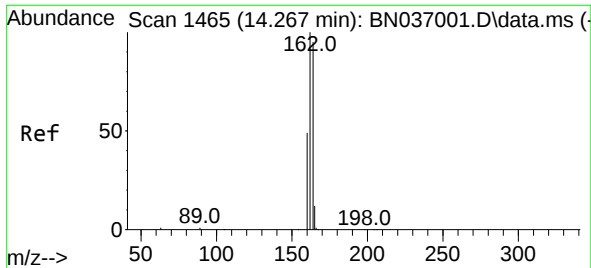
Tgt Ion:128 Resp: 536
Ion Ratio Lower Upper
128 100
129 24.1 9.7 14.5#
127 24.9 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
151 21.6 17.5 26.3

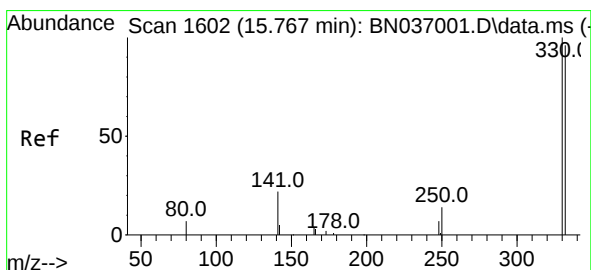
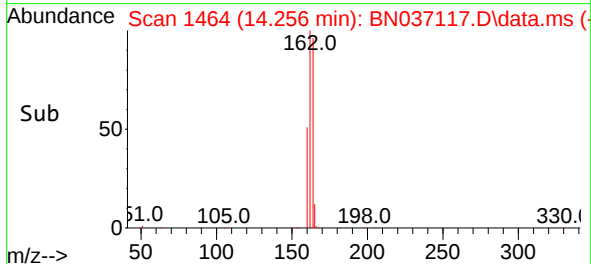
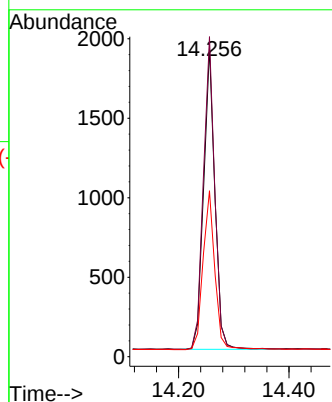
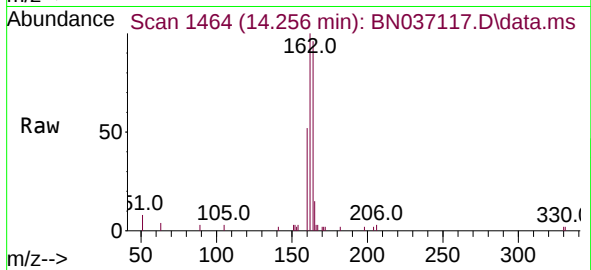




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

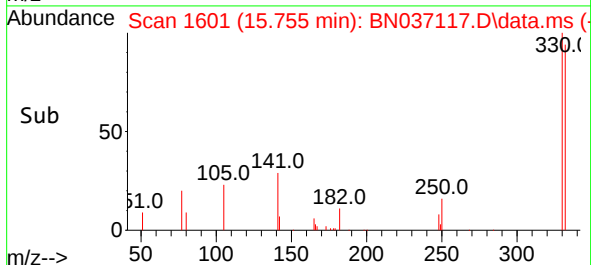
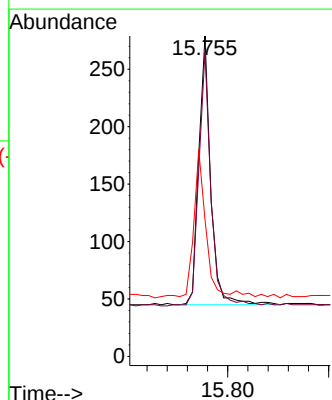
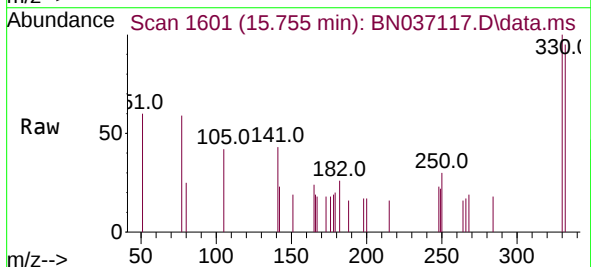
Instrument :
BNA_N
ClientSampleId :
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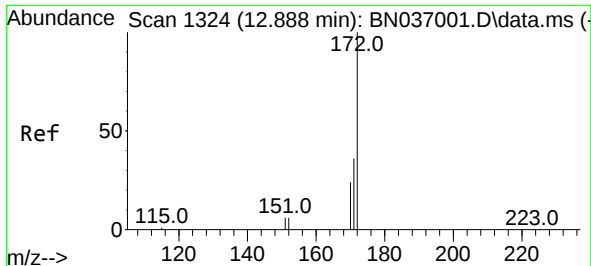
Tgt Ion:164 Resp: 2709
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.4
160 53.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:330 Resp: 386
Ion Ratio Lower Upper
330 100
332 95.9 73.8 110.8
141 55.2 43.9 65.9

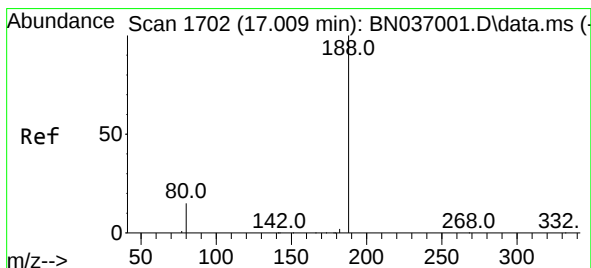
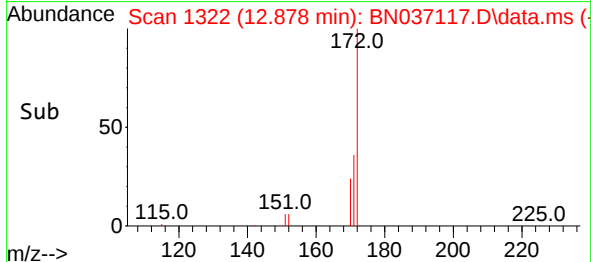
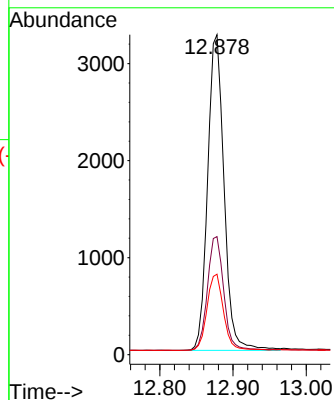
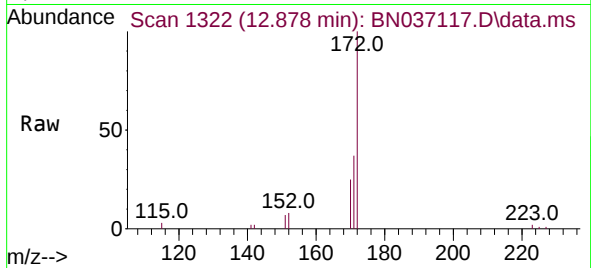




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

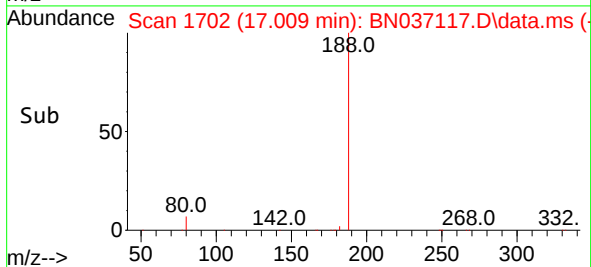
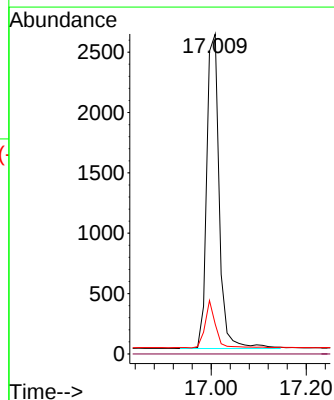
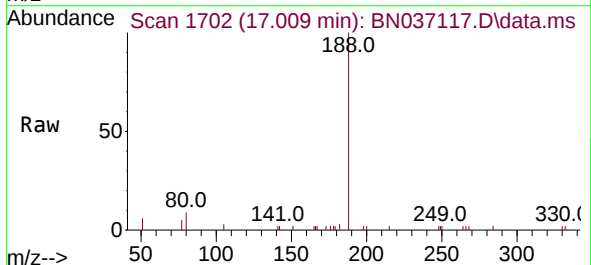
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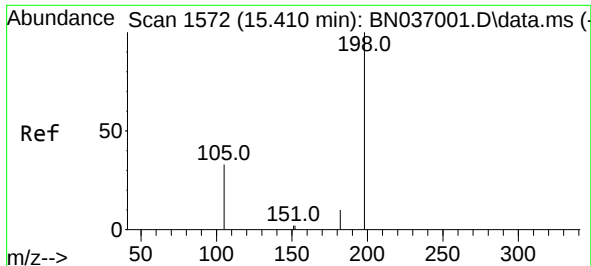
Tgt Ion:172 Resp: 5060
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 25.2 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:188 Resp: 4782
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 13.4 20.0#

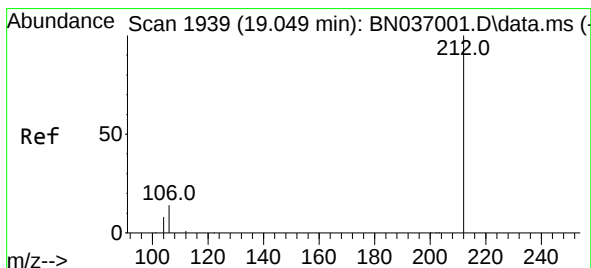
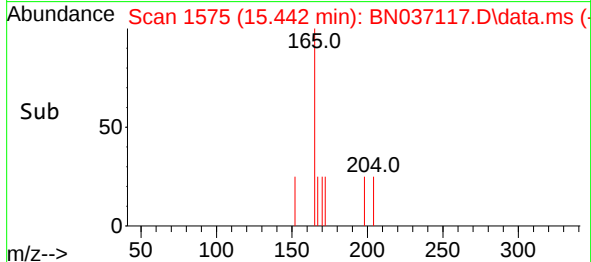
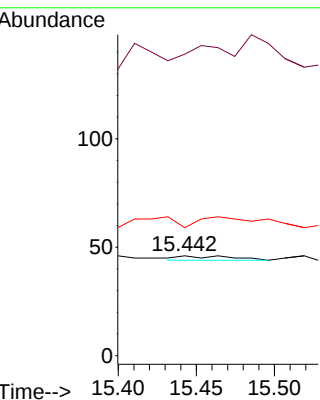
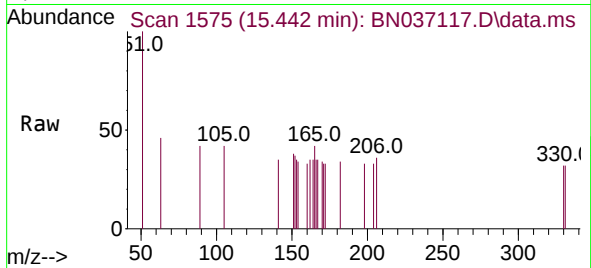




#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.442 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

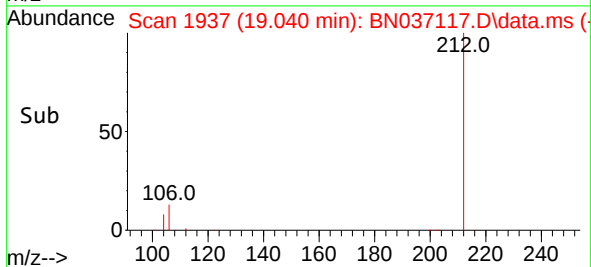
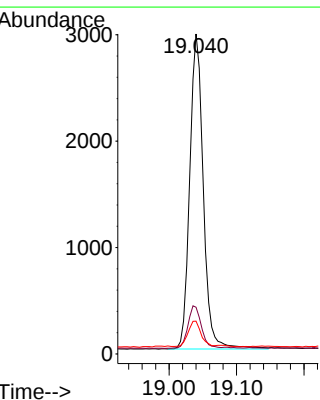
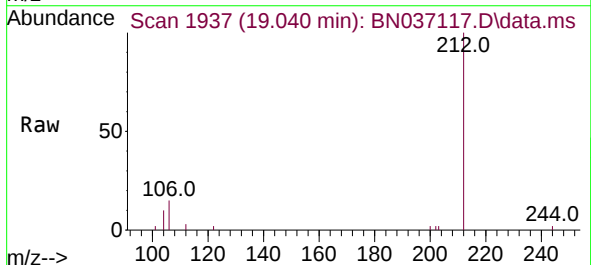
Instrument :
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BP-VPB-182-GW-390-392

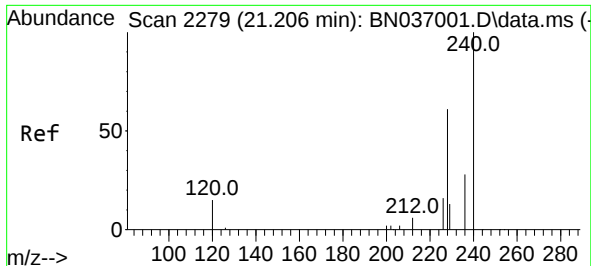
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 302.2 87.8 131.6#
105 128.3 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:212 Resp: 4135
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 7.9 6.7 10.1

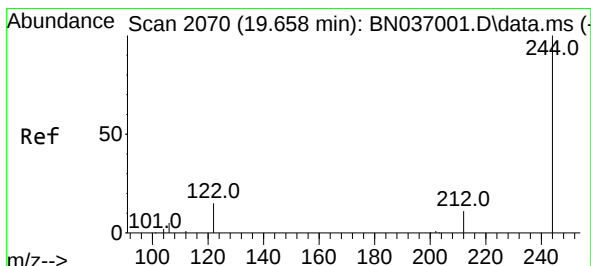
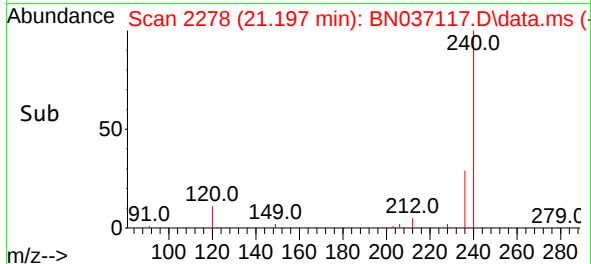
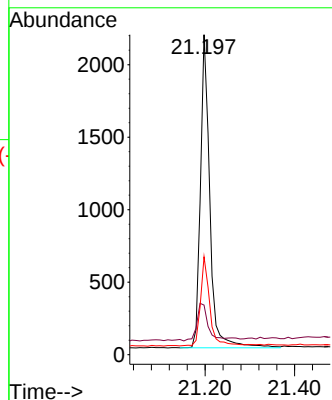
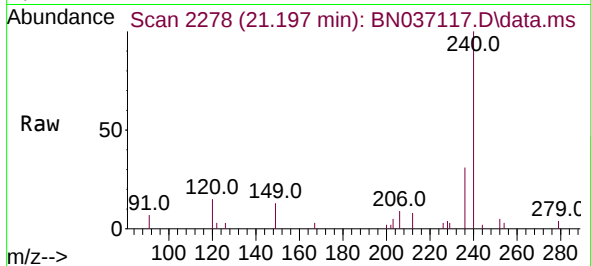




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

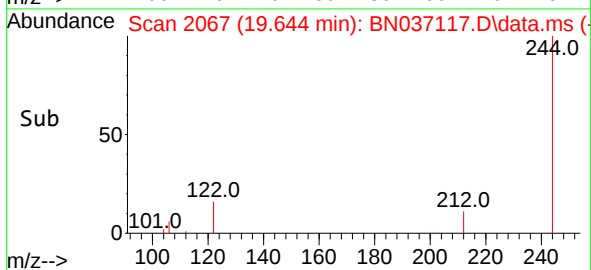
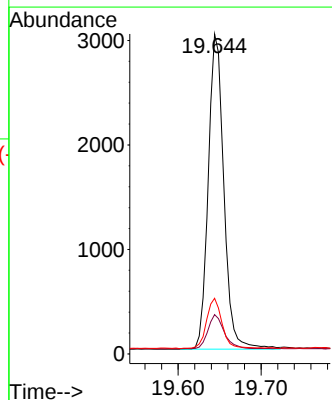
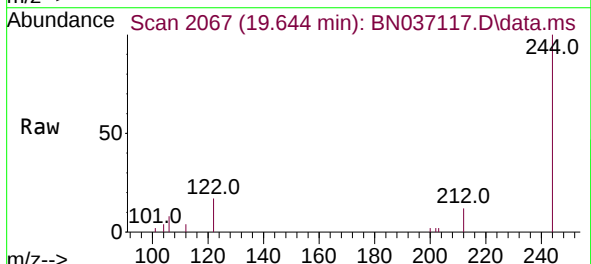
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

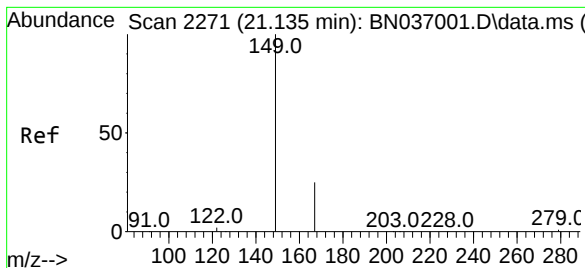
Tgt Ion:240 Resp: 3144
Ion Ratio Lower Upper
240 100
120 15.5 15.1 22.7
236 30.6 24.0 36.0



#31
Terphenyl-d14
Concen: 0.587 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037117.D
Acq: 28 May 2025 20:11

Tgt Ion:244 Resp: 3950
Ion Ratio Lower Upper
244 100
212 12.3 9.7 14.5
122 17.4 13.4 20.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.501 ng

RT: 21.126 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037117.D

Acq: 28 May 2025 20:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-390-392

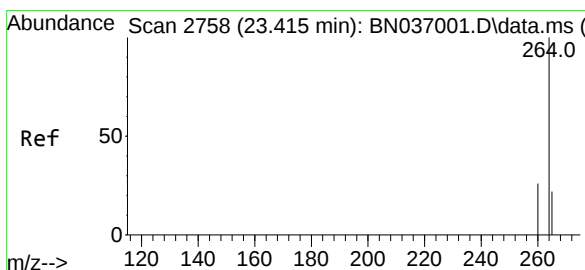
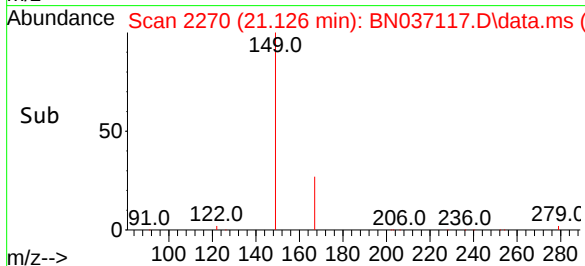
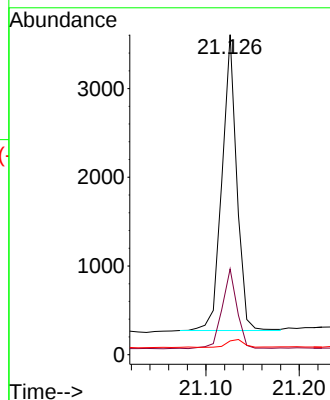
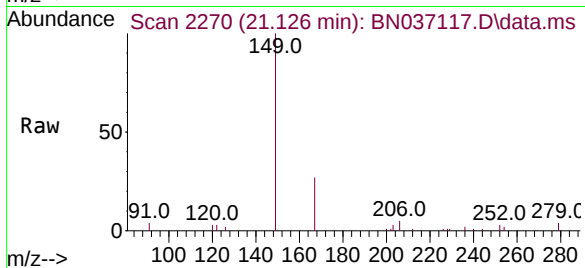
Tgt Ion:149 Resp: 3653

Ion Ratio Lower Upper

149 100

167 27.1 20.6 30.8

279 2.9 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: BN037117.D

Acq: 28 May 2025 20:11

Tgt Ion:264 Resp: 3044

Ion Ratio Lower Upper

264 100

260 27.9 21.9 32.9

265 71.3 51.6 77.4

