

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017749.D
 Acq On : 07 Dec 2021 03:46
 Operator : CG/JU
 Sample : M4917-09RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25RE

Quant Time: Dec 07 06:53:37 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)

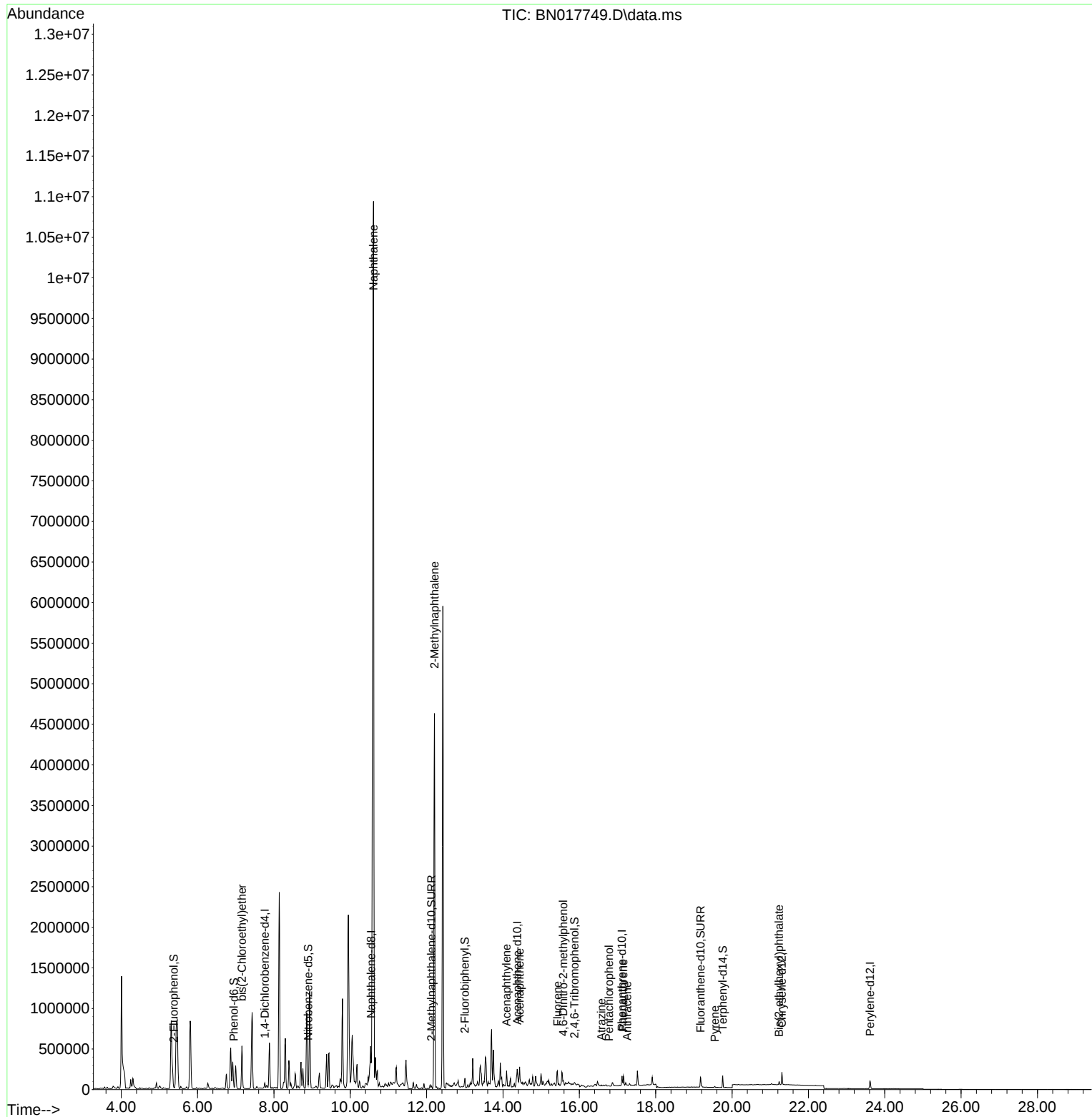
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	24891	0.400	ng	0.00
7) Naphthalene-d8	10.545	136	101723	0.400	ng	# 0.01
13) Acenaphthene-d10	14.373	164	94041	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	141887	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	147905	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	133433	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	22609	0.423	ng	0.02
5) Phenol-d6	6.950	99	6264	0.109	ng	0.02
8) Nitrobenzene-d5	8.897	82	26761	0.389	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	52626	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	18002	0.443	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	96970	0.278	ng	0.00
27) Fluoranthene-d10	19.174	212	159397	0.334	ng	0.02
31) Terphenyl-d14	19.755	244	150378	0.396	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.162	93	39937	0.639	ng	# 1
9) Naphthalene	10.608	128	18642283	73.908	ng	97
12) 2-Methylnaphthalene	12.205	142	3514540	20.311	ng	96
16) Acenaphthylene	14.094	152	26138	0.072	ng	# 3
17) Acenaphthene	14.436	154	113992	0.466	ng	94
18) Fluorene	15.426	166	111951	0.357	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.578	198	9445	1.789	ng	# 63
23) Atrazine	16.582	200	3464	0.144	ng	# 1
24) Pentachlorophenol	16.776	266	589	0.188	ng	94
25) Phenanthrene	17.154	178	126939	0.340	ng	# 92
26) Anthracene	17.251	178	9260	0.028	ng	# 45
30) Pyrene	19.547	202	12363	0.022	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.230	149	37607	0.161	ng	# 94

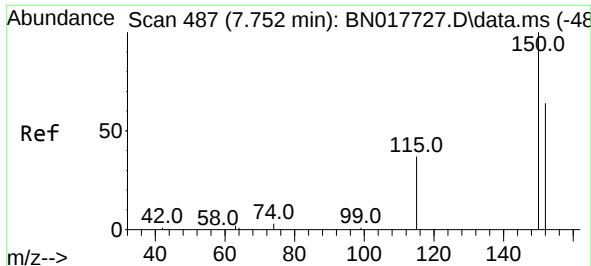
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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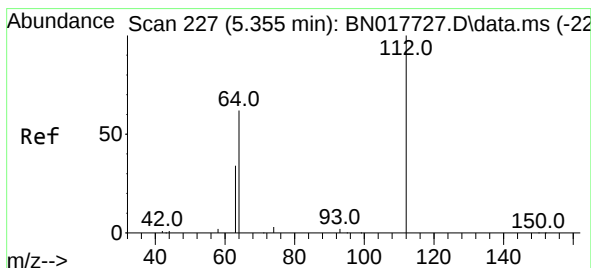
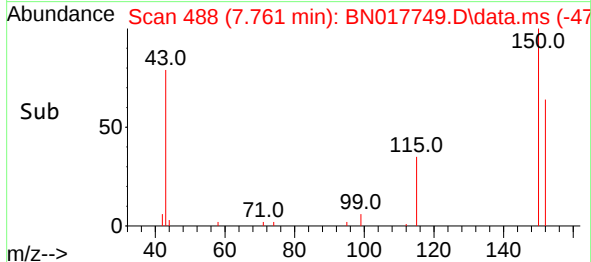
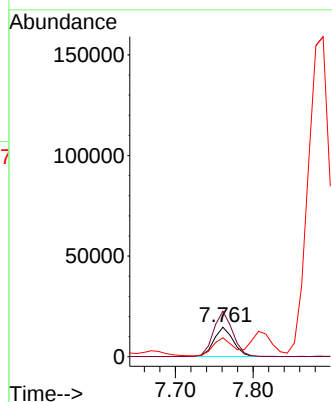
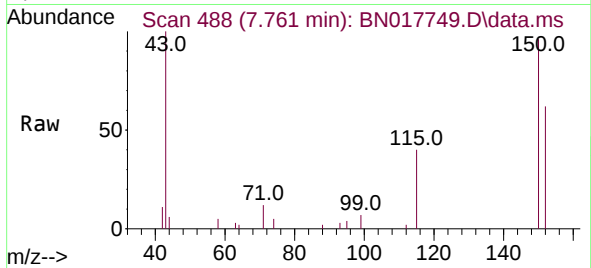




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 488
 Delta R.T. 0.009 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

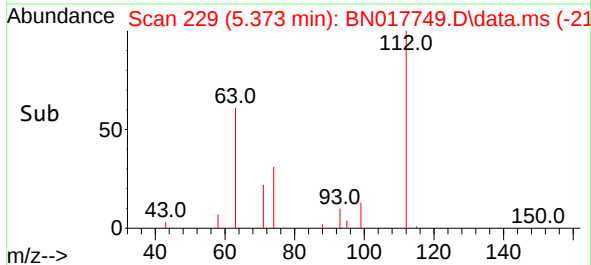
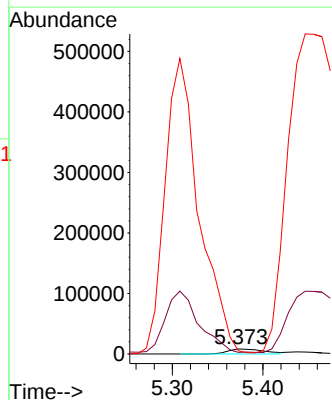
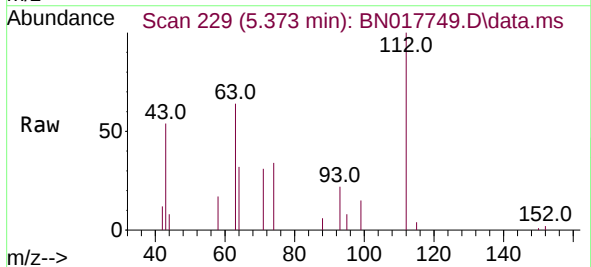
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 BNA_N
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 MW-25RE

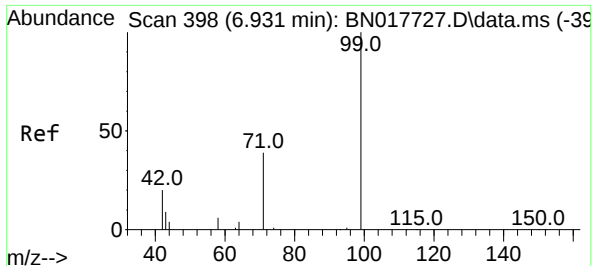
Tgt Ion:152 Resp: 24891
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.0 184.4
 115 64.1 45.6 68.4



#4
 2-Fluorophenol
 Concen: 0.423 ng
 RT: 5.373 min Scan# 229
 Delta R.T. 0.018 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

Tgt Ion:112 Resp: 22609
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.6 71.4#
 63 0.0 24.6 37.0#

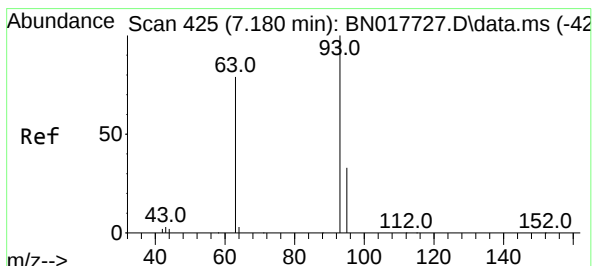
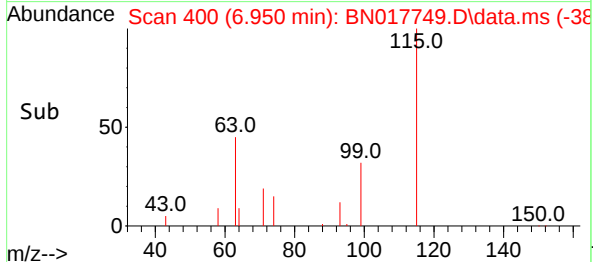
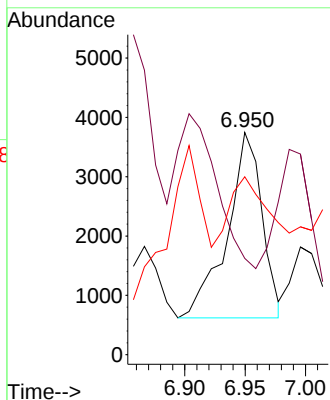
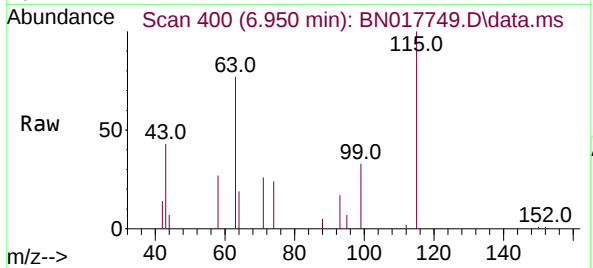




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

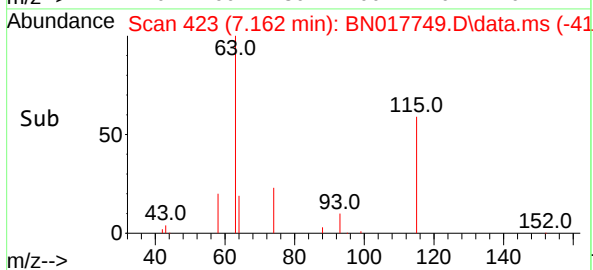
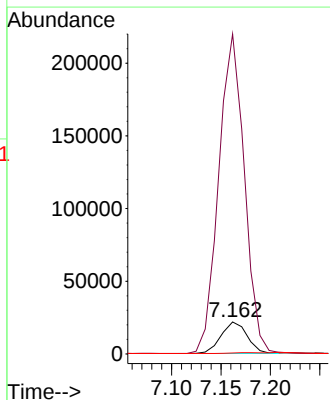
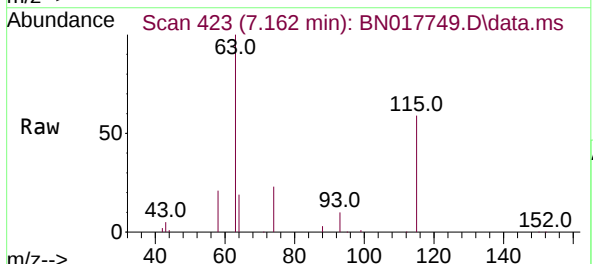
Instrument :
BNA_N
ClientSampleId :
MW-25RE

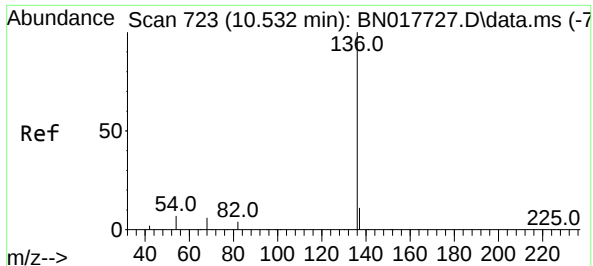
Tgt Ion: 99 Resp: 6264
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 50.6 24.8 37.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.639 ng
RT: 7.162 min Scan# 423
Delta R.T. -0.019 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion: 93 Resp: 39937
Ion Ratio Lower Upper
93 100
63 994.1 65.8 98.6#
95 3.0 26.6 39.8#

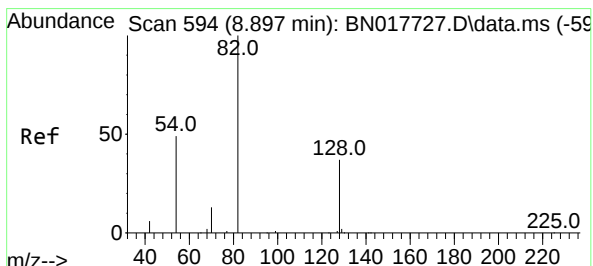
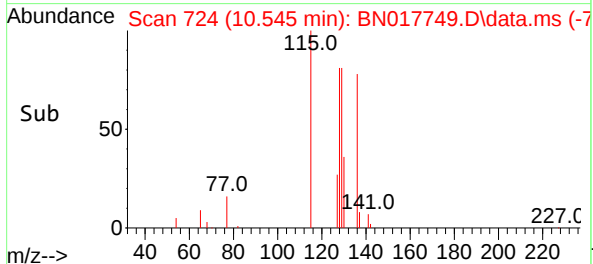
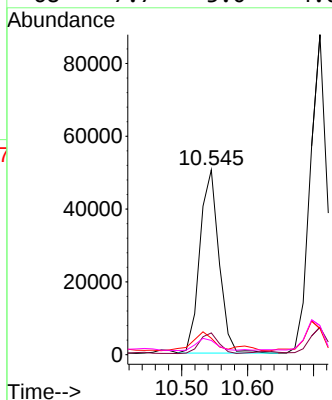
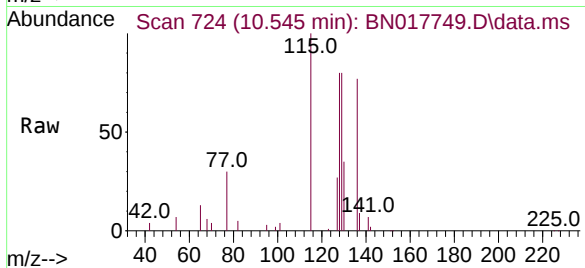




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.545 min Scan# 723
Delta R.T. 0.012 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

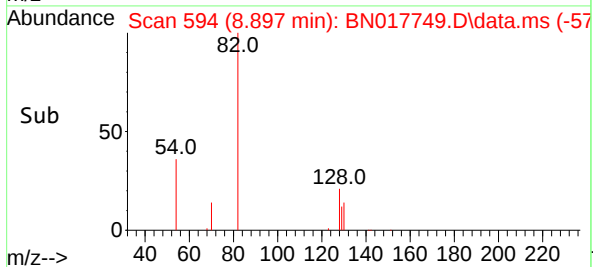
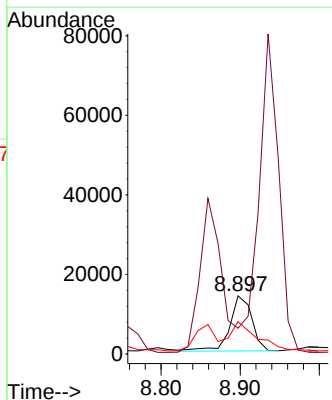
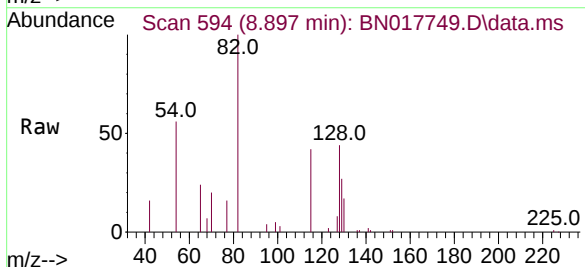
Instrument :
BNA_N
ClientSampleId :
MW-25RE

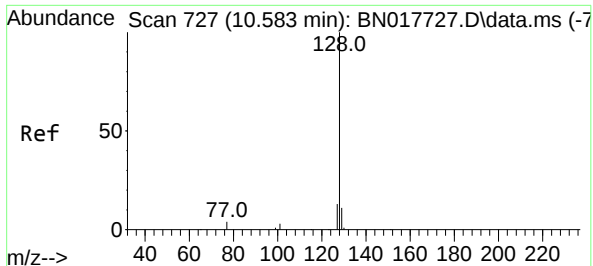
Tgt Ion:136 Resp: 101723
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 8.9 4.0 6.0#
68 7.7 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion: 82 Resp: 26761
Ion Ratio Lower Upper
82 100
128 44.5 27.7 41.5#
54 55.5 49.2 73.8

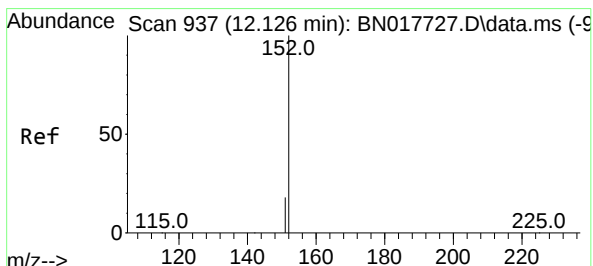
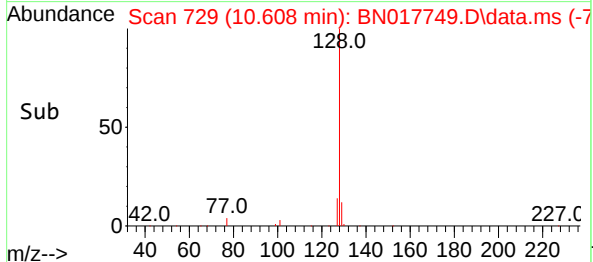
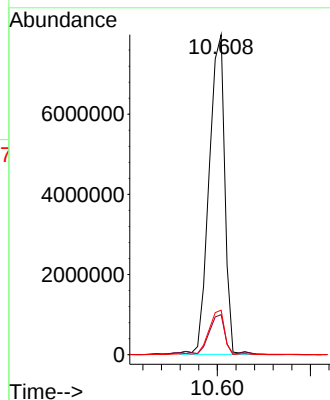
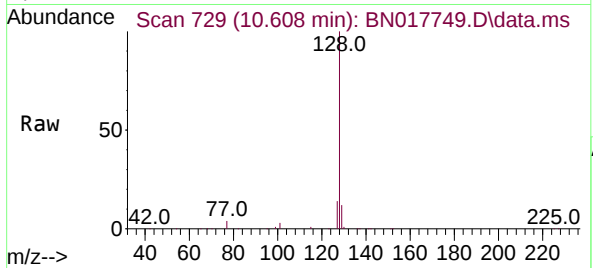




#9
Naphthalene
Concen: 73.908 ng
RT: 10.608 min Scan# 729
Delta R.T. 0.025 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

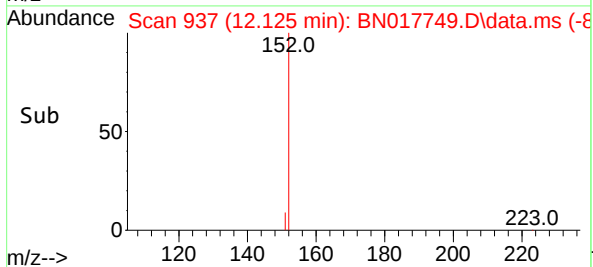
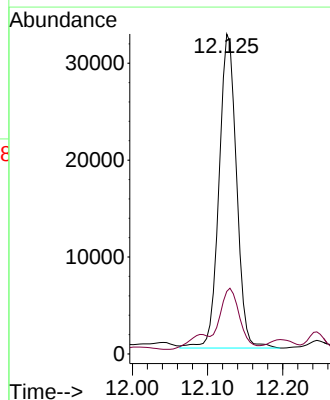
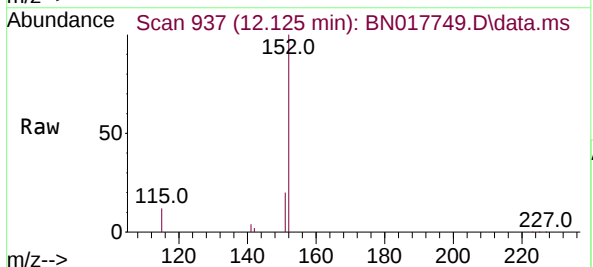
Instrument :
BNA_N
ClientSampleId :
MW-25RE

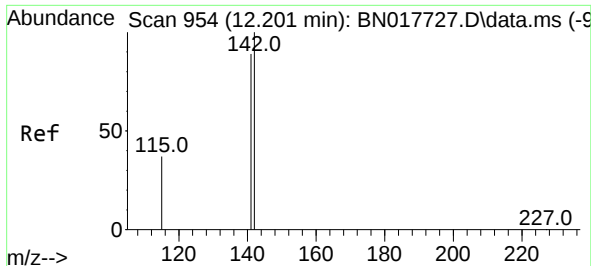
Tgt Ion:128 Resp:18642283
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 13.9 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.125 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion:152 Resp: 52626
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4





#12

2-Methylnaphthalene

Concen: 20.311 ng

RT: 12.205 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017749.D

Acq: 07 Dec 2021 03:46

Instrument :

BNA_N

ClientSampleId :

MW-25RE

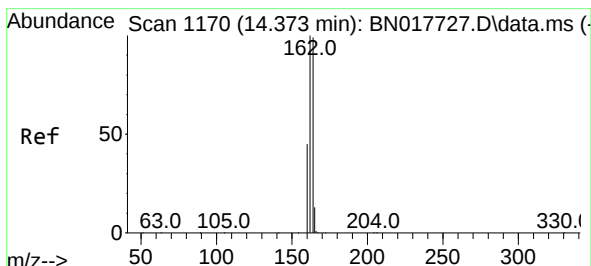
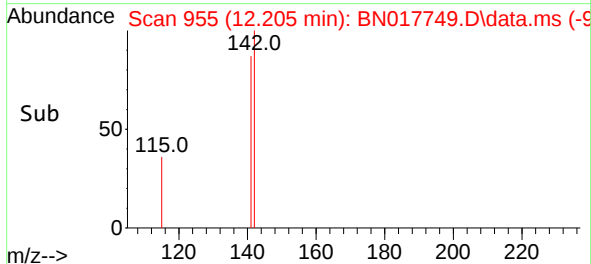
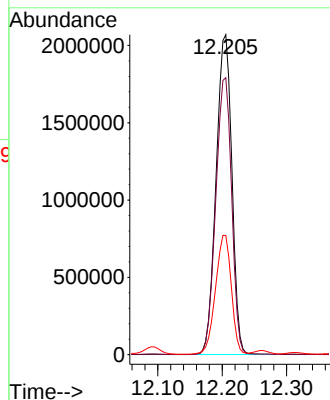
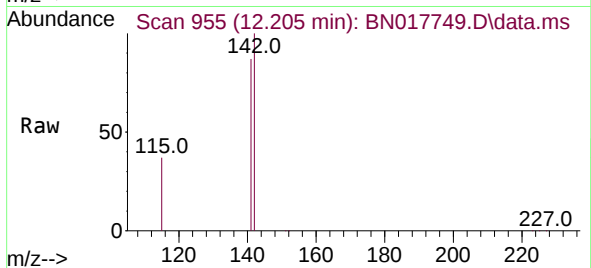
Tgt Ion:142 Resp: 3514540

Ion Ratio Lower Upper

142 100

141 86.6 70.6 106.0

115 37.2 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: BN017749.D

Acq: 07 Dec 2021 03:46

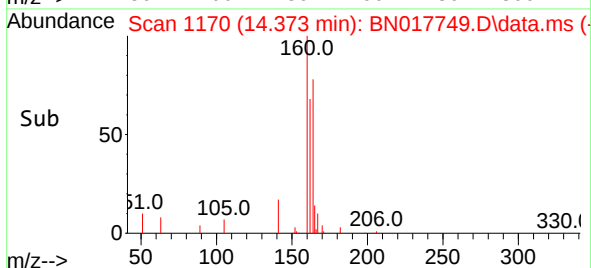
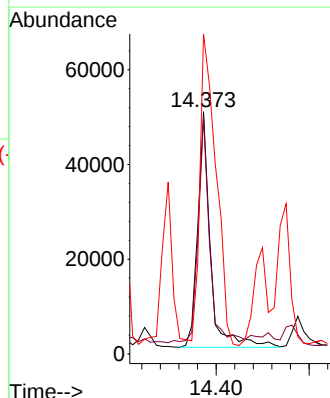
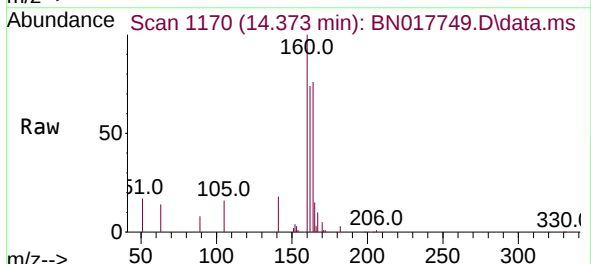
Tgt Ion:164 Resp: 94041

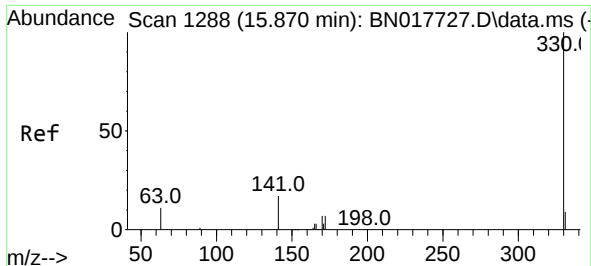
Ion Ratio Lower Upper

164 100

162 97.9 81.4 122.2

160 132.1 36.8 55.2#

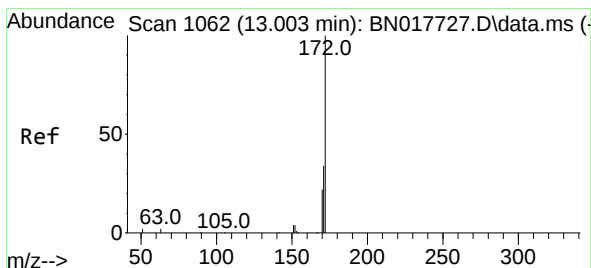
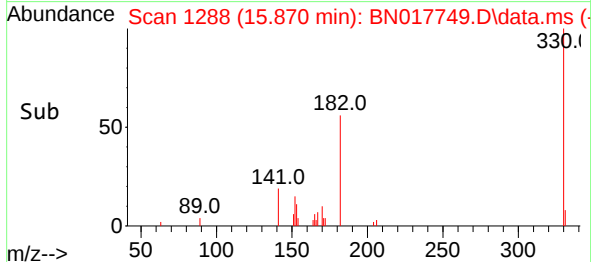
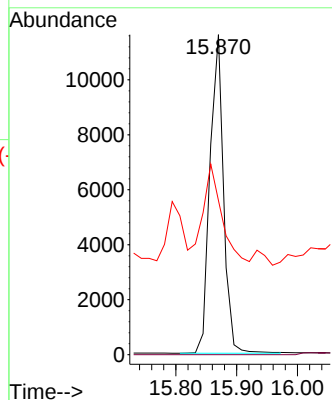
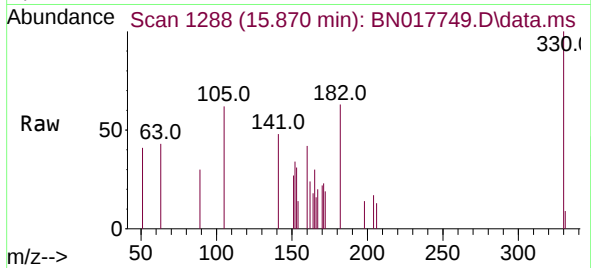




#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

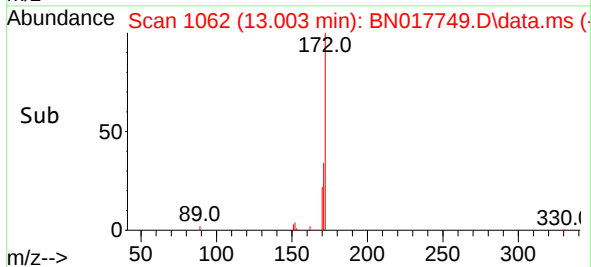
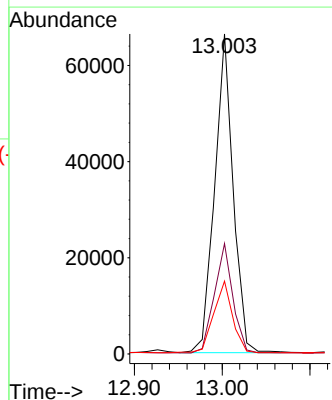
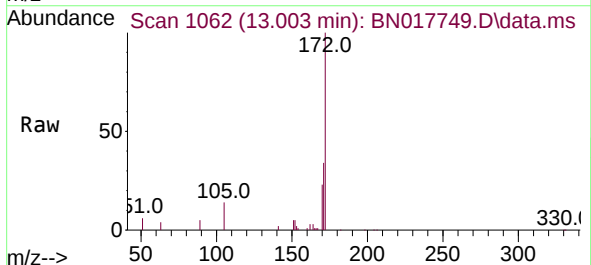
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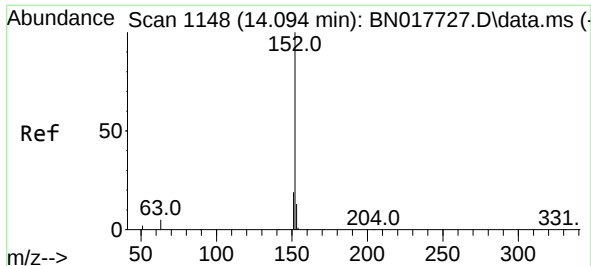
Tgt Ion: 330 Resp: 18002
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion: 172 Resp: 96970
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.8 19.4 29.2

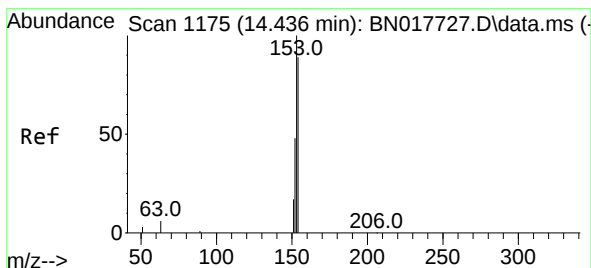
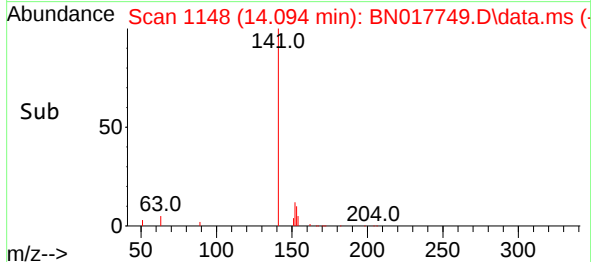
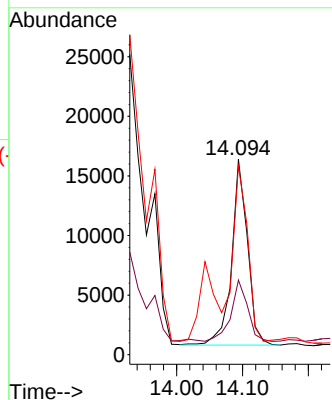
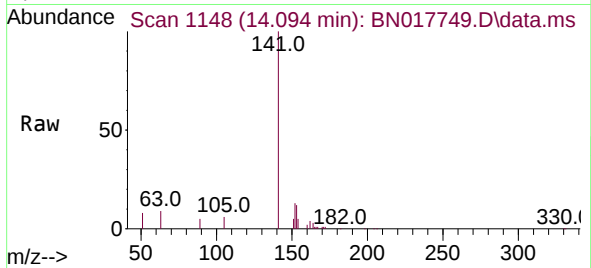




#16
Acenaphthylene
Concen: 0.072 ng
RT: 14.094 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

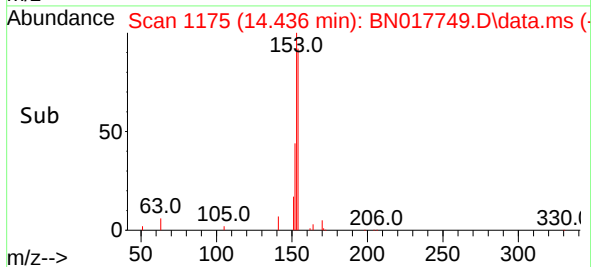
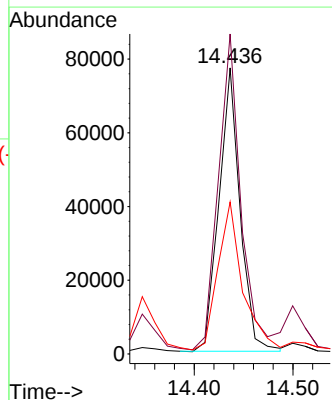
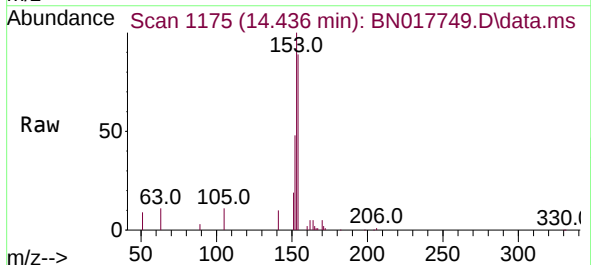
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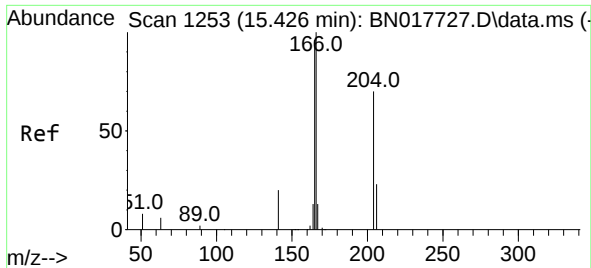
Tgt Ion:152 Resp: 26138
Ion Ratio Lower Upper
152 100
151 34.6 15.5 23.3#
153 89.0 10.4 15.6#



#17
Acenaphthene
Concen: 0.466 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion:154 Resp: 113992
Ion Ratio Lower Upper
154 100
153 117.5 91.2 136.8
152 64.7 44.3 66.5

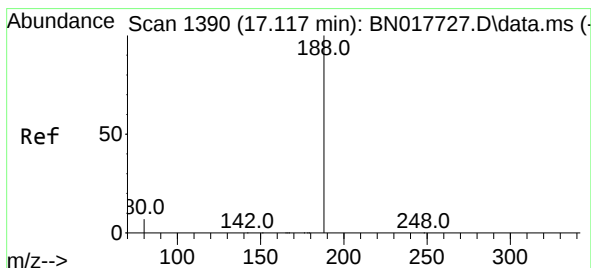
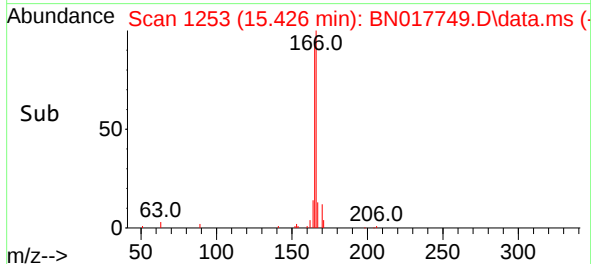
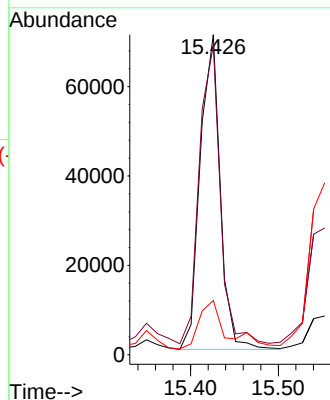
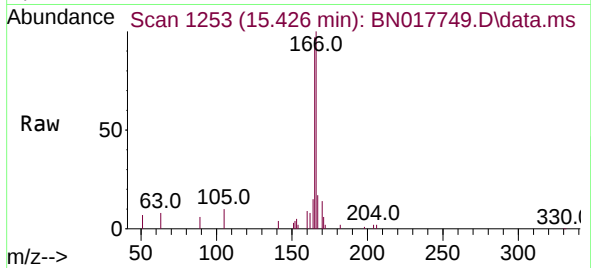




#18
Fluorene
Concen: 0.357 ng
RT: 15.426 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

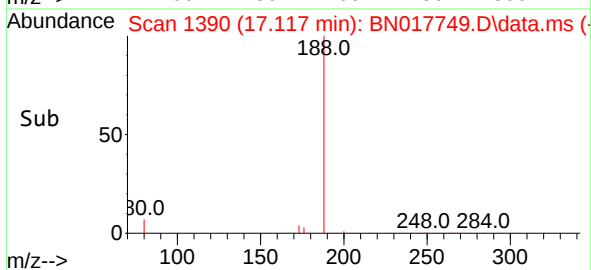
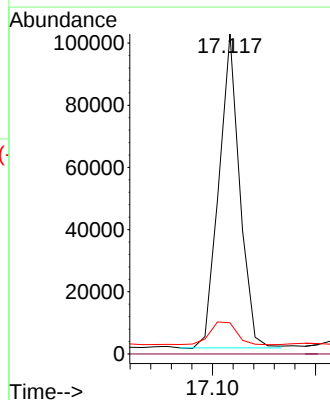
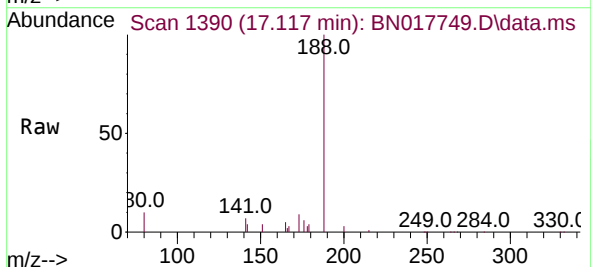
Instrument :
BNA_N
ClientSampleId :
MW-25RE

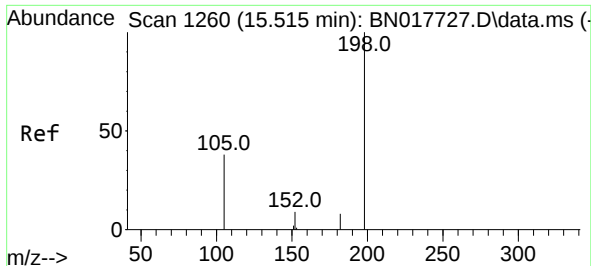
Tgt Ion:166 Resp: 111951
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 21.8 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion:188 Resp: 141887
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.1 9.1#

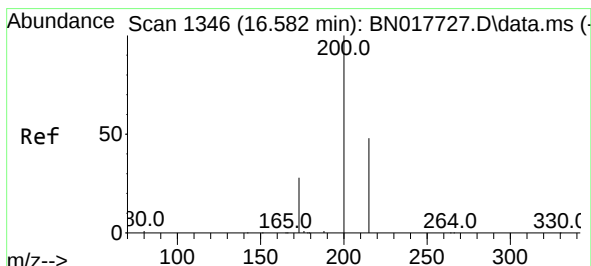
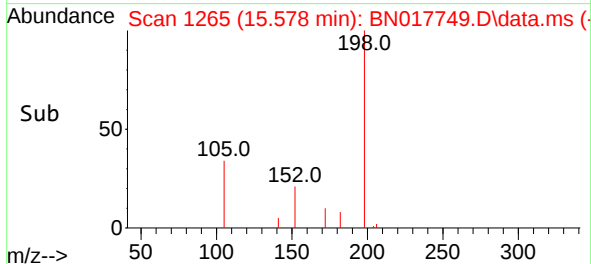
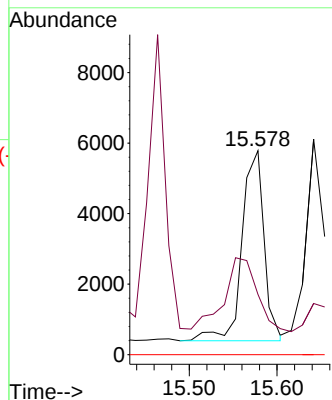
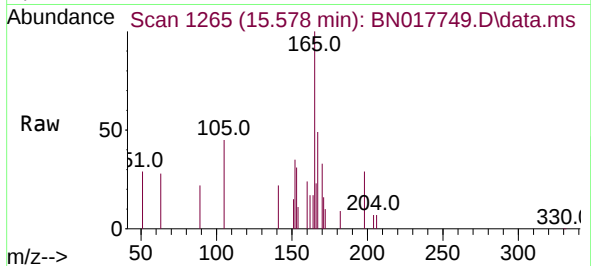




#20
4,6-Dinitro-2-methylphenol
Concen: 1.789 ng
RT: 15.578 min Scan# 1265
Delta R.T. 0.063 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

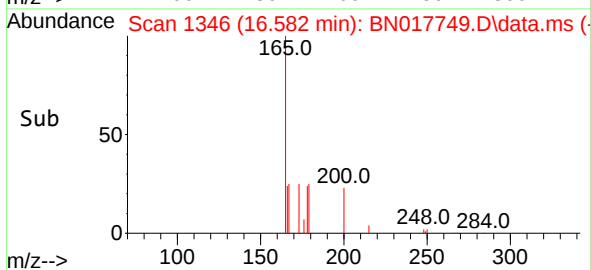
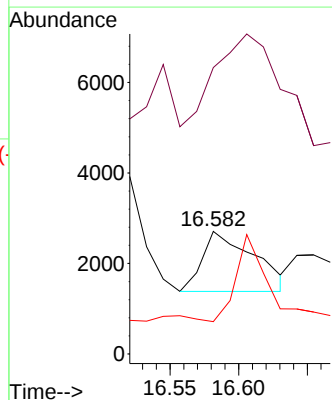
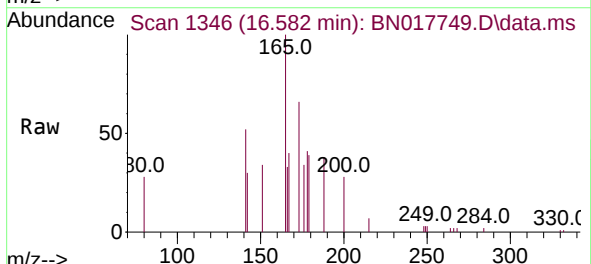
Instrument :
BNA_N
ClientSampleId :
MW-25RE

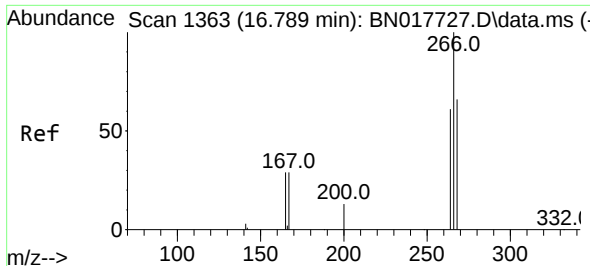
Tgt Ion:198 Resp: 9445
Ion Ratio Lower Upper
198 100
182 29.5 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.144 ng
RT: 16.582 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion:200 Resp: 3464
Ion Ratio Lower Upper
200 100
173 233.7 17.6 26.4#
215 26.4 40.2 60.4#

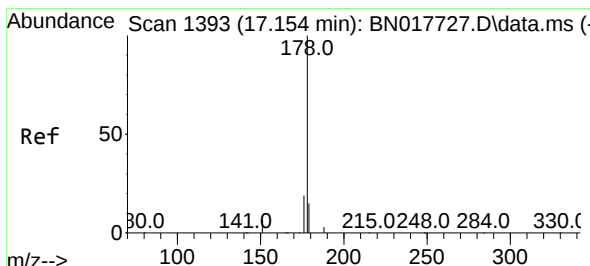
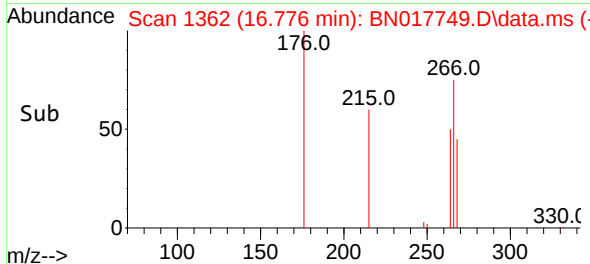
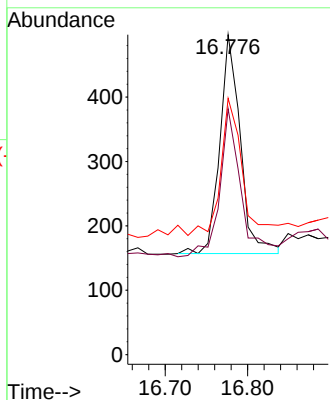
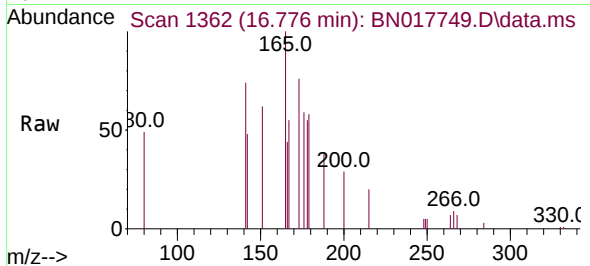




#24
 Pentachlorophenol
 Concen: 0.188 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

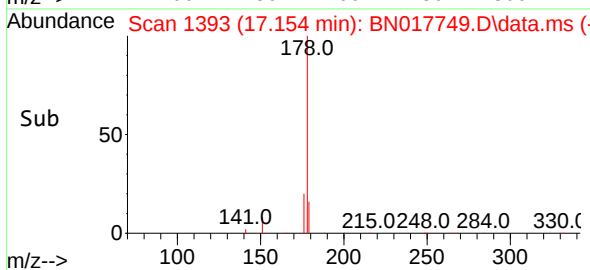
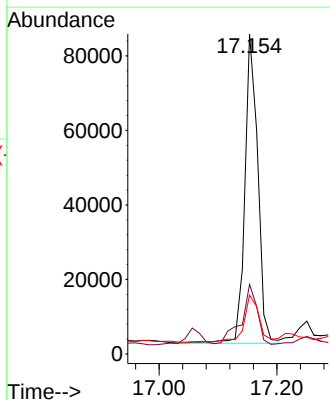
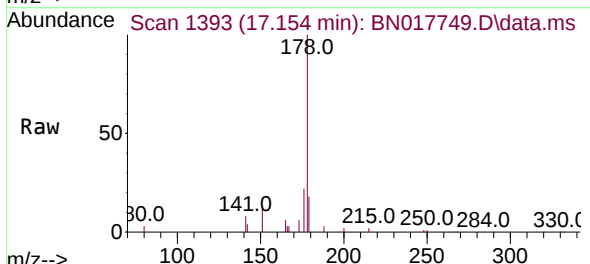
Instrument :
 BNA_N
 ClientSampleId :
 MW-25RE

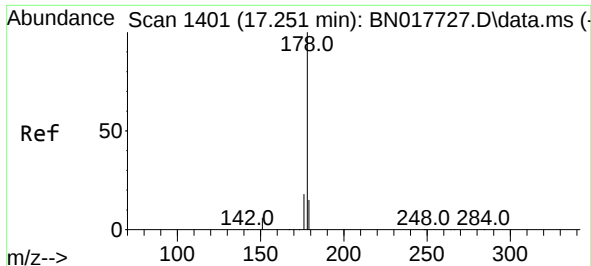
Tgt Ion:	266	Resp:	589
Ion Ratio	Lower	Upper	
266	100		
264	70.5	49.8	74.8
268	65.5	51.3	76.9



#25
 Phenanthrene
 Concen: 0.340 ng
 RT: 17.154 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

Tgt Ion:	178	Resp:	126939
Ion Ratio	Lower	Upper	
178	100		
176	23.2	15.0	22.6
179	17.7	12.3	18.5

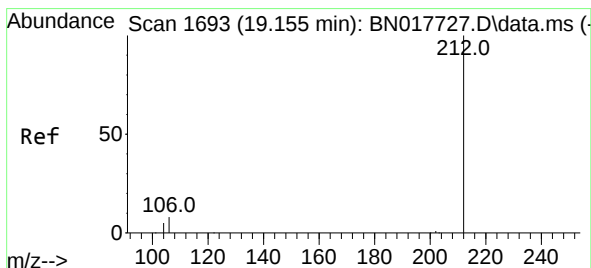
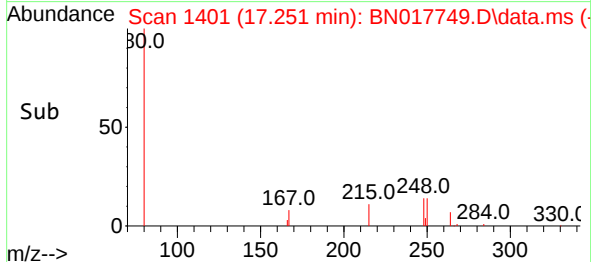
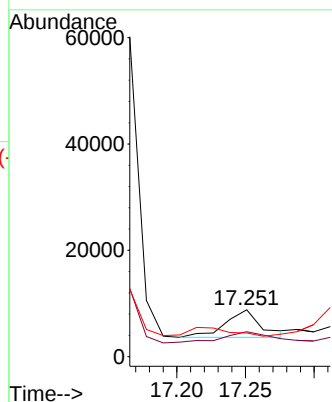
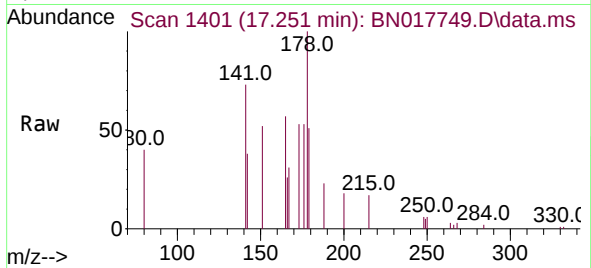




#26
 Anthracene
 Concen: 0.028 ng
 RT: 17.251 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

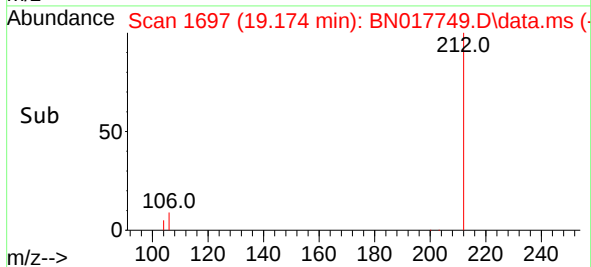
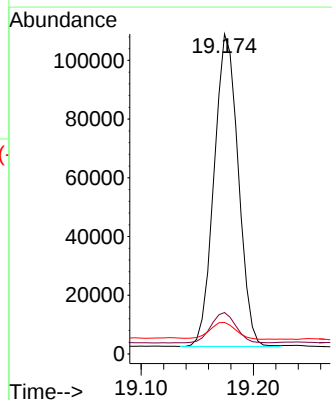
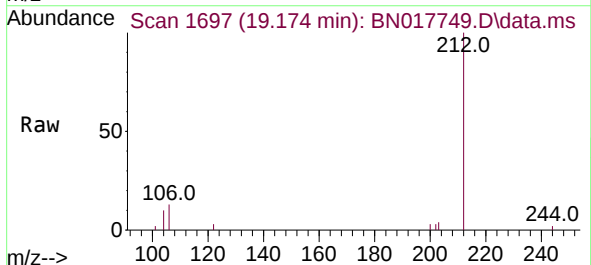
Instrument :
 BNA_N
 ClientSampleId :
 MW-25RE

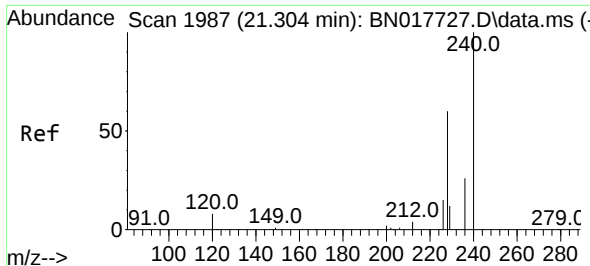
Tgt Ion:178 Resp: 9260
 Ion Ratio Lower Upper
 178 100
 176 49.7 14.6 22.0#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 19.174 min Scan# 1697
 Delta R.T. 0.020 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

Tgt Ion:212 Resp: 159397
 Ion Ratio Lower Upper
 212 100
 106 10.1 10.5 15.7#
 104 5.7 5.8 8.6#

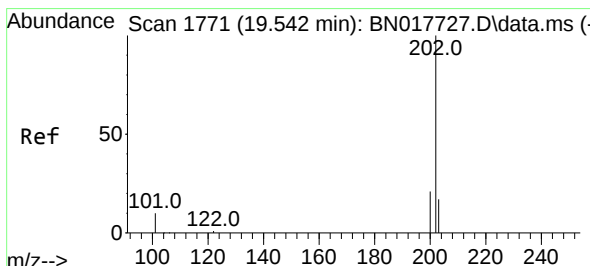
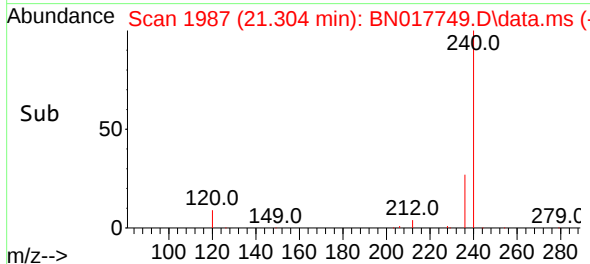
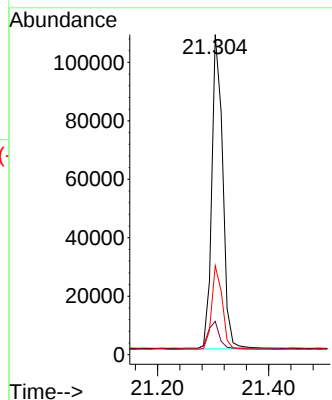
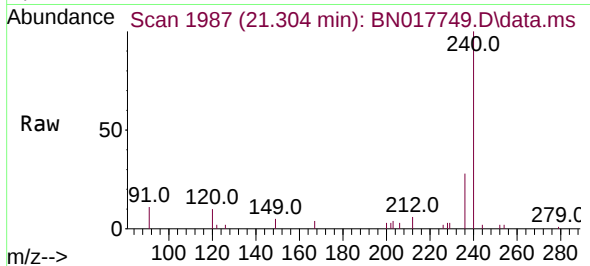




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

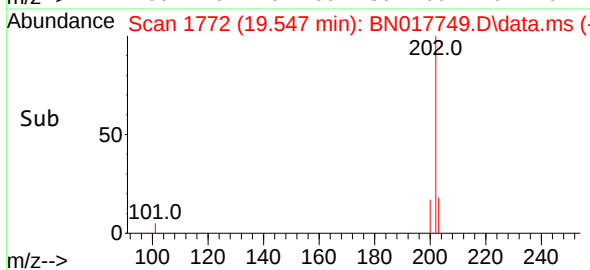
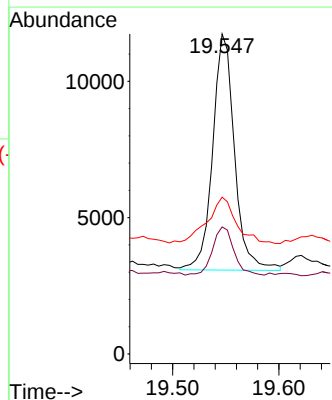
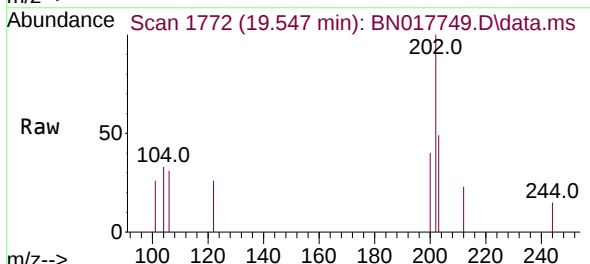
Instrument :
BNA_N
ClientSampleId :
MW-25RE

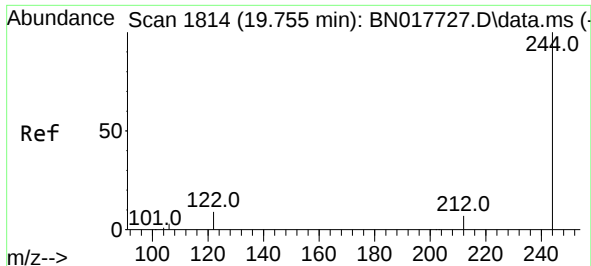
Tgt Ion:240 Resp: 147905
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 27.8 20.0 30.0



#30
Pyrene
Concen: 0.022 ng
RT: 19.547 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN017749.D
Acq: 07 Dec 2021 03:46

Tgt Ion:202 Resp: 12363
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 26.1 14.0 21.0#

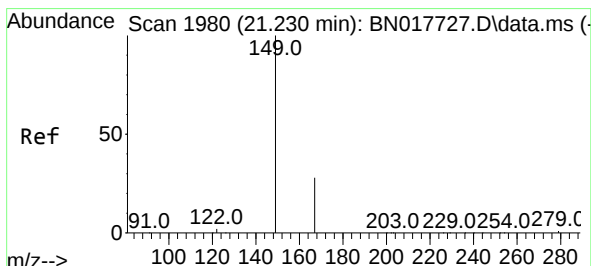
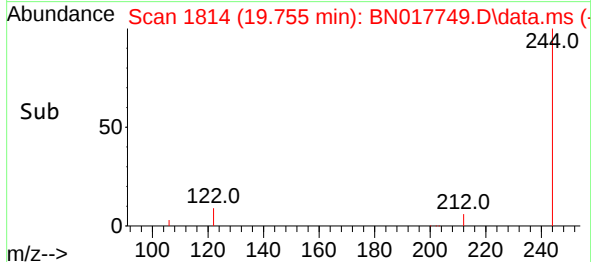
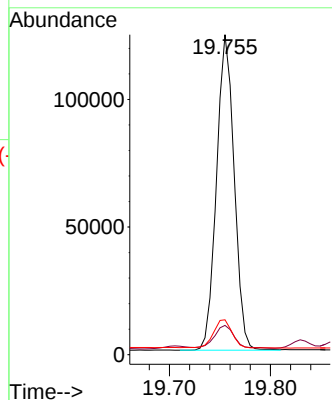
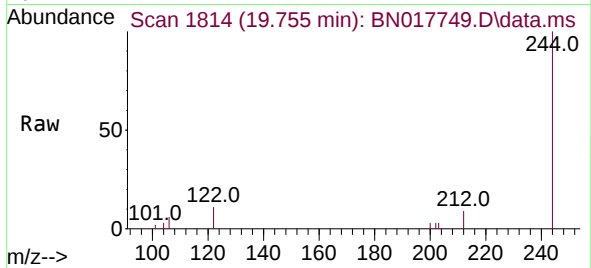




#31
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

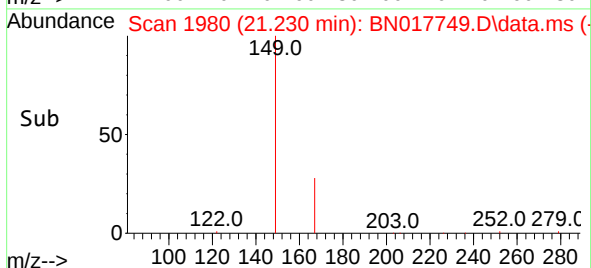
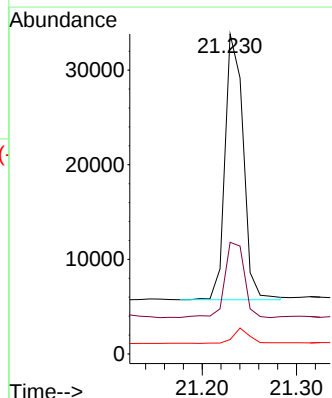
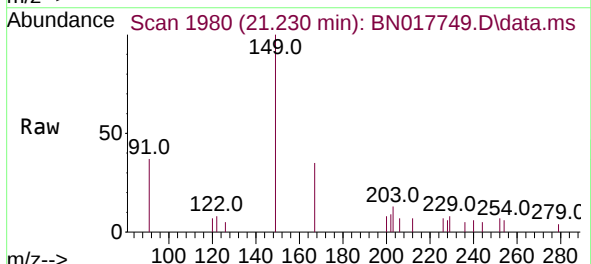
Instrument :
 BNA_N
 ClientSampleId :
 MW-25RE

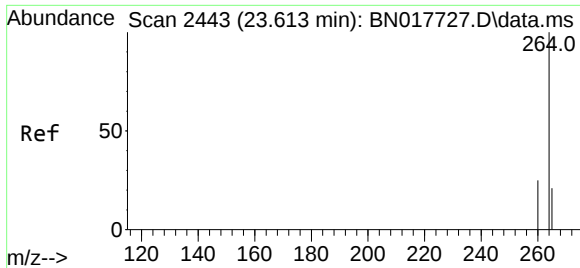
Tgt Ion:244 Resp: 150378
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.7 8.5#
 122 10.9 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.230 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: BN017749.D
 Acq: 07 Dec 2021 03:46

Tgt Ion:149 Resp: 37607
 Ion Ratio Lower Upper
 149 100
 167 30.8 21.8 32.6
 279 5.1 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: BN017749.D

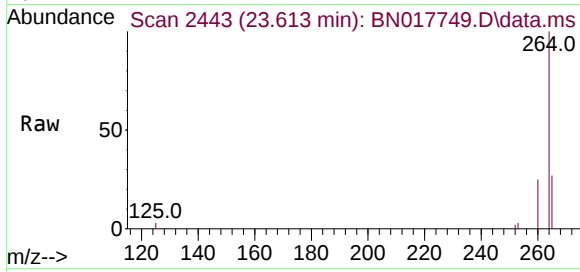
Acq: 07 Dec 2021 03:46

Instrument :

BNA_N

ClientSampleId :

MW-25RE



Tgt Ion:264 Resp: 133433

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 27.3 18.6 28.0

