

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
 Data File : BN035993.D
 Acq On : 20 Jan 2025 11:39
 Operator : RC/JU
 Sample : Q1112-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Quant Time: Jan 20 12:01:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

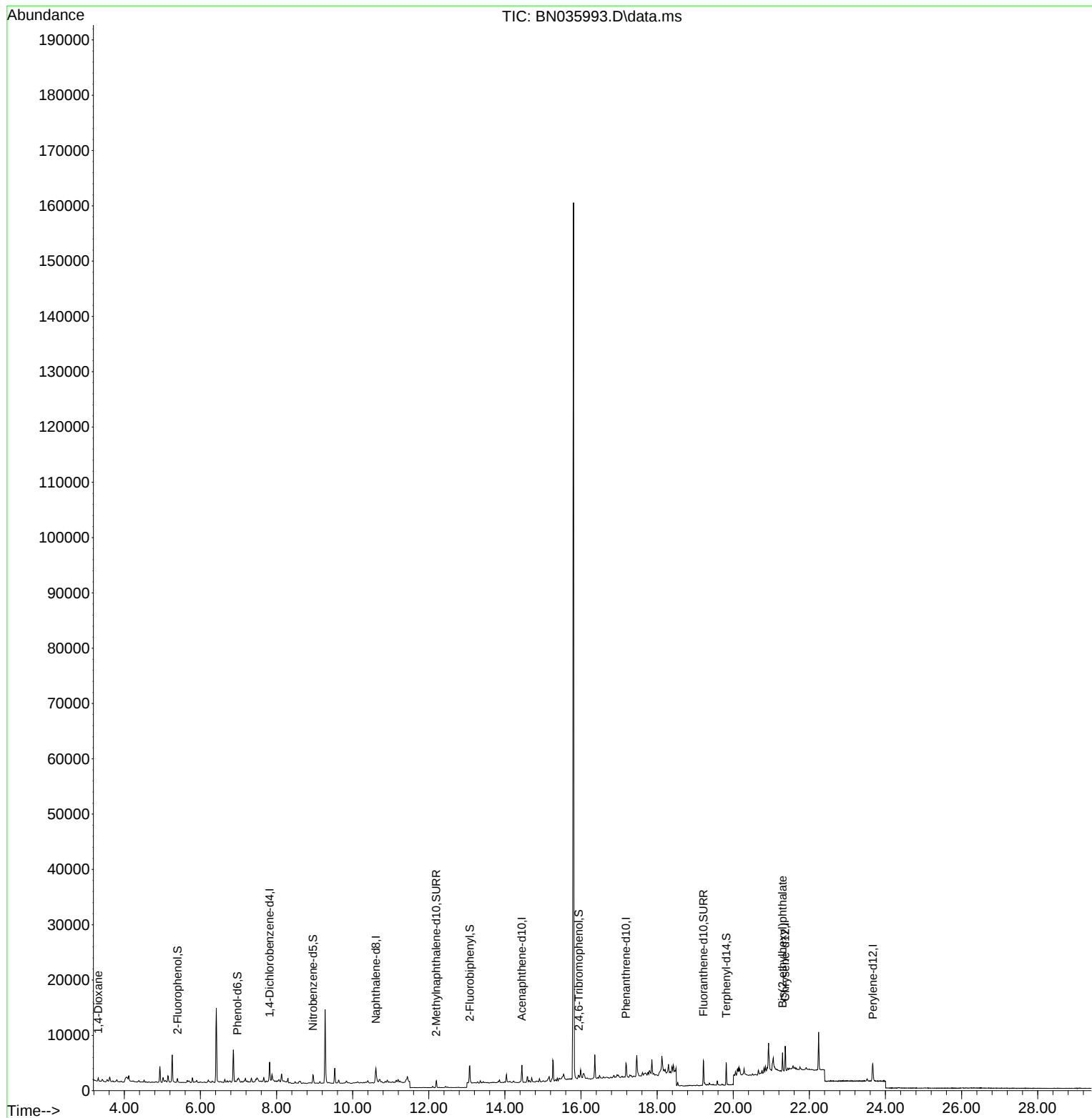
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	1503	0.400	ng	-0.02
7) Naphthalene-d8	10.611	136	3015	0.400	ng	-0.01
13) Acenaphthene-d10	14.447	164	1731	0.400	ng	-0.01
19) Phenanthrene-d10	17.181	188	3559	0.400	ng	#-0.03
29) Chrysene-d12	21.367	240	3869	0.400	ng	-0.02
35) Perylene-d12	23.666	264	4174	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	505	0.137	ng	-0.01
5) Phenol-d6	6.972	99	346	0.076	ng	-0.01
8) Nitrobenzene-d5	8.956	82	1156	0.484	ng	-0.03
11) 2-Methylnaphthalene-d10	12.198	152	1654	0.410	ng	-0.02
14) 2,4,6-Tribromophenol	15.940	330	315	0.379	ng	-0.02
15) 2-Fluorobiphenyl	13.079	172	2792	0.368	ng	-0.01
27) Fluoranthene-d10	19.215	212	4850	0.549	ng	-0.02
31) Terphenyl-d14	19.815	244	3697	0.480	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.318	88	340	0.228	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.295	149	2722	0.490	ng	96

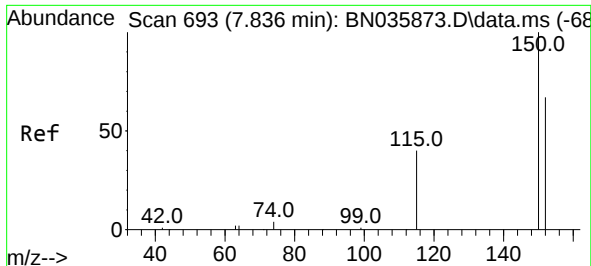
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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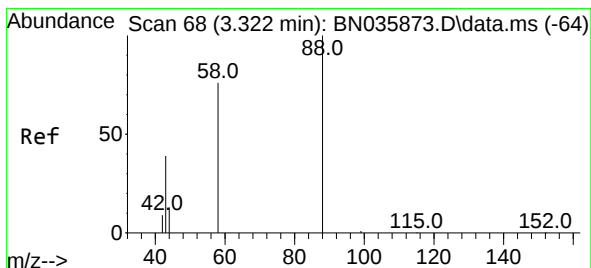
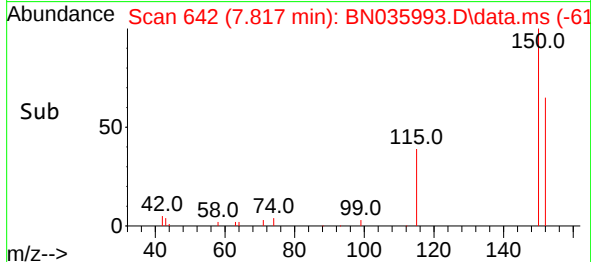
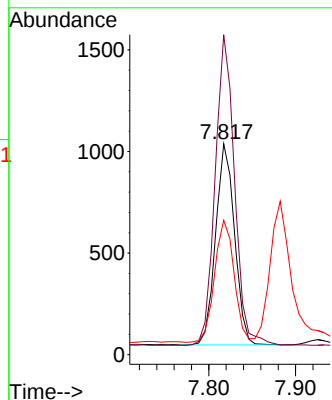
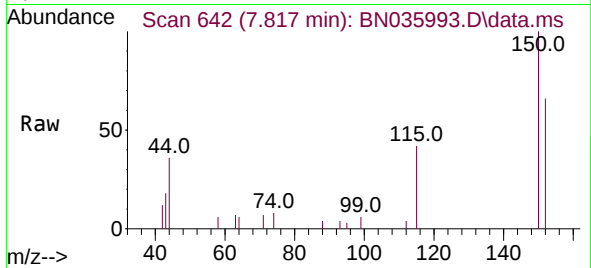




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.817 min Scan# 64
 Delta R.T. -0.019 min
 Lab File: BN035993.D
 Acq: 20 Jan 2025 11:39

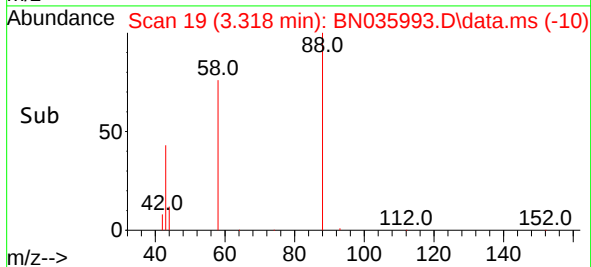
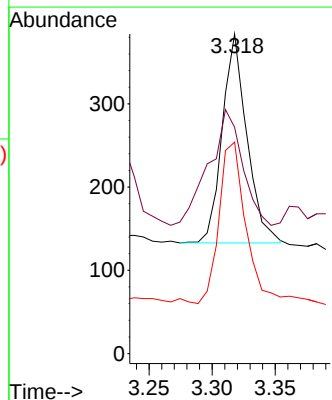
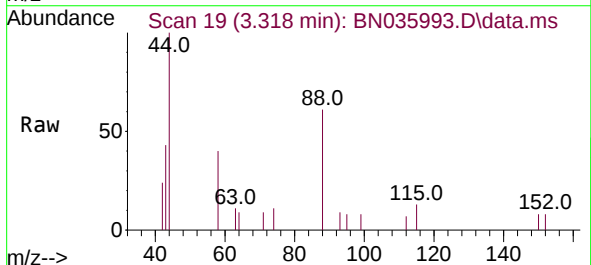
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

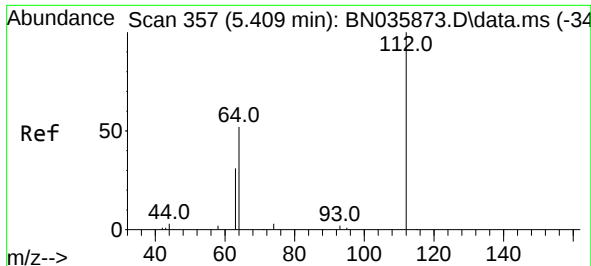
Tgt Ion:152 Resp: 1503
 Ion Ratio Lower Upper
 152 100
 150 151.7 117.8 176.6
 115 63.8 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.228 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035993.D
 Acq: 20 Jan 2025 11:39

Tgt Ion: 88 Resp: 340
 Ion Ratio Lower Upper
 88 100
 43 75.3 32.7 49.1#
 58 83.8 63.0 94.4

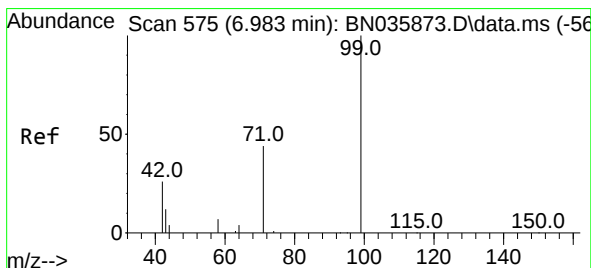
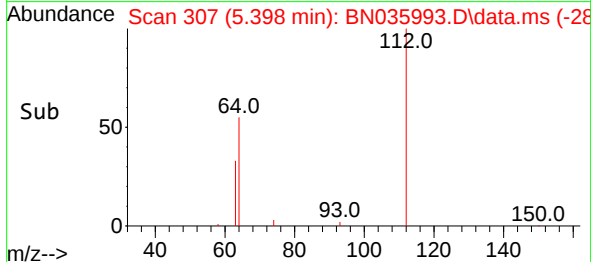
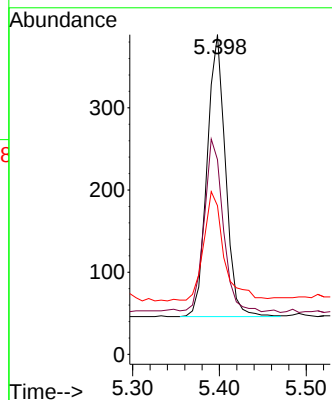
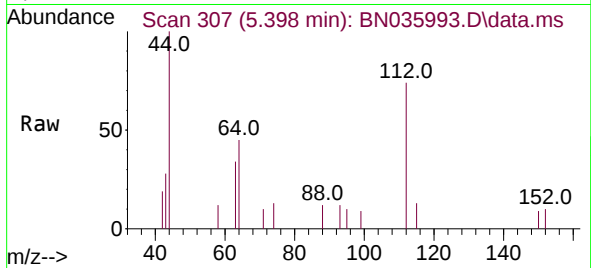




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

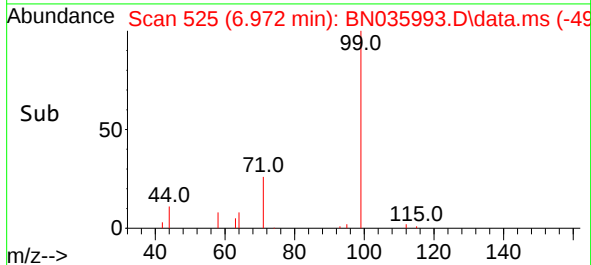
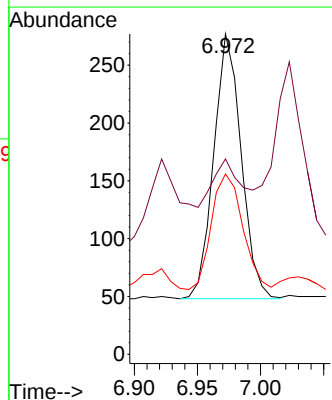
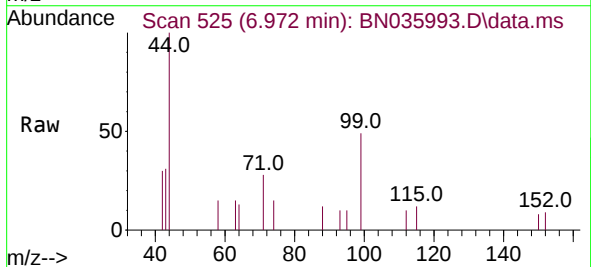
Instrument :
BNA_N
ClientSampleId :
TOWER-1

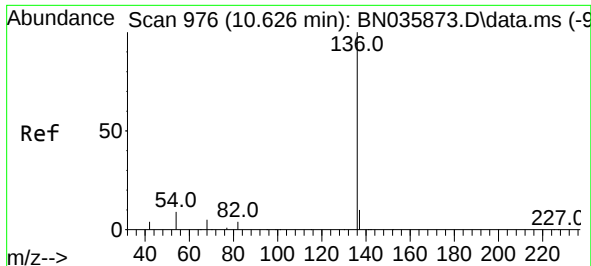
Tgt Ion:112 Resp: 505
Ion Ratio Lower Upper
112 100
64 65.0 48.2 72.2
63 43.2 30.0 45.0



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.972 min Scan# 525
Delta R.T. -0.011 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

Tgt Ion: 99 Resp: 346
Ion Ratio Lower Upper
99 100
42 35.0 23.5 35.3
71 50.9 35.5 53.3

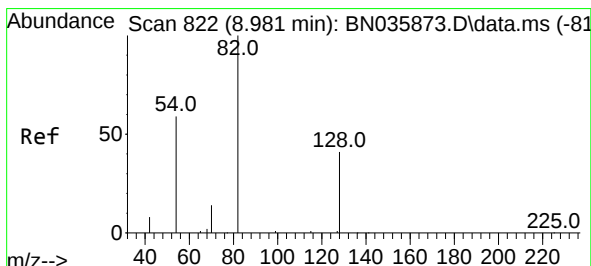
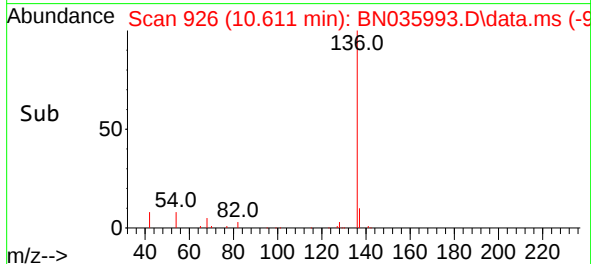
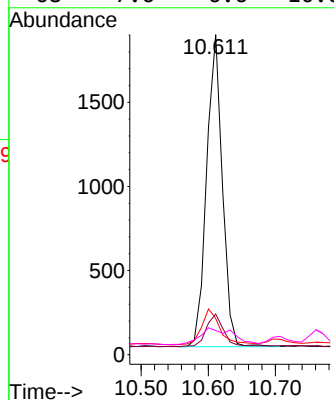
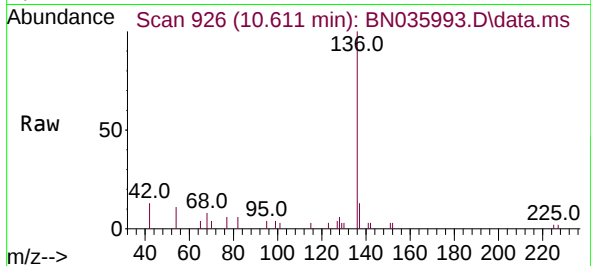




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.611 min Scan# 911
Delta R.T. -0.015 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

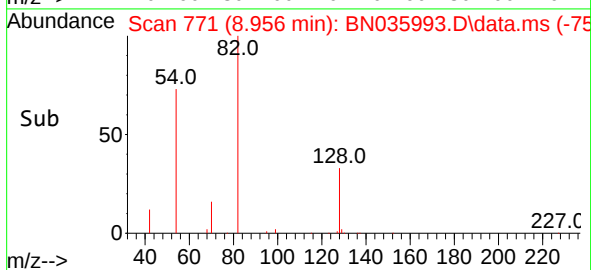
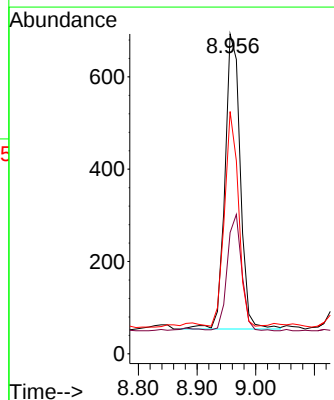
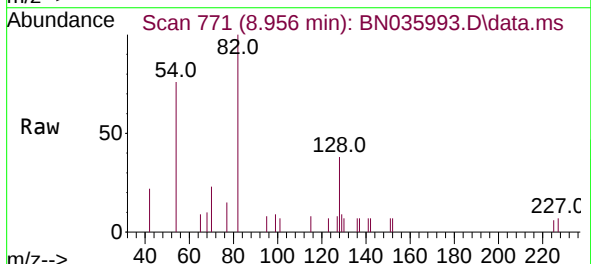
Instrument :
BNA_N
ClientSampleId :
TOWER-1

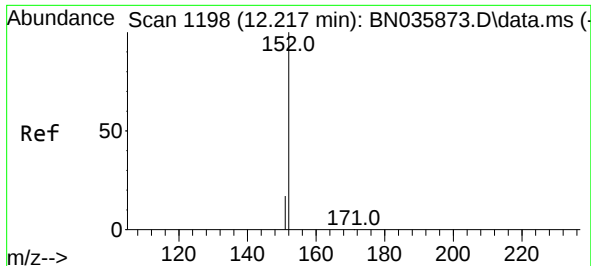
Tgt Ion:	136	Resp:	3015
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.6	15.8
54	11.3	9.8	14.6
68	7.6	6.6	10.0



#8
Nitrobenzene-d5
Concen: 0.484 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.025 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

Tgt Ion:	82	Resp:	1156
Ion	Ratio	Lower	Upper
82	100		
128	38.0	36.9	55.3
54	75.8	50.4	75.6

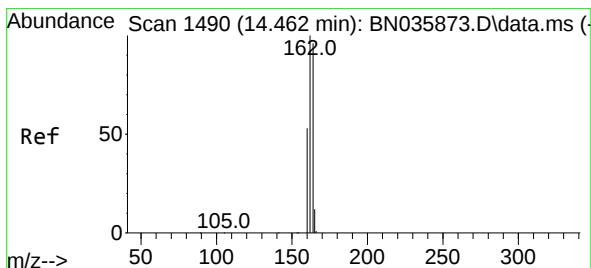
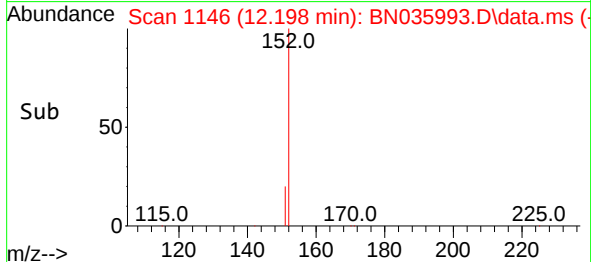
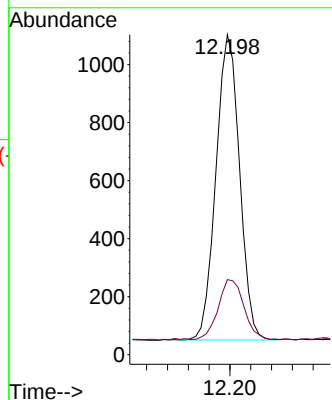
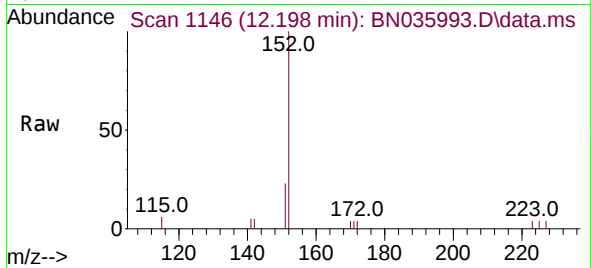




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.198 min Scan# 1198
Delta R.T. -0.019 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

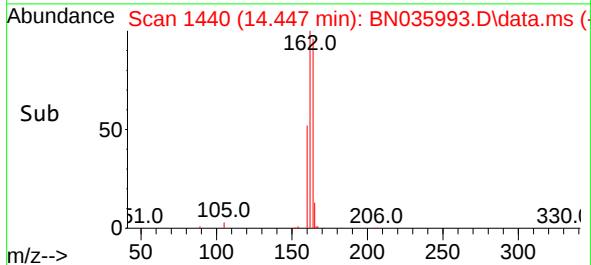
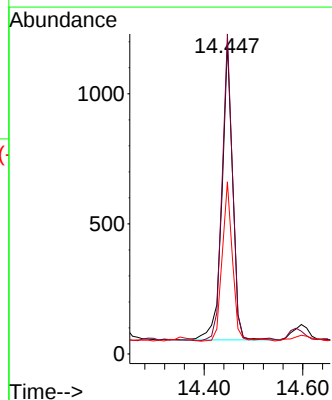
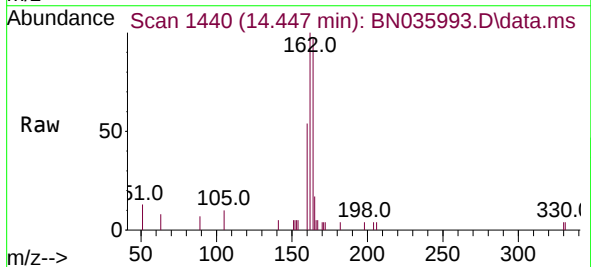
Instrument :
BNA_N
ClientSampleId :
TOWER-1

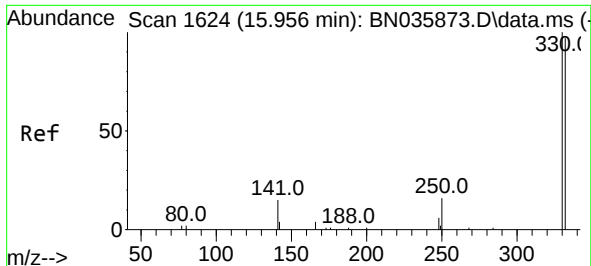
Tgt Ion:152 Resp: 1654
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.447 min Scan# 1440
Delta R.T. -0.015 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

Tgt Ion:164 Resp: 1731
Ion Ratio Lower Upper
164 100
162 103.1 83.1 124.7
160 55.5 46.0 69.0





#14

2,4,6-Tribromophenol

Concen: 0.379 ng

RT: 15.940 min Scan# 1

Delta R.T. -0.016 min

Lab File: BN035993.D

Acq: 20 Jan 2025 11:39

Instrument :

BNA_N

ClientSampleId :

TOWER-1

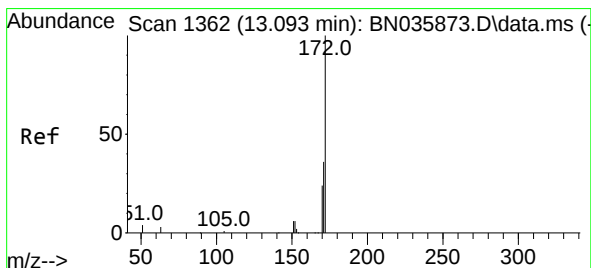
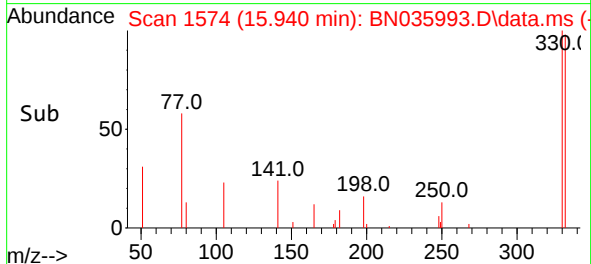
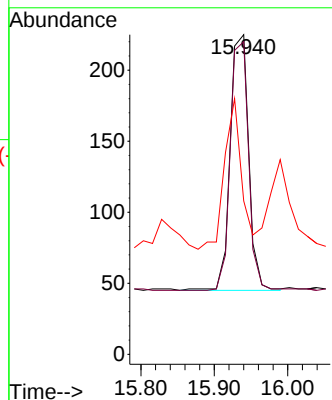
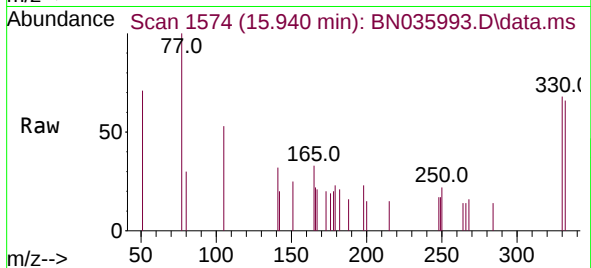
Tgt Ion:330 Resp: 315

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 54.0 31.6 47.4#



#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 13.079 min Scan# 1312

Delta R.T. -0.015 min

Lab File: BN035993.D

Acq: 20 Jan 2025 11:39

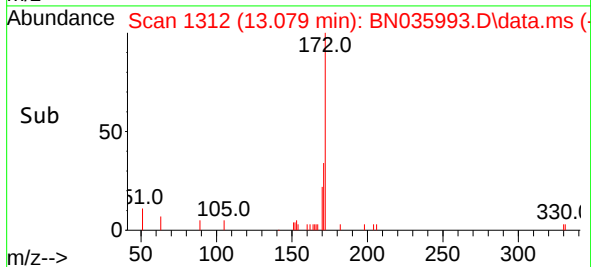
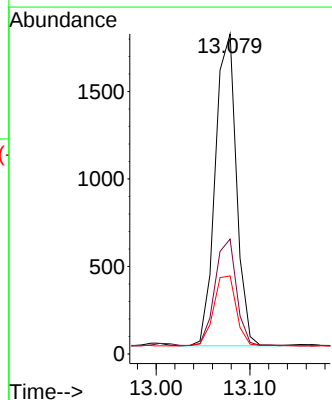
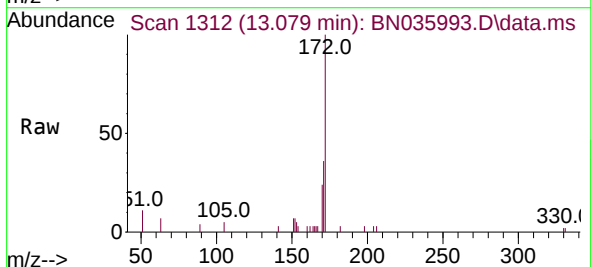
Tgt Ion:172 Resp: 2792

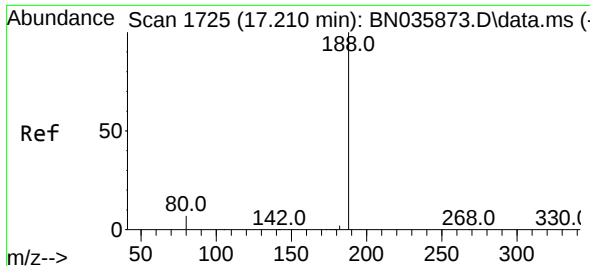
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 24.4 20.8 31.2

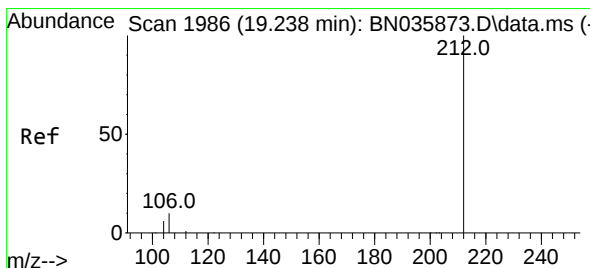
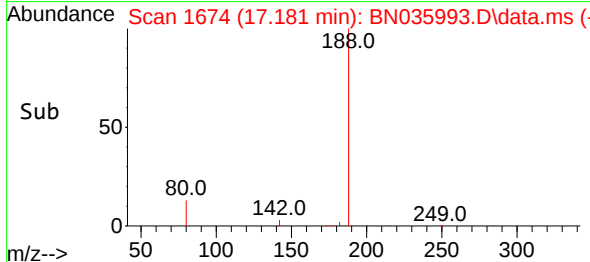
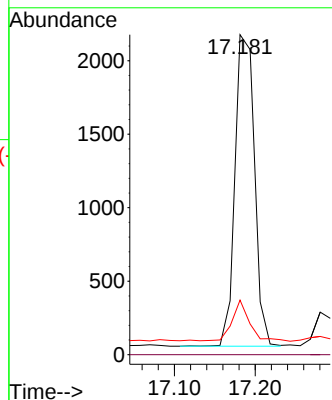
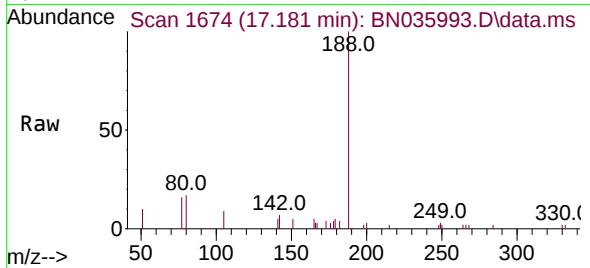




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 11
Delta R.T. -0.029 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

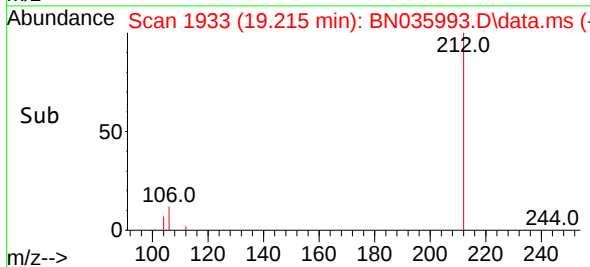
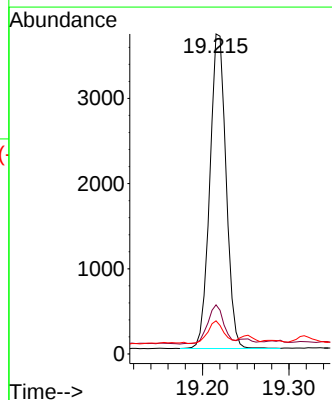
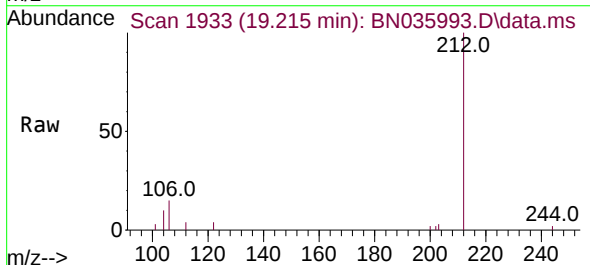
Instrument :
BNA_N
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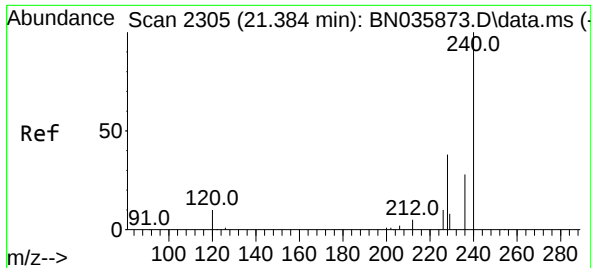
Tgt Ion:188 Resp: 3559
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 7.3 10.9#



#27
Fluoranthene-d10
Concen: 0.549 ng
RT: 19.215 min Scan# 1933
Delta R.T. -0.022 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

Tgt Ion:212 Resp: 4850
Ion Ratio Lower Upper
212 100
106 12.4 9.0 13.6
104 7.1 5.4 8.2

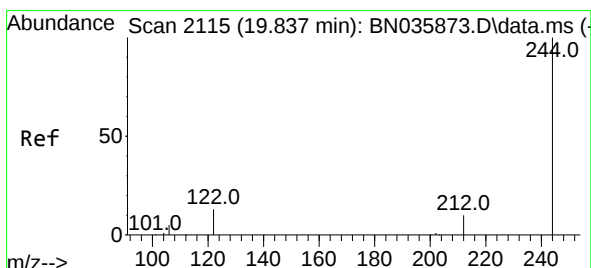
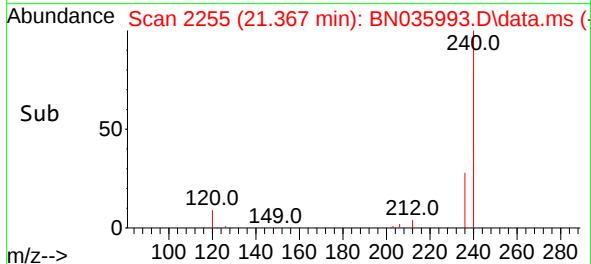
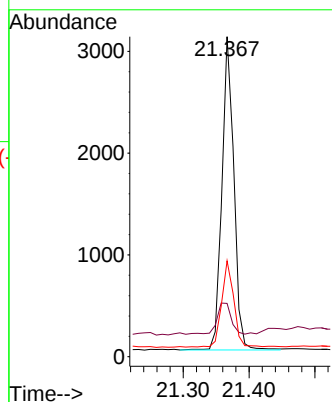
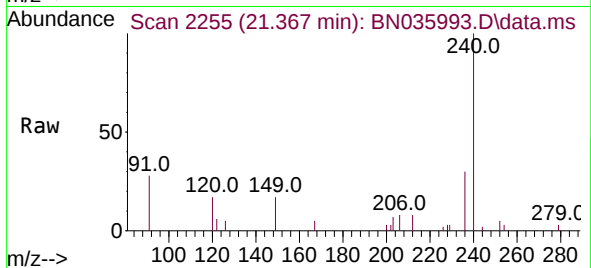




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

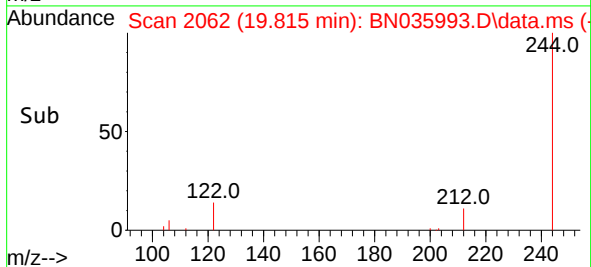
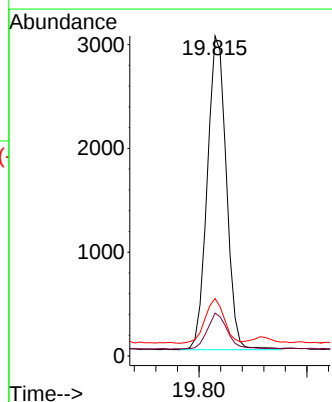
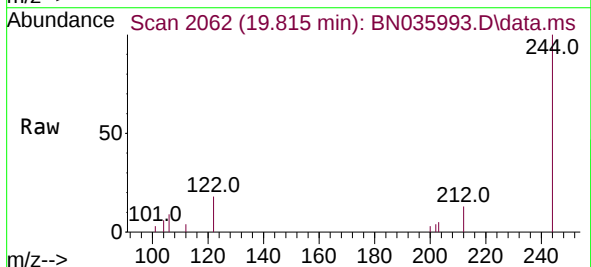
Instrument :
BNA_N
ClientSampleId :
TOWER-1

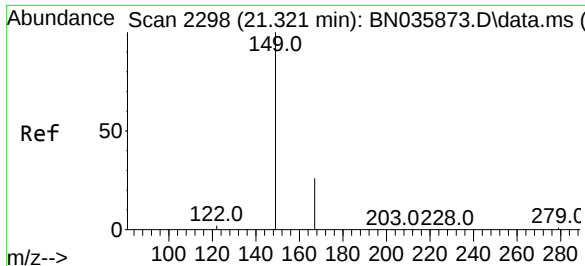
Tgt Ion:240 Resp: 3869
Ion Ratio Lower Upper
240 100
120 16.6 11.1 16.7
236 30.0 24.6 36.8



#31
Terphenyl-d14
Concen: 0.480 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.022 min
Lab File: BN035993.D
Acq: 20 Jan 2025 11:39

Tgt Ion:244 Resp: 3697
Ion Ratio Lower Upper
244 100
212 13.4 10.1 15.1
122 18.0 12.2 18.4

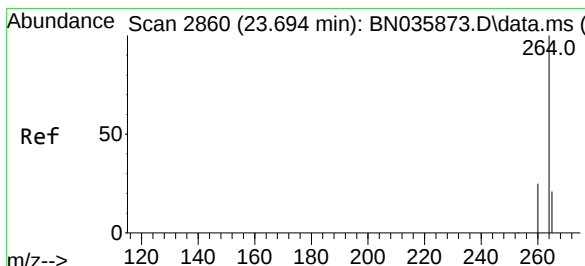
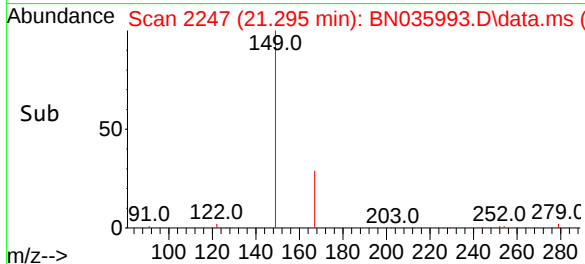
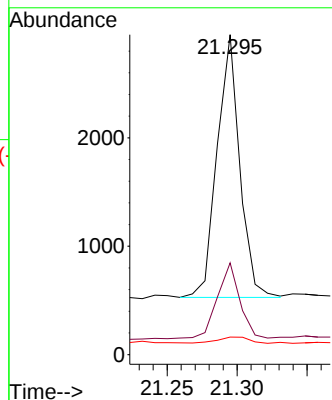
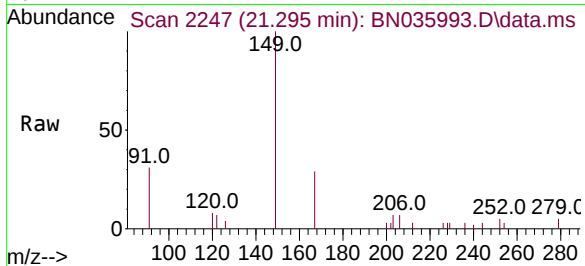




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.490 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BN035993.D
 Acq: 20 Jan 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Tgt Ion:149 Resp: 2722
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.4 32.0
 279 3.5 3.0 4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.666 min Scan# 2802
 Delta R.T. -0.028 min
 Lab File: BN035993.D
 Acq: 20 Jan 2025 11:39

Tgt Ion:264 Resp: 4174
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 62.1 33.9 50.9#

