

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035781.D
 Acq On : 23 Dec 2024 13:19
 Operator : RC/JU
 Sample : P5317-17
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-06-20241217

Quant Time: Dec 23 13:56:08 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)

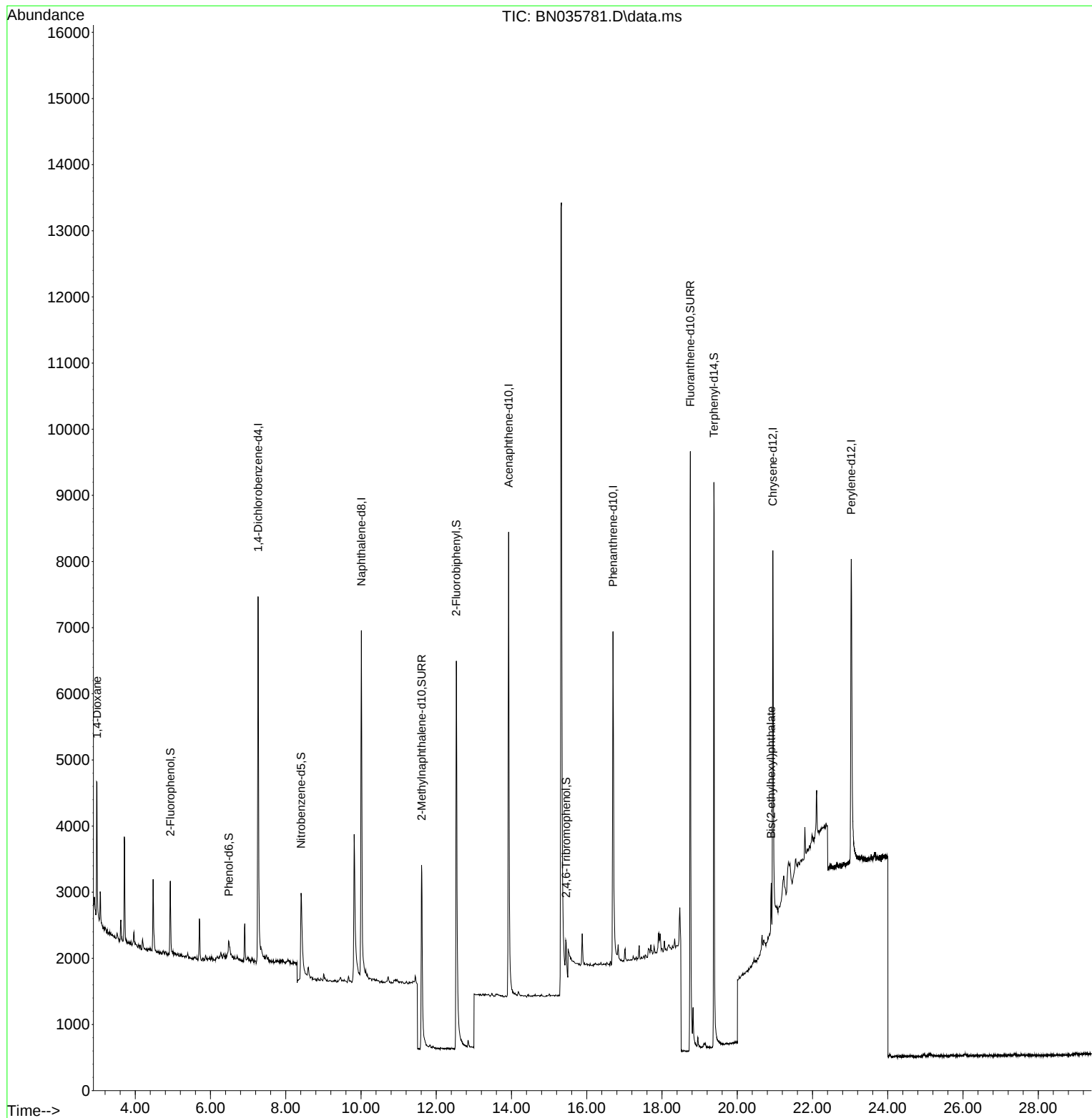
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3246	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8200	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4641	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9144	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7343	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	7454	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1082	0.133	ng	0.00
5) Phenol-d6	6.484	99	575	0.059	ng	0.00
8) Nitrobenzene-d5	8.408	82	2466	0.492	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	5355	0.417	ng	-0.01
14) 2,4,6-Tribromophenol	15.453	330	733	0.222	ng	0.00
15) 2-Fluorobiphenyl	12.533	172	7800	0.445	ng	-0.01
27) Fluoranthene-d10	18.752	212	12266	0.473	ng	0.00
31) Terphenyl-d14	19.379	244	9828	0.678	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	1543	0.497	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	780	0.077	ng	100

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

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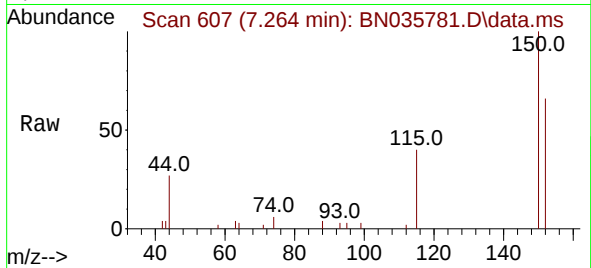
Quant Time: Dec 23 13:56:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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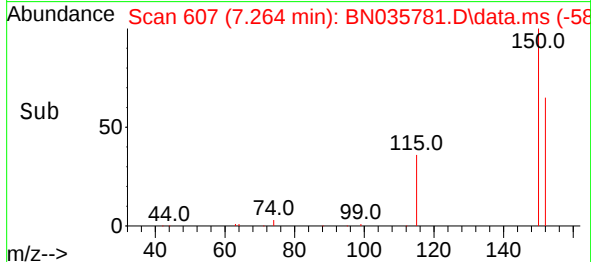
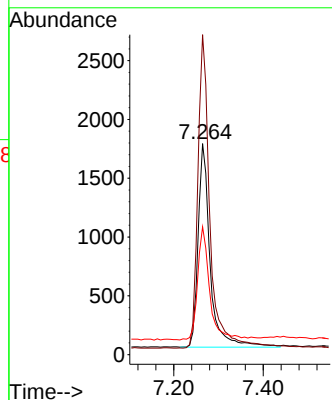


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN035781.D
Acq: 23 Dec 2024 13:19

Instrument :
BNA_N
ClientSampleId :
DUP-06-20241217

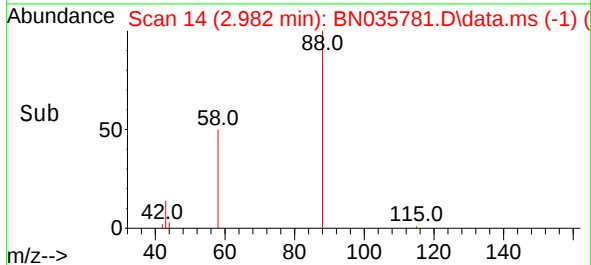
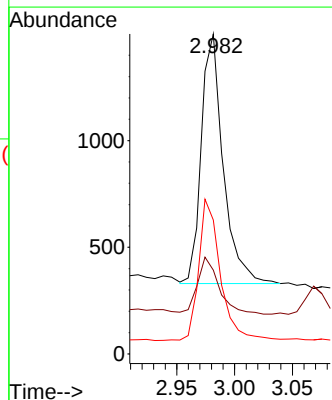
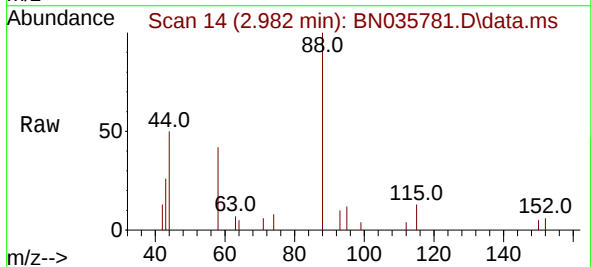


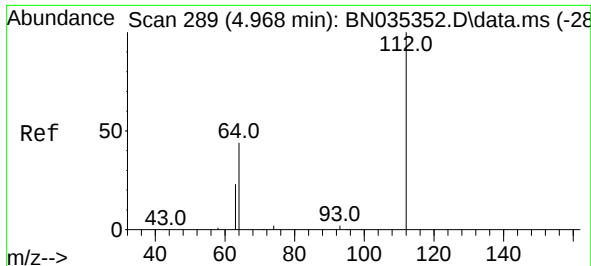
Tgt Ion:152 Resp: 3246
Ion Ratio Lower Upper
152 100
150 151.7 124.0 186.0
115 60.6 49.6 74.4



#2
1,4-Dioxane
Concen: 0.497 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035781.D
Acq: 23 Dec 2024 13:19

Tgt Ion: 88 Resp: 1543
Ion Ratio Lower Upper
88 100
43 22.4 17.2 25.8
58 55.3 44.5 66.7

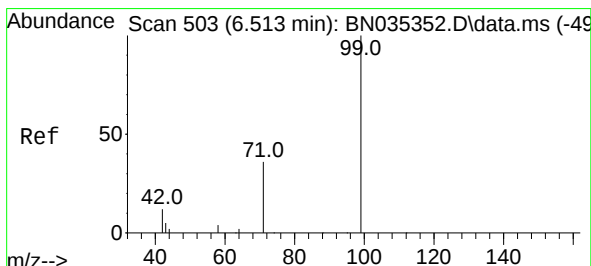
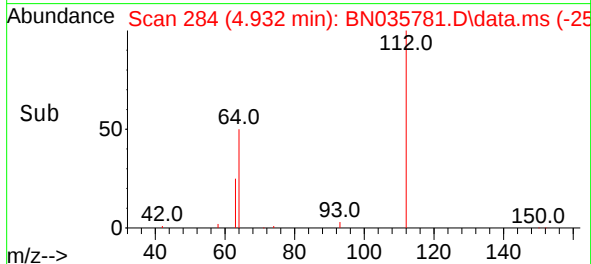
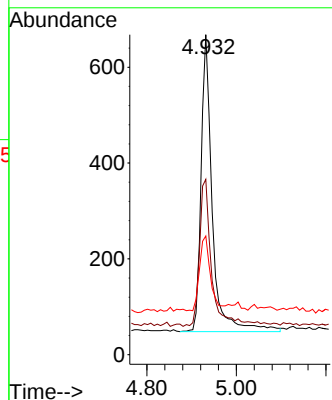
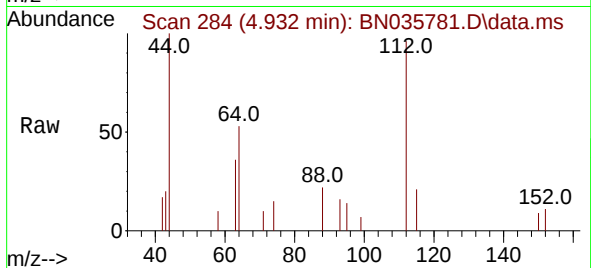




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035781.D
Acq: 23 Dec 2024 13:19

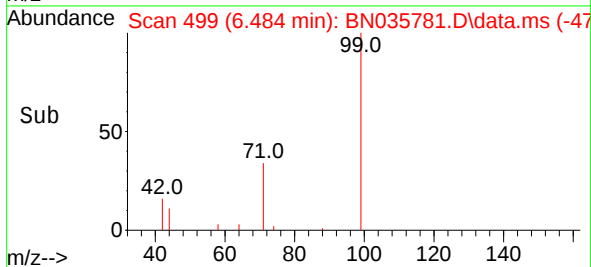
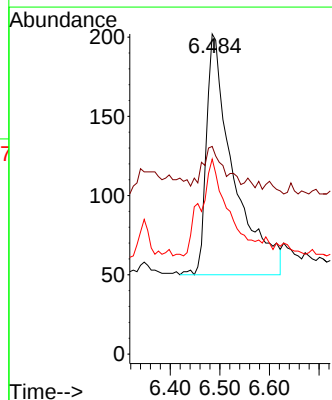
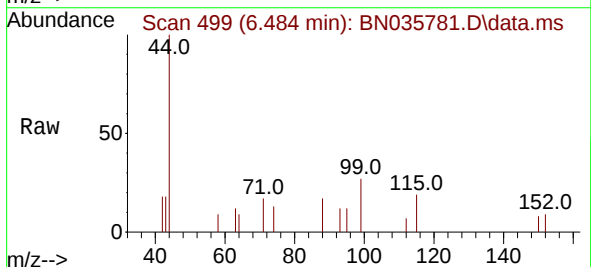
Instrument :
BNA_N
ClientSampleId :
DUP-06-20241217

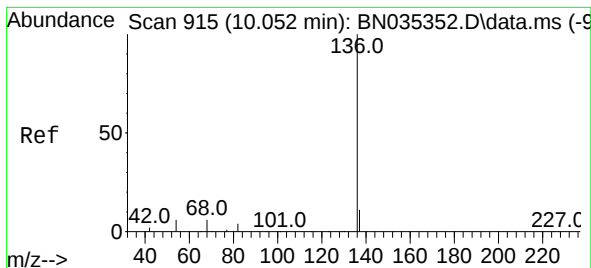
Tgt Ion:112 Resp: 1082
Ion Ratio Lower Upper
112 100
64 54.9 39.8 59.8
63 24.0 21.0 31.6



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035781.D
Acq: 23 Dec 2024 13:19

Tgt Ion: 99 Resp: 575
Ion Ratio Lower Upper
99 100
42 12.2 11.4 17.2
71 40.5 29.3 43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.009 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

Instrument :

BNA_N

ClientSampleId :

DUP-06-20241217

Tgt Ion:136 Resp: 8200

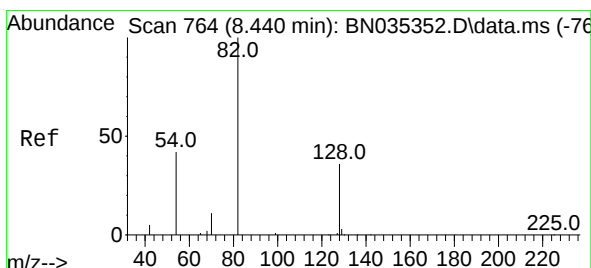
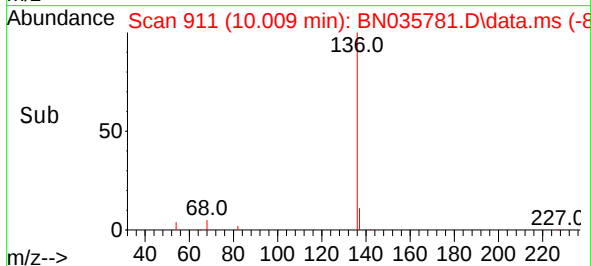
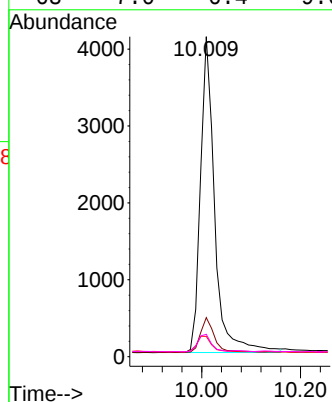
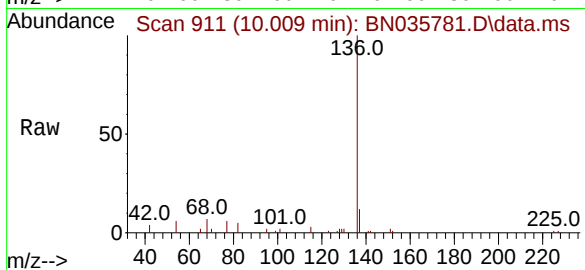
Ion Ratio Lower Upper

136 100

137 12.2 10.2 15.2

54 6.4 6.1 9.1

68 7.0 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.492 ng

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

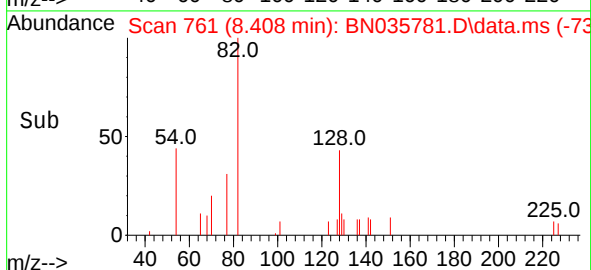
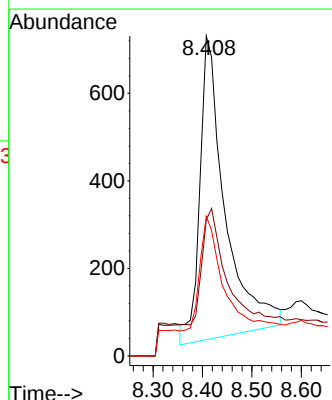
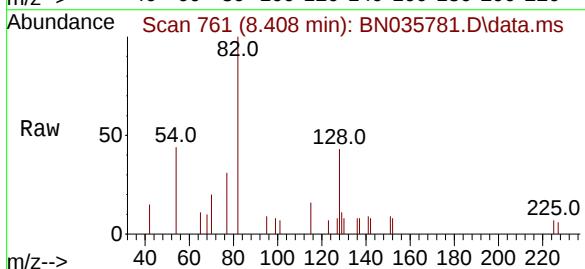
Tgt Ion: 82 Resp: 2466

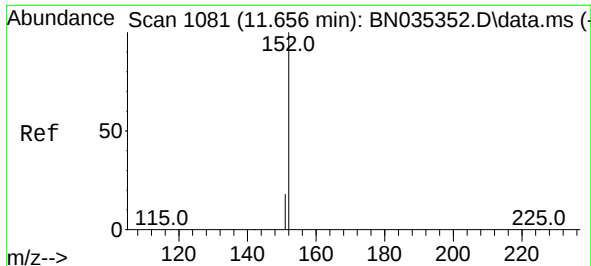
Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 43.6 36.7 55.1





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.610 min Scan# 1081

Delta R.T. -0.010 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

Instrument :

BNA_N

ClientSampleId :

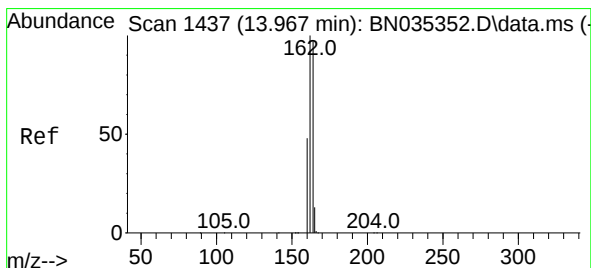
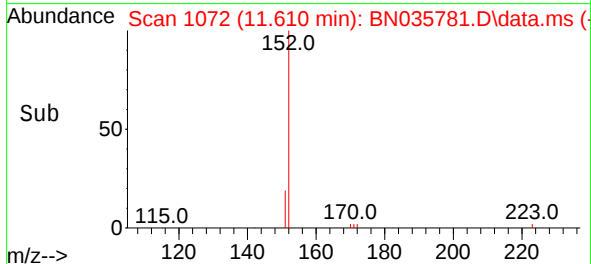
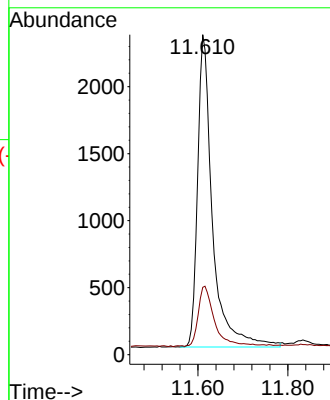
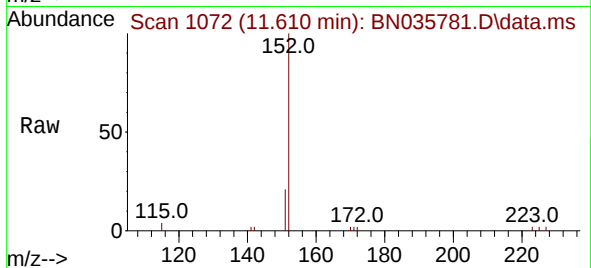
DUP-06-20241217

Tgt Ion:152 Resp: 5355

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

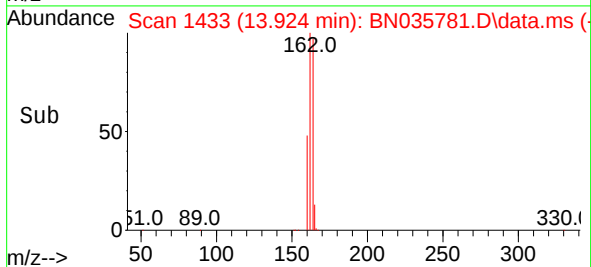
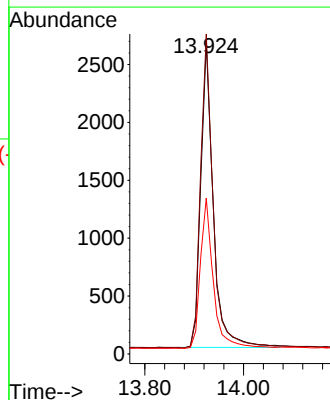
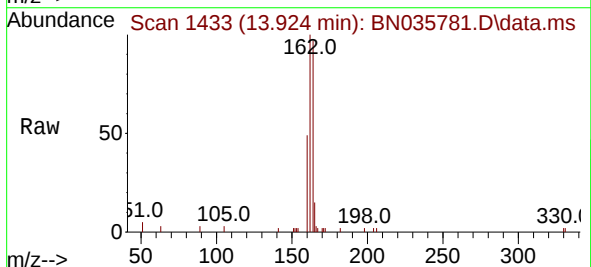
Tgt Ion:164 Resp: 4641

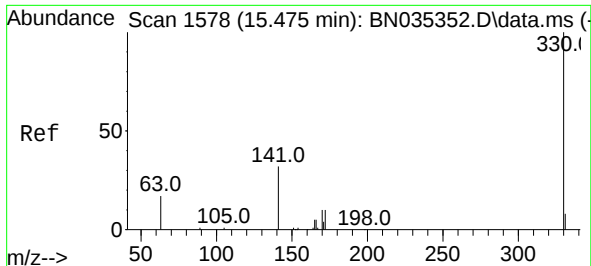
Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.2

160 50.1 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.222 ng

RT: 15.453 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

Instrument :

BNA_N

ClientSampleId :

DUP-06-20241217

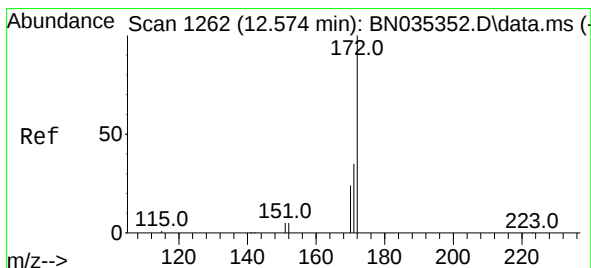
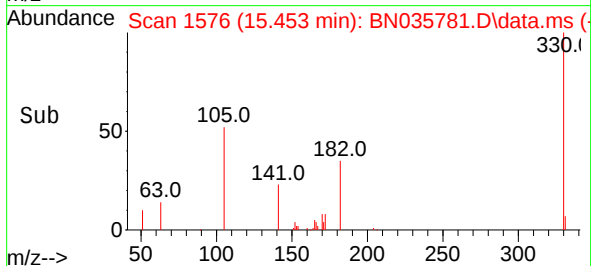
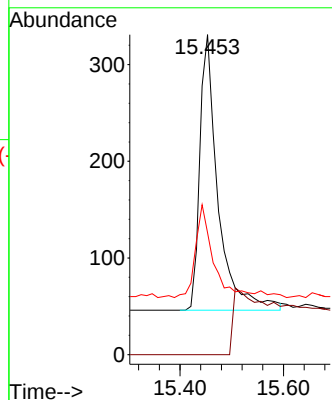
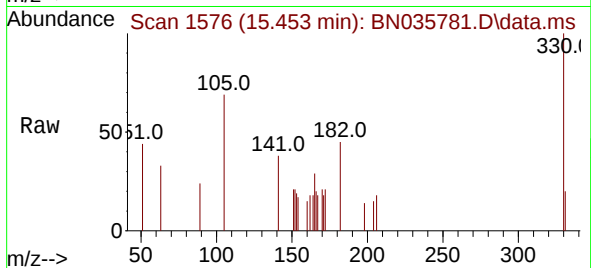
Tgt Ion:330 Resp: 733

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.2 26.6 40.0



#15

2-Fluorobiphenyl

Concen: 0.445 ng

RT: 12.533 min Scan# 1254

Delta R.T. -0.010 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

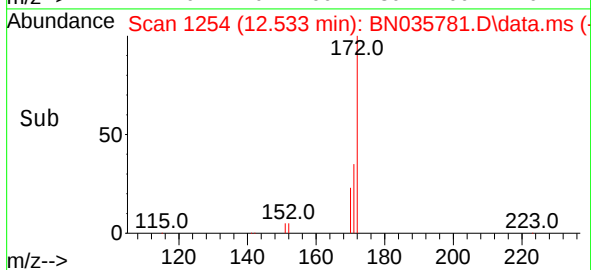
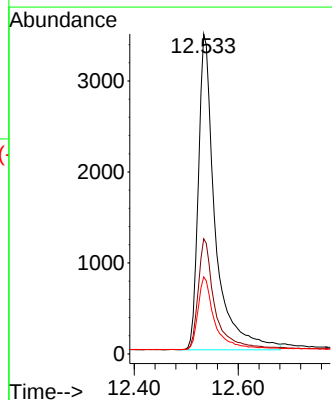
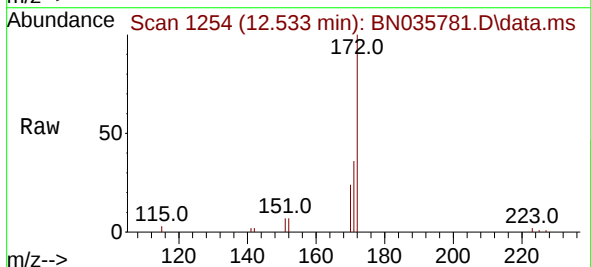
Tgt Ion:172 Resp: 7800

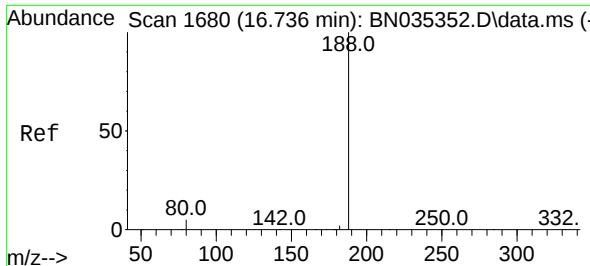
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 24.1 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

Instrument :

BNA_N

ClientSampleId :

DUP-06-20241217

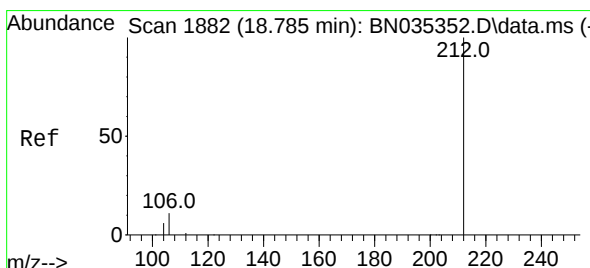
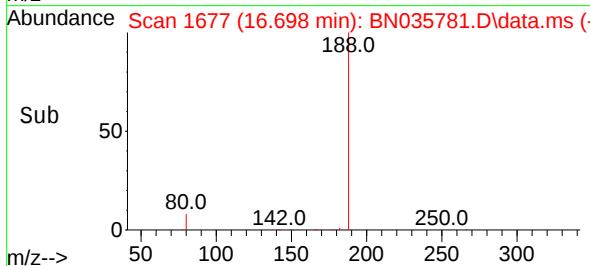
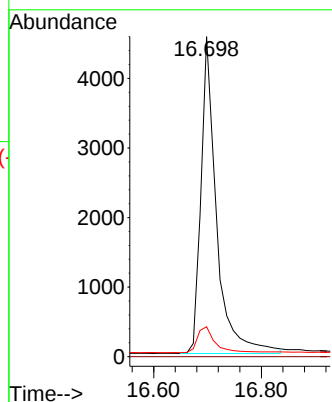
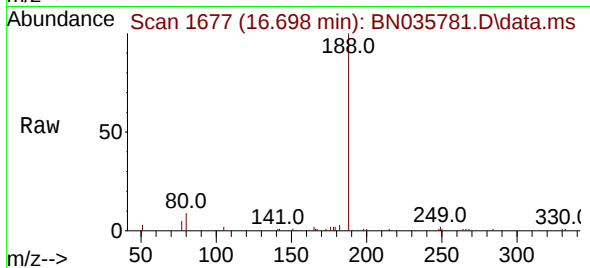
Tgt Ion:188 Resp: 9144

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.473 ng

RT: 18.752 min Scan# 1875

Delta R.T. -0.009 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

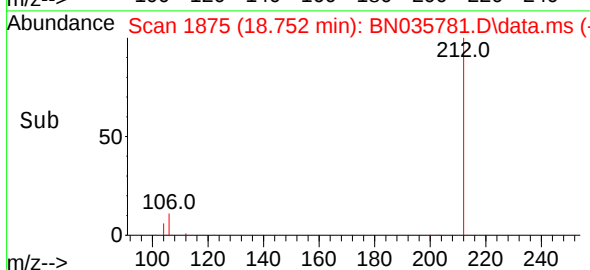
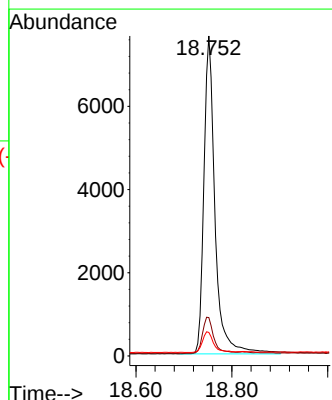
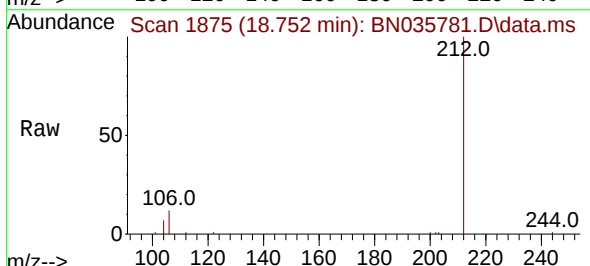
Tgt Ion:212 Resp: 12266

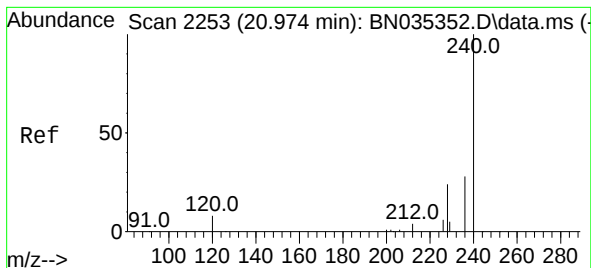
Ion Ratio Lower Upper

212 100

106 11.4 9.2 13.8

104 6.5 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: BN035781.D

Acq: 23 Dec 2024 13:19

Instrument :

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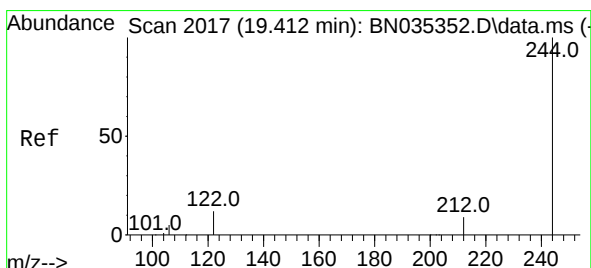
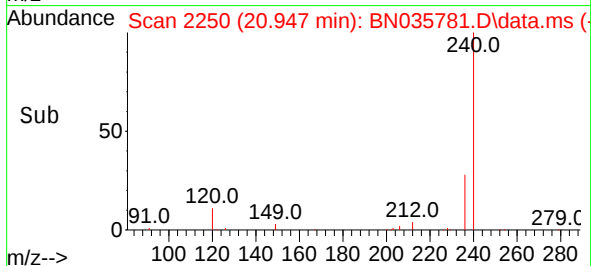
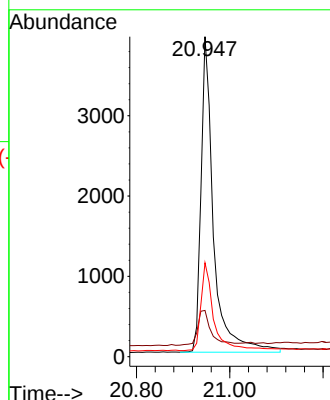
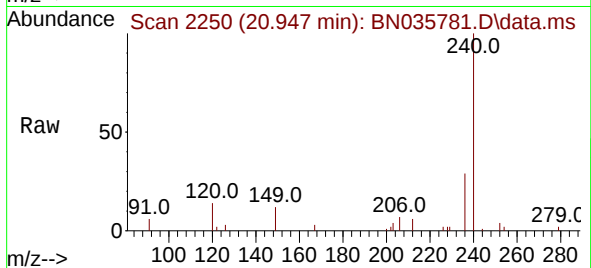
Tgt Ion:240 Resp: 7343

Ion Ratio Lower Upper

240 100

120 14.5 7.9 11.9#

236 29.3 22.9 34.3



#31

Terphenyl-d14

Concen: 0.678 ng

RT: 19.379 min Scan# 2010

Delta R.T. -0.009 min

Lab File: BN035781.D

Acq: 23 Dec 2024 13:19

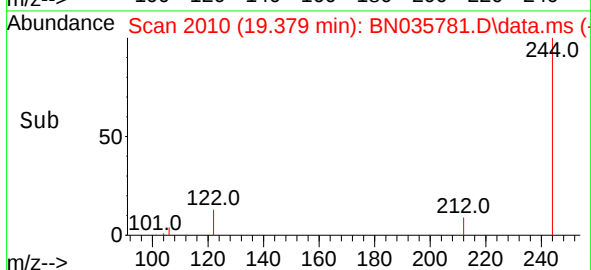
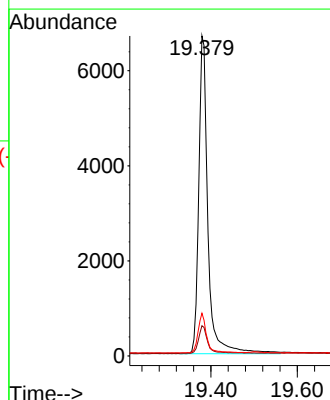
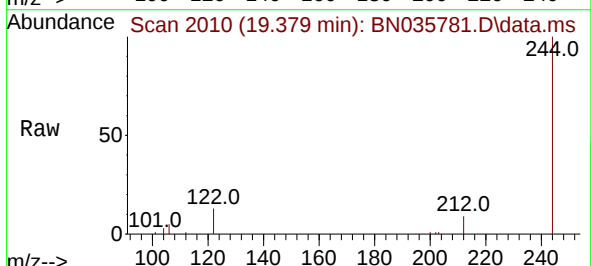
Tgt Ion:244 Resp: 9828

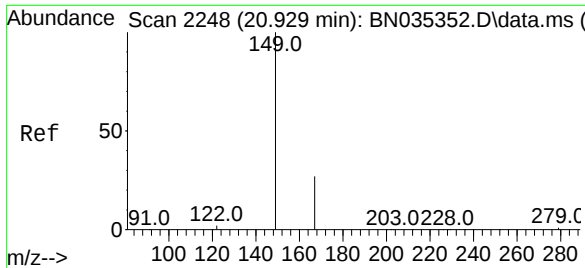
Ion Ratio Lower Upper

244 100

212 9.5 8.1 12.1

122 13.3 10.3 15.5

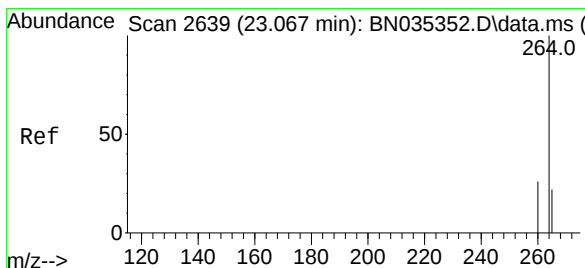
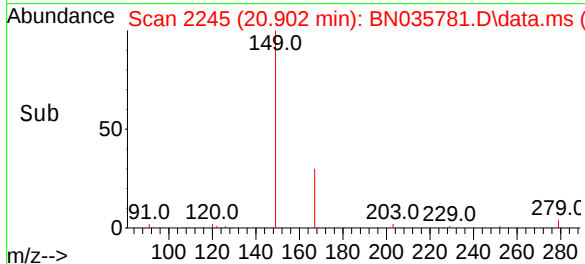
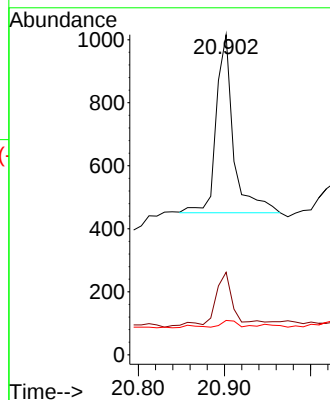
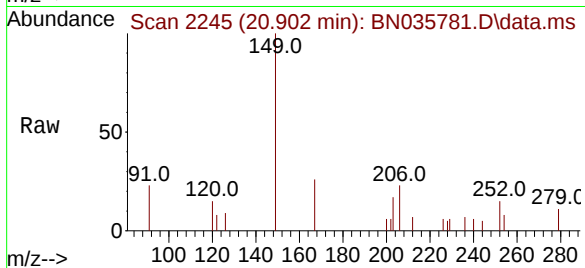




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035781.D
 Acq: 23 Dec 2024 13:19

Instrument :
 BNA_N
 ClientSampleId :
 DUP-06-20241217

Tgt Ion:149 Resp: 780
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 3.7 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035781.D
 Acq: 23 Dec 2024 13:19

Tgt Ion:264 Resp: 7454
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.2
 265 88.9 40.2 60.4#

