

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
 Data File : BN037027.D
 Acq On : 15 May 2025 11:07
 Operator : RC/JU
 Sample : Q2012-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250509DL

Quant Time: May 15 12:13:21 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)

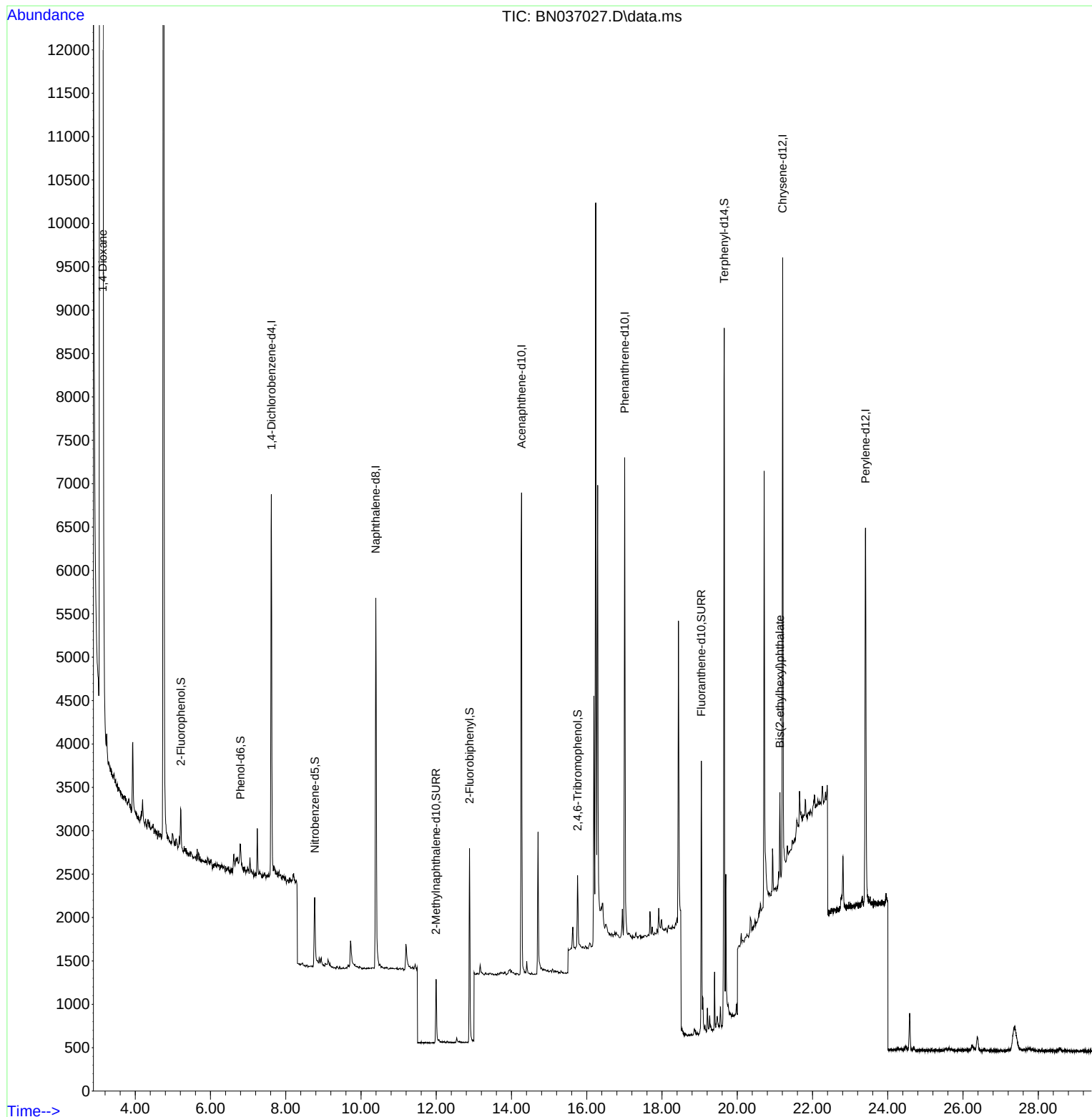
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2107	0.40	ng	0.00
7) Naphthalene-d8	10.393	136	5709	0.40	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3269	0.40	ng	0.00
19) Phenanthrene-d10	17.008	188	7047	0.40	ng	# 0.00
29) Chrysene-d12	21.206	240	6221	0.40	ng	# 0.00
35) Perylene-d12	23.409	264	5675	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	350	0.06	ng	0.00
5) Phenol-d6	6.795	99	241	0.03	ng	0.00
8) Nitrobenzene-d5	8.771	82	827	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	1131	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	445	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	2094	0.14	ng	0.00
27) Fluoranthene-d10	19.045	212	3517	0.18	ng	0.00
31) Terphenyl-d14	19.653	244	6983	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.133	88	7254	2.81	ng	Qvalue 95
34) Bis(2-ethylhexyl)phtha...	21.135	149	899	0.06	ng	# 98

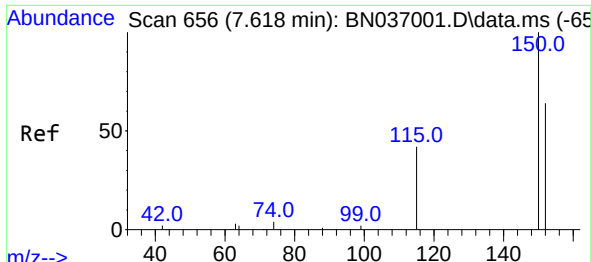
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP100-20250509DL

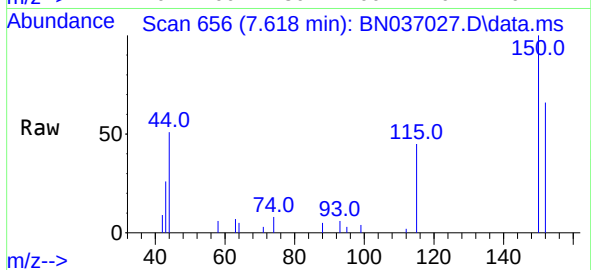
Quant Time: May 15 12:13:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



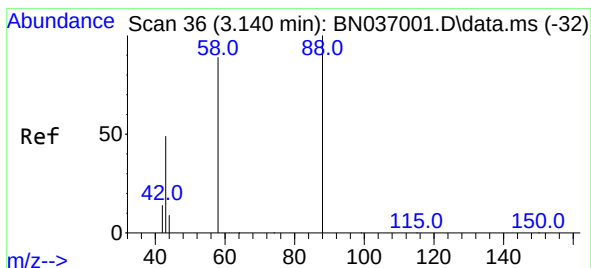
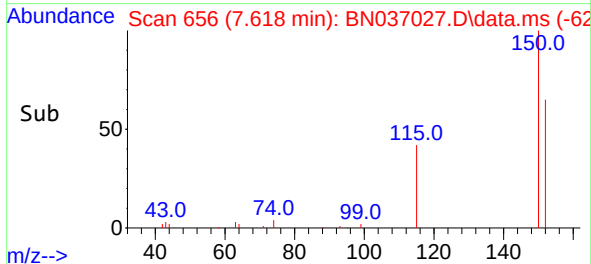
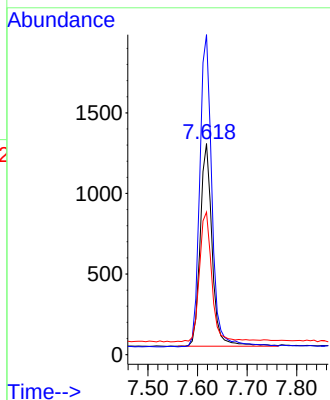


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.618 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509DL

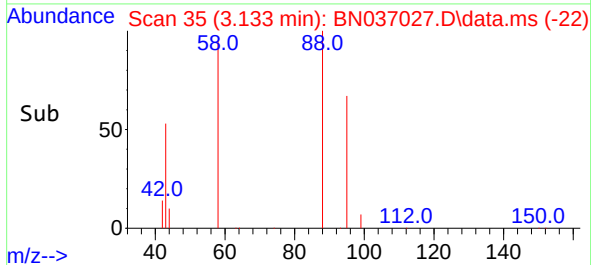
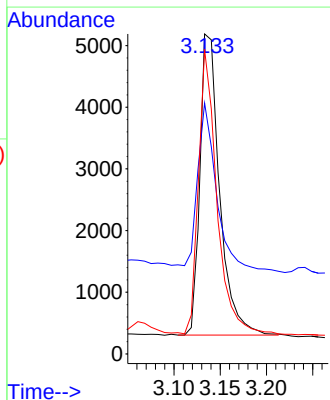
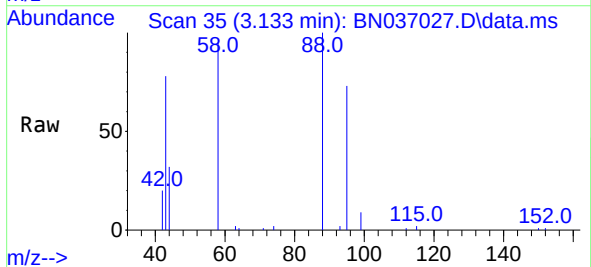


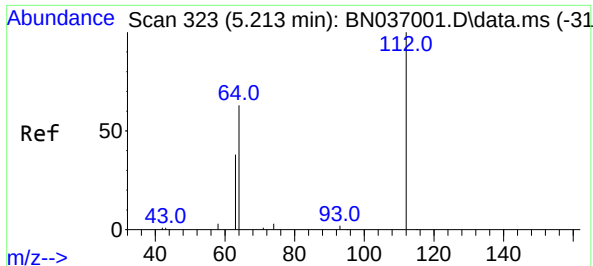
Tgt Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
150 151.6 123.9 185.9
115 67.5 55.8 83.8



#2
1,4-Dioxane
Concen: 2.81 ng
RT: 3.133 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion: 88 Resp: 7254
Ion Ratio Lower Upper
88 100
43 54.8 37.4 56.0
58 87.6 68.8 103.2

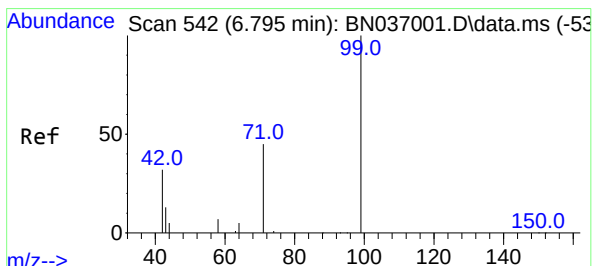
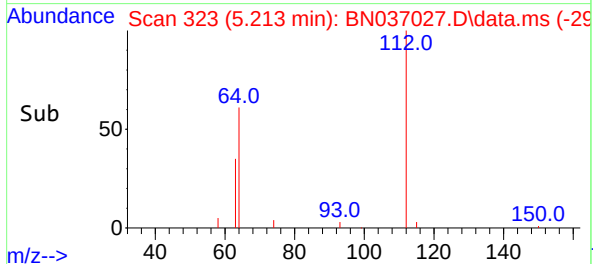
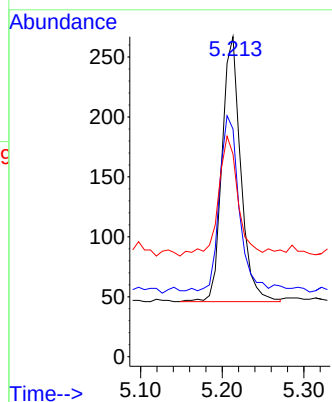
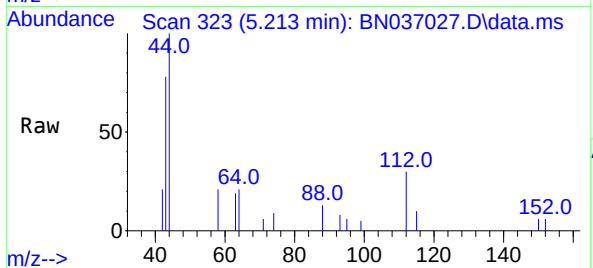




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

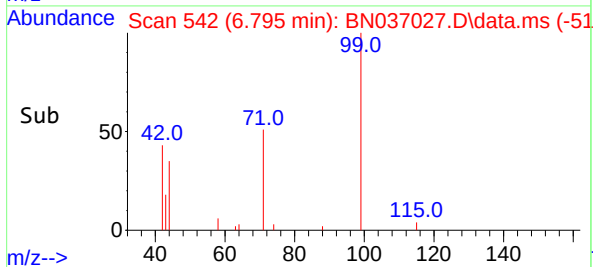
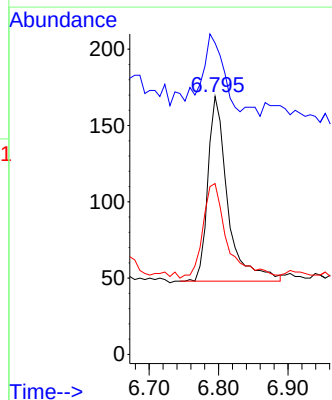
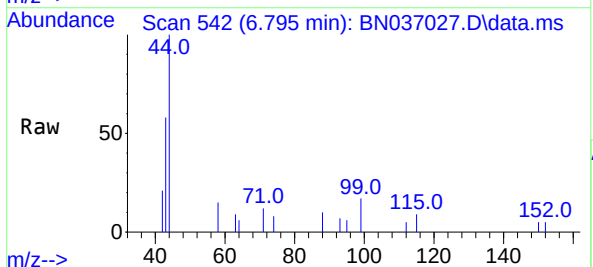
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509DL

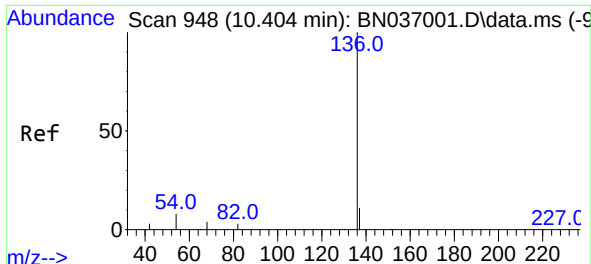
Tgt Ion:112 Resp: 350
Ion Ratio Lower Upper
112 100
64 75.1 55.7 83.5
63 48.6 34.6 51.8



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion: 99 Resp: 241
Ion Ratio Lower Upper
99 100
42 44.0 29.3 43.9#
71 62.7 35.7 53.5#

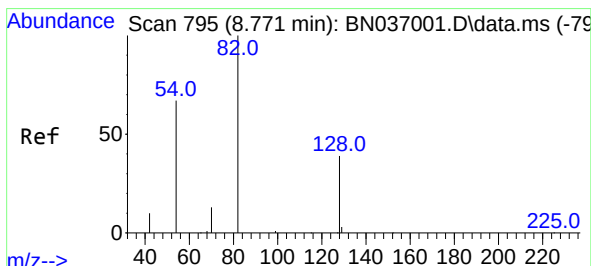
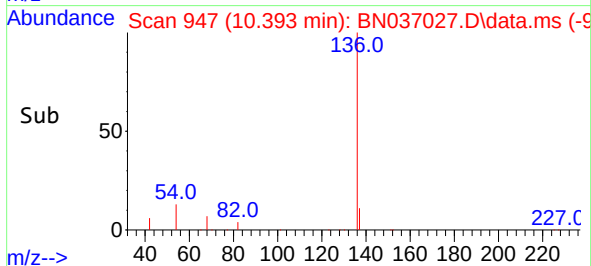
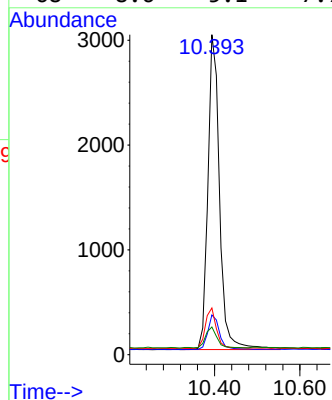
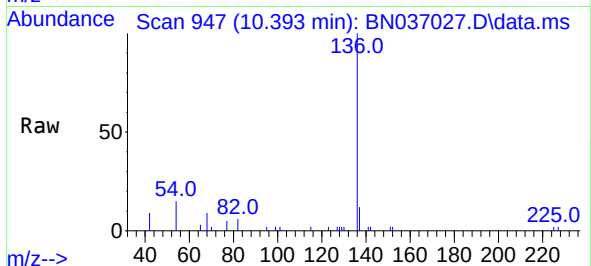




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.393 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

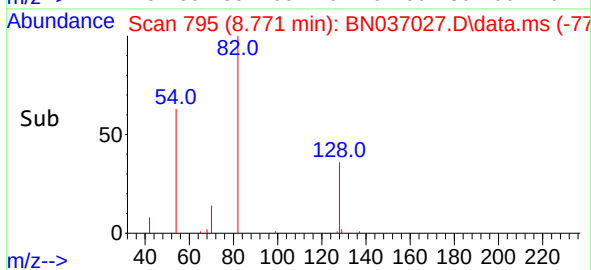
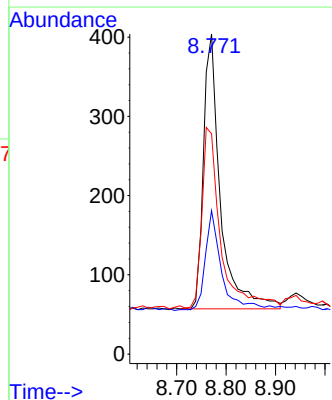
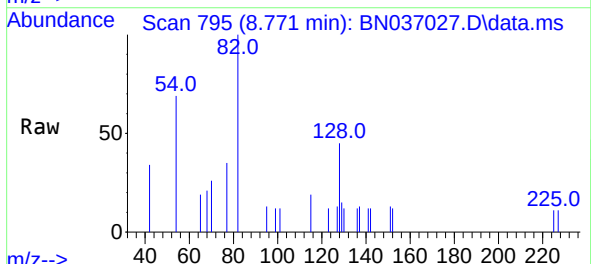
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509DL

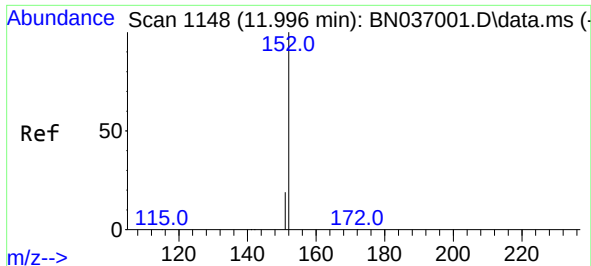
Tgt Ion:	136	Resp:	5709
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.6	8.5	12.7#
68	8.6	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.771 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:	82	Resp:	827
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	68.8	55.0	82.4

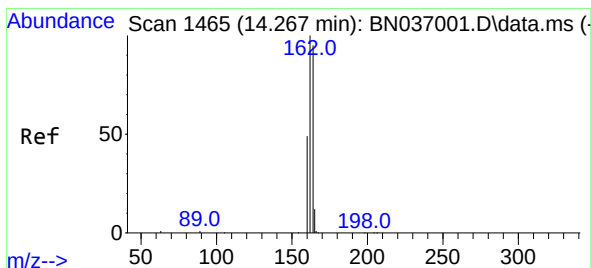
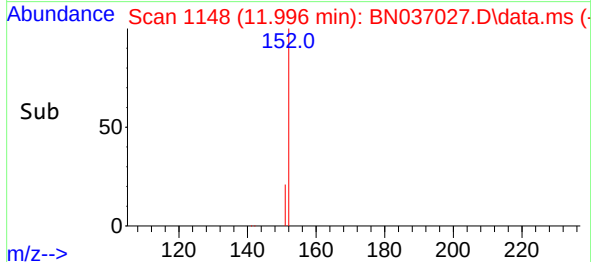
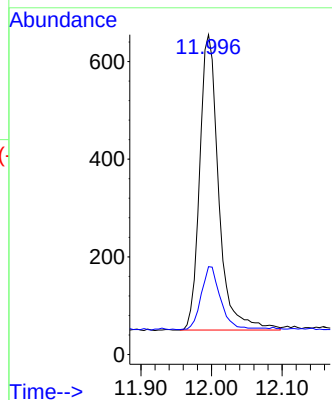
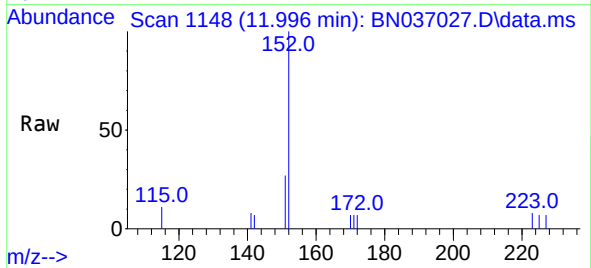




#11
2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 11.996 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

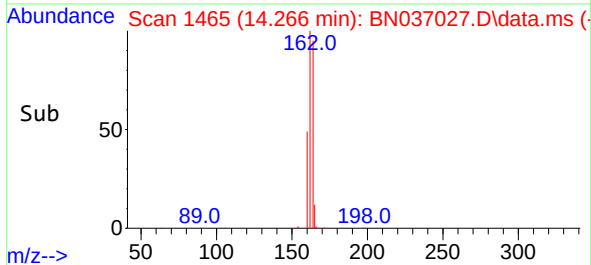
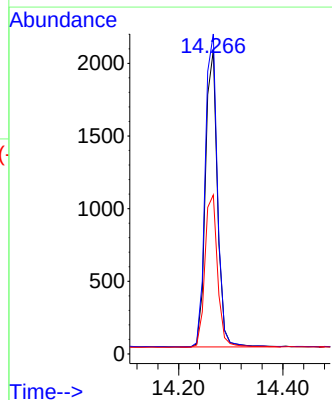
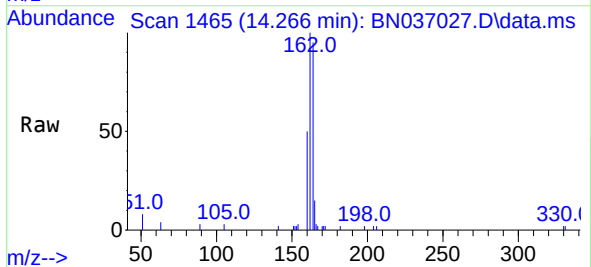
Instrument :
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ClientSampleId :
RW5-SP100-20250509DL

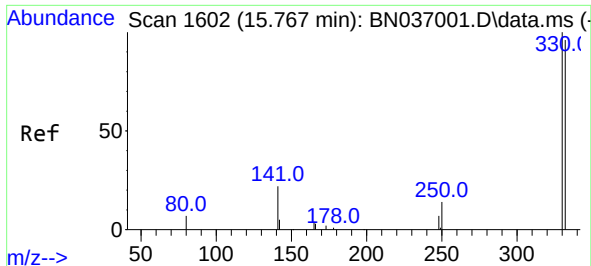
Tgt Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.266 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

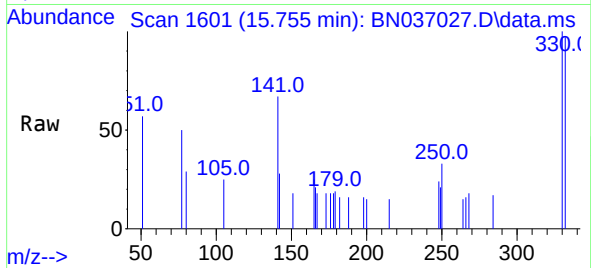
Tgt Ion:164 Resp: 3269
Ion Ratio Lower Upper
164 100
162 105.5 84.2 126.4
160 52.4 42.6 63.8



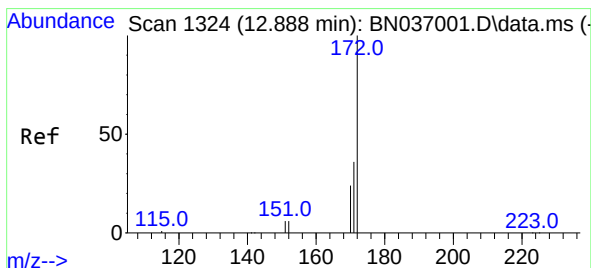
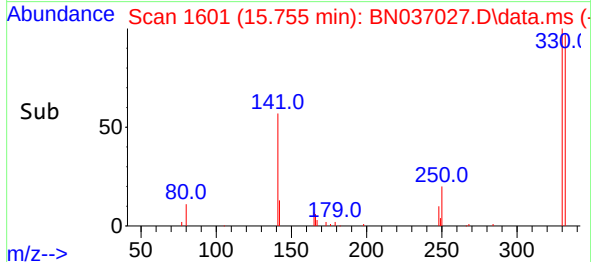
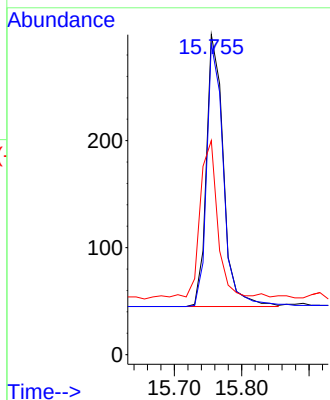


#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509DL

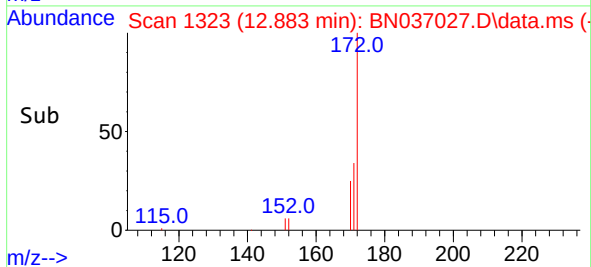
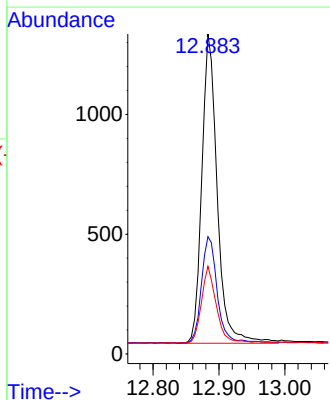
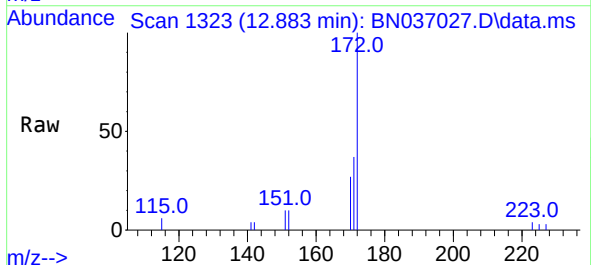


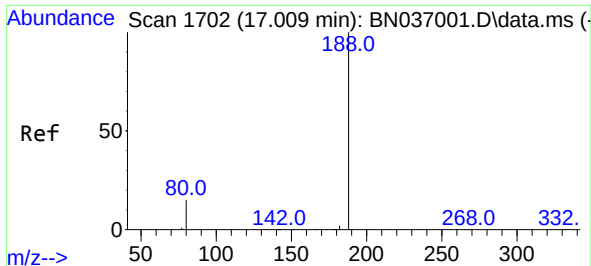
Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 96.2 73.8 110.8
141 62.7 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:172 Resp: 2094
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 27.4 20.5 30.7

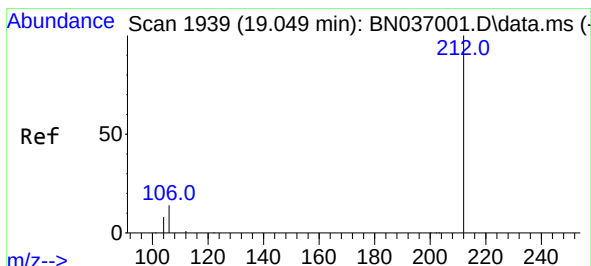
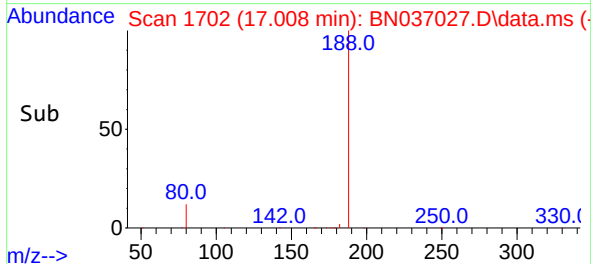
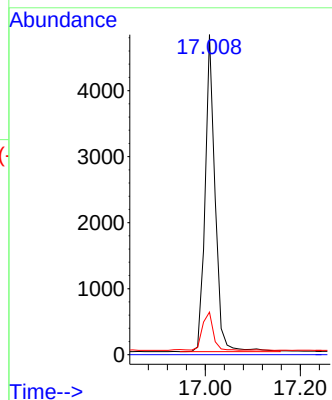
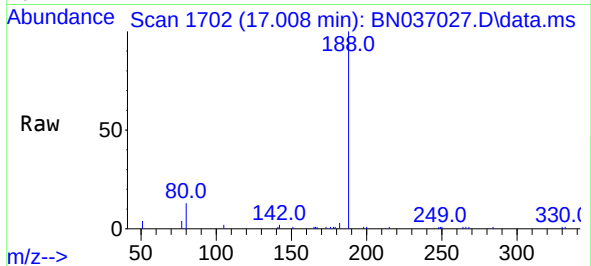




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

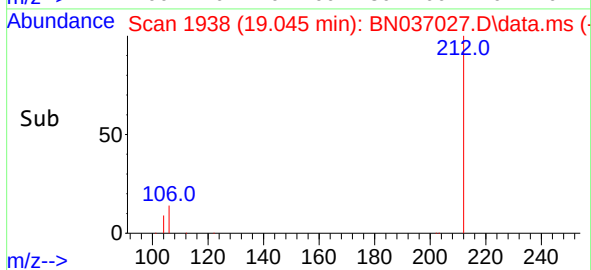
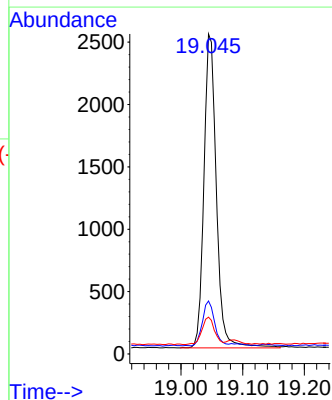
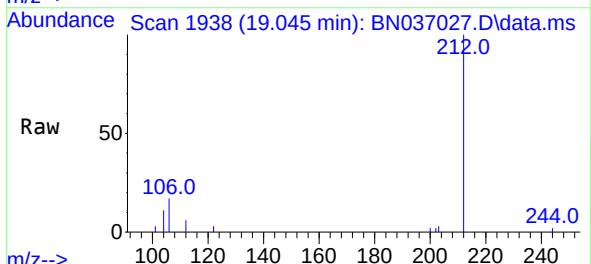
Instrument :
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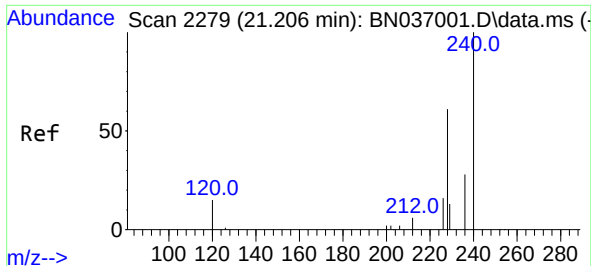
Tgt Ion:188 Resp: 7047
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 13.4 20.0#



#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:212 Resp: 3517
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 8.7 6.7 10.1

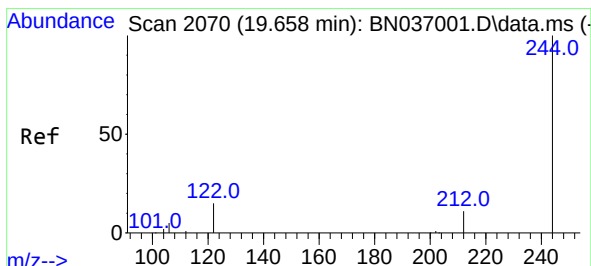
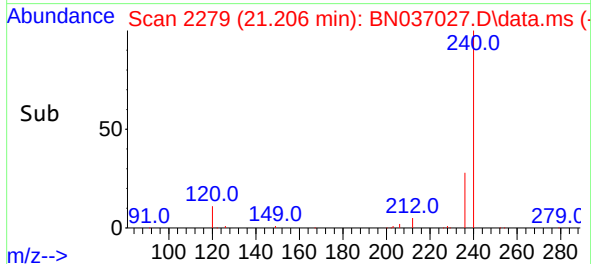
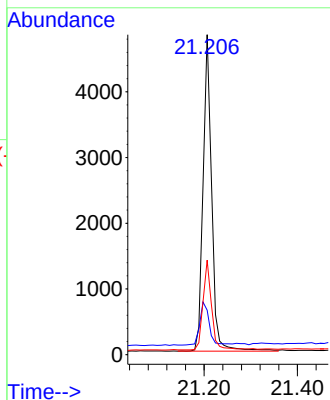
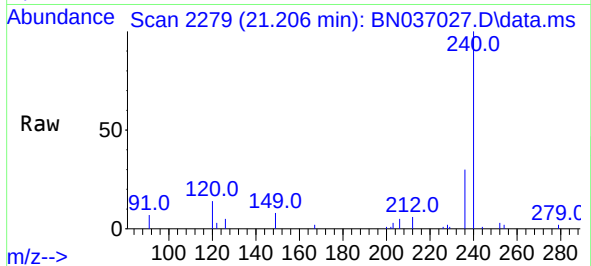




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.206 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

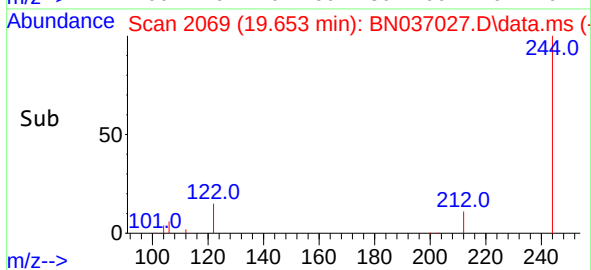
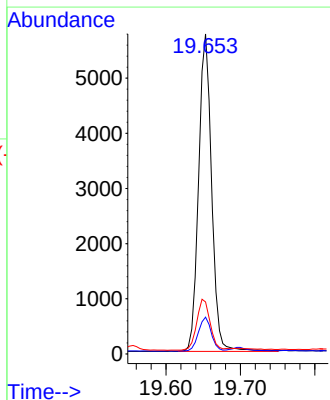
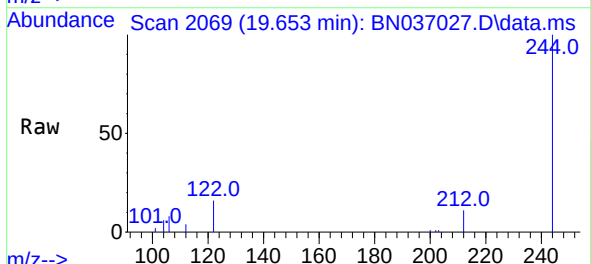
Instrument :
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RW5-SP100-20250509DL

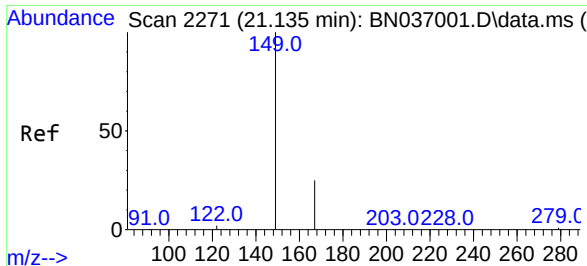
Tgt Ion:240 Resp: 6221
Ion Ratio Lower Upper
240 100
120 13.9 15.1 22.7#
236 29.6 24.0 36.0



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:244 Resp: 6983
Ion Ratio Lower Upper
244 100
212 11.5 9.7 14.5
122 16.3 13.4 20.0

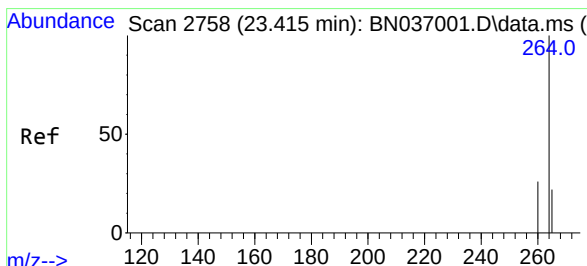
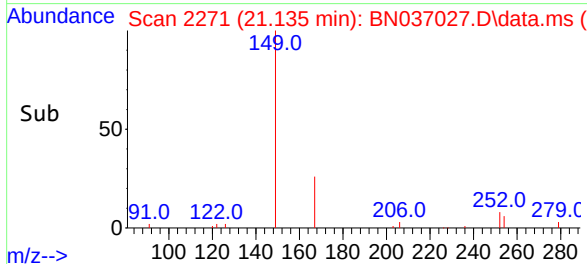
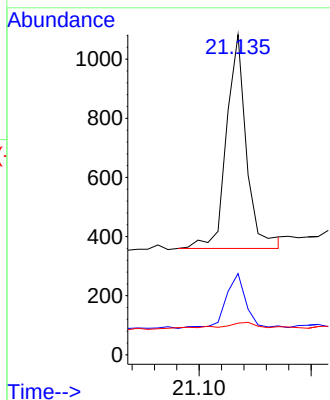
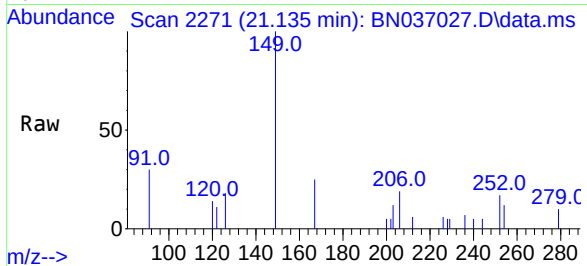




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.135 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509DL

Tgt Ion:149 Resp: 899
Ion Ratio Lower Upper
149 100
167 26.7 20.6 30.8
279 4.8 2.6 3.8#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.409 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:264 Resp: 5675
Ion Ratio Lower Upper
264 100
260 26.9 21.9 32.9
265 58.5 51.6 77.4

