

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035778.D
 Acq On : 23 Dec 2024 11:32
 Operator : RC/JU
 Sample : P5281-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212

Quant Time: Dec 23 12:01:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

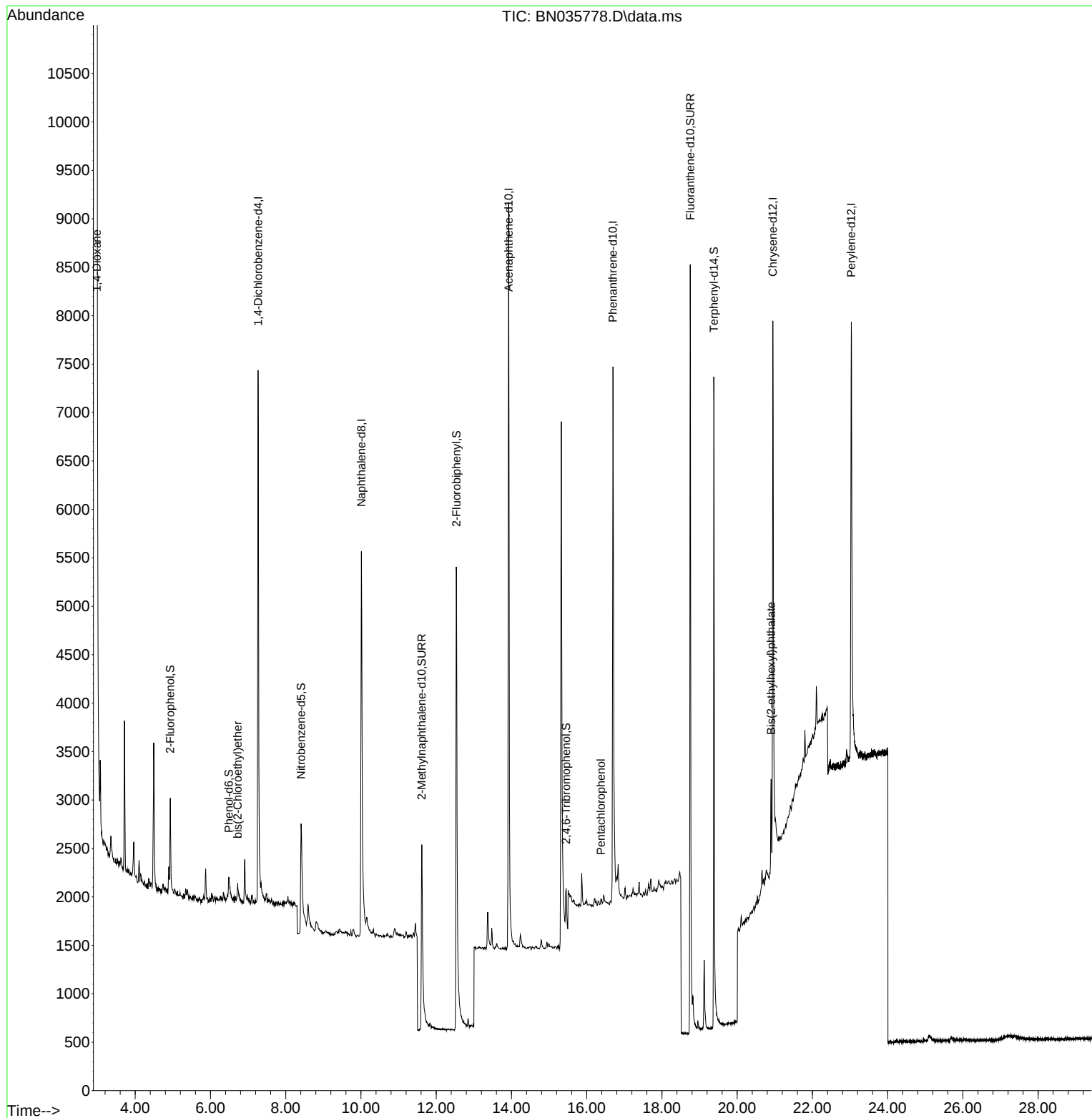
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3150	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7756	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	5021	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9829	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7584	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7486	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	928	0.118	ng	0.00
5) Phenol-d6	6.484	99	505	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	2174	0.459	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4519	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	614	0.172	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6952	0.366	ng	0.00
27) Fluoranthene-d10	18.752	212	11103	0.398	ng	0.00
31) Terphenyl-d14	19.379	244	8265	0.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	17364	5.766	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	256	0.032	ng	92
24) Pentachlorophenol	16.375	266	70	0.024	ng	# 75
34) Bis(2-ethylhexyl)phtha...	20.902	149	1077	0.103	ng	# 96

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

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Operator : RC/JU
Sample : P5281-04
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

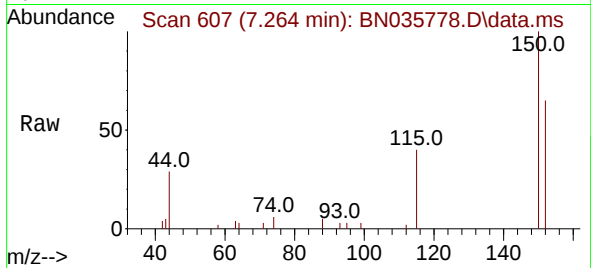
Quant Time: Dec 23 12:01:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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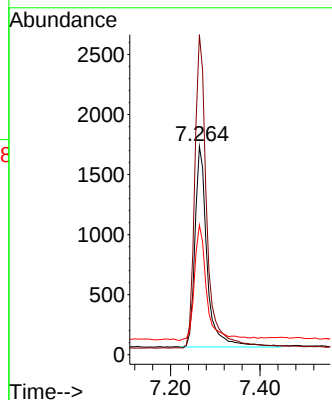
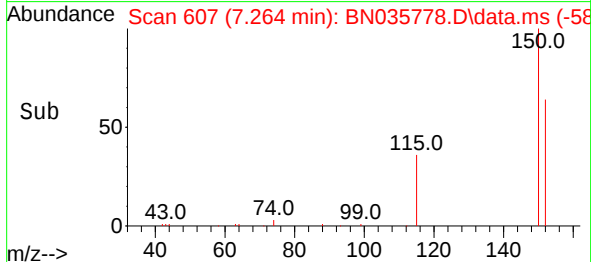


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

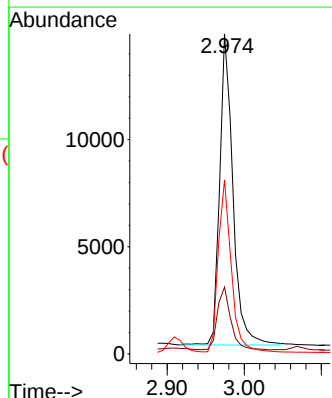
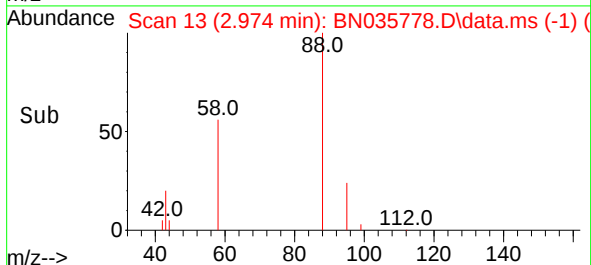
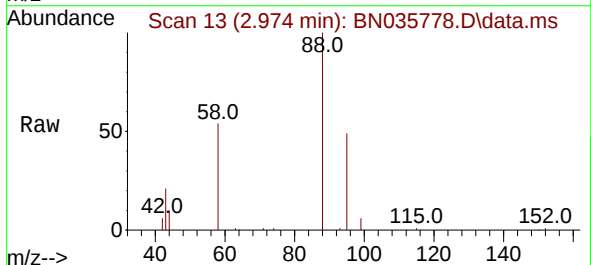


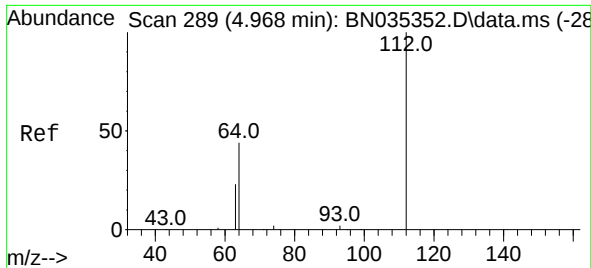
Tgt Ion:152 Resp: 3150
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 62.2 49.6 74.4



#2
1,4-Dioxane
Concen: 5.766 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion: 88 Resp: 17364
Ion Ratio Lower Upper
88 100
43 20.0 17.2 25.8
58 54.0 44.5 66.7

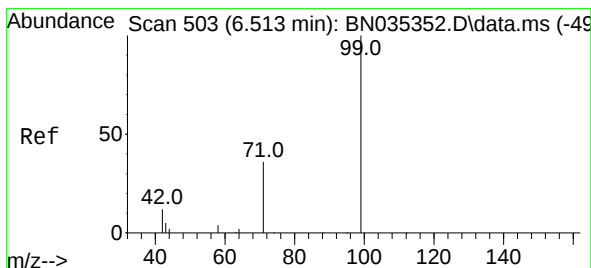
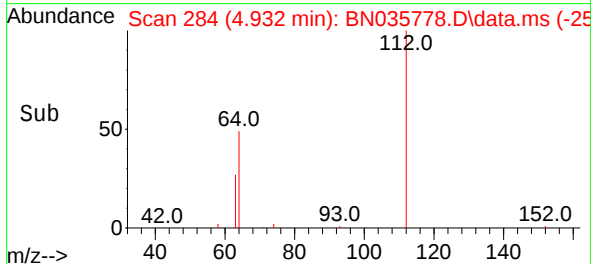
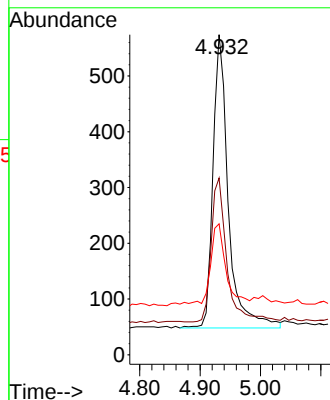
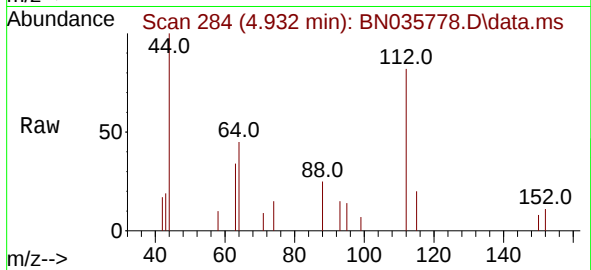




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

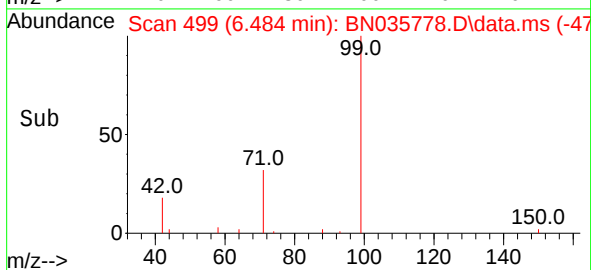
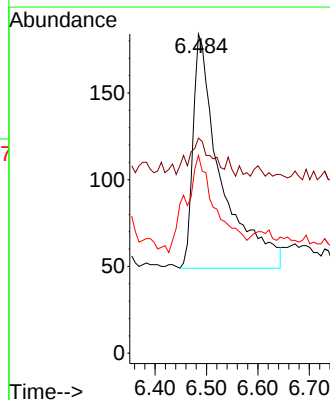
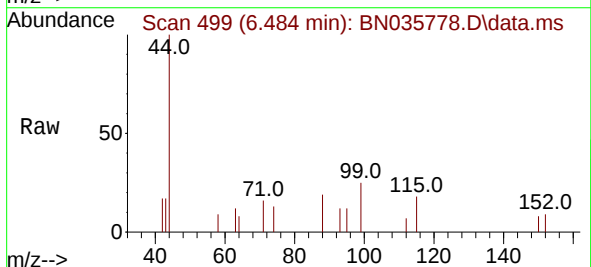
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

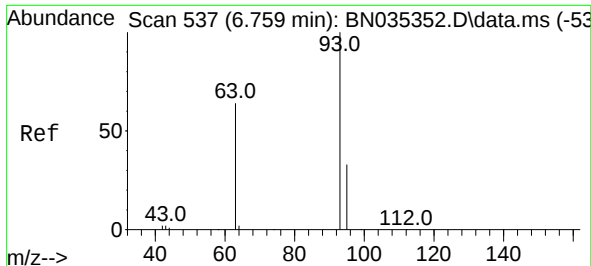
Tgt Ion:112 Resp: 928
Ion Ratio Lower Upper
112 100
64 50.0 39.8 59.8
63 27.8 21.0 31.6



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 11.7 11.4 17.2
71 45.5 29.3 43.9#

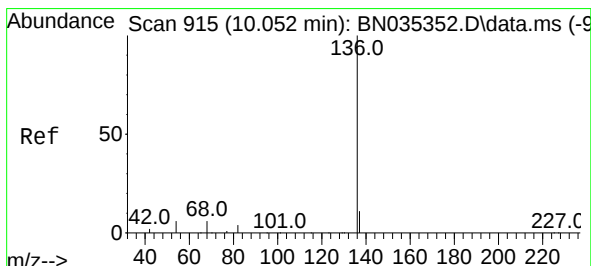
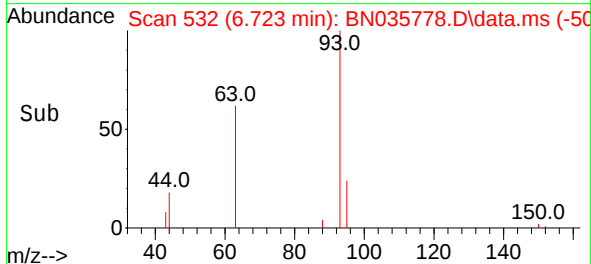
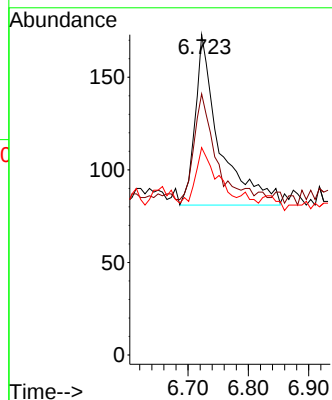
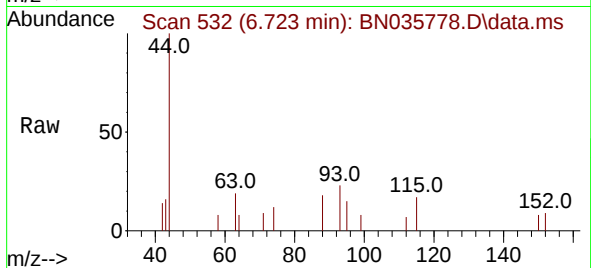




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.723 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

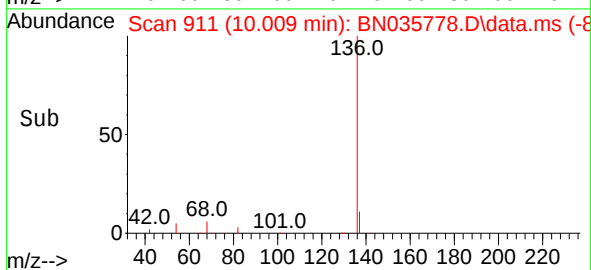
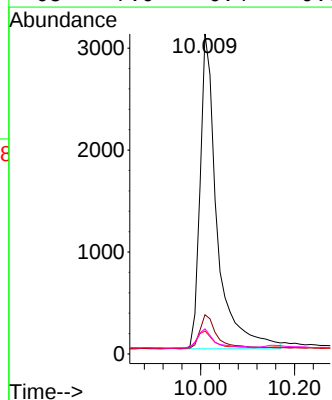
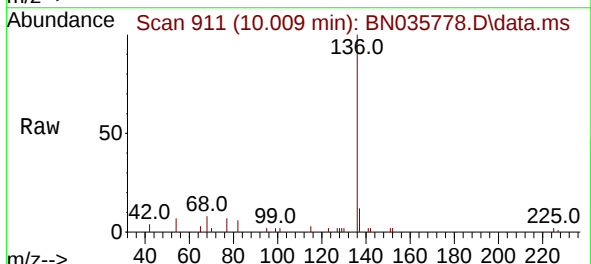
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

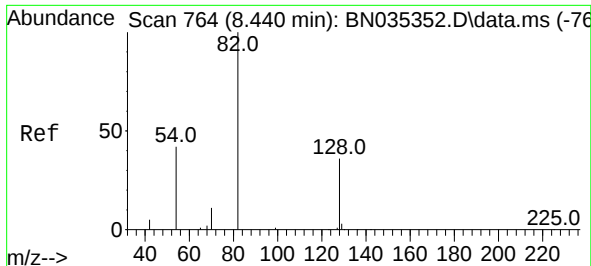
Tgt Ion: 93	Resp:	256
Ion Ratio	Lower	Upper
93	100	
63	57.8	50.4 75.6
95	27.0	25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion: 136	Resp:	7756
Ion Ratio	Lower	Upper
136	100	
137	12.2	10.2 15.2
54	7.2	6.1 9.1
68	7.9	6.4 9.6

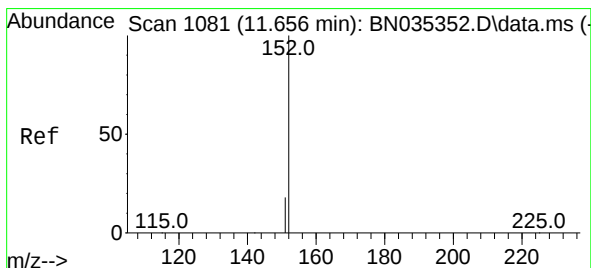
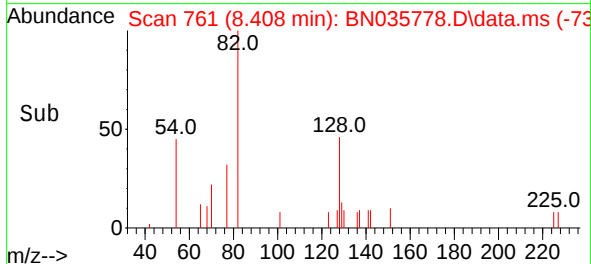
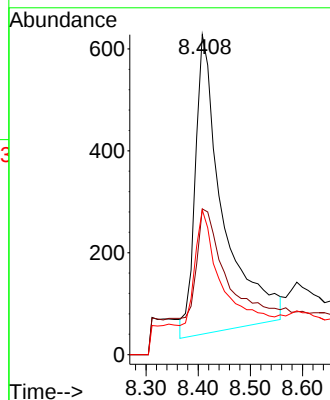
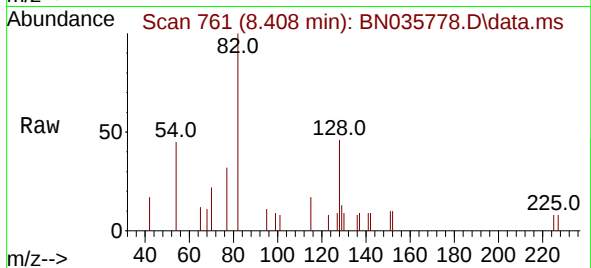




#8
Nitrobenzene-d5
Concen: 0.459 ng
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

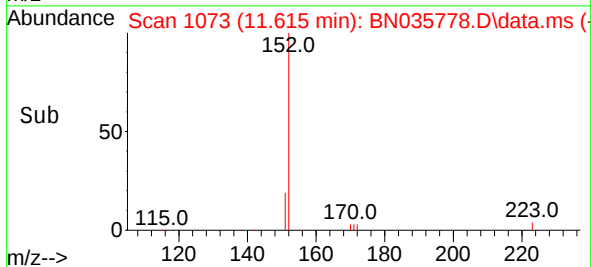
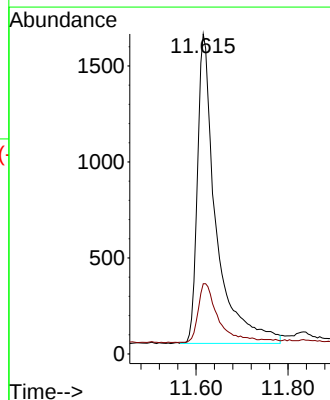
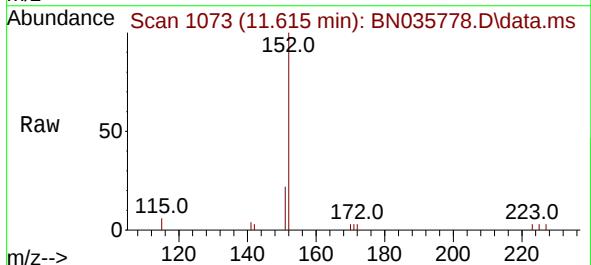
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

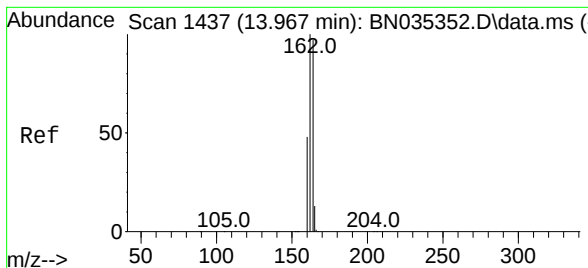
Tgt Ion: 82 Resp: 2174
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 45.2 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.615 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion: 152 Resp: 4519
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

Instrument :

BNA_N

ClientSampleId :

TT101D2-20241212

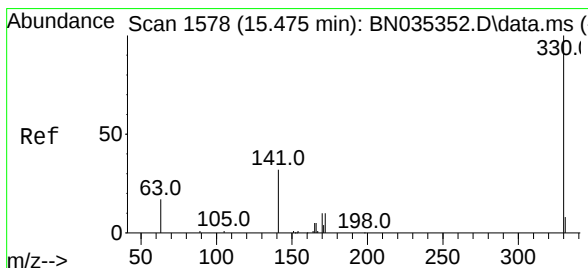
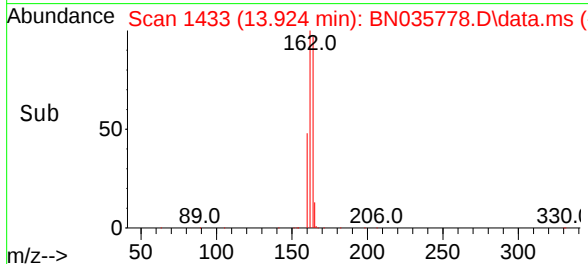
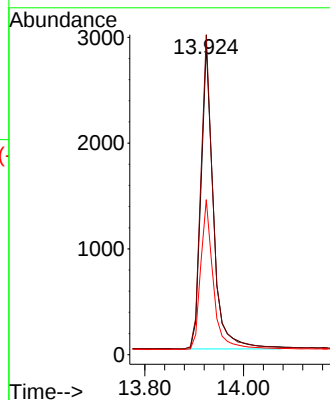
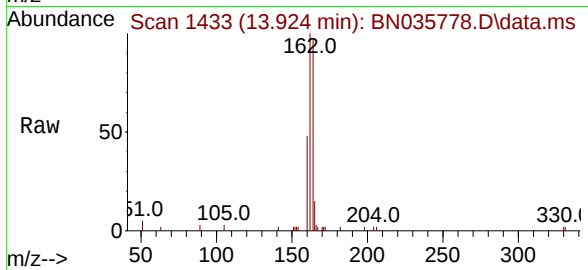
Tgt Ion:164 Resp: 5021

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

160 50.1 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.172 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

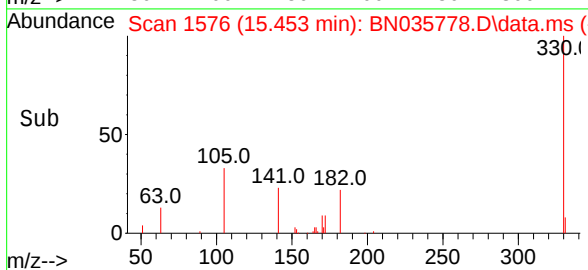
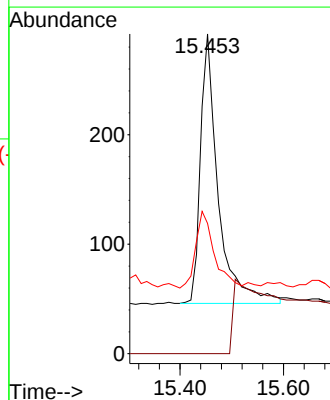
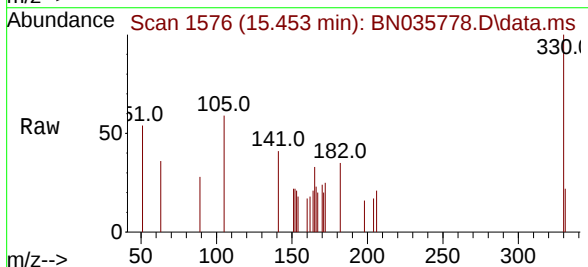
Tgt Ion:330 Resp: 614

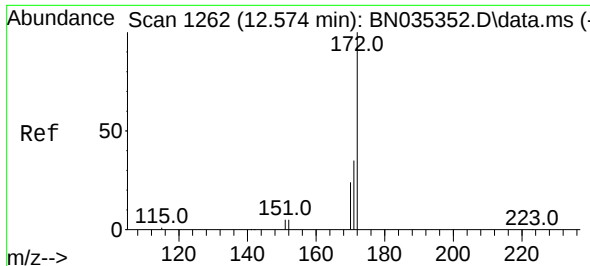
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 28.7 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.366 ng

RT: 12.538 min Scan# 1677

Delta R.T. -0.005 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

Instrument :

BNA_N

ClientSampleId :

TT101D2-20241212

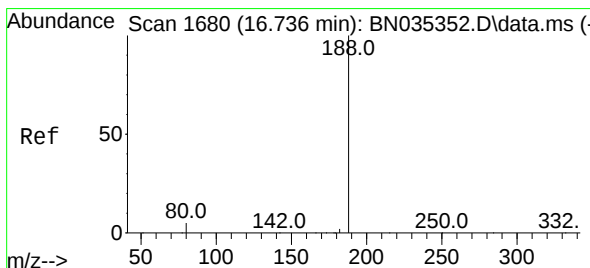
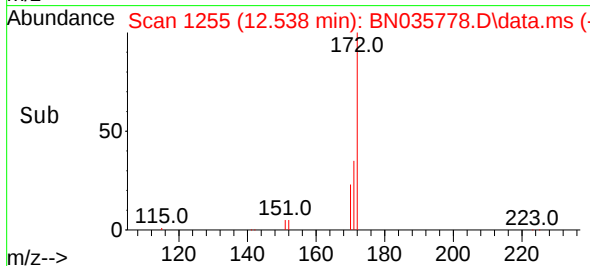
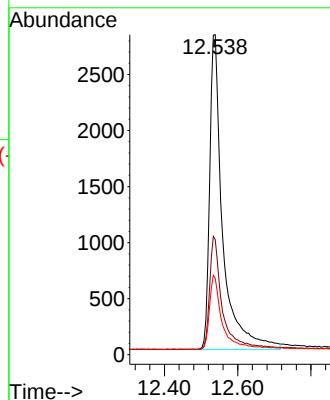
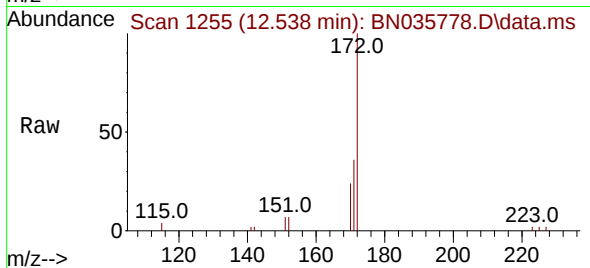
Tgt Ion:172 Resp: 6952

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.9 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

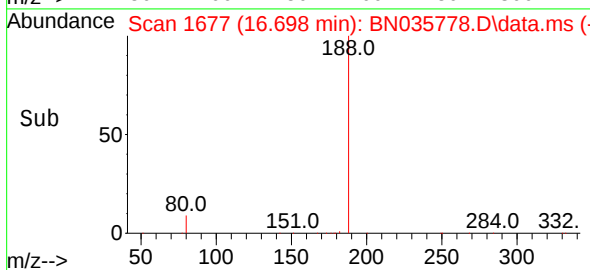
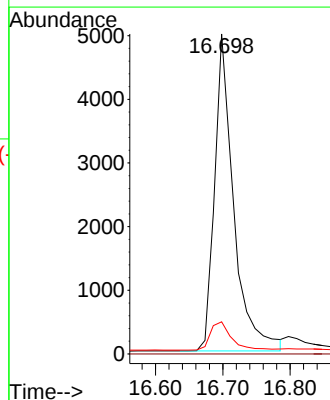
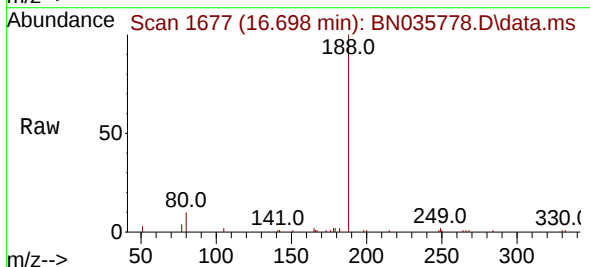
Tgt Ion:188 Resp: 9829

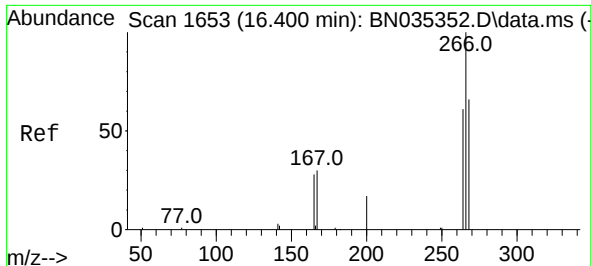
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 4.6 6.8#

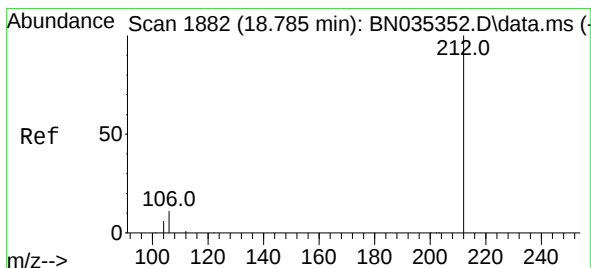
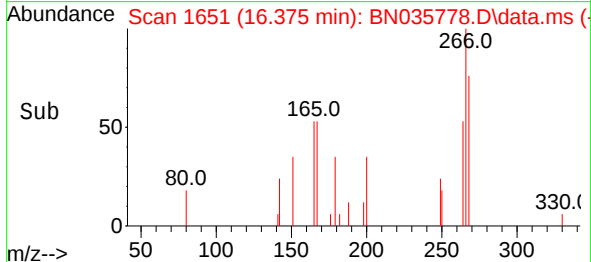
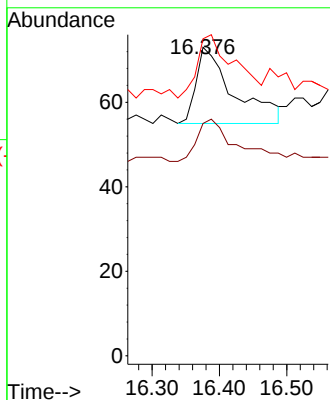
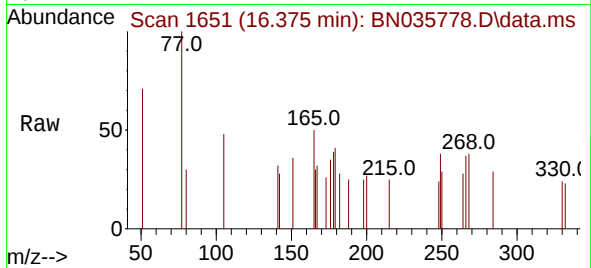




#24
 Pentachlorophenol
 Concen: 0.024 ng
 RT: 16.375 min Scan# 1651
 Delta R.T. -0.000 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

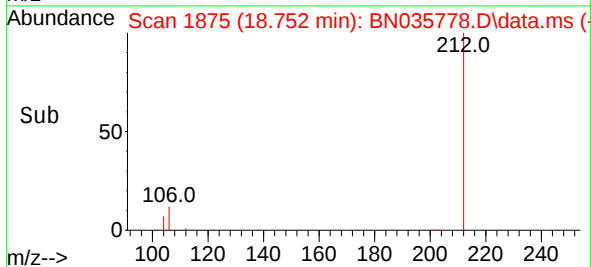
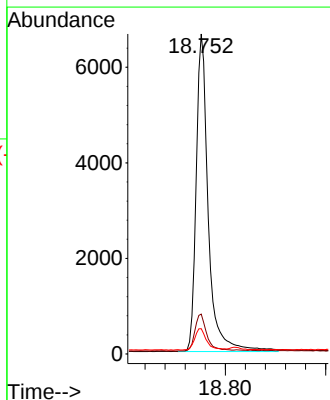
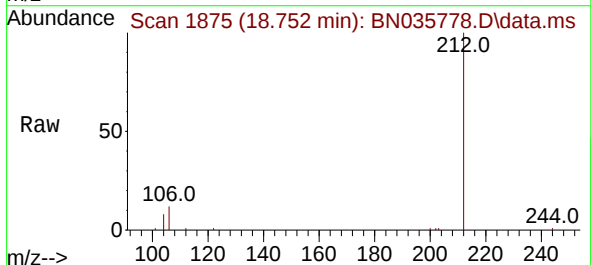
Instrument :
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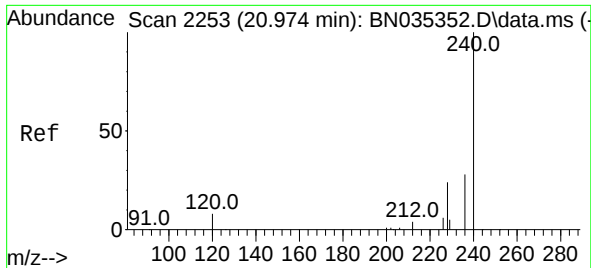
Tgt Ion:266 Resp: 70
 Ion Ratio Lower Upper
 266 100
 264 60.0 42.3 63.5
 268 82.9 43.3 64.9#



#27
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 18.752 min Scan# 1875
 Delta R.T. -0.009 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

Tgt Ion:212 Resp: 11103
 Ion Ratio Lower Upper
 212 100
 106 11.5 9.2 13.8
 104 6.6 5.3 7.9

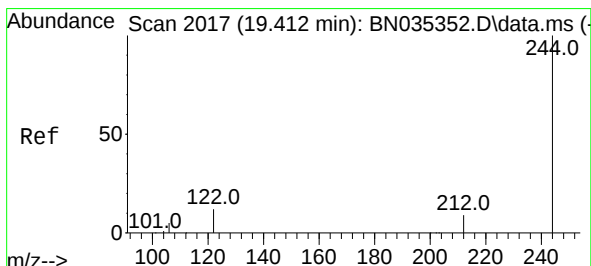
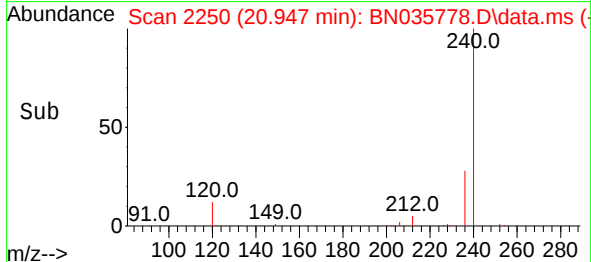
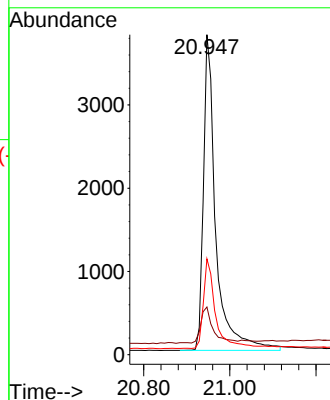
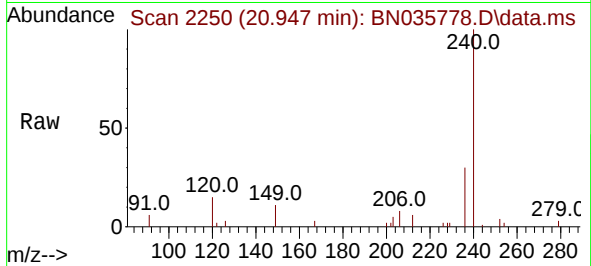




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

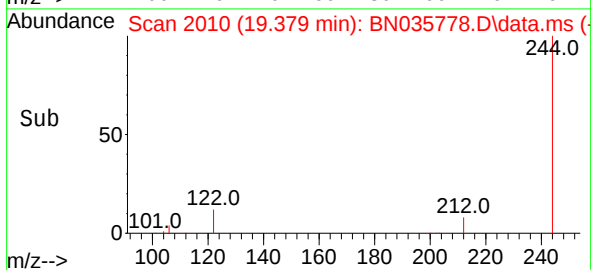
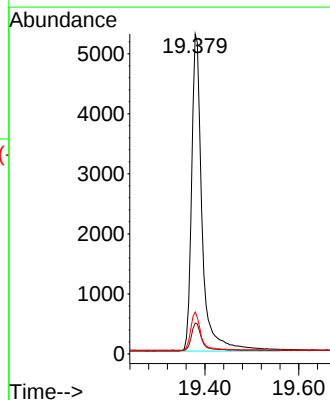
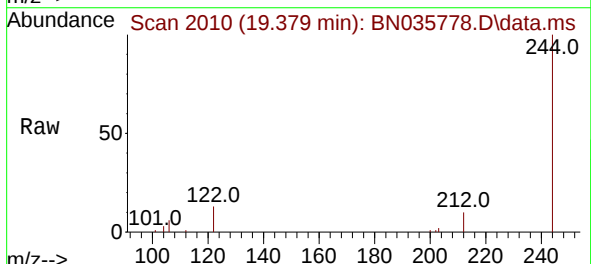
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

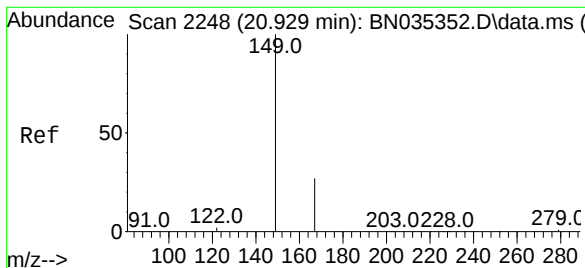
Tgt Ion:240 Resp: 7584
Ion Ratio Lower Upper
240 100
120 14.9 7.9 11.9#
236 30.0 22.9 34.3



#31
Terphenyl-d14
Concen: 0.552 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion:244 Resp: 8265
Ion Ratio Lower Upper
244 100
212 9.6 8.1 12.1
122 13.1 10.3 15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.103 ng

RT: 20.902 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

Instrument :

BNA_N

ClientSampleId :

TT101D2-20241212

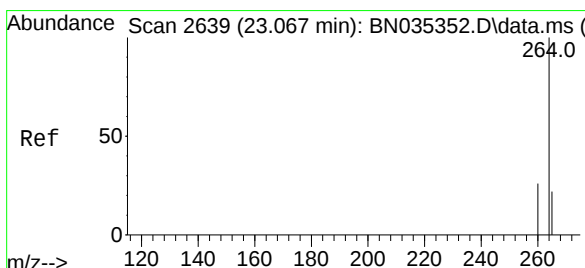
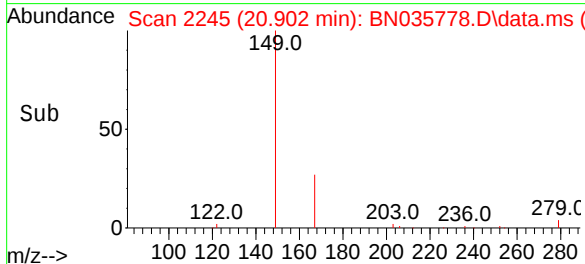
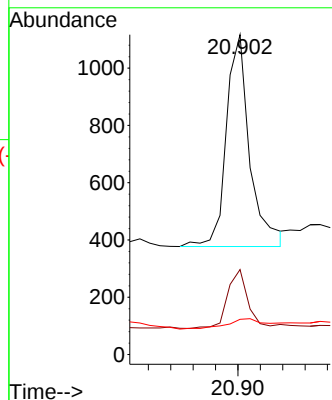
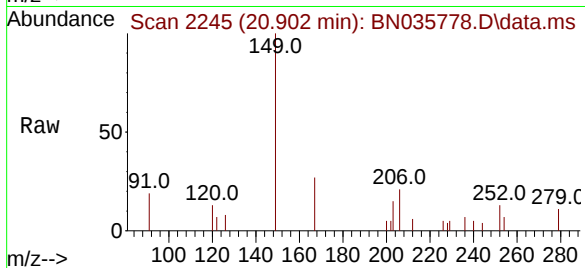
Tgt Ion:149 Resp: 1077

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.4

279 7.7 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.032 min Scan# 2627

Delta R.T. -0.009 min

Lab File: BN035778.D

Acq: 23 Dec 2024 11:32

Tgt Ion:264 Resp: 7486

Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 91.2 40.2 60.4#

