

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
 Data File : BN033823.D
 Acq On : 09 Sep 2024 19:02
 Operator : MA/JU
 Sample : P3859-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Quant Time: Sep 10 03:18:00 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)

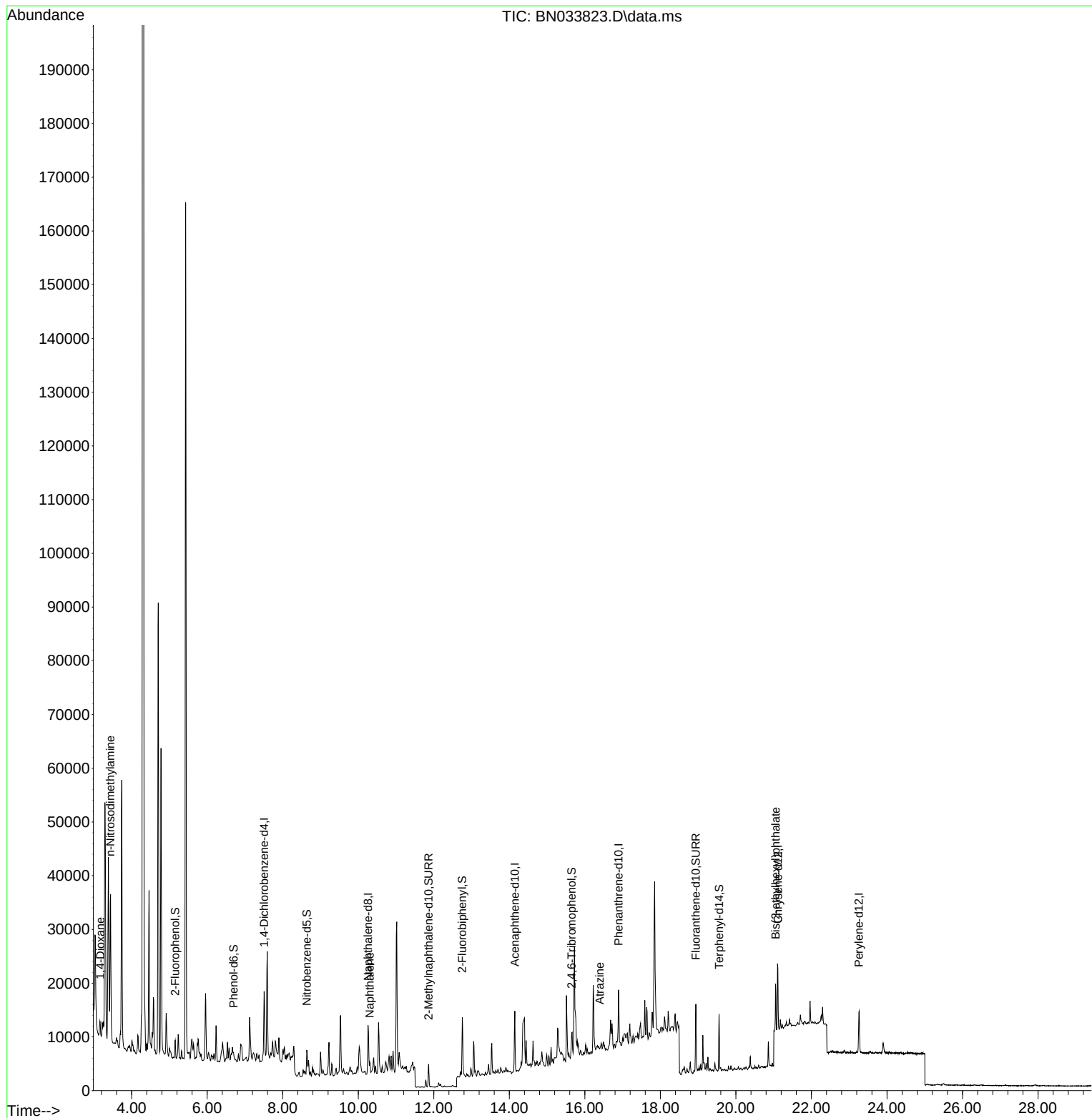
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4635	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	11964	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	6177	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	12818	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	12188	0.400	ng	0.00
35) Perylene-d12	23.259	264	9443	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1998	0.141	ng	0.00
5) Phenol-d6	6.700	99	1045	0.062	ng	0.00
8) Nitrobenzene-d5	8.638	82	3761	0.369	ng	-0.01
11) 2-Methylnaphthalene-d10	11.862	152	5637	0.333	ng	-0.01
14) 2,4,6-Tribromophenol	15.651	330	1265	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.756	172	8909	0.346	ng	-0.01
27) Fluoranthene-d10	18.938	212	13280	0.420	ng	0.00
31) Terphenyl-d14	19.556	244	9383	0.361	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	1259	0.239	ng	# 1
3) n-Nitrosodimethylamine	3.435	42	2326	0.376	ng	# 1
9) Naphthalene	10.304	128	994	0.031	ng	# 66
23) Atrazine	16.396	200	152	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.050	149	7942	0.335	ng	# 95

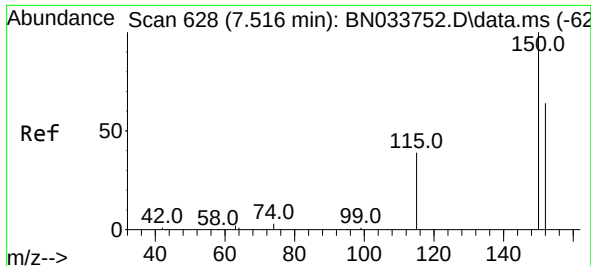
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033823.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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TOWER-2

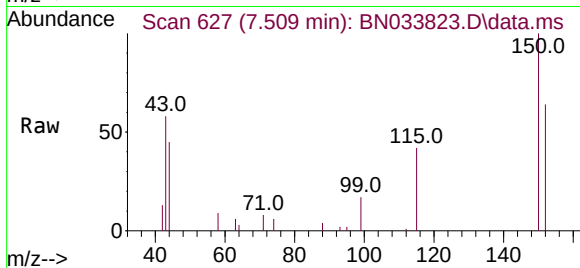
Quant Time: Sep 10 03:18:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
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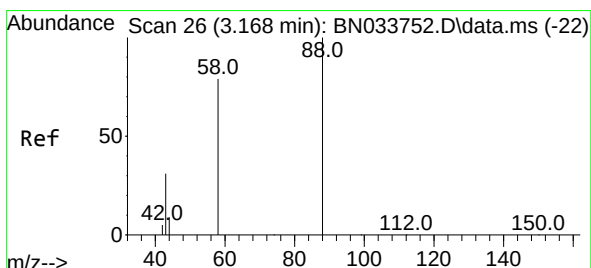
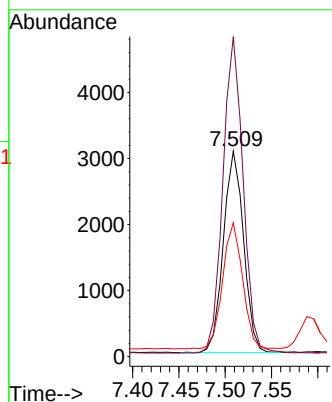
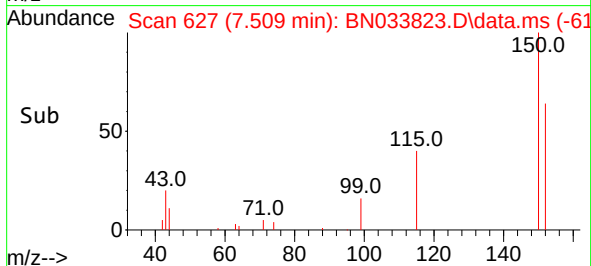


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033823.D
 Acq: 09 Sep 2024 19:02

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

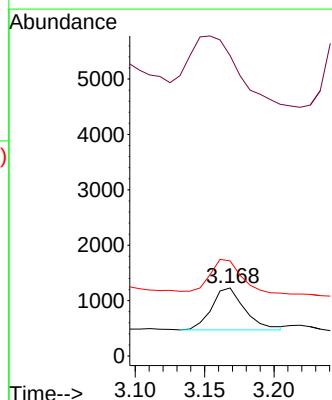
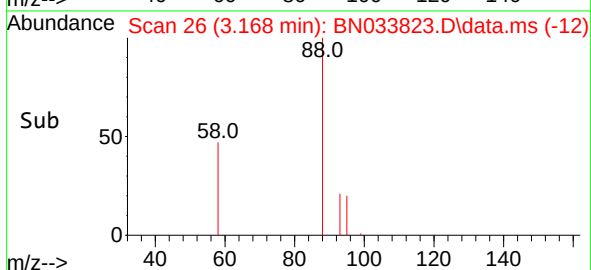
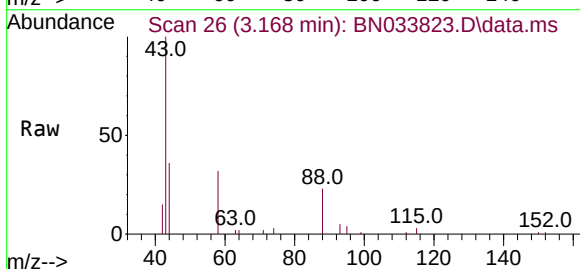


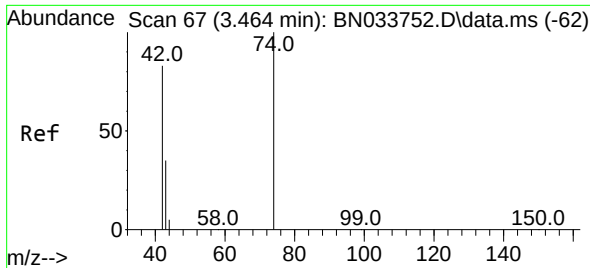
Tgt Ion:152 Resp: 4635
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.3 184.9
 115 65.1 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.239 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033823.D
 Acq: 09 Sep 2024 19:02

Tgt Ion: 88 Resp: 1259
 Ion Ratio Lower Upper
 88 100
 43 259.4 29.0 43.4#
 58 93.1 64.1 96.1

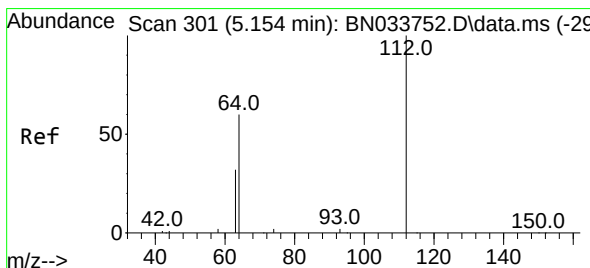
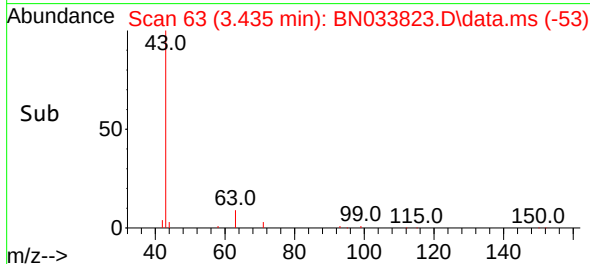
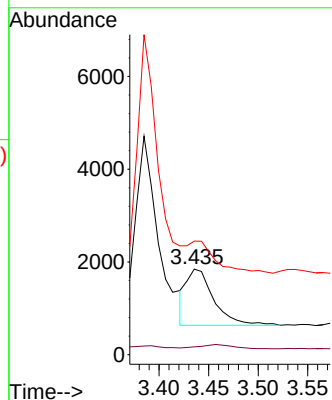
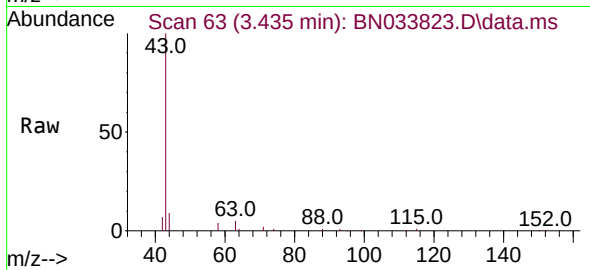




#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.435 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

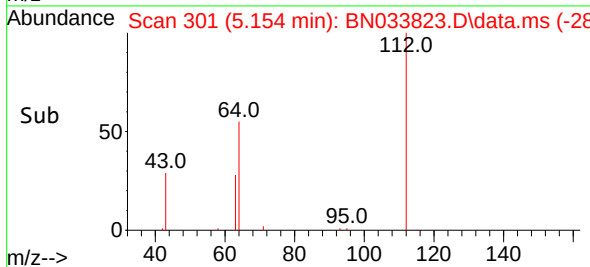
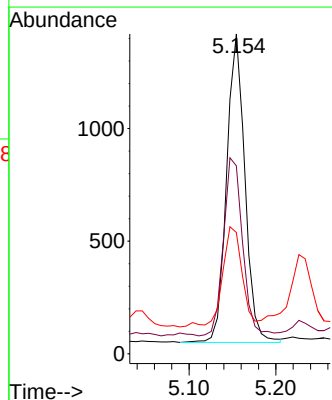
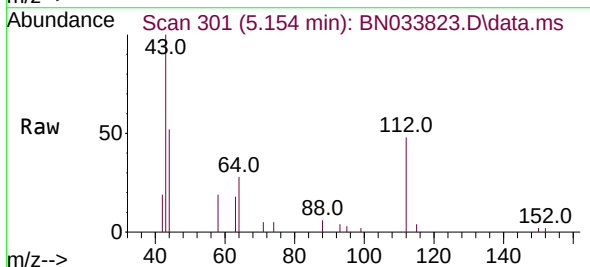
Instrument :
BNA_N
ClientSampleId :
TOWER-2

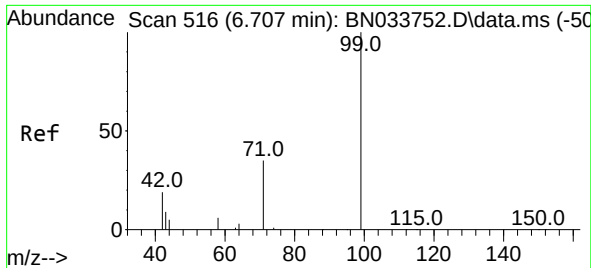
Tgt Ion: 42 Resp: 2326
Ion Ratio Lower Upper
42 100
74 0.0 93.5 140.3#
44 0.0 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion: 112 Resp: 1998
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 35.2 25.9 38.9

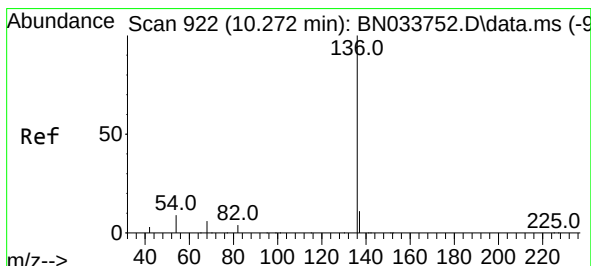
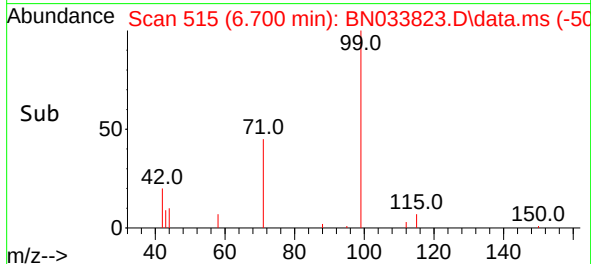
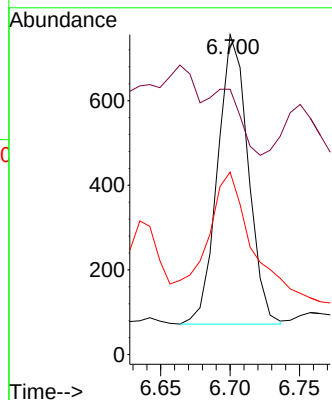
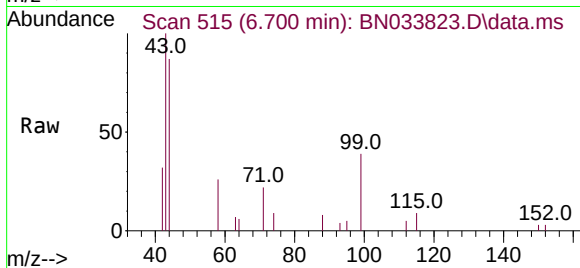




#5
Phenol-d6
Concen: 0.062 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

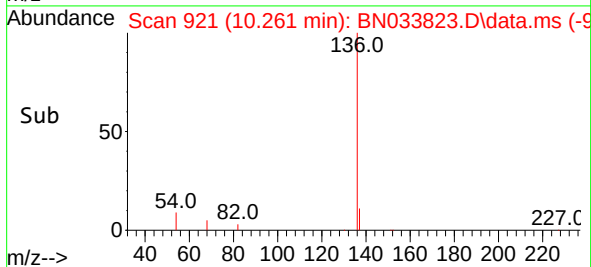
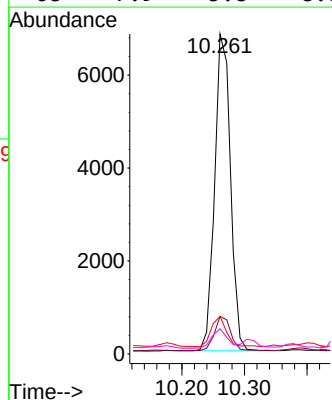
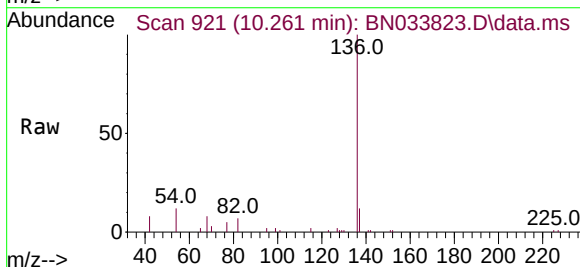
Instrument :
BNA_N
ClientSampleId :
TOWER-2

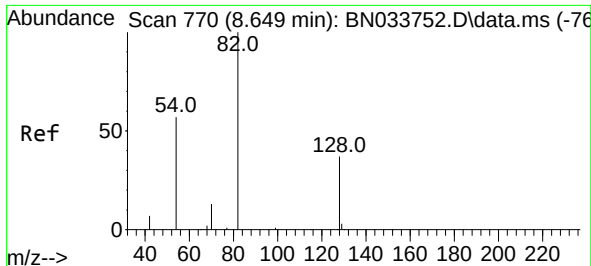
Tgt Ion: 99 Resp: 1045
Ion Ratio Lower Upper
99 100
42 0.0 18.0 27.0#
71 66.5 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 921
Delta R.T. -0.011 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion: 136 Resp: 11964
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 11.7 8.1 12.1
68 7.9 5.8 8.8

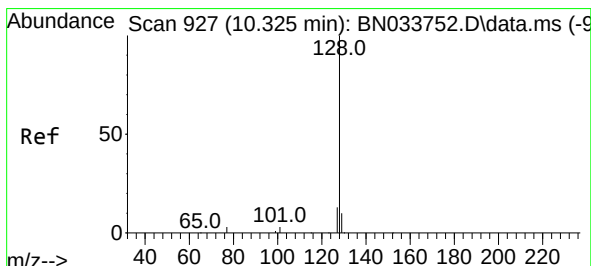
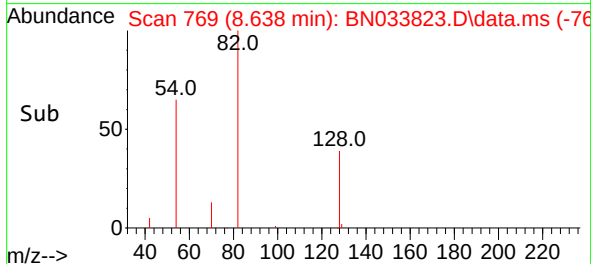
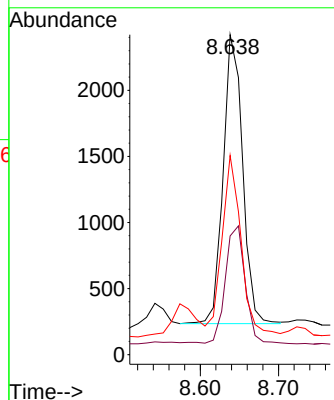
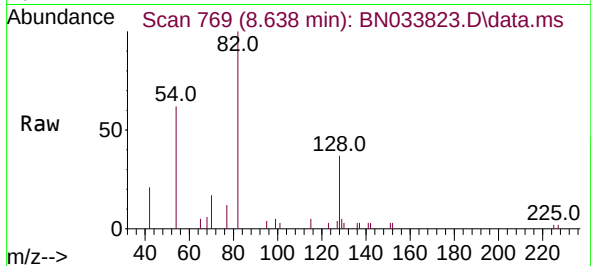




#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.638 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

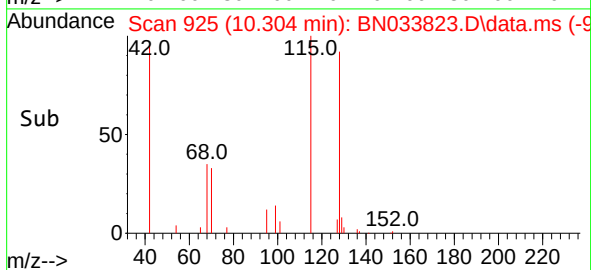
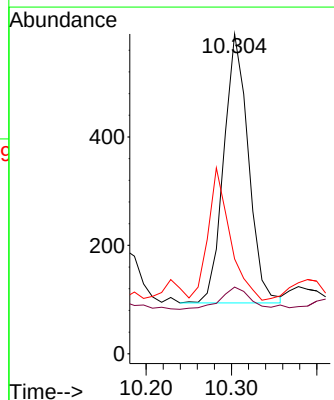
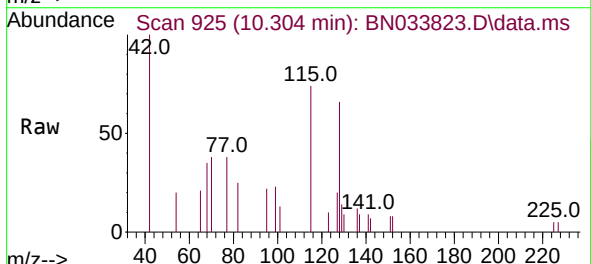
Instrument :
BNA_N
ClientSampleId :
TOWER-2

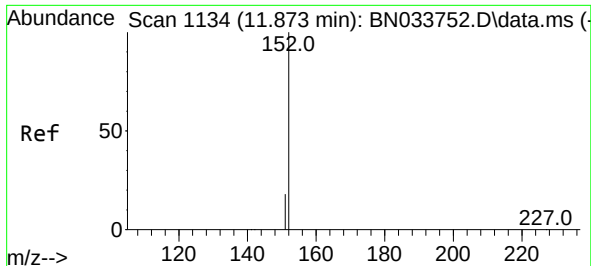
Tgt Ion: 82 Resp: 3761
Ion Ratio Lower Upper
82 100
128 37.1 31.3 46.9
54 62.2 46.9 70.3



#9
Naphthalene
Concen: 0.031 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.021 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion: 128 Resp: 994
Ion Ratio Lower Upper
128 100
129 20.8 8.9 13.3#
127 29.7 10.8 16.2#

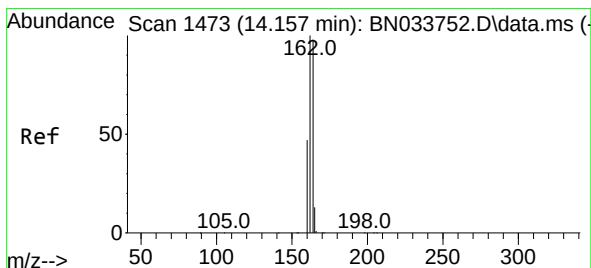
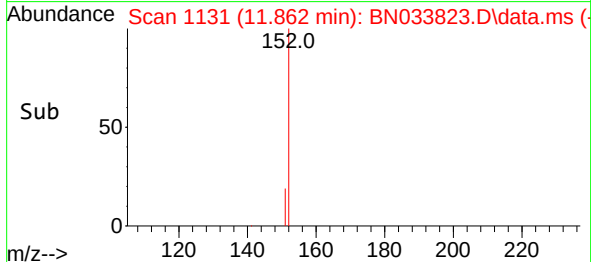
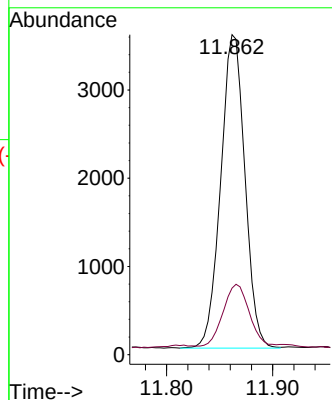
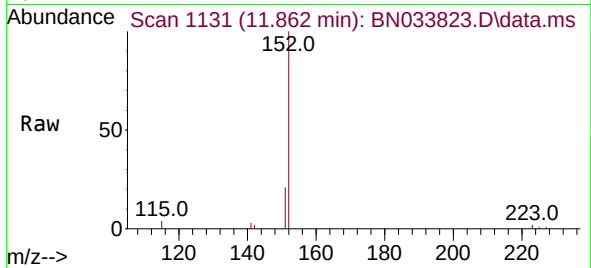




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.862 min Scan# 1131
Delta R.T. -0.011 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

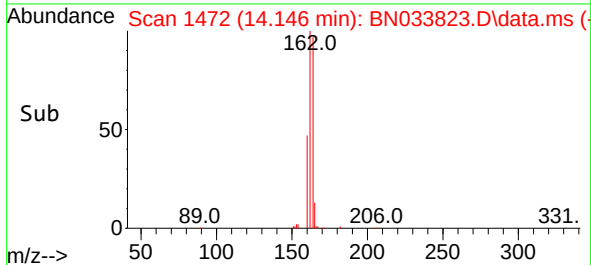
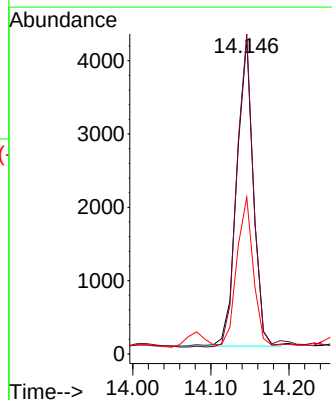
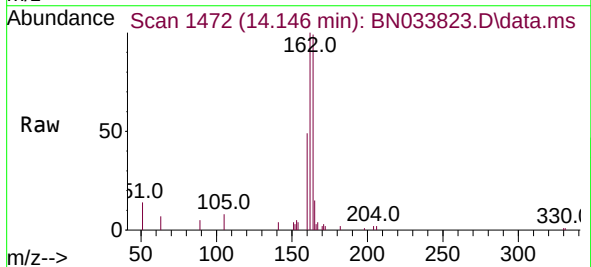
Instrument :
BNA_N
ClientSampleId :
TOWER-2

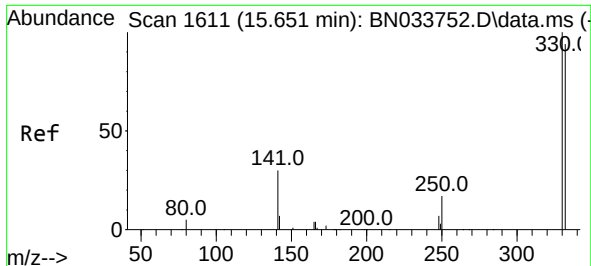
Tgt Ion:152 Resp: 5637
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion:164 Resp: 6177
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 49.7 39.1 58.7

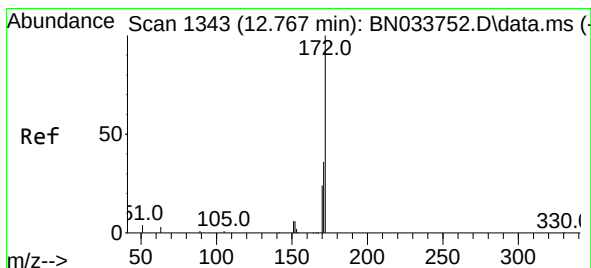
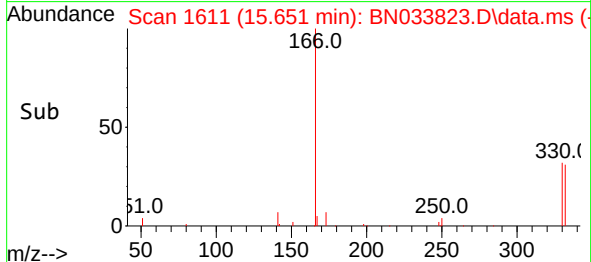
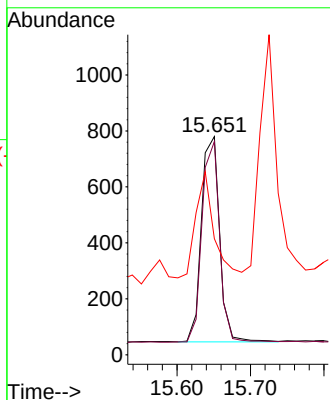
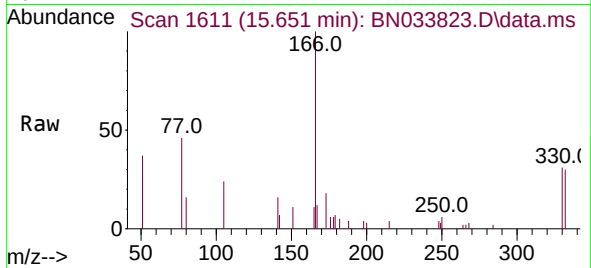




#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

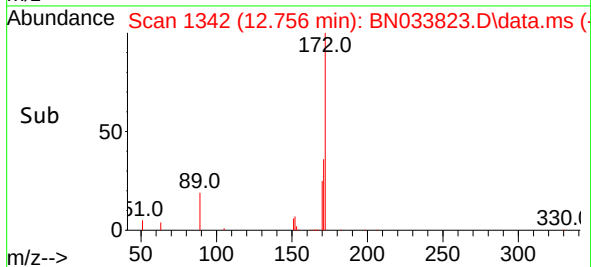
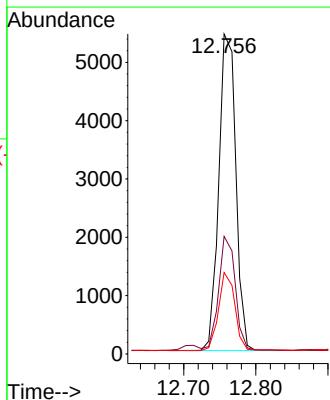
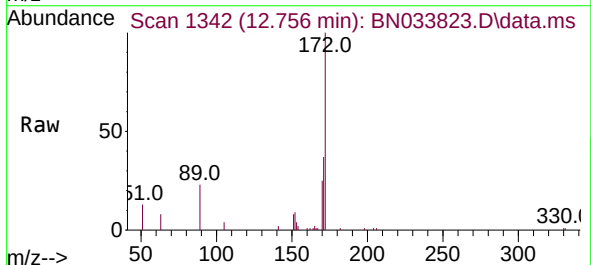
Instrument :
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ClientSampleId :
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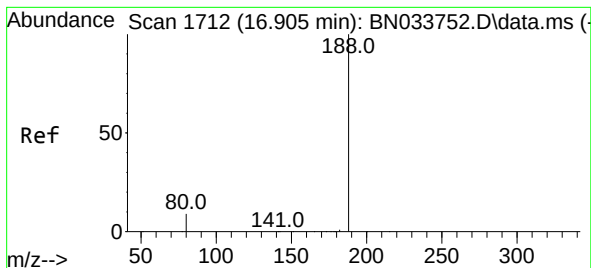
Tgt Ion: 330 Resp: 1265
Ion Ratio Lower Upper
330 100
332 94.2 74.2 111.4
141 51.9 33.9 50.9#



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.756 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion: 172 Resp: 8909
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 25.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN033823.D

Acq: 09 Sep 2024 19:02

Instrument :

BNA_N

ClientSampleId :

TOWER-2

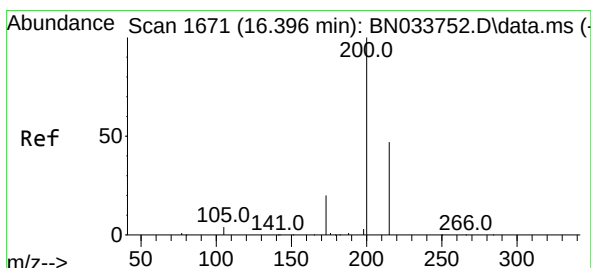
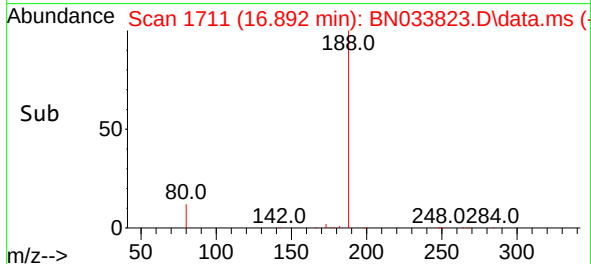
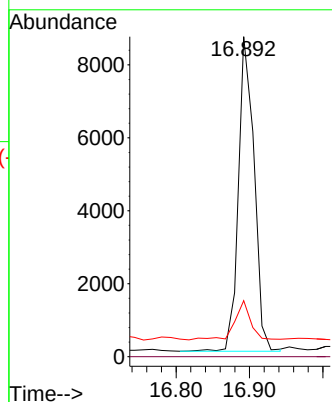
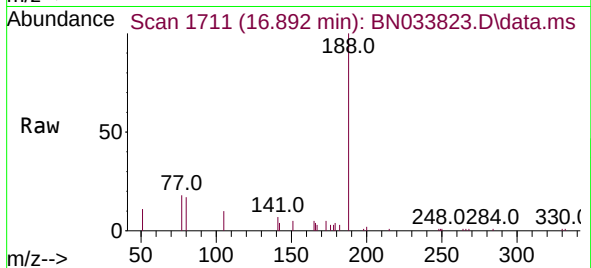
Tgt Ion:188 Resp: 12818

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.5 7.9 11.9#



#23

Atrazine

Concen: 0.026 ng

RT: 16.396 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BN033823.D

Acq: 09 Sep 2024 19:02

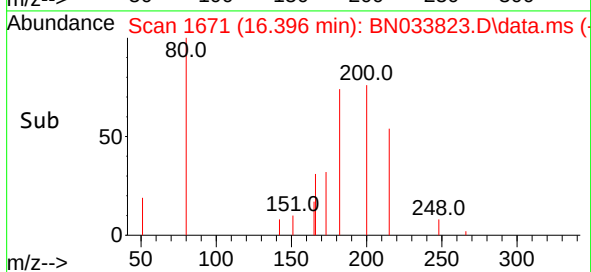
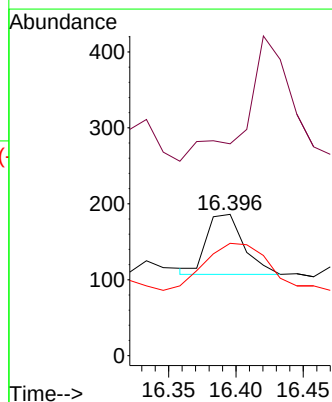
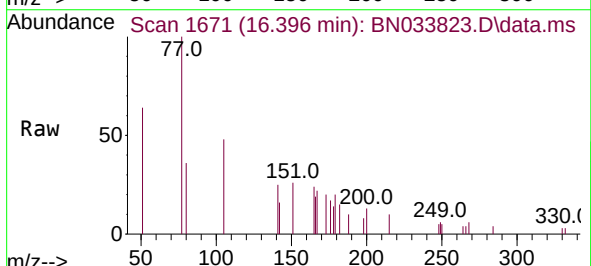
Tgt Ion:200 Resp: 152

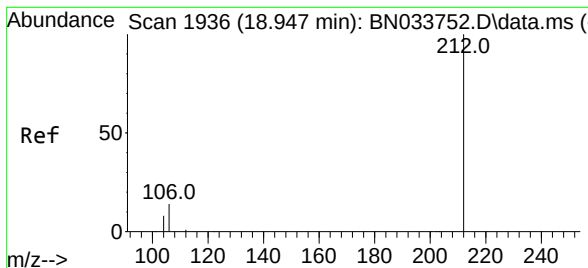
Ion Ratio Lower Upper

200 100

173 150.0 18.2 27.4#

215 79.6 39.0 58.4#

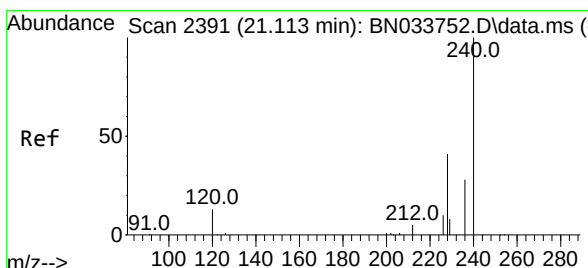
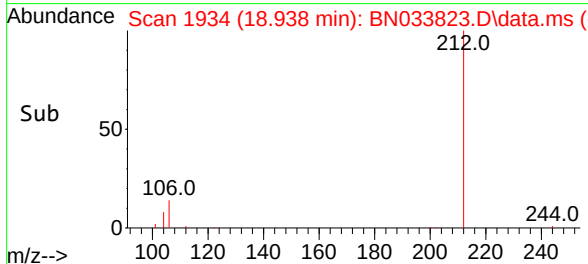
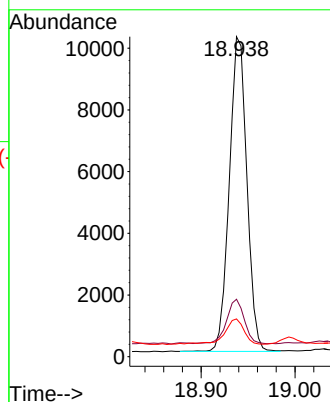
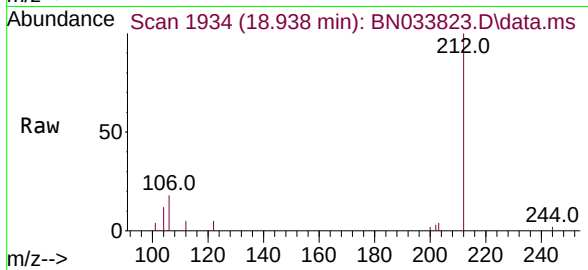




#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.938 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

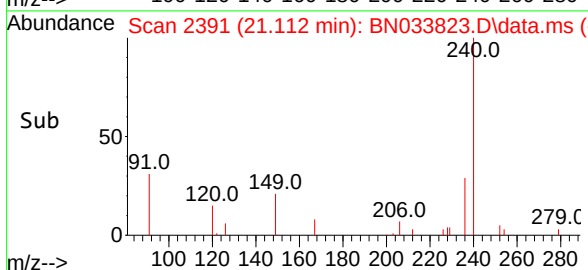
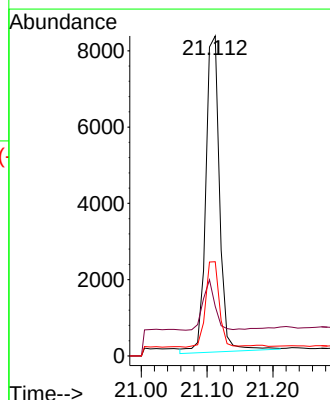
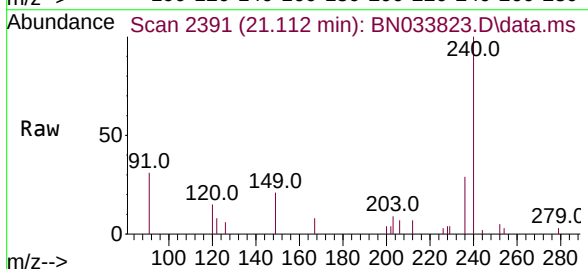
Instrument :
BNA_N
ClientSampleId :
TOWER-2

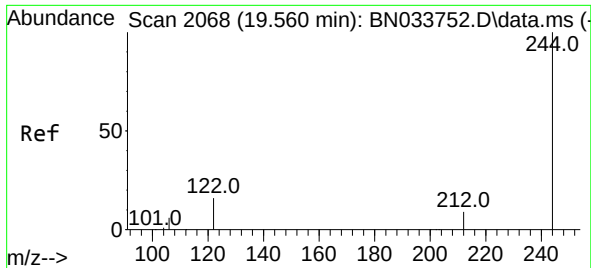
Tgt Ion:212 Resp: 13280
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 9.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Tgt Ion:240 Resp: 12188
Ion Ratio Lower Upper
240 100
120 15.5 13.7 20.5
236 29.4 23.4 35.2

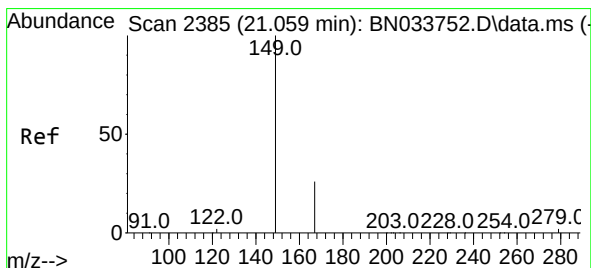
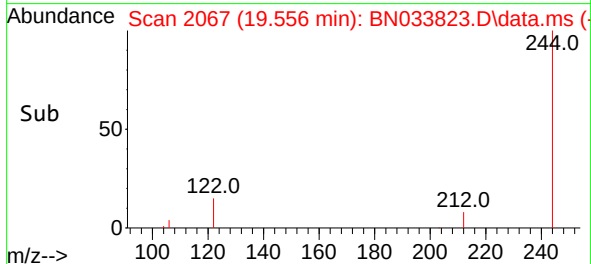
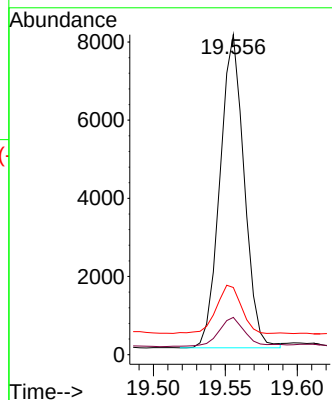
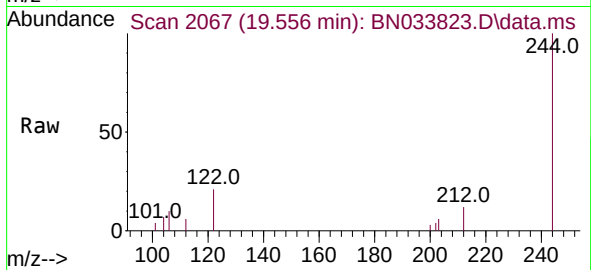




#31
 Terphenyl-d14
 Concen: 0.361 ng
 RT: 19.556 min Scan# 2067
 Delta R.T. -0.005 min
 Lab File: BN033823.D
 Acq: 09 Sep 2024 19:02

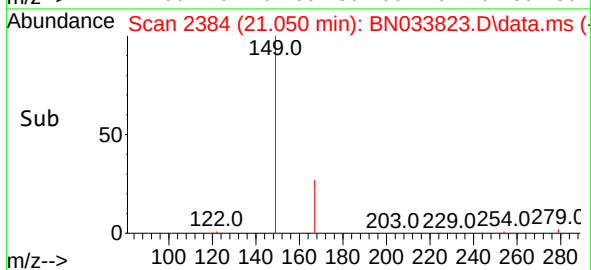
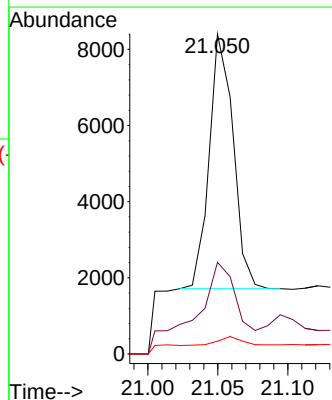
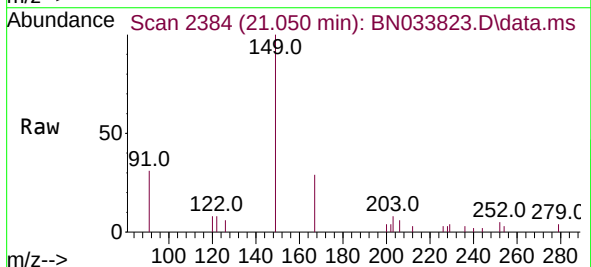
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

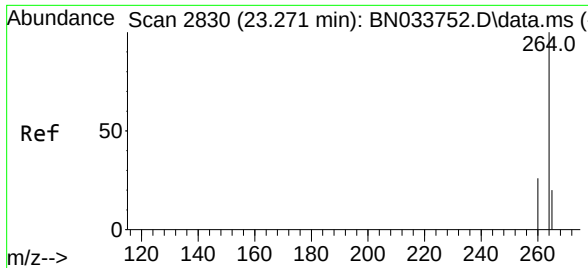
Tgt Ion:244 Resp: 9383
 Ion Ratio Lower Upper
 244 100
 212 11.6 7.9 11.9
 122 21.0 13.2 19.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.335 ng
 RT: 21.050 min Scan# 2384
 Delta R.T. -0.009 min
 Lab File: BN033823.D
 Acq: 09 Sep 2024 19:02

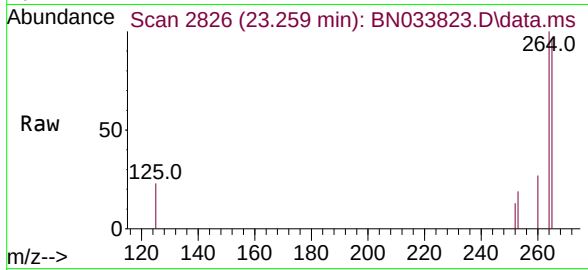
Tgt Ion:149 Resp: 7942
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.0 31.4
 279 3.6 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.259 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033823.D
Acq: 09 Sep 2024 19:02

Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:264 Resp: 9443
Ion Ratio Lower Upper
264 100
260 26.8 21.1 31.7
265 95.5 72.0 108.0

