

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034511.D
 Acq On : 09 Oct 2024 19:14
 Operator : RC/JU
 Sample : P4231-06
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20240926

Quant Time: Oct 10 01:46:56 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)

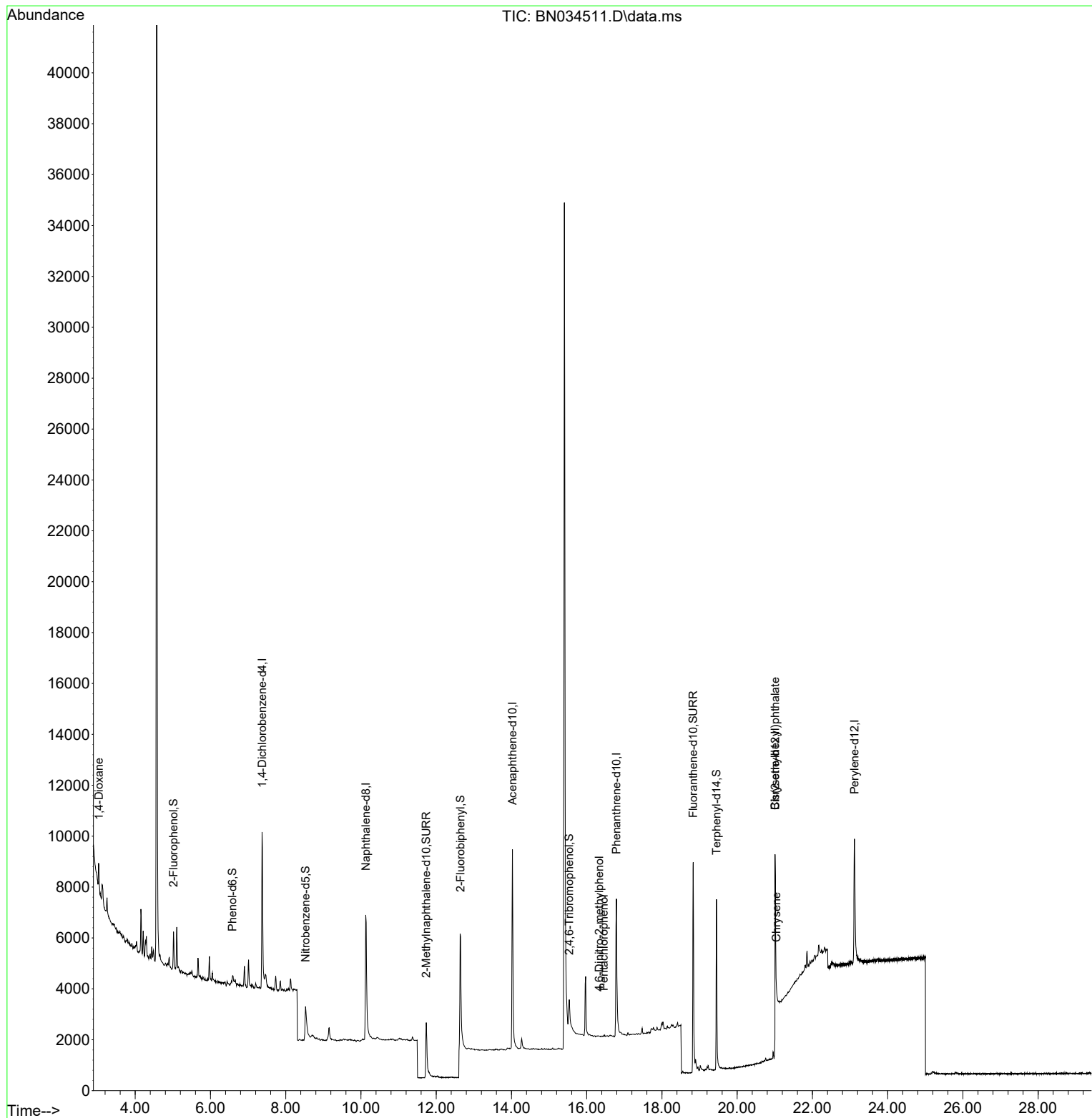
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3583	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	9742	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	5474	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	10229	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	6965	0.400	ng	0.00
35) Perylene-d12	23.116	264	7621	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1166	0.115	ng	-0.01
5) Phenol-d6	6.585	99	509	0.043	ng	-0.01
8) Nitrobenzene-d5	8.525	82	1921	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	4410	0.307	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	662	0.267	ng	-0.01
15) 2-Fluorobiphenyl	12.647	172	6264	0.281	ng	-0.01
27) Fluoranthene-d10	18.832	212	10502	0.407	ng	-0.01
31) Terphenyl-d14	19.450	244	7249	0.521	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.032	88	768	0.171	ng	# 33
20) 4,6-Dinitro-2-methylph...	16.331	198	4	0.140	ng	# 1
24) Pentachlorophenol	16.455	266	86	0.040	ng	# 77
33) Chrysene	21.042	228	587	0.022	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.006	149	1154	0.126	ng	# 56

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

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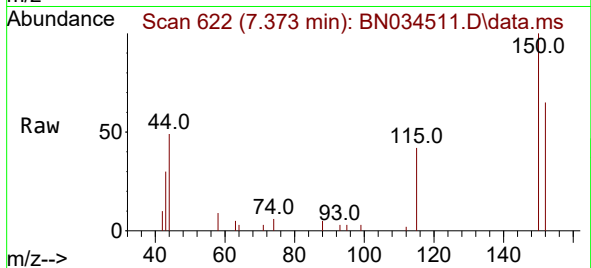
Quant Time: Oct 10 01:46:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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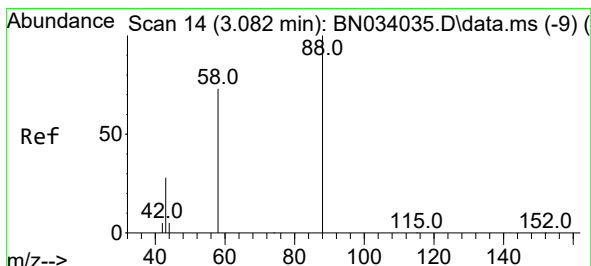
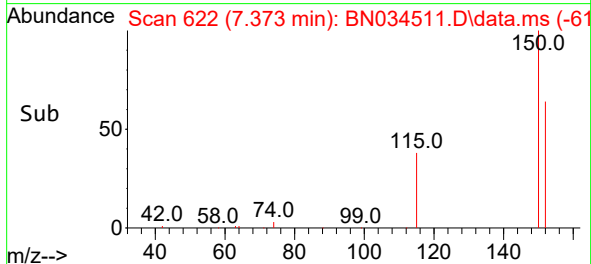
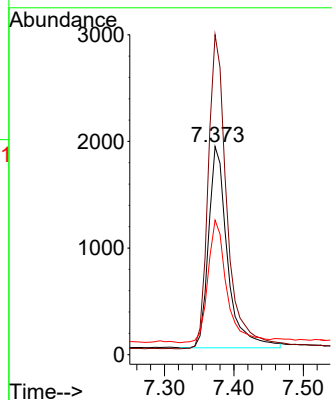


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

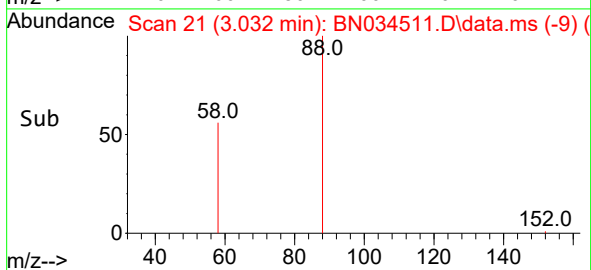
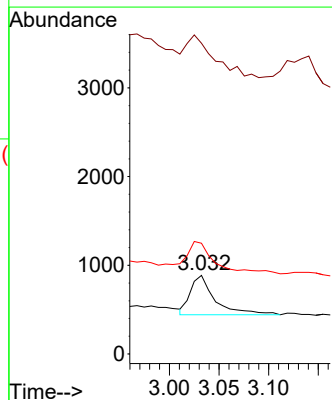
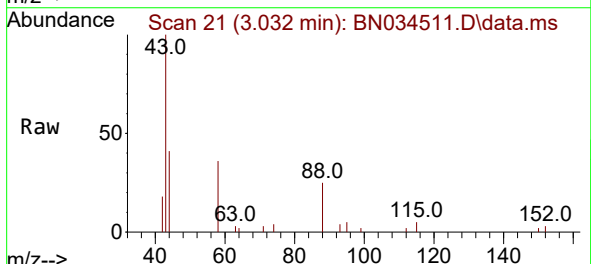


Tgt Ion:152 Resp: 3583
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 64.7 50.0 75.0



#2
1,4-Dioxane
Concen: 0.171 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion: 88 Resp: 768
Ion Ratio Lower Upper
88 100
43 121.6 25.8 38.8#
58 95.6 58.8 88.2#

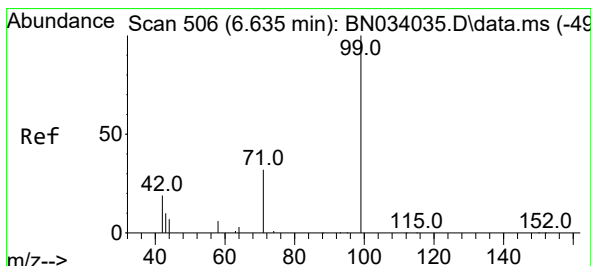
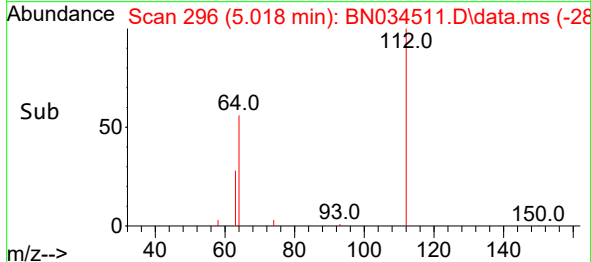
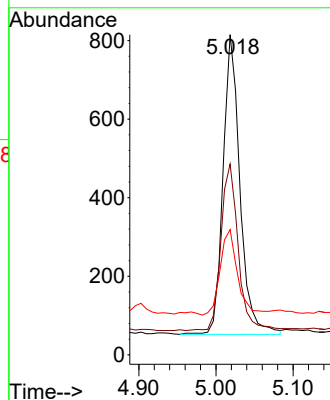
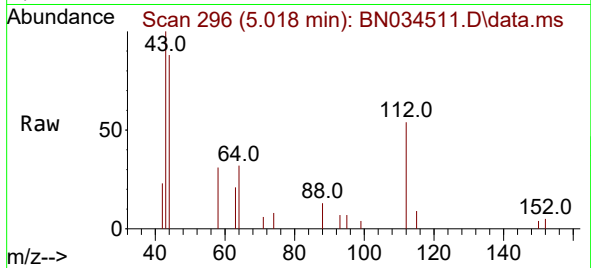




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

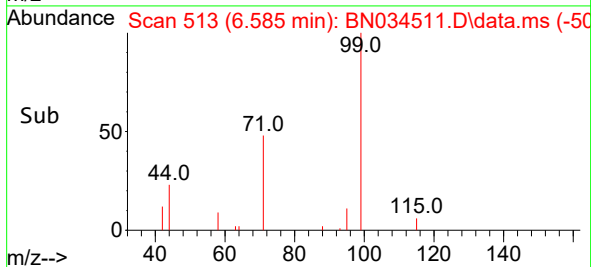
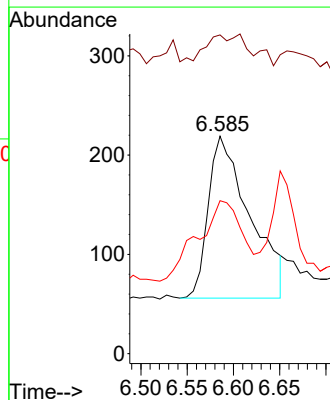
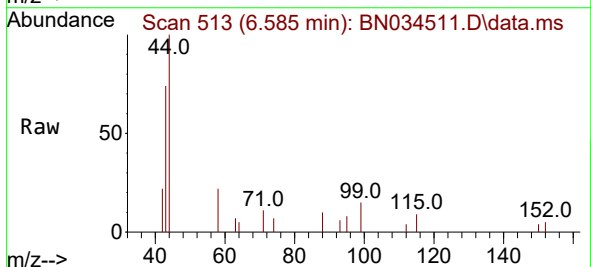
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

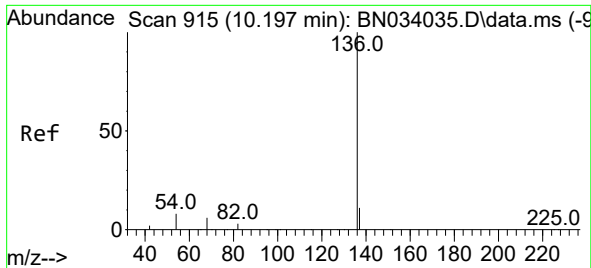
Tgt Ion:112 Resp: 1166
Ion Ratio Lower Upper
112 100
64 56.5 48.6 72.8
63 29.3 25.6 38.4



#5
Phenol-d6
Concen: 0.043 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion: 99 Resp: 509
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 53.2 26.2 39.2#

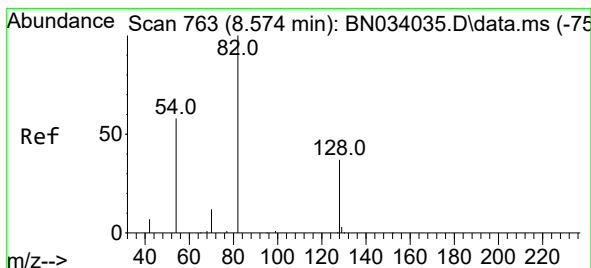
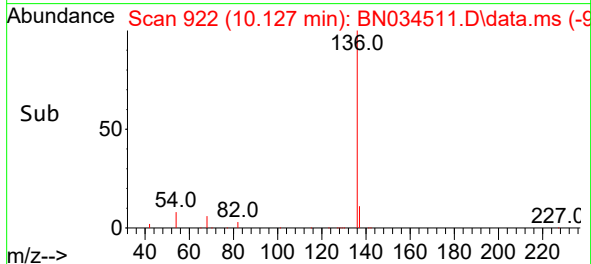
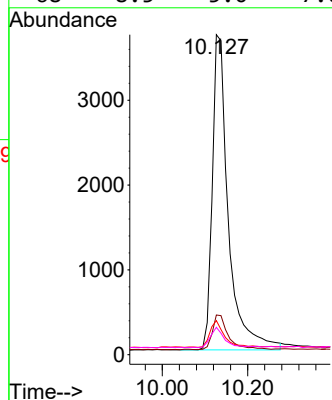
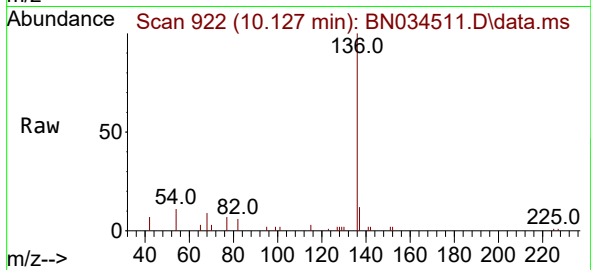




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

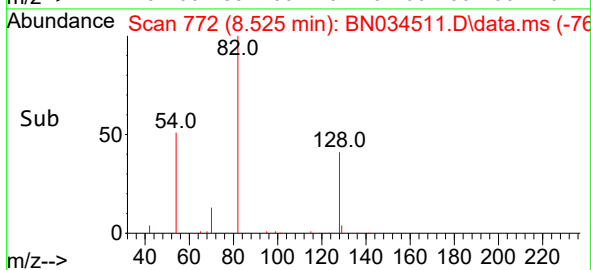
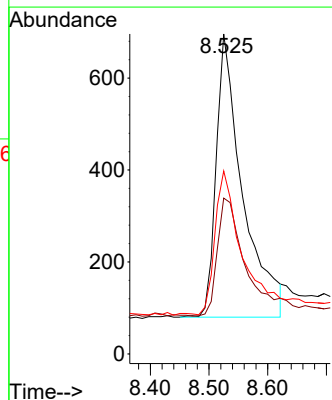
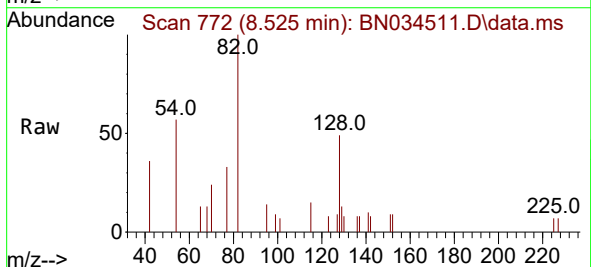
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

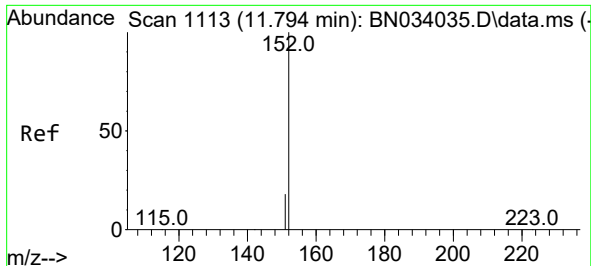
Tgt Ion:136 Resp: 9742
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 10.7 6.8 10.2#
68 8.5 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion: 82 Resp: 1921
Ion Ratio Lower Upper
82 100
128 48.7 31.4 47.2#
54 57.2 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 11.735 min Scan# 1112

Delta R.T. -0.019 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

Instrument :

BNA_N

ClientSampleId :

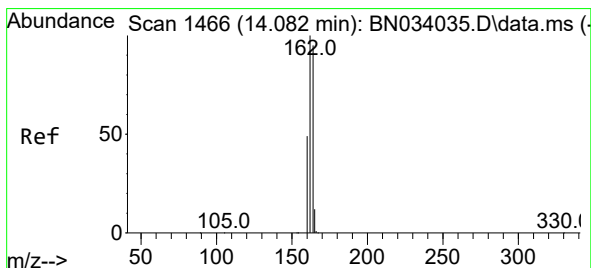
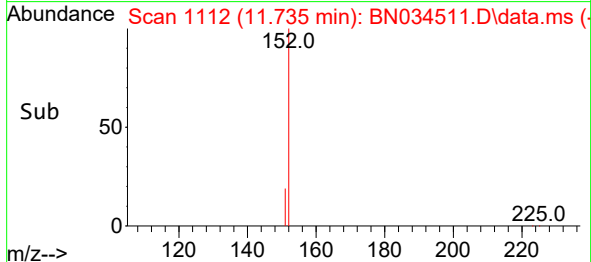
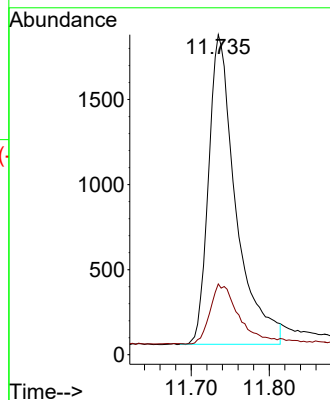
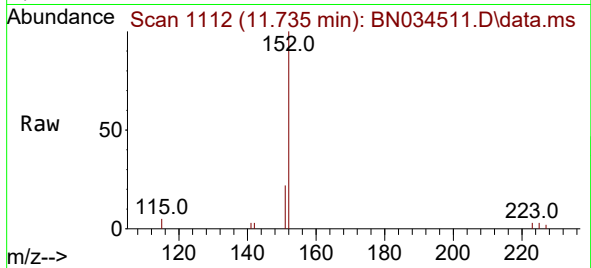
RW10A-MW01S-20240926

Tgt Ion:152 Resp: 4410

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.026 min Scan# 1475

Delta R.T. -0.021 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

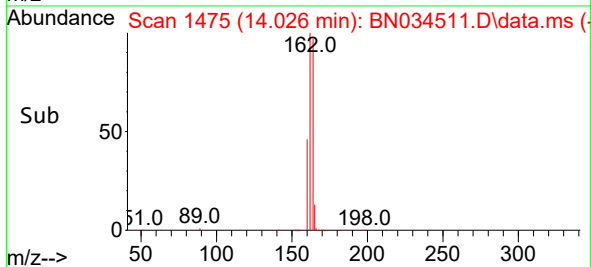
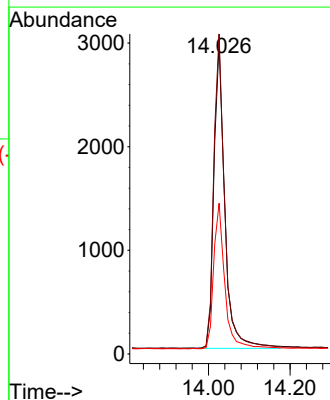
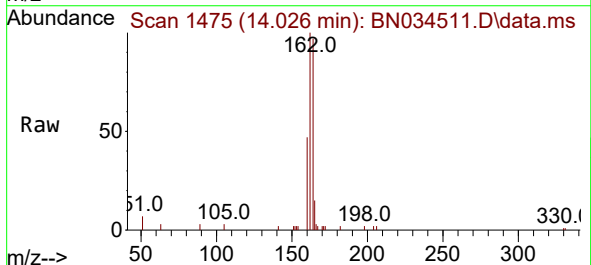
Tgt Ion:164 Resp: 5474

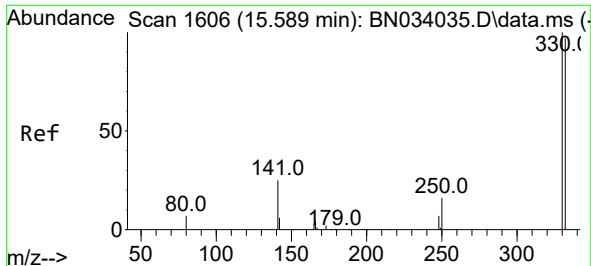
Ion Ratio Lower Upper

164 100

162 103.1 84.2 126.2

160 48.6 41.7 62.5

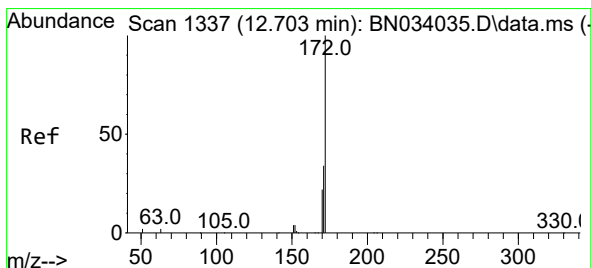
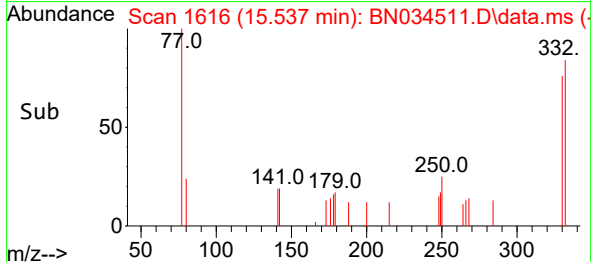
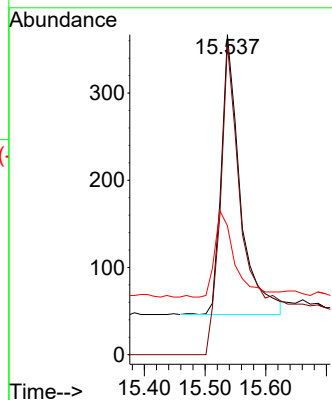
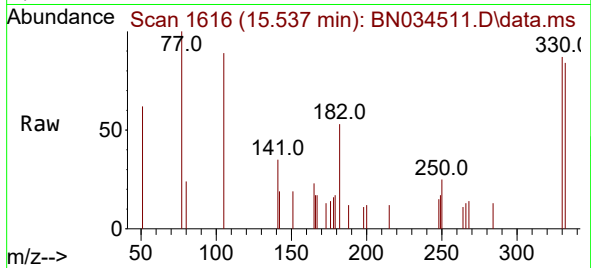




#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

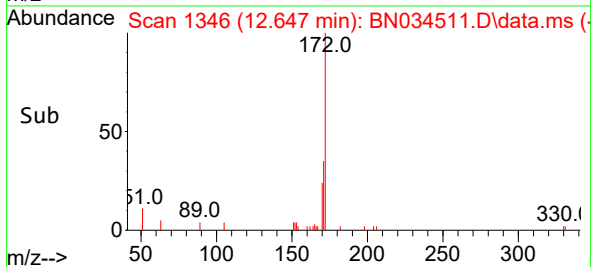
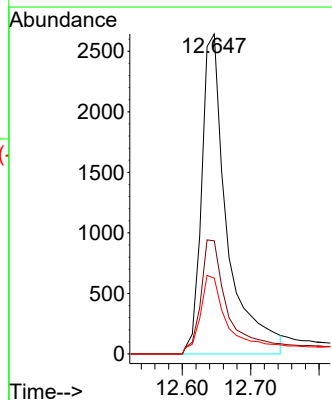
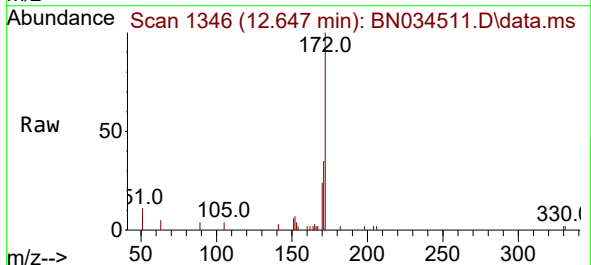
Instrument :
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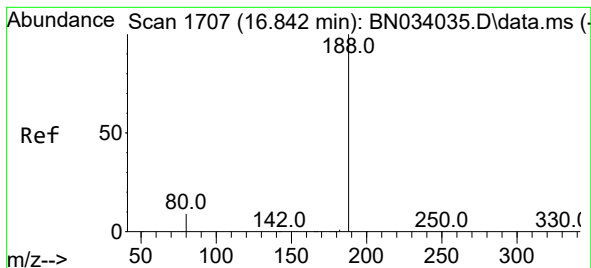
Tgt Ion:330 Resp: 662
Ion Ratio Lower Upper
330 100
332 146.7 77.4 116.0#
141 33.8 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.647 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion:172 Resp: 6264
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.790 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20240926

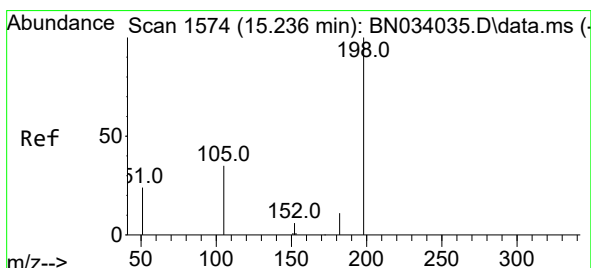
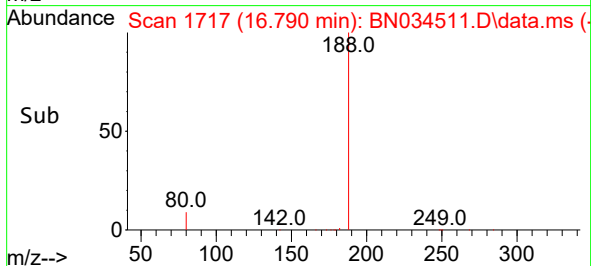
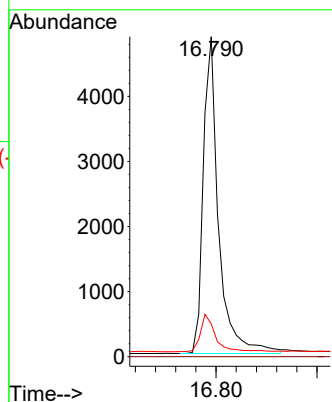
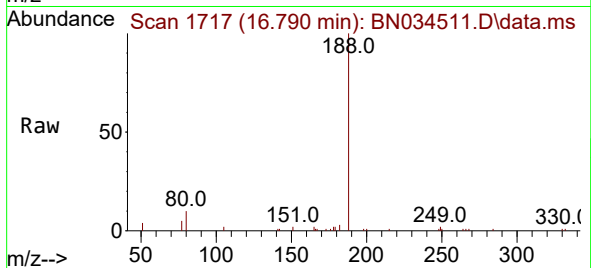
Tgt Ion:188 Resp: 10229

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.331 min Scan# 1680

Delta R.T. 0.025 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

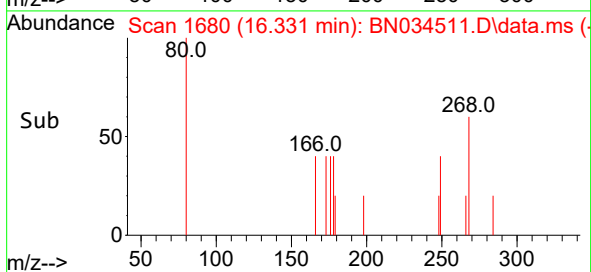
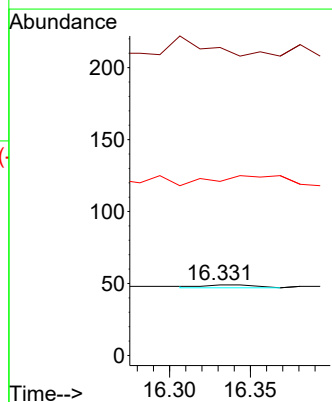
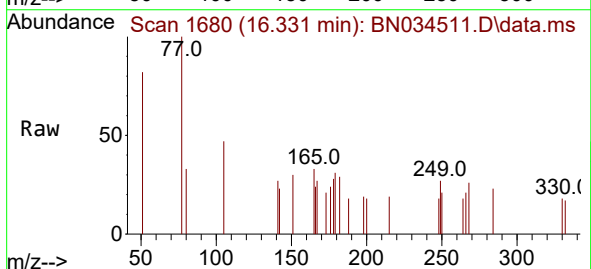
Tgt Ion:198 Resp: 4

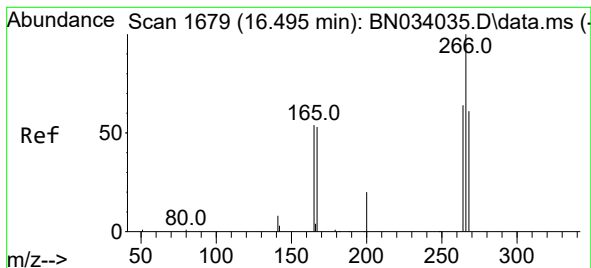
Ion Ratio Lower Upper

198 100

51 436.7 106.4 159.6#

105 246.9 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.040 ng

RT: 16.455 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

Instrument :

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ClientSampleId :

RW10A-MW01S-20240926

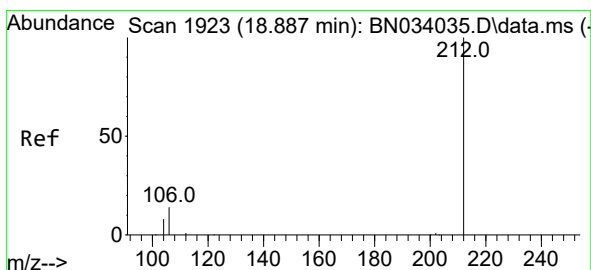
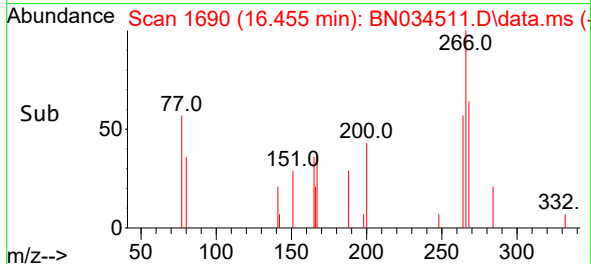
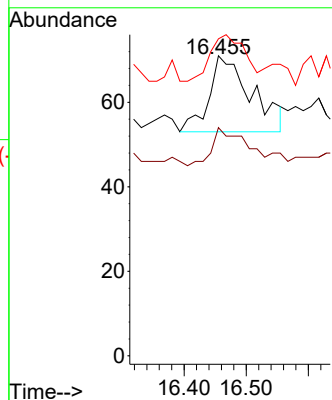
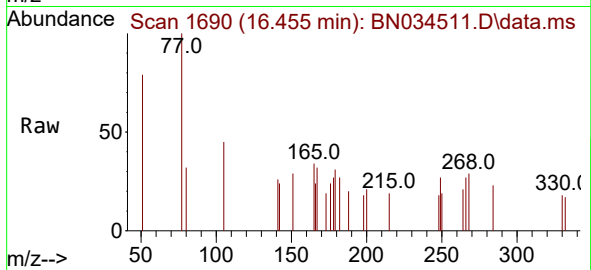
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 41.9 50.2 75.2#

268 48.8 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

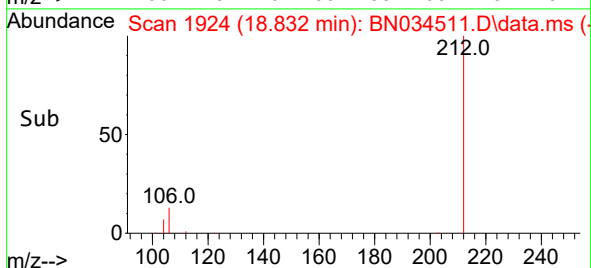
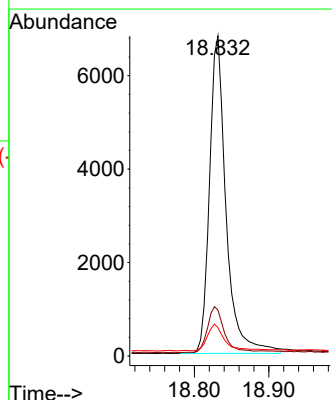
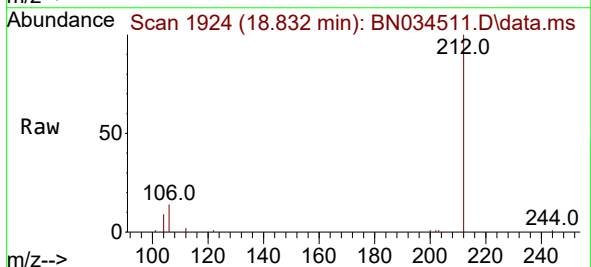
Tgt Ion:212 Resp: 10502

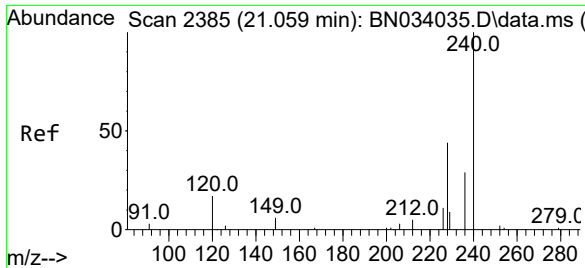
Ion Ratio Lower Upper

212 100

106 14.6 13.4 20.2

104 8.8 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

Instrument :

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ClientSampleId :

RW10A-MW01S-20240926

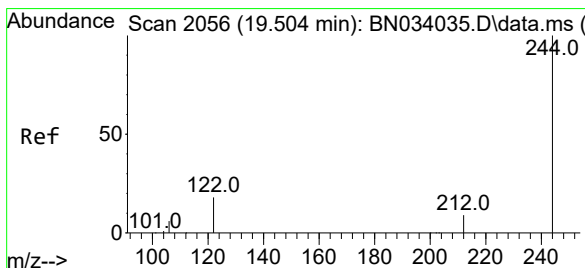
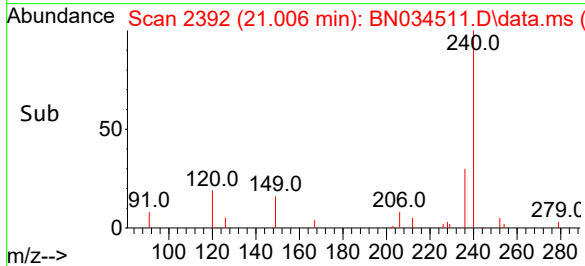
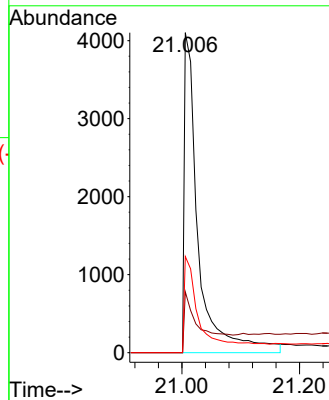
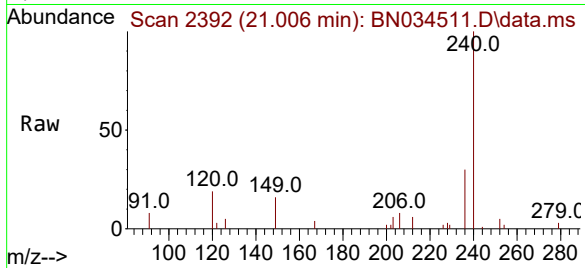
Tgt Ion:240 Resp: 6965

Ion Ratio Lower Upper

240 100

120 19.0 13.5 20.3

236 30.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.521 ng

RT: 19.450 min Scan# 2057

Delta R.T. -0.018 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

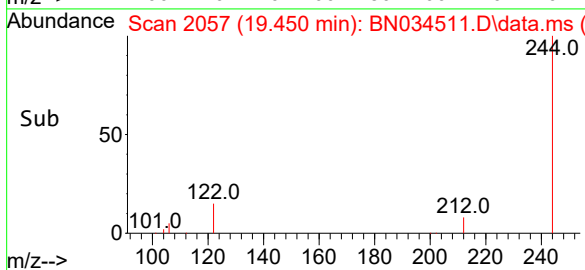
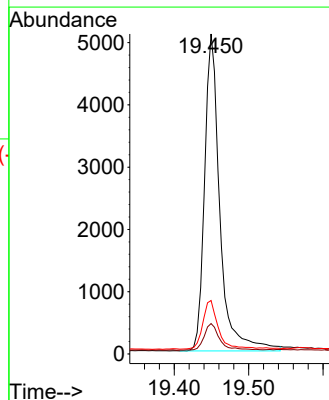
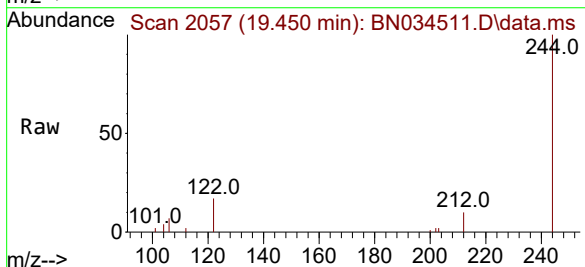
Tgt Ion:244 Resp: 7249

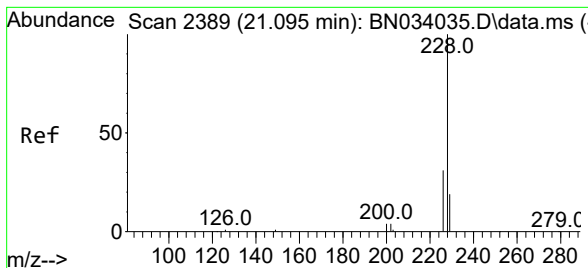
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

122 16.7 14.8 22.2





#33

Chrysene

Concen: 0.022 ng

RT: 21.042 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20240926

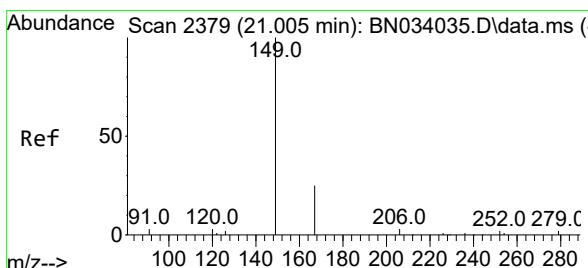
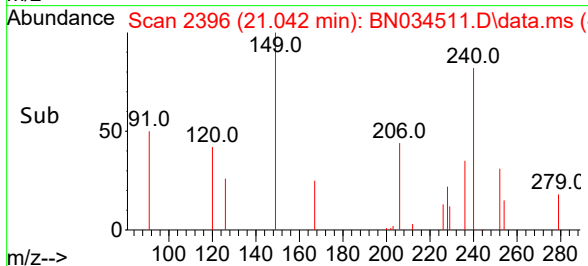
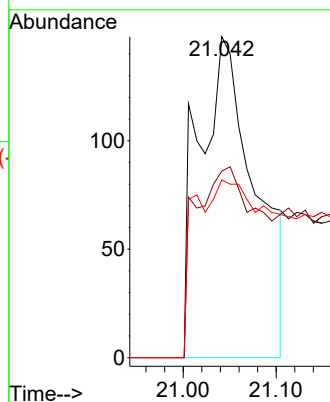
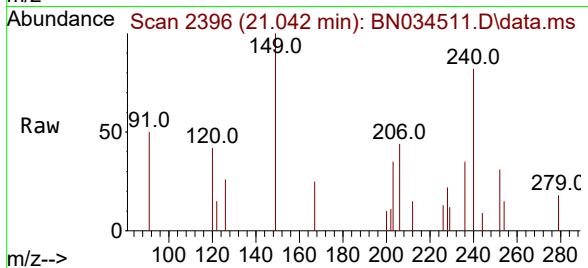
Tgt Ion:228 Resp: 587

Ion Ratio Lower Upper

228 100

226 58.1 24.6 37.0#

229 55.4 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 21.006 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BN034511.D

Acq: 09 Oct 2024 19:14

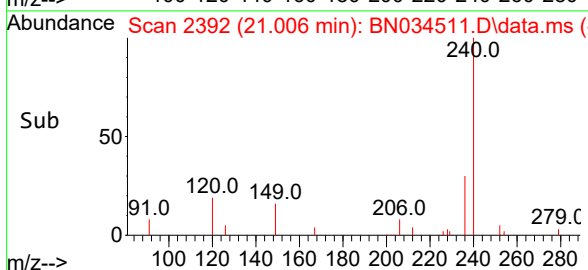
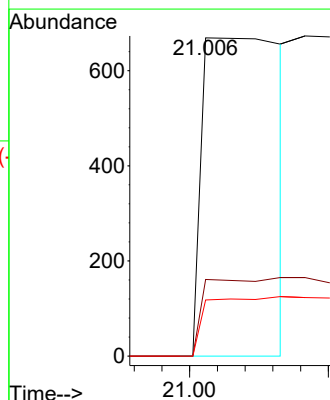
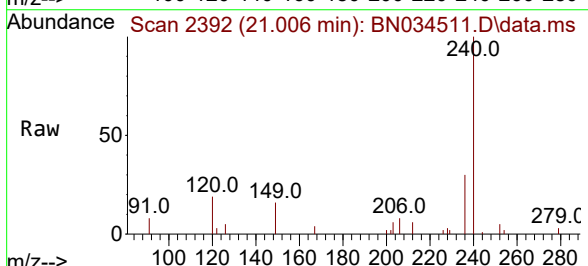
Tgt Ion:149 Resp: 1154

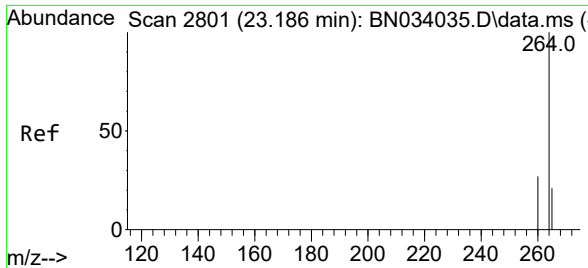
Ion Ratio Lower Upper

149 100

167 0.0 19.9 29.9#

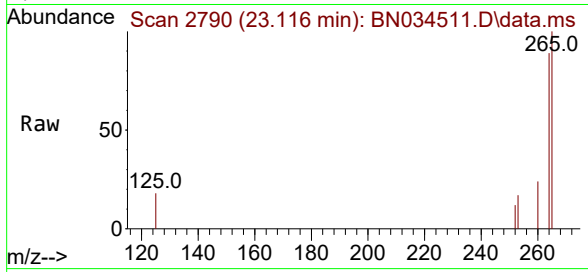
279 0.0 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034511.D
 Acq: 09 Oct 2024 19:14

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20240926



Tgt Ion:264 Resp: 7621
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.7 32.5
 265 112.7 52.1 78.1#

