

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017772.D
 Acq On : 07 Dec 2021 20:37
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Quant Time: Dec 08 07:34:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

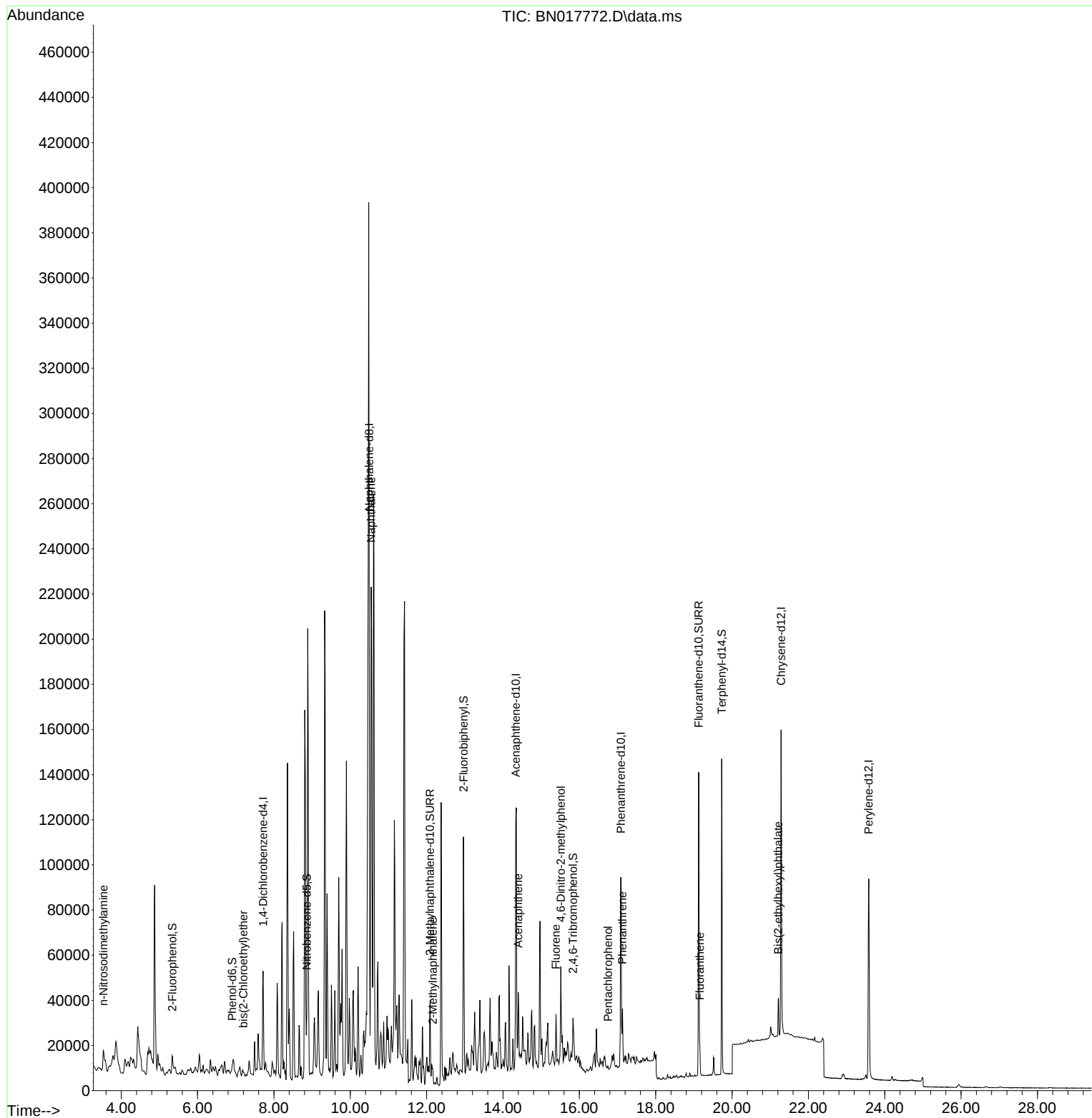
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	22200	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79894	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	64691	0.400	ng	#-0.01
19) Phenanthrene-d10	17.092	188	135184	0.400	ng	0.00
29) Chrysene-d12	21.282	240	135340	0.400	ng	0.00
35) Perylene-d12	23.579	264	123836	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8501	0.159	ng	0.00
5) Phenol-d6	6.903	99	4596	0.091	ng	0.00
8) Nitrobenzene-d5	8.859	82	20501	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	50755	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	15808	0.467	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	92057	0.389	ng	0.00
27) Fluoranthene-d10	19.124	212	163680	0.362	ng	0.00
31) Terphenyl-d14	19.730	244	142473	0.490	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.529	42	3659	0.160	ng	# 1
6) bis(2-Chloroethyl)ether	7.198	93	1295	0.023	ng	# 42
9) Naphthalene	10.545	128	63465	0.303	ng	# 1
12) 2-Methylnaphthalene	12.161	142	5648	0.037	ng	# 65
17) Acenaphthene	14.398	154	18073	0.107	ng	92
18) Fluorene	15.388	166	12347	0.057	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.515	198	113	0.162	ng	# 1
24) Pentachlorophenol	16.752	266	269	0.287	ng	# 91
25) Phenanthrene	17.129	178	26342	0.074	ng	# 92
28) Fluoranthene	19.154	202	10081	0.023	ng	96
34) Bis(2-ethylhexyl)phtha...	21.208	149	17943	0.095	ng	100

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

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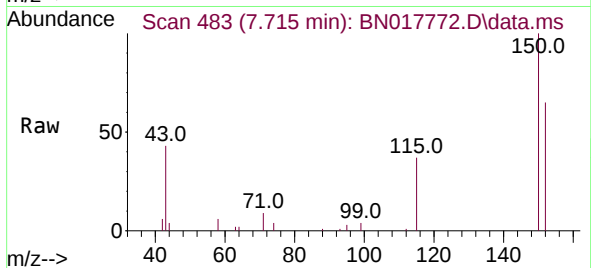
Quant Time: Dec 08 07:34:00 2021
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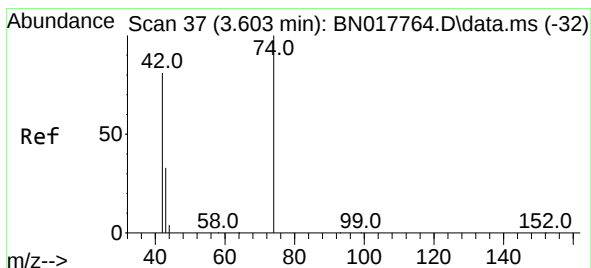
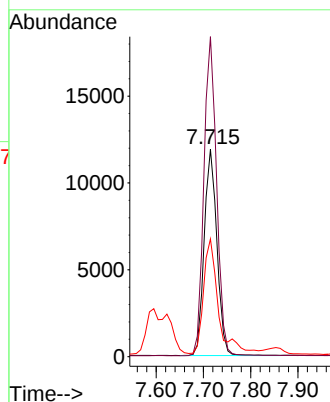
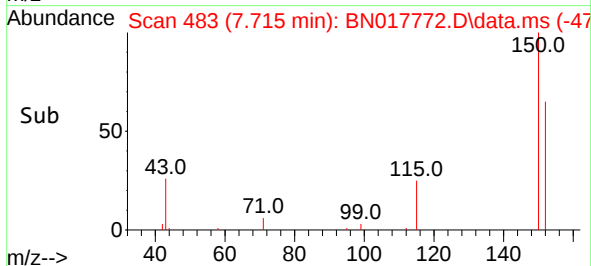


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

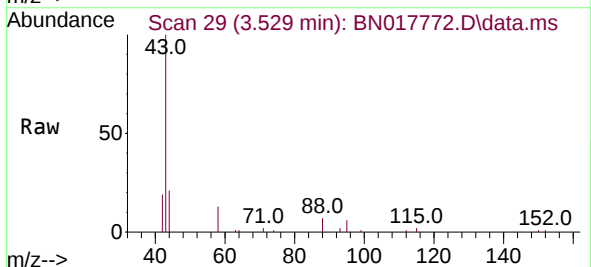
Instrument :
BNA_N
ClientSampleId :
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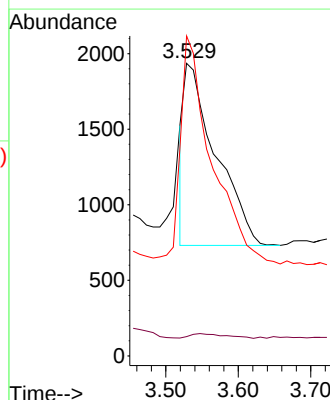
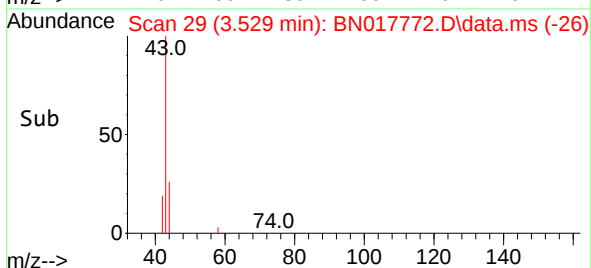
Tgt Ion:152 Resp: 22200
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 56.8 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.529 min Scan# 29
Delta R.T. -0.074 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37



Tgt Ion: 42 Resp: 3659
Ion Ratio Lower Upper
42 100
74 2.9 101.3 151.9#
44 109.2 5.0 7.4#

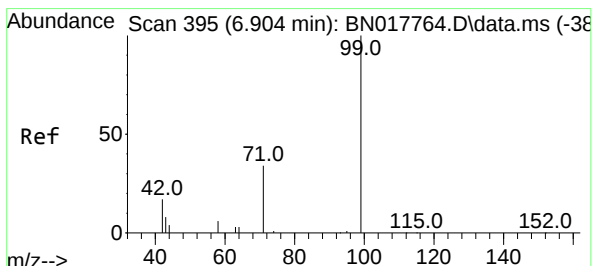
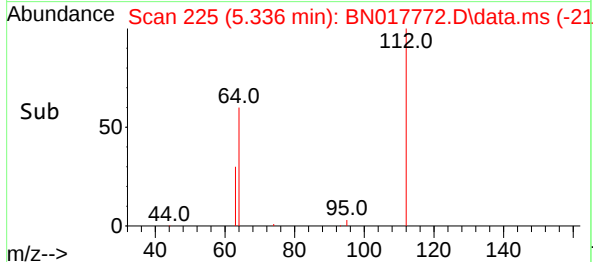
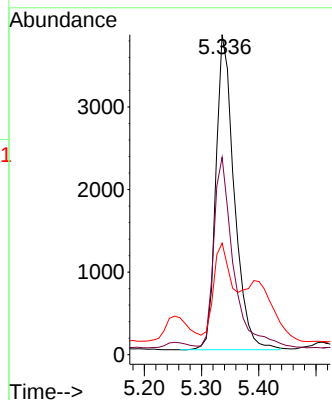
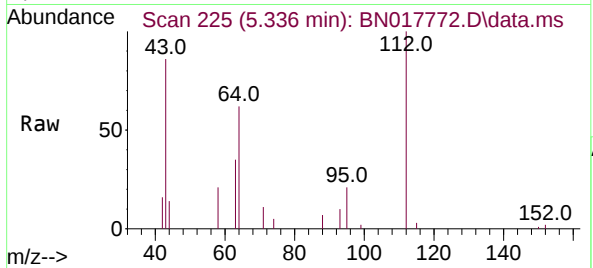




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

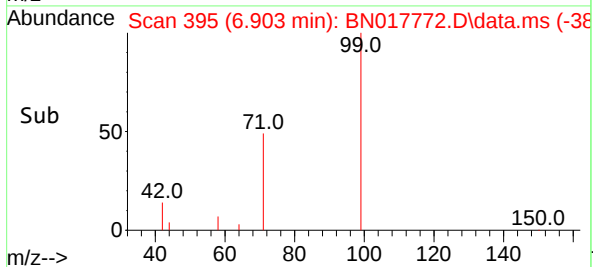
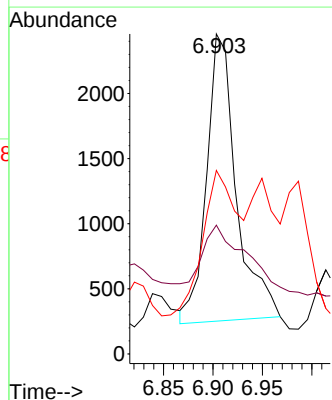
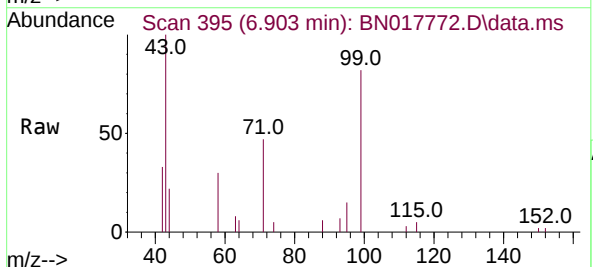
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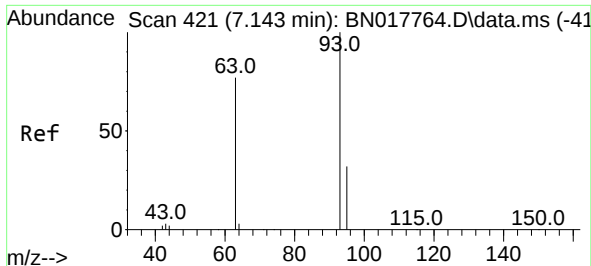
Tgt Ion:112 Resp: 8501
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 28.8 25.8 38.8



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.903 min Scan# 395
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion: 99 Resp: 4596
Ion Ratio Lower Upper
99 100
42 28.7 16.6 25.0#
71 61.0 29.0 43.4#

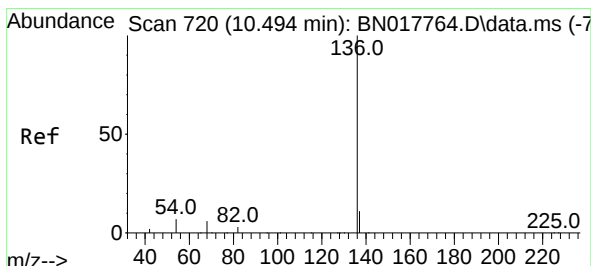
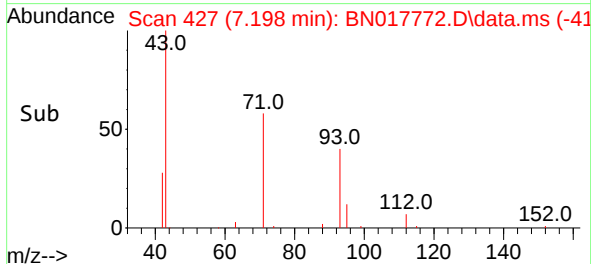
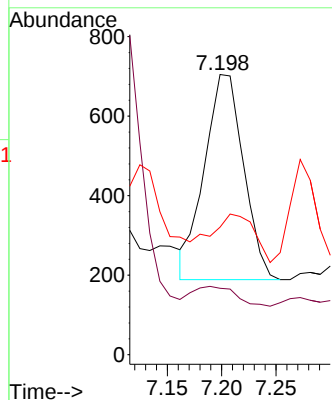
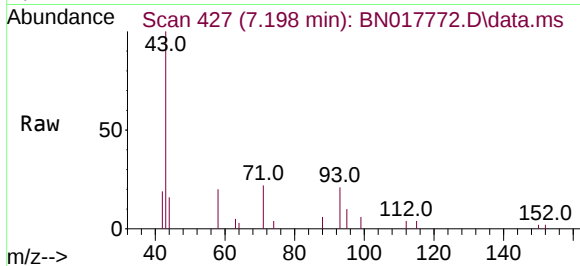




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.198 min Scan# 41
Delta R.T. 0.055 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

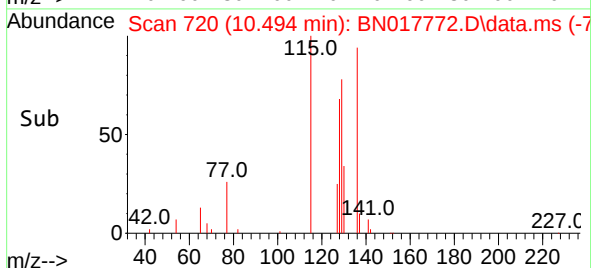
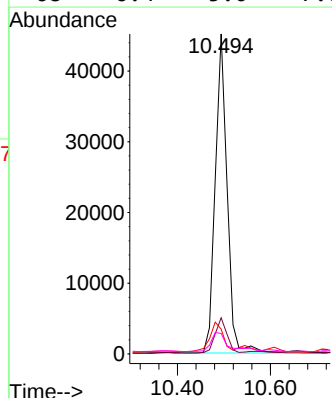
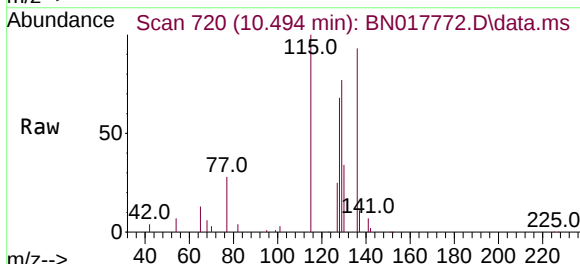
Instrument :
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ClientSampleId :
MW-24

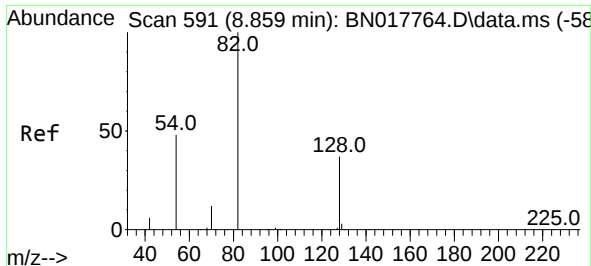
Tgt Ion: 93 Resp: 1295
Ion Ratio Lower Upper
93 100
63 10.6 62.0 93.0#
95 26.3 26.4 39.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion: 136 Resp: 79894
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 5.9 8.9
68 6.4 5.0 7.6

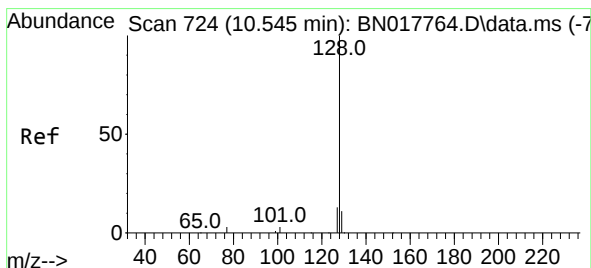
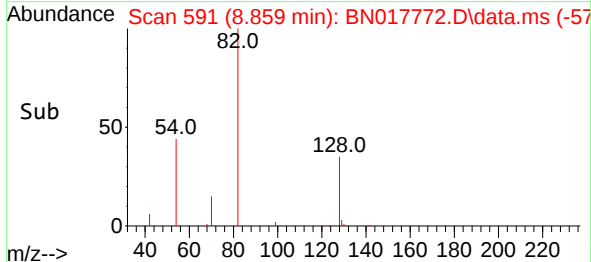
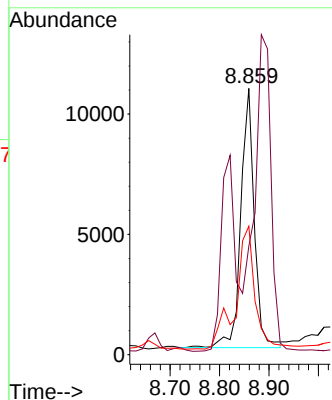
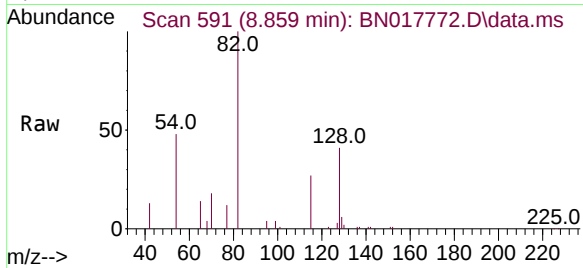




#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

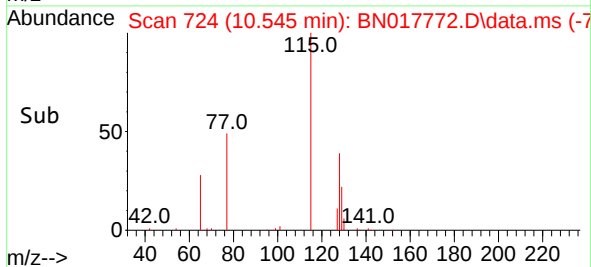
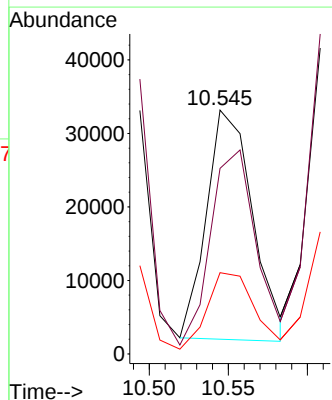
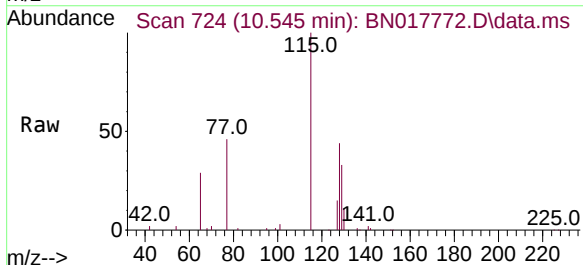
Instrument :
BNA_N
ClientSampleId :
MW-24

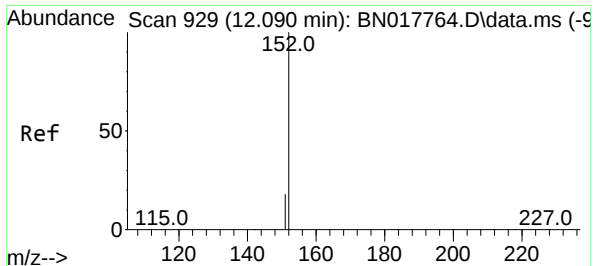
Tgt Ion: 82 Resp: 20501
Ion Ratio Lower Upper
82 100
128 40.8 30.2 45.2
54 48.3 39.0 58.6



#9
Naphthalene
Concen: 0.303 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion: 128 Resp: 63465
Ion Ratio Lower Upper
128 100
129 76.1 8.8 13.2#
127 33.3 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017772.D

Acq: 07 Dec 2021 20:37

Instrument :

BNA_N

ClientSampleId :

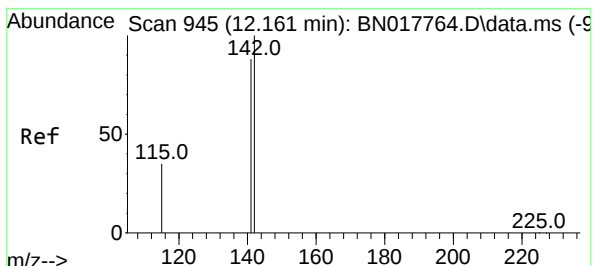
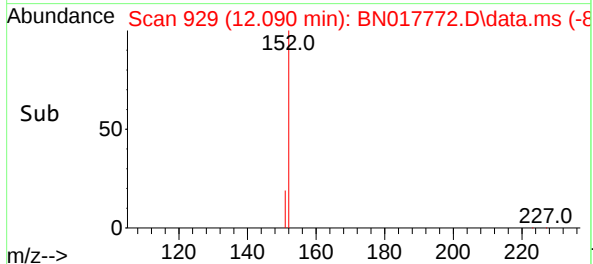
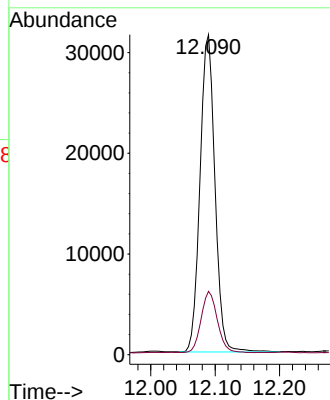
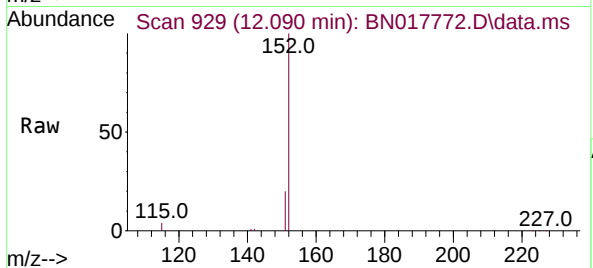
MW-24

Tgt Ion:152 Resp: 50755

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.037 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017772.D

Acq: 07 Dec 2021 20:37

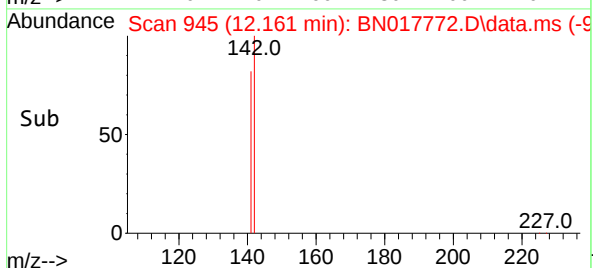
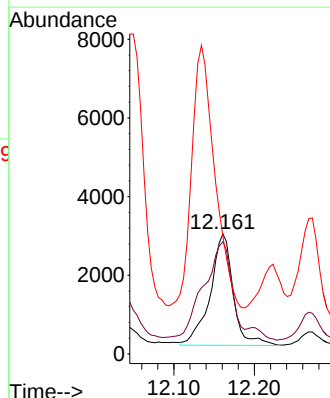
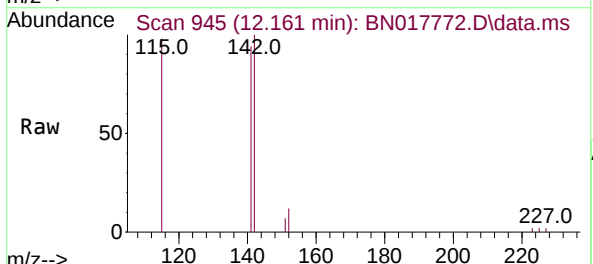
Tgt Ion:142 Resp: 5648

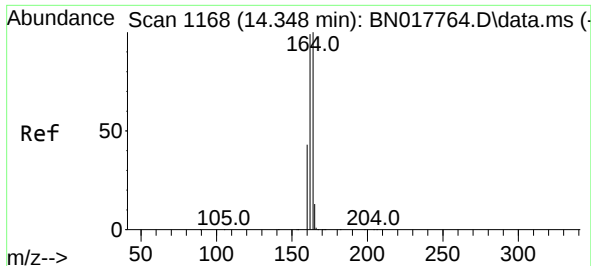
Ion Ratio Lower Upper

142 100

141 93.5 70.5 105.7

115 97.7 28.0 42.0#

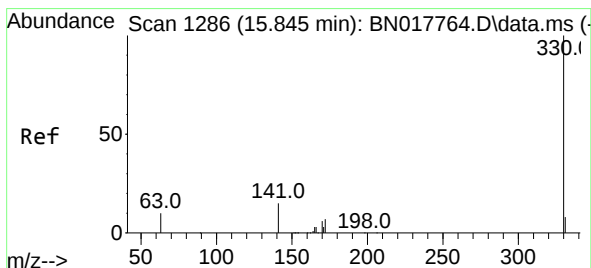
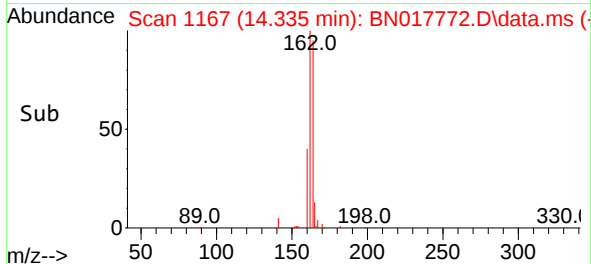
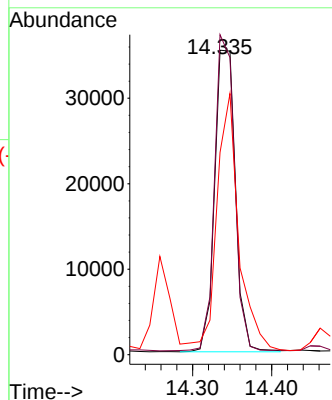
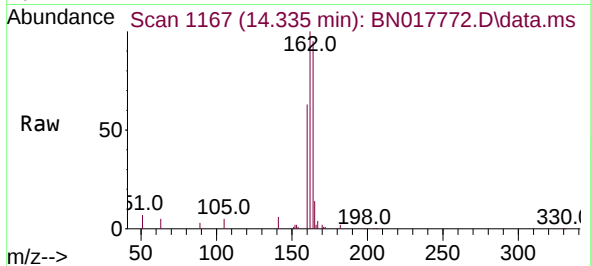




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1167
Delta R.T. -0.013 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

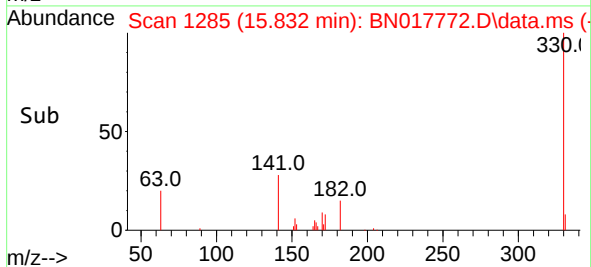
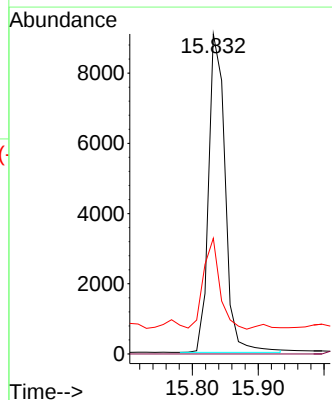
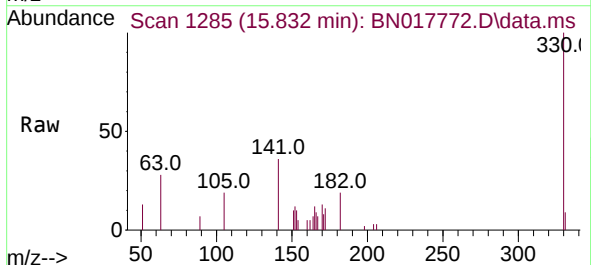
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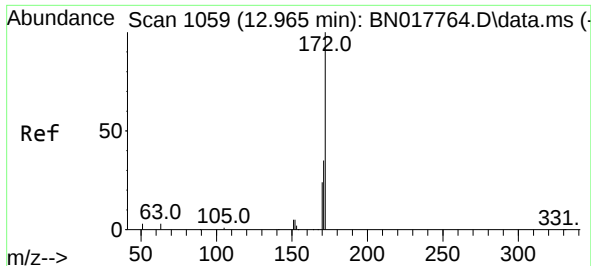
Tgt Ion:164 Resp: 64691
Ion Ratio Lower Upper
164 100
162 105.1 79.0 118.6
160 66.4 34.6 52.0#



#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 15.832 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:330 Resp: 15808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.2 21.5 32.3

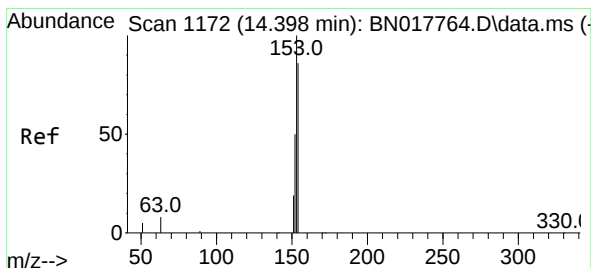
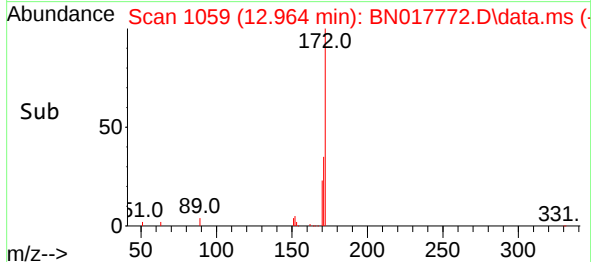
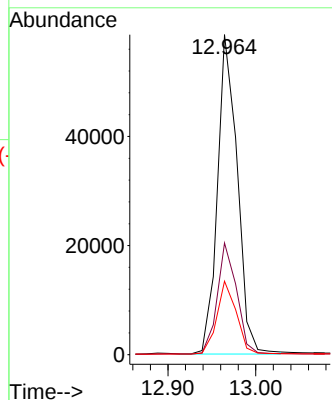
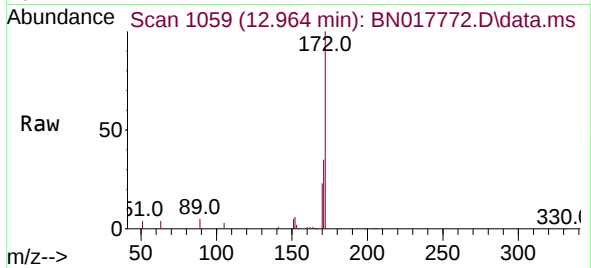




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

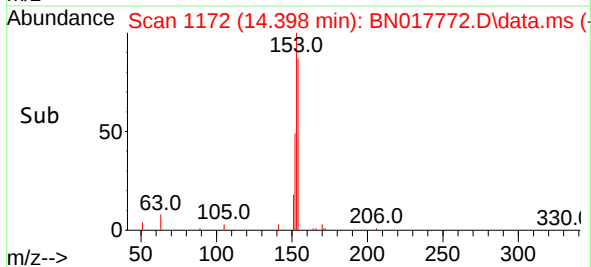
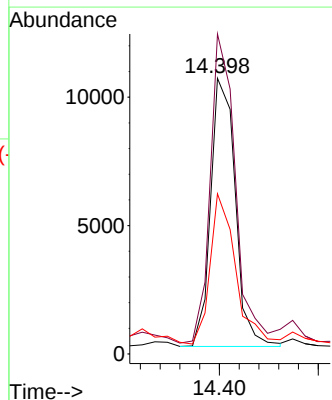
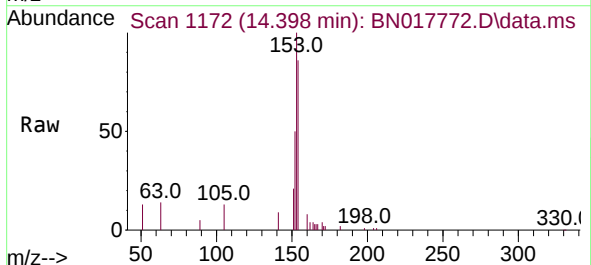
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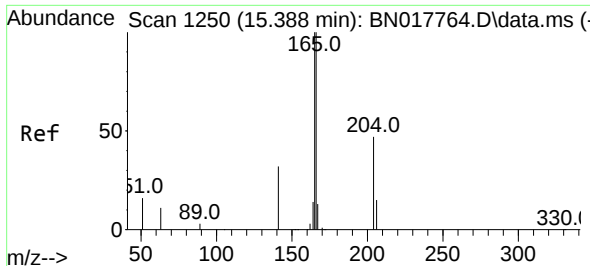
Tgt Ion:172 Resp: 92057
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.9 28.3



#17
Acenaphthene
Concen: 0.107 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:154 Resp: 18073
Ion Ratio Lower Upper
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153 123.9 90.1 135.1
152 56.0 43.7 65.5

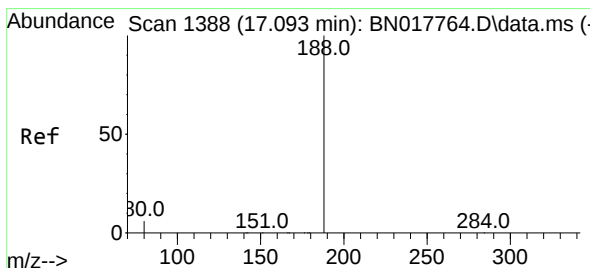
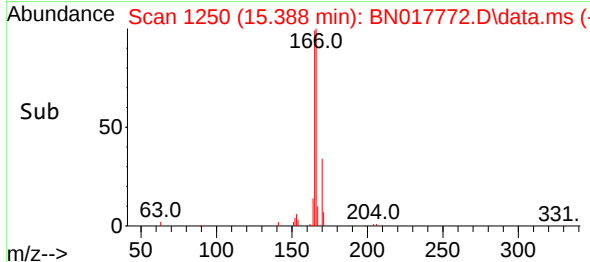
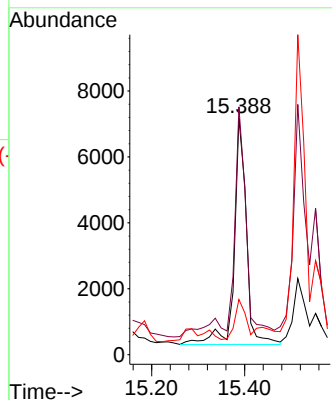
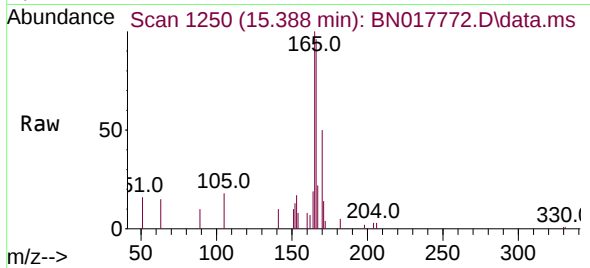




#18
Fluorene
Concen: 0.057 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

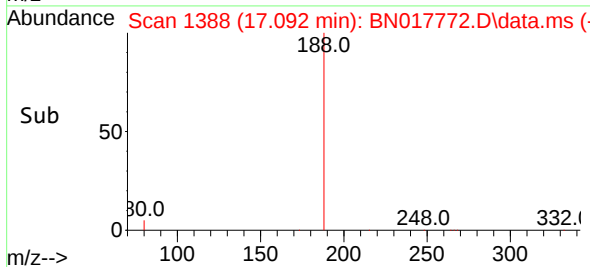
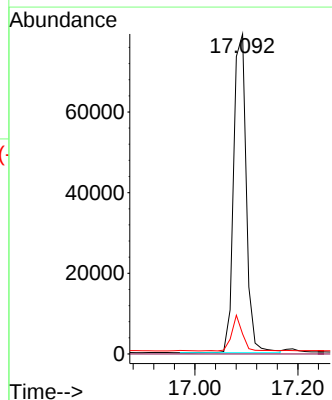
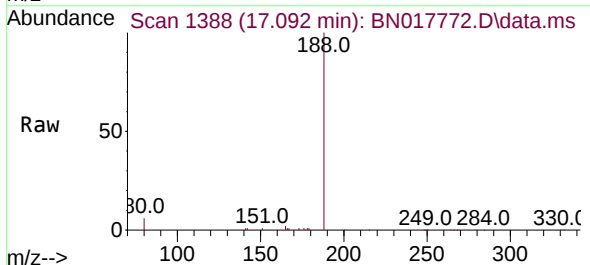
Instrument :
BNA_N
ClientSampleId :
MW-24

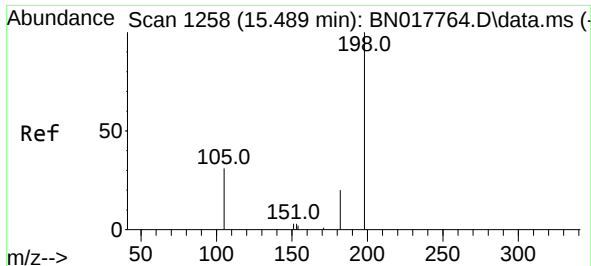
Tgt Ion:166 Resp: 12347
Ion Ratio Lower Upper
166 100
165 107.3 77.8 116.8
167 17.7 11.0 16.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:188 Resp: 135184
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.1 7.7





#20

4,6-Dinitro-2-methylphenol

Concen: 0.162 ng

RT: 15.515 min Scan# 11

Delta R.T. 0.026 min

Lab File: BN017772.D

Acq: 07 Dec 2021 20:37

Instrument :

BNA_N

ClientSampleId :

MW-24

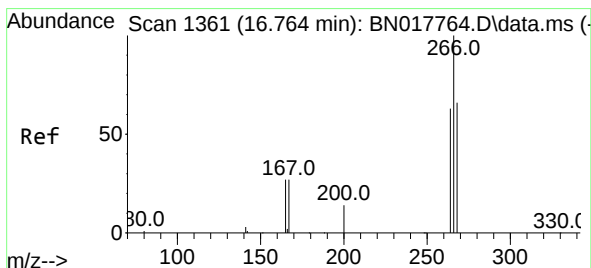
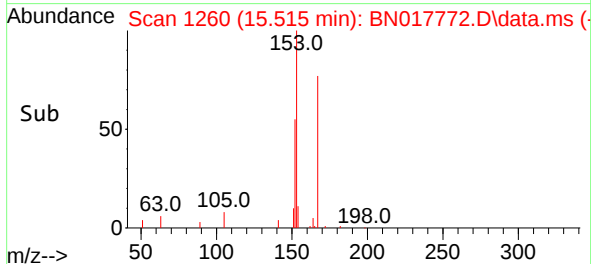
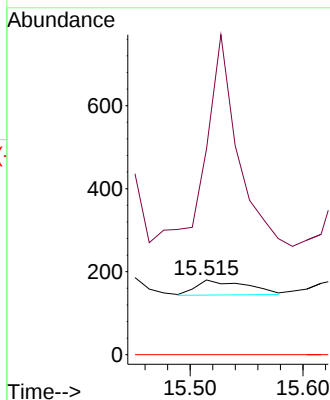
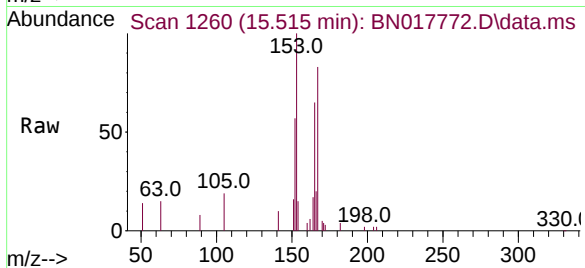
Tgt Ion:198 Resp: 113

Ion Ratio Lower Upper

198 100

182 275.6 44.2 66.2#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.287 ng

RT: 16.752 min Scan# 1360

Delta R.T. -0.012 min

Lab File: BN017772.D

Acq: 07 Dec 2021 20:37

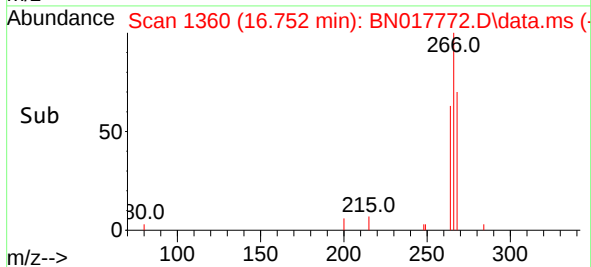
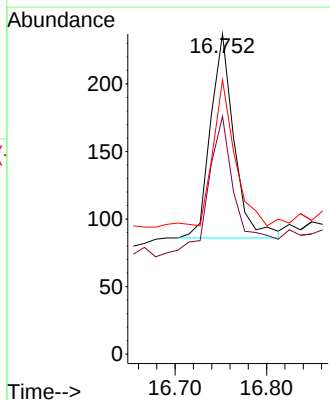
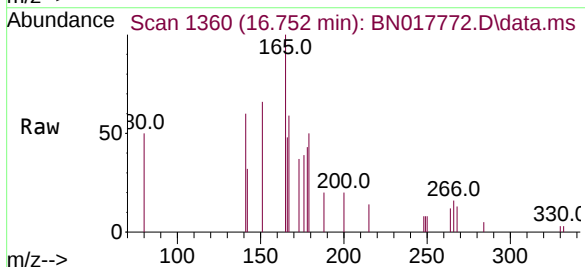
Tgt Ion:266 Resp: 269

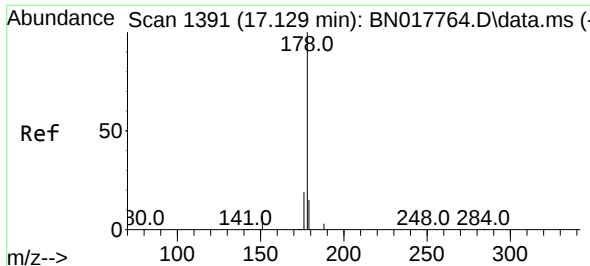
Ion Ratio Lower Upper

266 100

264 77.3 50.8 76.2#

268 65.8 51.8 77.6

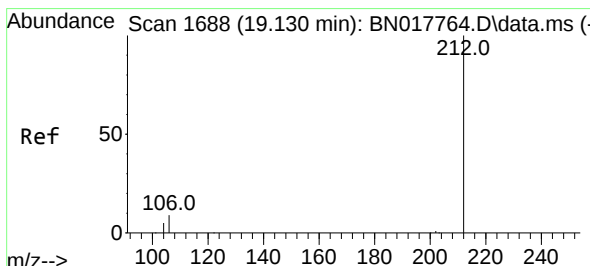
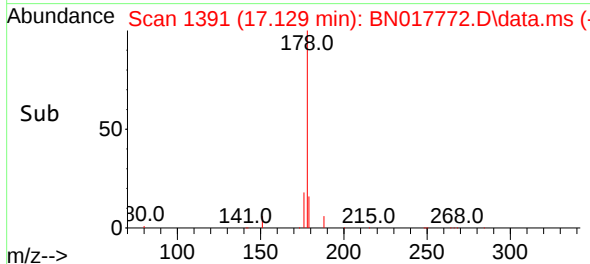
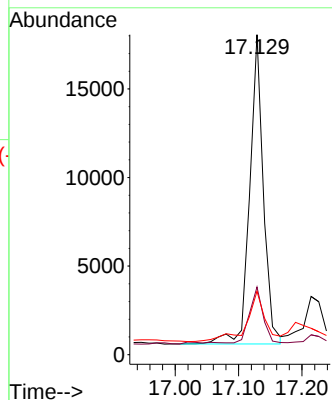
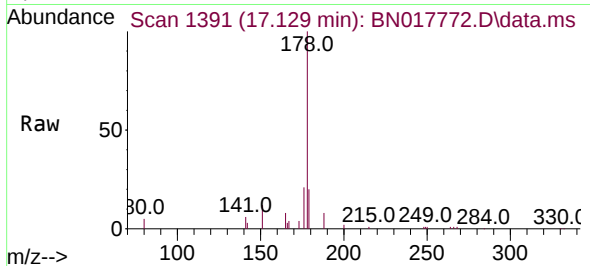




#25
Phenanthrene
Concen: 0.074 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

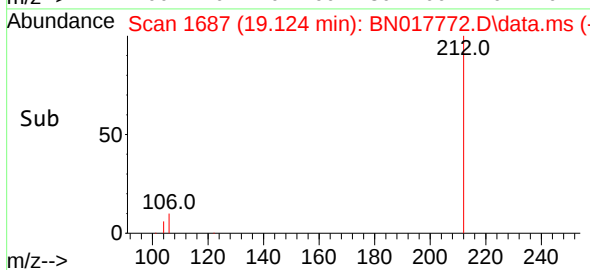
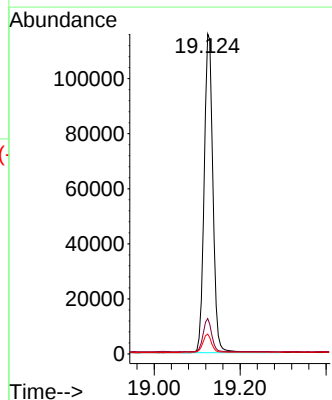
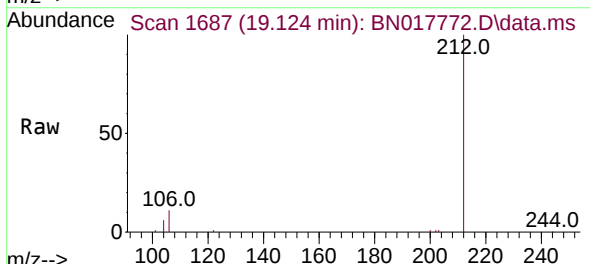
Instrument :
BNA_N
ClientSampleId :
MW-24

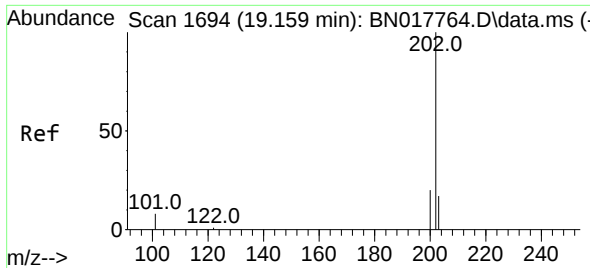
Tgt Ion:178 Resp: 26342
Ion Ratio Lower Upper
178 100
176 17.3 15.0 22.6
179 21.6 12.5 18.7#



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.124 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:212 Resp: 163680
Ion Ratio Lower Upper
212 100
106 10.0 8.2 12.2
104 5.4 4.6 6.8

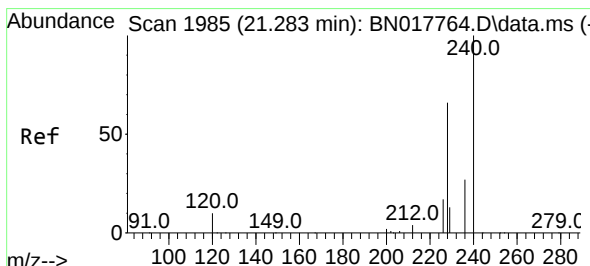
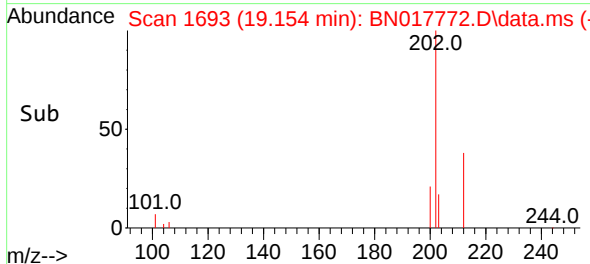
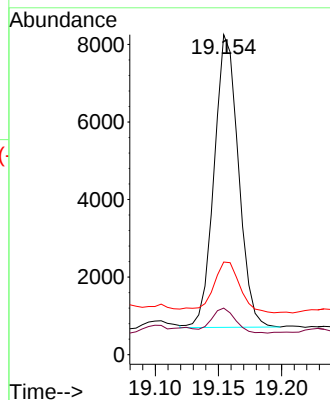
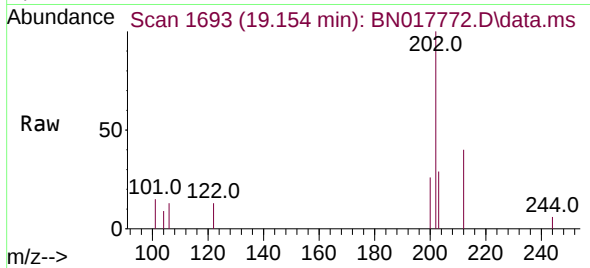




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.154 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

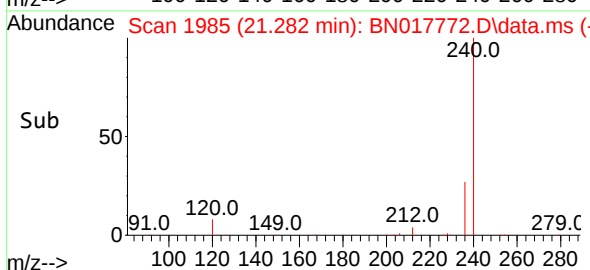
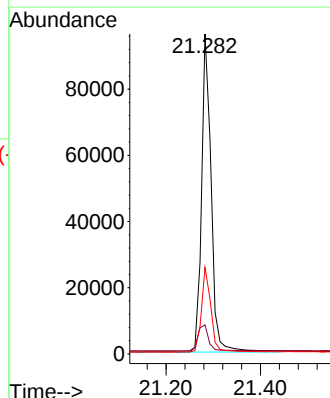
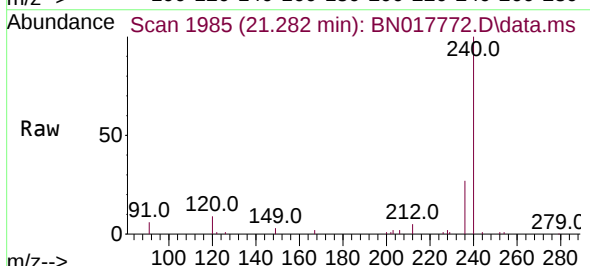
Instrument :
BNA_N
ClientSampleId :
MW-24

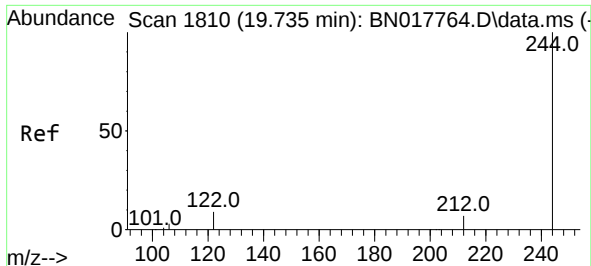
Tgt Ion:202 Resp: 10081
Ion Ratio Lower Upper
202 100
101 8.3 7.2 10.8
203 19.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:240 Resp: 135340
Ion Ratio Lower Upper
240 100
120 9.1 7.9 11.9
236 27.0 21.4 32.2

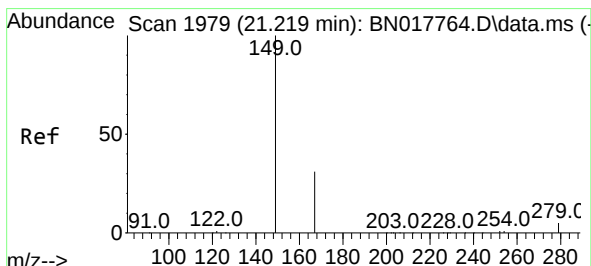
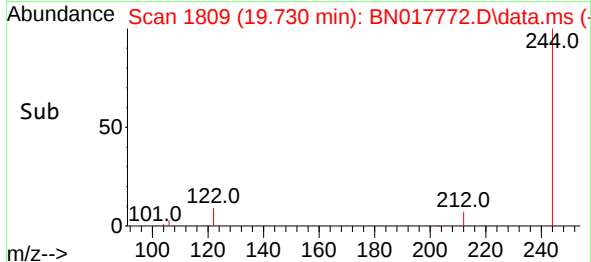
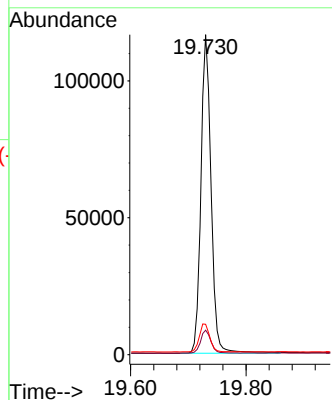
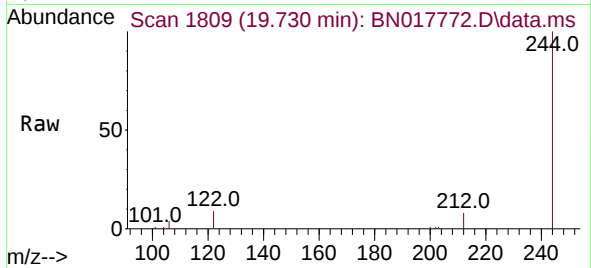




#31
 Terphenyl-d14
 Concen: 0.490 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017772.D
 Acq: 07 Dec 2021 20:37

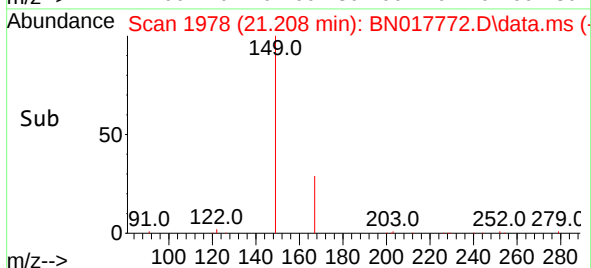
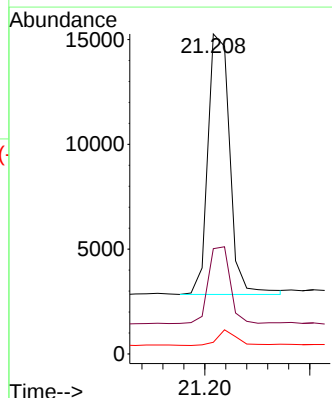
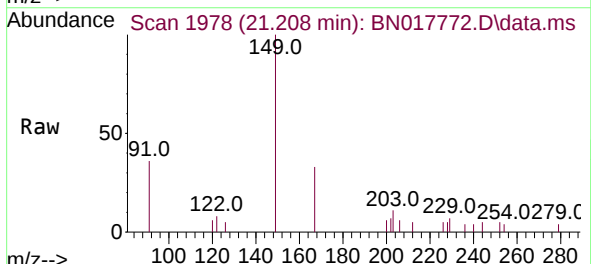
Instrument :
 BNA_N
 ClientSampleId :
 MW-24

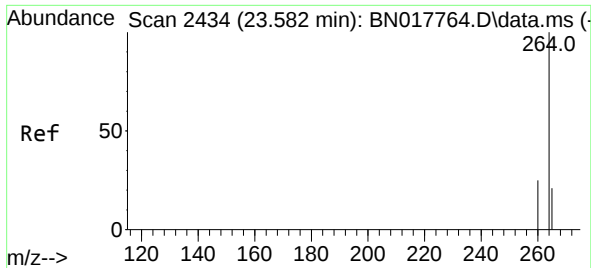
Tgt Ion:244 Resp: 142473
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 9.5 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.208 min Scan# 1978
 Delta R.T. -0.011 min
 Lab File: BN017772.D
 Acq: 07 Dec 2021 20:37

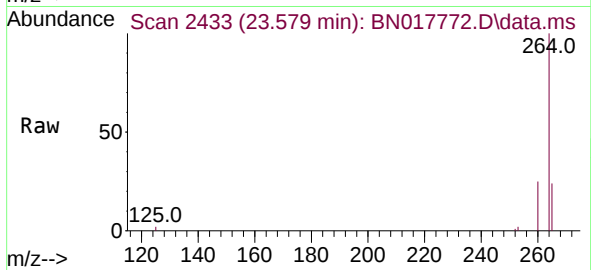
Tgt Ion:149 Resp: 17943
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.5 35.3
 279 5.4 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.579 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN017772.D
 Acq: 07 Dec 2021 20:37

Instrument :
 BNA_N
 ClientSampleId :
 MW-24



Tgt Ion:264 Resp: 123836
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 24.1 20.5 30.7

