

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037060.D
 Acq On : 20 May 2025 00:42
 Operator : RC/JU
 Sample : Q2063-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515

Quant Time: May 20 01:15:24 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)

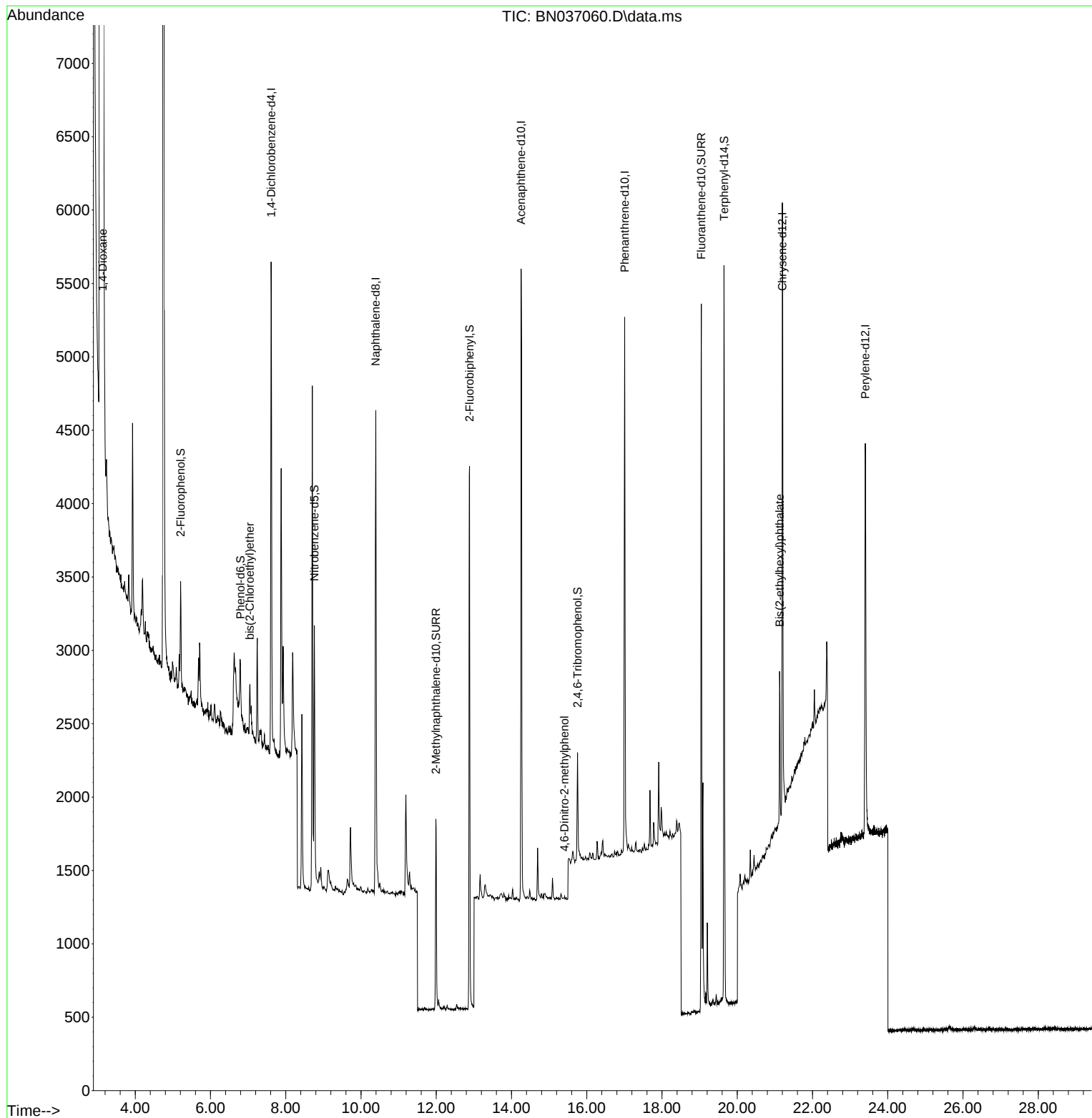
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1583	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4279	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2489	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5045	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	4113	0.400	ng	0.00
35) Perylene-d12	23.404	264	3609	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	513	0.124	ng	0.00
5) Phenol-d6	6.795	99	342	0.066	ng	0.00
8) Nitrobenzene-d5	8.760	82	1445	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1873	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	395	0.361	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	3366	0.295	ng	0.00
27) Fluoranthene-d10	19.045	212	5248	0.379	ng	0.00
31) Terphenyl-d14	19.649	244	4395	0.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.133	88	10840	5.581	ng	96
6) bis(2-Chloroethyl)ether	7.048	93	179	0.037	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.410	198	7	0.031	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	1021	0.107	ng	# 95

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

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RW5-SP100-20250515

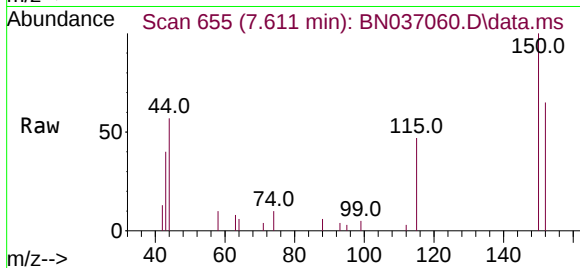
Quant Time: May 20 01:15:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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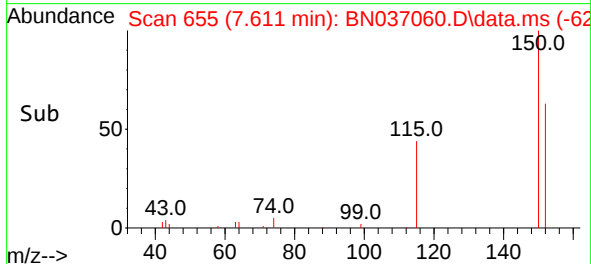
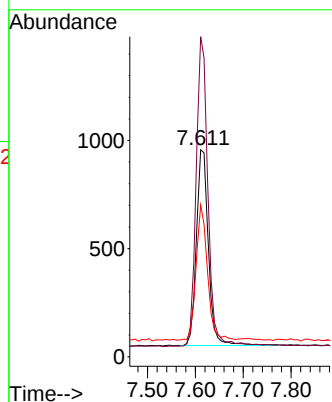
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515



Tgt Ion:152 Resp: 1583

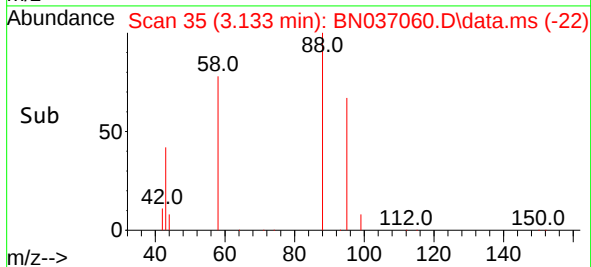
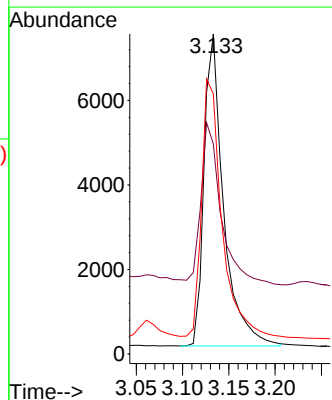
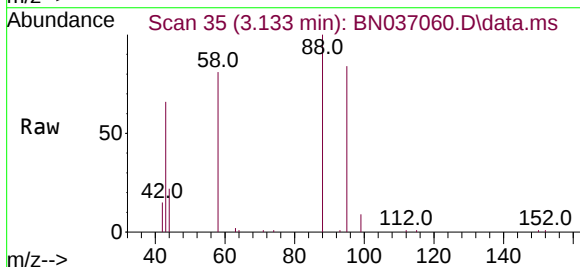
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	73.4	55.8	83.8

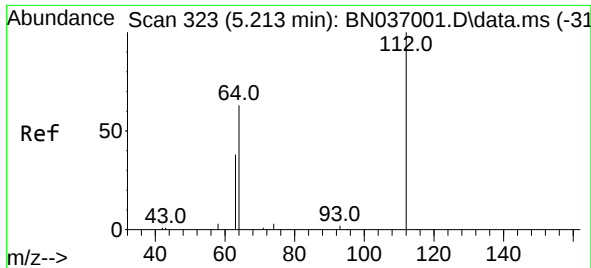


#2
 1,4-Dioxane
 Concen: 5.581 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

Tgt Ion: 88 Resp: 10840

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.4	56.0
58	84.9	68.8	103.2

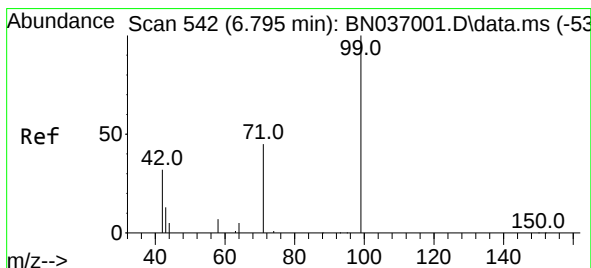
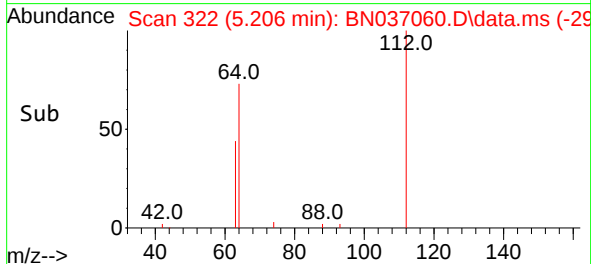
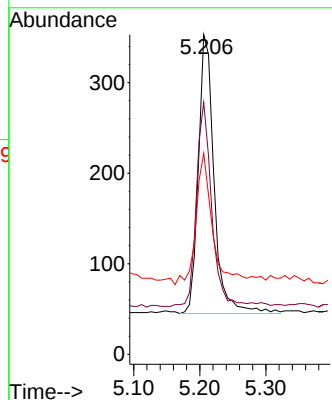
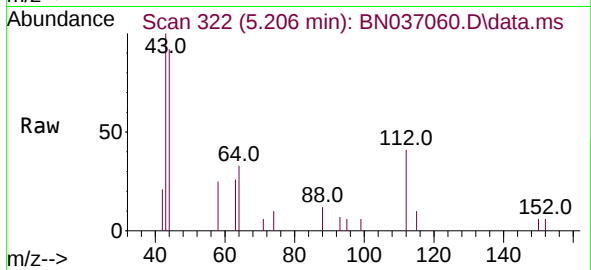




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

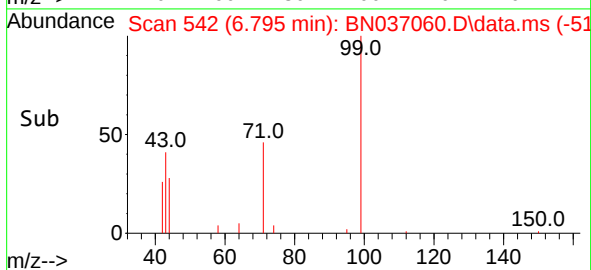
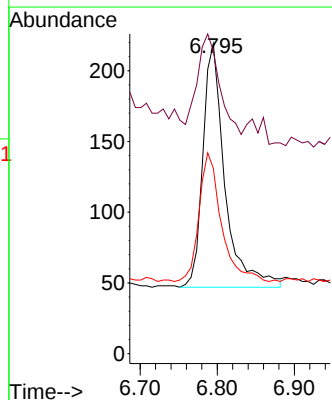
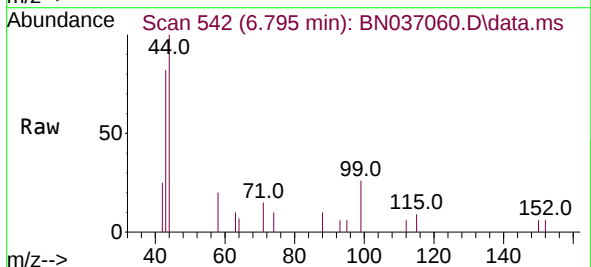
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BNA_N
ClientSampleId :
RW5-SP100-20250515

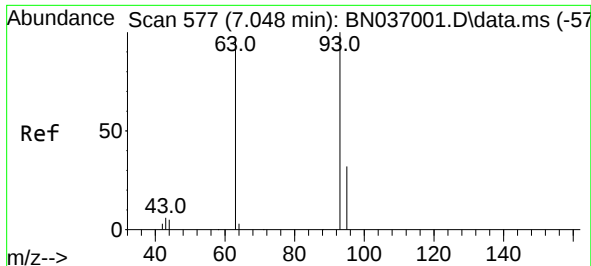
Tgt Ion:112 Resp: 513
Ion Ratio Lower Upper
112 100
64 70.0 55.7 83.5
63 48.7 34.6 51.8



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion: 99 Resp: 342
Ion Ratio Lower Upper
99 100
42 42.7 29.3 43.9
71 53.2 35.7 53.5

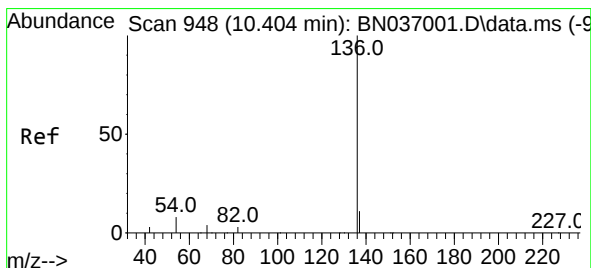
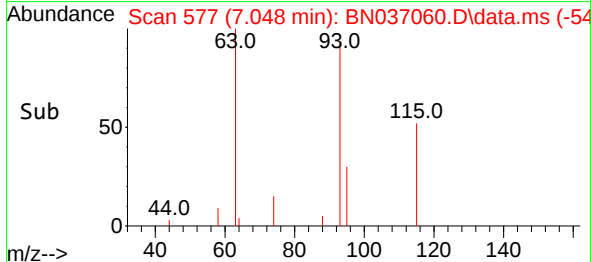
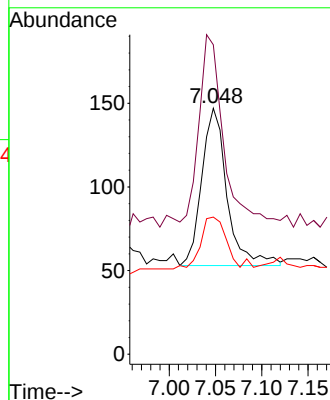
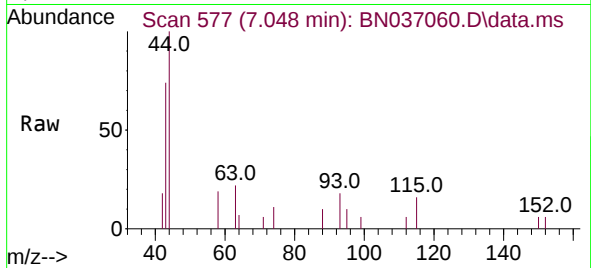




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

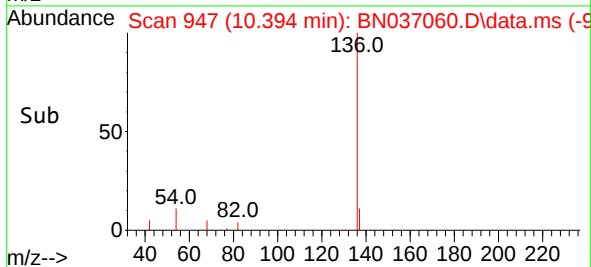
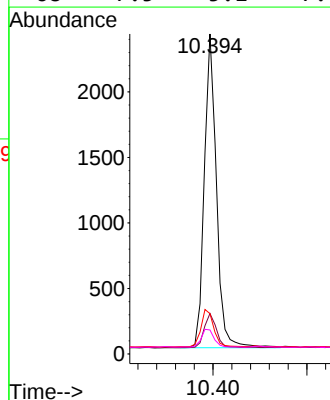
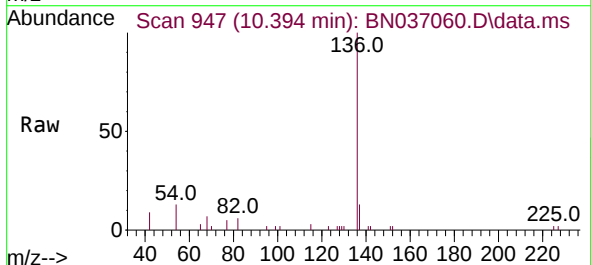
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

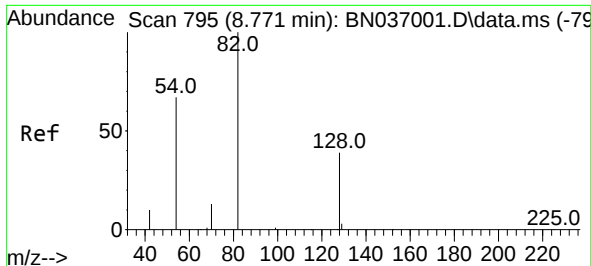
Tgt Ion: 93 Resp: 179
Ion Ratio Lower Upper
93 100
63 125.1 70.1 105.1#
95 32.4 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion: 136 Resp: 4279
Ion Ratio Lower Upper
136 100
137 12.7 10.4 15.6
54 12.6 8.5 12.7
68 7.5 5.1 7.7

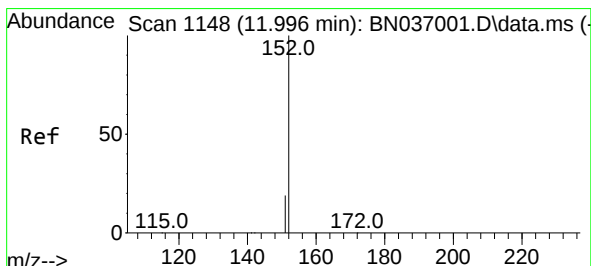
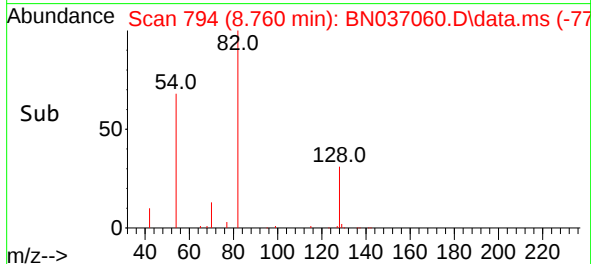
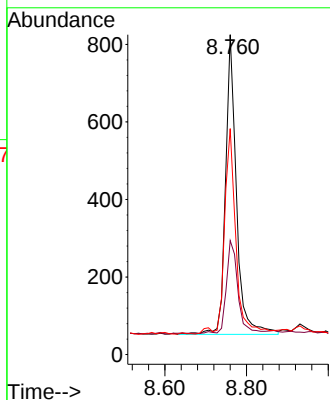
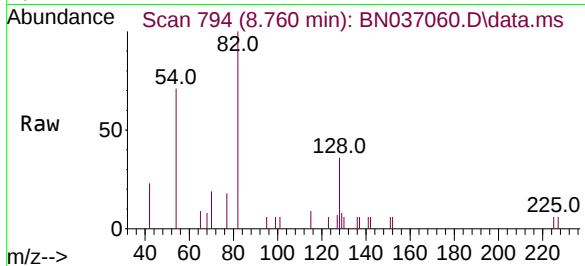




#8
 Nitrobenzene-d5
 Concen: 0.310 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

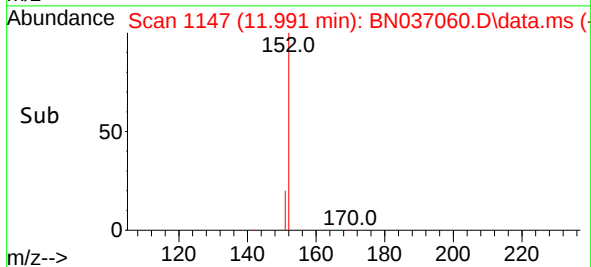
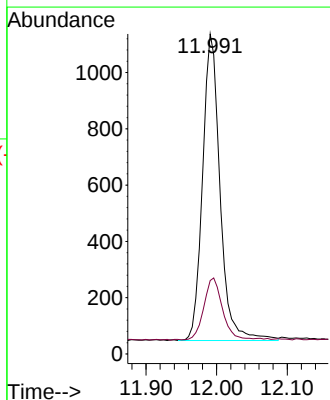
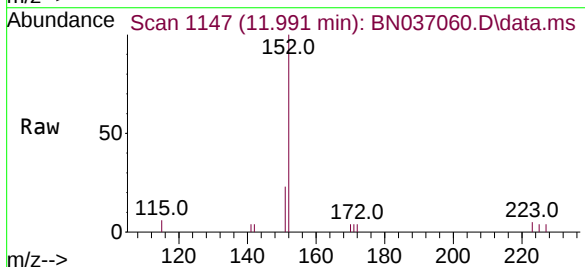
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515

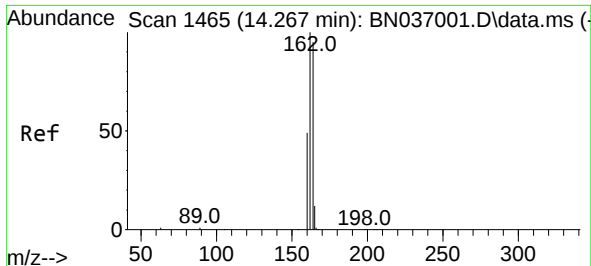
Tgt Ion:	82	Resp:	1445
Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.0	51.0
54	70.7	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.311 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

Tgt Ion:	152	Resp:	1873
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.5	26.3

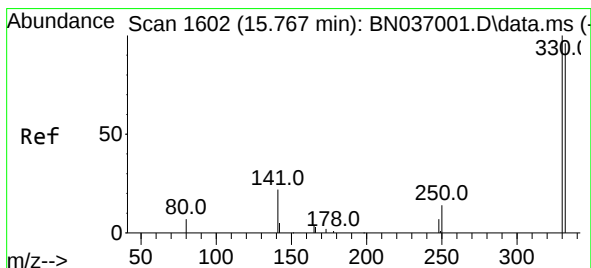
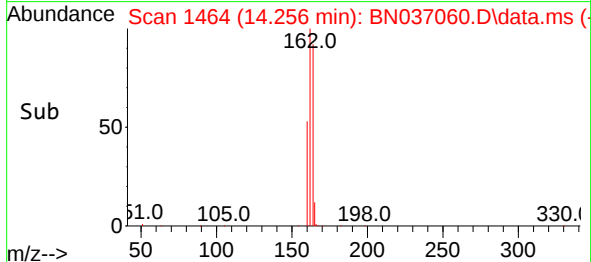
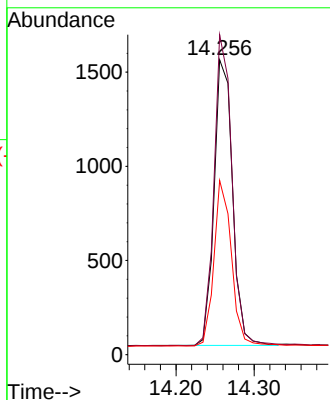
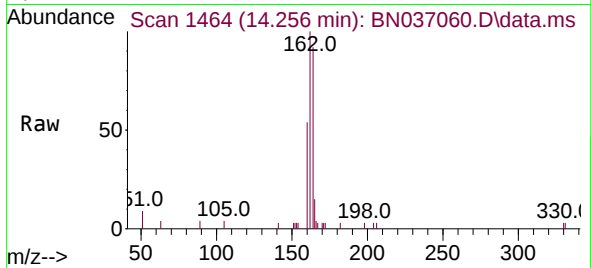




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

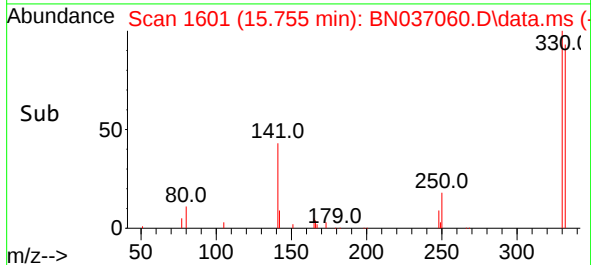
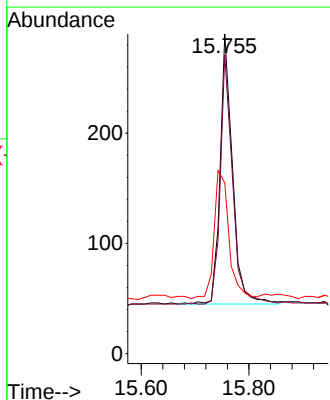
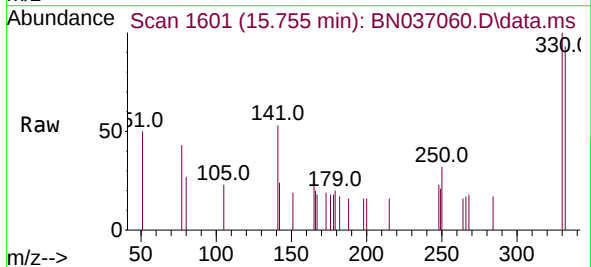
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ClientSampleId :
RW5-SP100-20250515

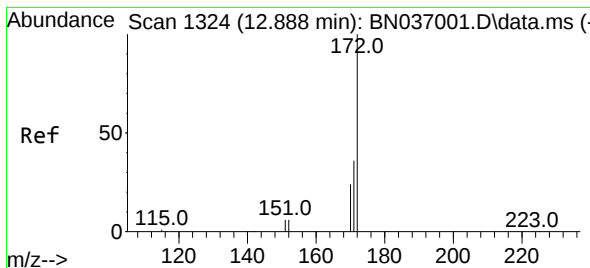
Tgt Ion:164 Resp: 2489
Ion Ratio Lower Upper
164 100
162 108.5 84.2 126.4
160 59.1 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:330 Resp: 395
Ion Ratio Lower Upper
330 100
332 91.9 73.8 110.8
141 57.0 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.295 ng

RT: 12.883 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037060.D

Acq: 20 May 2025 00:42

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250515

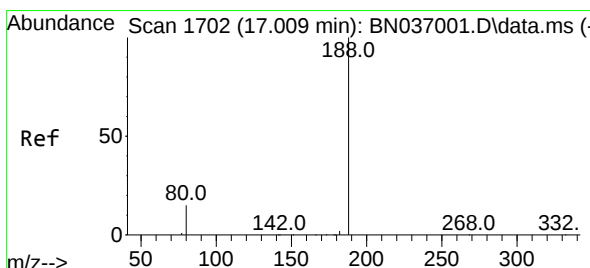
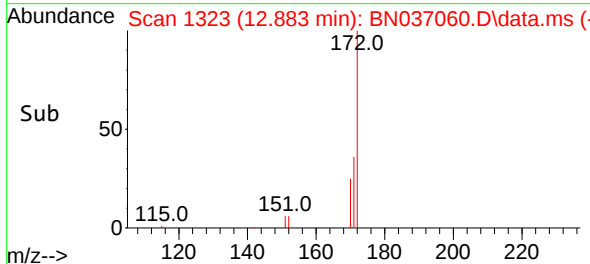
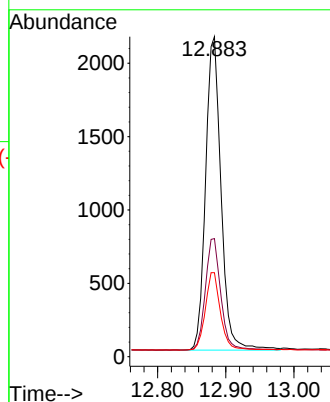
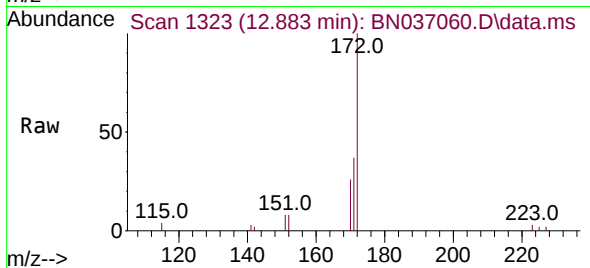
Tgt Ion:172 Resp: 3366

Ion Ratio Lower Upper

172 100

171 36.9 29.2 43.8

170 26.3 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: BN037060.D

Acq: 20 May 2025 00:42

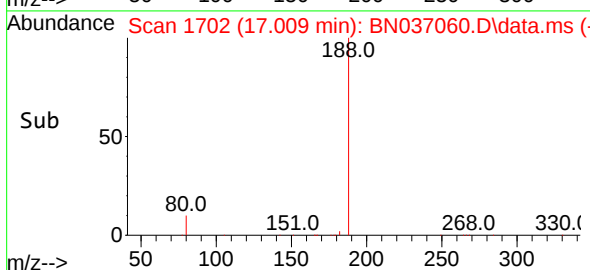
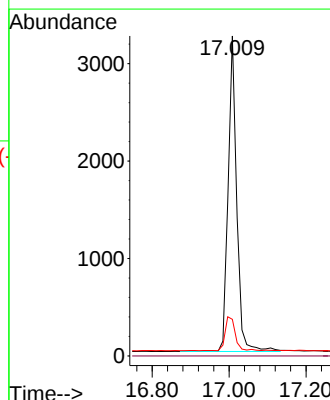
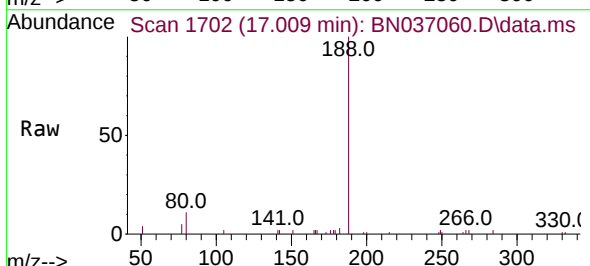
Tgt Ion:188 Resp: 5045

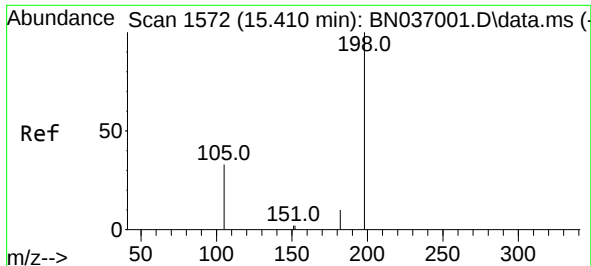
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 13.4 20.0#

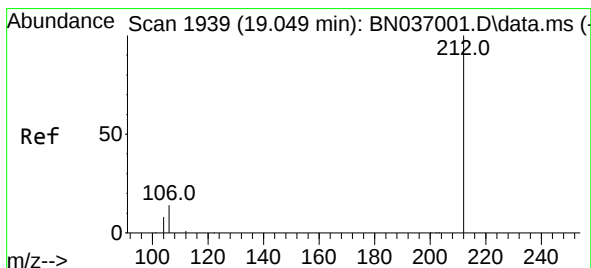
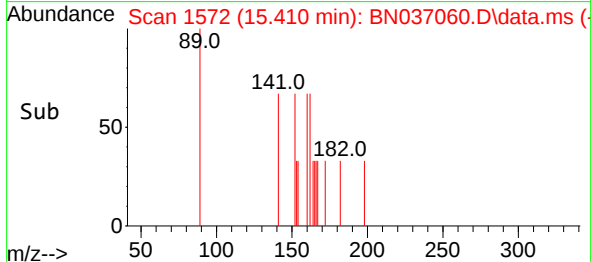
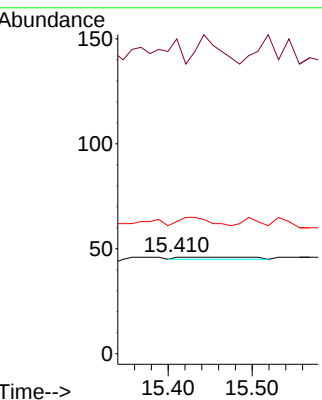
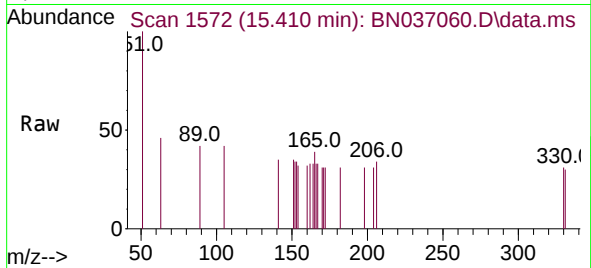




#20
4,6-Dinitro-2-methylphenol
Concen: 0.031 ng
RT: 15.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

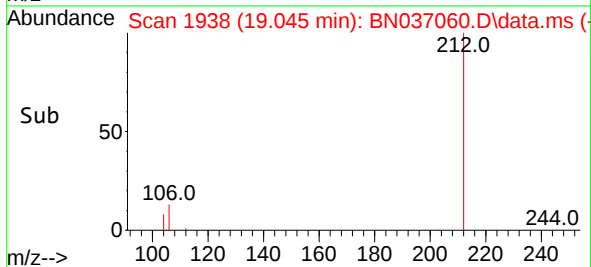
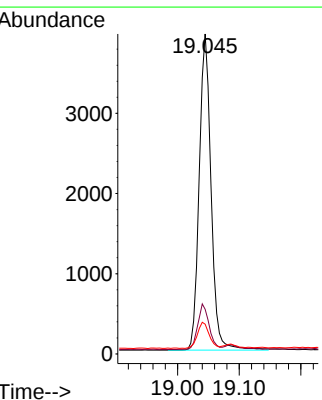
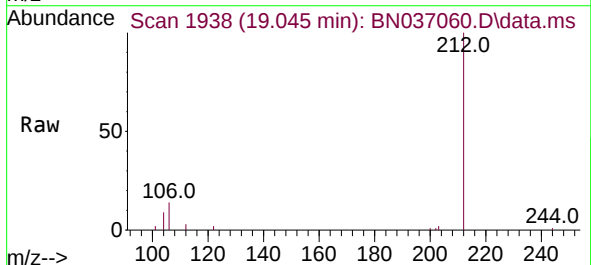
Instrument :
BNA_N
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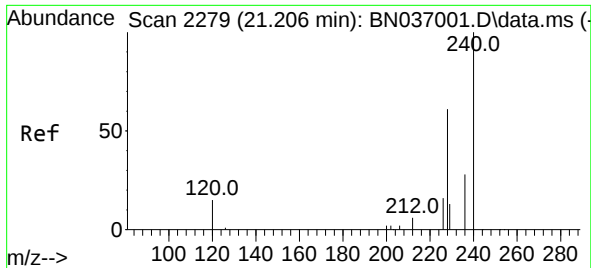
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 326.1 87.8 131.6#
105 137.0 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:212 Resp: 5248
Ion Ratio Lower Upper
212 100
106 13.9 11.3 16.9
104 8.2 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: BN037060.D

Acq: 20 May 2025 00:42

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250515

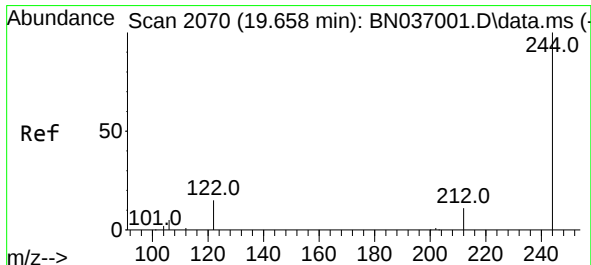
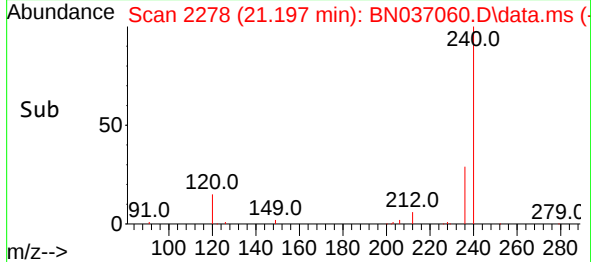
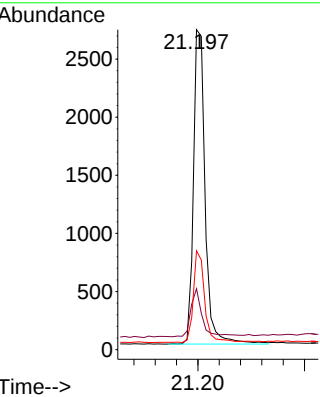
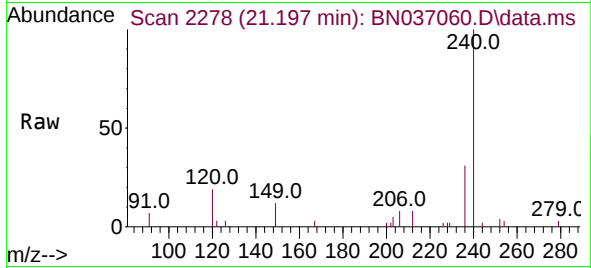
Tgt Ion:240 Resp: 4113

Ion Ratio Lower Upper

240 100

120 19.0 15.1 22.7

236 30.9 24.0 36.0



#31

Terphenyl-d14

Concen: 0.500 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037060.D

Acq: 20 May 2025 00:42

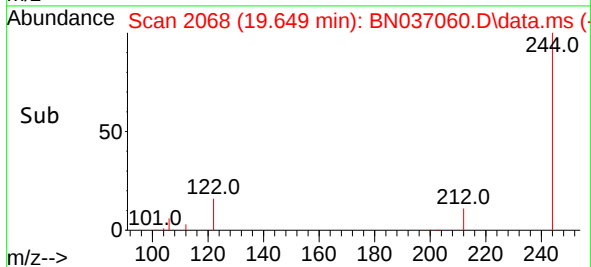
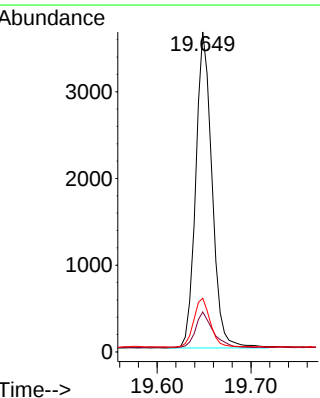
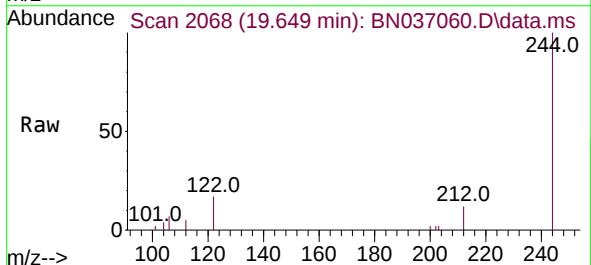
Tgt Ion:244 Resp: 4395

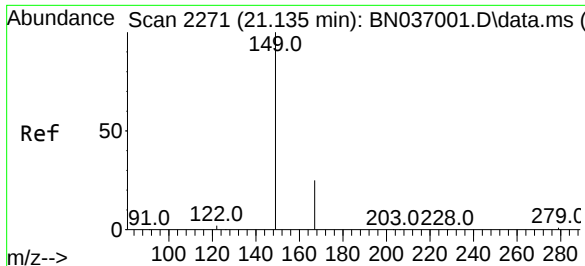
Ion Ratio Lower Upper

244 100

212 12.5 9.7 14.5

122 16.8 13.4 20.0

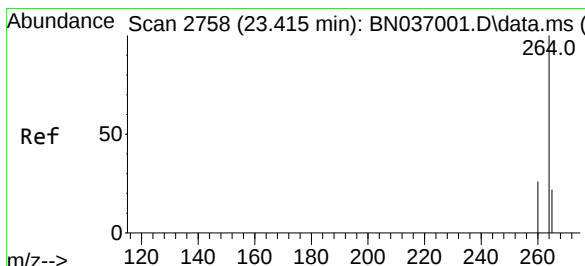
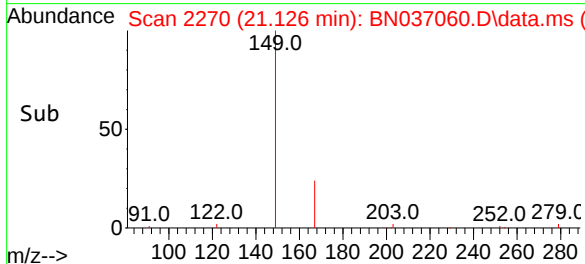
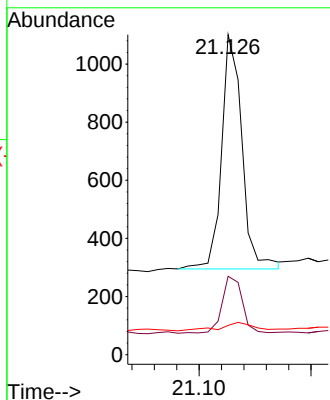
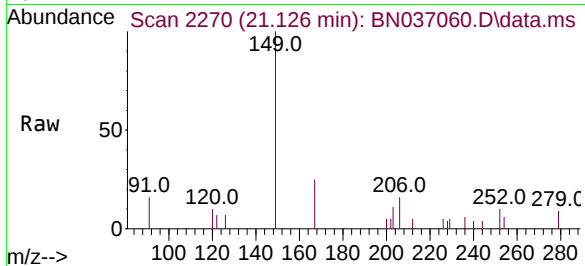




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515

Tgt Ion:149 Resp: 1021
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.6 30.8
 279 6.1 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.404 min Scan# 2754
 Delta R.T. -0.012 min
 Lab File: BN037060.D
 Acq: 20 May 2025 00:42

Tgt Ion:264 Resp: 3609
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.9 32.9
 265 69.2 51.6 77.4

