

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
 Data File : BN035362.D
 Acq On : 27 Nov 2024 23:20
 Operator : RC/JU
 Sample : P4969-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Quant Time: Nov 28 00:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

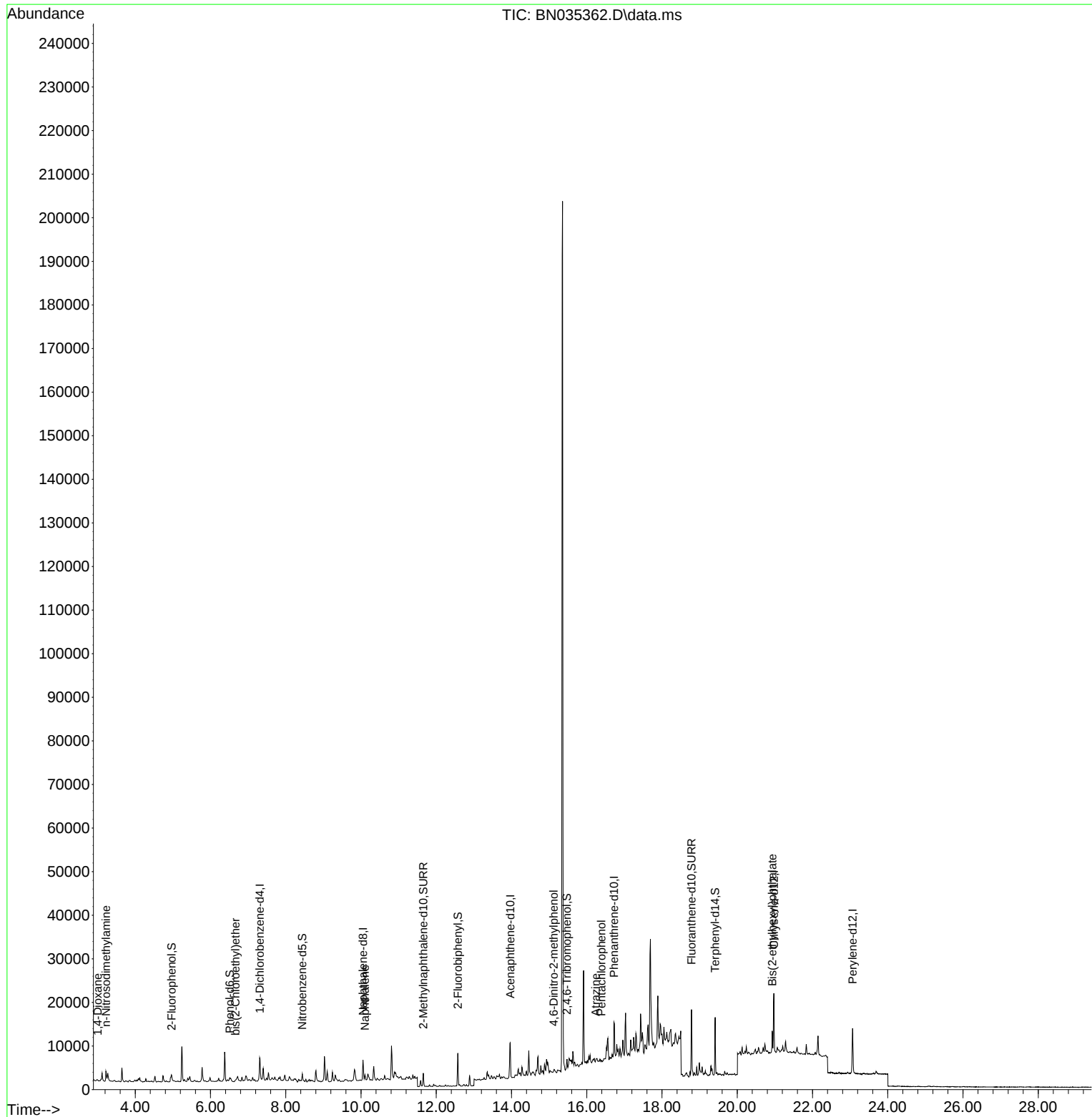
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	2270	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	6204	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	5199	0.400	ng	0.00
19) Phenanthrene-d10	16.723	188	12295	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	12256	0.400	ng	# 0.00
35) Perylene-d12	23.064	264	12355	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	788	0.139	ng	0.00
5) Phenol-d6	6.513	99	712	0.104	ng	0.00
8) Nitrobenzene-d5	8.440	82	1655	0.437	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	3944	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	1651	0.447	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	6613	0.336	ng	0.00
27) Fluoranthene-d10	18.785	212	16200	0.465	ng	0.00
31) Terphenyl-d14	19.412	244	12271	0.508	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.003	88	190	0.088	ng	# 72
3) n-Nitrosodimethylamine	3.220	42	539	0.298	ng	# 1
6) bis(2-Chloroethyl)ether	6.665	93	881	0.153	ng	# 31
9) Naphthalene	10.105	128	622	0.038	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.122	198	177	0.146	ng	# 1
23) Atrazine	16.239	200	280	0.055	ng	# 1
24) Pentachlorophenol	16.388	266	145	0.039	ng	# 68
34) Bis(2-ethylhexyl)phtha...	20.929	149	4900	0.289	ng	# 87

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

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Operator : RC/JU
Sample : P4969-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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TOWER-1

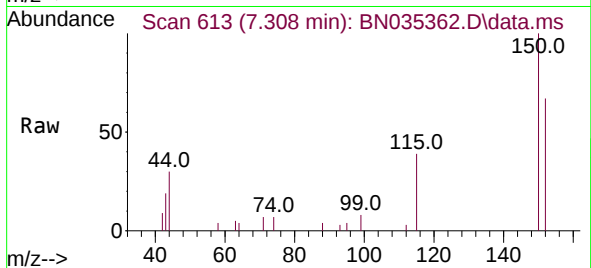
Quant Time: Nov 28 00:31:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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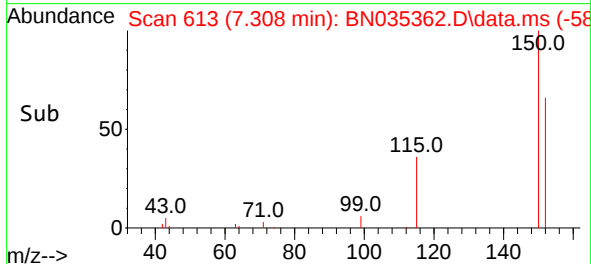
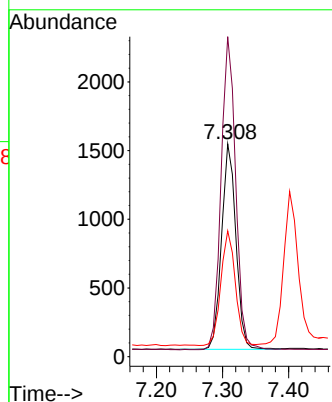


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.308 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

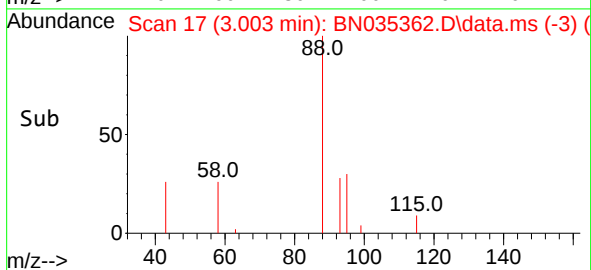
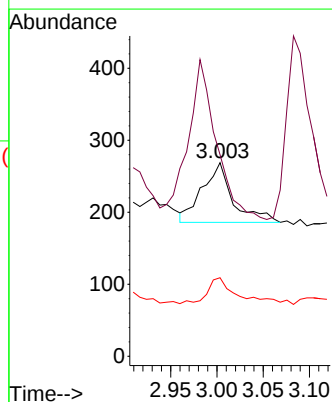
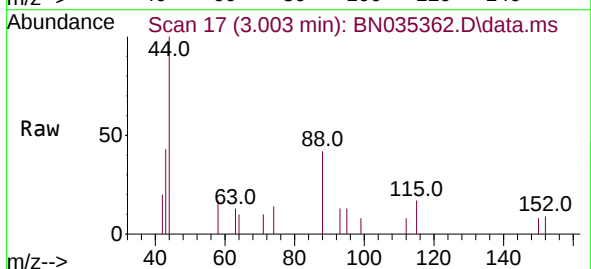


Tgt Ion:152 Resp: 2270
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.0 186.0
 115 59.1 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.088 ng
 RT: 3.003 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20

Tgt Ion: 88 Resp: 190
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.2 25.8#
 58 40.0 44.5 66.7#

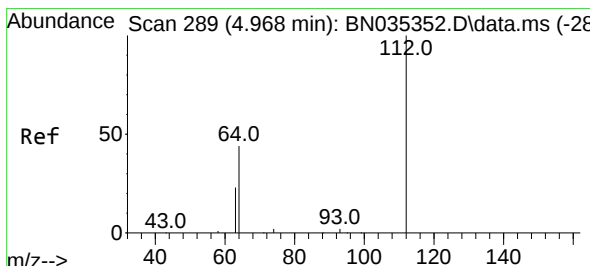
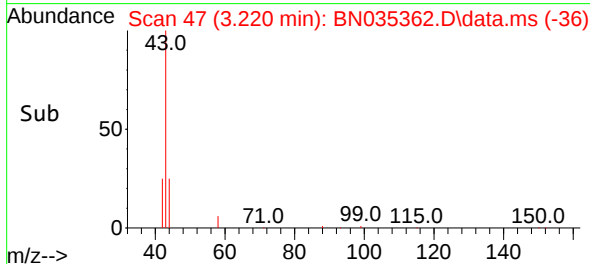
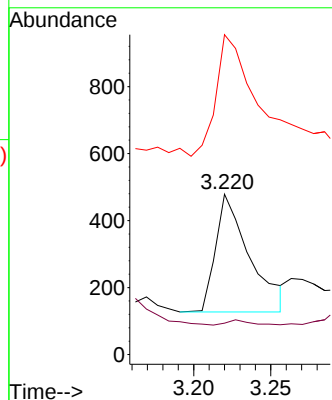
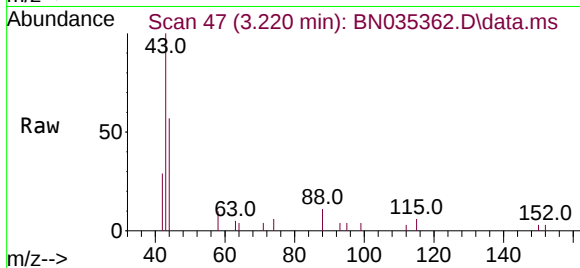




#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.220 min Scan# 41
Delta R.T. -0.072 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

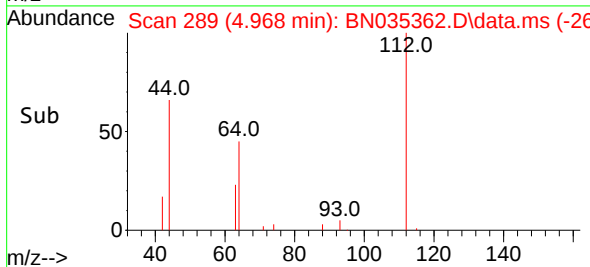
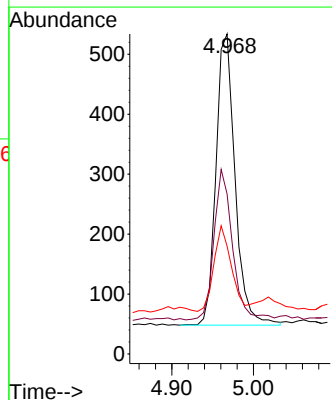
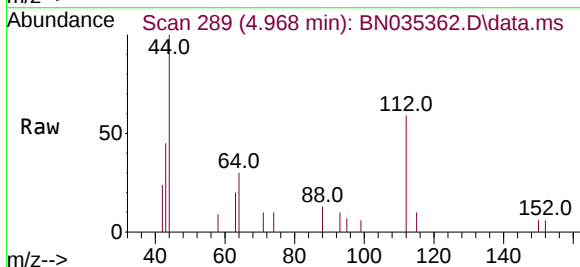
Instrument :
BNA_N
ClientSampleId :
TOWER-1

Tgt Ion: 42 Resp: 539
Ion Ratio Lower Upper
42 100
74 3.0 124.9 187.3#
44 149.5 2.2 3.4#



#4
2-Fluorophenol
Concen: 0.139 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion: 112 Resp: 788
Ion Ratio Lower Upper
112 100
64 50.1 39.8 59.8
63 27.3 21.0 31.6

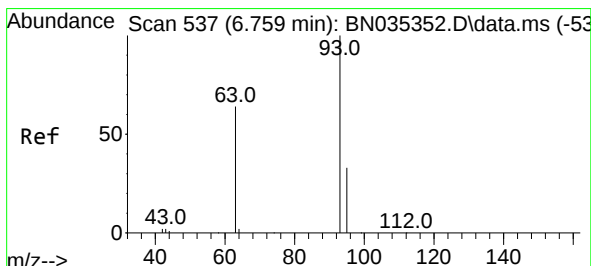
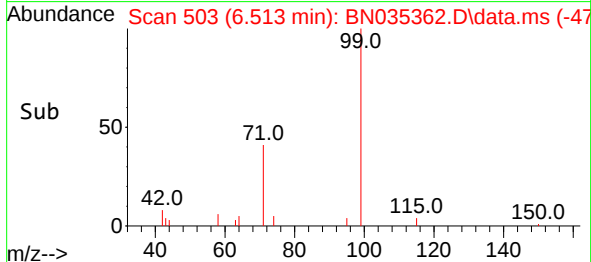
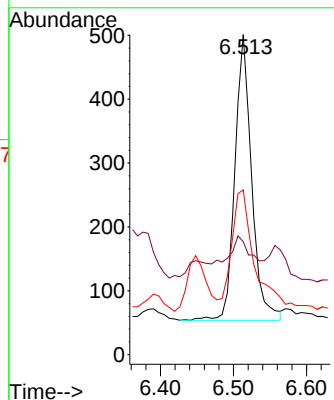
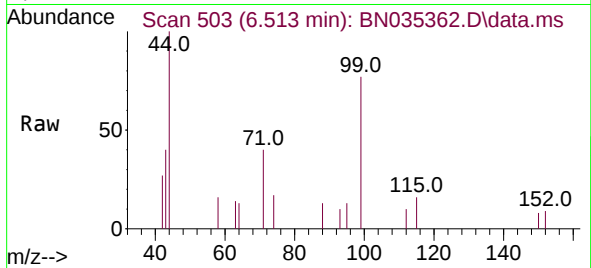




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.513 min Scan# 503
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

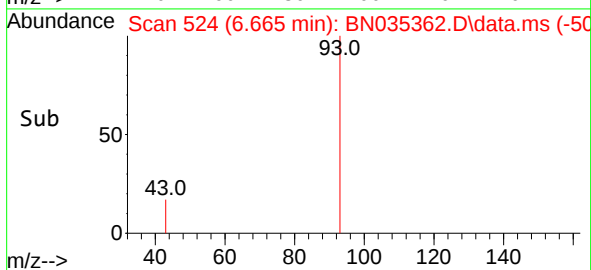
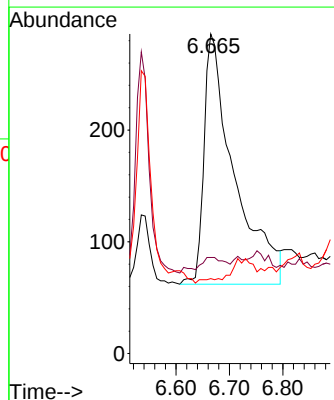
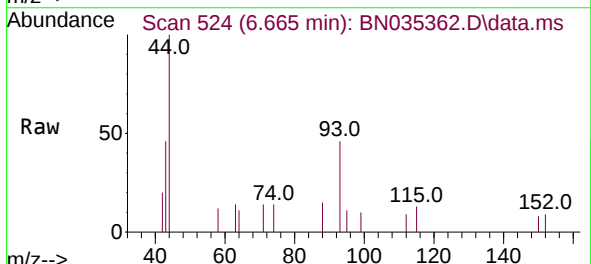
Instrument :
BNA_N
ClientSampleId :
TOWER-1

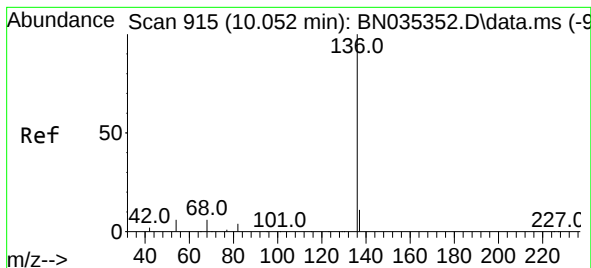
Tgt Ion: 99 Resp: 712
Ion Ratio Lower Upper
99 100
42 19.4 11.4 17.2#
71 57.9 29.3 43.9#



#6
bis(2-Chloroethyl)ether
Concen: 0.153 ng
RT: 6.665 min Scan# 524
Delta R.T. -0.094 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion: 93 Resp: 881
Ion Ratio Lower Upper
93 100
63 4.2 50.4 75.6#
95 0.8 25.7 38.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.052 min Scan# 915

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

Tgt Ion:136 Resp: 6204

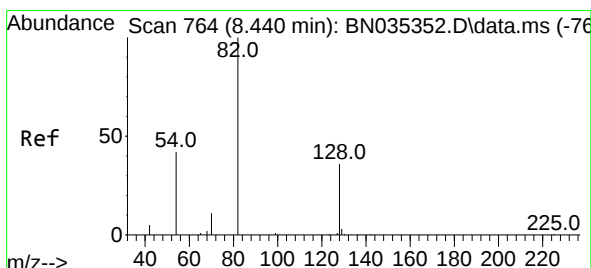
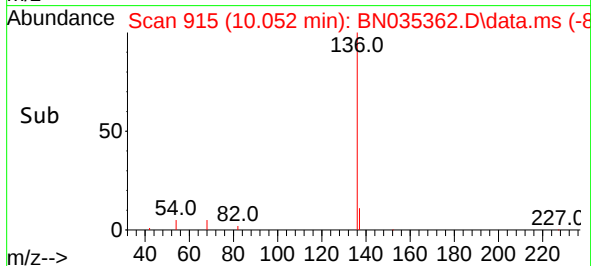
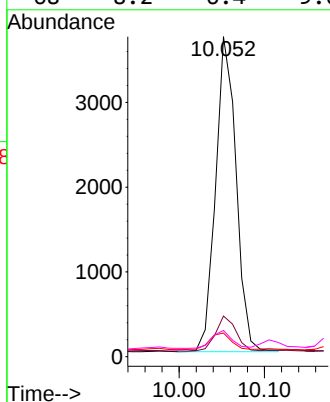
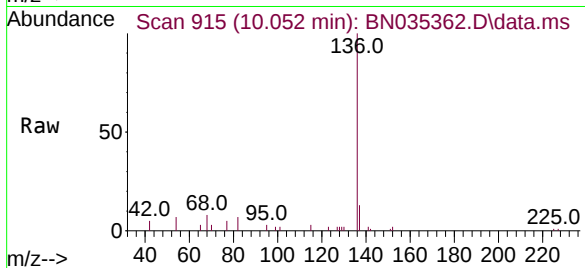
Ion Ratio Lower Upper

136 100

137 12.7 10.2 15.2

54 7.4 6.1 9.1

68 8.2 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.437 ng

RT: 8.440 min Scan# 764

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

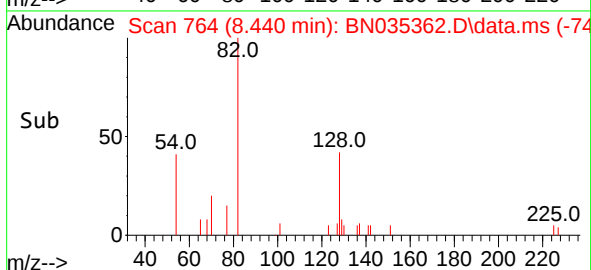
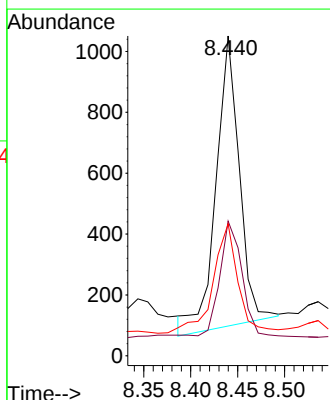
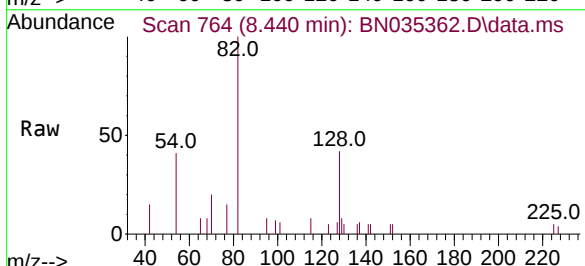
Tgt Ion: 82 Resp: 1655

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 41.3 36.7 55.1





#9

Naphthalene

Concen: 0.038 ng

RT: 10.105 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

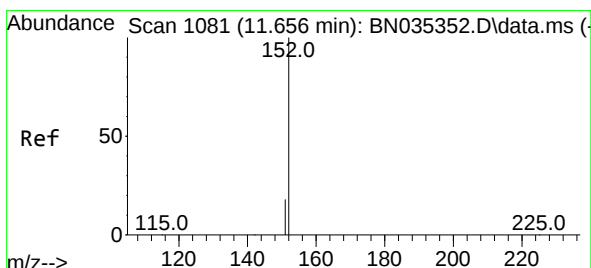
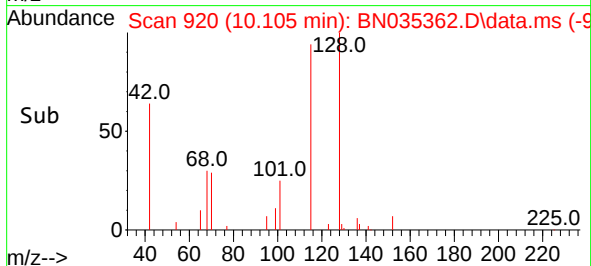
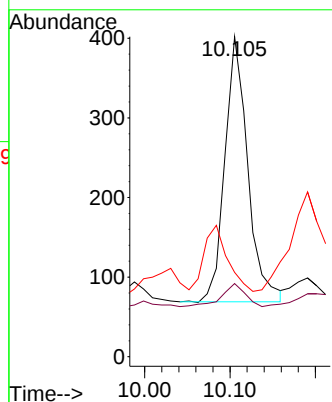
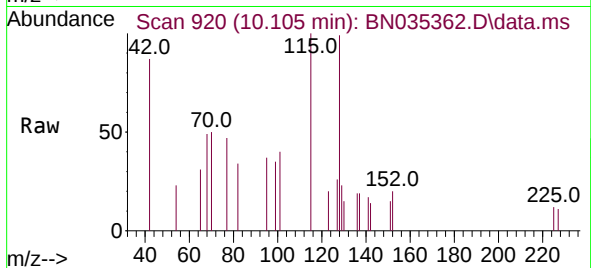
Tgt Ion:128 Resp: 622

Ion Ratio Lower Upper

128 100

129 22.9 9.8 14.6#

127 26.4 11.4 17.2#



#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 11.656 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BN035362.D

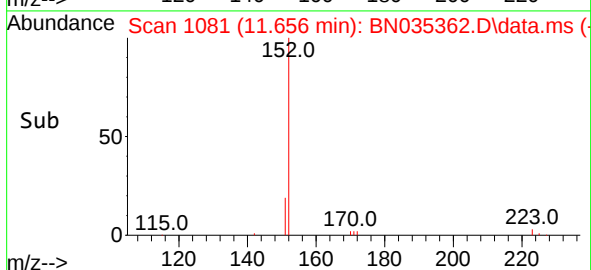
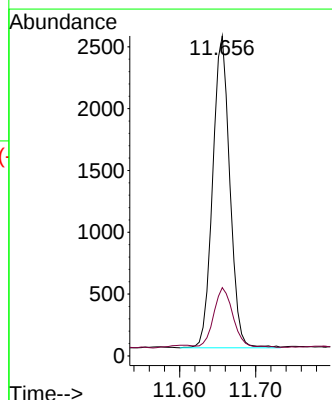
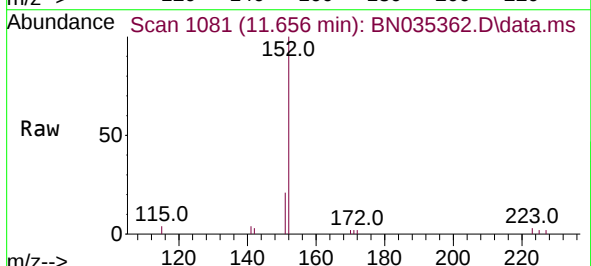
Acq: 27 Nov 2024 23:20

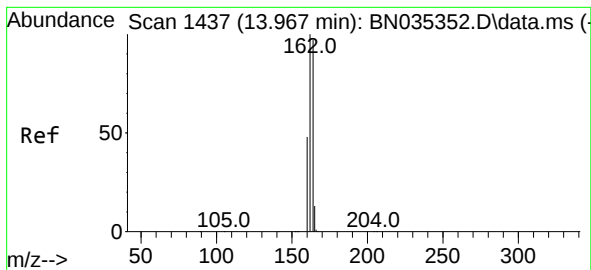
Tgt Ion:152 Resp: 3944

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.967 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

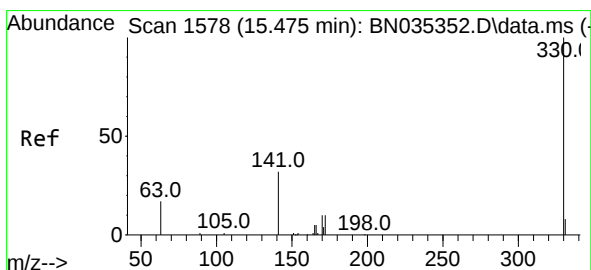
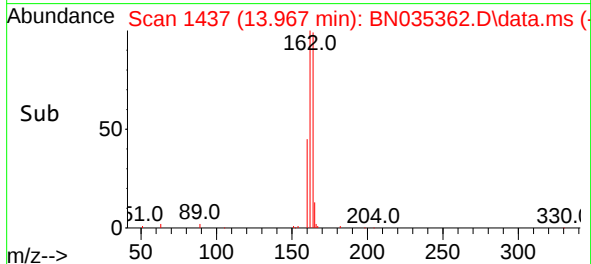
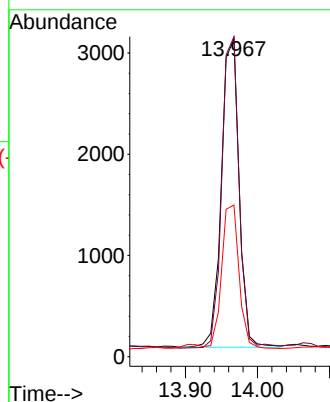
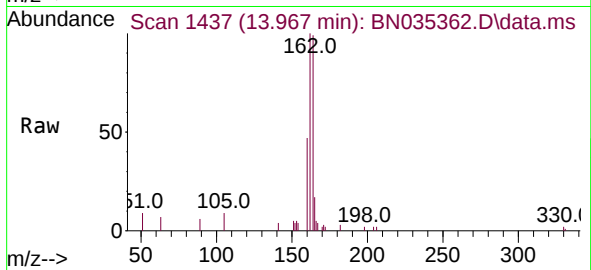
Tgt Ion:164 Resp: 5199

Ion	Ratio	Lower	Upper
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164	100		
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162	100.7	82.2	123.2
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160	47.7	40.1	60.1
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#14

2,4,6-Tribromophenol

Concen: 0.447 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

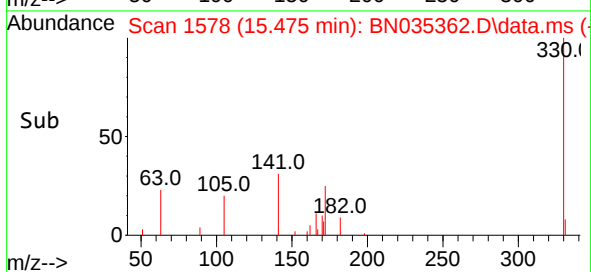
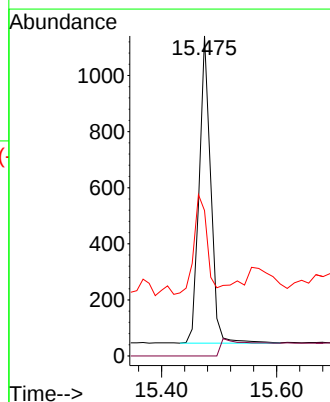
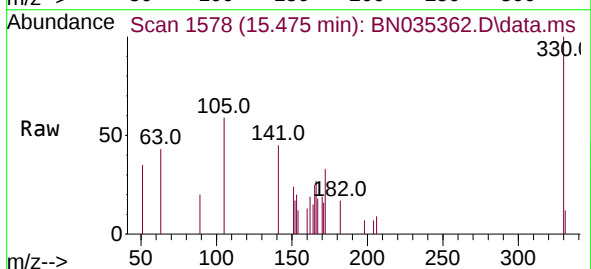
Tgt Ion:330 Resp: 1651

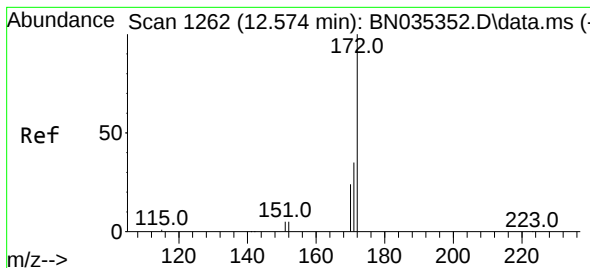
Ion	Ratio	Lower	Upper
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330	100		
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332	0.0	0.0	0.0
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141	37.9	26.6	40.0
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#15

2-Fluorobiphenyl

Concen: 0.336 ng

RT: 12.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

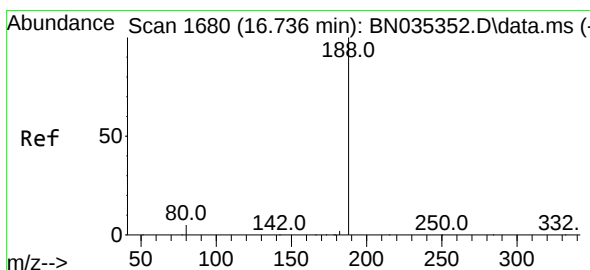
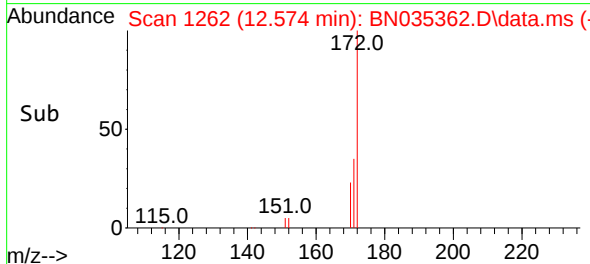
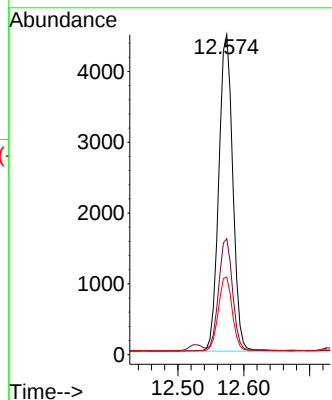
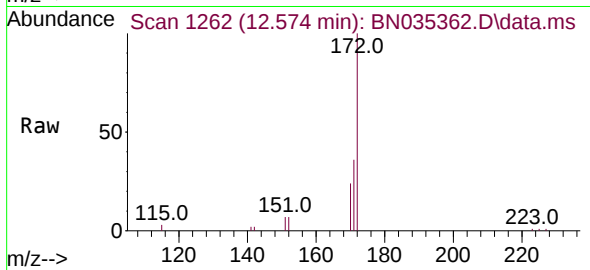
Tgt Ion:172 Resp: 6613

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.3 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

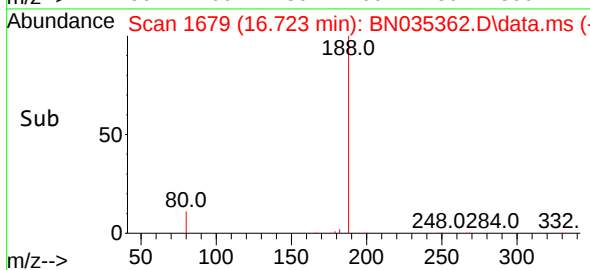
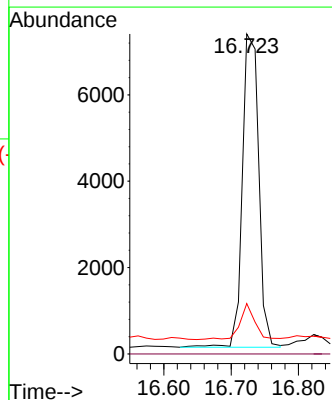
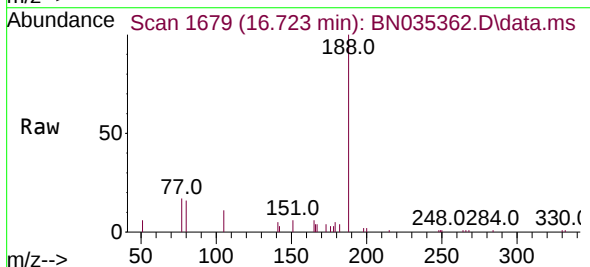
Tgt Ion:188 Resp: 12295

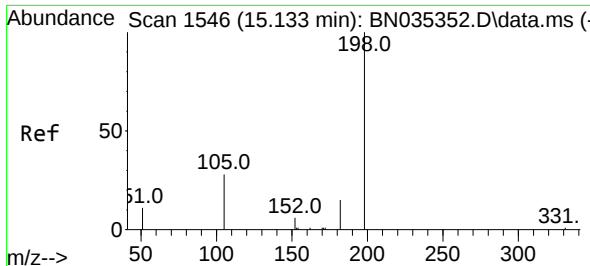
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 4.6 6.8#

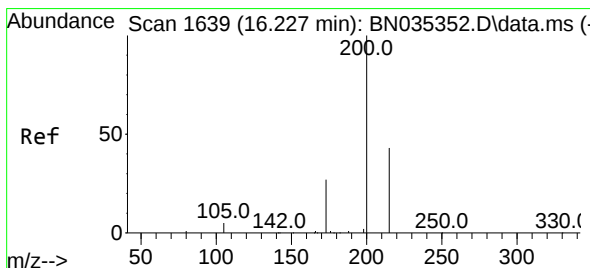
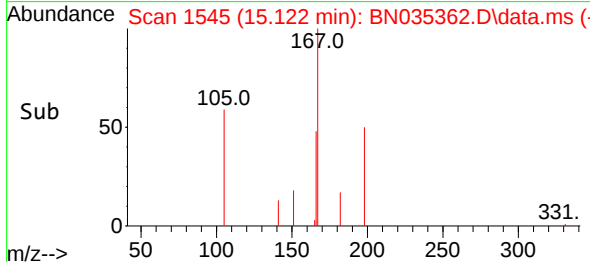
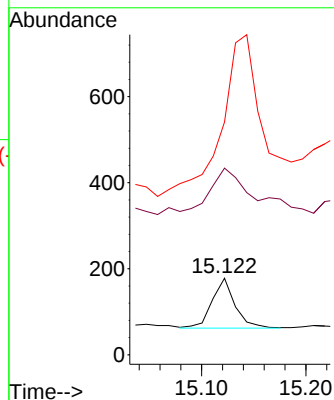
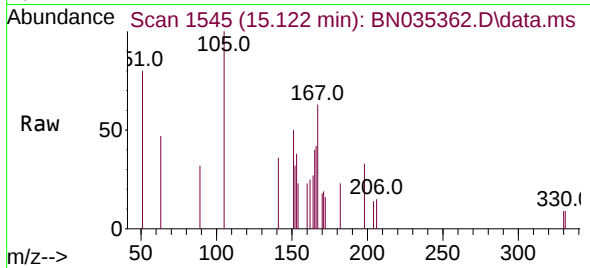




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.122 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

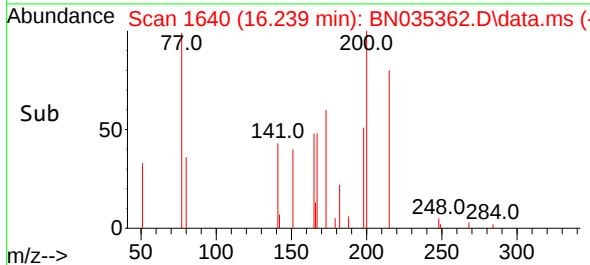
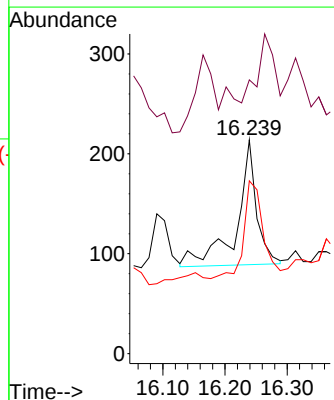
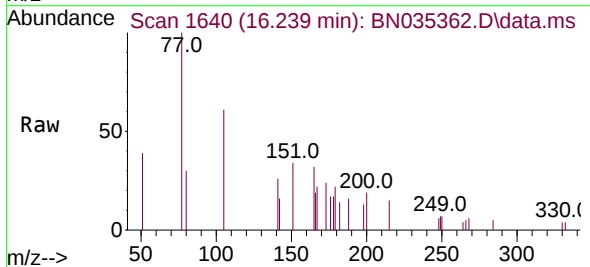
Instrument :
BNA_N
ClientSampleId :
TOWER-1

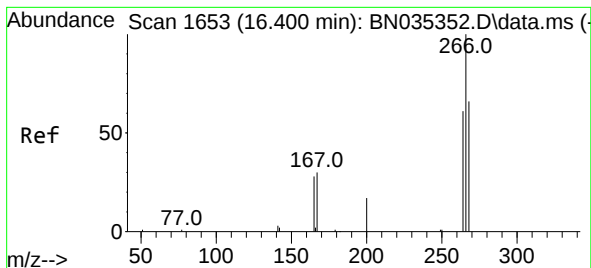
Tgt Ion:198 Resp: 177
Ion Ratio Lower Upper
198 100
51 243.8 46.5 69.7#
105 303.9 45.3 67.9#



#23
Atrazine
Concen: 0.055 ng
RT: 16.239 min Scan# 1640
Delta R.T. 0.012 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion:200 Resp: 280
Ion Ratio Lower Upper
200 100
173 128.0 24.1 36.1#
215 80.8 36.9 55.3#





#24

Pentachlorophenol

Concen: 0.039 ng

RT: 16.388 min Scan# 1652

Delta R.T. -0.012 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

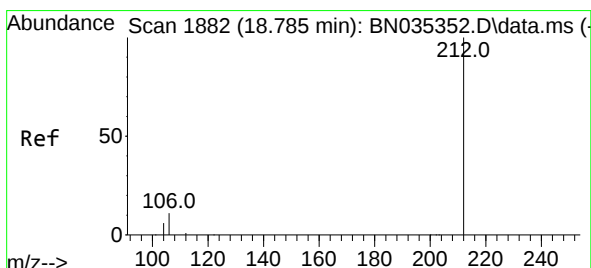
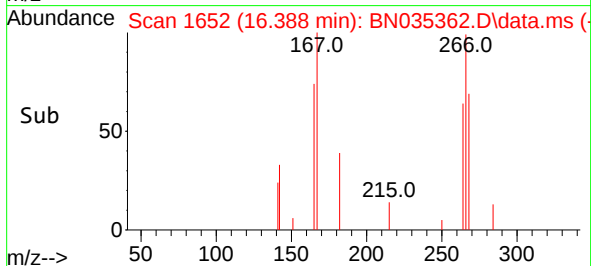
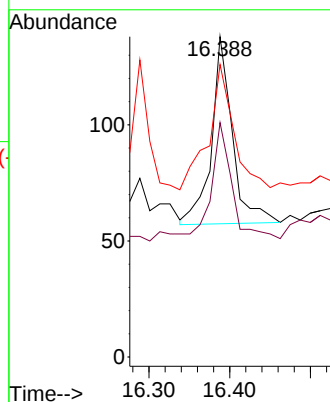
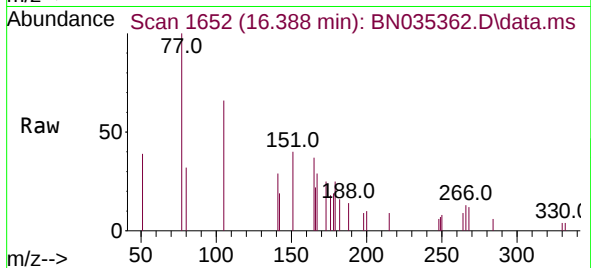
Tgt Ion:266 Resp: 145

Ion Ratio Lower Upper

266 100

264 69.7 42.3 63.5#

268 83.4 43.3 64.9#



#27

Fluoranthene-d10

Concen: 0.465 ng

RT: 18.785 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

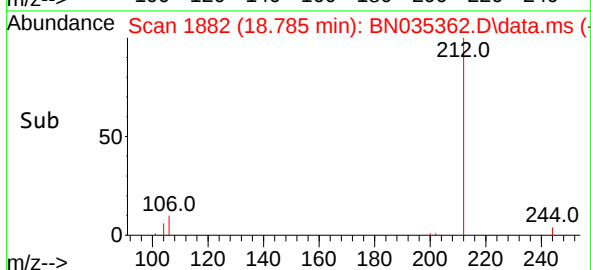
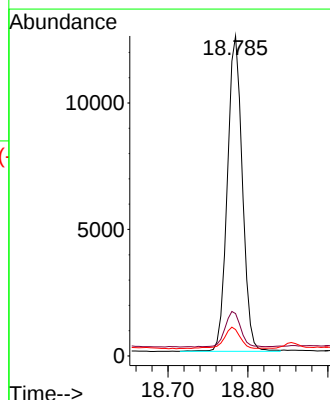
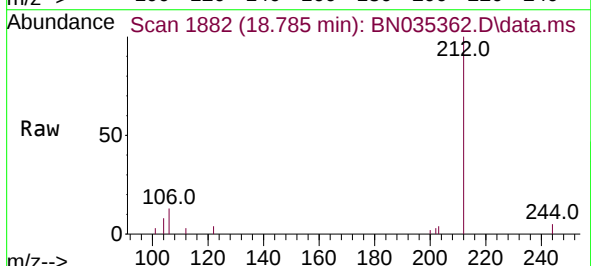
Tgt Ion:212 Resp: 16200

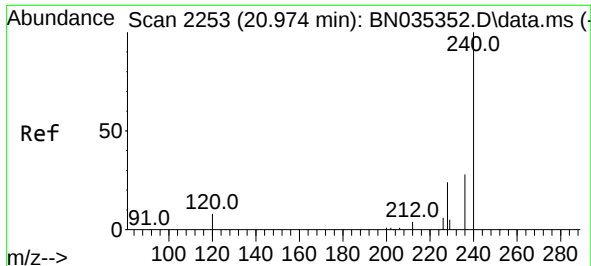
Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

104 7.5 5.3 7.9

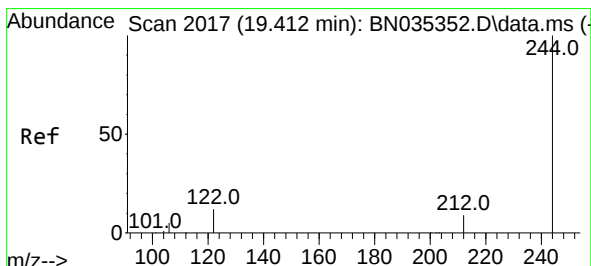
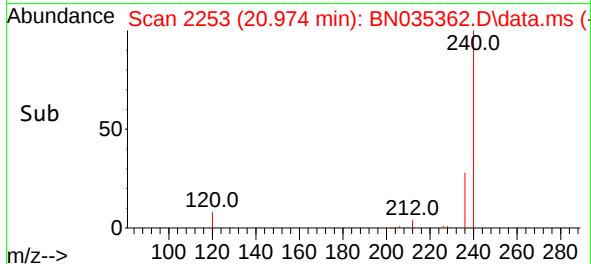
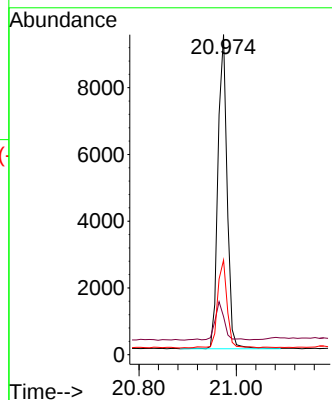
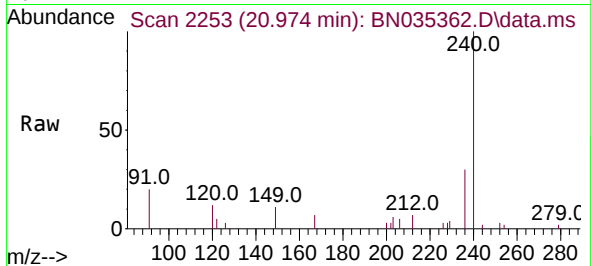




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

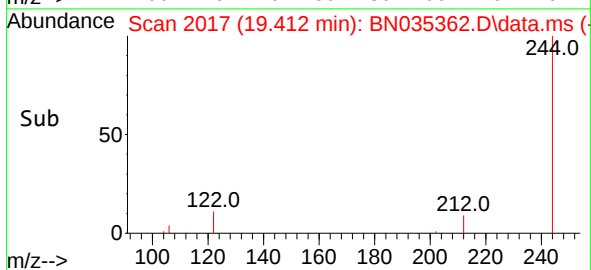
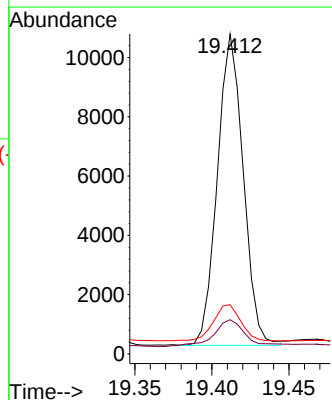
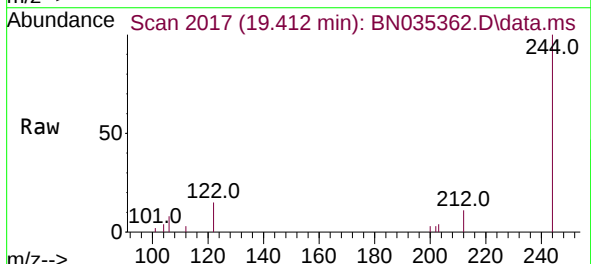
Instrument :
BNA_N
ClientSampleId :
TOWER-1

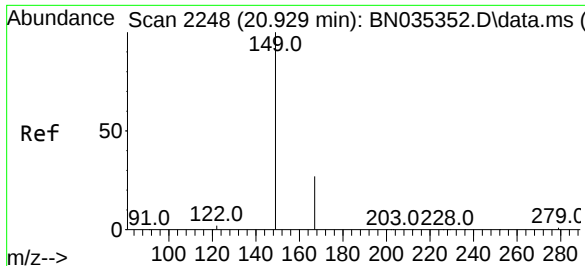
Tgt Ion:240 Resp: 12256
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 29.6 22.9 34.3



#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.412 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion:244 Resp: 12271
Ion Ratio Lower Upper
244 100
212 10.7 8.1 12.1
122 15.4 10.3 15.5

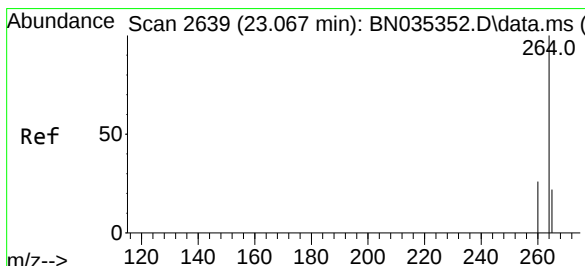
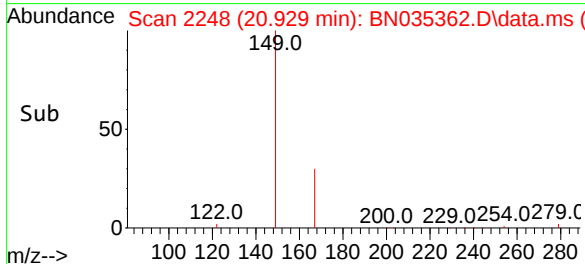
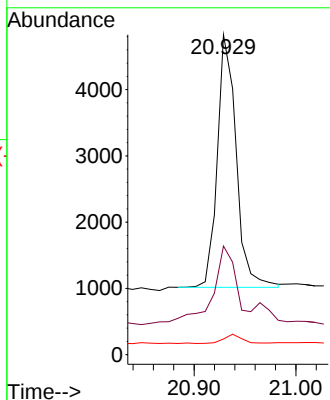
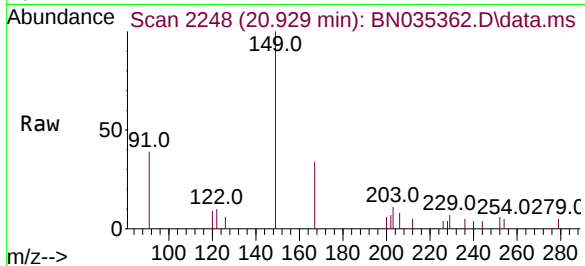




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.289 ng
RT: 20.929 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Instrument :
BNA_N
ClientSampleId :
TOWER-1

Tgt Ion:149 Resp: 4900
Ion Ratio Lower Upper
149 100
167 35.4 22.2 33.4#
279 3.4 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.064 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion:264 Resp: 12355
Ion Ratio Lower Upper
264 100
260 27.6 21.4 32.2
265 48.9 40.2 60.4

