

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017737.D
 Acq On : 06 Dec 2021 18:43
 Operator : CG/JU
 Sample : M4917-16RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-32

Quant Time: Dec 07 06:52:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

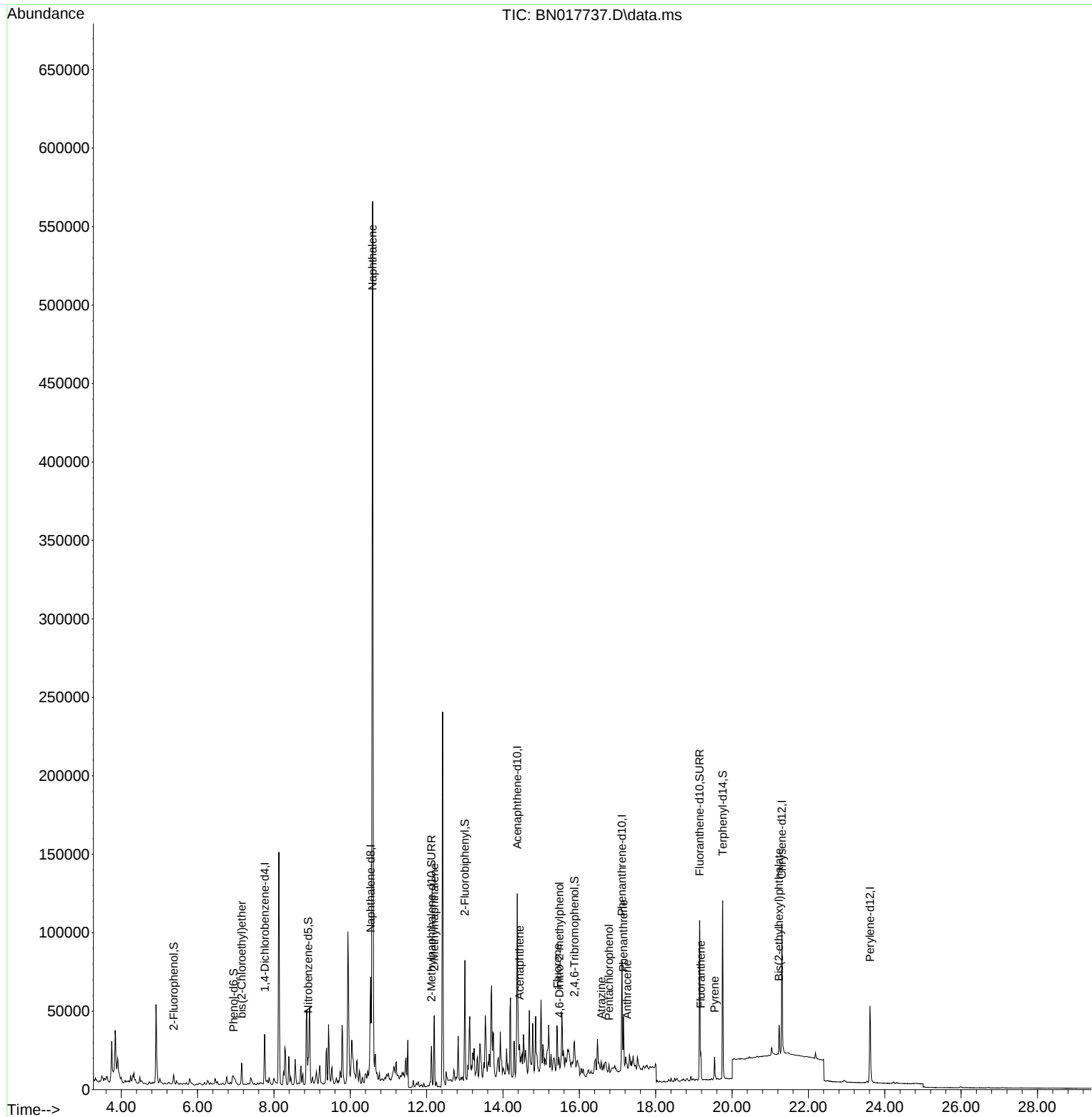
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	17322	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	71666	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	48025	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	99543	0.400	ng	0.00
29) Chrysene-d12	21.304	240	86647	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	71699	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	5245	0.141	ng	0.02
5) Phenol-d6	6.941	99	3669	0.092	ng	0.00
8) Nitrobenzene-d5	8.897	82	14402	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	35656	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	13320	0.579	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	66289	0.373	ng	0.00
27) Fluoranthene-d10	19.149	212	123106	0.367	ng	0.00
31) Terphenyl-d14	19.755	244	122872	0.553	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.153	93	960	0.022	ng	# 1
9) Naphthalene	10.583	128	716768	4.033	ng	100
12) 2-Methylnaphthalene	12.197	142	32154	0.264	ng	# 94
17) Acenaphthene	14.436	154	8459	0.068	ng	# 81
18) Fluorene	15.426	166	14970	0.094	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.477	198	133	0.195	ng	# 1
23) Atrazine	16.582	200	593	0.109	ng	# 1
24) Pentachlorophenol	16.776	266	1682	0.272	ng	97
25) Phenanthrene	17.154	178	36318	0.138	ng	# 93
26) Anthracene	17.251	178	4969	0.022	ng	# 78
28) Fluoranthene	19.179	202	14407	0.045	ng	# 95
30) Pyrene	19.542	202	14072	0.043	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.230	149	20997	0.154	ng	# 96

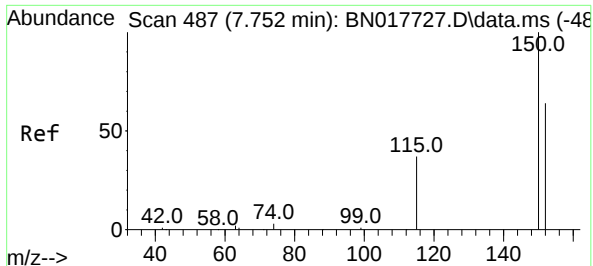
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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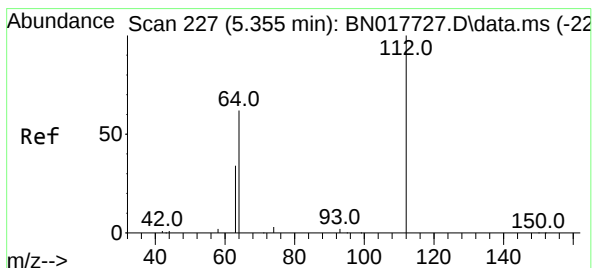
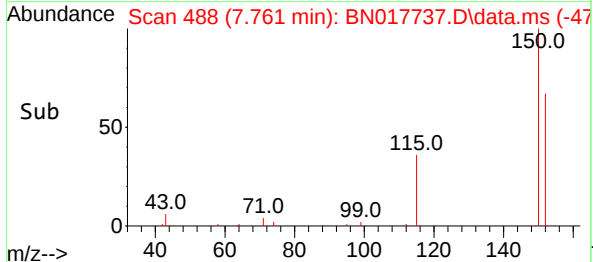
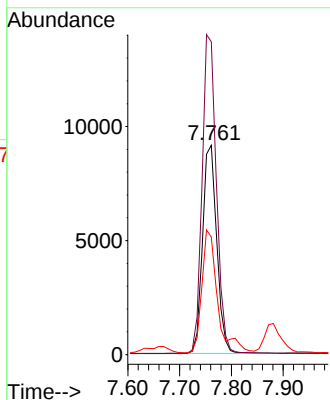
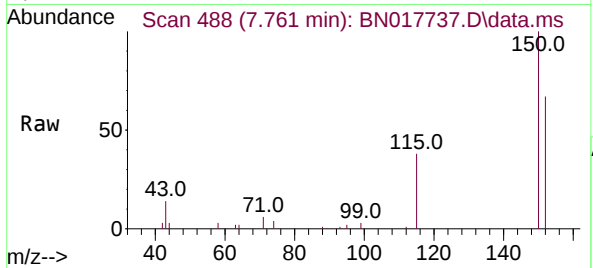




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

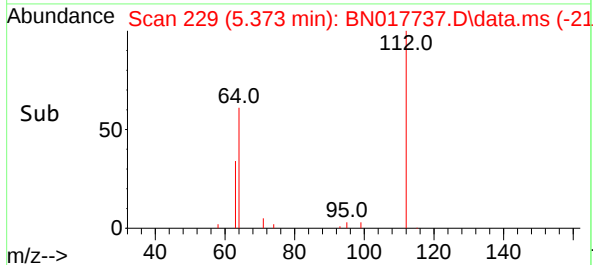
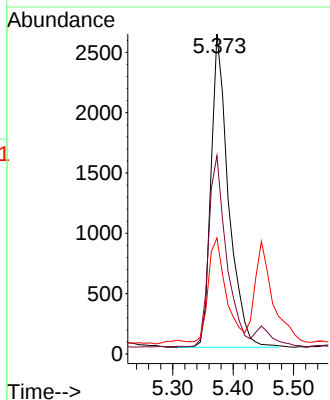
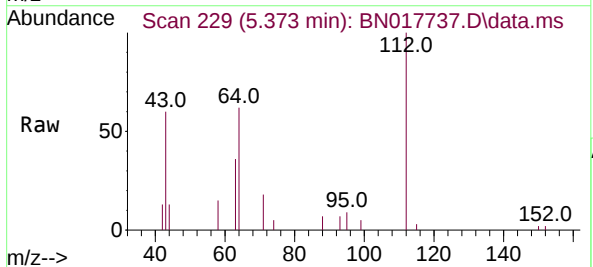
Instrument :
 BNA_N
 ClientSampleId :
 MW-32

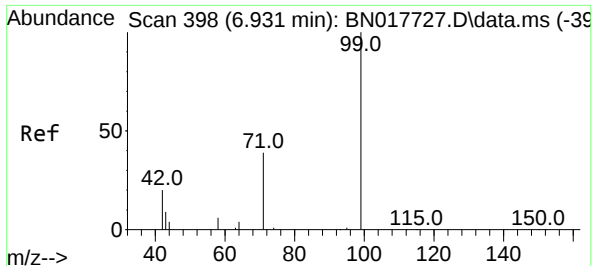
Tgt Ion:152 Resp: 17322
 Ion Ratio Lower Upper
 152 100
 150 149.4 123.0 184.4
 115 56.2 45.6 68.4



#4
 2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.373 min Scan# 229
 Delta R.T. 0.018 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

Tgt Ion:112 Resp: 5245
 Ion Ratio Lower Upper
 112 100
 64 61.7 47.6 71.4
 63 33.4 24.6 37.0

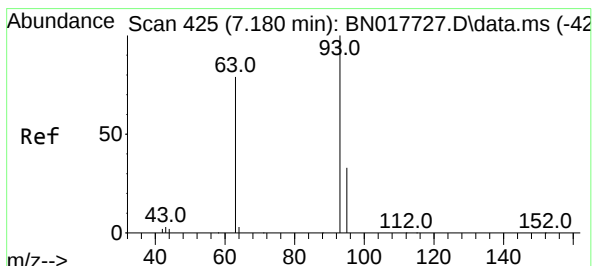
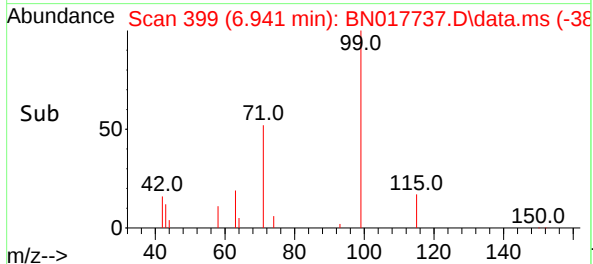
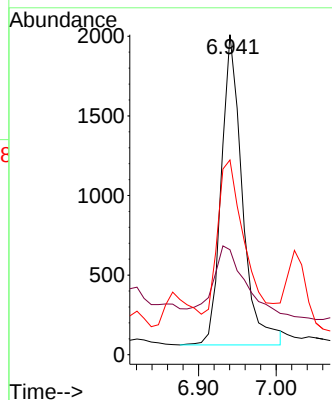
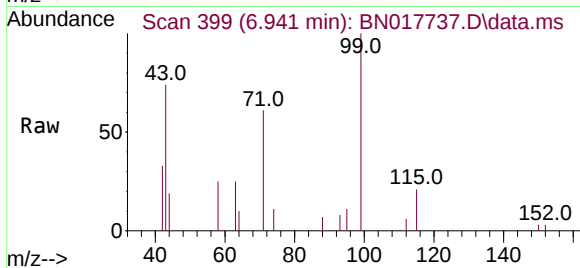




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.941 min Scan# 398
Delta R.T. 0.009 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

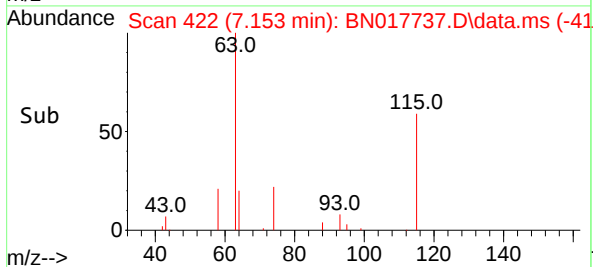
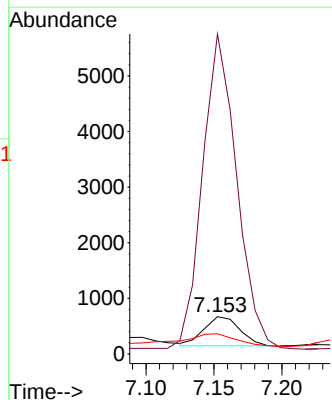
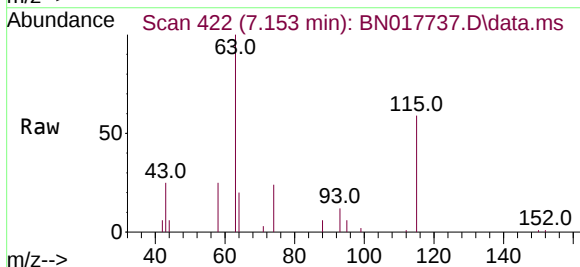
Instrument :
BNA_N
ClientSampleId :
MW-32

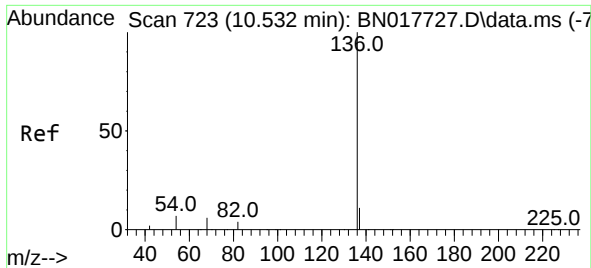
Tgt Ion: 99 Resp: 3669
Ion Ratio Lower Upper
99 100
42 30.8 17.0 25.6#
71 60.1 24.8 37.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.153 min Scan# 422
Delta R.T. -0.028 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion: 93 Resp: 960
Ion Ratio Lower Upper
93 100
63 1037.5 65.8 98.6#
95 65.7 26.6 39.8#

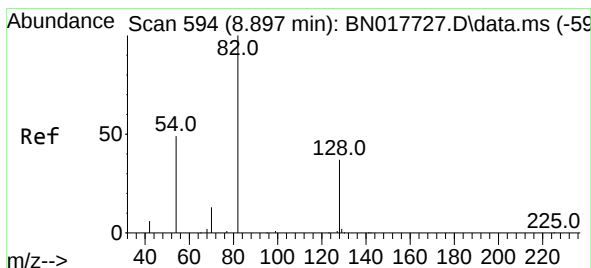
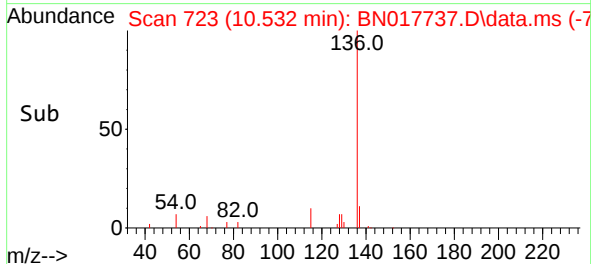
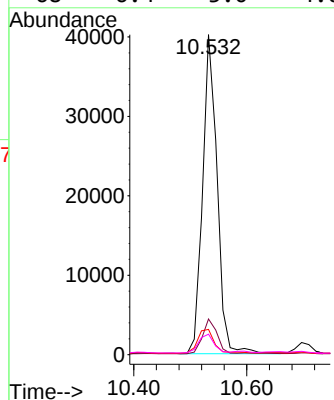
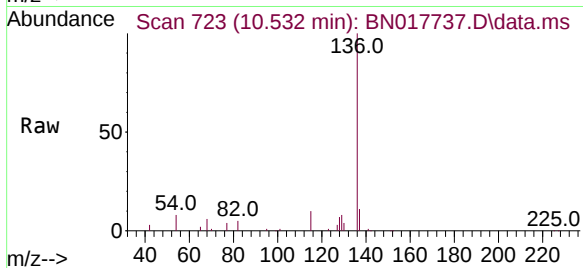




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

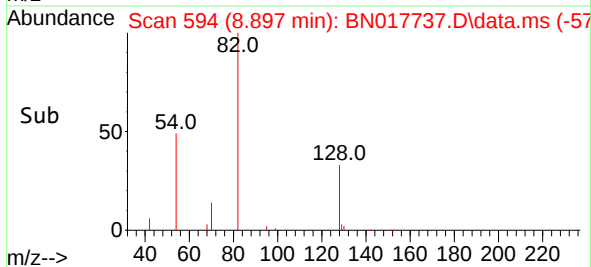
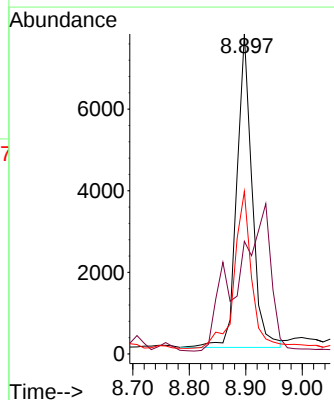
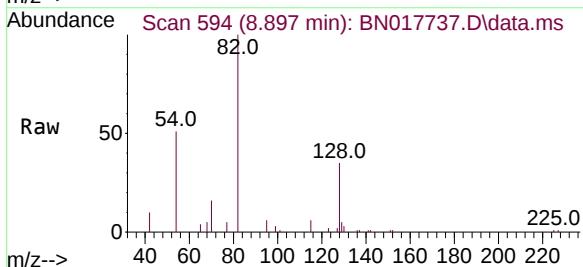
Instrument :
BNA_N
ClientSampleId :
MW-32

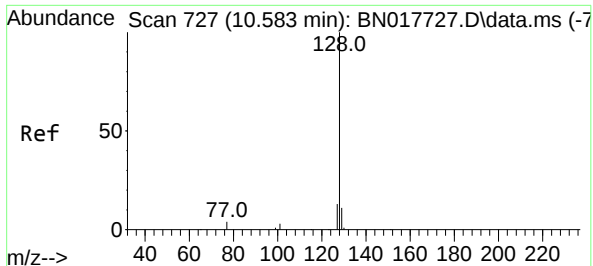
Tgt Ion:	136	Resp:	71666
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	7.9	4.0	6.0#
68	6.4	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:	82	Resp:	14402
Ion Ratio	Lower	Upper	
82	100		
128	35.2	27.7	41.5
54	50.8	49.2	73.8





#9
Naphthalene
Concen: 4.033 ng
RT: 10.583 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

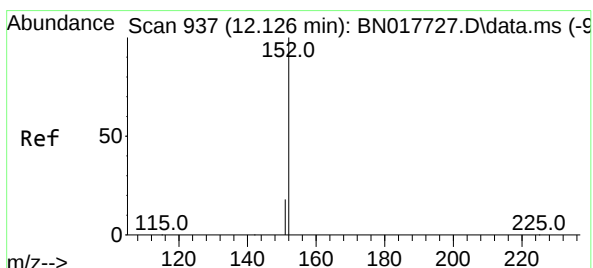
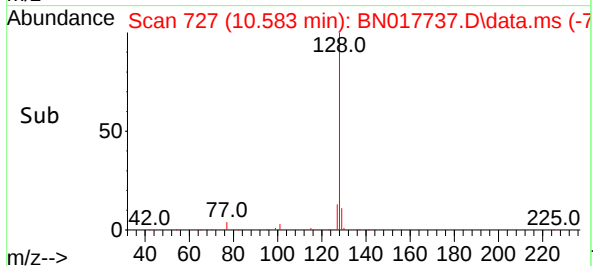
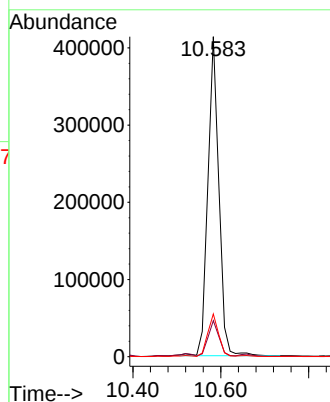
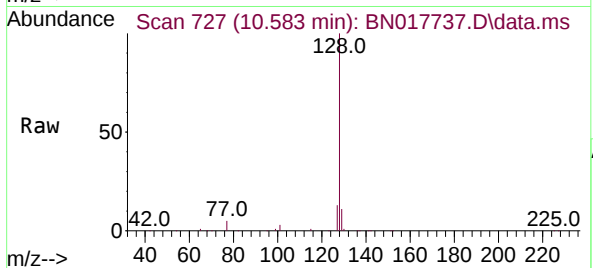
Instrument :

BNA_N

ClientSampleId :

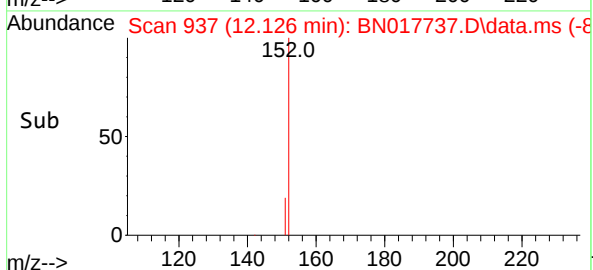
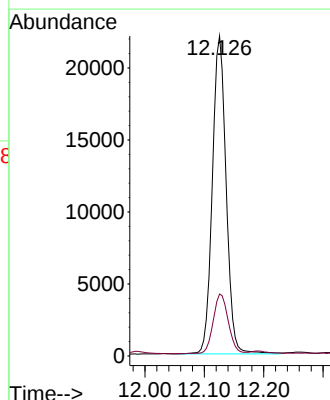
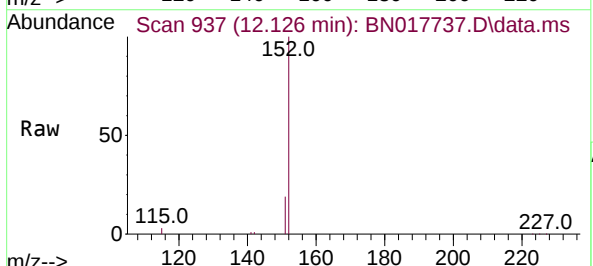
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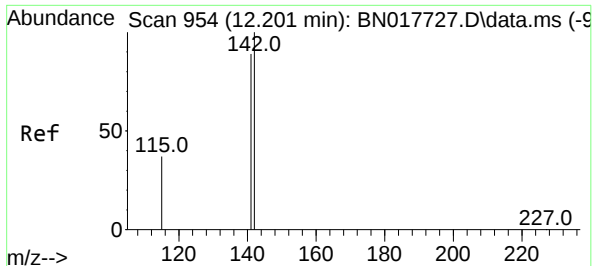
Tgt Ion:128 Resp: 716768
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.126 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:152 Resp: 35656
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.264 ng

RT: 12.197 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

Instrument :

BNA_N

ClientSampleId :

MW-32

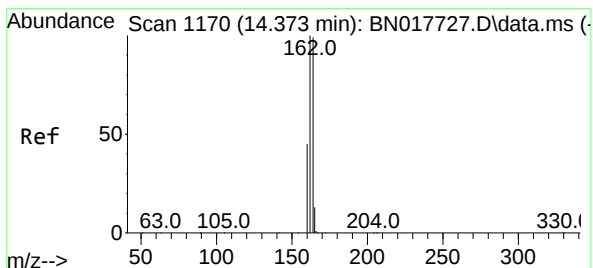
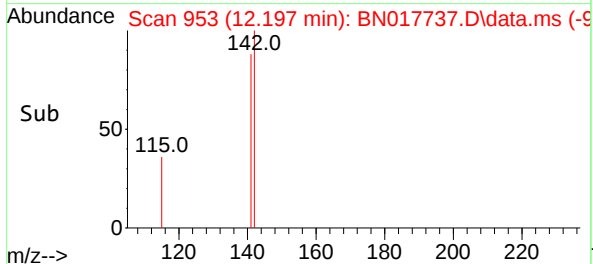
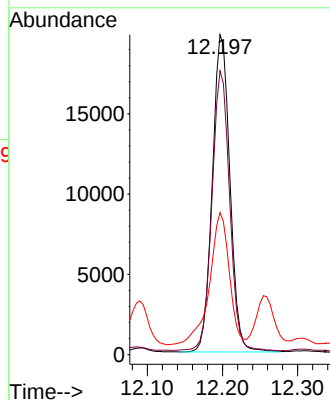
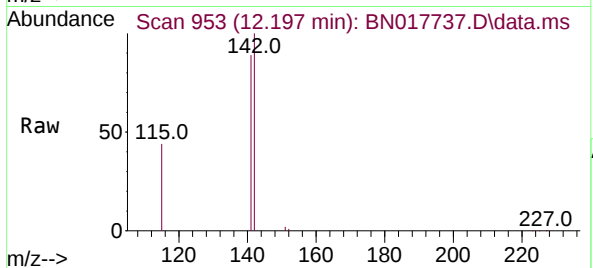
Tgt Ion:142 Resp: 32154

Ion Ratio Lower Upper

142 100

141 88.7 70.6 106.0

115 44.4 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.373 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

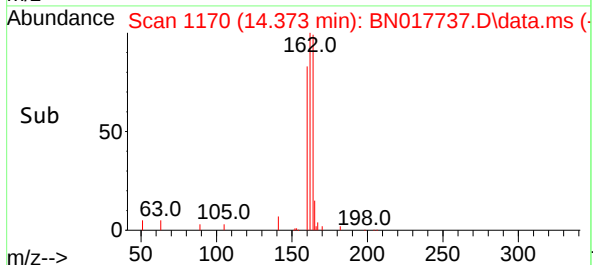
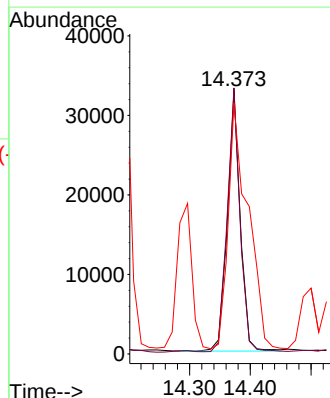
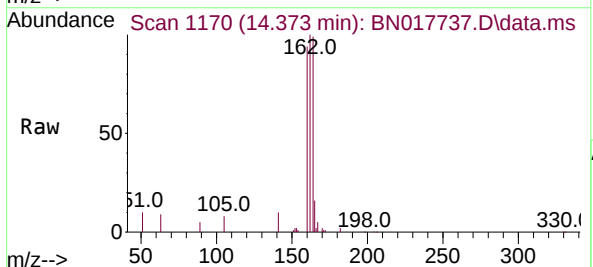
Tgt Ion:164 Resp: 48025

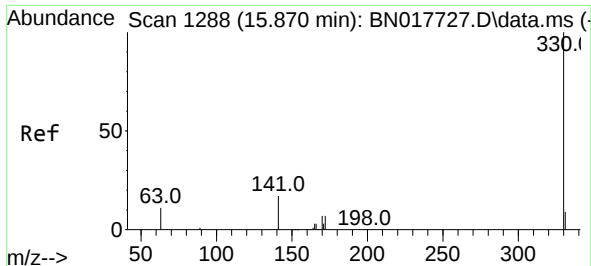
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.2

160 95.3 36.8 55.2#

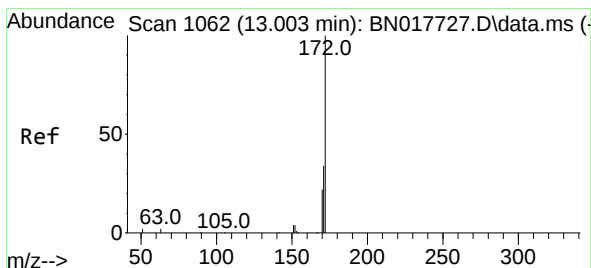
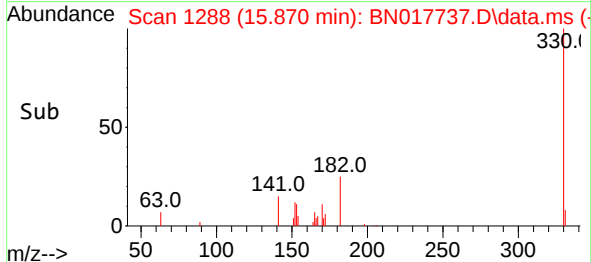
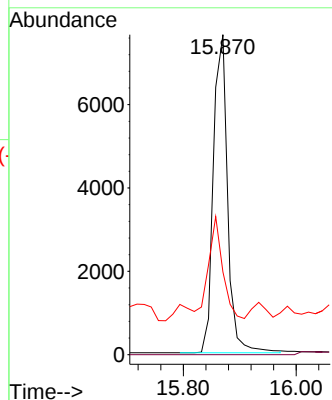
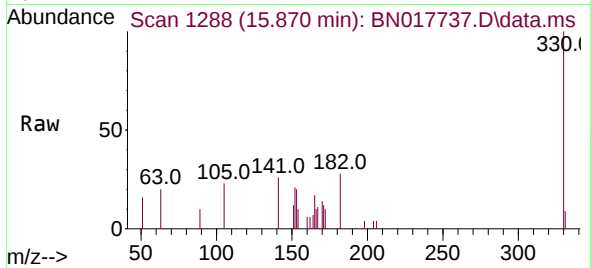




#14
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

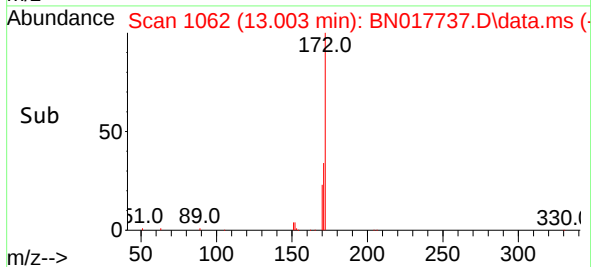
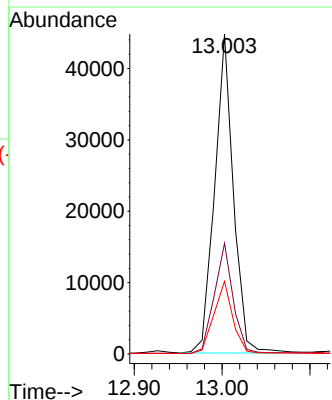
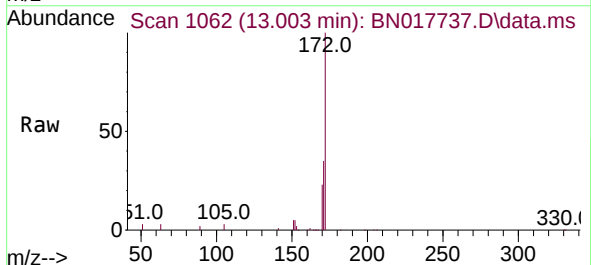
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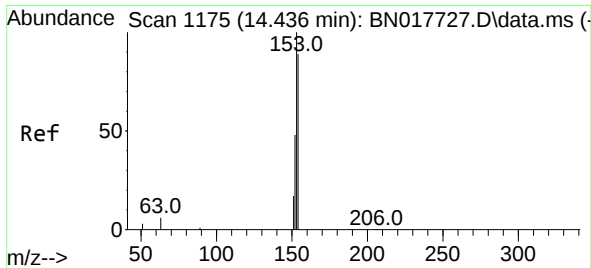
Tgt Ion: 330 Resp: 13320
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.6 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion: 172 Resp: 66289
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 22.7 19.4 29.2

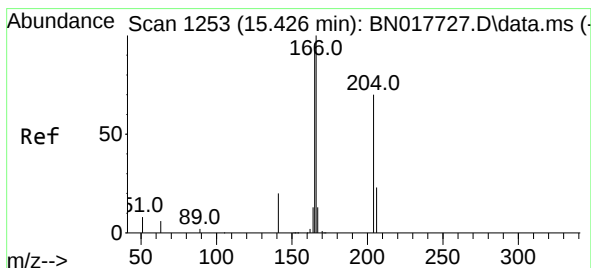
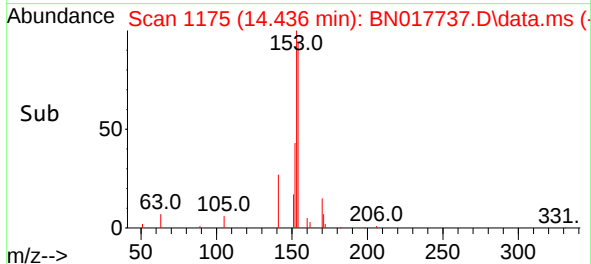
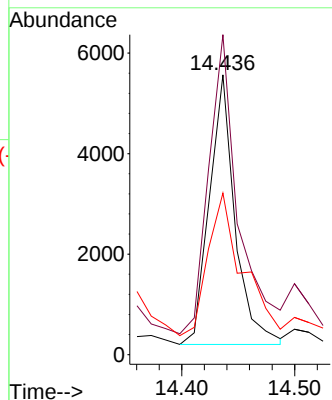
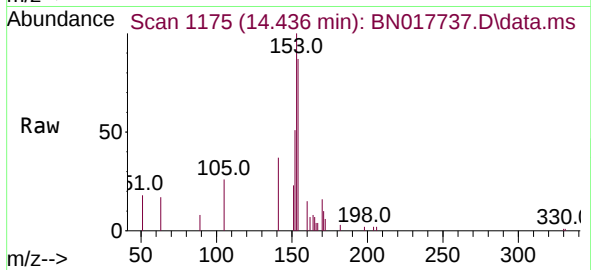




#17
Acenaphthene
Concen: 0.068 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

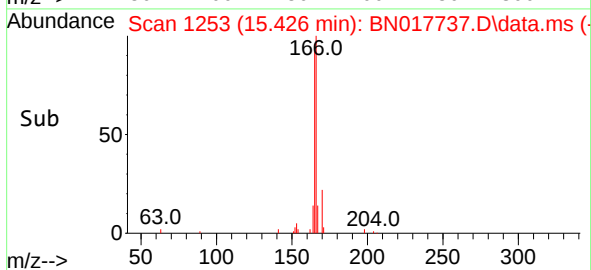
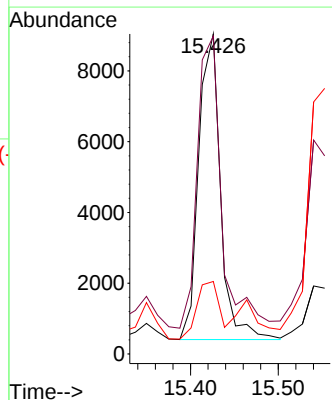
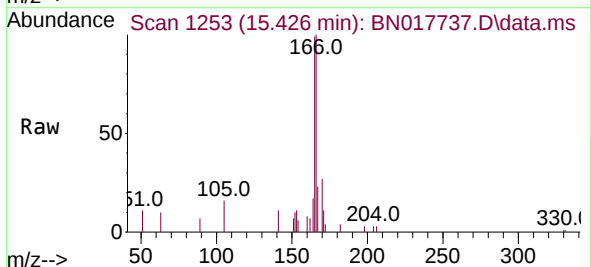
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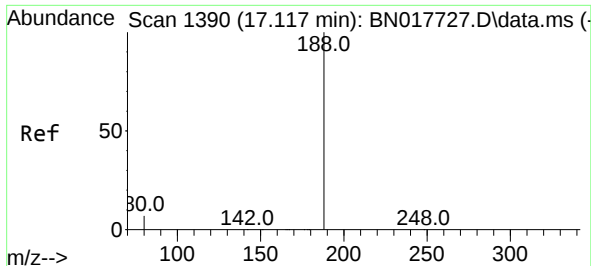
Tgt Ion:154 Resp: 8459
Ion Ratio Lower Upper
154 100
153 126.8 91.2 136.8
152 80.3 44.3 66.5#



#18
Fluorene
Concen: 0.094 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:166 Resp: 14970
Ion Ratio Lower Upper
166 100
165 104.9 77.9 116.9
167 22.8 10.9 16.3#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

Instrument :

BNA_N

ClientSampleId :

MW-32

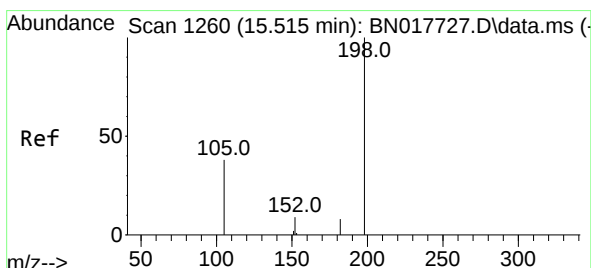
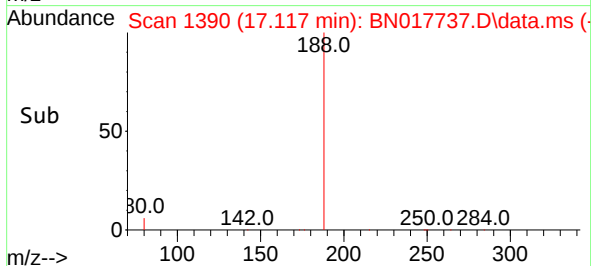
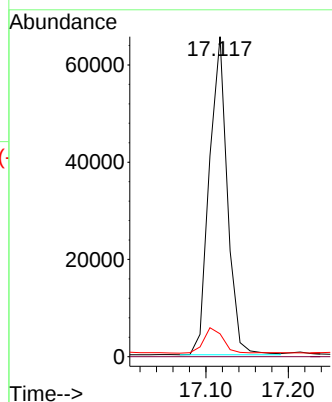
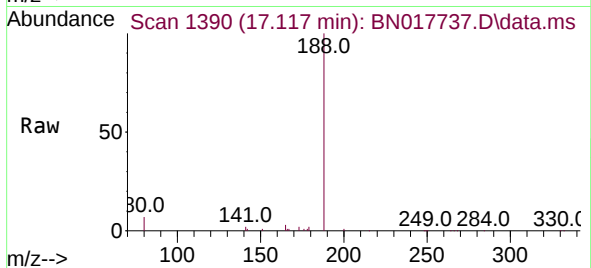
Tgt Ion:188 Resp: 99543

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 6.1 9.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.195 ng

RT: 15.477 min Scan# 1257

Delta R.T. -0.038 min

Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

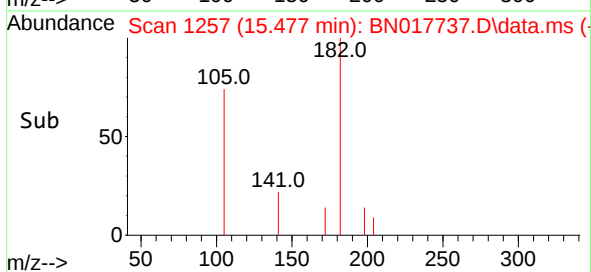
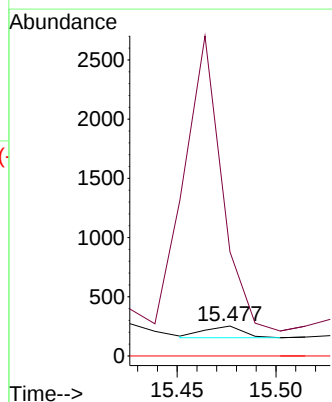
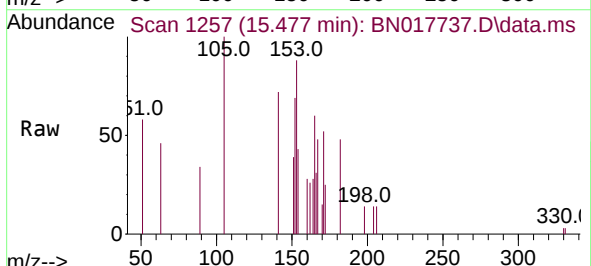
Tgt Ion:198 Resp: 133

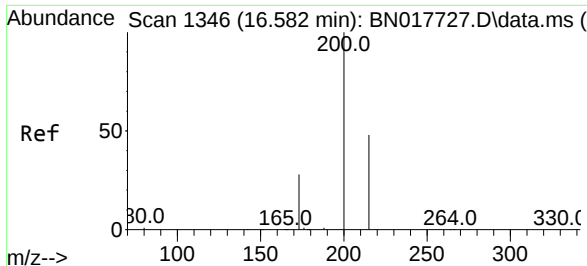
Ion Ratio Lower Upper

198 100

182 347.4 11.4 17.2#

77 0.0 0.0 0.0

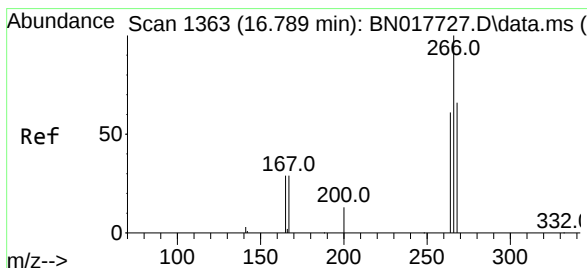
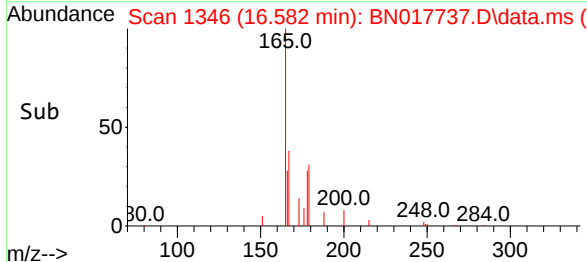
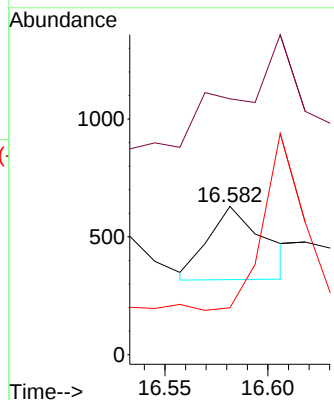
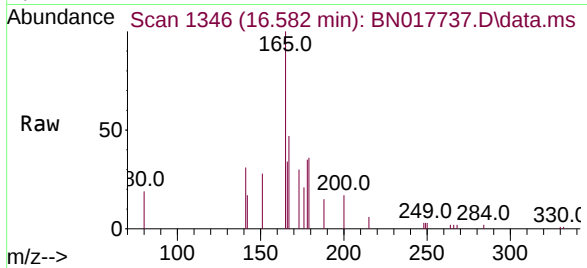




#23
 Atrazine
 Concen: 0.109 ng
 RT: 16.582 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

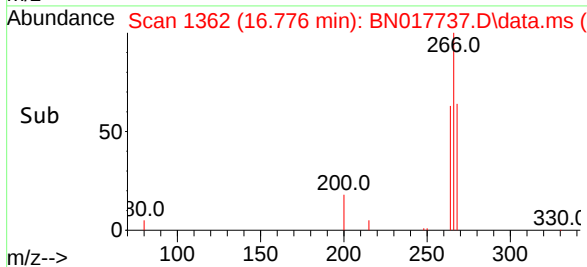
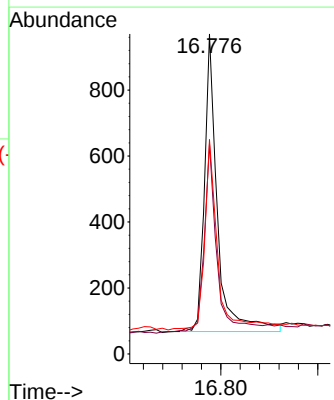
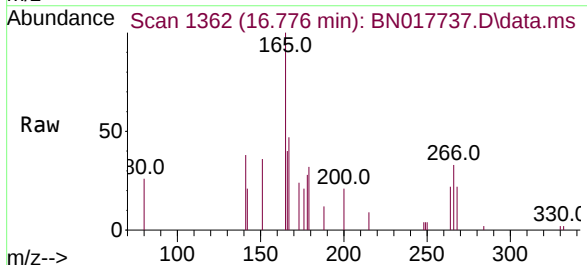
Instrument :
 BNA_N
 ClientSampleId :
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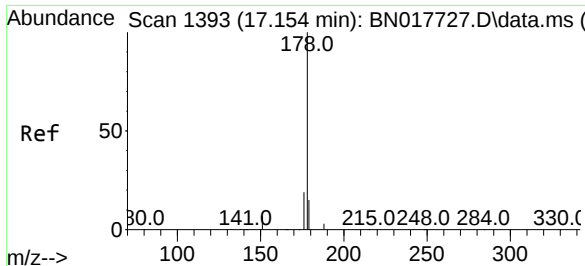
Tgt Ion:200 Resp: 593
 Ion Ratio Lower Upper
 200 100
 173 172.7 17.6 26.4#
 215 31.6 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.272 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

Tgt Ion:266 Resp: 1682
 Ion Ratio Lower Upper
 266 100
 264 59.4 49.8 74.8
 268 62.3 51.3 76.9

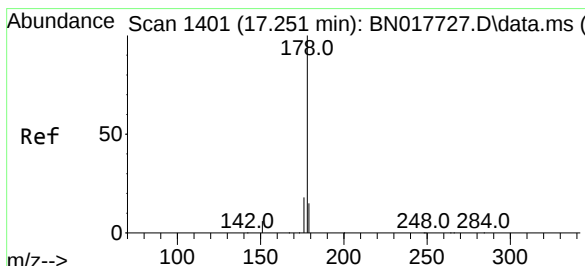
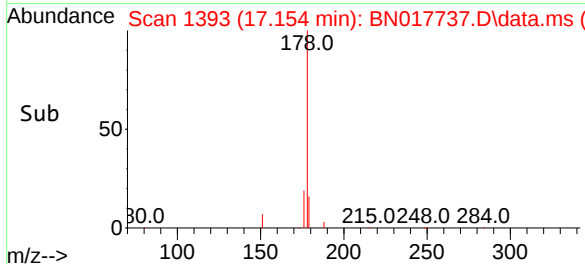
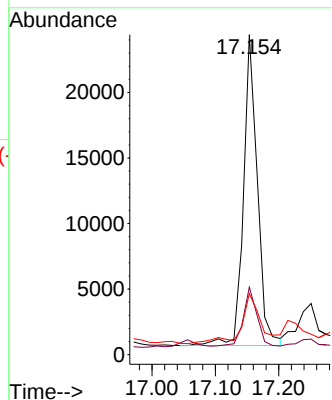
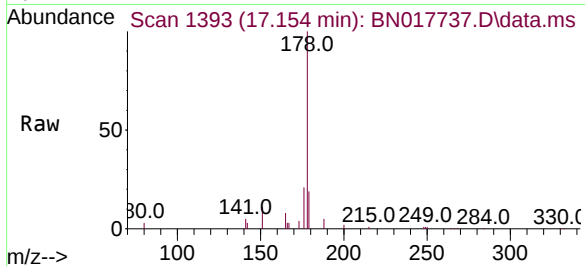




#25
Phenanthrene
Concen: 0.138 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

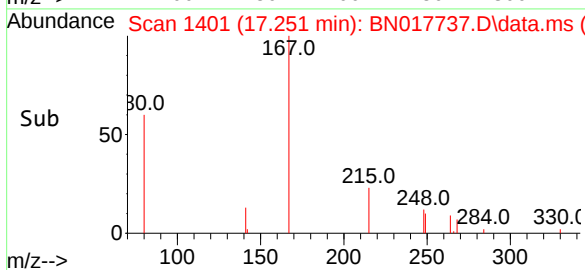
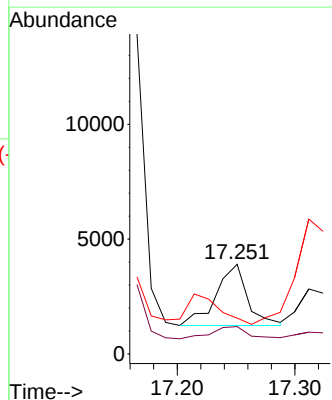
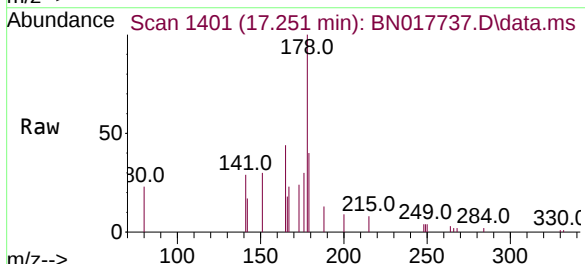
Instrument :
BNA_N
ClientSampleId :
MW-32

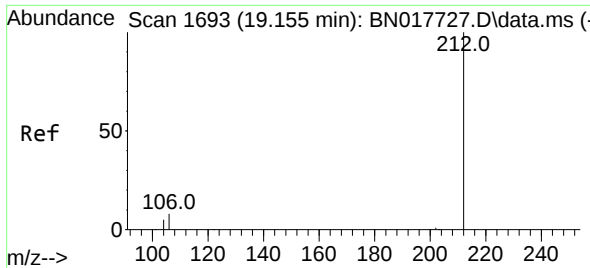
Tgt Ion:178 Resp: 36318
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 21.4 12.3 18.5#



#26
Anthracene
Concen: 0.022 ng
RT: 17.251 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:178 Resp: 4969
Ion Ratio Lower Upper
178 100
176 22.8 14.6 22.0#
179 0.0 12.2 18.4#

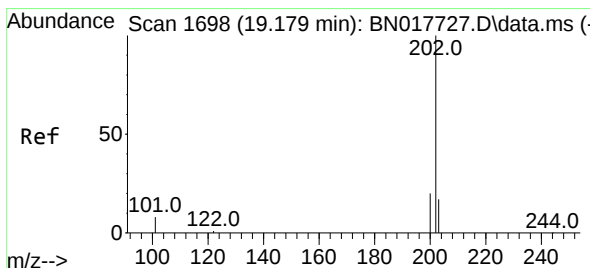
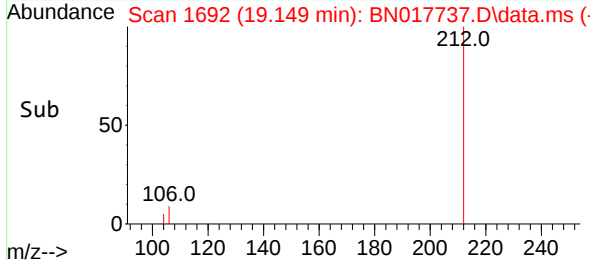
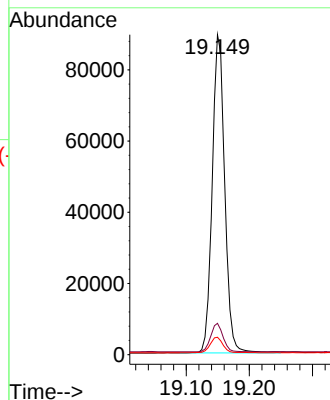
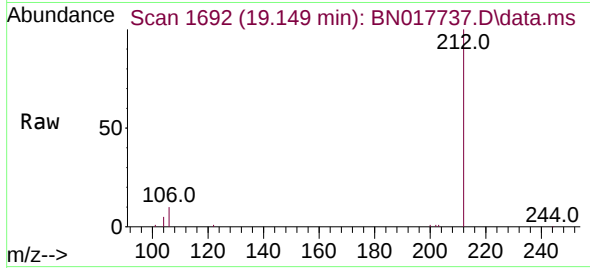




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.149 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

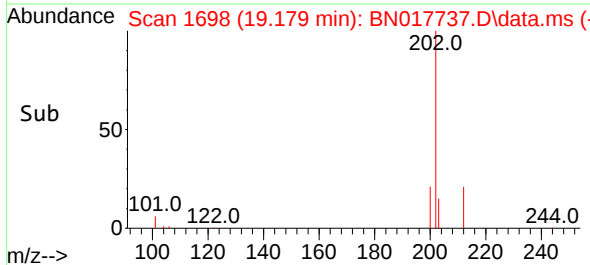
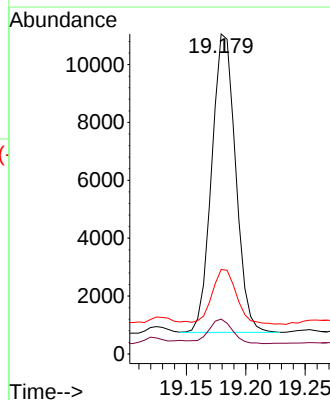
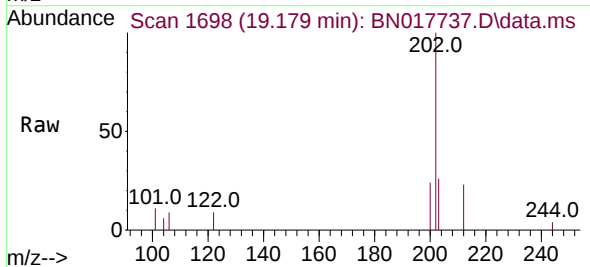
Instrument :
BNA_N
ClientSampleId :
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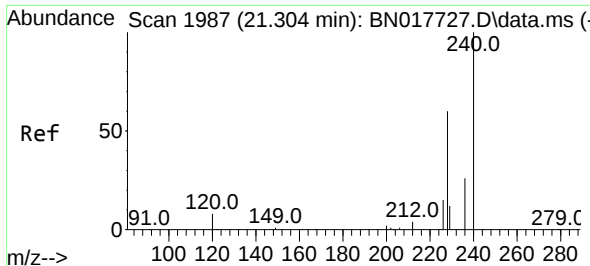
Tgt Ion:212 Resp: 123106
Ion Ratio Lower Upper
212 100
106 8.8 10.5 15.7#
104 5.0 5.8 8.6#



#28
Fluoranthene
Concen: 0.045 ng
RT: 19.179 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:202 Resp: 14407
Ion Ratio Lower Upper
202 100
101 8.3 8.9 13.3#
203 18.7 13.8 20.6

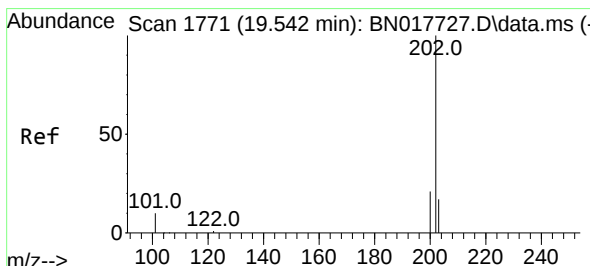
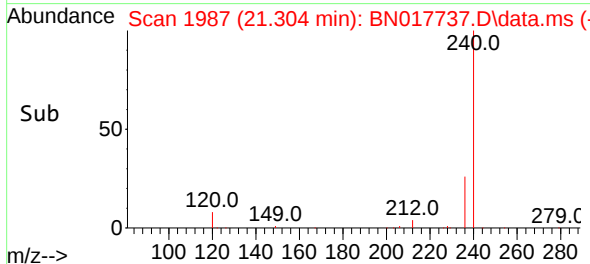
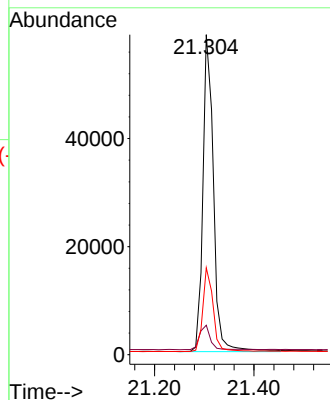
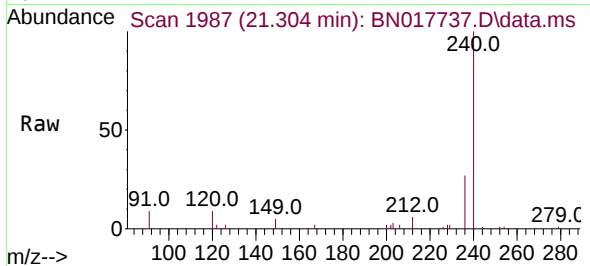




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

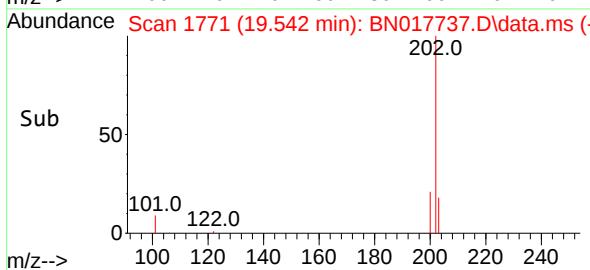
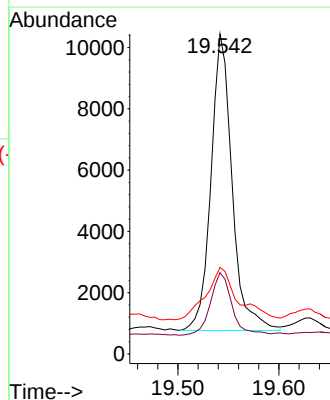
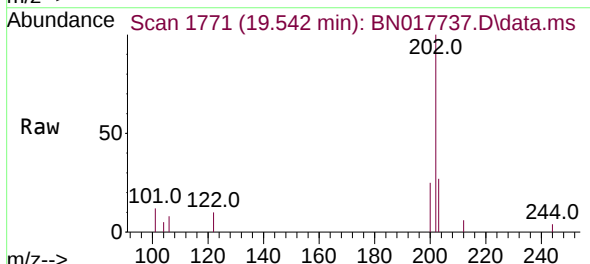
Instrument :
BNA_N
ClientSampleId :
MW-32

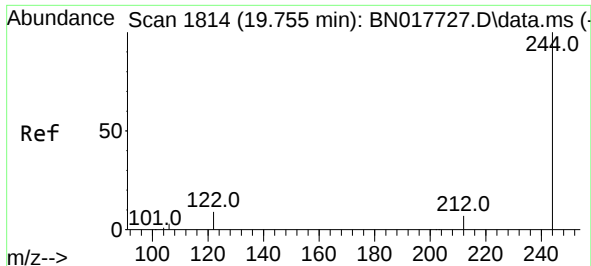
Tgt Ion:240 Resp: 86647
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 27.2 20.0 30.0



#30
Pyrene
Concen: 0.043 ng
RT: 19.542 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:202 Resp: 14072
Ion Ratio Lower Upper
202 100
200 21.5 16.5 24.7
203 26.1 14.0 21.0#

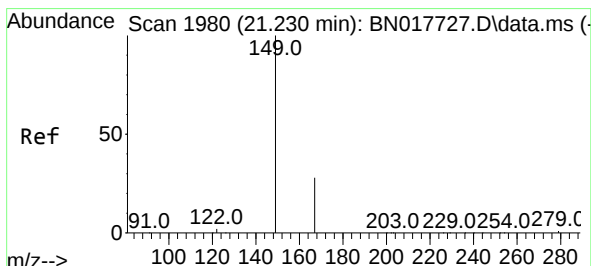
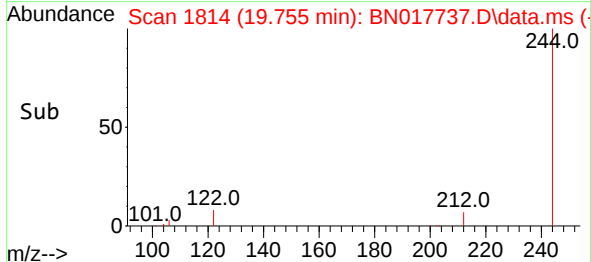
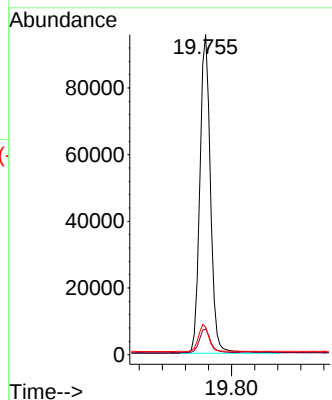
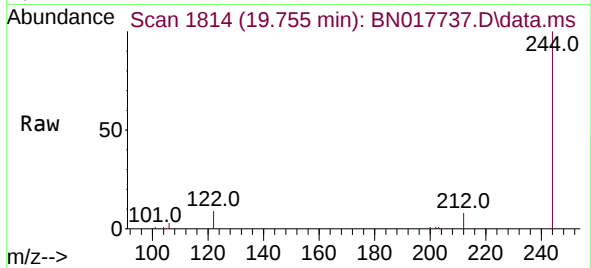




#31
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

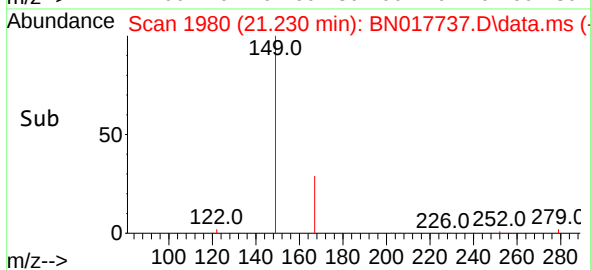
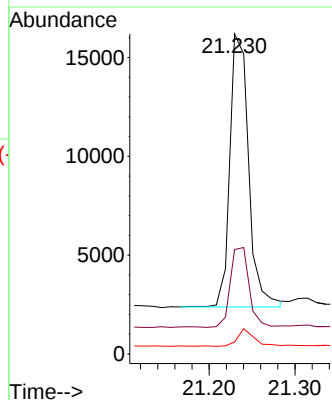
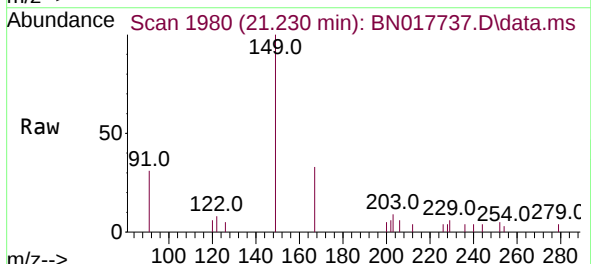
Instrument :
 BNA_N
 ClientSampleId :
 MW-32

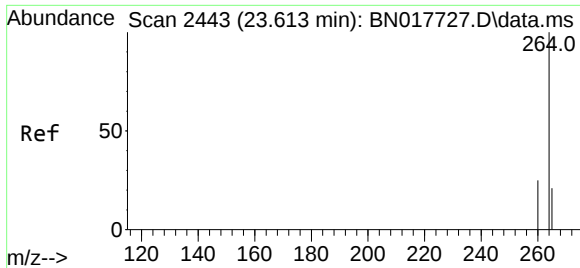
Tgt Ion:244 Resp: 122872
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 8.7 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.230 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: BN017737.D
 Acq: 06 Dec 2021 18:43

Tgt Ion:149 Resp: 20997
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.8 32.6
 279 5.5 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.613 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN017737.D

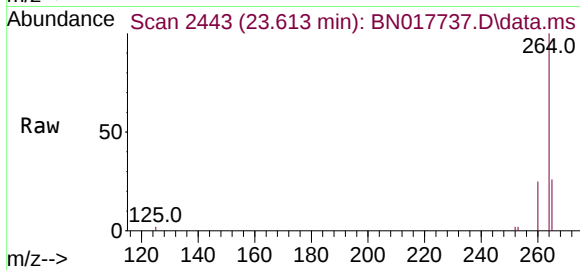
Acq: 06 Dec 2021 18:43

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:264 Resp: 71699

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 25.8 18.6 28.0

