

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034083.D
 Acq On : 20 Sep 2024 12:40
 Operator : JU/RC
 Sample : P3972-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240911

Quant Time: Sep 20 13:21:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

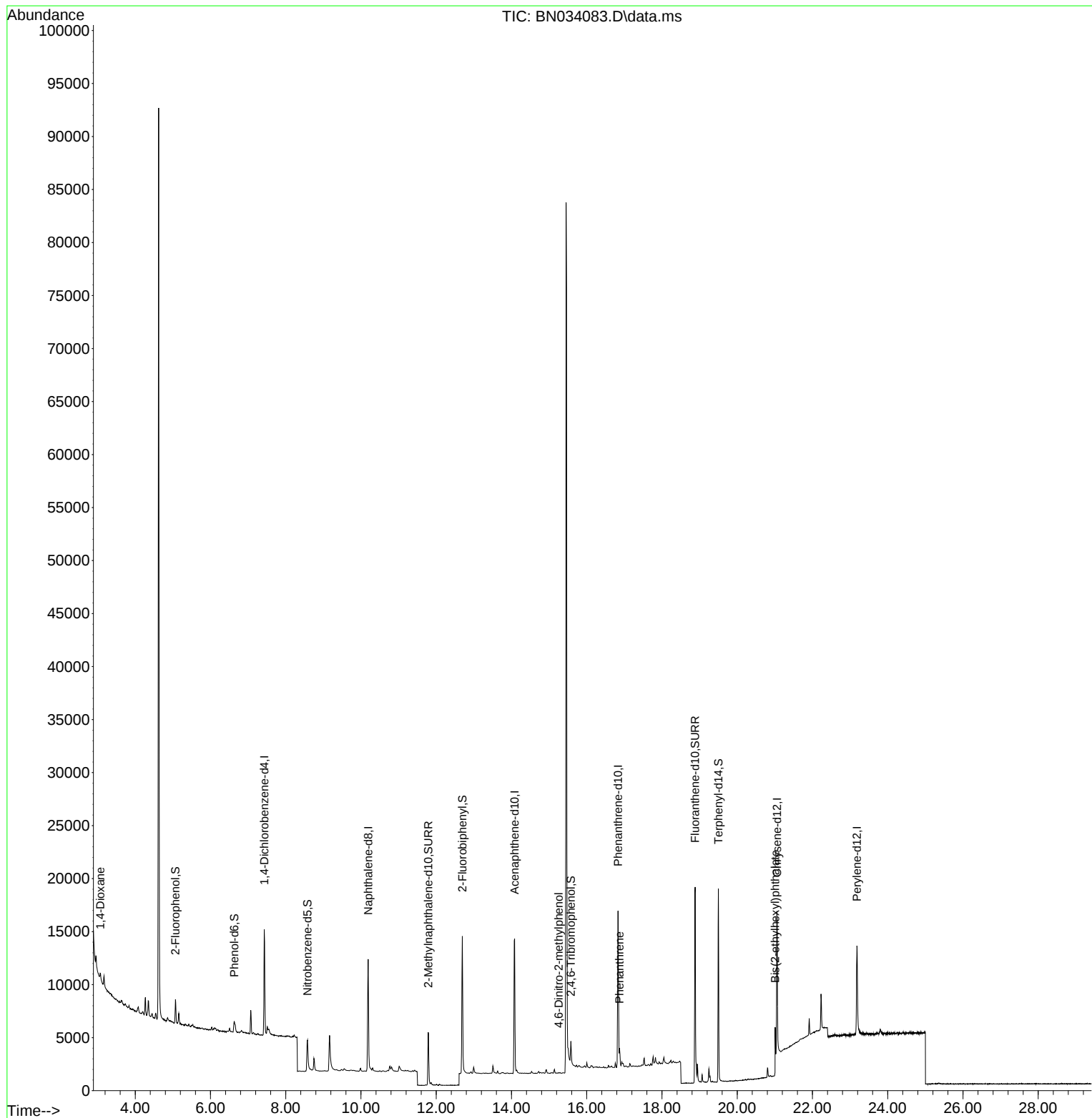
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4883	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14419	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	8133	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19113	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	14098	0.400	ng	# 0.00
35) Perylene-d12	23.183	264	11949	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1761	0.127	ng	0.00
5) Phenol-d6	6.629	99	1085	0.067	ng	0.00
8) Nitrobenzene-d5	8.578	82	3314	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	7383	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1153	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12013	0.363	ng	0.00
27) Fluoranthene-d10	18.880	212	20477	0.425	ng	0.00
31) Terphenyl-d14	19.498	244	16609	0.590	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	454	0.074	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.259	198	6	0.139	ng	# 1
25) Phenanthrene	16.870	178	1602	0.029	ng	98
34) Bis(2-ethylhexyl)phtha...	21.008	149	2838	0.153	ng	# 87

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

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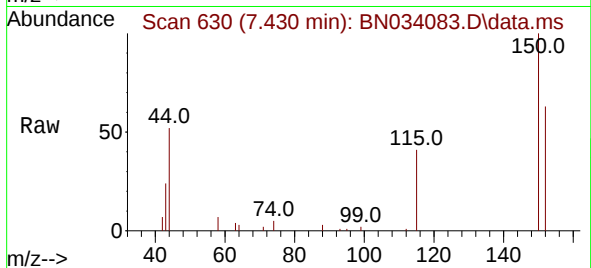
Quant Time: Sep 20 13:21:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



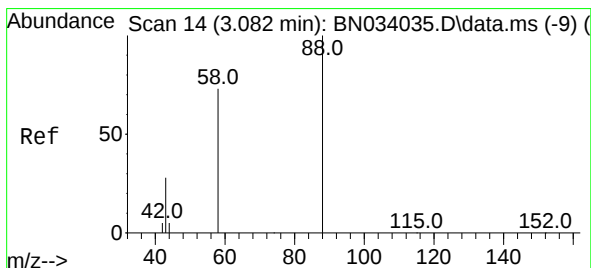
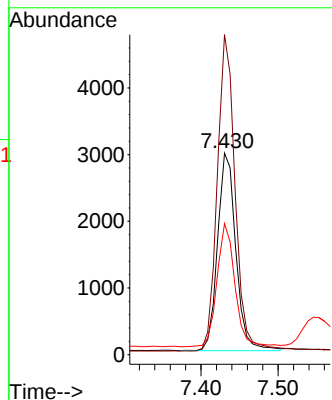
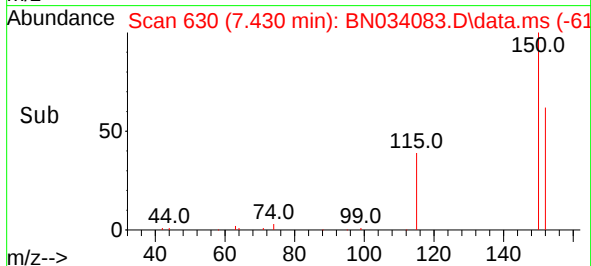


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

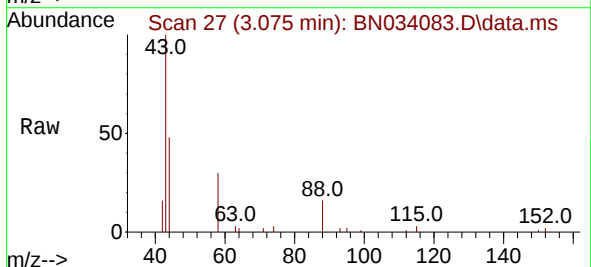
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240911



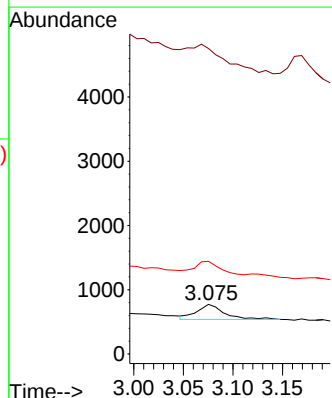
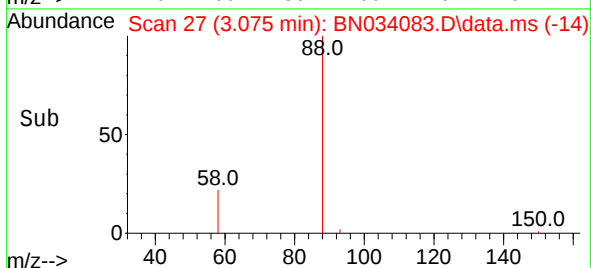
Tgt Ion:152 Resp: 4883
Ion Ratio Lower Upper
152 100
150 158.8 124.6 187.0
115 65.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.074 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40



Tgt Ion: 88 Resp: 454
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 79.3 58.8 88.2





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240911

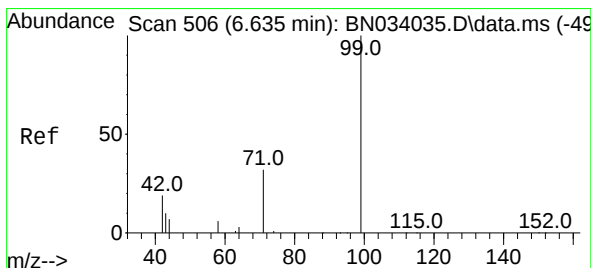
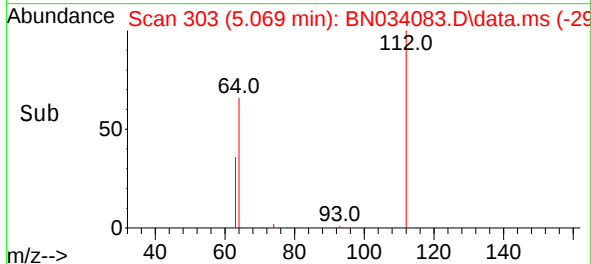
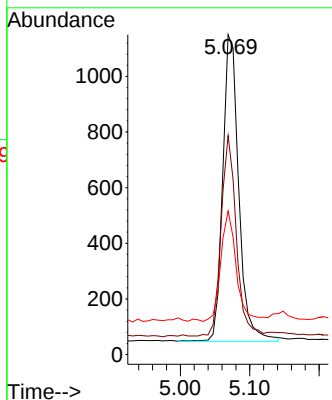
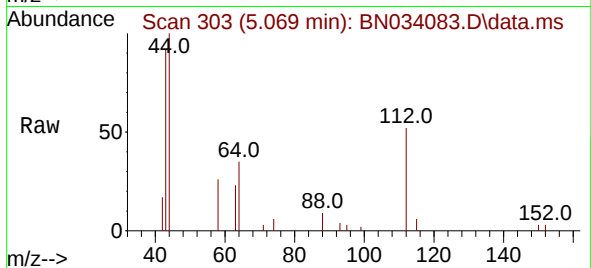
Tgt Ion:112 Resp: 1761

Ion Ratio Lower Upper

112 100

64 62.0 48.6 72.8

63 34.4 25.6 38.4



#5

Phenol-d6

Concen: 0.067 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

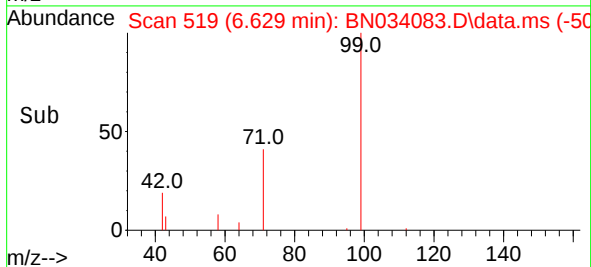
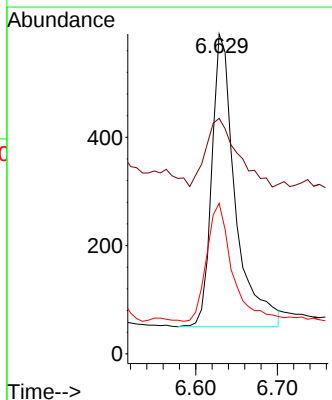
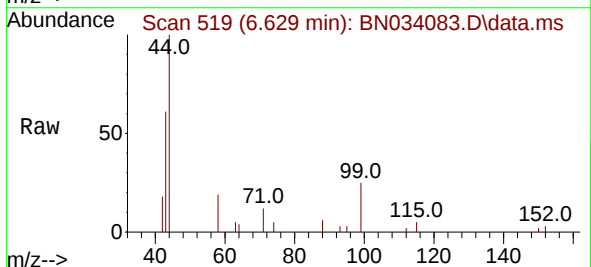
Tgt Ion: 99 Resp: 1085

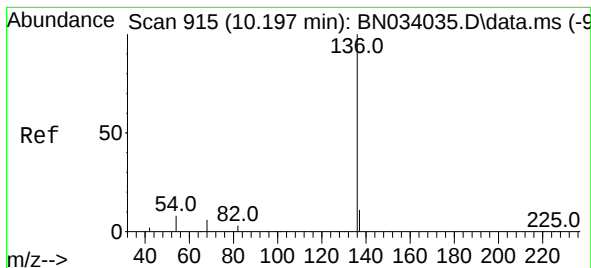
Ion Ratio Lower Upper

99 100

42 31.3 17.8 26.8#

71 43.7 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.191 min Scan# 915

Delta R.T. -0.006 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240911

Tgt Ion:136 Resp: 14419

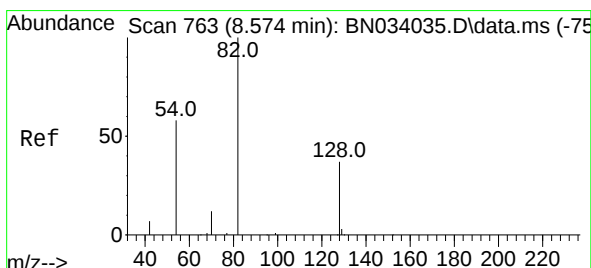
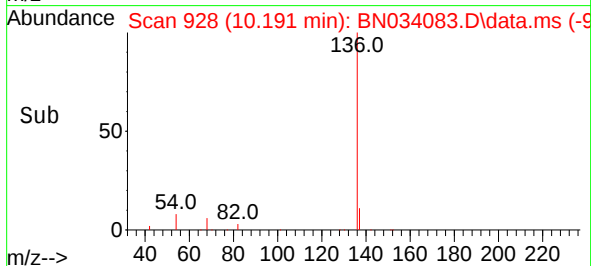
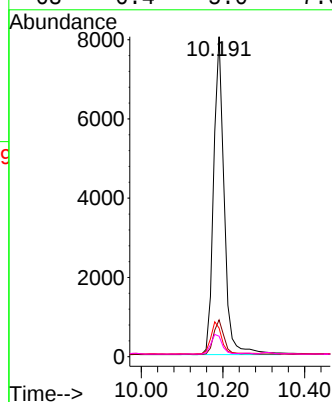
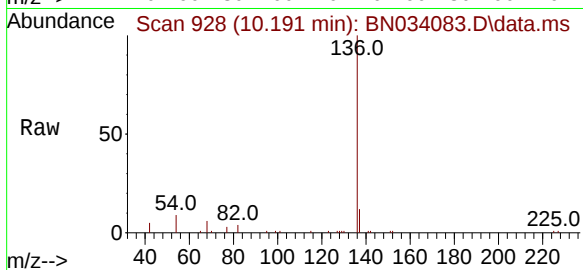
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 8.9 6.8 10.2

68 6.4 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 8.578 min Scan# 777

Delta R.T. 0.004 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

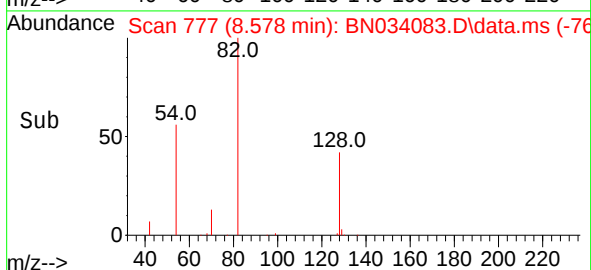
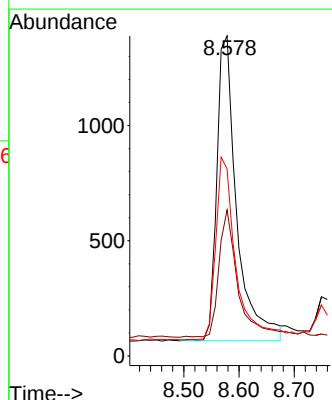
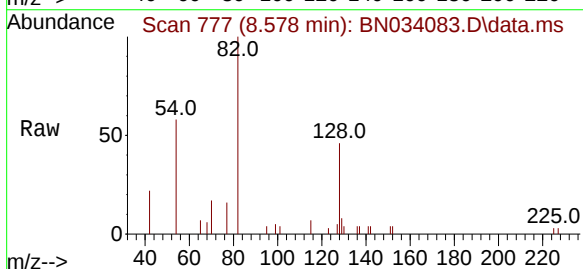
Tgt Ion: 82 Resp: 3314

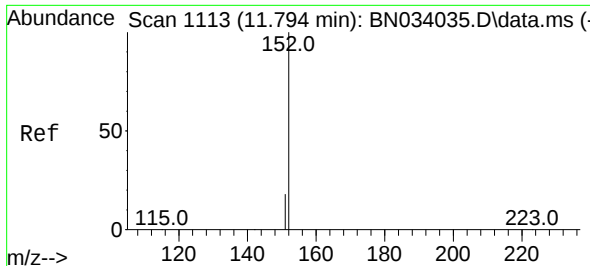
Ion Ratio Lower Upper

82 100

128 45.6 31.4 47.2

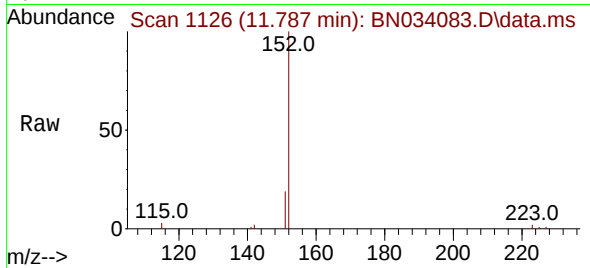
54 58.5 47.4 71.0



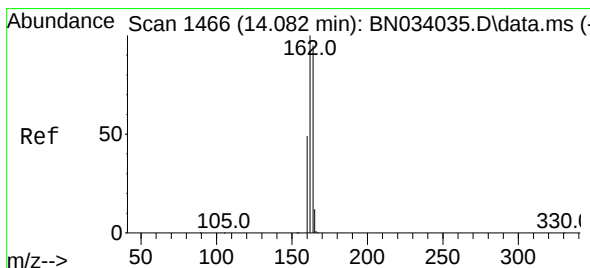
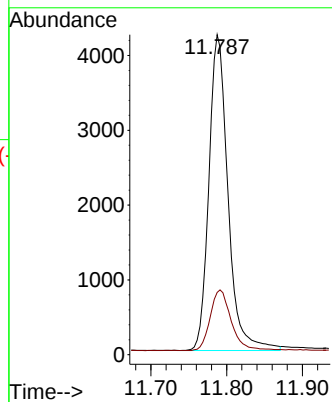
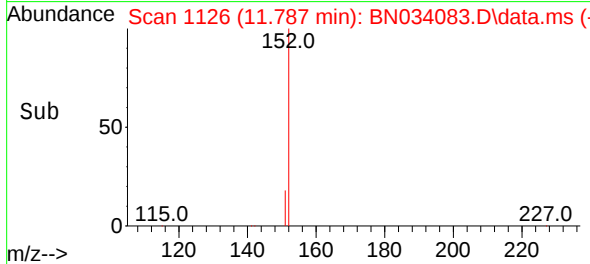


#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240911

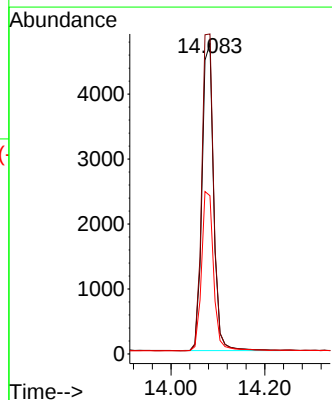
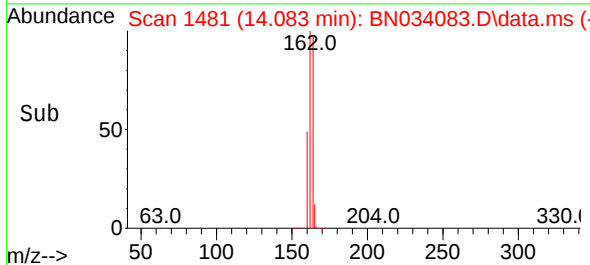
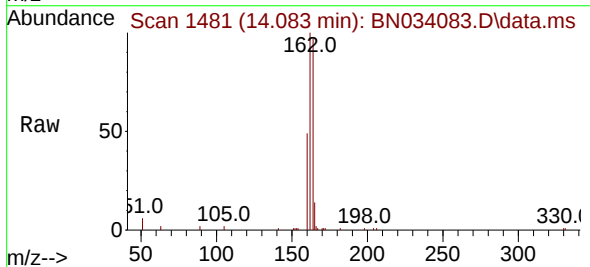


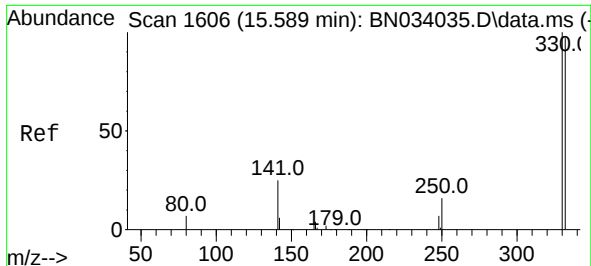
Tgt Ion:152 Resp: 7383
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1481
Delta R.T. 0.001 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

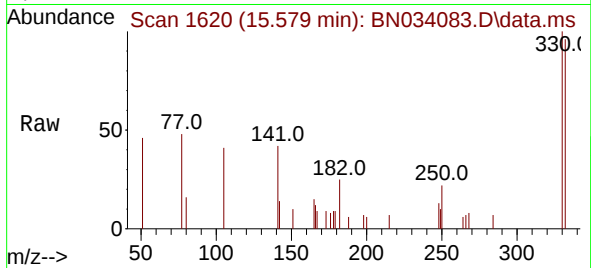
Tgt Ion:164 Resp: 8133
Ion Ratio Lower Upper
164 100
162 103.0 84.2 126.2
160 50.9 41.7 62.5



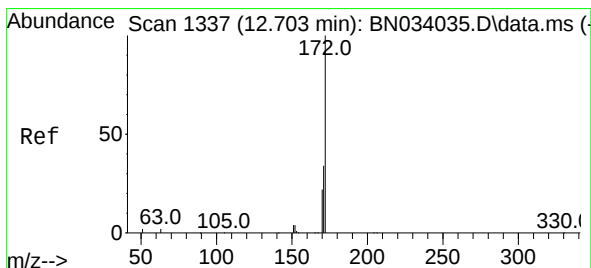
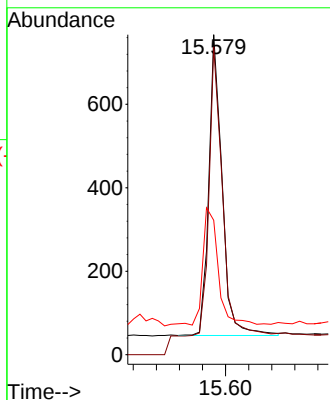
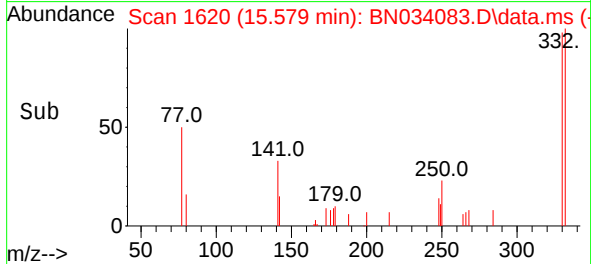


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.579 min Scan# 1153
Delta R.T. -0.009 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240911

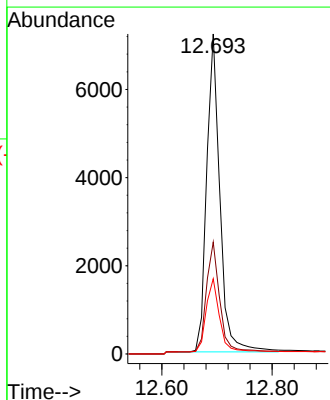
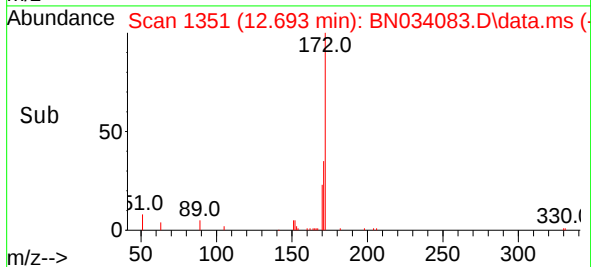
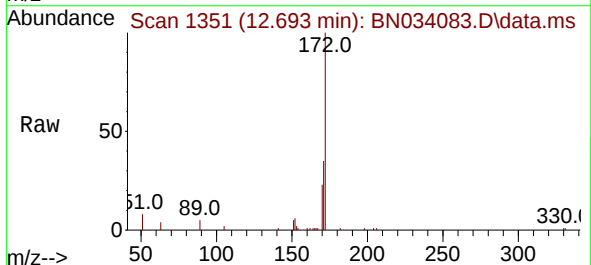


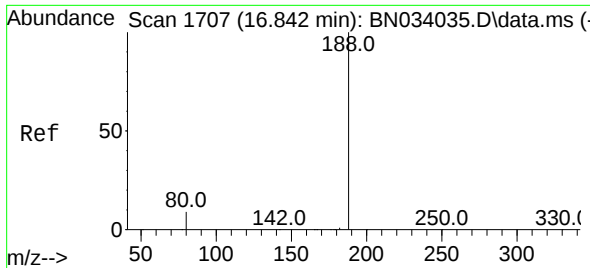
Tgt Ion:330 Resp: 1153
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 43.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

Tgt Ion:172 Resp: 12013
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.5 18.1 27.1

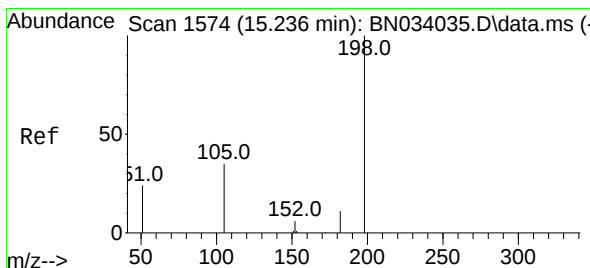
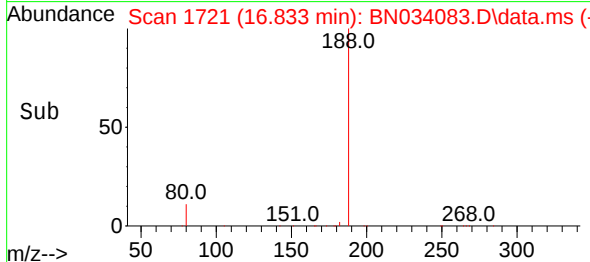
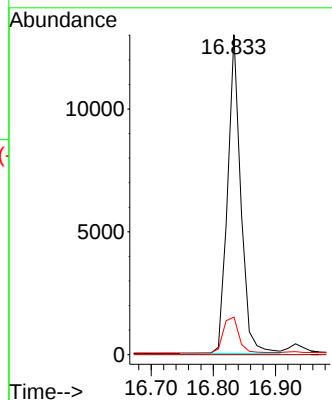
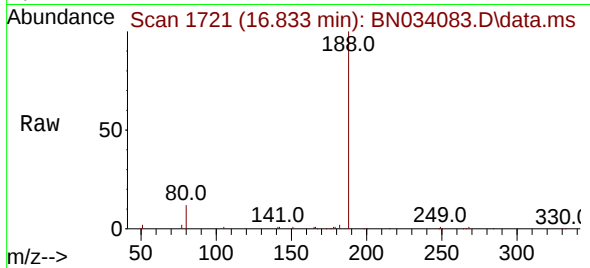




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

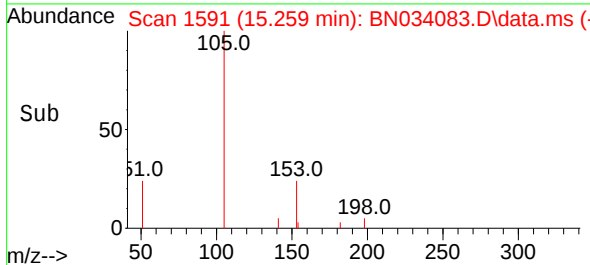
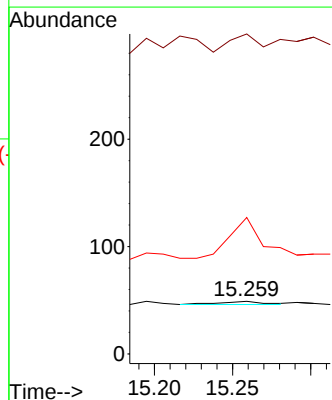
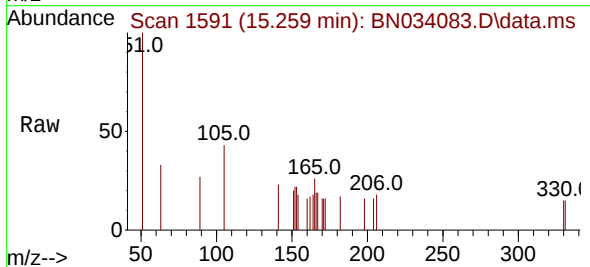
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240911

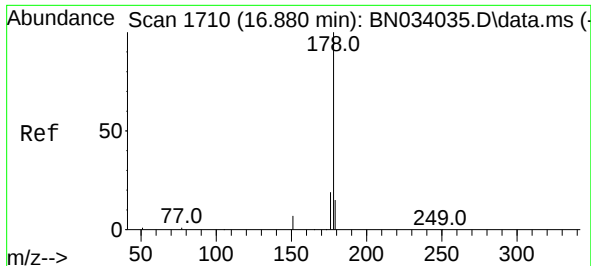
Tgt Ion:188 Resp: 19113
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.259 min Scan# 1591
Delta R.T. 0.023 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 608.2 106.4 159.6#
105 259.2 38.5 57.7#

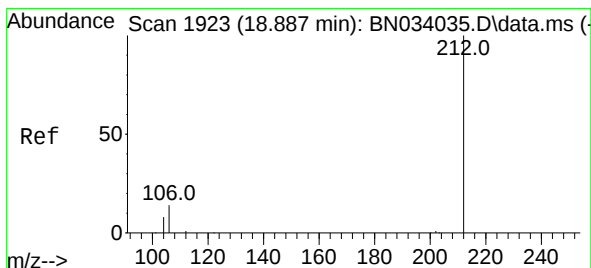
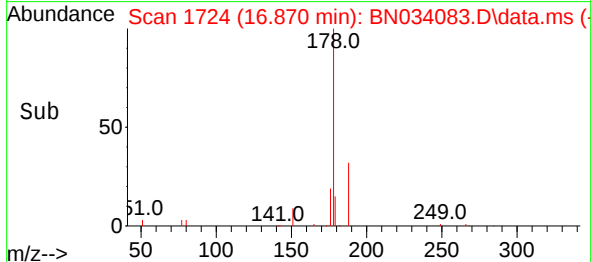
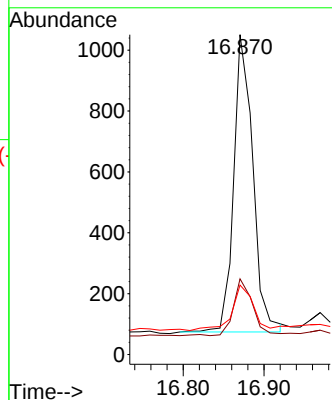
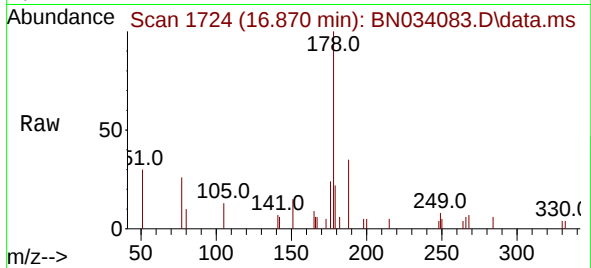




#25
Phenanthrene
Concen: 0.029 ng
RT: 16.870 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

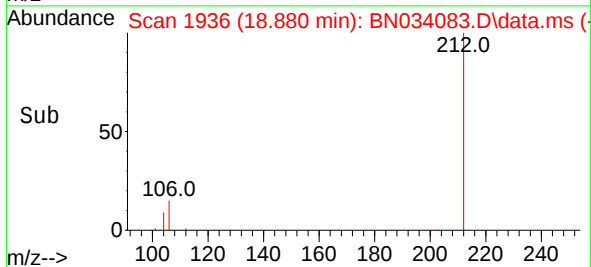
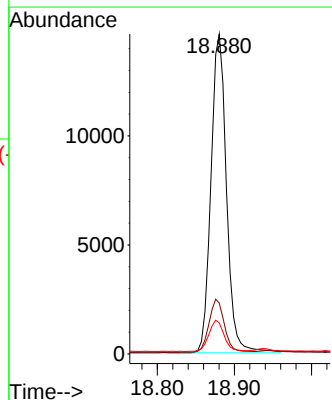
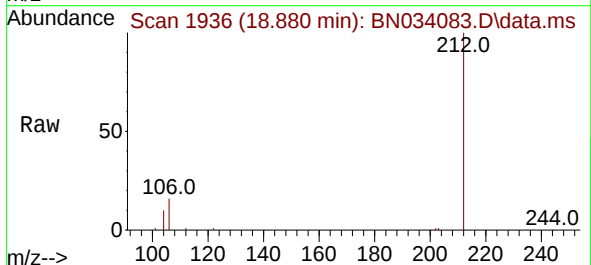
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240911

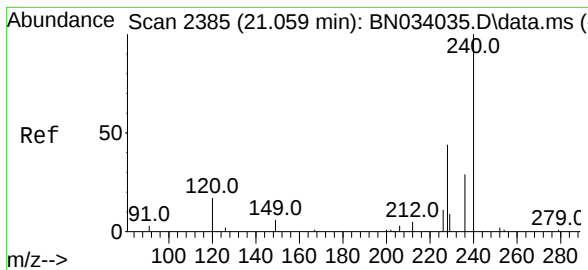
Tgt Ion:178 Resp: 1602
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.9 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.880 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034083.D
Acq: 20 Sep 2024 12:40

Tgt Ion:212 Resp: 20477
Ion Ratio Lower Upper
212 100
106 16.4 13.4 20.2
104 9.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240911

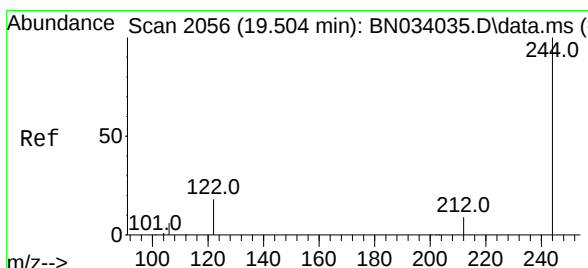
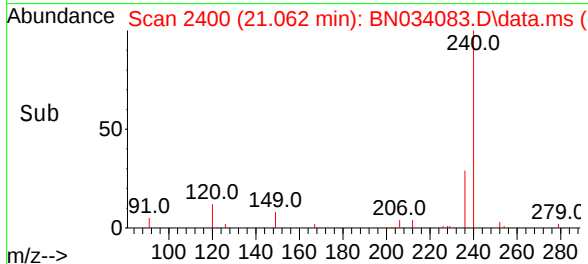
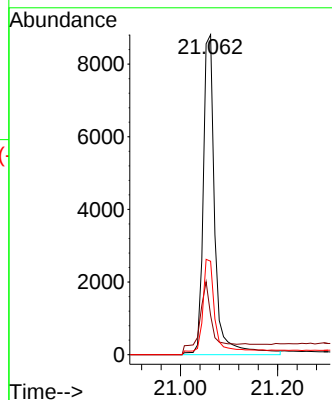
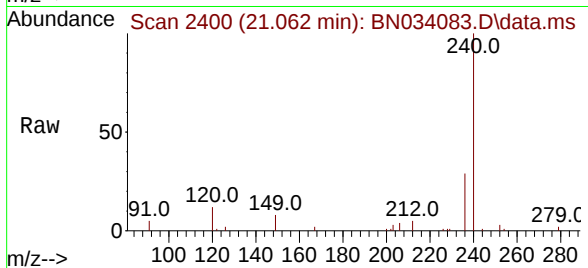
Tgt Ion:240 Resp: 14098

Ion Ratio Lower Upper

240 100

120 12.3 13.5 20.3#

236 29.2 23.4 35.0



#31

Terphenyl-d14

Concen: 0.590 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034083.D

Acq: 20 Sep 2024 12:40

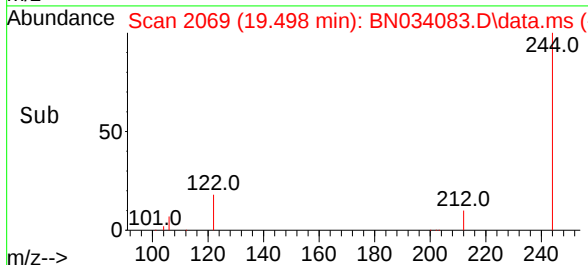
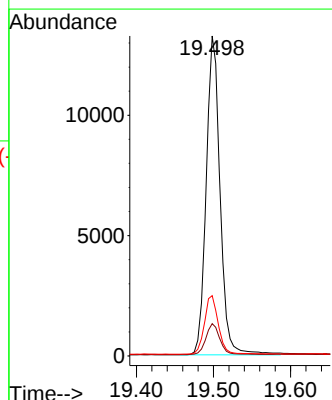
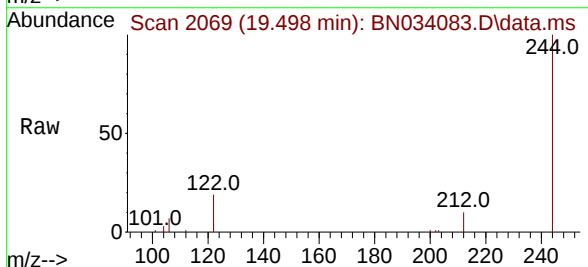
Tgt Ion:244 Resp: 16609

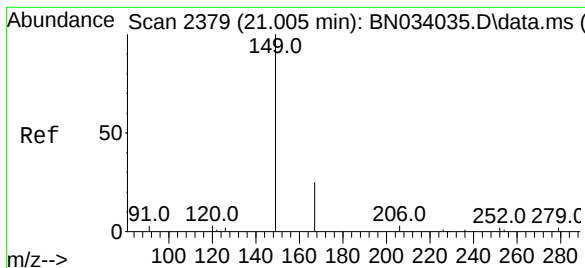
Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

122 18.9 14.8 22.2

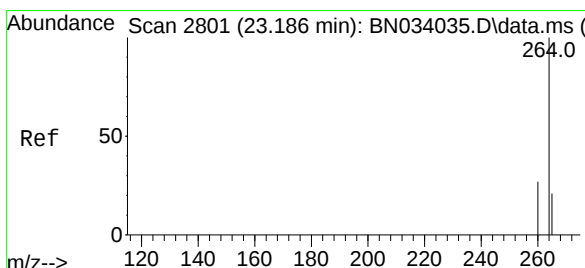
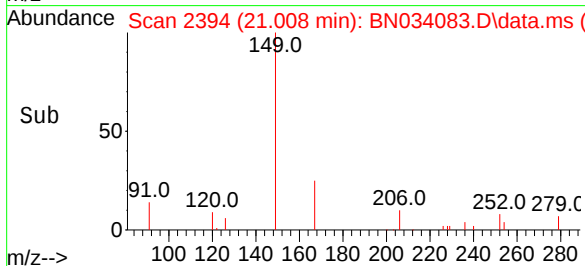
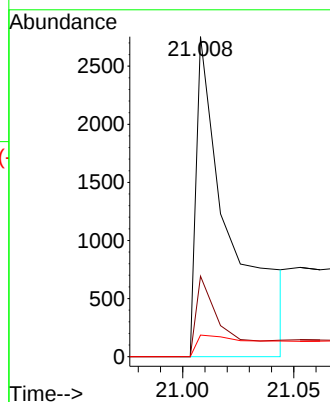
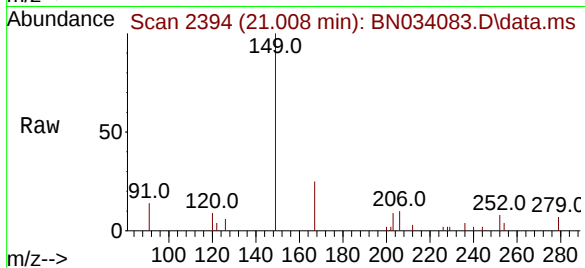




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.153 ng
 RT: 21.008 min Scan# 2100
 Delta R.T. 0.003 min
 Lab File: BN034083.D
 Acq: 20 Sep 2024 12:40

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240911

Tgt Ion:149 Resp: 2838
 Ion Ratio Lower Upper
 149 100
 167 19.0 19.9 29.9#
 279 12.1 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.183 min Scan# 2816
 Delta R.T. -0.003 min
 Lab File: BN034083.D
 Acq: 20 Sep 2024 12:40

Tgt Ion:264 Resp: 11949
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 76.7 52.1 78.1

