

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
 Data File : BN033829.D
 Acq On : 09 Sep 2024 22:43
 Operator : MA/JU
 Sample : P3859-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Quant Time: Sep 10 03:19:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

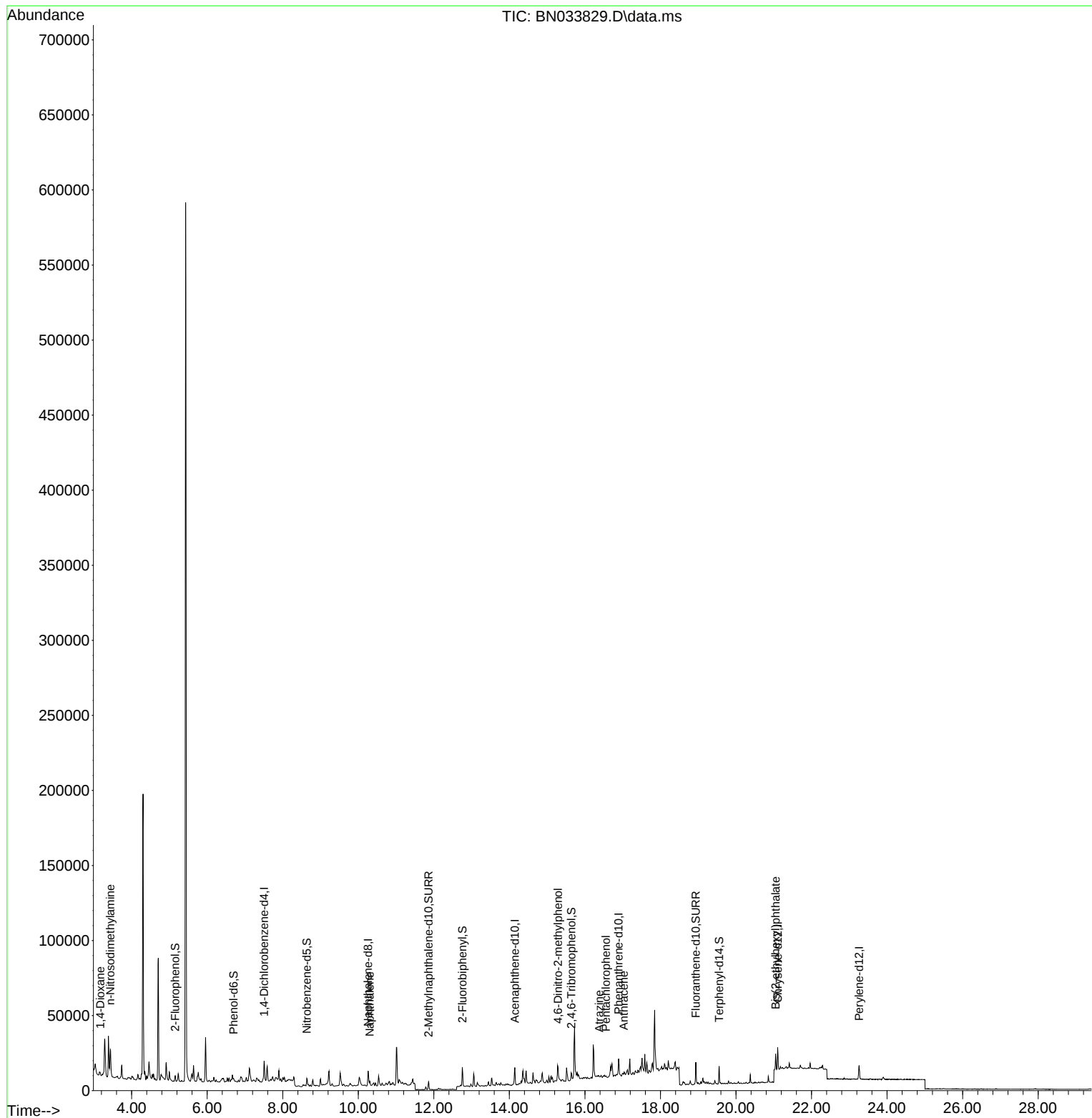
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4792	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	12442	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	6681	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	14092	0.400	ng	#-0.01
29) Chrysene-d12	21.103	240	13236	0.400	ng	# 0.00
35) Perylene-d12	23.259	264	11109	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	2140	0.146	ng	0.00
5) Phenol-d6	6.700	99	1618	0.093	ng	0.00
8) Nitrobenzene-d5	8.638	82	4101	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	11.862	152	6849	0.389	ng	-0.01
14) 2,4,6-Tribromophenol	15.638	330	2550	0.756	ng	-0.01
15) 2-Fluorobiphenyl	12.756	172	9762	0.350	ng	-0.01
27) Fluoranthene-d10	18.938	212	15665	0.451	ng	0.00
31) Terphenyl-d14	19.555	244	10743	0.381	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	785	0.144	ng	# 67
3) n-Nitrosodimethylamine	3.435	42	2189	0.342	ng	# 1
9) Naphthalene	10.304	128	1026	0.031	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.290	198	168	0.075	ng	# 1
23) Atrazine	16.383	200	308	0.047	ng	# 13
24) Pentachlorophenol	16.557	266	266	0.069	ng	# 71
26) Anthracene	17.029	178	724	0.021	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.050	149	9119	0.354	ng	94

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

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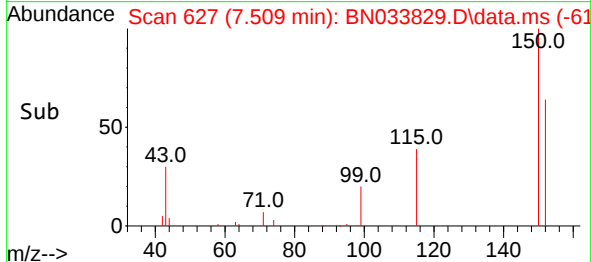
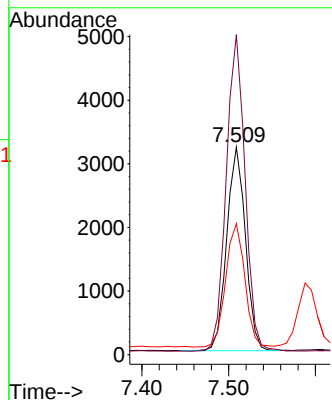
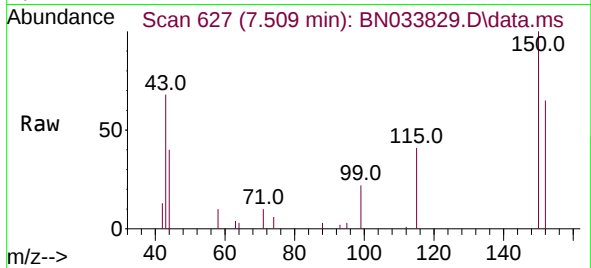




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

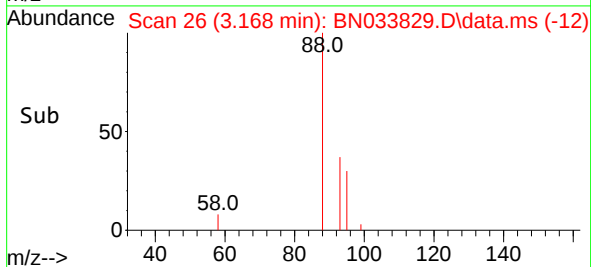
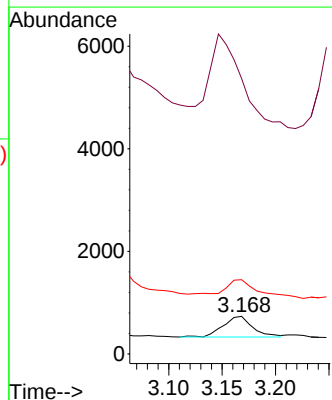
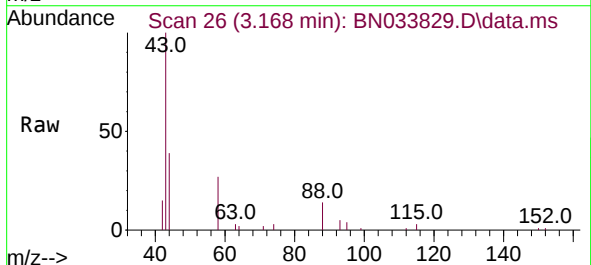
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Tgt Ion:152 Resp: 4792
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.3 184.9
 115 63.2 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.144 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

Tgt Ion: 88 Resp: 785
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 97.3 64.1 96.1#

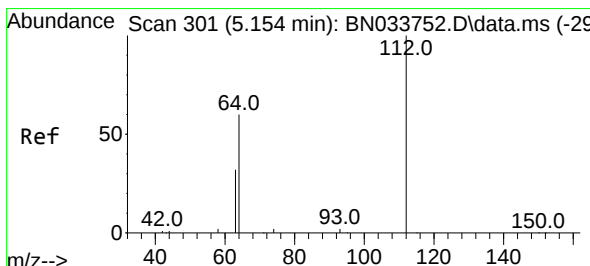
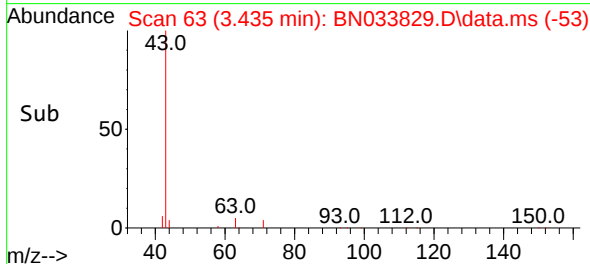
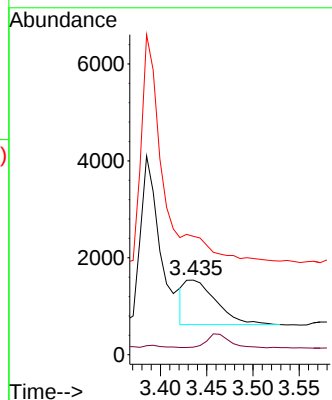
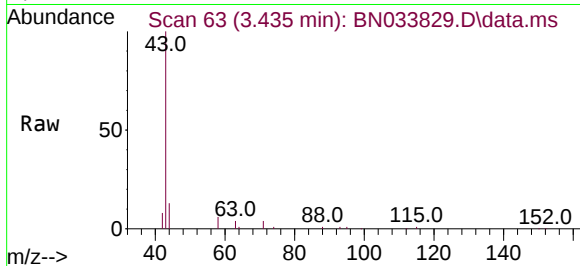




#3
 n-Nitrosodimethylamine
 Concen: 0.342 ng
 RT: 3.435 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

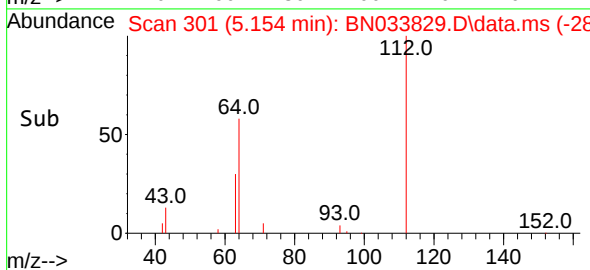
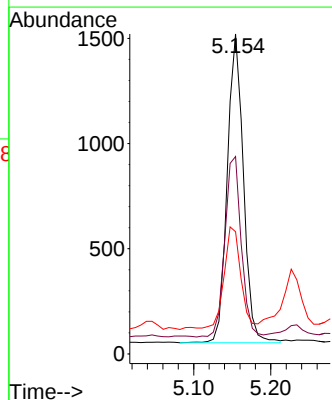
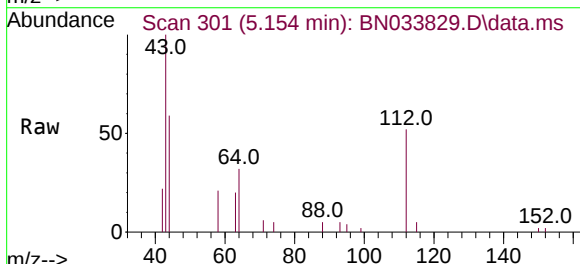
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Tgt Ion: 42 Resp: 2189
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.5 140.3#
 44 0.0 7.4 11.0#



#4
 2-Fluorophenol
 Concen: 0.146 ng
 RT: 5.154 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

Tgt Ion: 112 Resp: 2140
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.6 71.4
 63 33.5 25.9 38.9

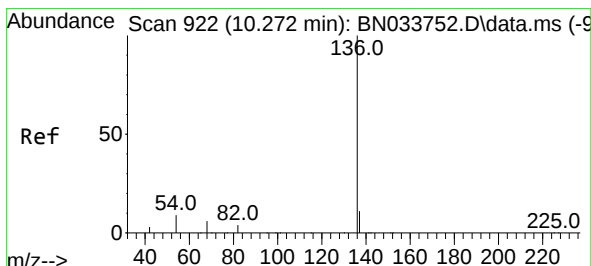
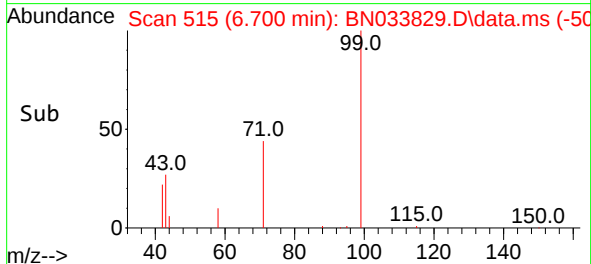
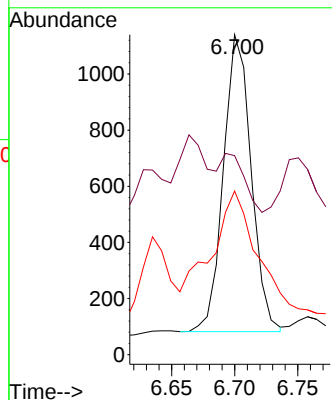
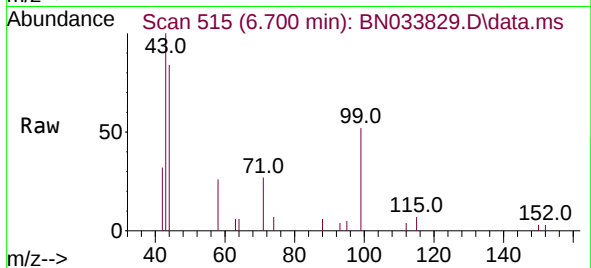




#5
Phenol-d6
Concen: 0.093 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

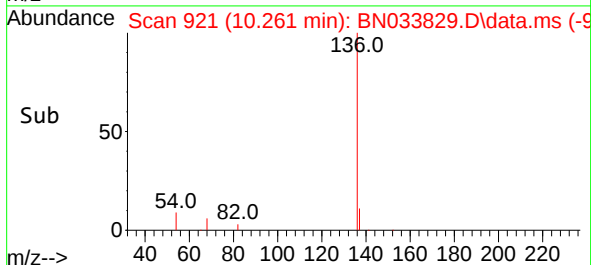
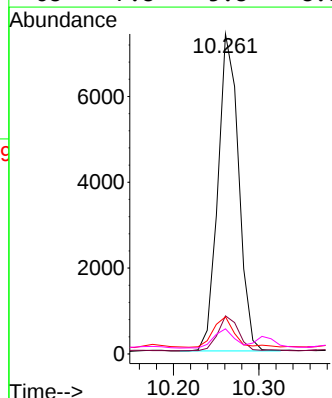
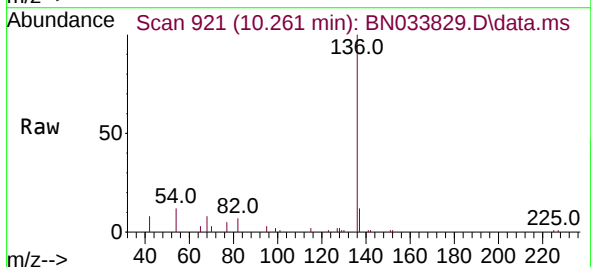
Instrument :
BNA_N
ClientSampleId :
TOWER-1

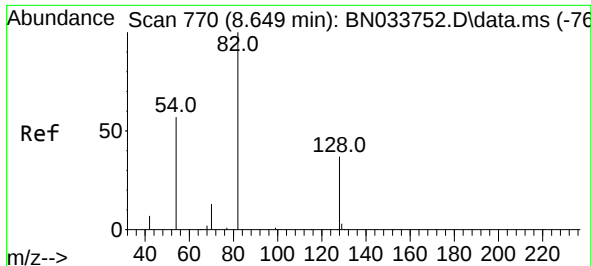
Tgt Ion: 99 Resp: 1618
Ion Ratio Lower Upper
99 100
42 0.0 18.0 27.0#
71 73.5 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 921
Delta R.T. -0.011 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Tgt Ion:136 Resp: 12442
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 11.6 8.1 12.1
68 7.8 5.8 8.8

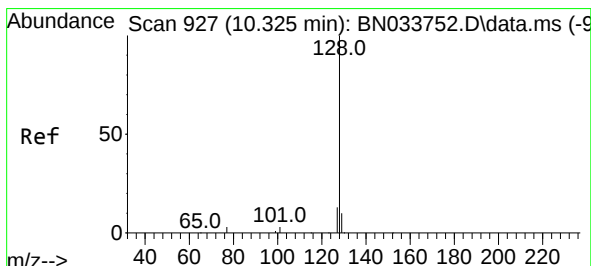
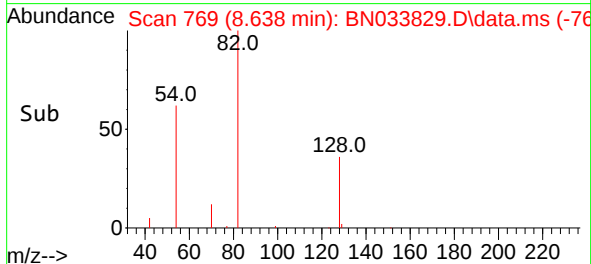
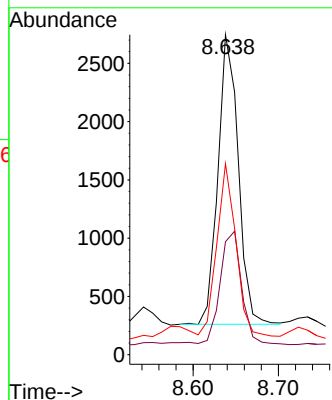
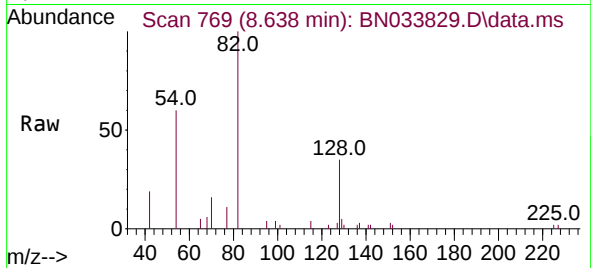




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.638 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

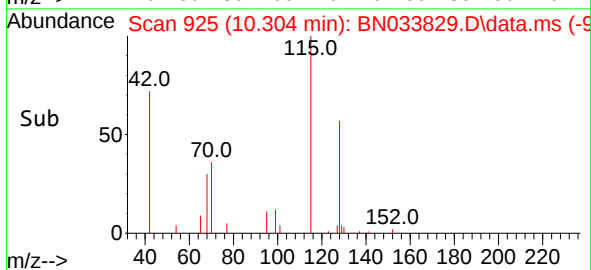
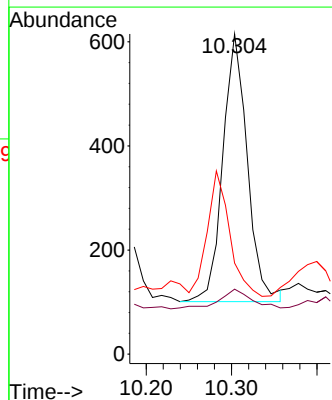
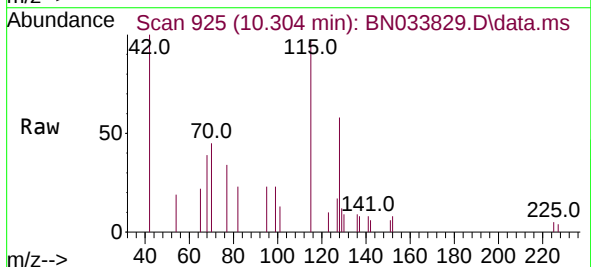
Instrument :
BNA_N
ClientSampleId :
TOWER-1

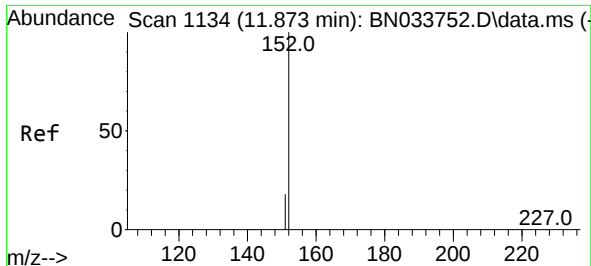
Tgt Ion: 82 Resp: 4101
Ion Ratio Lower Upper
82 100
128 35.3 31.3 46.9
54 59.7 46.9 70.3



#9
Naphthalene
Concen: 0.031 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.022 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Tgt Ion: 128 Resp: 1026
Ion Ratio Lower Upper
128 100
129 20.3 8.9 13.3#
127 28.5 10.8 16.2#

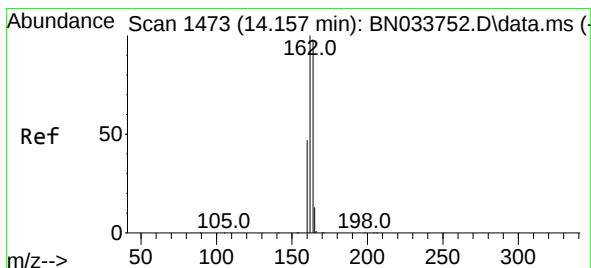
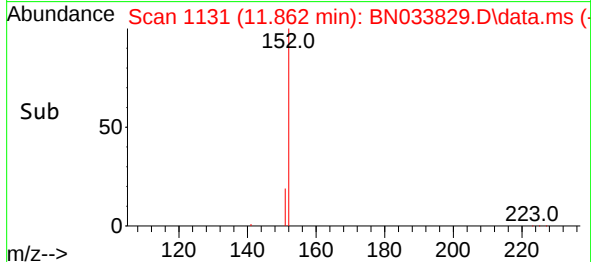
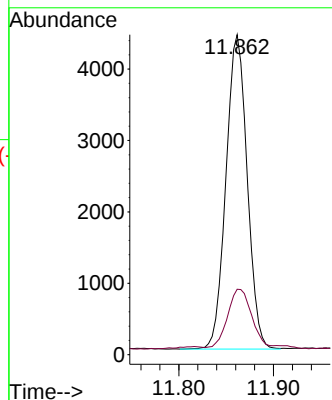
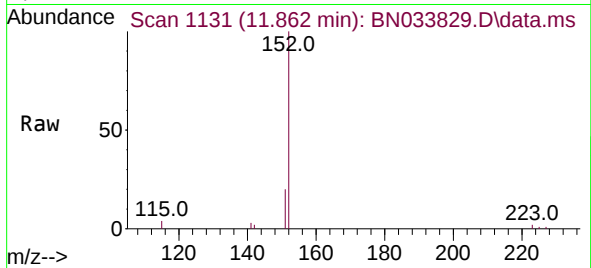




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.862 min Scan# 1131
Delta R.T. -0.011 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

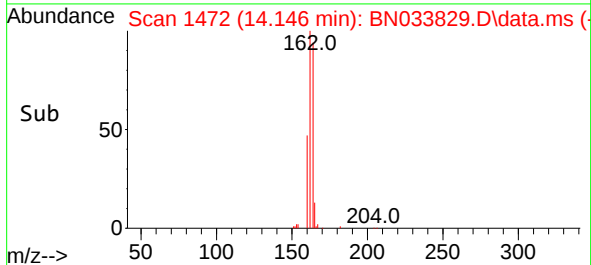
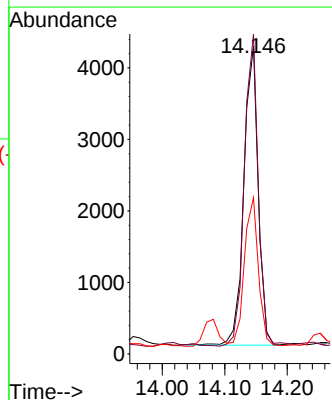
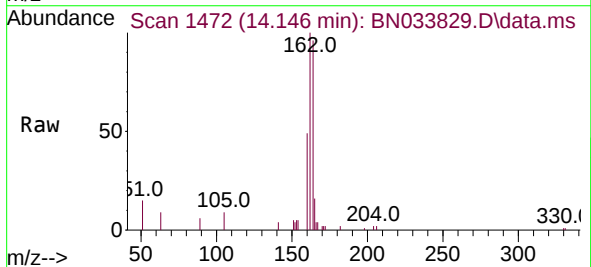
Instrument :
BNA_N
ClientSampleId :
TOWER-1

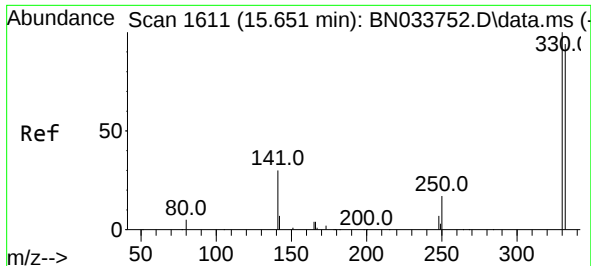
Tgt Ion:152 Resp: 6849
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

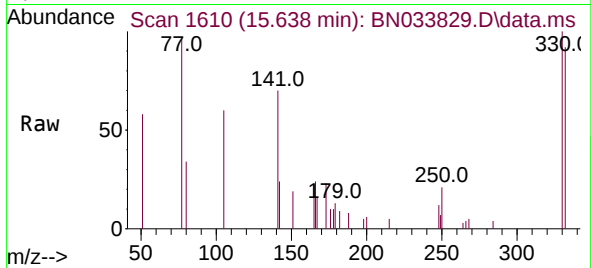
Tgt Ion:164 Resp: 6681
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 50.8 39.1 58.7



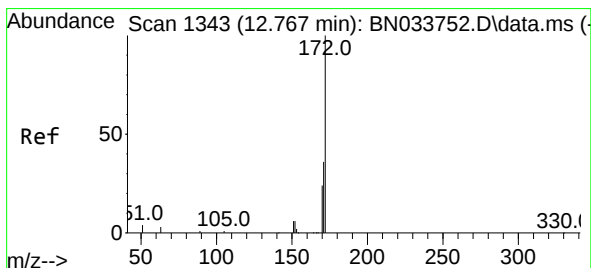
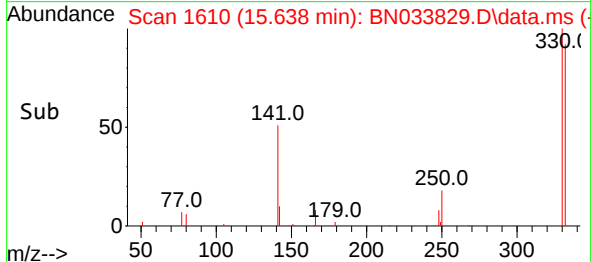
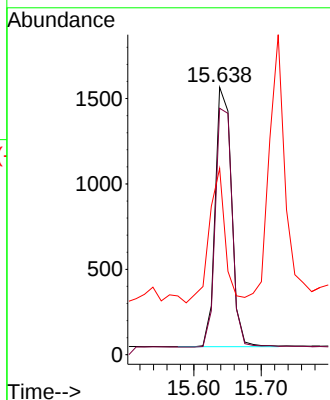


#14
2,4,6-Tribromophenol
Concen: 0.756 ng
RT: 15.638 min Scan# 1610
Delta R.T. -0.013 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Instrument :
BNA_N
ClientSampleId :
TOWER-1

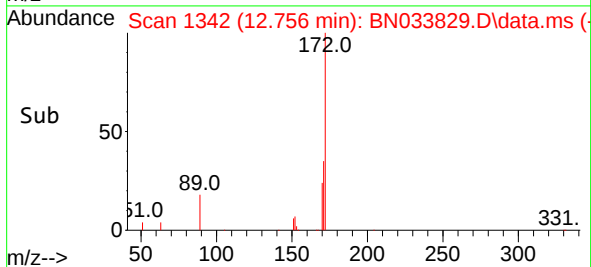
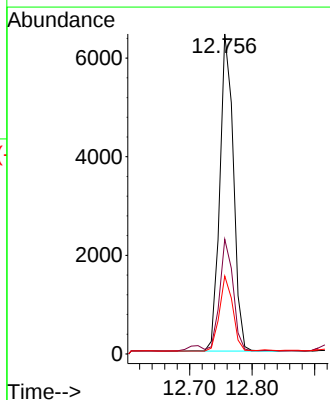
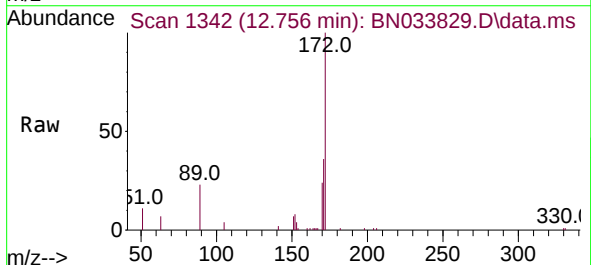


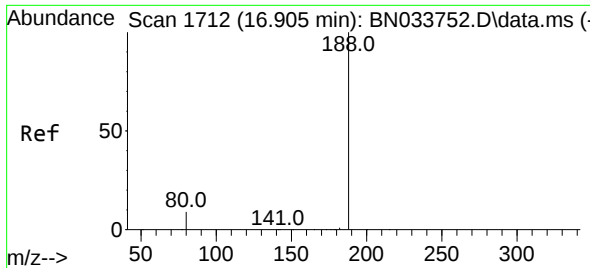
Tgt Ion:330 Resp: 2550
Ion Ratio Lower Upper
330 100
332 95.0 74.2 111.4
141 51.2 33.9 50.9#



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.756 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Tgt Ion:172 Resp: 9762
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.7 29.5

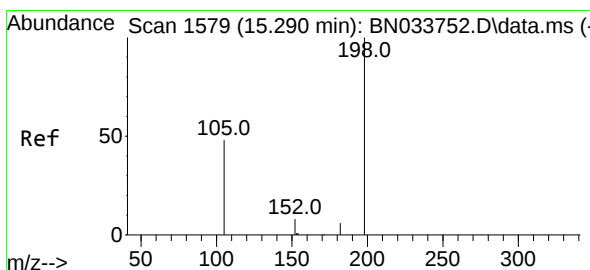
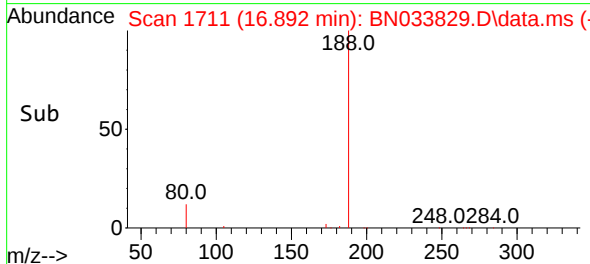
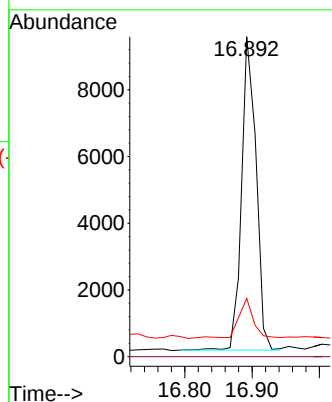
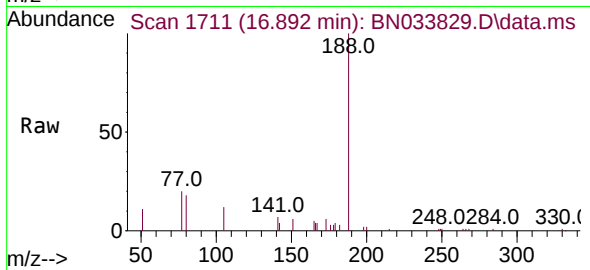




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1711
Delta R.T. -0.013 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

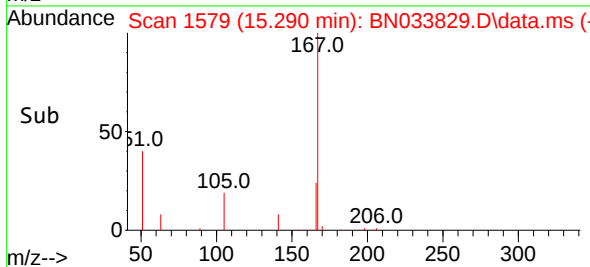
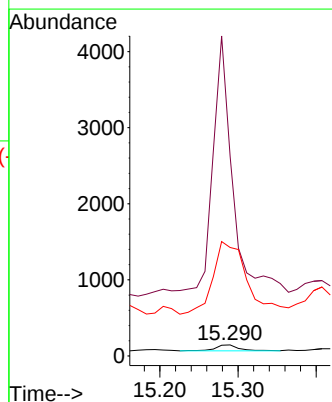
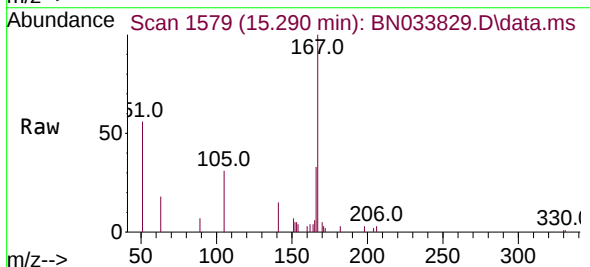
Instrument :
BNA_N
ClientSampleId :
TOWER-1

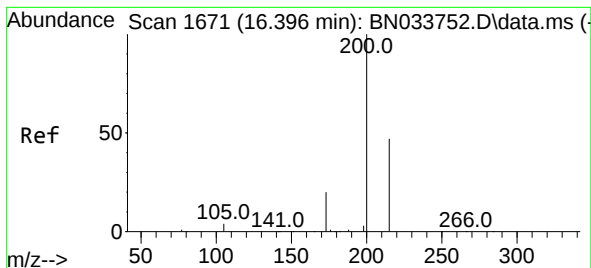
Tgt Ion:188 Resp: 14092
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.2 7.9 11.9#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.075 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Tgt Ion:198 Resp: 168
Ion Ratio Lower Upper
198 100
51 1797.3 92.8 139.2#
105 976.7 59.4 89.0#





#23

Atrazine

Concen: 0.047 ng

RT: 16.383 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN033829.D

Acq: 09 Sep 2024 22:43

Instrument :

BNA_N

ClientSampleId :

TOWER-1

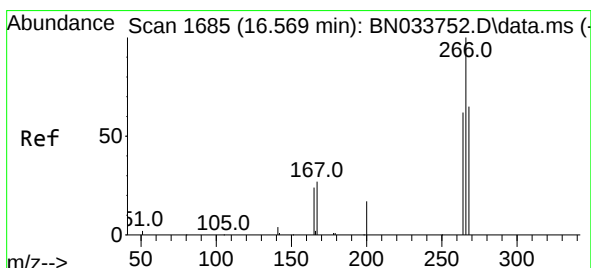
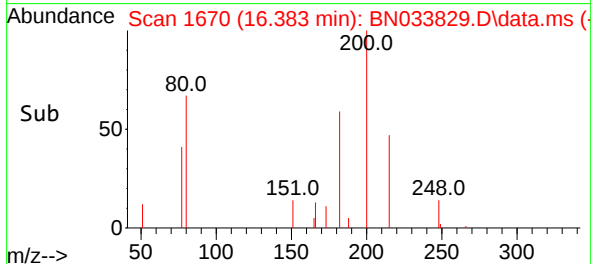
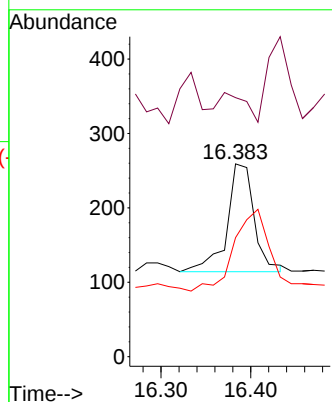
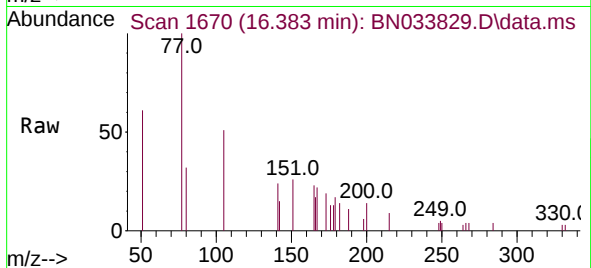
Tgt Ion:200 Resp: 308

Ion Ratio Lower Upper

200 100

173 134.4 18.2 27.4#

215 61.8 39.0 58.4#



#24

Pentachlorophenol

Concen: 0.069 ng

RT: 16.557 min Scan# 1684

Delta R.T. -0.013 min

Lab File: BN033829.D

Acq: 09 Sep 2024 22:43

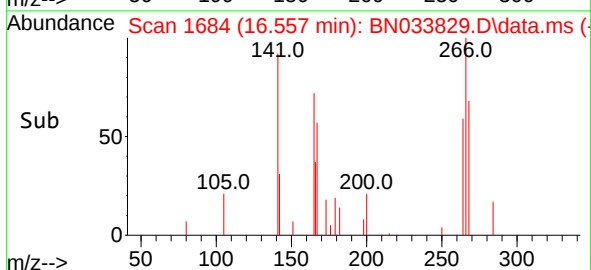
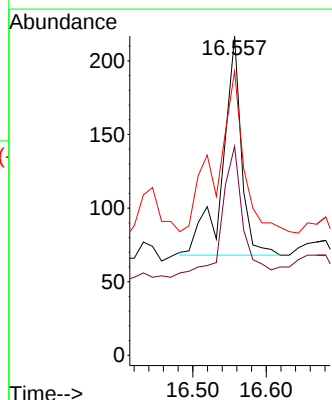
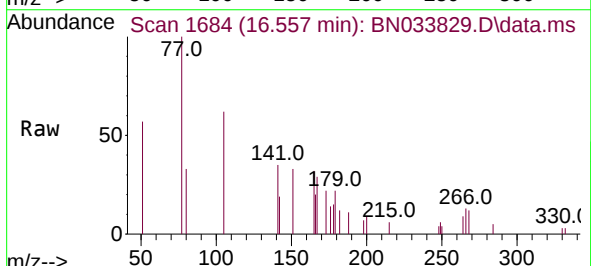
Tgt Ion:266 Resp: 266

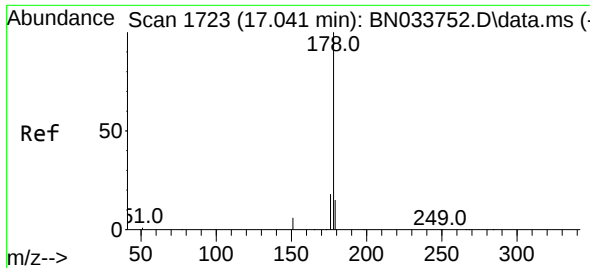
Ion Ratio Lower Upper

266 100

264 58.6 49.6 74.4

268 106.8 52.2 78.4#

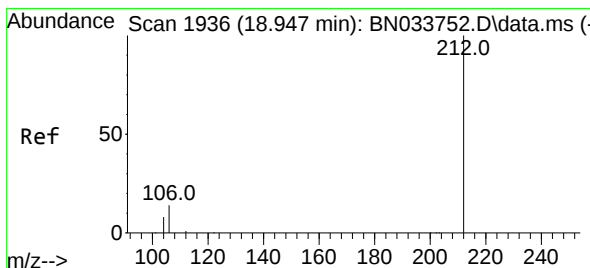
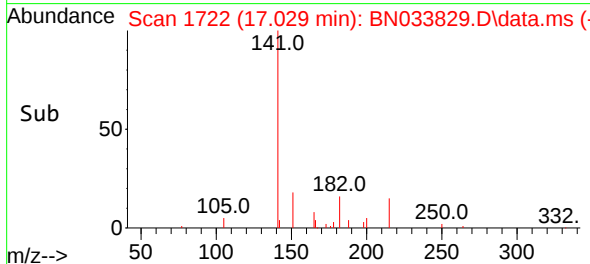
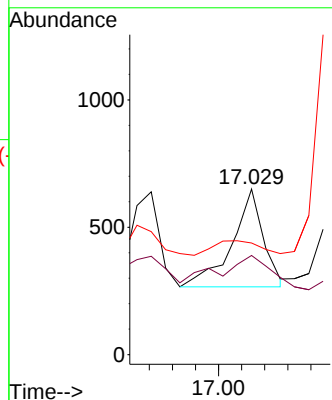
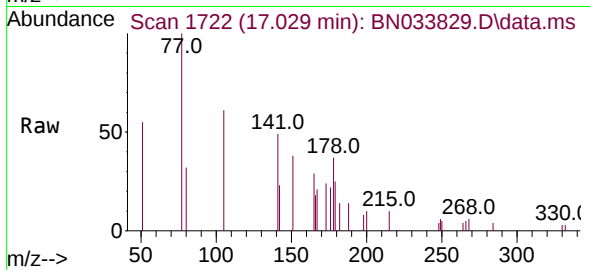




#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.029 min Scan# 1722
 Delta R.T. -0.013 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

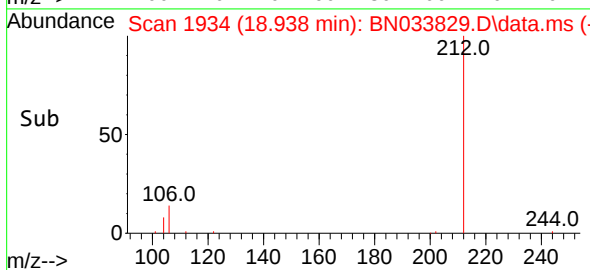
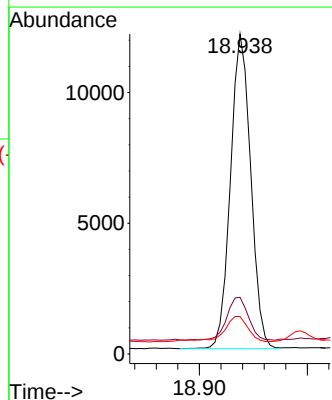
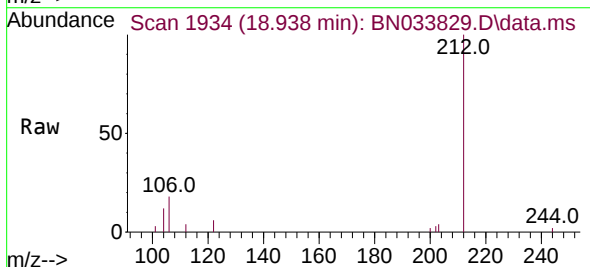
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

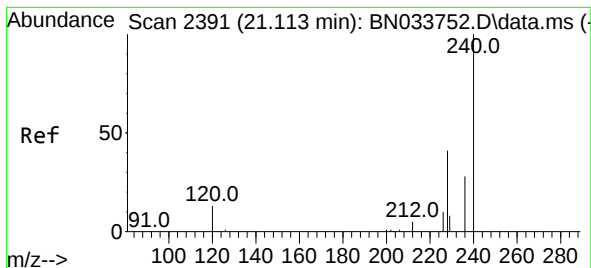
Tgt Ion:178 Resp: 724
 Ion Ratio Lower Upper
 178 100
 176 60.6 14.8 22.2#
 179 22.2 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.451 ng
 RT: 18.938 min Scan# 1934
 Delta R.T. -0.009 min
 Lab File: BN033829.D
 Acq: 09 Sep 2024 22:43

Tgt Ion:212 Resp: 15665
 Ion Ratio Lower Upper
 212 100
 106 14.5 11.5 17.3
 104 10.0 6.6 9.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.103 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033829.D

Acq: 09 Sep 2024 22:43

Instrument :

BNA_N

ClientSampleId :

TOWER-1

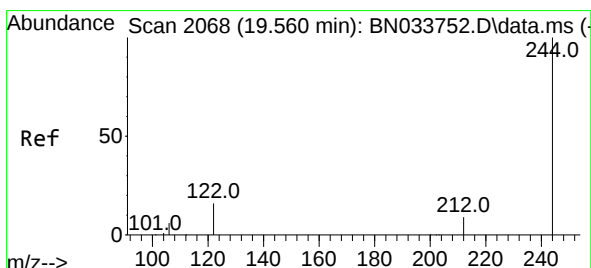
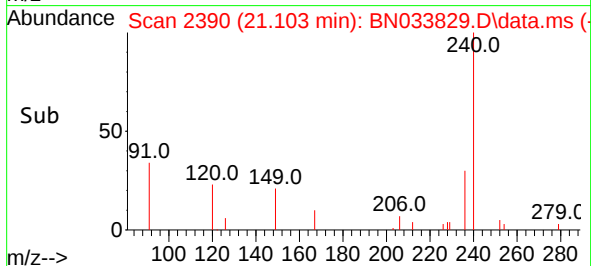
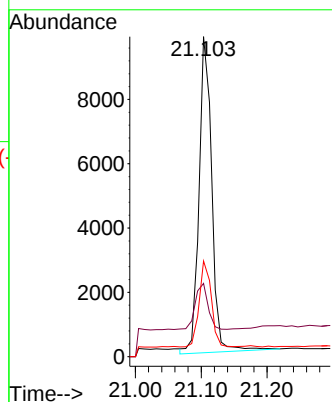
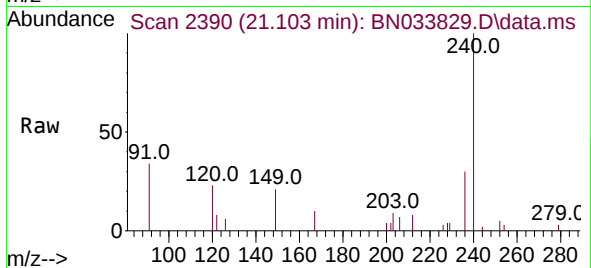
Tgt Ion:240 Resp: 13236

Ion Ratio Lower Upper

240 100

120 22.9 13.7 20.5#

236 29.9 23.4 35.2



#31

Terphenyl-d14

Concen: 0.381 ng

RT: 19.555 min Scan# 2067

Delta R.T. -0.005 min

Lab File: BN033829.D

Acq: 09 Sep 2024 22:43

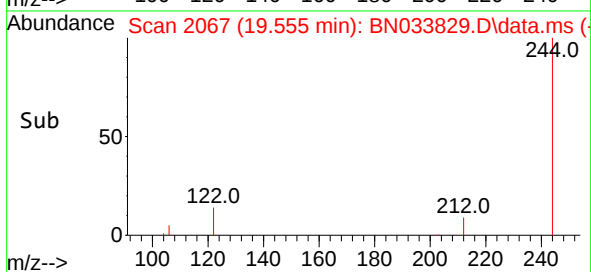
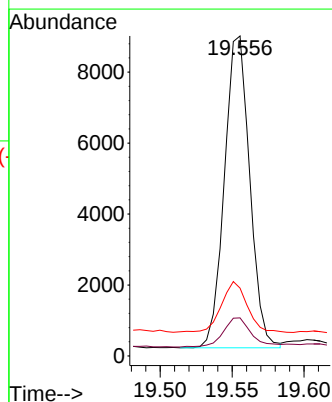
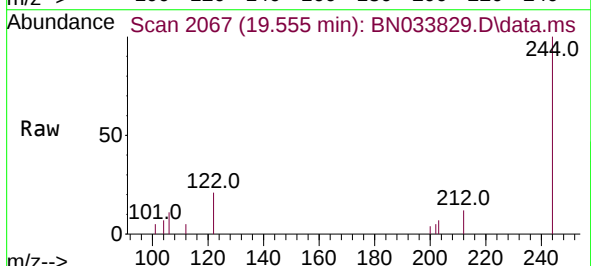
Tgt Ion:244 Resp: 10743

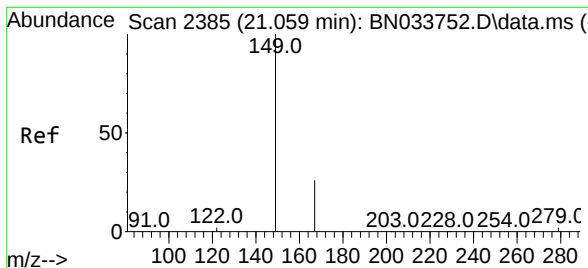
Ion Ratio Lower Upper

244 100

212 11.9 7.9 11.9#

122 21.2 13.2 19.8#

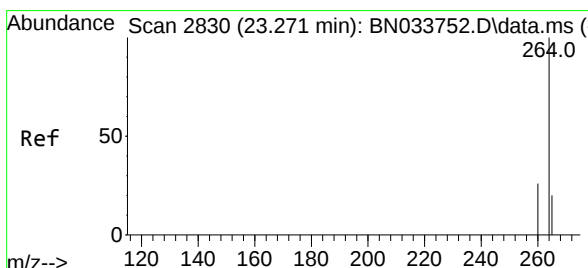
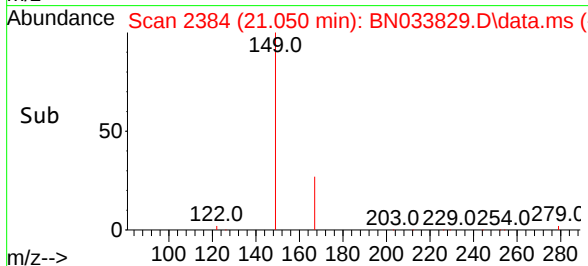
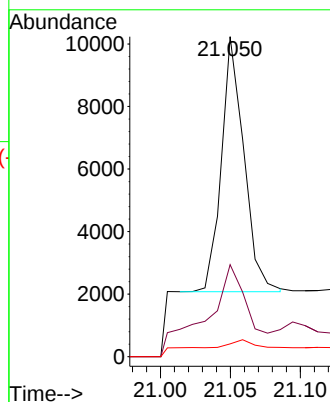
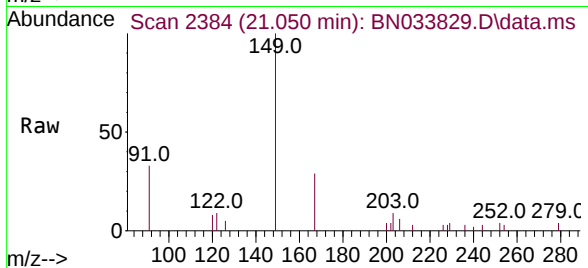




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.050 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Instrument :
BNA_N
ClientSampleId :
TOWER-1

Tgt Ion:	149	Resp:	9119
Ion Ratio	Lower	Upper	
149	100		
167	29.5	21.0	31.4
279	2.9	2.4	3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.259 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BN033829.D
Acq: 09 Sep 2024 22:43

Tgt Ion:	264	Resp:	11109
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.1	31.7
265	89.9	72.0	108.0

