

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037049.D
 Acq On : 19 May 2025 17:27
 Operator : RC/JU
 Sample : Q2050-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

Quant Time: May 19 23:45:27 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)

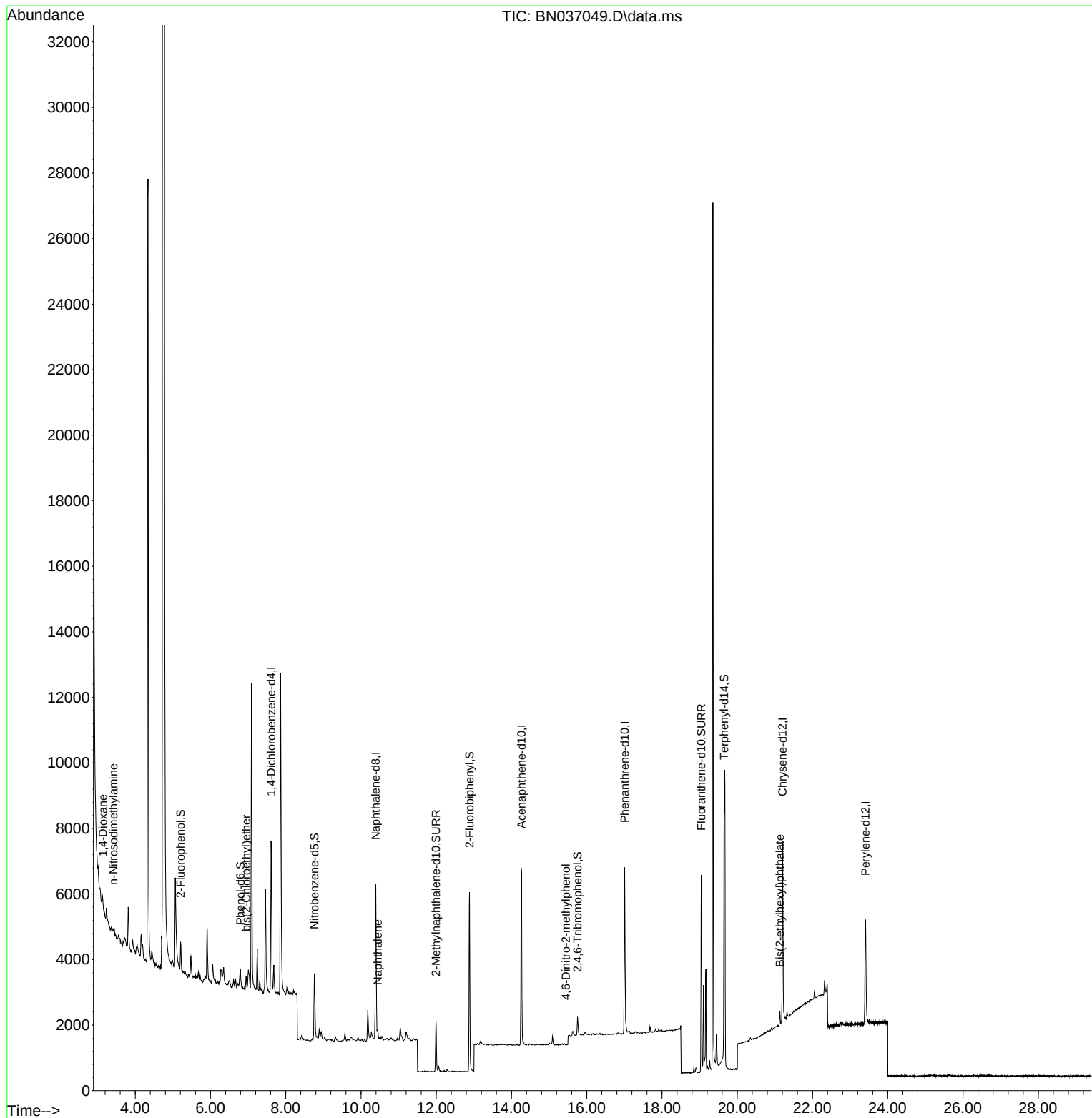
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2171	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5837	0.400	ng	-0.01
13) Acenaphthene-d10	14.267	164	3378	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6626	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5279	0.400	ng	# 0.00
35) Perylene-d12	23.407	264	4526	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	568	0.100	ng	0.00
5) Phenol-d6	6.795	99	477	0.067	ng	0.00
8) Nitrobenzene-d5	8.760	82	1801	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2263	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	306	0.206	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5105	0.330	ng	0.00
27) Fluoranthene-d10	19.045	212	6717	0.370	ng	0.00
31) Terphenyl-d14	19.653	244	6559	0.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.141	88	161	0.060	ng	# 1
3) n-Nitrosodimethylamine	3.422	42	215	0.038	ng	# 28
6) bis(2-Chloroethyl)ether	6.947	93	599	0.091	ng	# 22
9) Naphthalene	10.447	128	382	0.022	ng	# 65
20) 4,6-Dinitro-2-methylph...	15.443	198	2	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	439	0.036	ng	# 97

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

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BP-VPB-182-GW-150-152

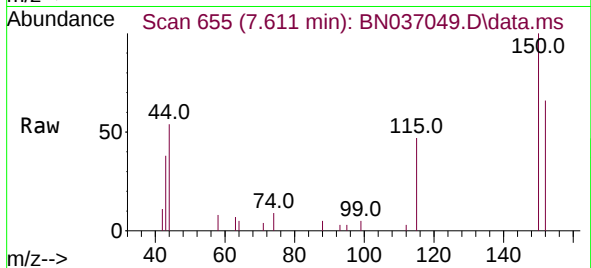
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



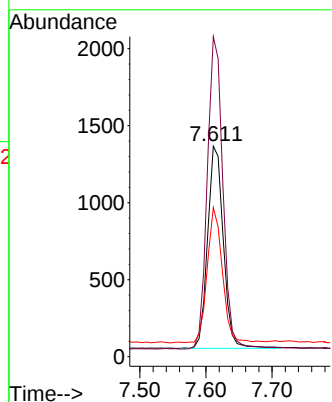
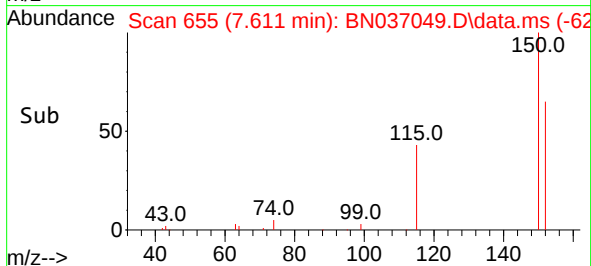


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

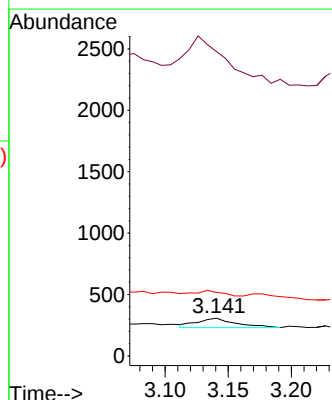
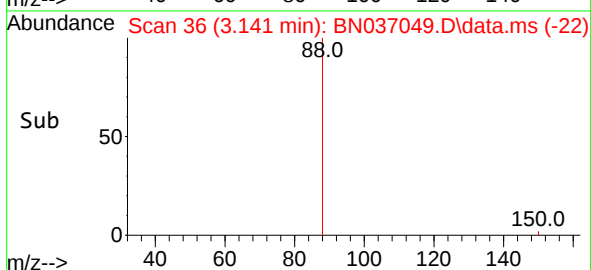
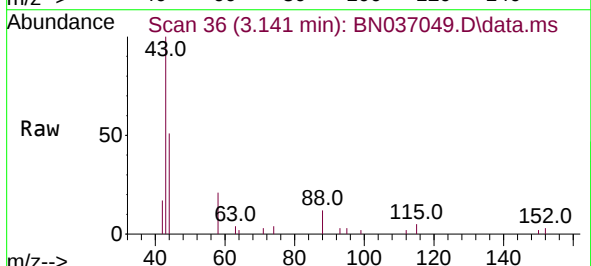


Tgt Ion:152 Resp: 2171
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.9 185.9
 115 70.9 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.060 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Tgt Ion: 88 Resp: 161
 Ion Ratio Lower Upper
 88 100
 43 631.7 37.4 56.0#
 58 26.1 68.8 103.2#

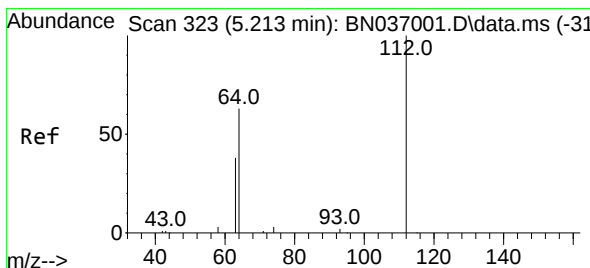
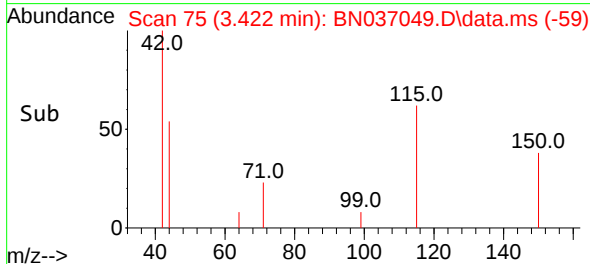
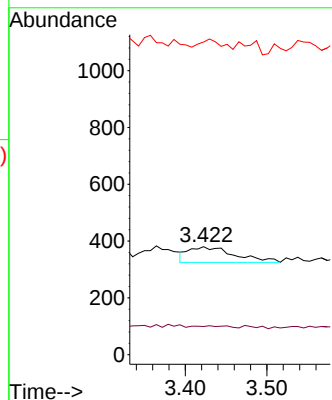
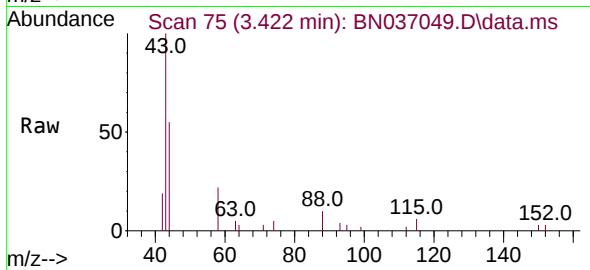




#3
 n-Nitrosodimethylamine
 Concen: 0.038 ng
 RT: 3.422 min Scan# 71
 Delta R.T. -0.036 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

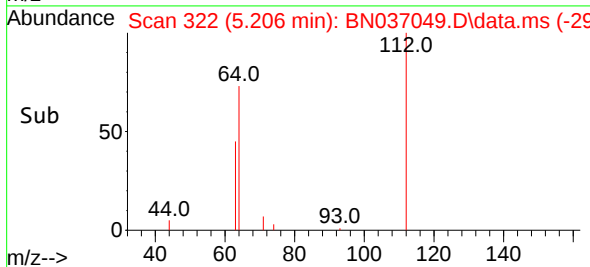
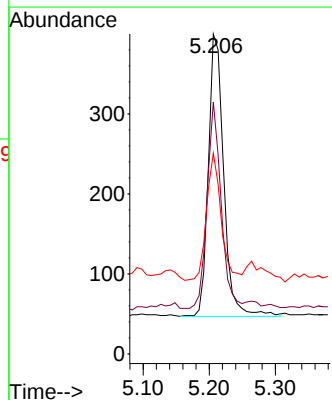
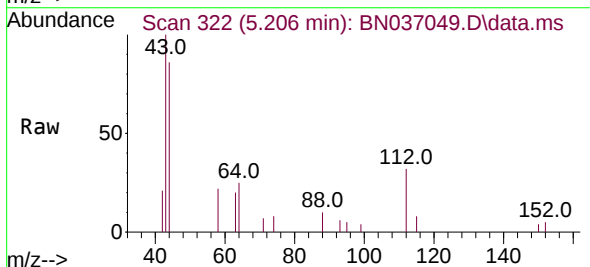
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

Tgt Ion: 42 Resp: 215
 Ion Ratio Lower Upper
 42 100
 74 6.5 59.8 89.6#
 44 27.9 11.9 17.9#



#4
 2-Fluorophenol
 Concen: 0.100 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Tgt Ion: 112 Resp: 568
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.7 83.5
 63 42.4 34.6 51.8

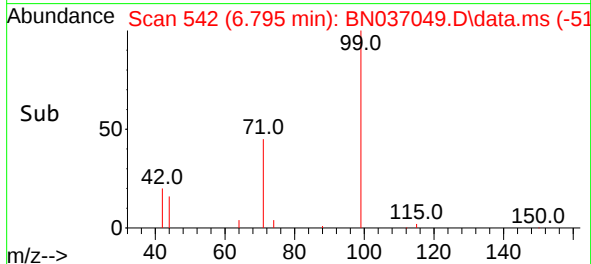
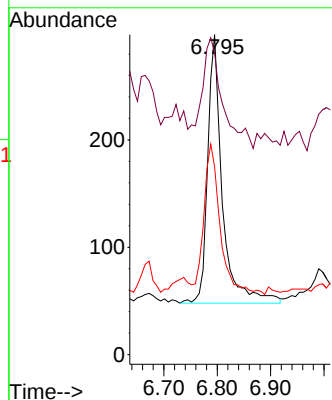
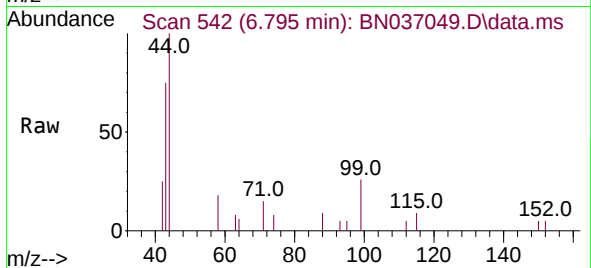




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.795 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

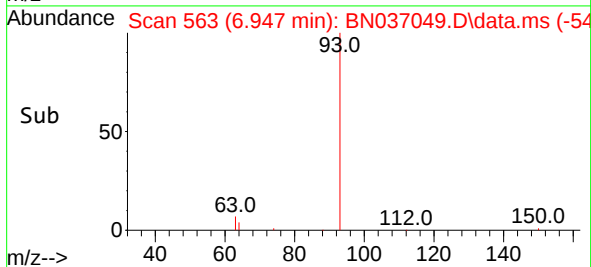
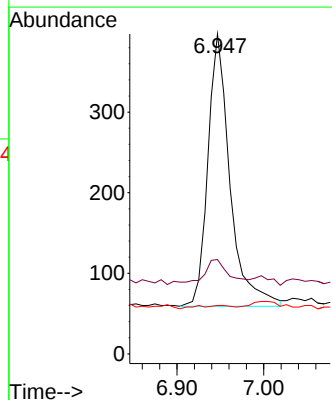
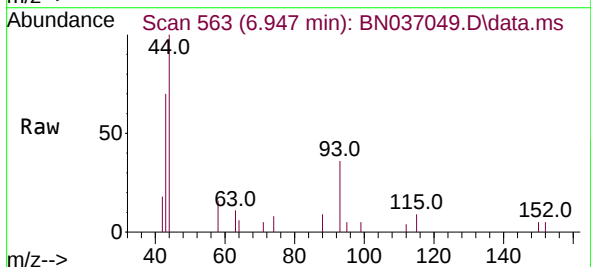
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

Tgt Ion: 99 Resp: 477
Ion Ratio Lower Upper
99 100
42 55.3 29.3 43.9#
71 62.5 35.7 53.5#



#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 6.947 min Scan# 563
Delta R.T. -0.101 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion: 93 Resp: 599
Ion Ratio Lower Upper
93 100
63 8.0 70.1 105.1#
95 0.8 26.2 39.2#

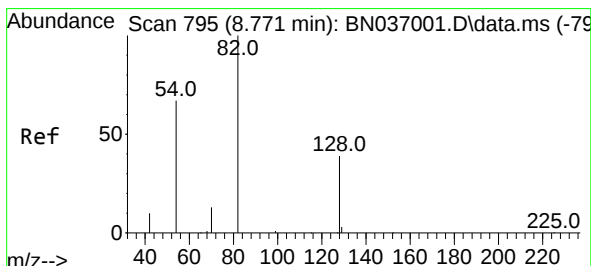
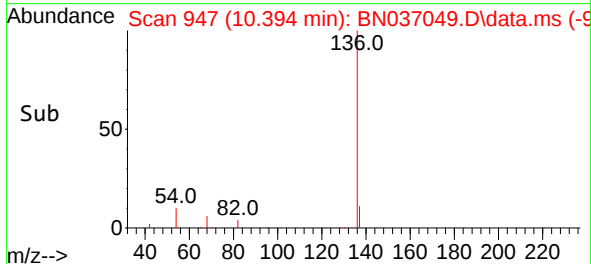
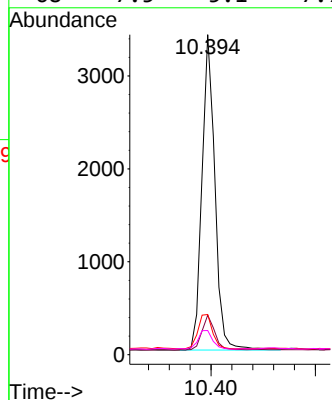
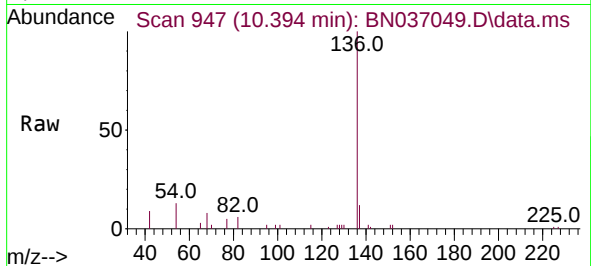




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

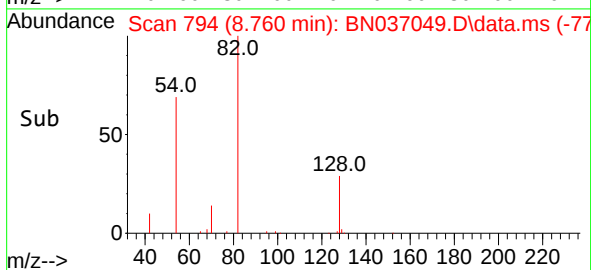
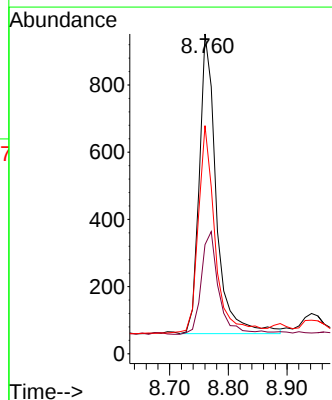
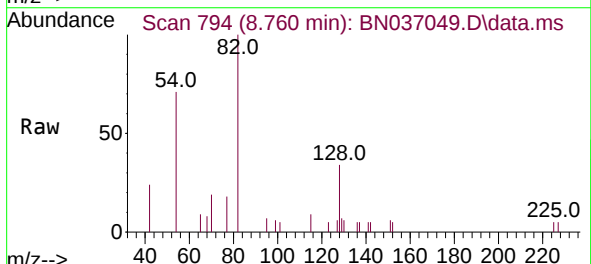
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

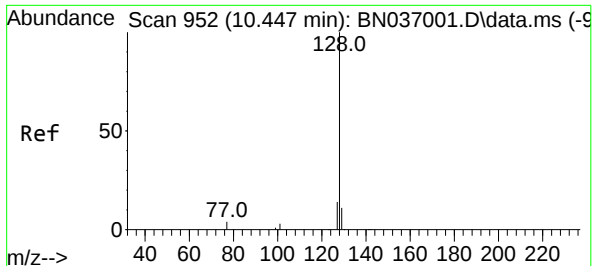
Tgt Ion:	136	Resp:	5837
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	12.6	8.5	12.7
68	7.5	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:	82	Resp:	1801
Ion	Ratio	Lower	Upper
82	100		
128	34.1	34.0	51.0
54	71.3	55.0	82.4

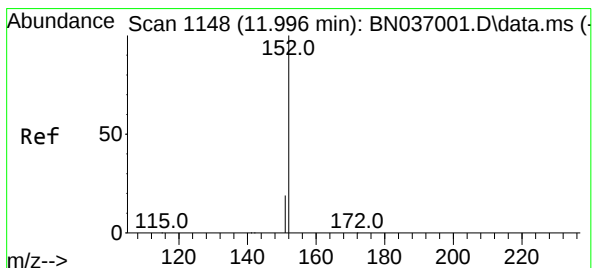
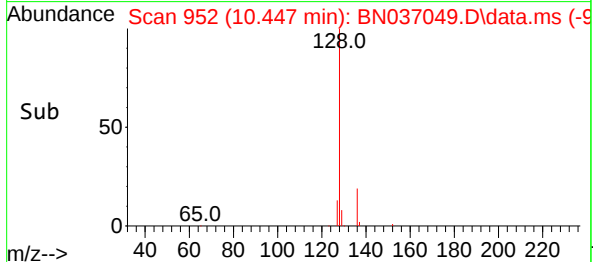
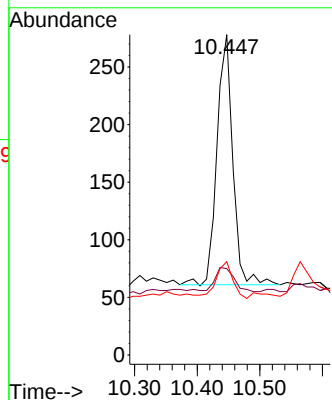
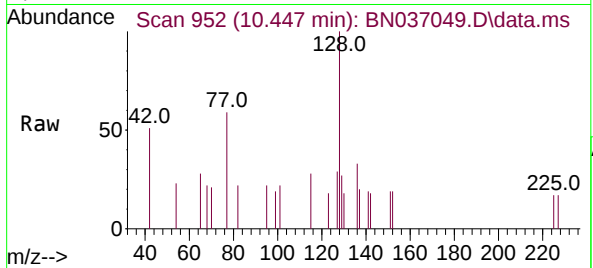




#9
Naphthalene
Concen: 0.022 ng
RT: 10.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

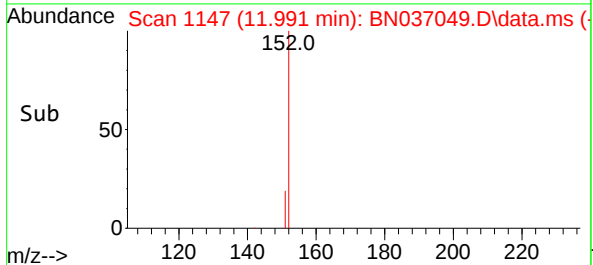
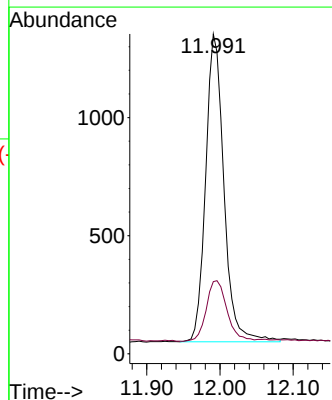
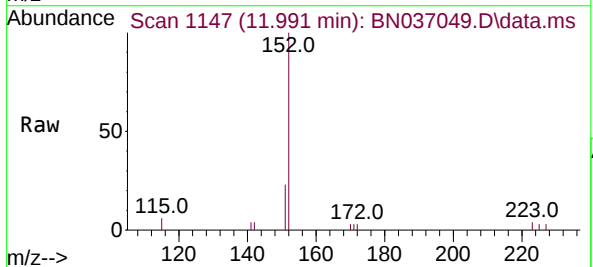
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

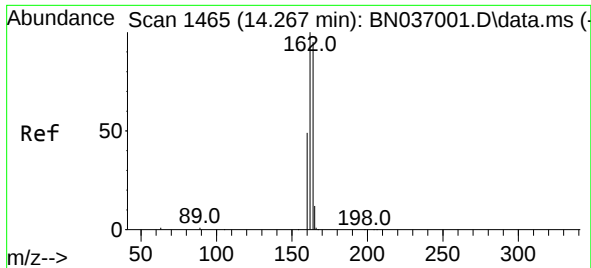
Tgt Ion:128 Resp: 382
Ion Ratio Lower Upper
128 100
129 27.0 9.7 14.5#
127 29.1 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:152 Resp: 2263
Ion Ratio Lower Upper
152 100
151 22.4 17.5 26.3

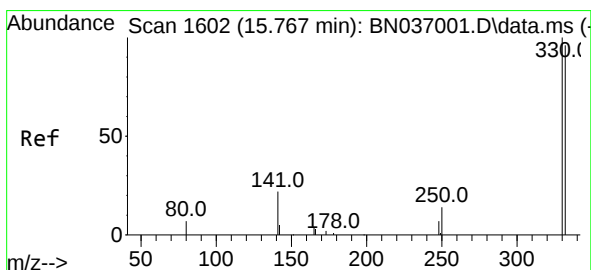
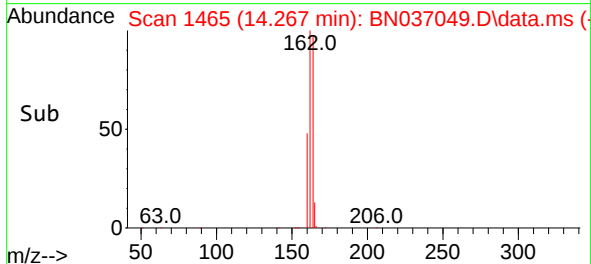
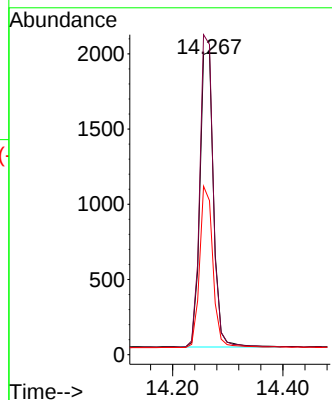
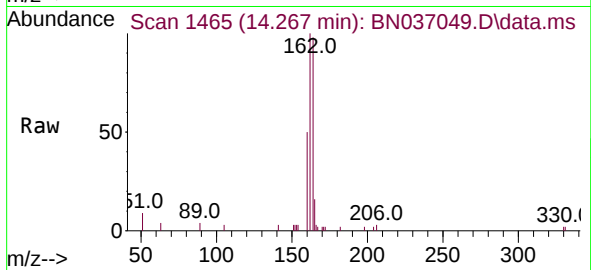




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

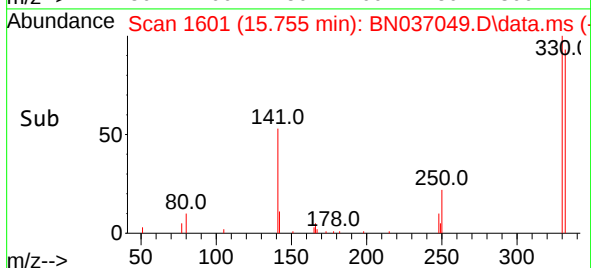
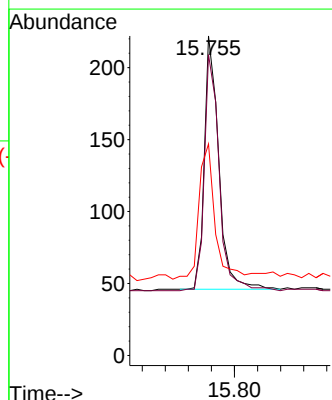
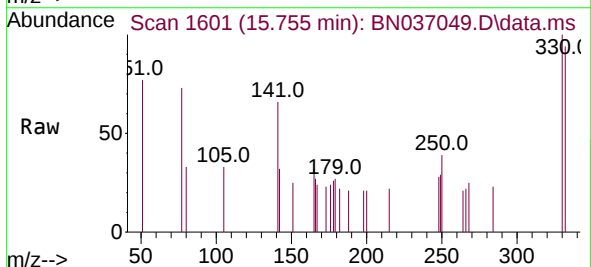
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BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

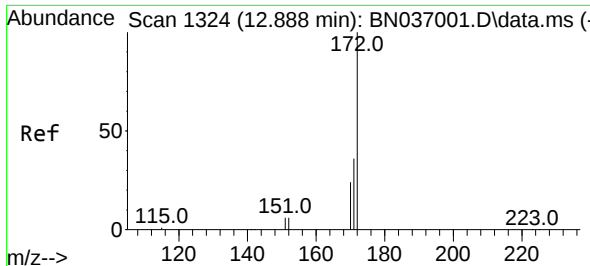
Tgt Ion:164 Resp: 3378
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.4
160 50.9 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:330 Resp: 306
Ion Ratio Lower Upper
330 100
332 96.1 73.8 110.8
141 59.5 43.9 65.9

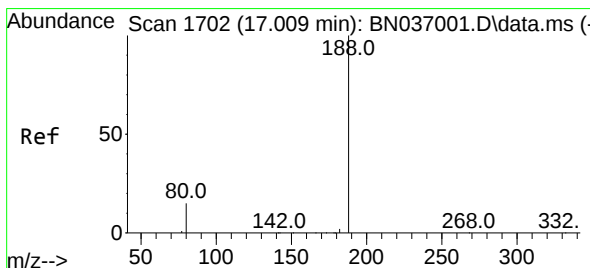
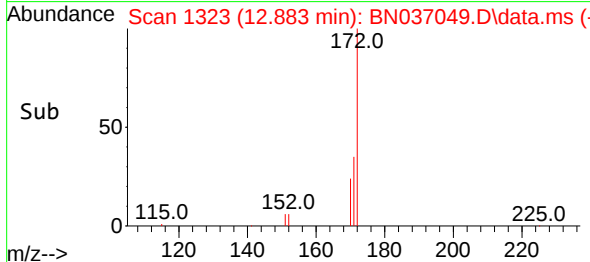
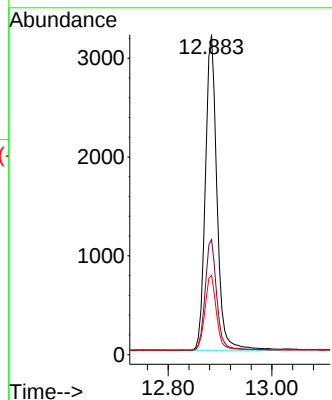
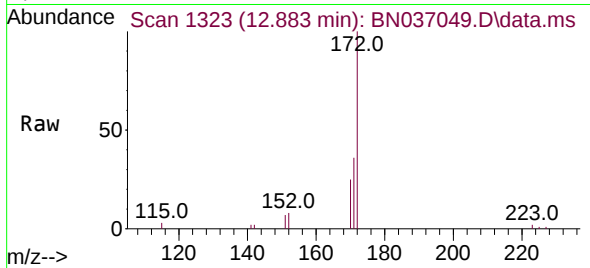




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

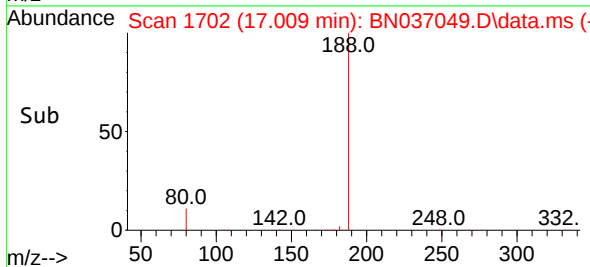
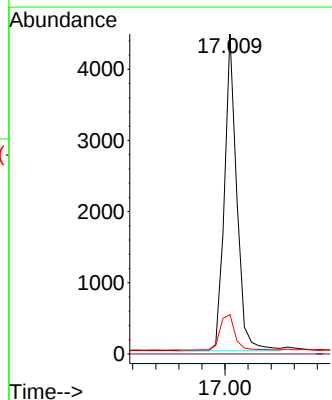
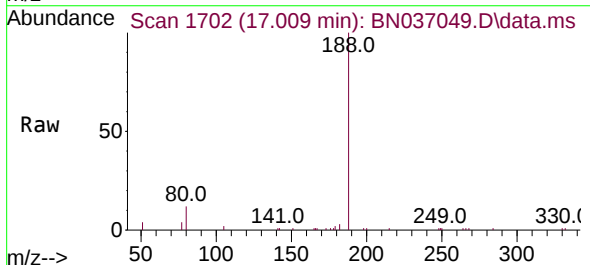
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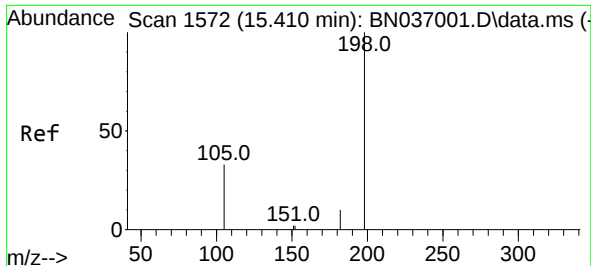
Tgt Ion:172 Resp: 5105
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.8 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:188 Resp: 6626
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 13.4 20.0#

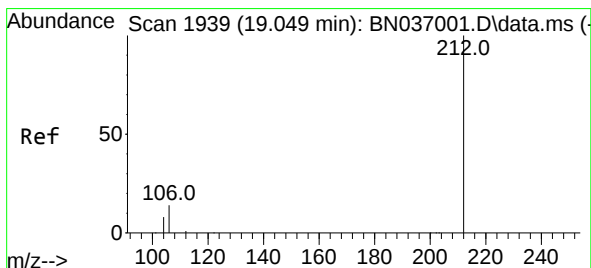
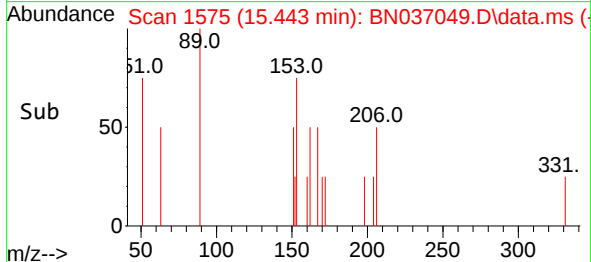
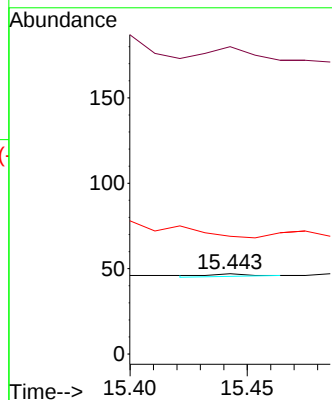
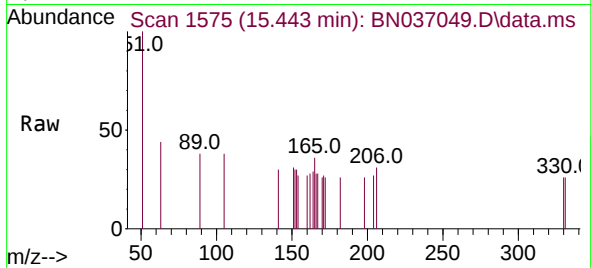




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.443 min Scan# 1575
Delta R.T. 0.033 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

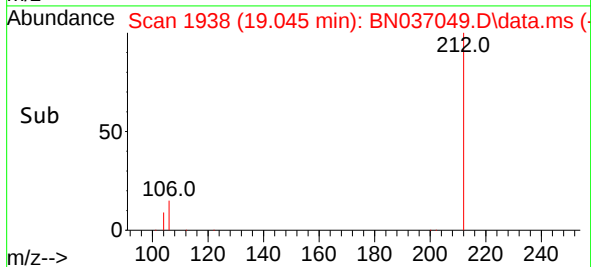
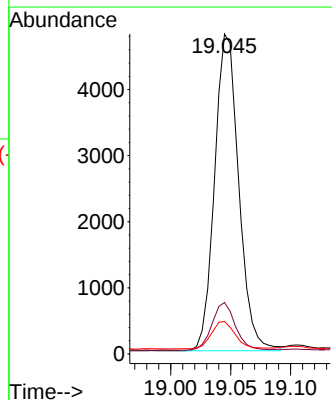
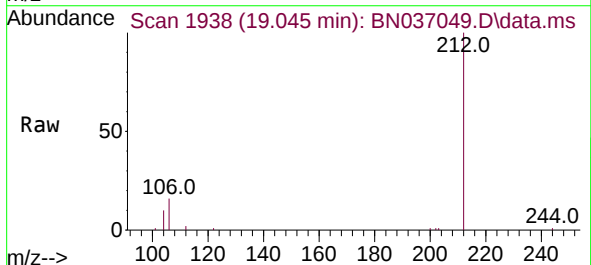
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

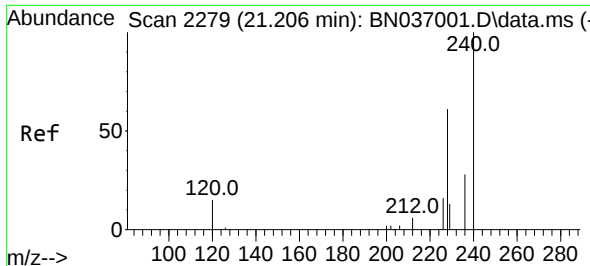
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 383.0 87.8 131.6#
105 146.8 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:212 Resp: 6717
Ion Ratio Lower Upper
212 100
106 14.5 11.3 16.9
104 8.6 6.7 10.1

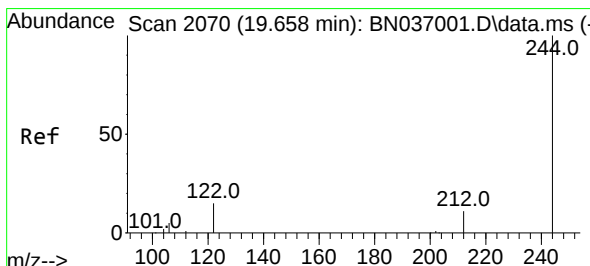
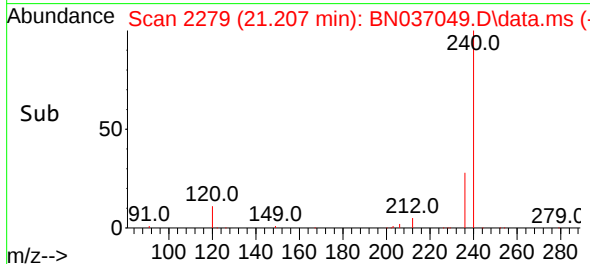
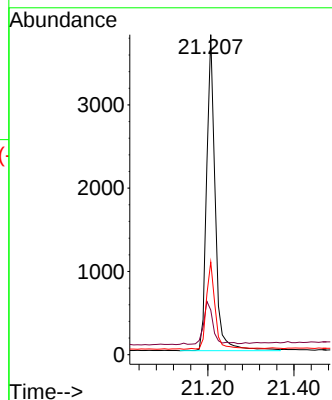
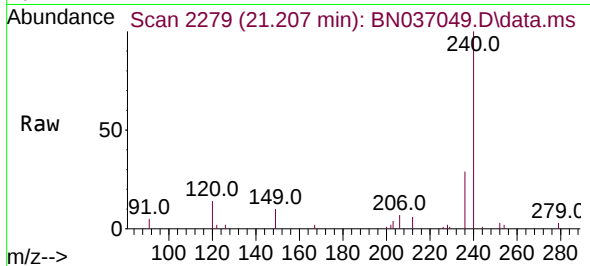




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

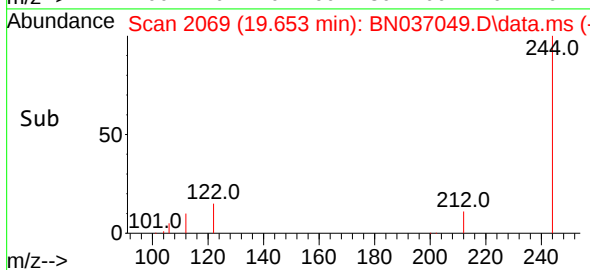
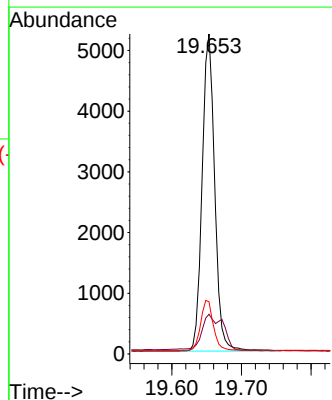
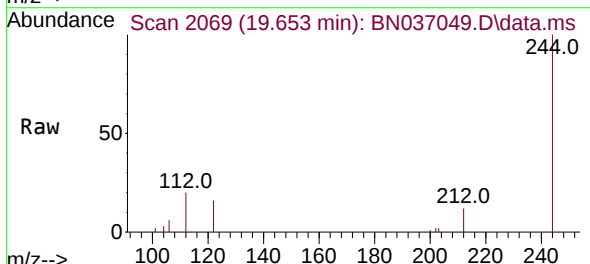
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

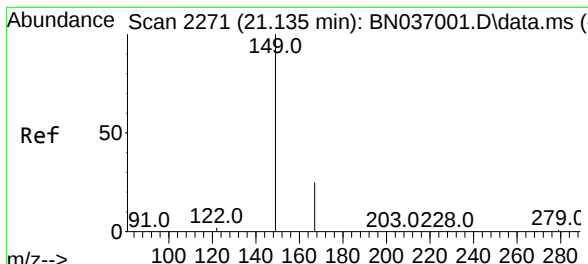
Tgt Ion:240 Resp: 5279
Ion Ratio Lower Upper
240 100
120 13.9 15.1 22.7#
236 28.9 24.0 36.0



#31
Terphenyl-d14
Concen: 0.581 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:244 Resp: 6559
Ion Ratio Lower Upper
244 100
212 12.4 9.7 14.5
122 16.3 13.4 20.0



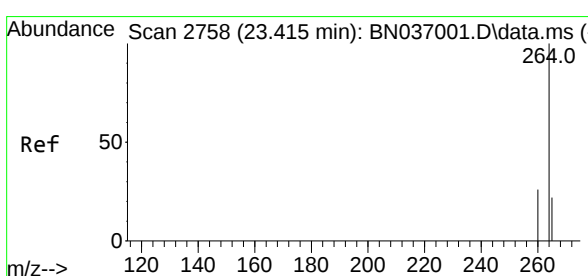
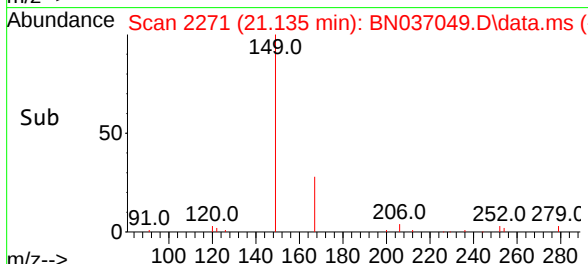
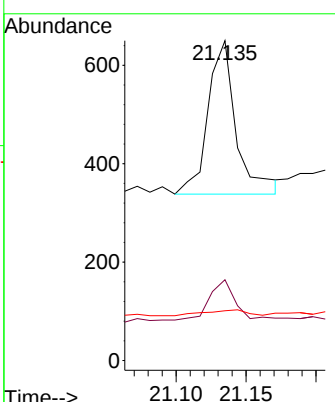
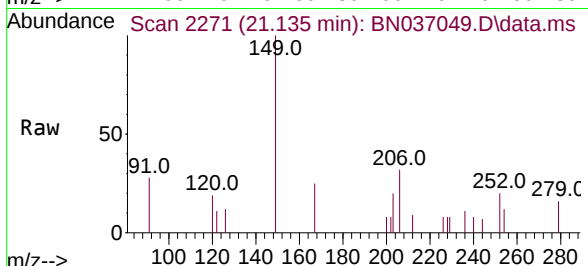


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.135 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

Tgt Ion:149 Resp: 439

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.6	30.8
279	5.5	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.407 min Scan# 2755
 Delta R.T. -0.009 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Tgt Ion:264 Resp: 4526

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.9	32.9
265	71.7	51.6	77.4

