

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034509.D
 Acq On : 09 Oct 2024 18:01
 Operator : RC/JU
 Sample : P4231-04
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20240926

Quant Time: Oct 09 18:43:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

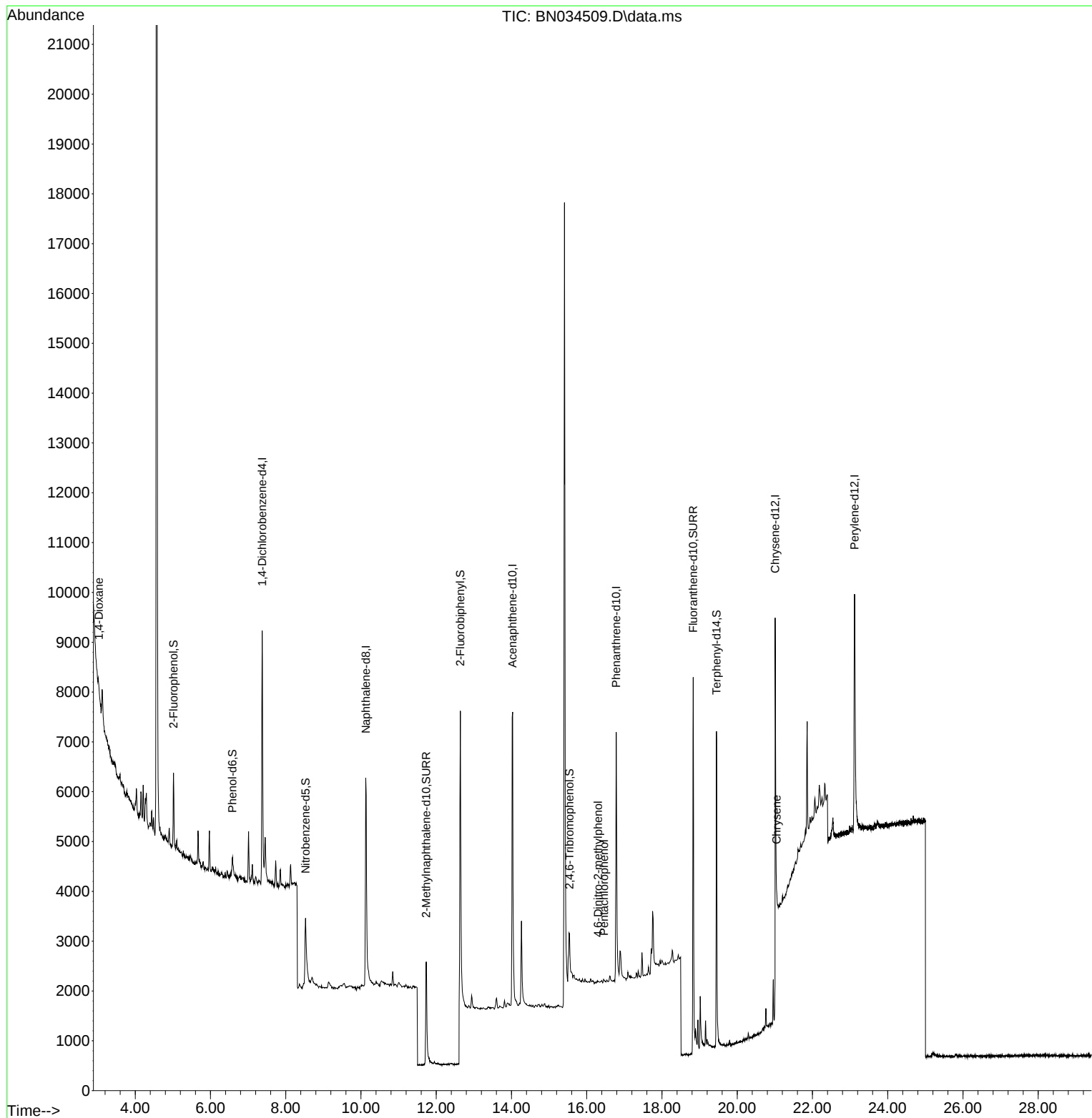
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	2807	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	7719	0.400	ng	#-0.02
13) Acenaphthene-d10	14.030	164	4369	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	8282	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	5935	0.400	ng	0.00
35) Perylene-d12	23.119	264	7217	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1194	0.150	ng	-0.01
5) Phenol-d6	6.586	99	619	0.067	ng	-0.01
8) Nitrobenzene-d5	8.525	82	1833	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	3955	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	632	0.319	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	6712	0.378	ng	-0.02
27) Fluoranthene-d10	18.829	212	9121	0.437	ng	-0.02
31) Terphenyl-d14	19.452	244	6702	0.565	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	197	0.056	ng	# 22
20) 4,6-Dinitro-2-methylph...	16.300	198	2	0.139	ng	# 1
24) Pentachlorophenol	16.461	266	65	0.038	ng	# 89
33) Chrysene	21.044	228	482	0.022	ng	# 16

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

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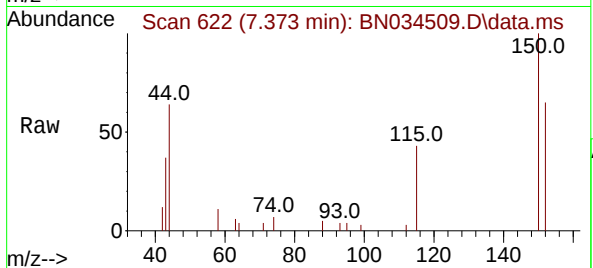
Quant Time: Oct 09 18:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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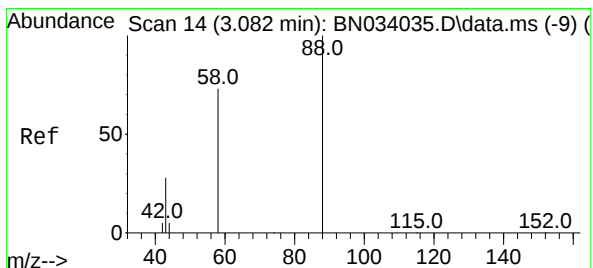
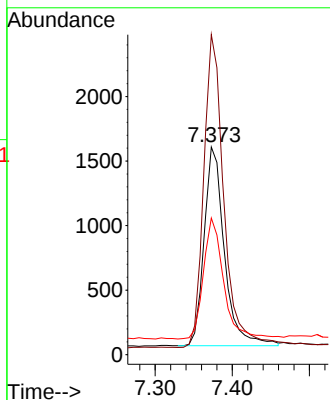
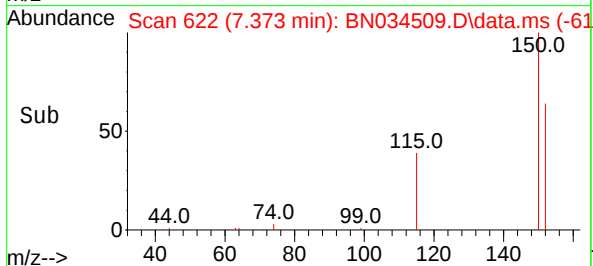


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

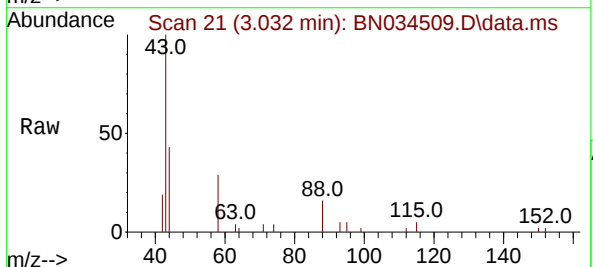
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20240926



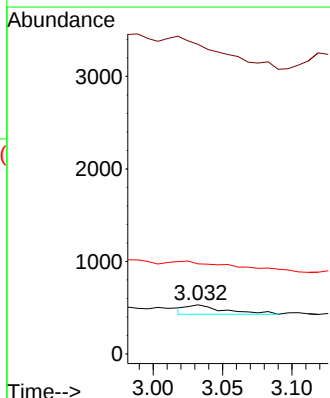
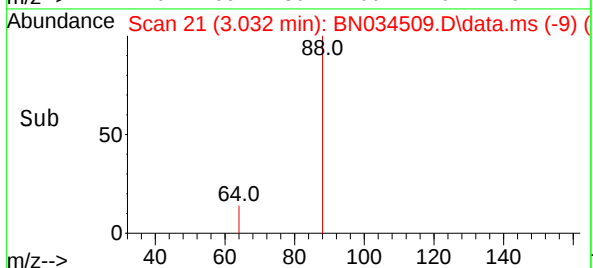
Tgt Ion:152 Resp: 2807
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 65.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01



Tgt Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 0.0 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.018 min Scan# 20

Delta R.T. -0.014 min

Lab File: BN034509.D

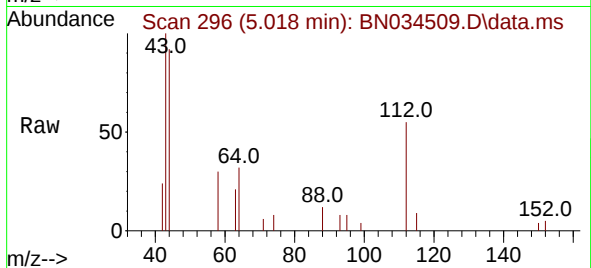
Acq: 09 Oct 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20240926



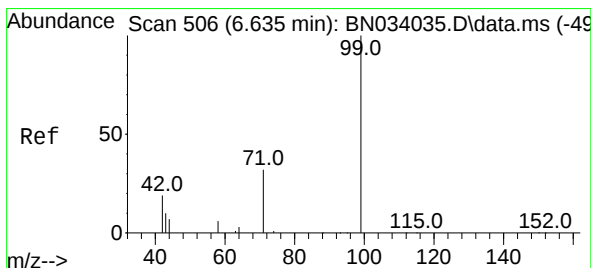
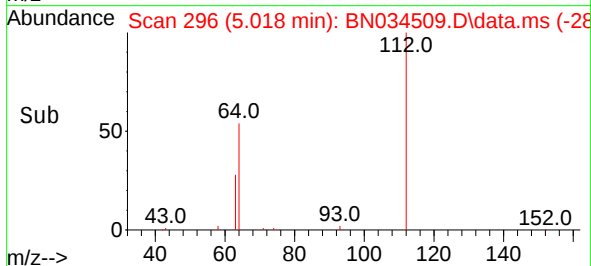
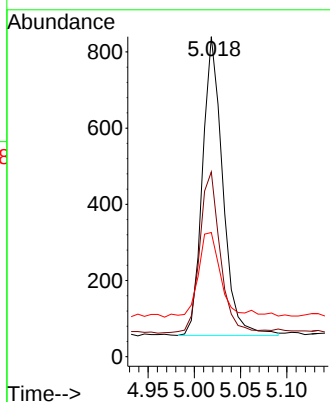
Tgt Ion:112 Resp: 1194

Ion Ratio Lower Upper

112 100

64 54.6 48.6 72.8

63 30.7 25.6 38.4



#5

Phenol-d6

Concen: 0.067 ng

RT: 6.586 min Scan# 513

Delta R.T. -0.014 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

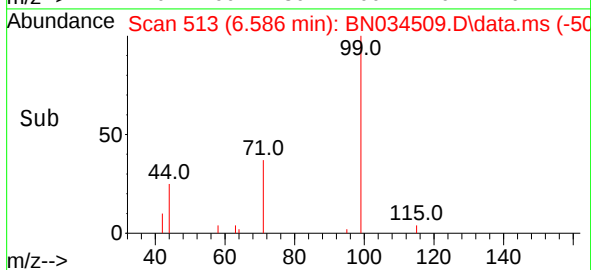
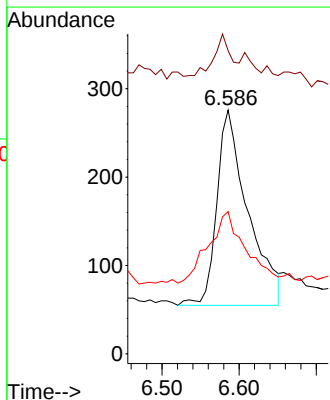
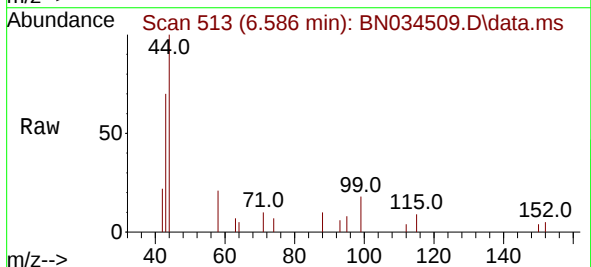
Tgt Ion: 99 Resp: 619

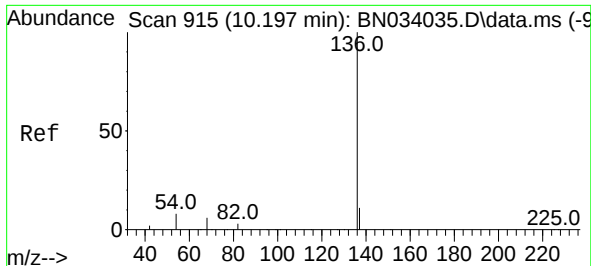
Ion Ratio Lower Upper

99 100

42 11.8 17.8 26.8#

71 42.2 26.2 39.2#

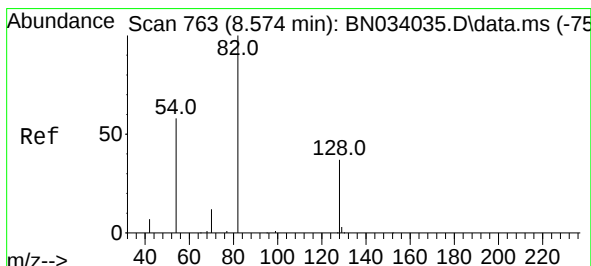
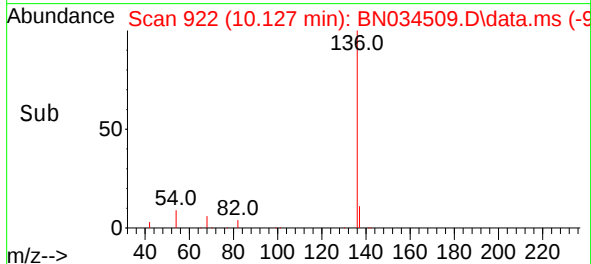
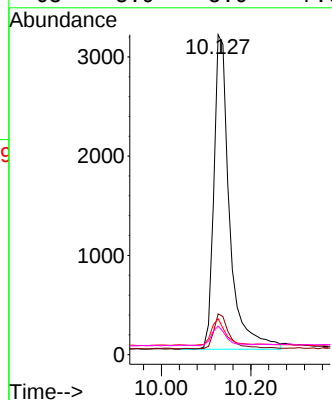
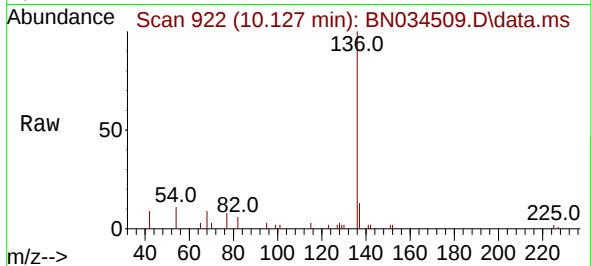




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

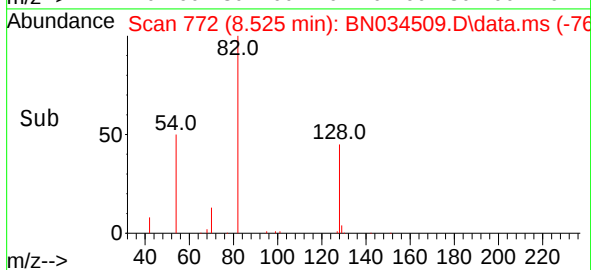
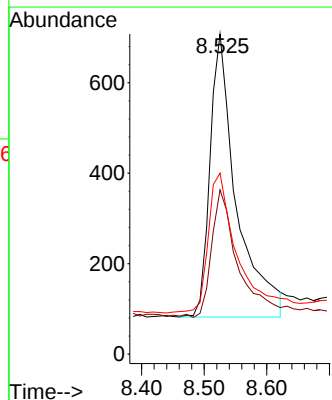
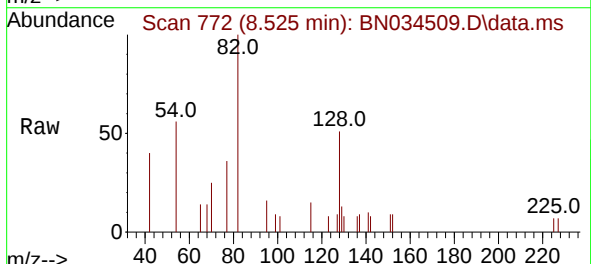
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20240926

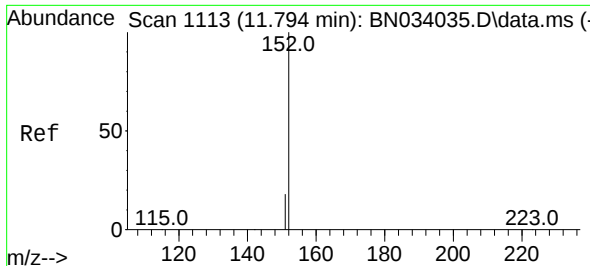
Tgt Ion:	136	Resp:	7719
Ion Ratio	Lower	Upper	
136	100		
137	12.7	9.0	13.6
54	11.2	6.8	10.2#
68	8.9	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.010 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:	82	Resp:	1833
Ion Ratio	Lower	Upper	
82	100		
128	51.3	31.4	47.2#
54	56.5	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 11.731 min Scan# 1111

Delta R.T. -0.022 min

Lab File: BN034509.D

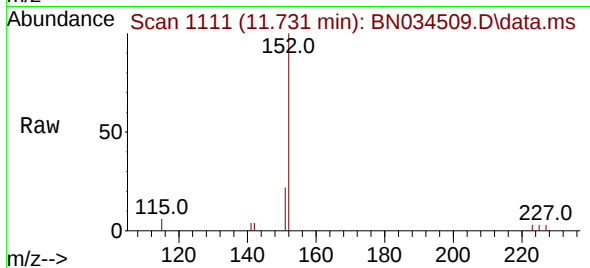
Acq: 09 Oct 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20240926

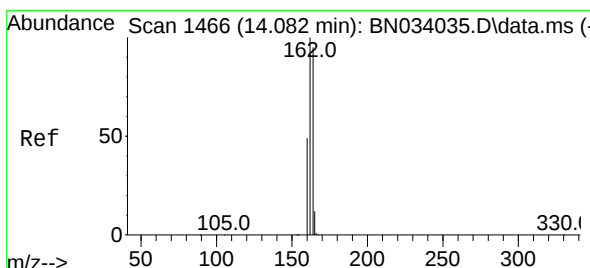
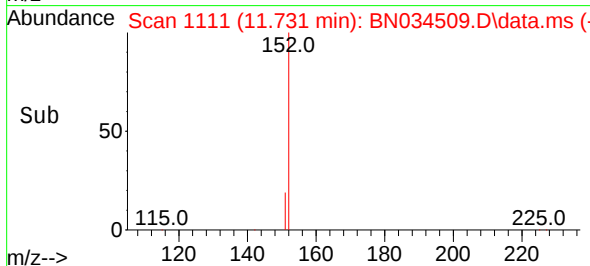
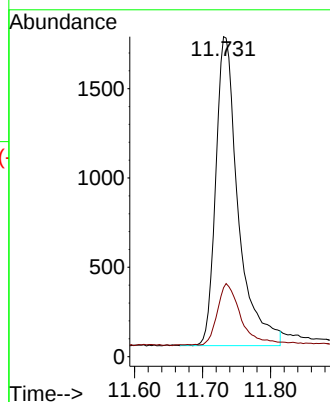


Tgt Ion:152 Resp: 3955

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.030 min Scan# 1476

Delta R.T. -0.017 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

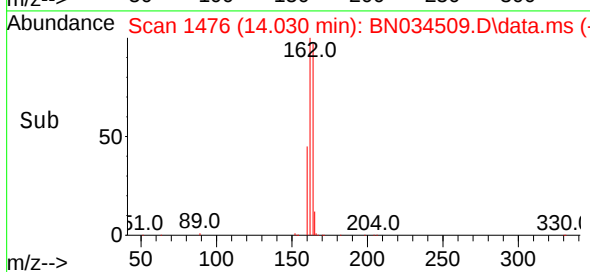
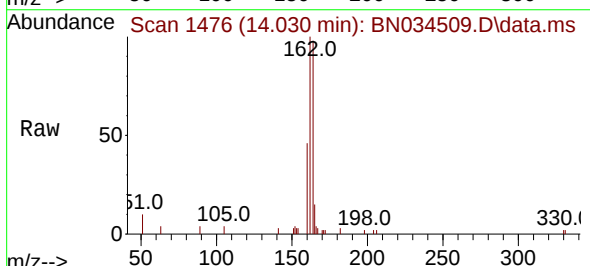
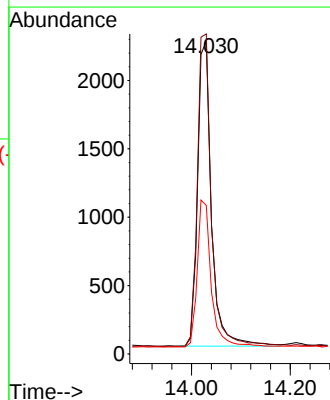
Tgt Ion:164 Resp: 4369

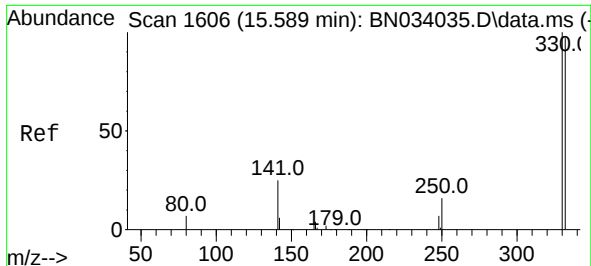
Ion Ratio Lower Upper

164 100

162 102.2 84.2 126.2

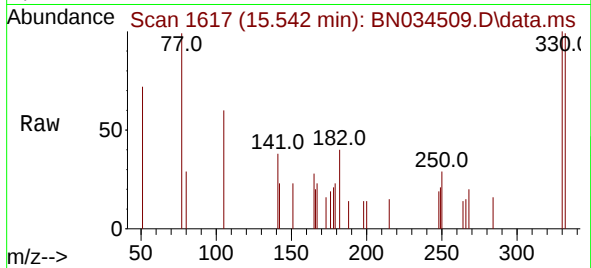
160 47.4 41.7 62.5



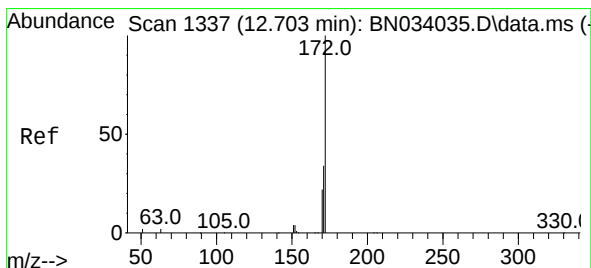
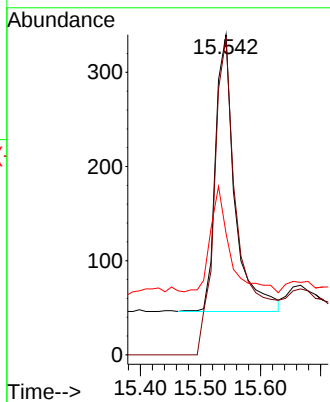
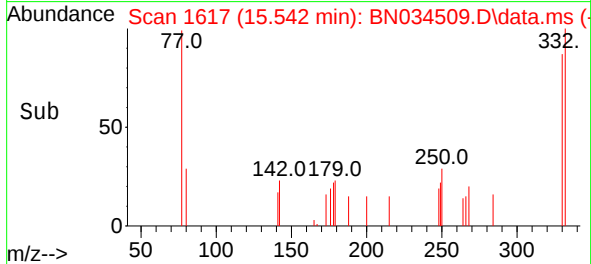


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

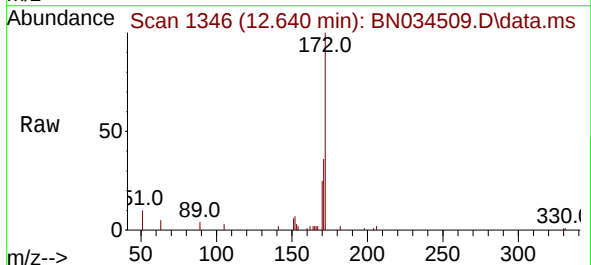
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20240926



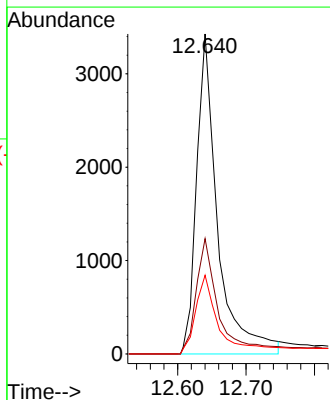
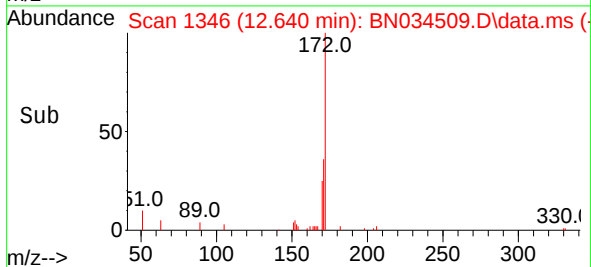
Tgt Ion:330 Resp: 632
Ion Ratio Lower Upper
330 100
332 157.0 77.4 116.0#
141 38.6 35.9 53.9

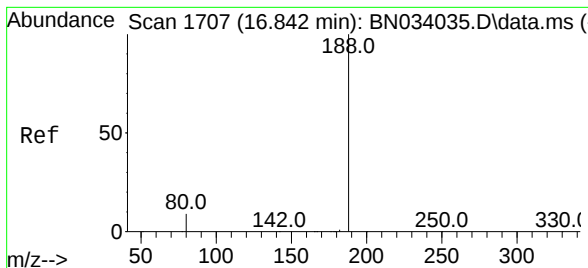


#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01



Tgt Ion:172 Resp: 6712
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 11

Delta R.T. -0.019 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20240926

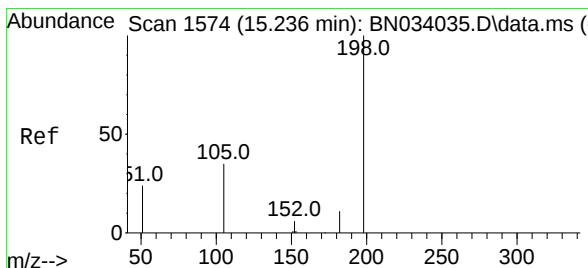
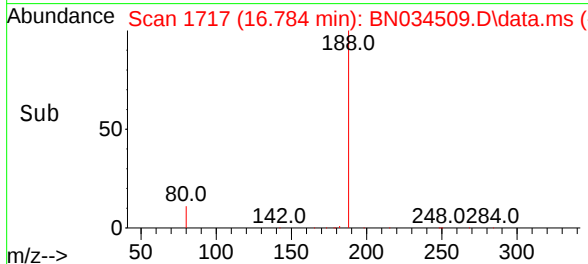
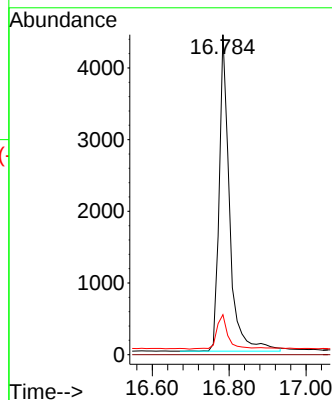
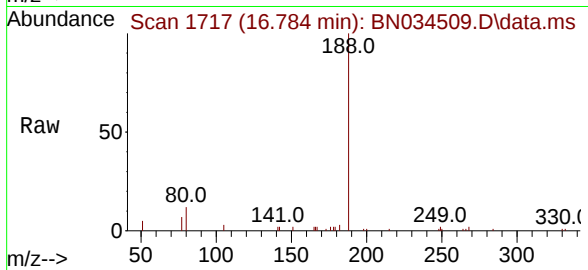
Tgt Ion:188 Resp: 8282

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.300 min Scan# 1678

Delta R.T. -0.007 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

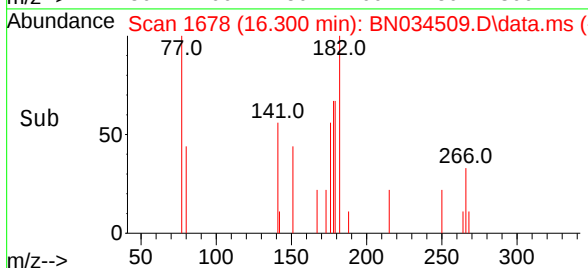
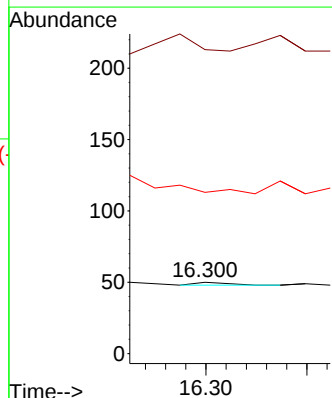
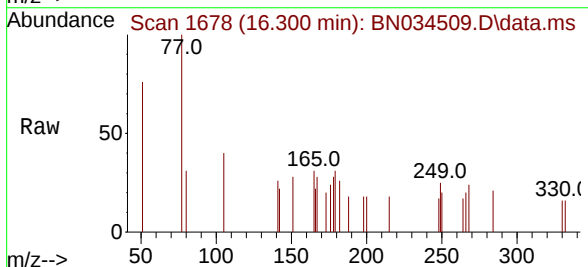
Tgt Ion:198 Resp: 2

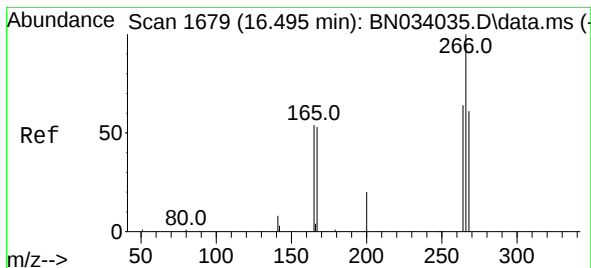
Ion Ratio Lower Upper

198 100

51 426.0 106.4 159.6#

105 226.0 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.461 min Scan# 1691

Delta R.T. -0.007 min

Lab File: BN034509.D

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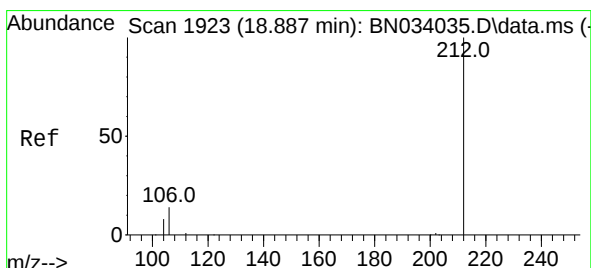
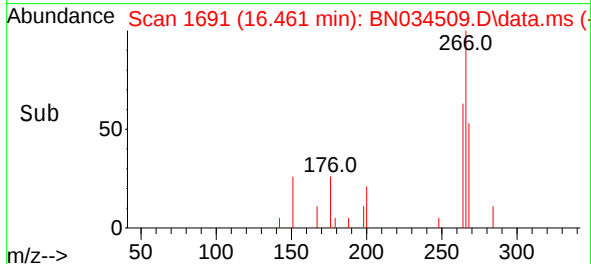
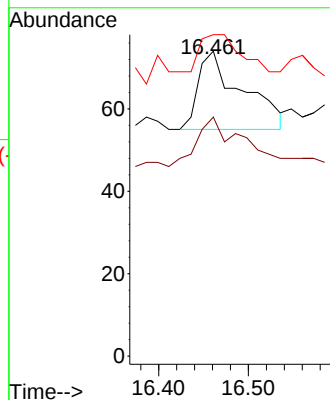
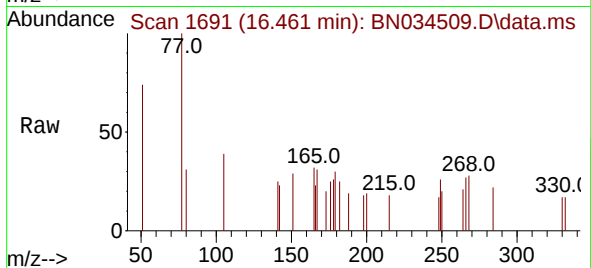
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

264 66.2 50.2 75.2

268 50.8 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.437 ng

RT: 18.829 min Scan# 1925

Delta R.T. -0.016 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

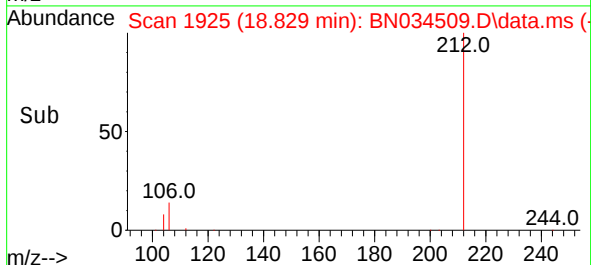
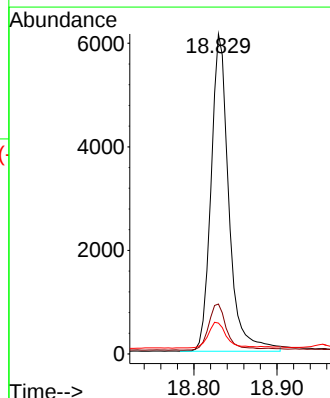
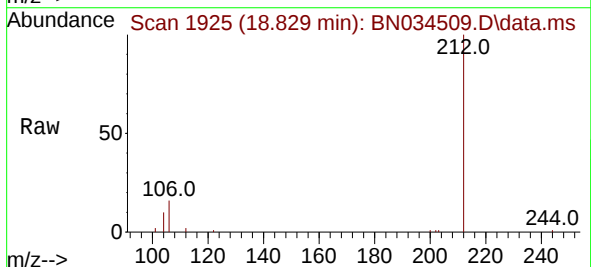
Tgt Ion:212 Resp: 9121

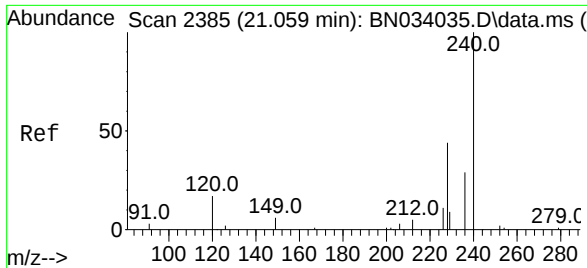
Ion Ratio Lower Upper

212 100

106 14.8 13.4 20.2

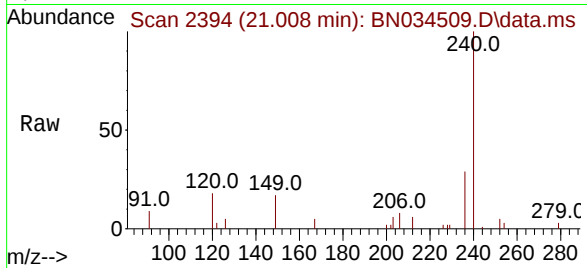
104 8.6 7.8 11.6



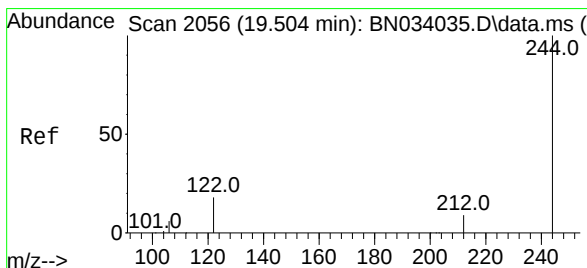
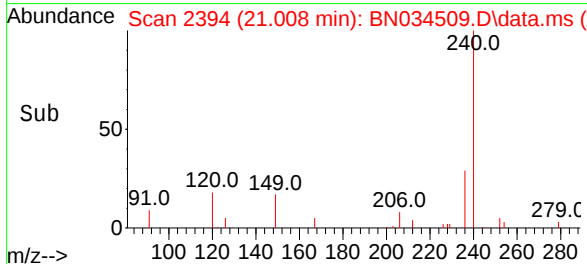
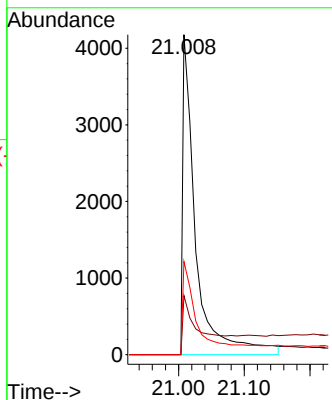


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20240926

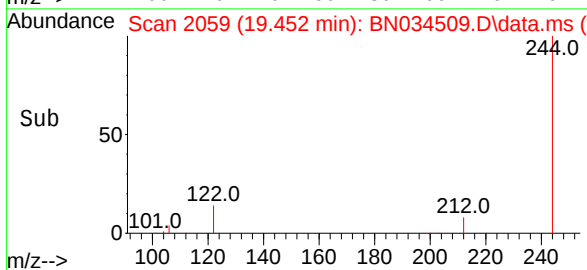
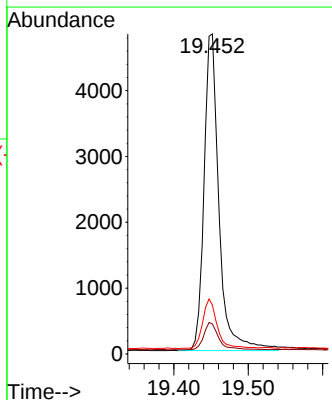
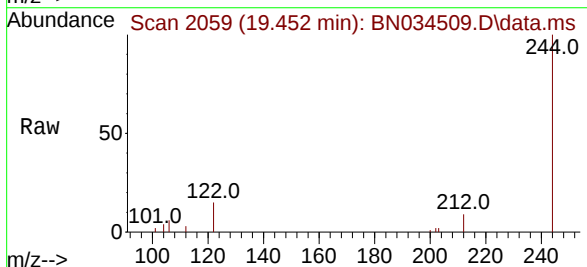


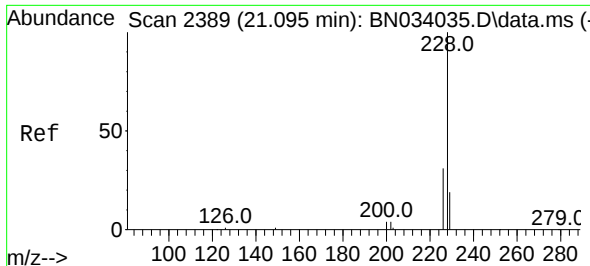
Tgt Ion:240 Resp: 5935
Ion Ratio Lower Upper
240 100
120 18.5 13.5 20.3
236 29.1 23.4 35.0



#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:244 Resp: 6702
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 15.3 14.8 22.2





#33

Chrysene

Concen: 0.022 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034509.D

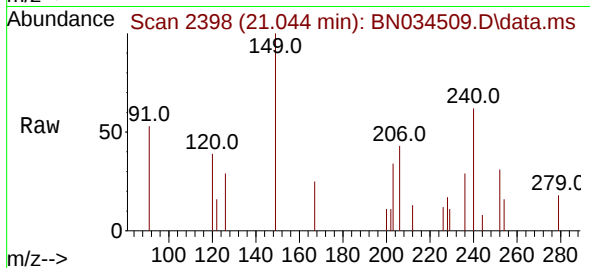
Acq: 09 Oct 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01-20240926



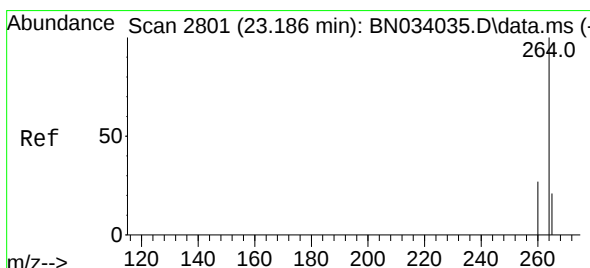
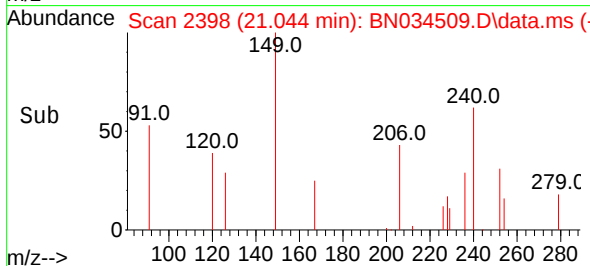
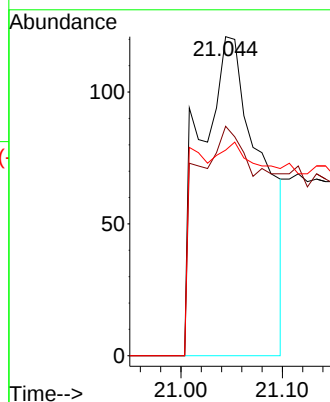
Tgt Ion:228 Resp: 482

Ion Ratio Lower Upper

228 100

226 71.9 24.6 37.0#

229 64.5 15.5 23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.119 min Scan# 2794

Delta R.T. -0.009 min

Lab File: BN034509.D

Acq: 09 Oct 2024 18:01

Tgt Ion:264 Resp: 7217

Ion Ratio Lower Upper

264 100

260 26.1 21.7 32.5

265 115.4 52.1 78.1#

