

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037054.D
 Acq On : 19 May 2025 20:28
 Operator : RC/JU
 Sample : Q2051-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250514

Quant Time: May 19 23:46:47 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)

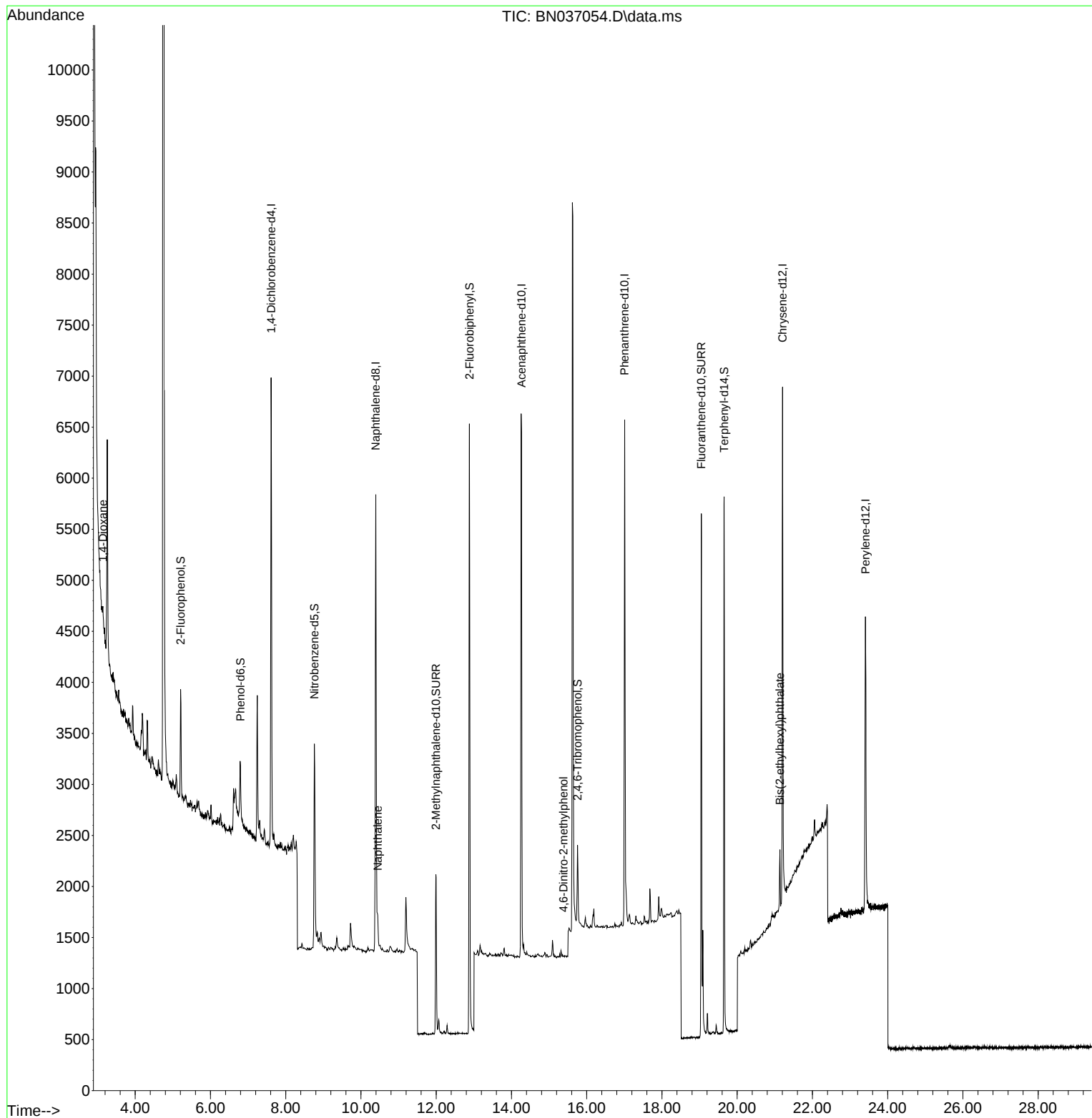
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2185	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5779	0.400	ng	-0.01
13) Acenaphthene-d10	14.266	164	3268	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6553	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4805	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	4011	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	746	0.130	ng	0.00
5) Phenol-d6	6.795	99	539	0.075	ng	0.00
8) Nitrobenzene-d5	8.760	82	1878	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2330	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	439	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	6126	0.409	ng	0.00
27) Fluoranthene-d10	19.045	212	5844	0.325	ng	0.00
31) Terphenyl-d14	19.653	244	5194	0.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	75	0.028	ng	# 1
9) Naphthalene	10.447	128	401	0.023	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.378	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	589	0.053	ng	# 97

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

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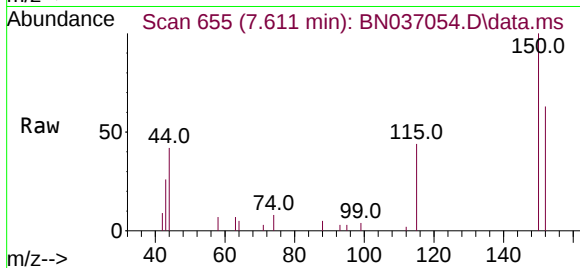
Quant Time: May 19 23:46:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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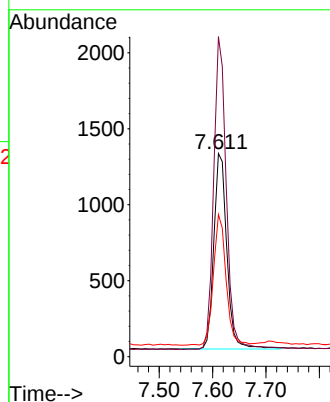
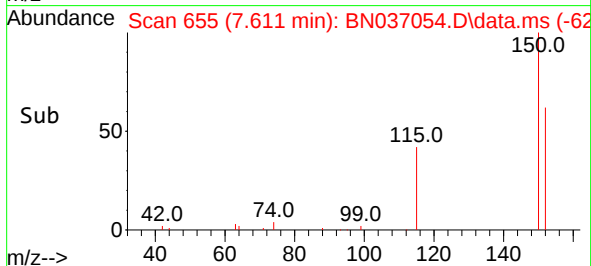


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037054.D
 Acq: 19 May 2025 20:28

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250514

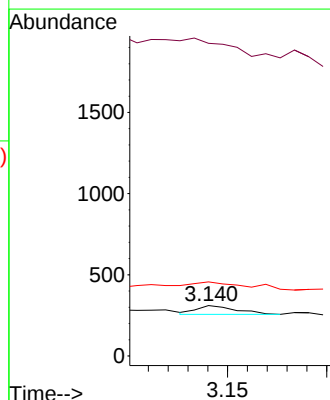
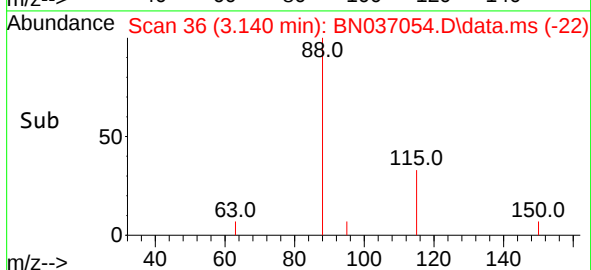
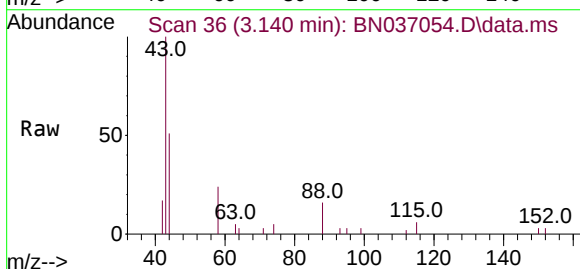


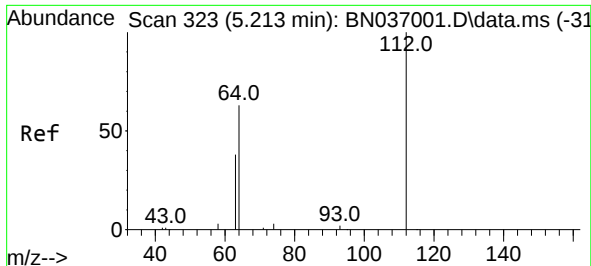
Tgt Ion:152 Resp: 2185
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.9 185.9
 115 69.9 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037054.D
 Acq: 19 May 2025 20:28

Tgt Ion: 88 Resp: 75
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.0#
 58 201.3 68.8 103.2#





#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250514

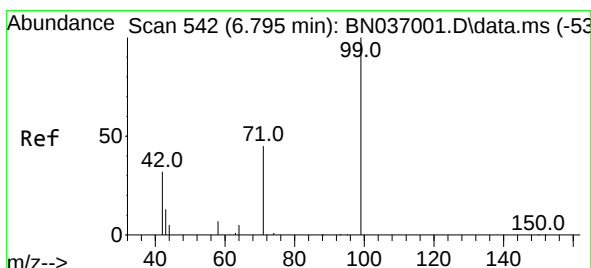
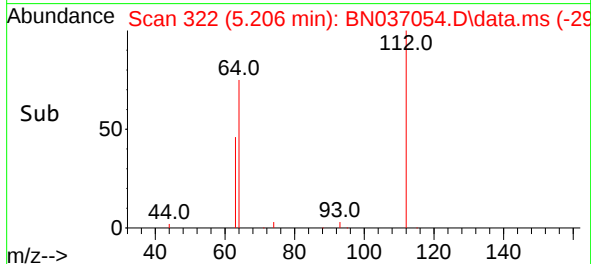
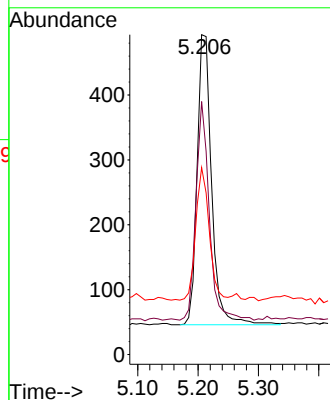
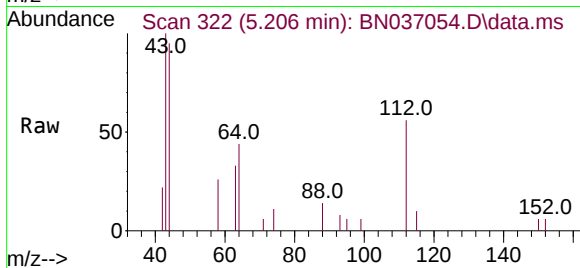
Tgt Ion:112 Resp: 746

Ion Ratio Lower Upper

112 100

64 69.0 55.7 83.5

63 42.0 34.6 51.8



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.795 min Scan# 542

Delta R.T. -0.000 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

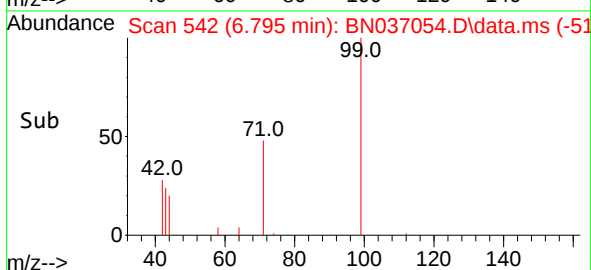
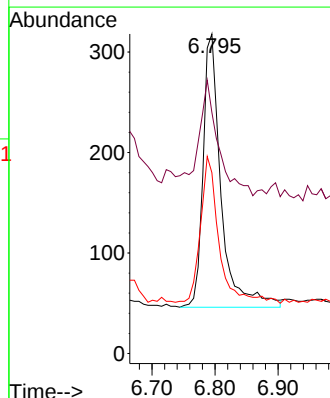
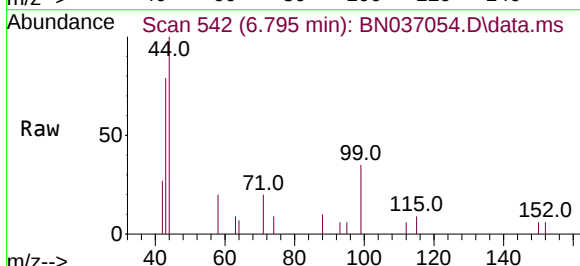
Tgt Ion: 99 Resp: 539

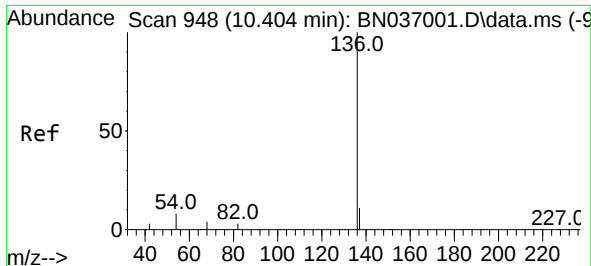
Ion Ratio Lower Upper

99 100

42 43.8 29.3 43.9

71 55.5 35.7 53.5#

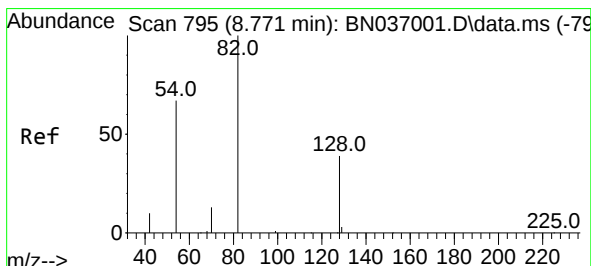
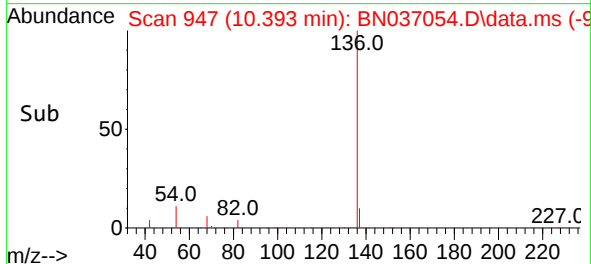
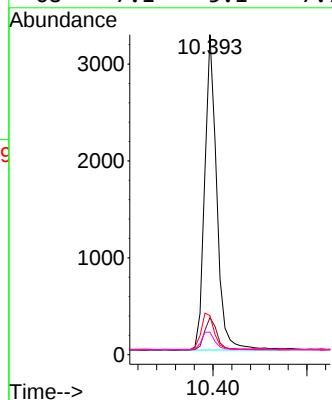
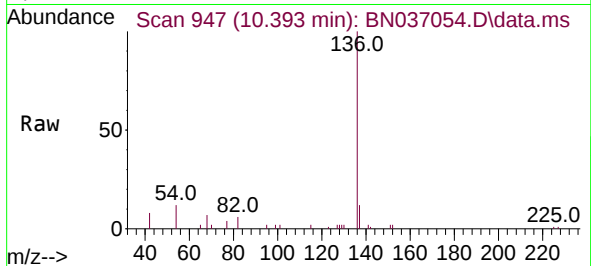




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

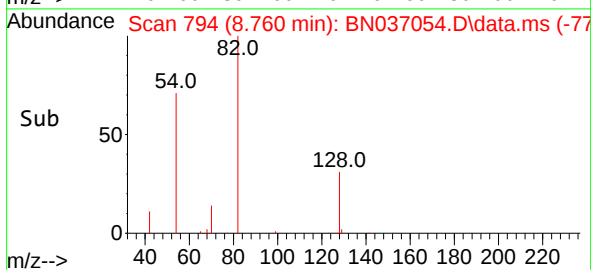
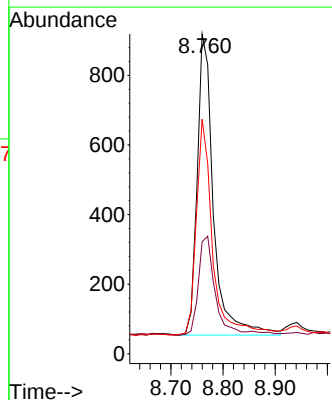
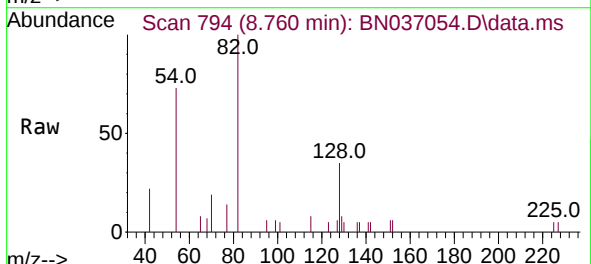
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

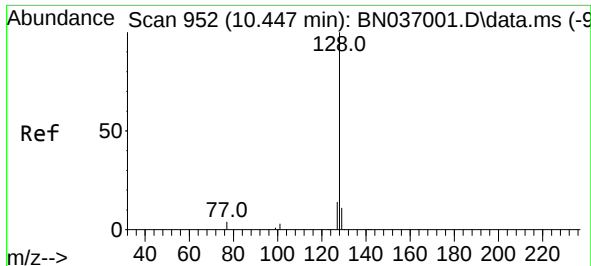
Tgt Ion:	136	Resp:	5779
Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.4	15.6
54	12.2	8.5	12.7
68	7.1	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:	82	Resp:	1878
Ion	Ratio	Lower	Upper
82	100		
128	35.0	34.0	51.0
54	73.3	55.0	82.4

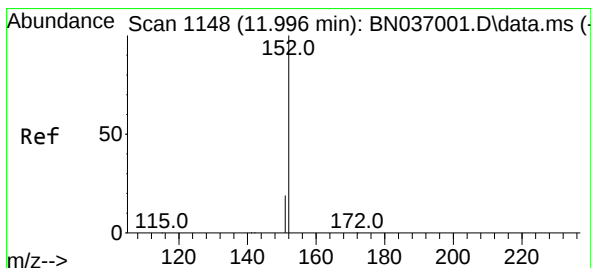
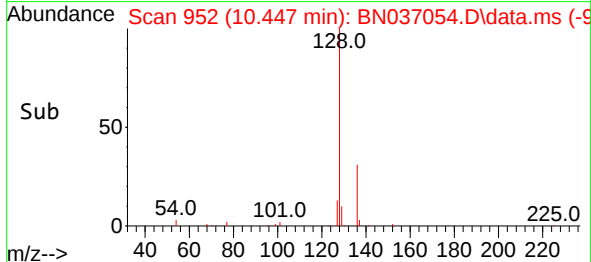
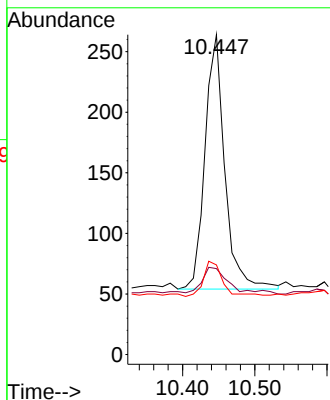
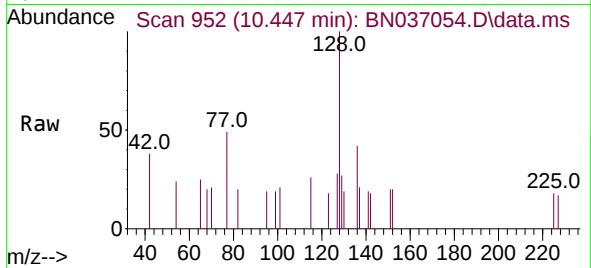




#9
Naphthalene
Concen: 0.023 ng
RT: 10.447 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

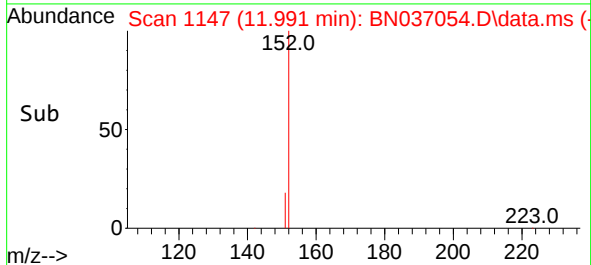
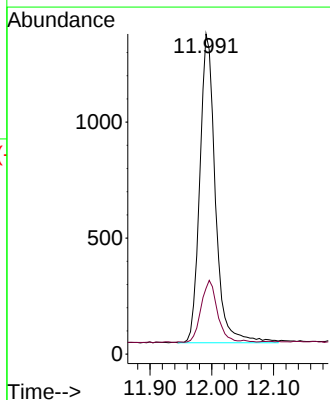
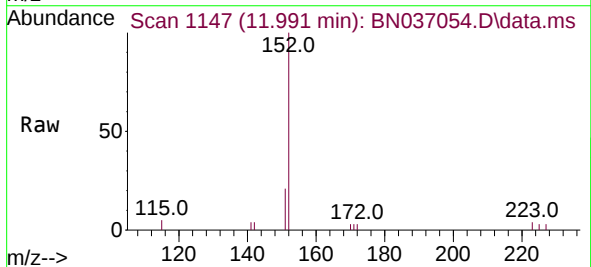
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

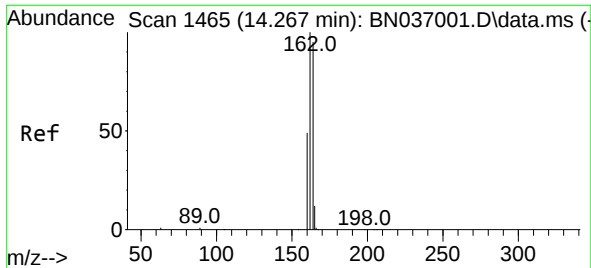
Tgt Ion:128 Resp: 401
Ion Ratio Lower Upper
128 100
129 26.9 9.7 14.5#
127 28.0 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:152 Resp: 2330
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3

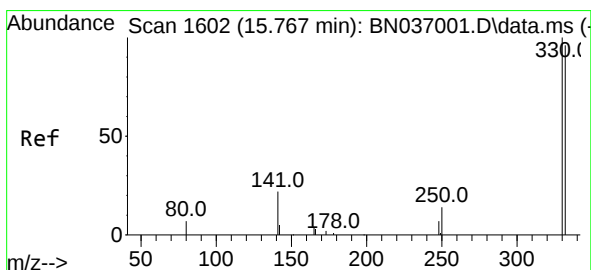
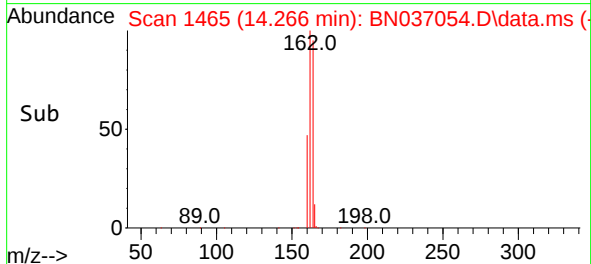
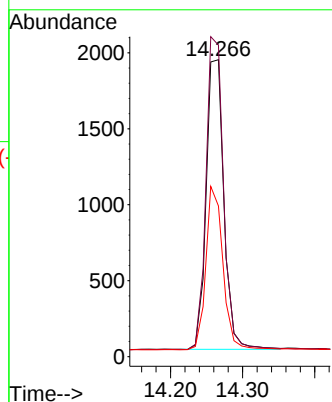
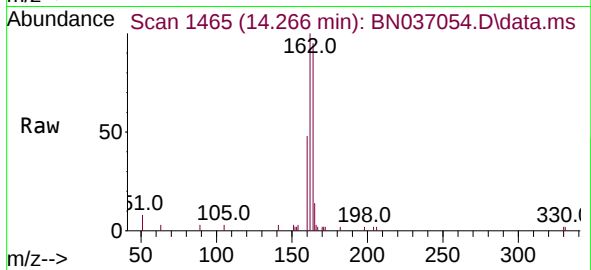




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

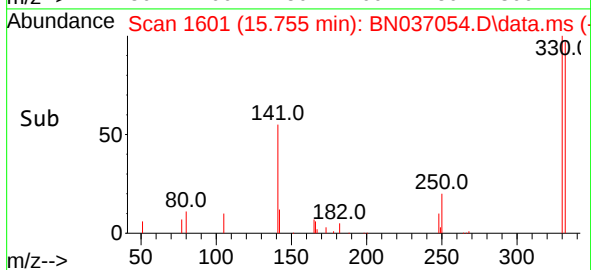
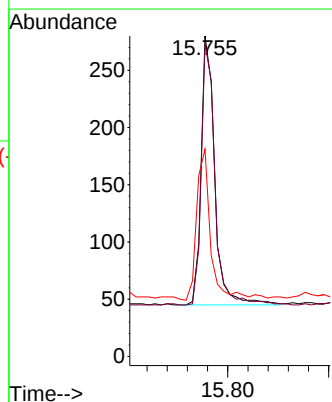
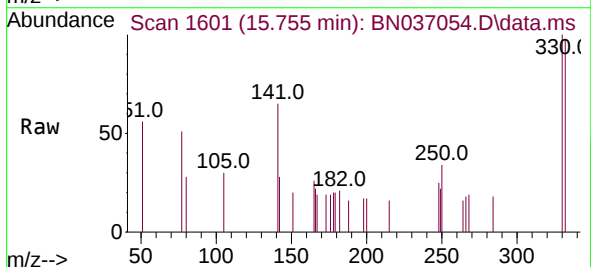
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

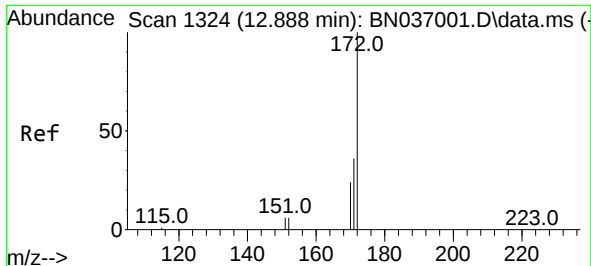
Tgt Ion:164 Resp: 3268
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 50.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:330 Resp: 439
Ion Ratio Lower Upper
330 100
332 97.9 73.8 110.8
141 55.6 43.9 65.9

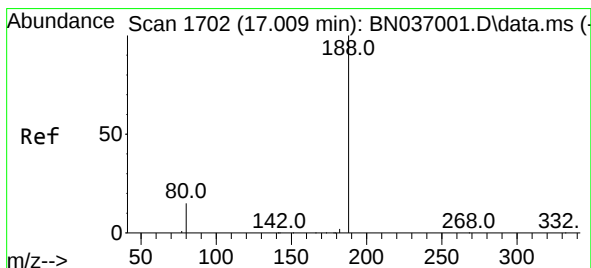
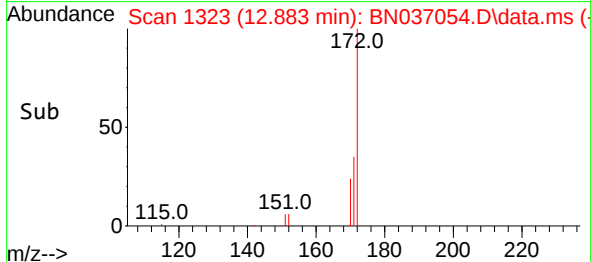
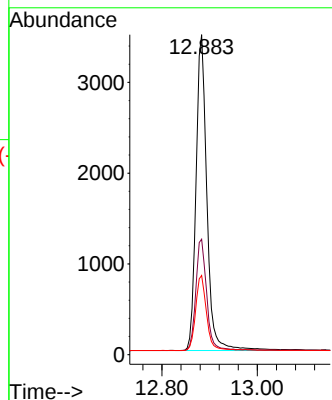
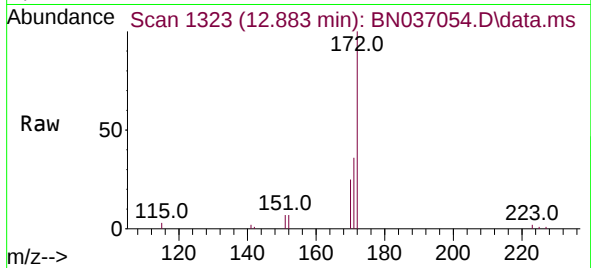




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

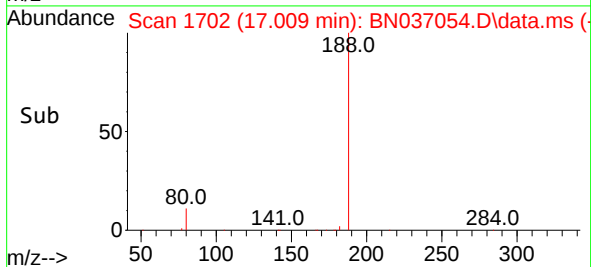
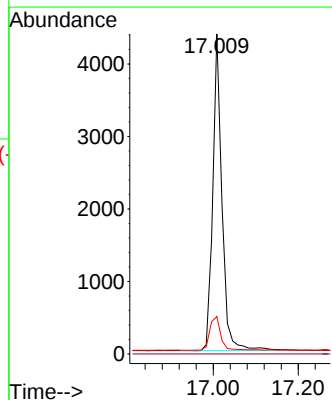
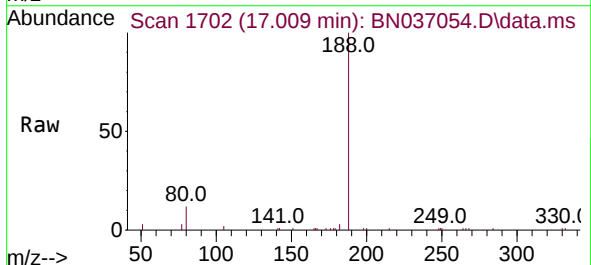
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BNA_N
ClientSampleId :
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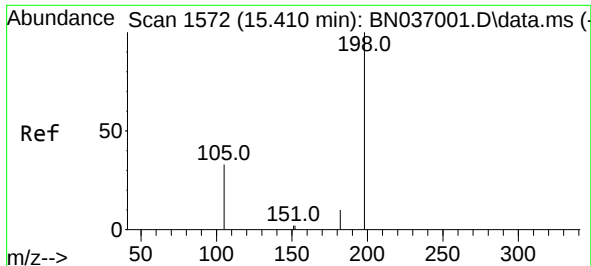
Tgt Ion:172 Resp: 6126
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.8 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:188 Resp: 6553
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 13.4 20.0#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 15.378 min Scan# 1569

Delta R.T. -0.032 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250514

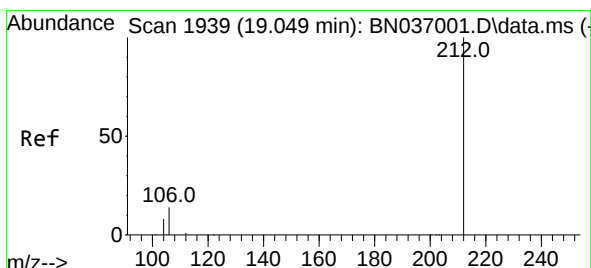
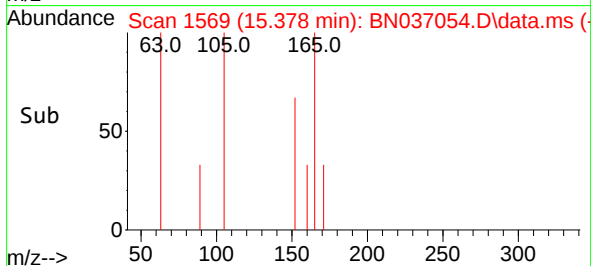
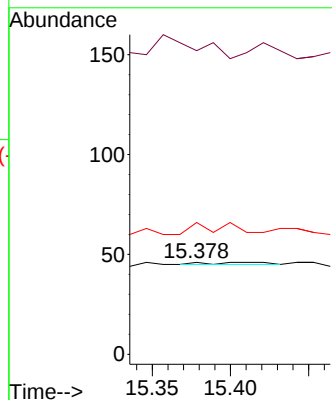
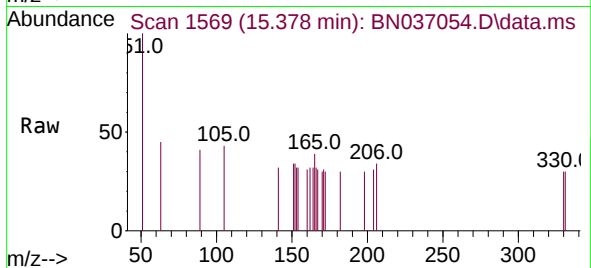
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

51 330.4 87.8 131.6#

105 143.5 44.2 66.4#



#27

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.045 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

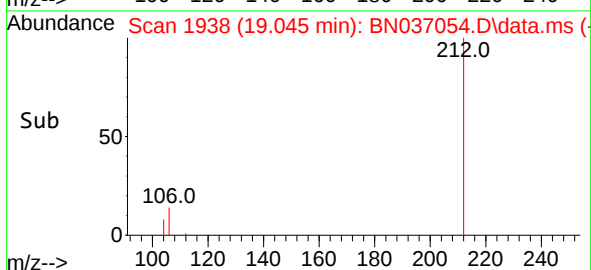
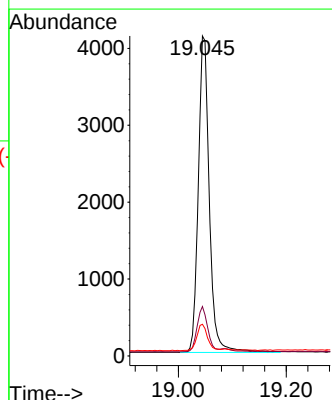
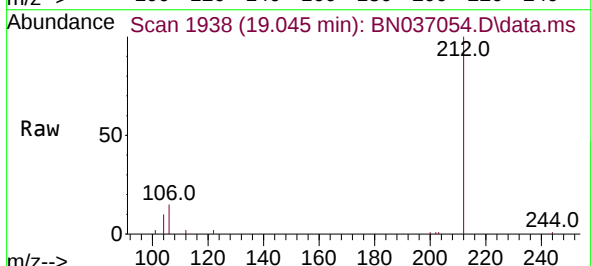
Tgt Ion:212 Resp: 5844

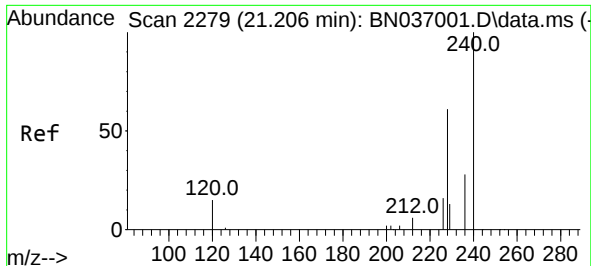
Ion Ratio Lower Upper

212 100

106 13.7 11.3 16.9

104 8.2 6.7 10.1

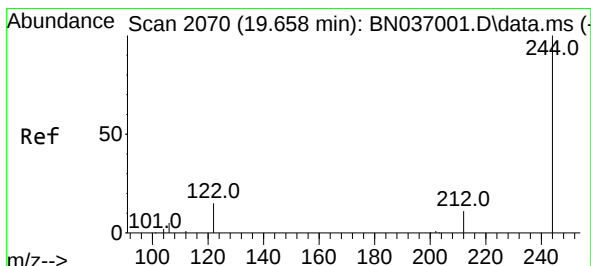
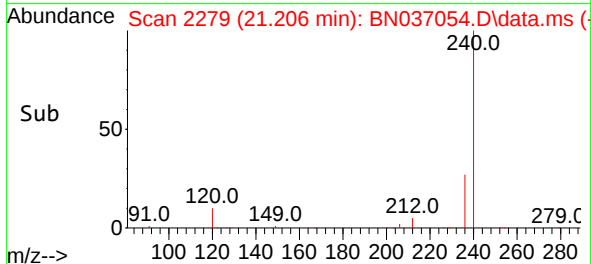
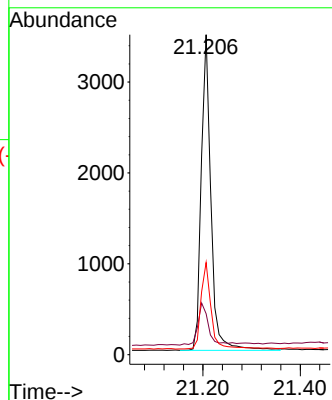
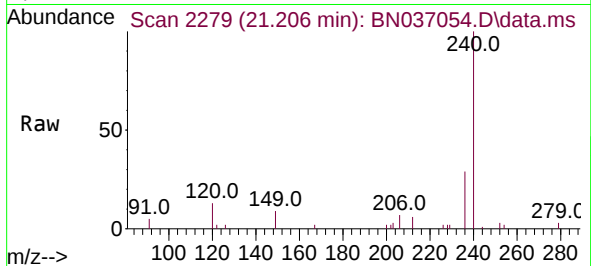




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

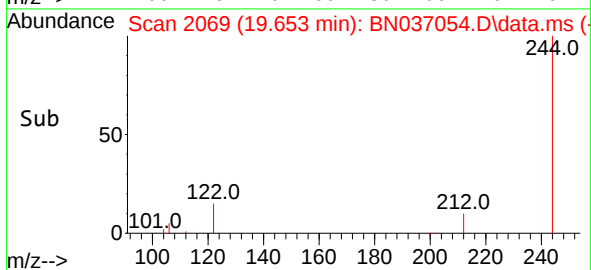
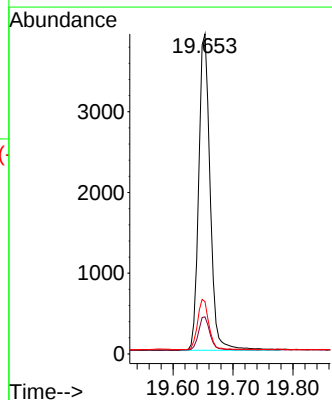
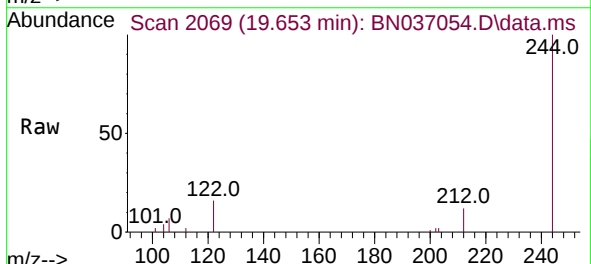
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

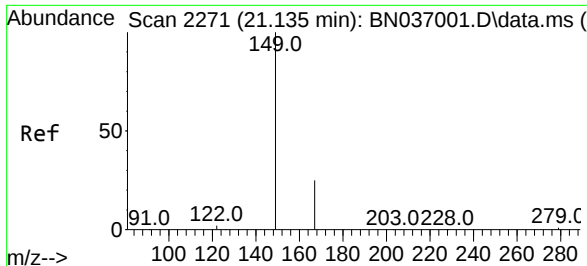
Tgt Ion:240 Resp: 4805
Ion Ratio Lower Upper
240 100
120 12.8 15.1 22.7#
236 28.8 24.0 36.0



#31
Terphenyl-d14
Concen: 0.505 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:244 Resp: 5194
Ion Ratio Lower Upper
244 100
212 11.6 9.7 14.5
122 16.4 13.4 20.0

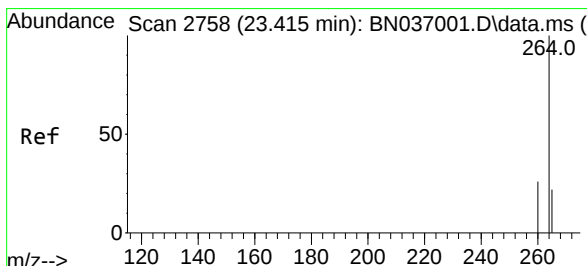
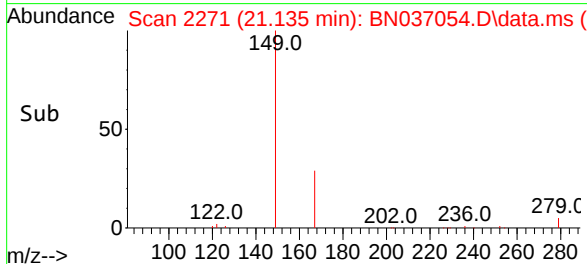
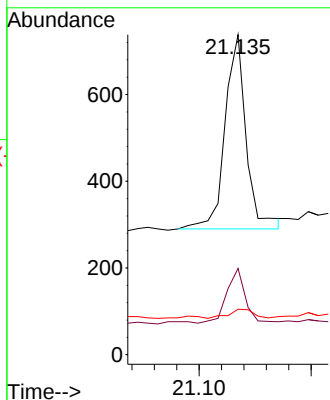
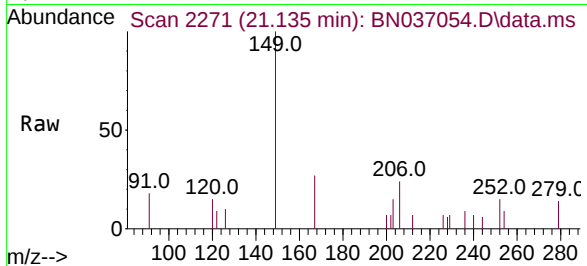




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.135 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

Tgt Ion:149 Resp: 589
Ion Ratio Lower Upper
149 100
167 24.6 20.6 30.8
279 5.4 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:264 Resp: 4011
Ion Ratio Lower Upper
264 100
260 27.4 21.9 32.9
265 68.1 51.6 77.4

