

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034471.D
 Acq On : 08 Oct 2024 14:57
 Operator : RC/JU
 Sample : P4226-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20240924

Quant Time: Oct 08 15:34:22 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)

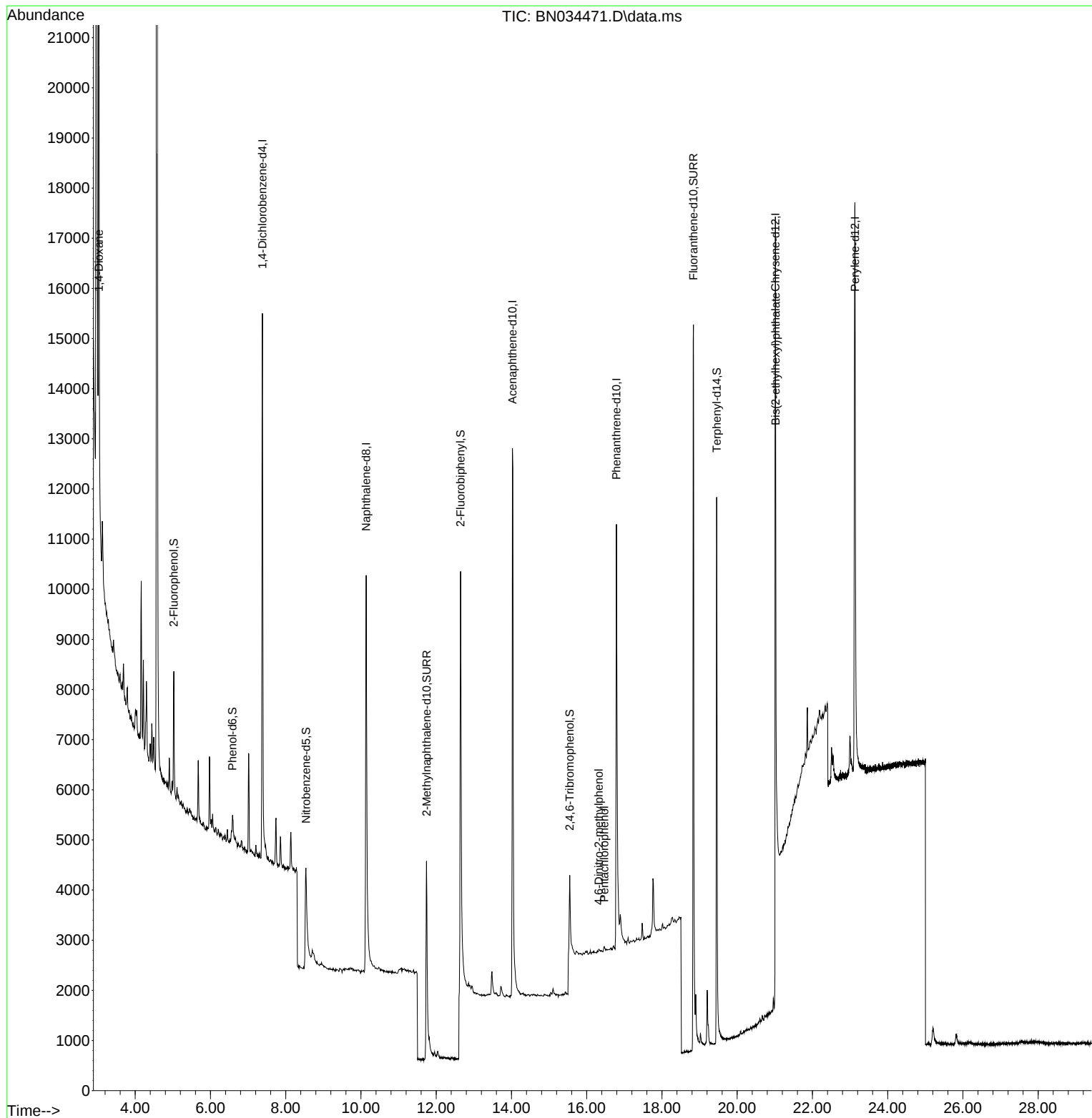
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5419	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	14581	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	8377	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	15109	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	14343	0.400	ng	0.00
35) Perylene-d12	23.128	264	15964	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1974	0.128	ng	0.00
5) Phenol-d6	6.585	99	910	0.051	ng	-0.01
8) Nitrobenzene-d5	8.536	82	3146	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	7963	0.370	ng	-0.01
14) 2,4,6-Tribromophenol	15.549	330	1266	0.334	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	10647	0.312	ng	-0.01
27) Fluoranthene-d10	18.836	212	18552	0.487	ng	0.00
31) Terphenyl-d14	19.454	244	12703	0.443	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	10445	1.542	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.319	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.468	266	116	0.037	ng	90
34) Bis(2-ethylhexyl)phtha...	21.024	149	1542	0.082	ng	# 90

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

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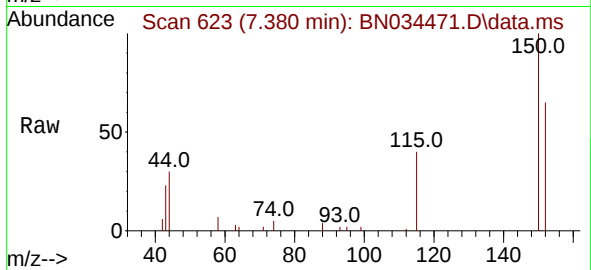
Quant Time: Oct 08 15:34:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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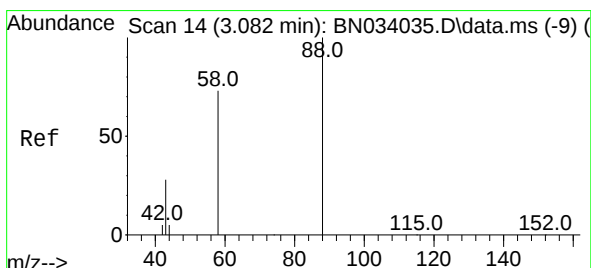
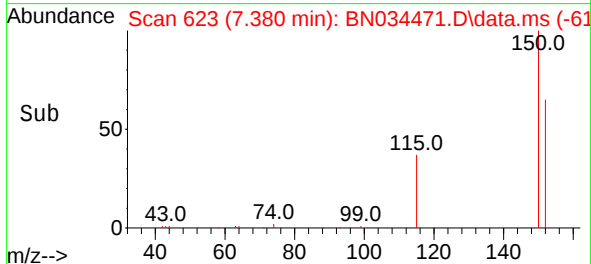
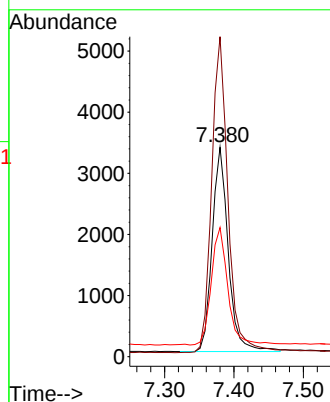


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924

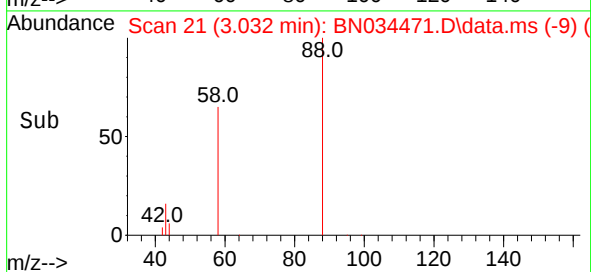
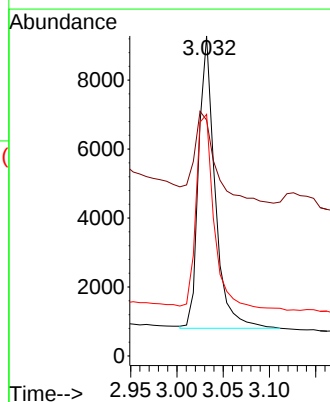
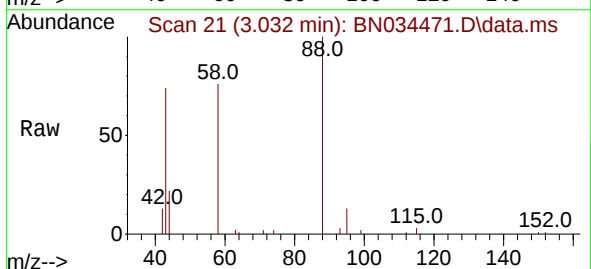


Tgt Ion:152 Resp: 5419
Ion Ratio Lower Upper
152 100
150 152.8 124.6 187.0
115 61.6 50.0 75.0



#2
1,4-Dioxane
Concen: 1.542 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Tgt Ion: 88 Resp: 10445
Ion Ratio Lower Upper
88 100
43 41.0 25.8 38.8#
58 72.2 58.8 88.2

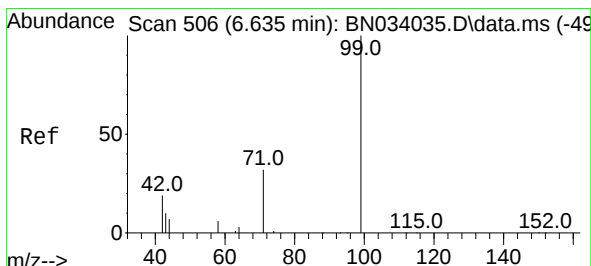
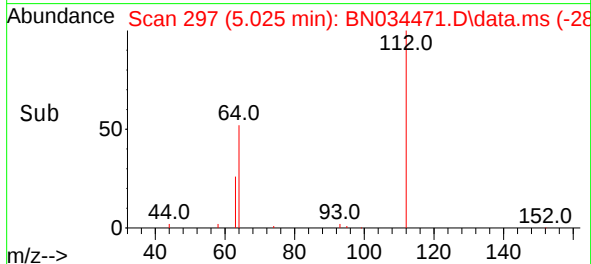
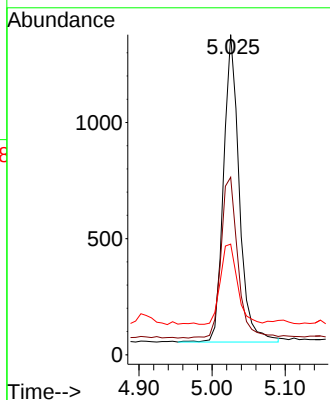
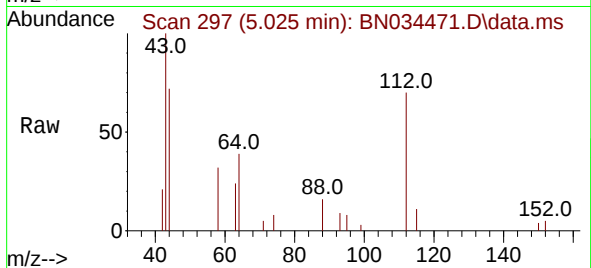




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.025 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

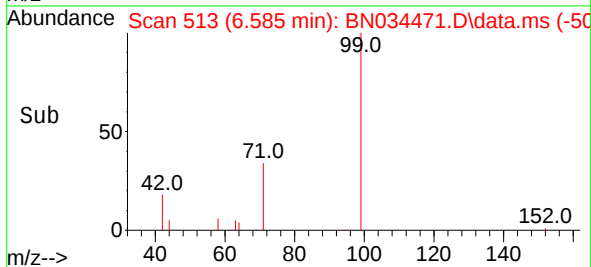
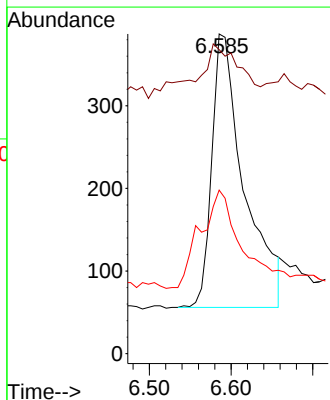
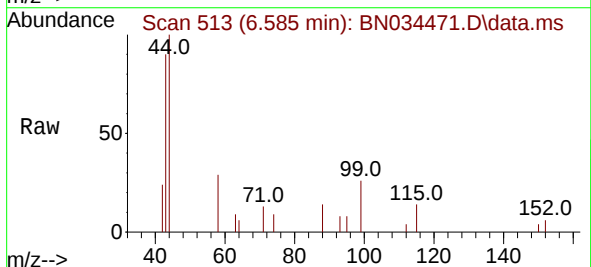
Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924

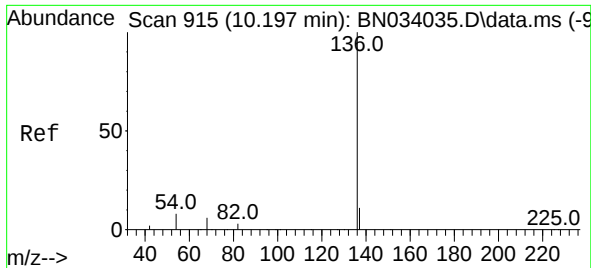
Tgt Ion:112 Resp: 1974
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 28.5 25.6 38.4



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Tgt Ion: 99 Resp: 910
Ion Ratio Lower Upper
99 100
42 27.3 17.8 26.8#
71 44.5 26.2 39.2#

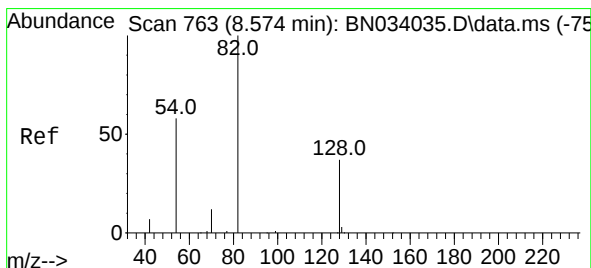
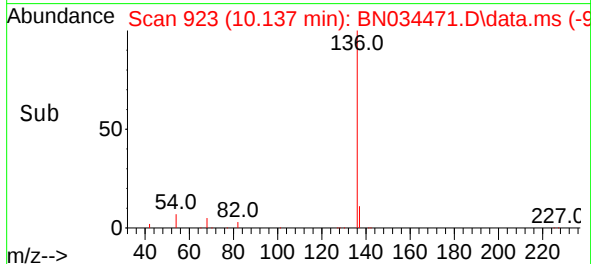
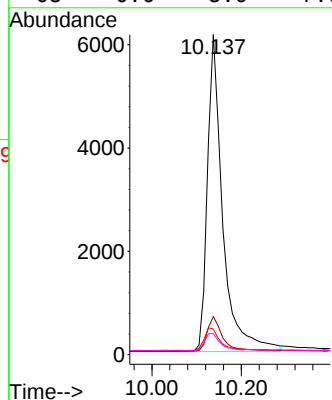
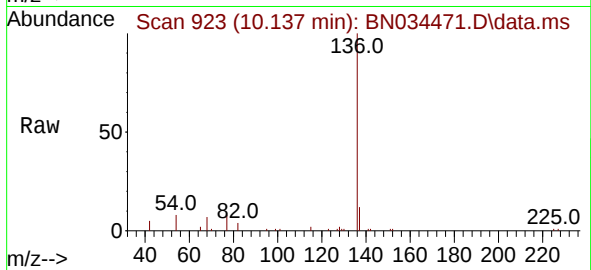




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

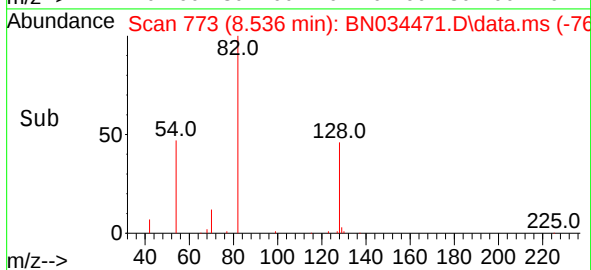
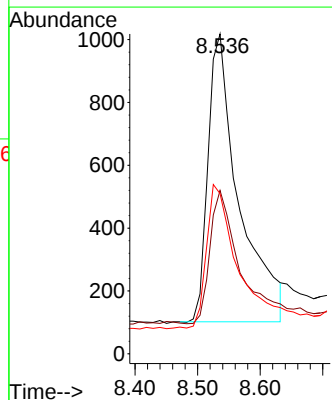
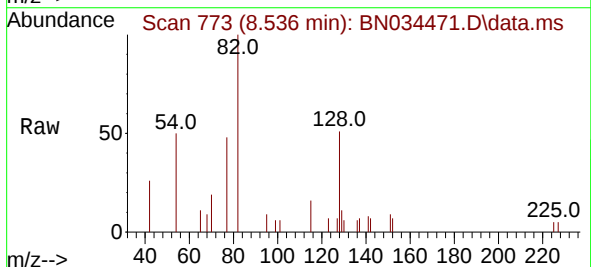
Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924

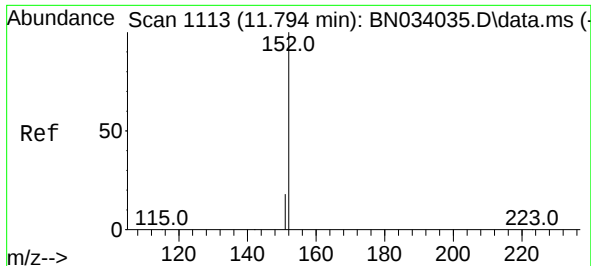
Tgt Ion:136	Resp:	14581
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.0 13.6
54	8.0	6.8 10.2
68	6.6	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Tgt Ion: 82	Resp:	3146
Ion Ratio	Lower	Upper
82	100	
128	51.1	31.4 47.2#
54	50.1	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 11.742 min Scan# 1114

Delta R.T. -0.011 min

Lab File: BN034471.D

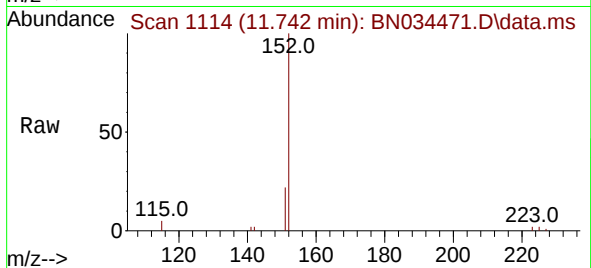
Acq: 08 Oct 2024 14:57

Instrument :

BNA_N

ClientSampleId :

TT172S1-20240924

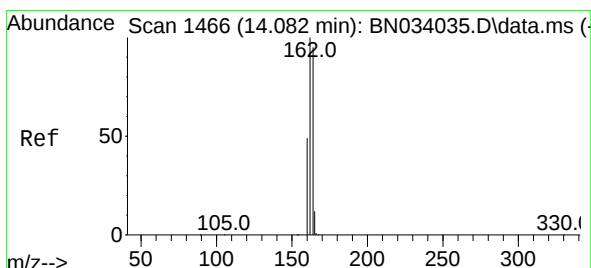
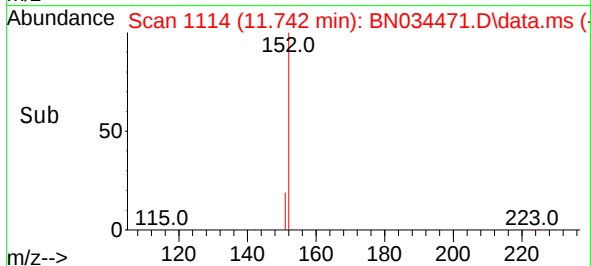
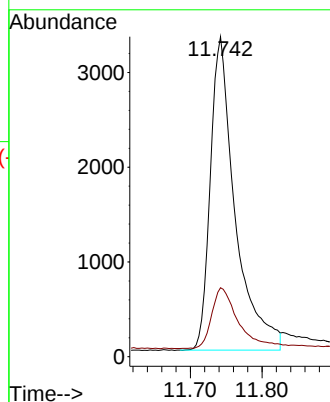


Tgt Ion:152 Resp: 7963

Ion Ratio Lower Upper

152 100

151 20.8 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: BN034471.D

Acq: 08 Oct 2024 14:57

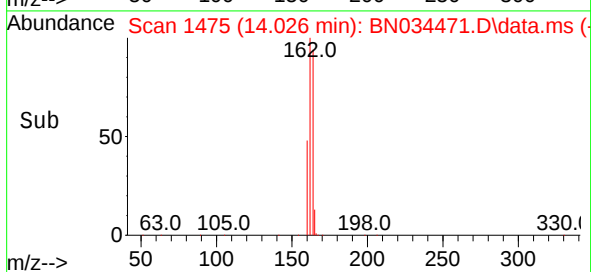
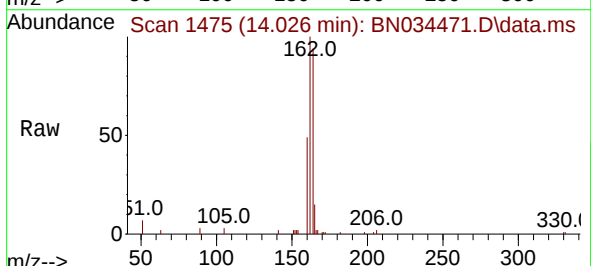
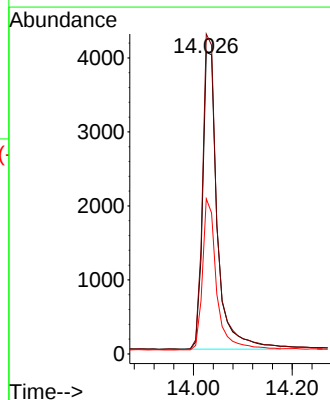
Tgt Ion:164 Resp: 8377

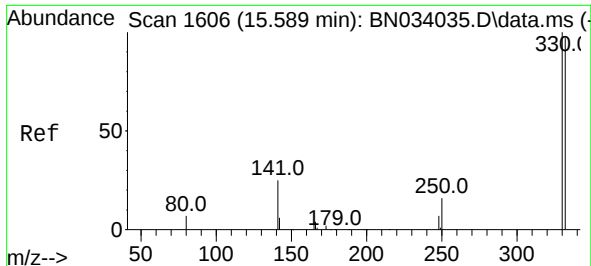
Ion Ratio Lower Upper

164 100

162 106.1 84.2 126.2

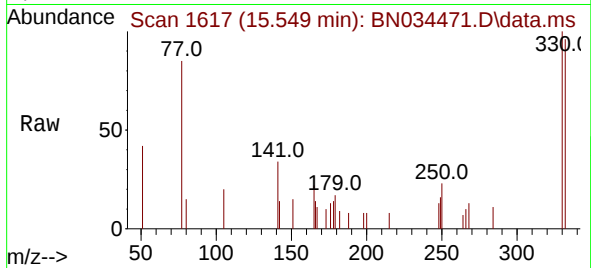
160 51.5 41.7 62.5



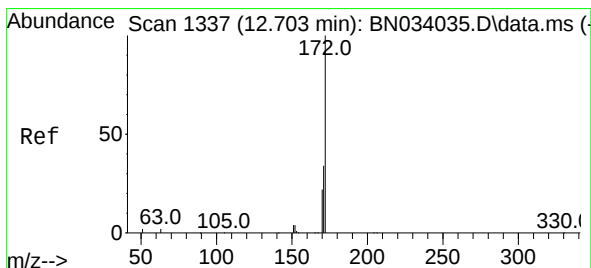
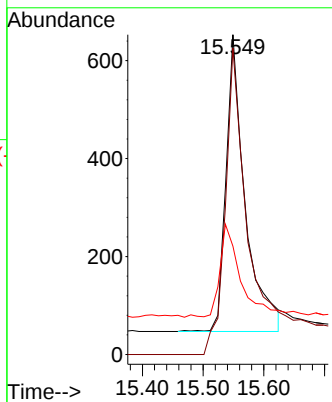
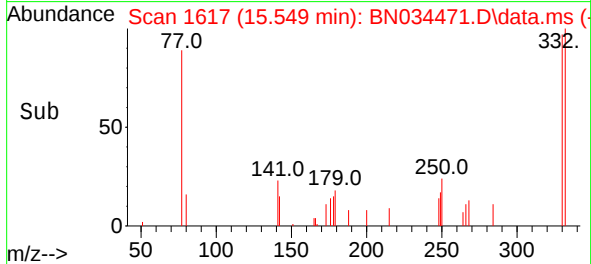


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.549 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924

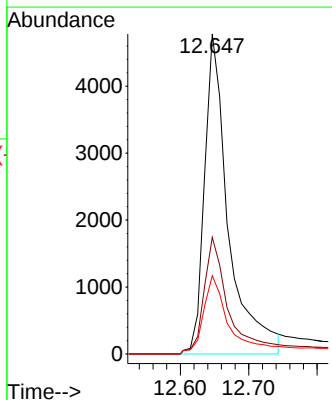
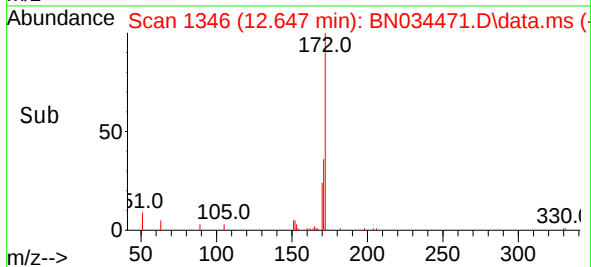
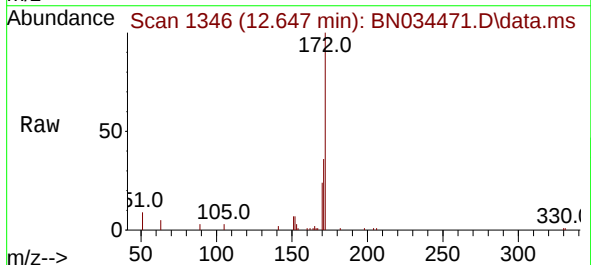


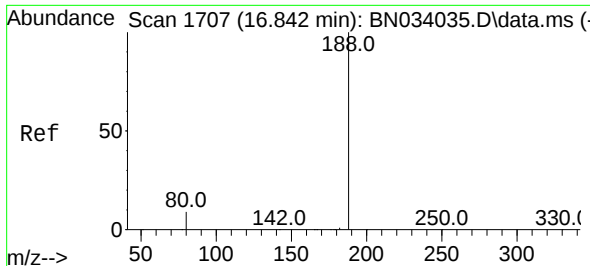
Tgt Ion:330 Resp: 1266
Ion Ratio Lower Upper
330 100
332 123.7 77.4 116.0#
141 34.2 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.647 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN034471.D
Acq: 08 Oct 2024 14:57

Tgt Ion:172 Resp: 10647
Ion Ratio Lower Upper
172 100
171 36.4 27.3 40.9
170 24.5 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: BN034471.D

Acq: 08 Oct 2024 14:57

Instrument :

BNA_N

ClientSampleId :

TT172S1-20240924

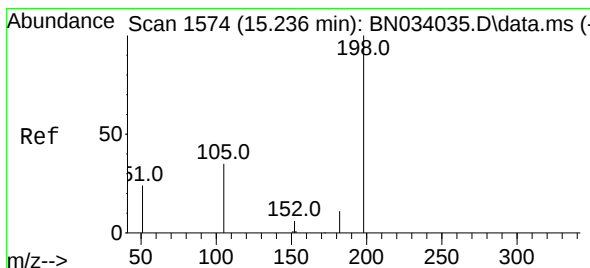
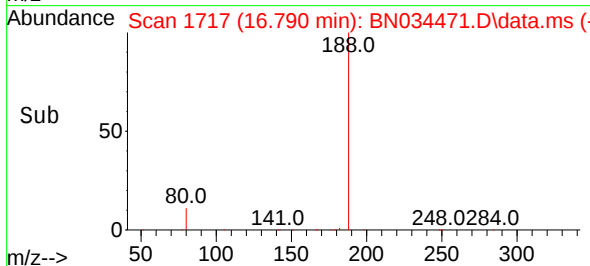
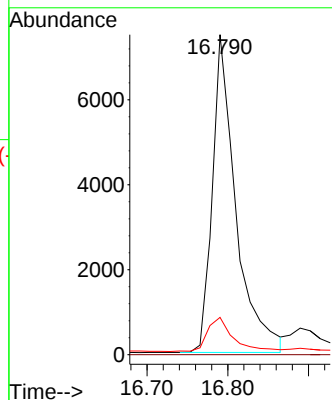
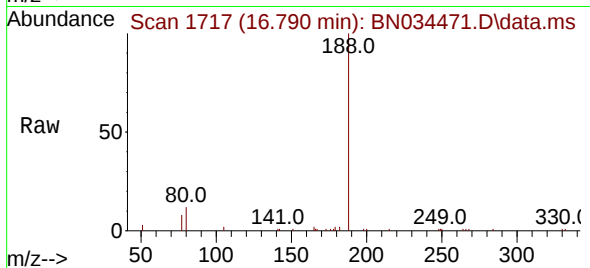
Tgt Ion:188 Resp: 15109

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.319 min Scan# 1679

Delta R.T. 0.012 min

Lab File: BN034471.D

Acq: 08 Oct 2024 14:57

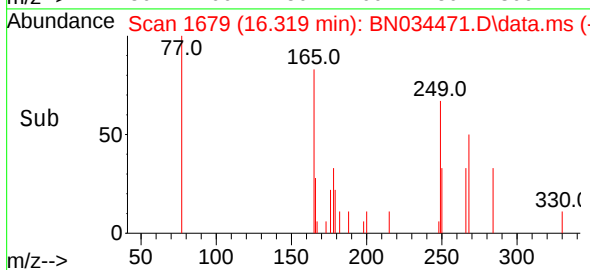
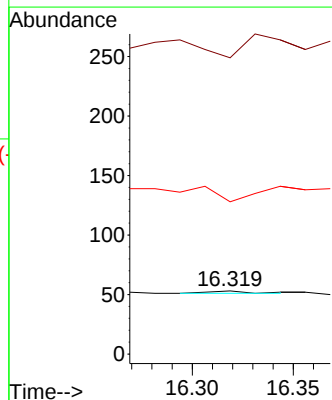
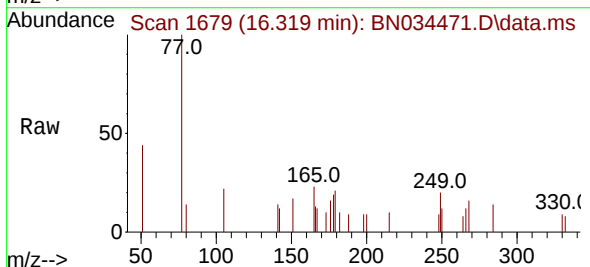
Tgt Ion:198 Resp: 3

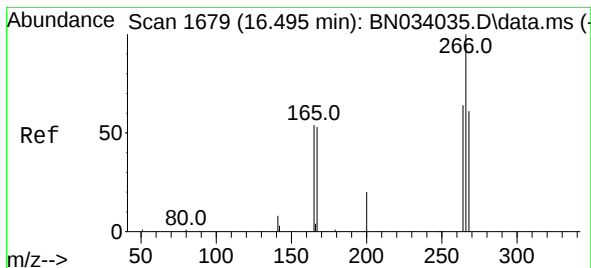
Ion Ratio Lower Upper

198 100

51 469.8 106.4 159.6#

105 241.5 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.037 ng

RT: 16.468 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034471.D

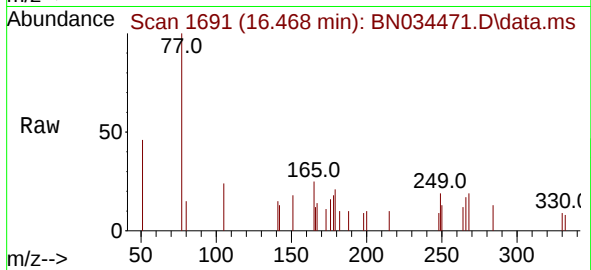
Acq: 08 Oct 2024 14:57

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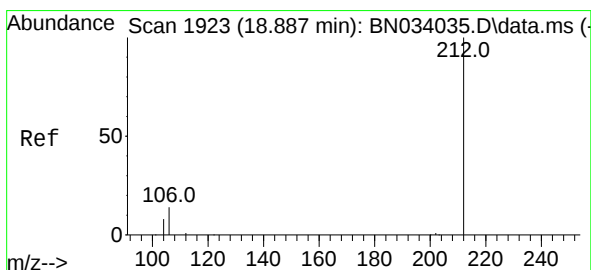
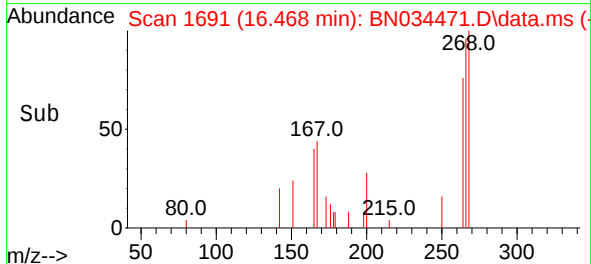
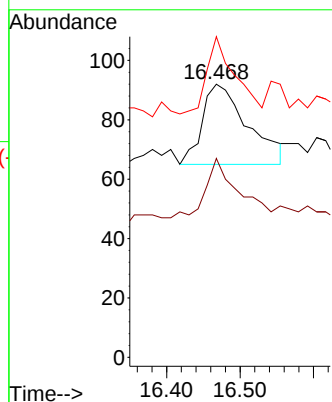
Tgt Ion:266 Resp: 116

Ion Ratio Lower Upper

266 100

264 51.7 50.2 75.2

268 59.5 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.487 ng

RT: 18.836 min Scan# 1925

Delta R.T. -0.009 min

Lab File: BN034471.D

Acq: 08 Oct 2024 14:57

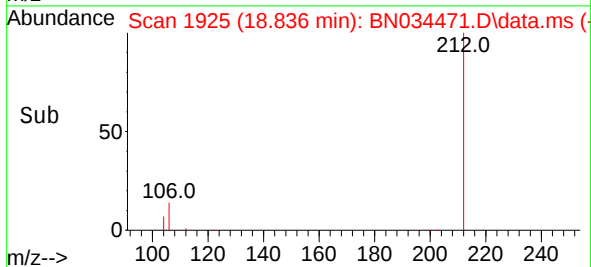
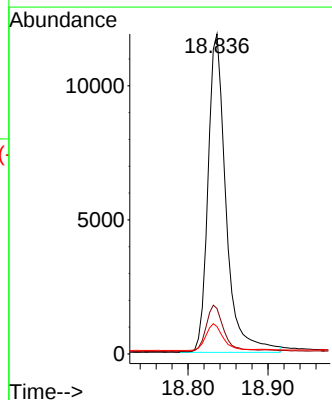
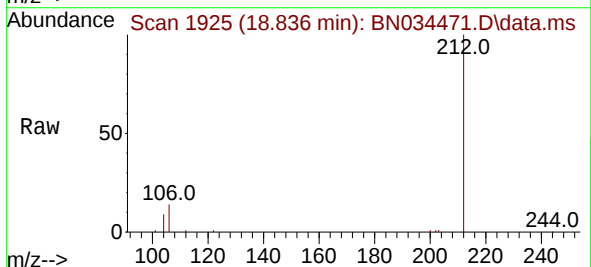
Tgt Ion:212 Resp: 18552

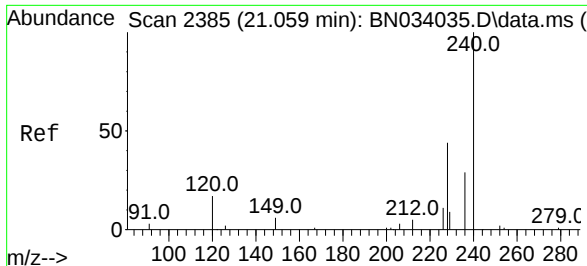
Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.1 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034471.D

Acq: 08 Oct 2024 14:57

Instrument :

BNA_N

ClientSampleId :

TT172S1-20240924

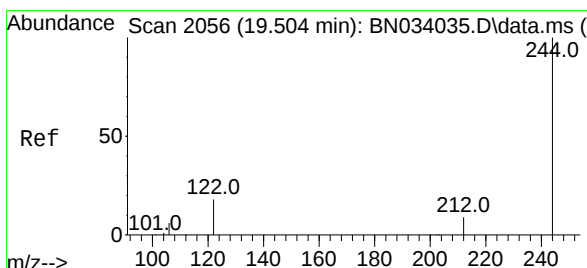
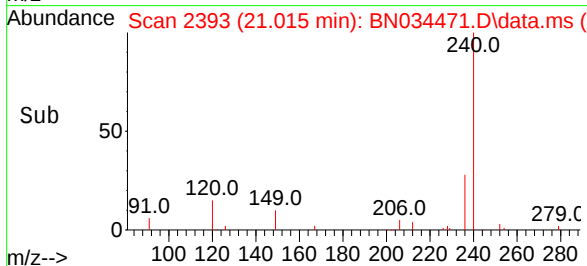
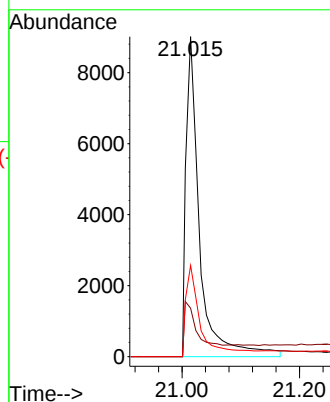
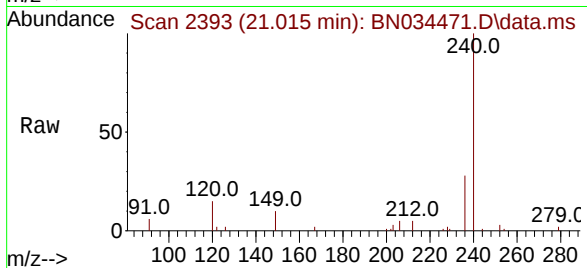
Tgt Ion:240 Resp: 14343

Ion Ratio Lower Upper

240 100

120 15.1 13.5 20.3

236 28.5 23.4 35.0



#31

Terphenyl-d14

Concen: 0.443 ng

RT: 19.454 min Scan# 2058

Delta R.T. -0.014 min

Lab File: BN034471.D

Acq: 08 Oct 2024 14:57

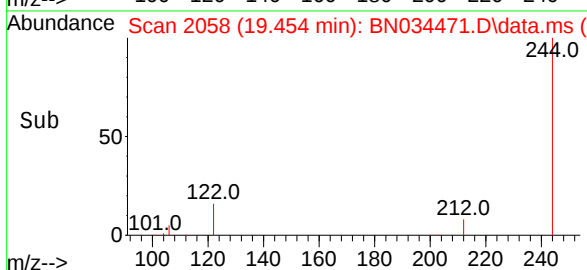
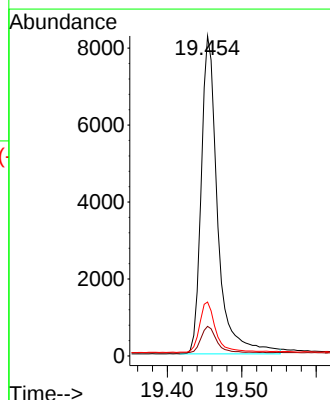
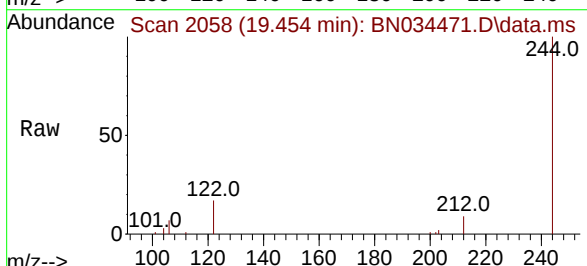
Tgt Ion:244 Resp: 12703

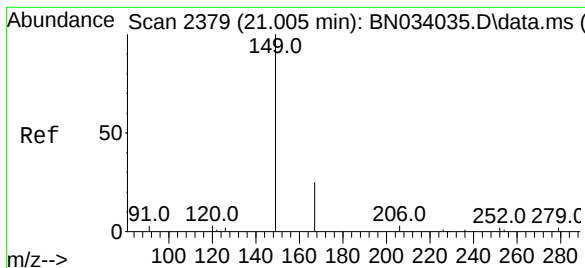
Ion Ratio Lower Upper

244 100

212 9.2 7.8 11.6

122 16.8 14.8 22.2

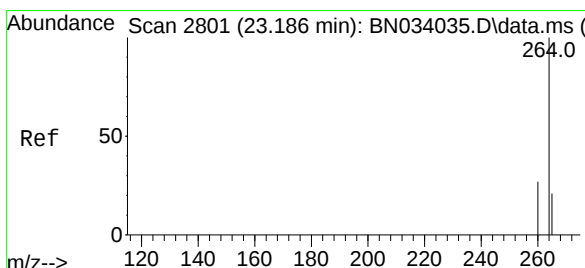
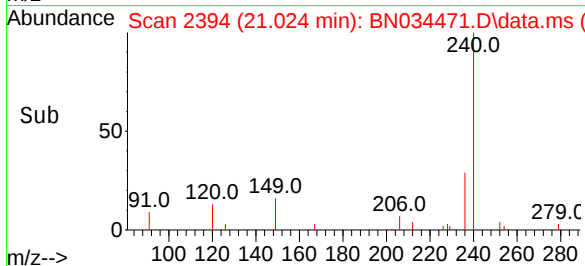
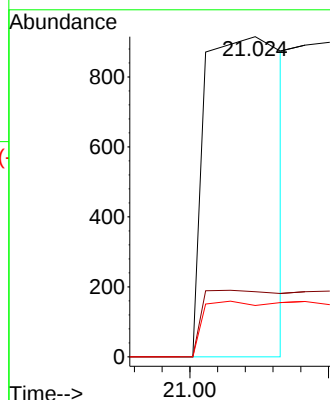
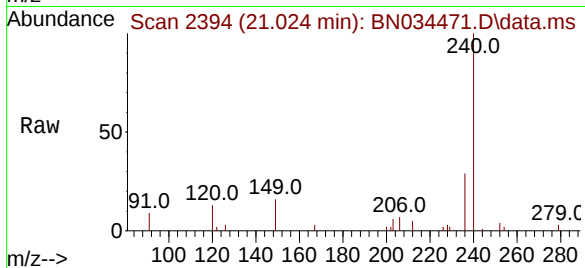




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.024 min Scan# 24
 Delta R.T. 0.018 min
 Lab File: BN034471.D
 Acq: 08 Oct 2024 14:57

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20240924

Tgt Ion:149 Resp: 1542
 Ion Ratio Lower Upper
 149 100
 167 21.0 19.9 29.9
 279 12.1 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.128 min Scan# 2794
 Delta R.T. 0.000 min
 Lab File: BN034471.D
 Acq: 08 Oct 2024 14:57

Tgt Ion:264 Resp: 15964
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.7 32.5
 265 71.0 52.1 78.1

