

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038029.D
 Acq On : 07 Oct 2025 03:46
 Operator : RC/JU
 Sample : Q3213-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BP-VPB-184-GW-340-342

Quant Time: Oct 07 04:17:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

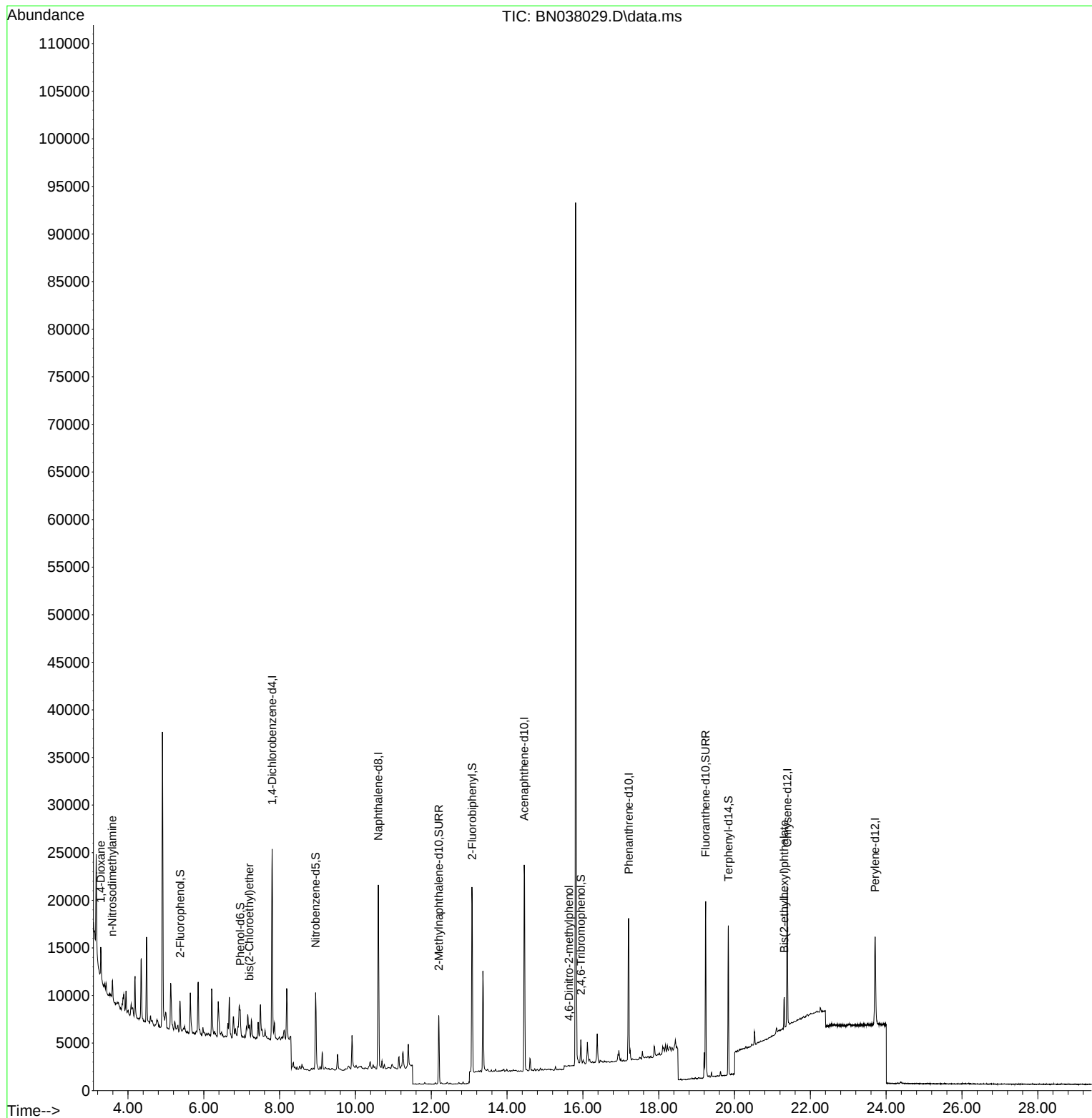
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8590	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24886	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12953	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	23191	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14461	0.400	ng	0.00
35) Perylene-d12	23.709	264	12966	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2447	0.125	ng	0.00
5) Phenol-d6	6.959	99	1999	0.078	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6281	0.331	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9642	0.279	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1361	0.277	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	17483	0.330	ng	-0.01
27) Fluoranthene-d10	19.239	212	18968	0.325	ng	-0.01
31) Terphenyl-d14	19.838	244	14430	0.501	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.283	88	2273	0.261	ng	# 79
3) n-Nitrosodimethylamine	3.586	42	359	0.031	ng	# 18
6) bis(2-Chloroethyl)ether	7.204	93	769	0.032	ng	# 41
20) 4,6-Dinitro-2-methylph...	15.634	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	3537	0.177	ng	97

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

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Operator : RC/JU
Sample : Q3213-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

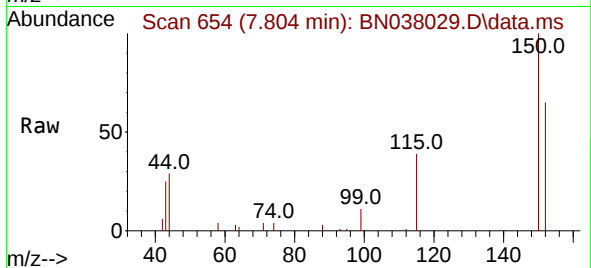
Quant Time: Oct 07 04:17:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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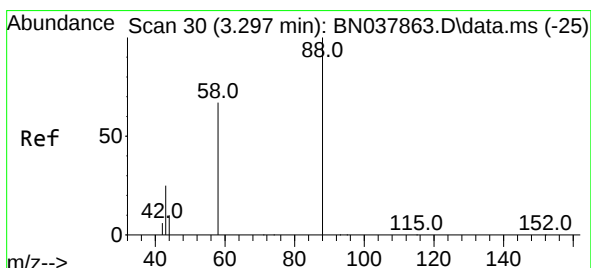
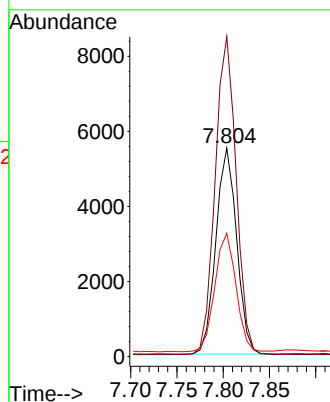
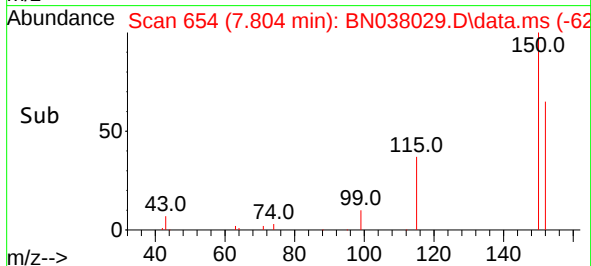


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

Instrument :
 BNA_P
 ClientSampleId :
 BP-VPB-184-GW-340-342

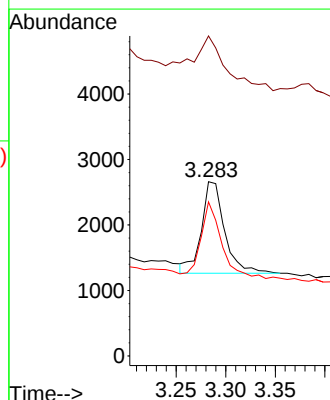
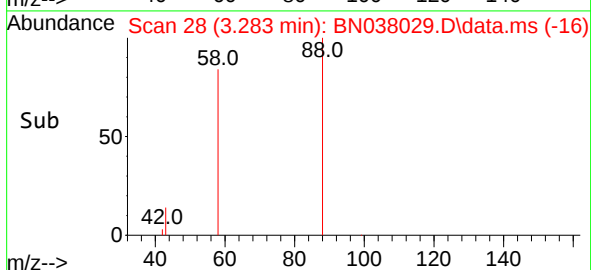
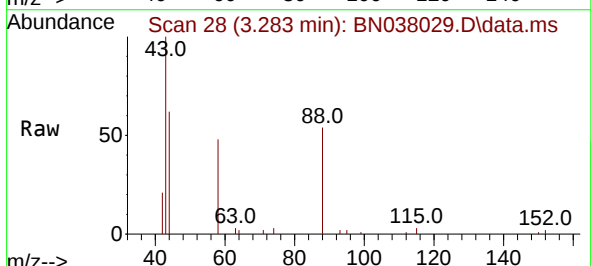


Tgt Ion: 152 Resp: 8590
 Ion Ratio Lower Upper
 152 100
 150 153.4 121.0 181.4
 115 59.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.261 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

Tgt Ion: 88 Resp: 2273
 Ion Ratio Lower Upper
 88 100
 43 60.6 26.6 39.8#
 58 80.5 58.9 88.3

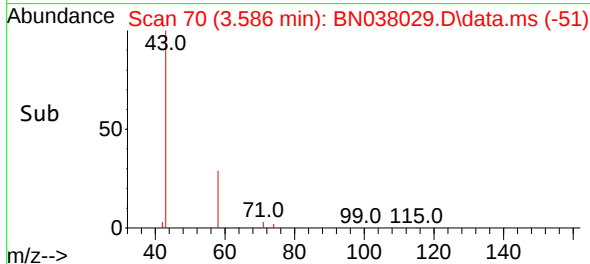
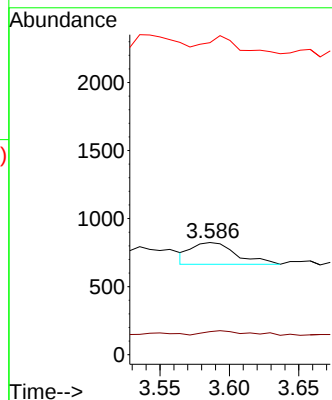
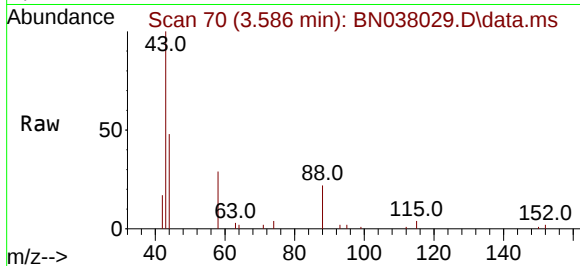




#3
 n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.586 min Scan# 70
 Delta R.T. -0.015 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

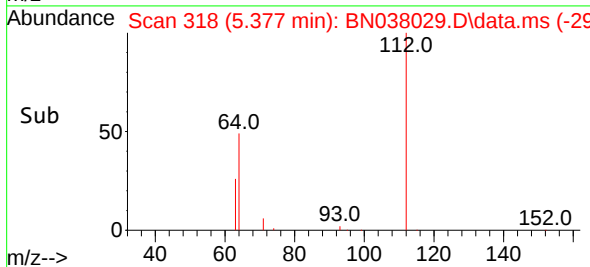
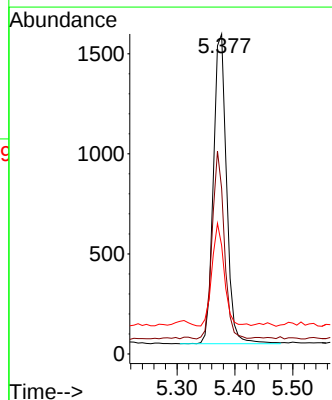
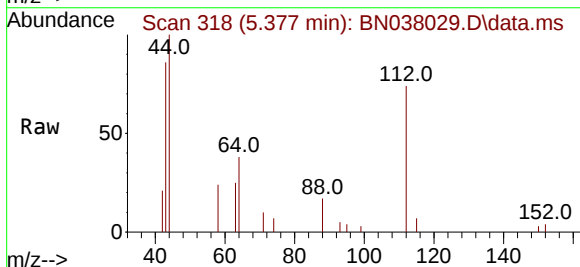
Instrument :
 BNA_P
 ClientSampleId :
 BP-VPB-184-GW-340-342

Tgt Ion: 42 Resp: 359
 Ion Ratio Lower Upper
 42 100
 74 20.6 93.4 140.0#
 44 56.8 22.2 33.4#



#4
 2-Fluorophenol
 Concen: 0.125 ng
 RT: 5.377 min Scan# 318
 Delta R.T. -0.007 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

Tgt Ion: 112 Resp: 2447
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.6 66.8
 63 30.7 24.9 37.3

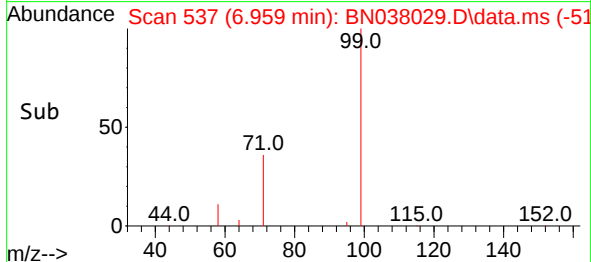
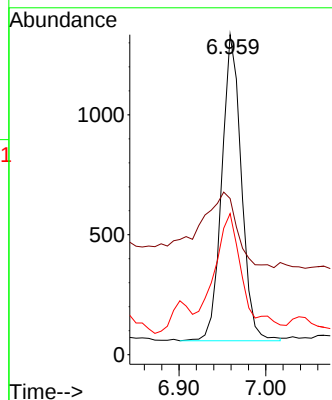
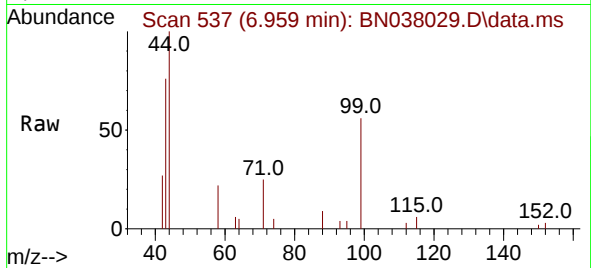




#5
Phenol-d6
Concen: 0.078 ng
RT: 6.959 min Scan# 511
Delta R.T. -0.015 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

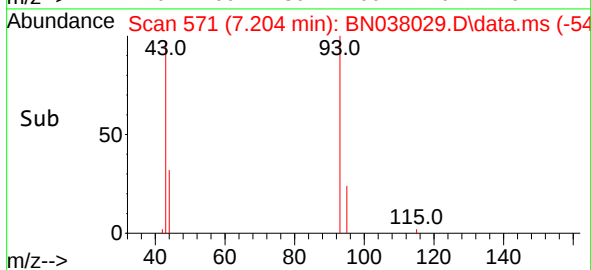
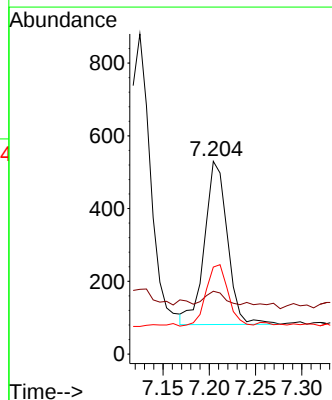
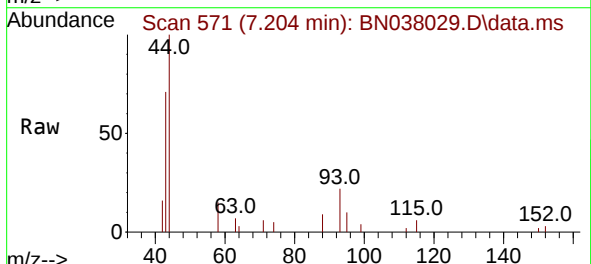
Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

Tgt Ion: 99 Resp: 1999
Ion Ratio Lower Upper
99 100
42 49.9 17.2 25.8#
71 55.4 27.3 40.9#



#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.036 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Tgt Ion: 93 Resp: 769
Ion Ratio Lower Upper
93 100
63 6.8 60.1 90.1#
95 36.5 25.4 38.2

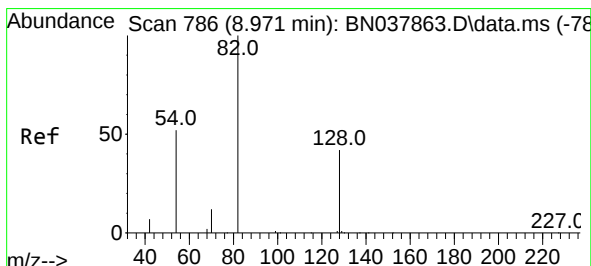
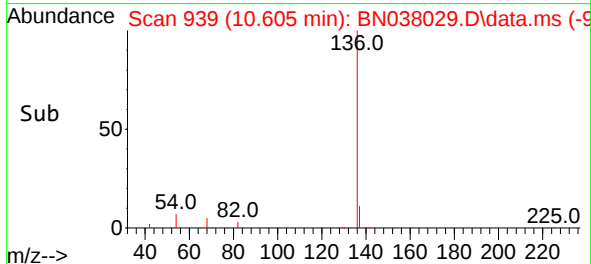
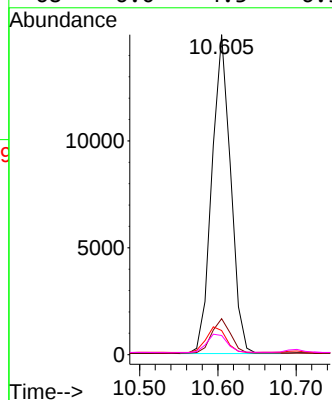
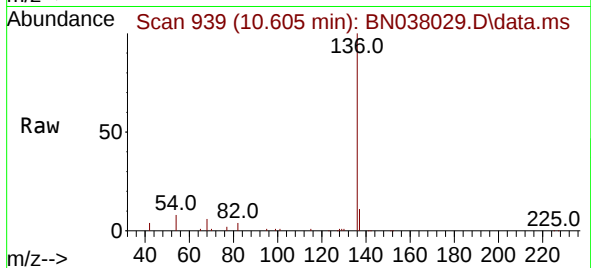




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

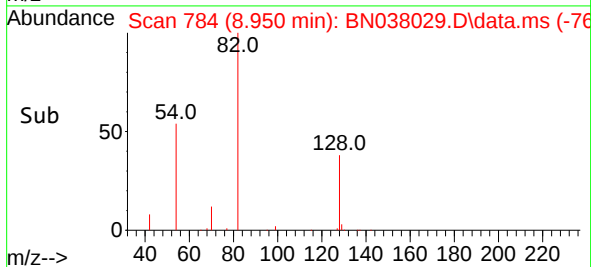
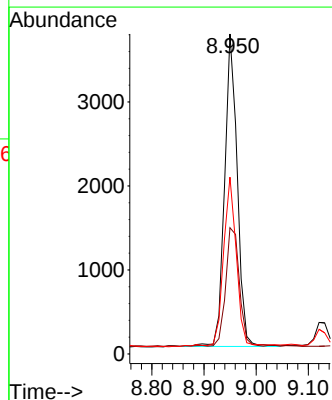
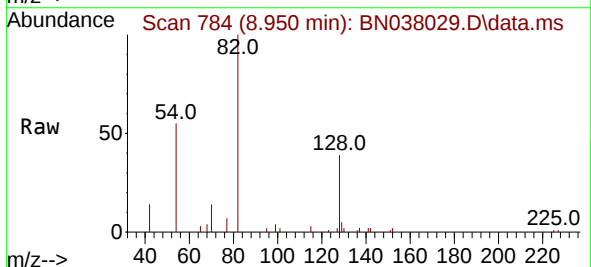
Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

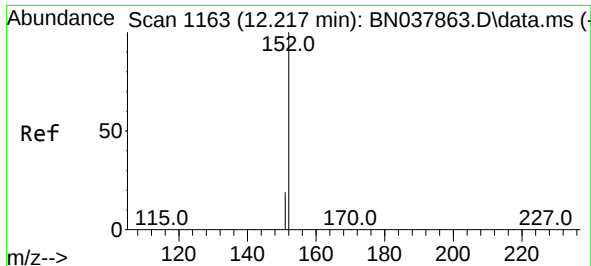
Tgt Ion:	136	Resp:	24886
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.6	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Tgt Ion:	82	Resp:	6281
Ion Ratio	Lower	Upper	
82	100		
128	39.5	34.8	52.2
54	55.3	42.2	63.2

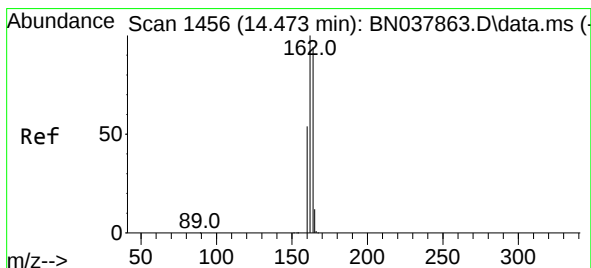
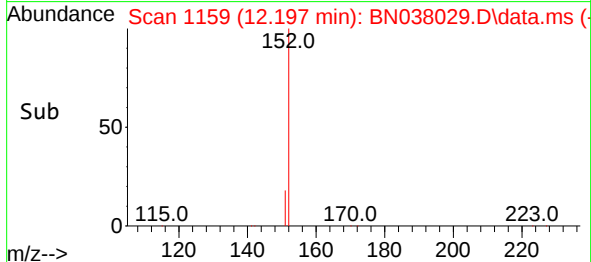
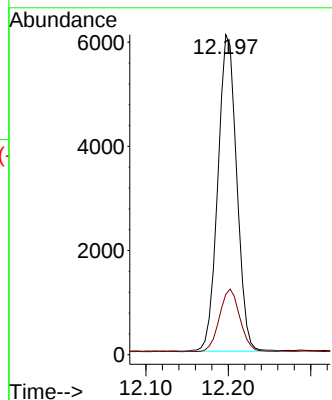
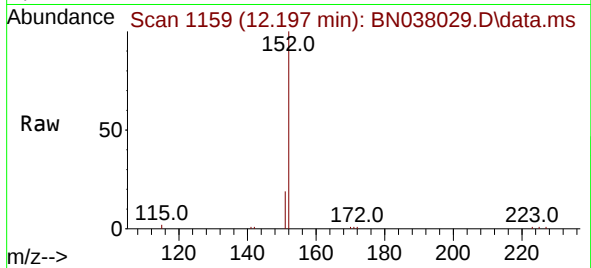




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

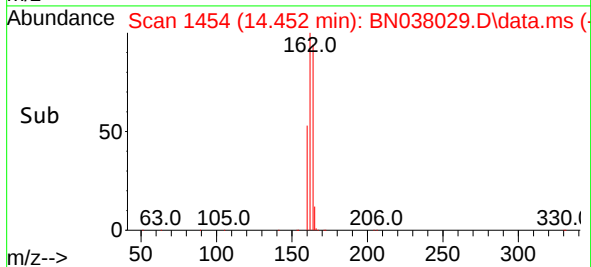
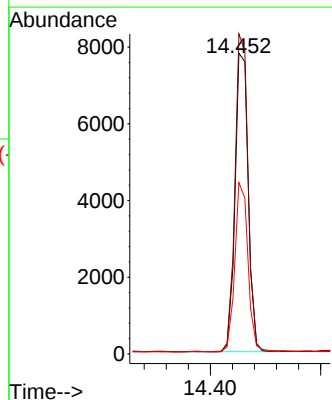
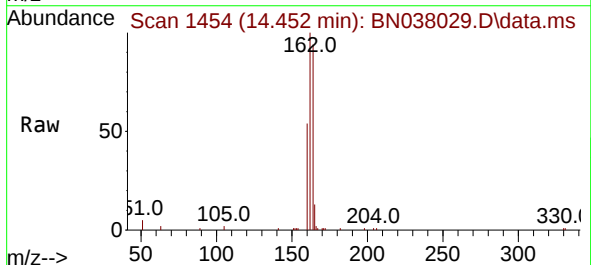
Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

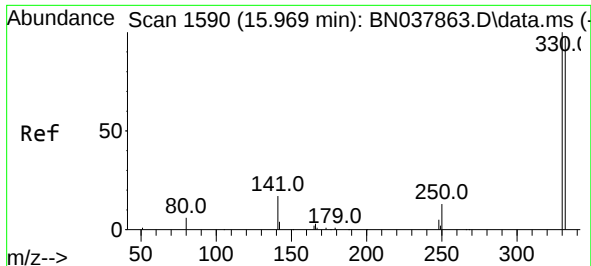
Tgt Ion:152 Resp: 9642
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

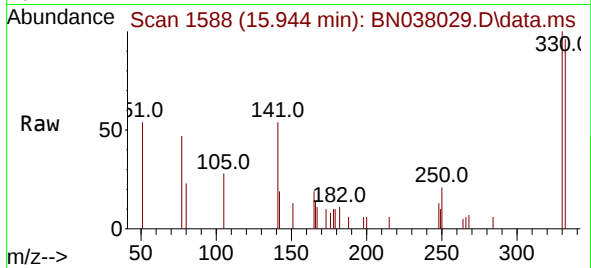
Tgt Ion:164 Resp: 12953
Ion Ratio Lower Upper
164 100
162 106.4 84.8 127.2
160 56.9 46.1 69.1



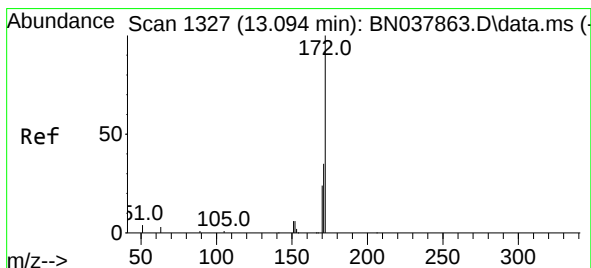
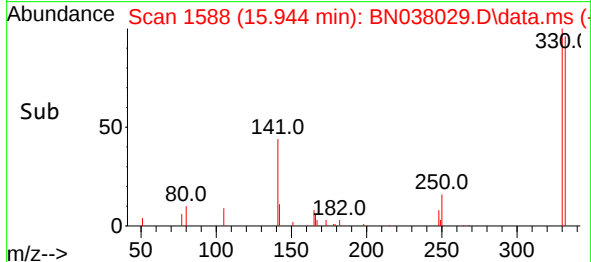
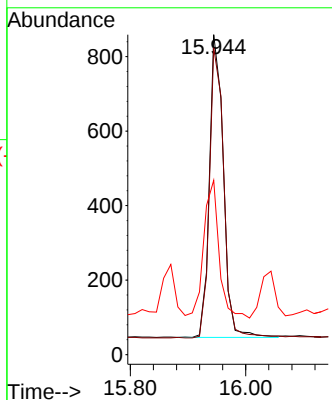


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

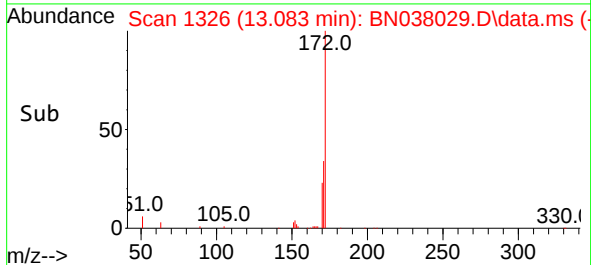
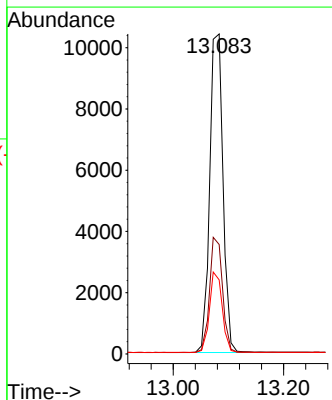
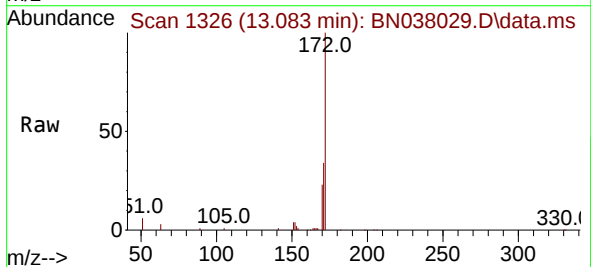


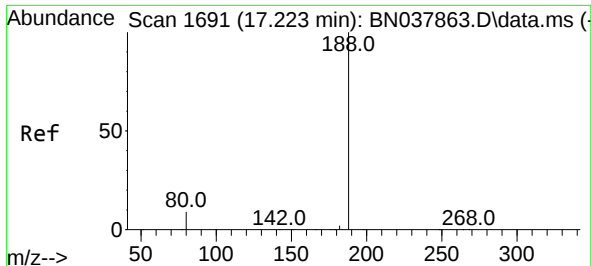
Tgt Ion:330 Resp: 1361
Ion Ratio Lower Upper
330 100
332 98.7 77.2 115.8
141 49.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Tgt Ion:172 Resp: 17483
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.2 19.7 29.5

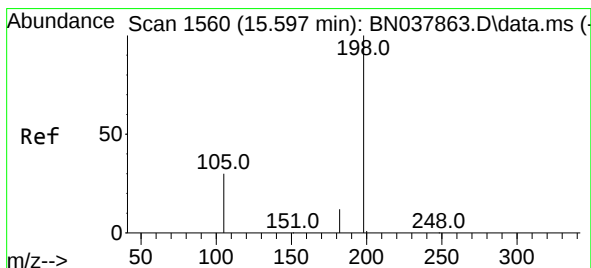
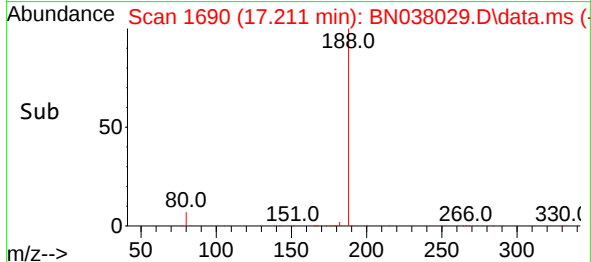
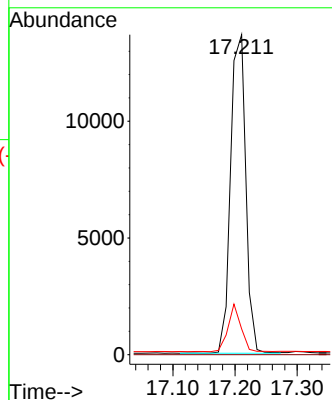
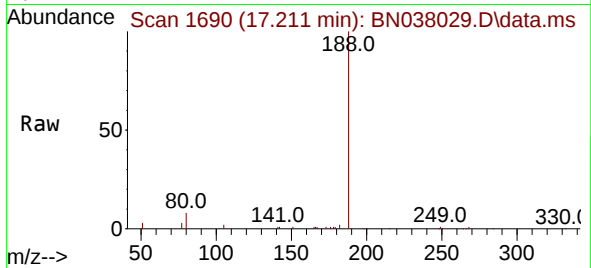




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

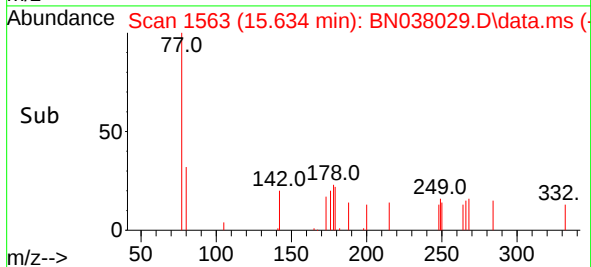
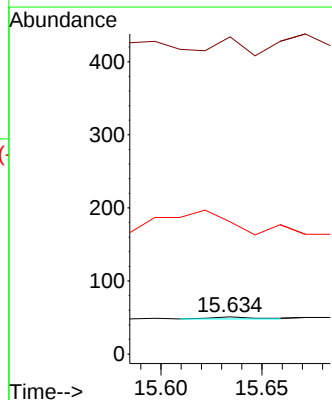
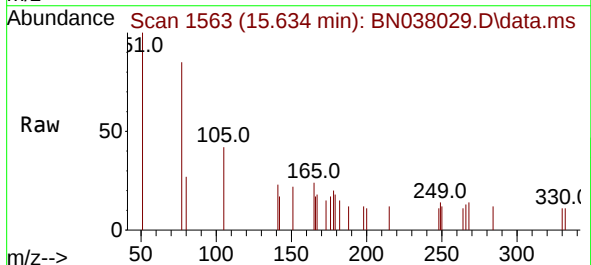
Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342

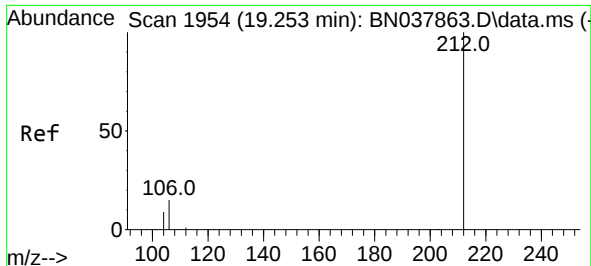
Tgt Ion:188 Resp: 23191
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.634 min Scan# 1563
Delta R.T. 0.037 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 851.0 59.1 88.7#
105 354.9 41.3 61.9#

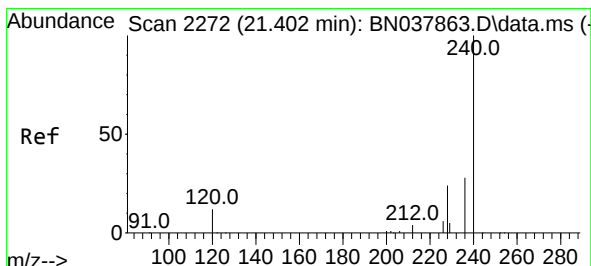
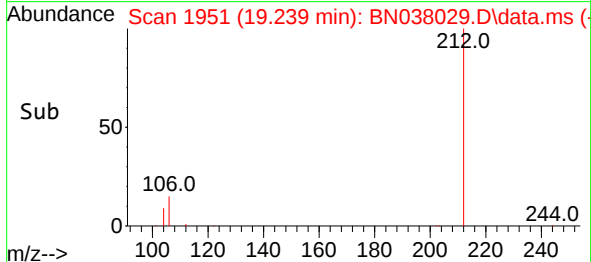
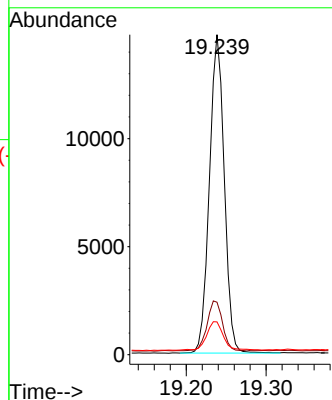
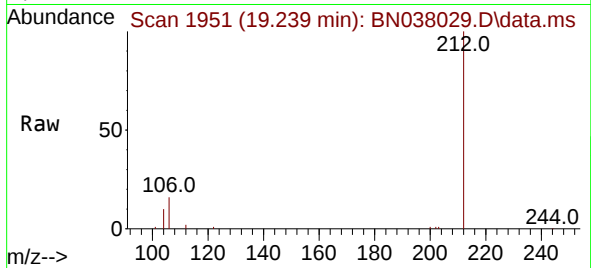




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

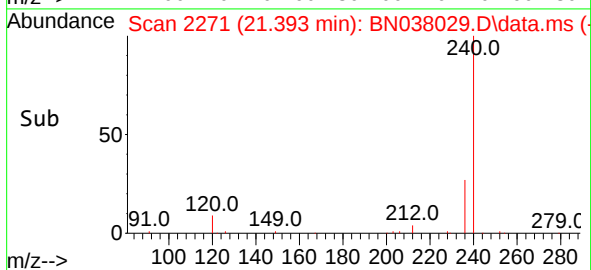
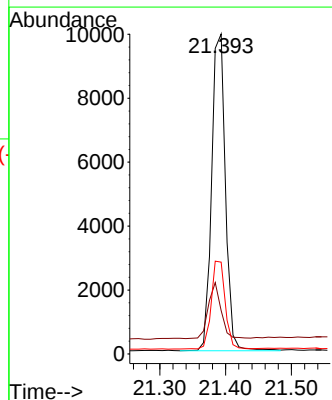
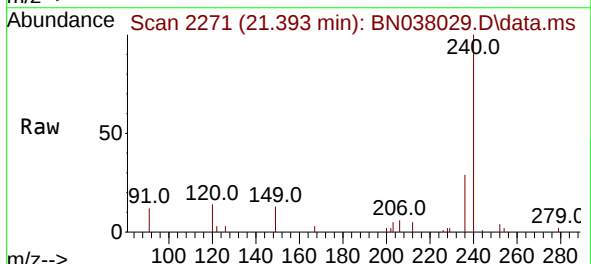
Instrument :
BNA_P
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BP-VPB-184-GW-340-342

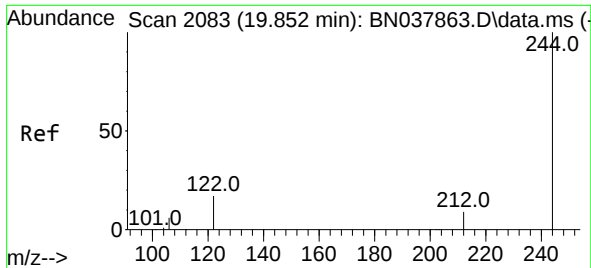
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Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 10.2 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Tgt Ion:240 Resp: 14461
Ion Ratio Lower Upper
240 100
120 13.6 11.4 17.2
236 28.7 23.0 34.6

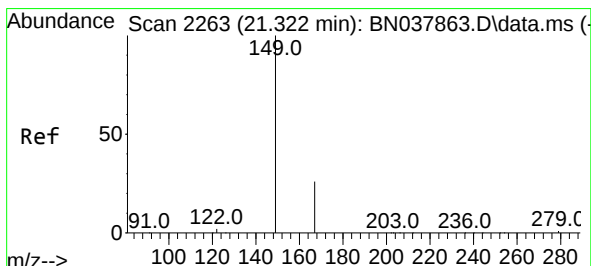
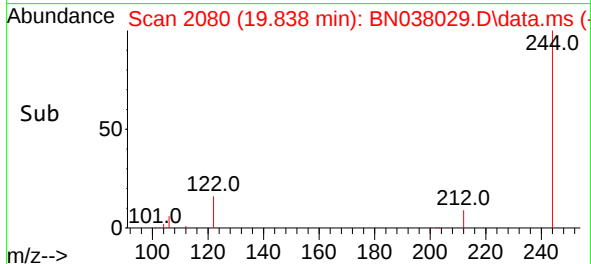
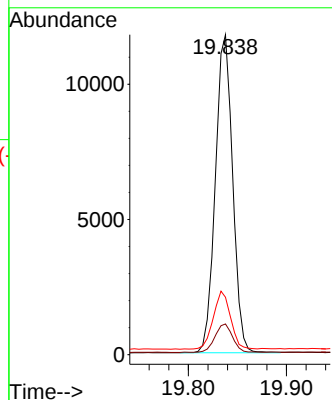
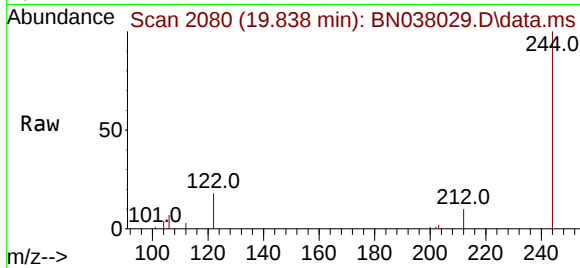




#31
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

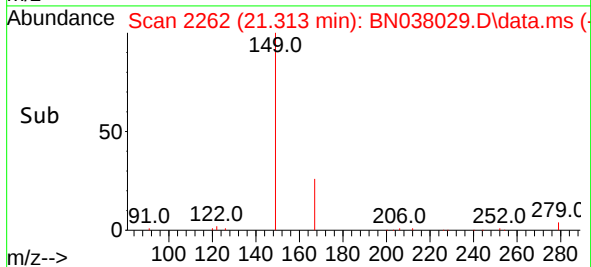
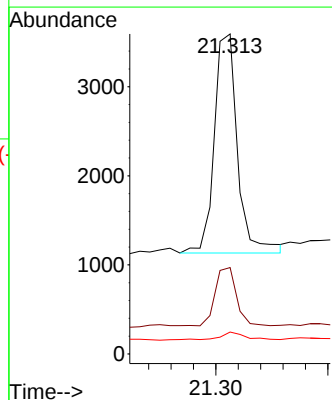
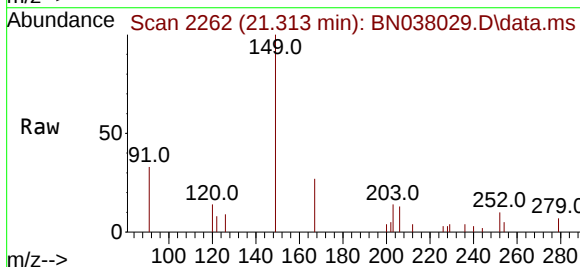
Instrument :
 BNA_P
 ClientSampleId :
 BP-VPB-184-GW-340-342

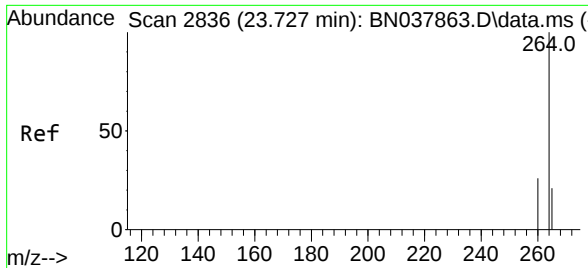
Tgt Ion:244 Resp: 14430
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.6 11.4
 122 17.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.177 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038029.D
 Acq: 07 Oct 2025 03:46

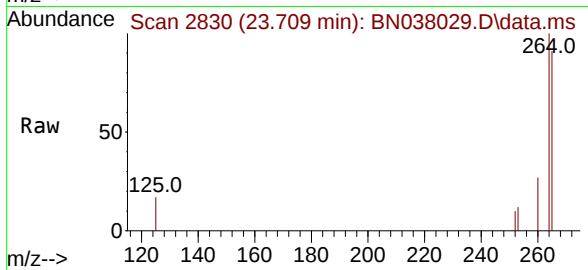
Tgt Ion:149 Resp: 3537
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.4 30.6
 279 3.5 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038029.D
Acq: 07 Oct 2025 03:46

Instrument :
BNA_P
ClientSampleId :
BP-VPB-184-GW-340-342



Tgt Ion:264 Resp: 12966
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 90.5 53.8 80.6#

