

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017748.D
 Acq On : 07 Dec 2021 03:10
 Operator : CG/JU
 Sample : M4930-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

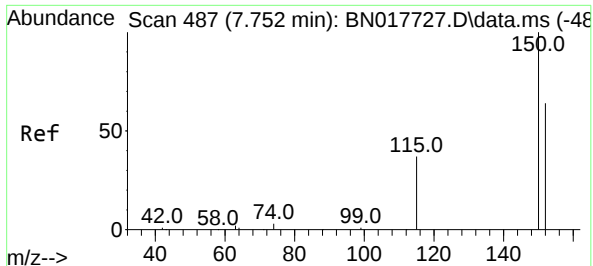
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 07 06:53:29 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	26442	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	109715	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	74113	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	147608	0.400	ng	# 0.00
29) Chrysene-d12	21.315	240	143136	0.400	ng	# 0.01
35) Perylene-d12	23.624	264	146973	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	12528	0.221	ng	0.03
5) Phenol-d6	6.950	99	9058	0.149	ng	0.02
8) Nitrobenzene-d5	8.897	82	30275	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	70300	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	23075	0.633	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	124546	0.454	ng	0.00
27) Fluoranthene-d10	19.154	212	182944	0.368	ng	0.00
31) Terphenyl-d14	19.755	244	161481	0.440	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	8556	0.488	ng	# 89
12) 2-Methylnaphthalene	12.197	142	3922	0.021	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.553	198	543	0.323	ng	# 1
23) Atrazine	16.582	200	712	0.107	ng	# 1
24) Pentachlorophenol	16.776	266	959	0.203	ng	93
28) Fluoranthene	19.184	202	11242	0.024	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.240	149	61824	0.274	ng	# 88

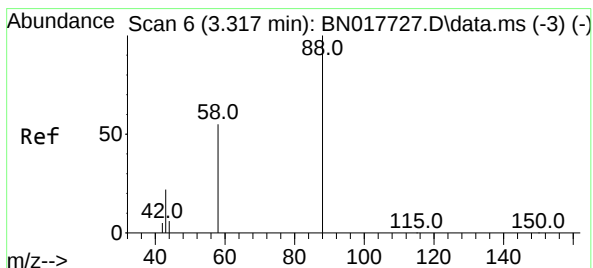
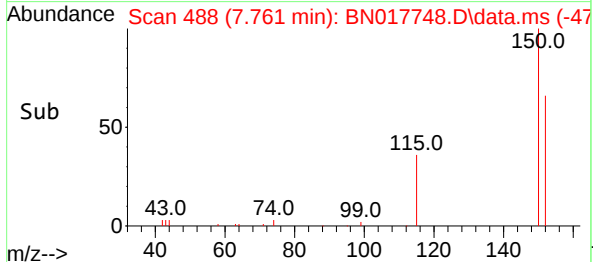
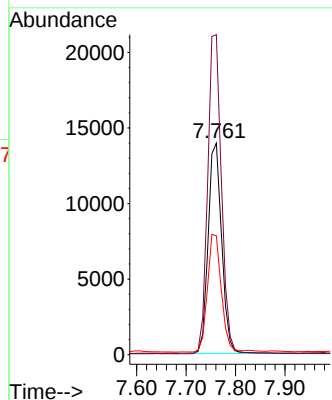
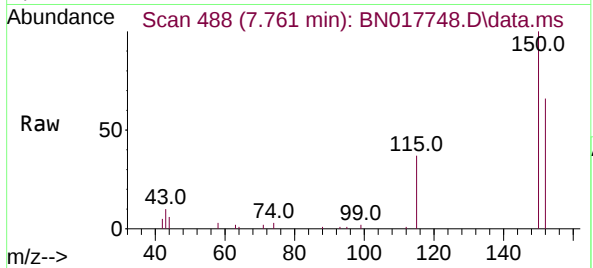
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 4
 Delta R.T. 0.009 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

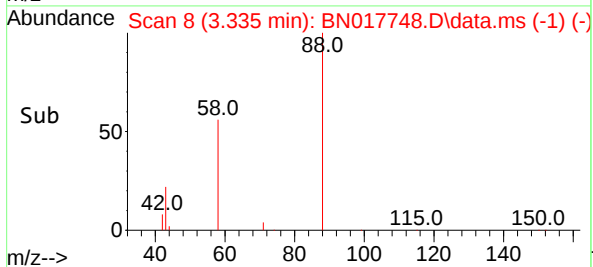
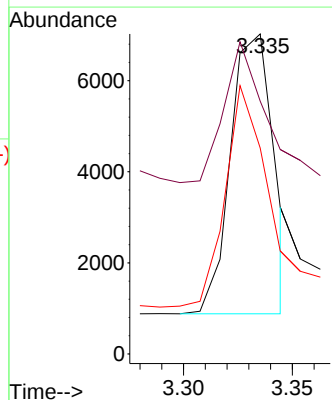
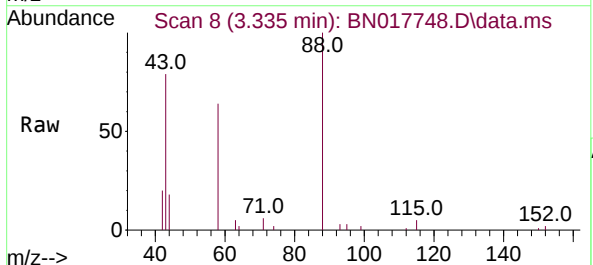
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

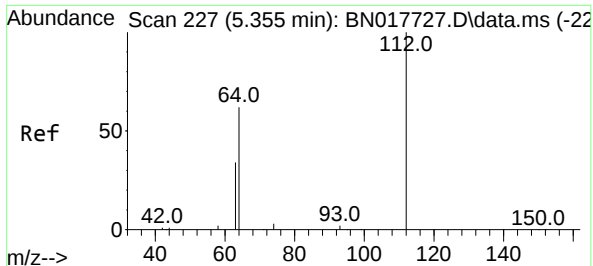
Tgt Ion:152 Resp: 26442
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.0 184.4
 115 56.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.488 ng
 RT: 3.335 min Scan# 8
 Delta R.T. 0.018 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

Tgt Ion: 88 Resp: 8556
 Ion Ratio Lower Upper
 88 100
 43 44.8 24.7 37.1#
 58 73.8 63.0 94.6

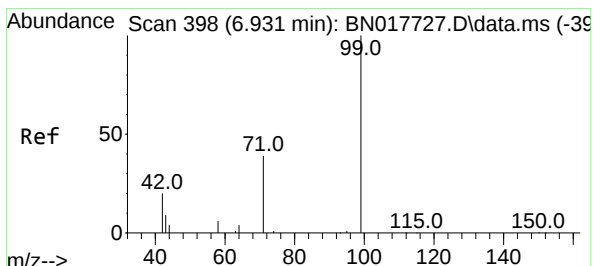
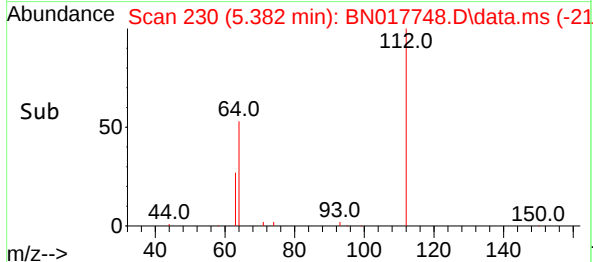
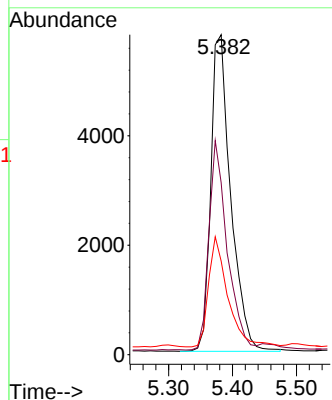
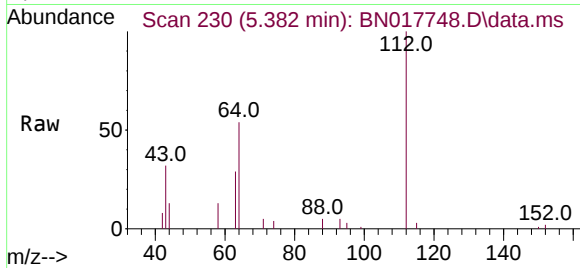




#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.382 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

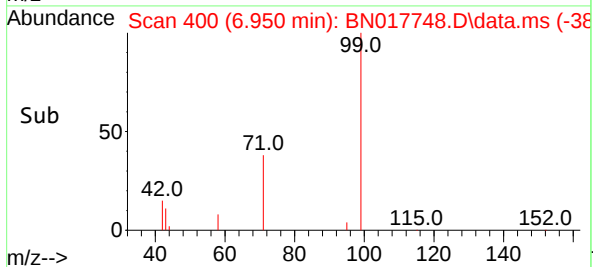
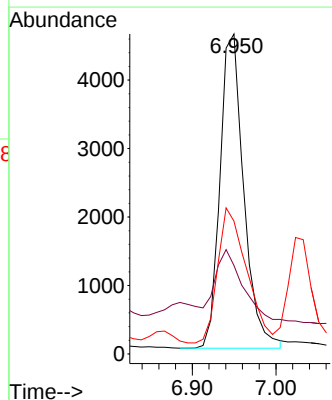
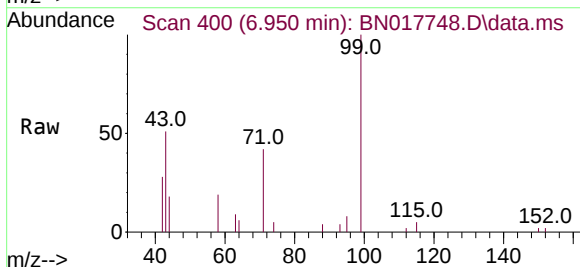
Instrument :
BNA_N
ClientSampleId :
MW-1

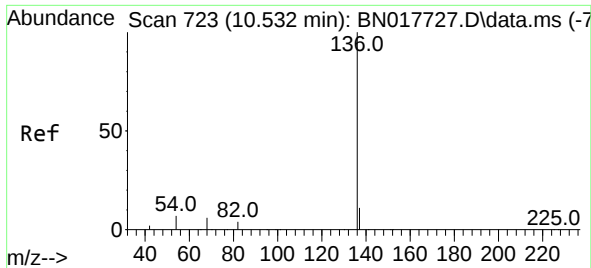
Tgt Ion:112 Resp: 12528
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 33.9 24.6 37.0



#5
Phenol-d6
Concen: 0.149 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

Tgt Ion: 99 Resp: 9058
Ion Ratio Lower Upper
99 100
42 24.6 17.0 25.6
71 52.3 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

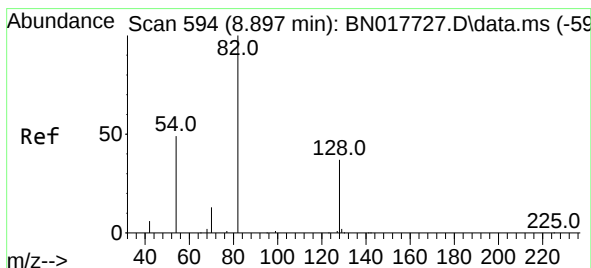
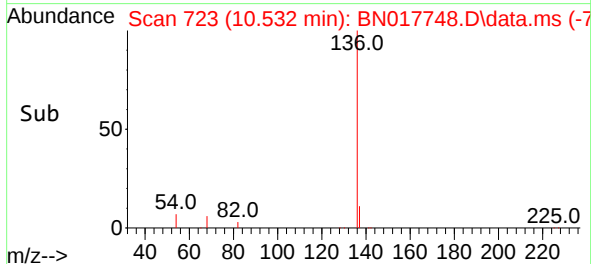
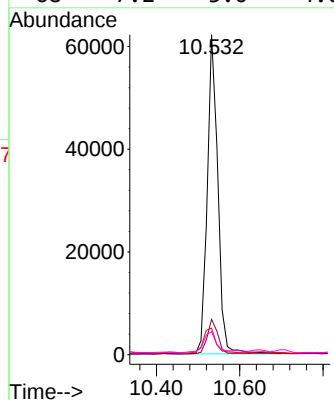
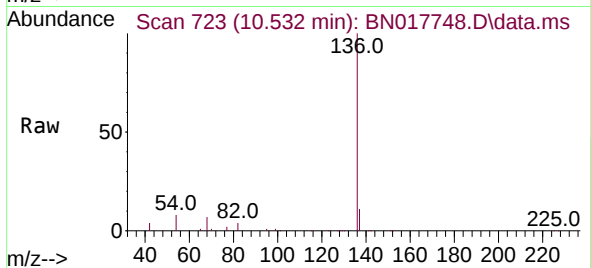
Instrument :

BNA_N

ClientSampleId :

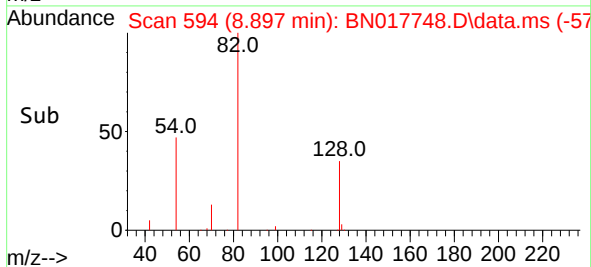
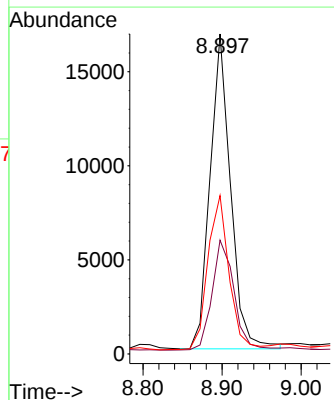
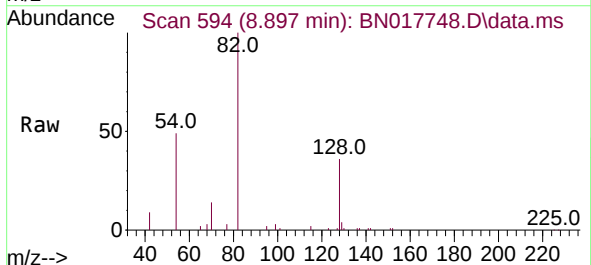
MW-1

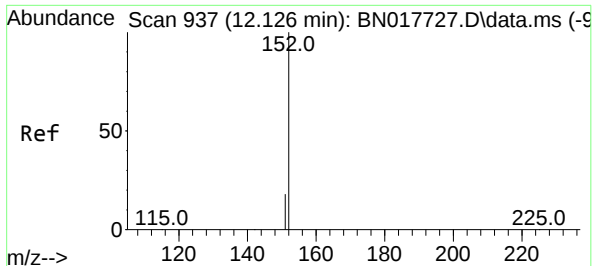
Tgt Ion:136 Resp: 109715
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 4.0 6.0#
68 7.2 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

Tgt Ion: 82 Resp: 30275
Ion Ratio Lower Upper
82 100
128 35.6 27.7 41.5
54 49.5 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.125 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017748.D

Acq: 07 Dec 2021 03:10

Instrument :

BNA_N

ClientSampleId :

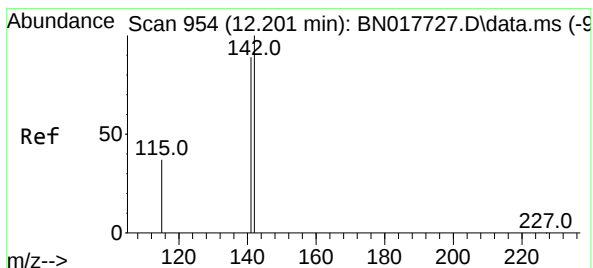
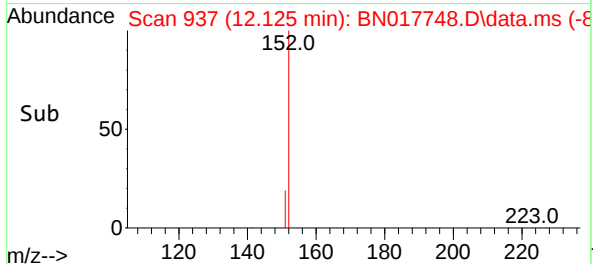
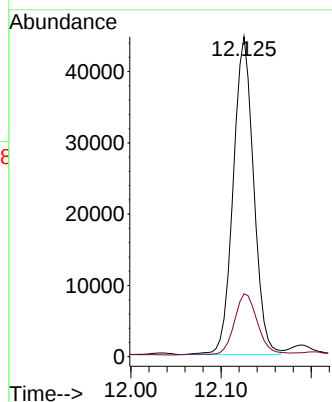
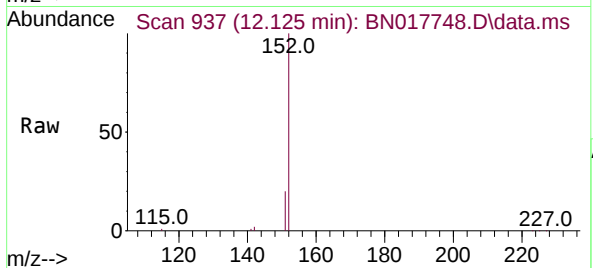
MW-1

Tgt Ion:152 Resp: 70300

Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.197 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017748.D

Acq: 07 Dec 2021 03:10

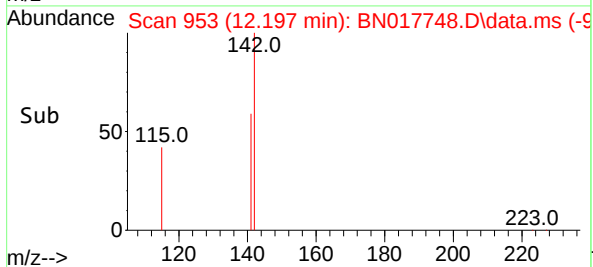
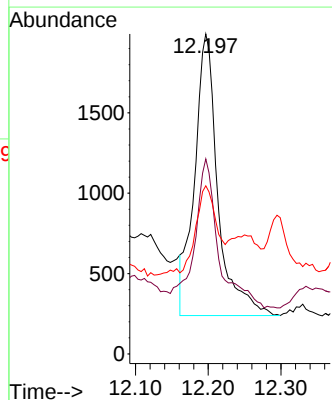
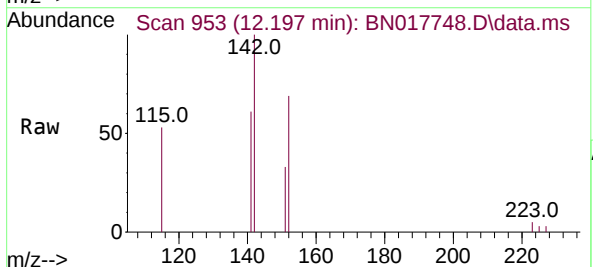
Tgt Ion:142 Resp: 3922

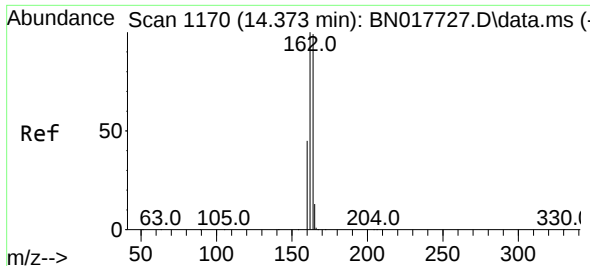
Ion Ratio Lower Upper

142 100

141 60.9 70.6 106.0#

115 52.5 25.8 38.6#

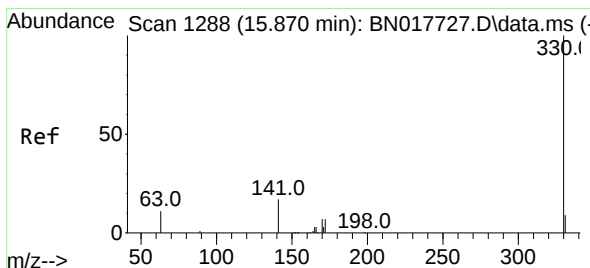
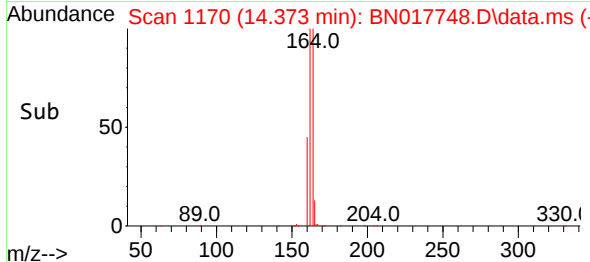
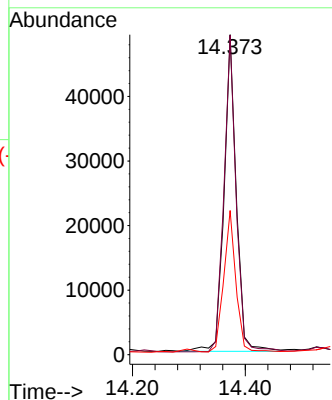
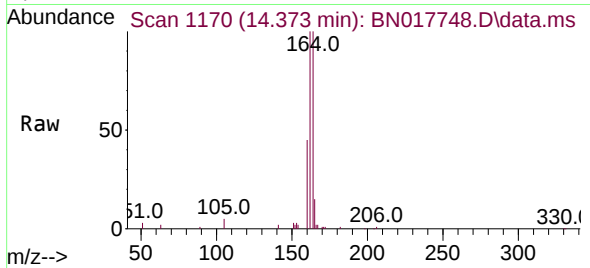




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.373 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

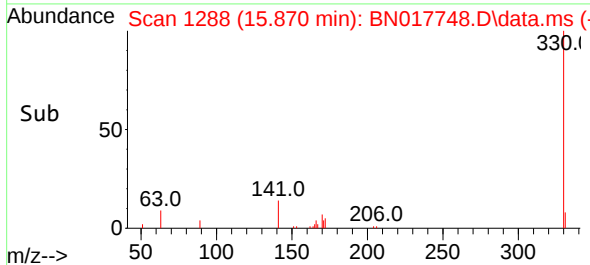
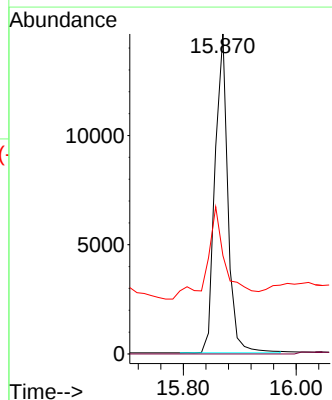
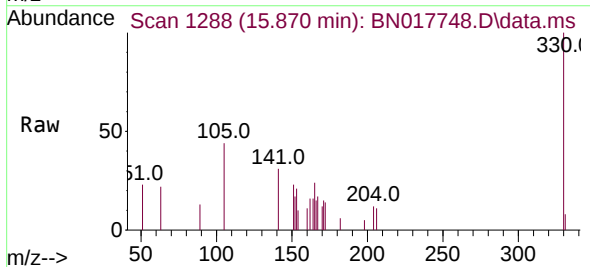
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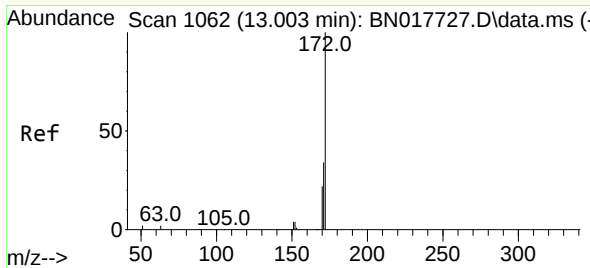
Tgt Ion:164 Resp: 74113
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.2
 160 45.1 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.633 ng
 RT: 15.870 min Scan# 1288
 Delta R.T. 0.000 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

Tgt Ion:330 Resp: 23075
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 28.1 28.9 43.3#

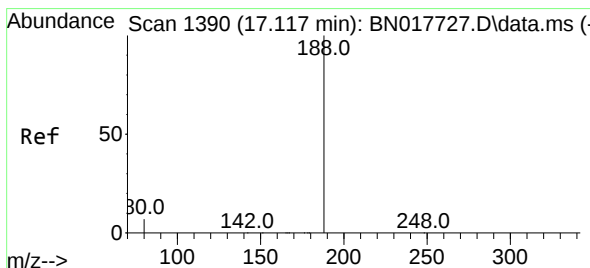
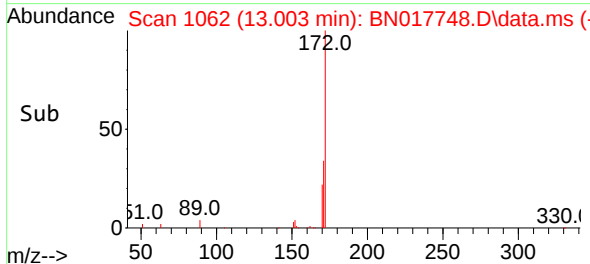
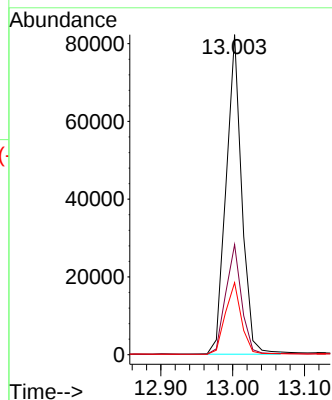
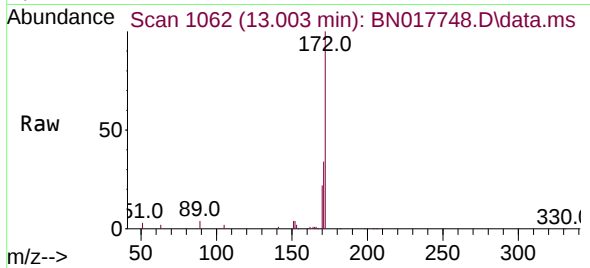




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

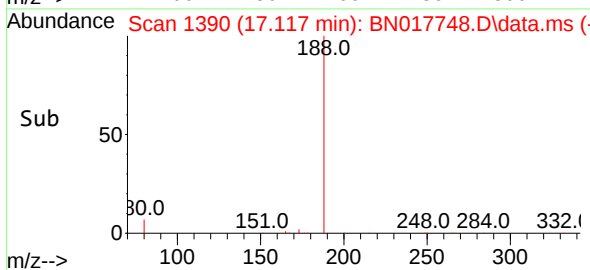
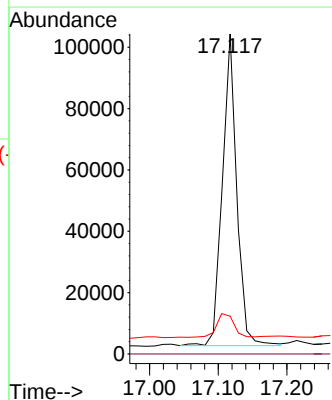
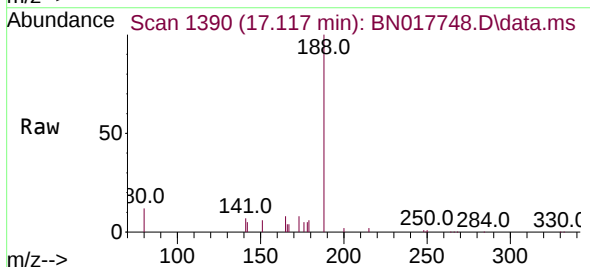
Instrument :
BNA_N
ClientSampleId :
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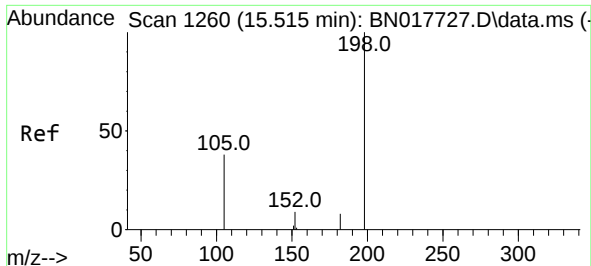
Tgt Ion:172 Resp: 124546
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.5 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

Tgt Ion:188 Resp: 147608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 6.1 9.1#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.323 ng

RT: 15.553 min Scan# 1263

Delta R.T. 0.038 min

Lab File: BN017748.D

Acq: 07 Dec 2021 03:10

Instrument :

BNA_N

ClientSampleId :

MW-1

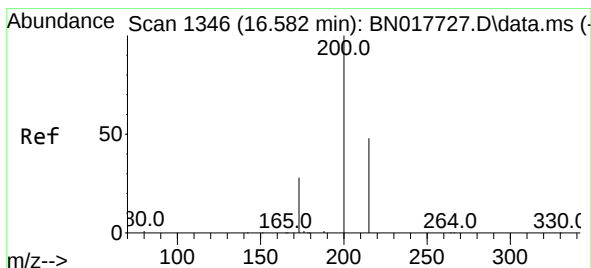
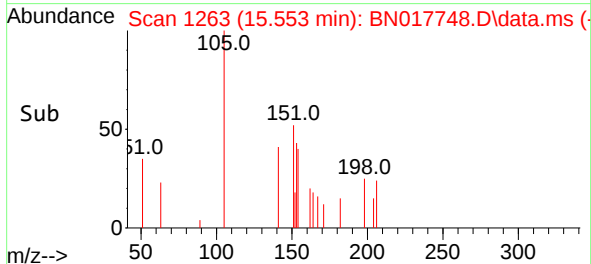
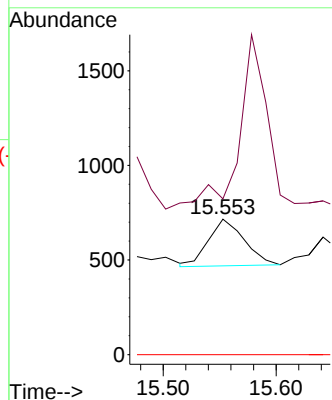
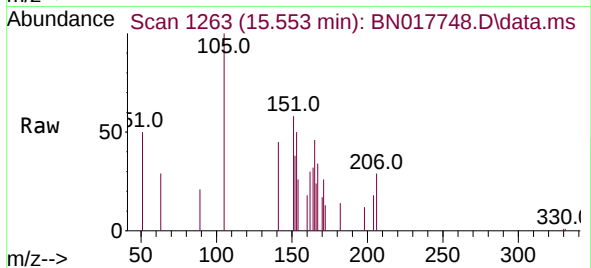
Tgt Ion:198 Resp: 543

Ion Ratio Lower Upper

198 100

182 114.9 11.4 17.2#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.107 ng

RT: 16.582 min Scan# 1346

Delta R.T. -0.000 min

Lab File: BN017748.D

Acq: 07 Dec 2021 03:10

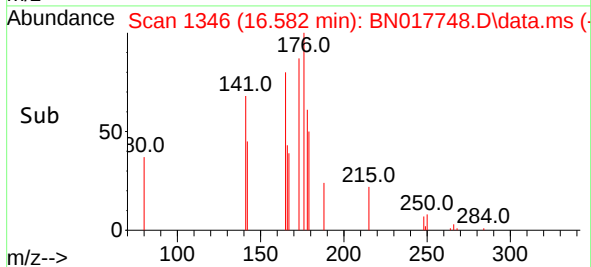
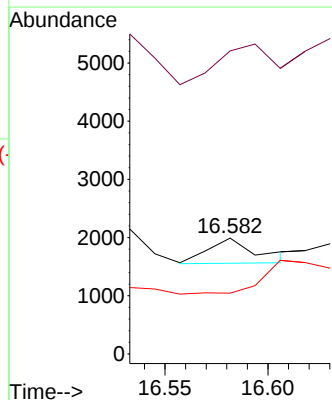
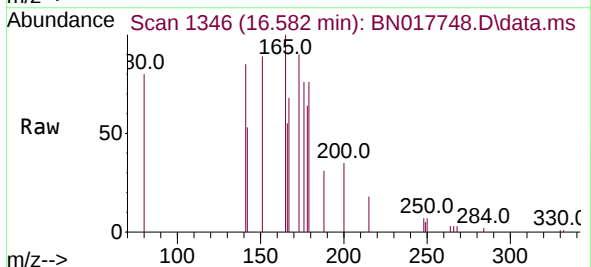
Tgt Ion:200 Resp: 712

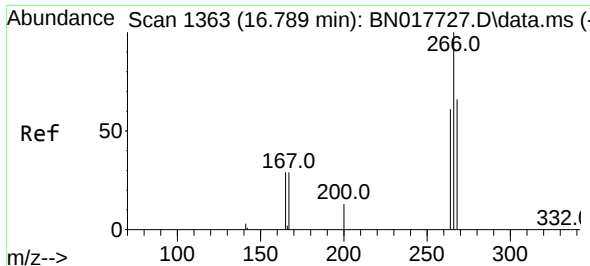
Ion Ratio Lower Upper

200 100

173 261.7 17.6 26.4#

215 52.5 40.2 60.4

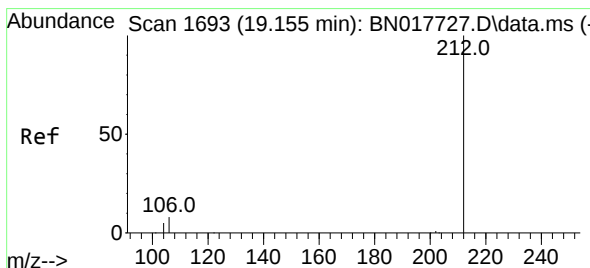
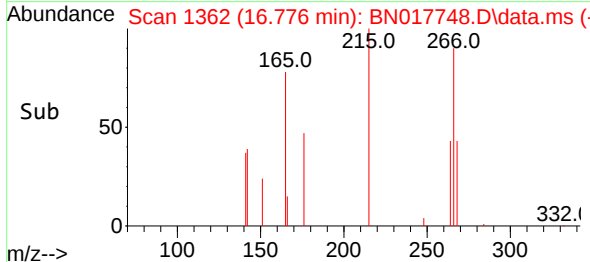
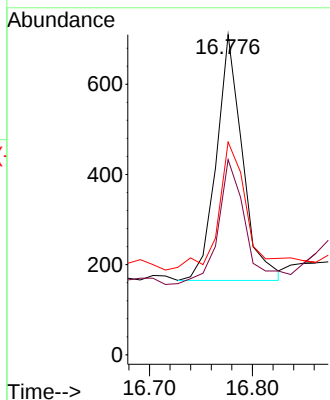
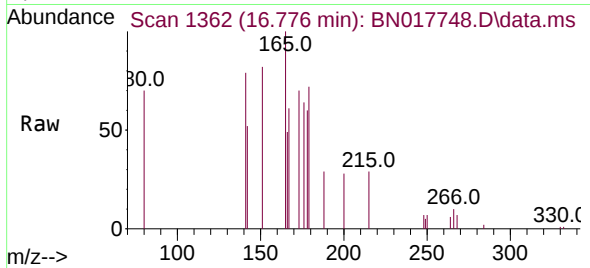




#24
 Pentachlorophenol
 Concen: 0.203 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

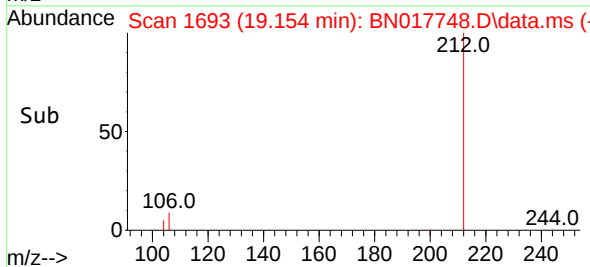
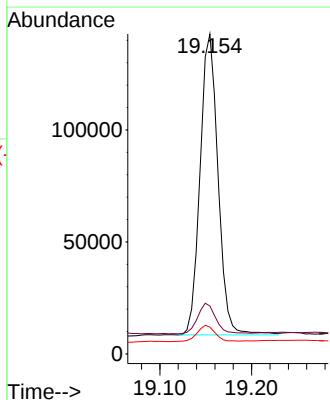
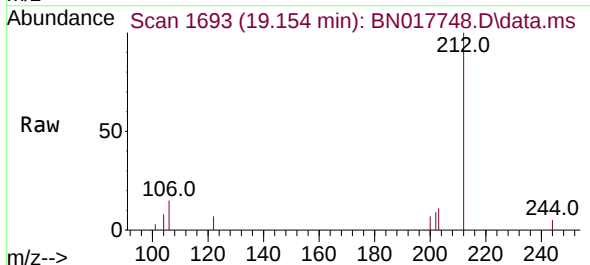
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

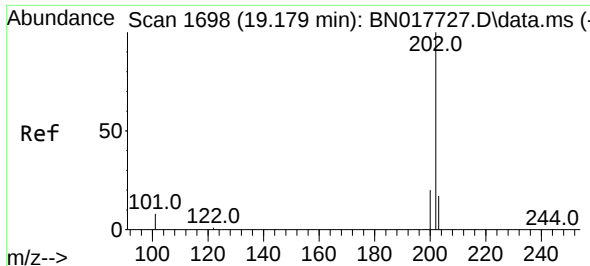
Tgt Ion:	266	Resp:	959
Ion Ratio	Lower	Upper	
266	100		
264	55.2	49.8	74.8
268	59.9	51.3	76.9



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.154 min Scan# 1693
 Delta R.T. -0.000 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

Tgt Ion:	212	Resp:	182944
Ion Ratio	Lower	Upper	
212	100		
106	10.2	10.5	15.7#
104	5.6	5.8	8.6#

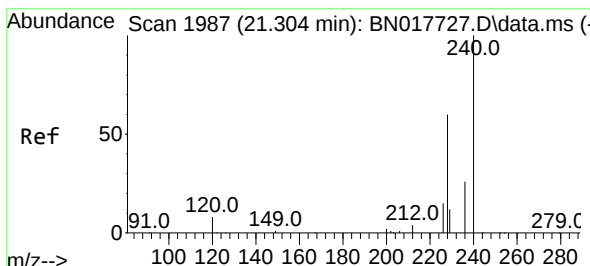
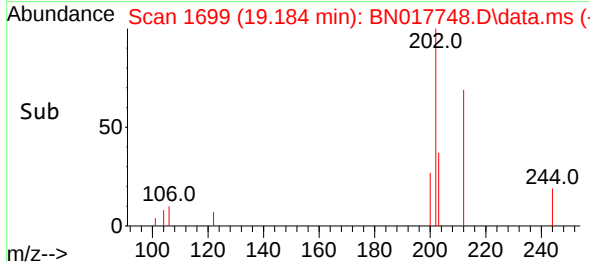
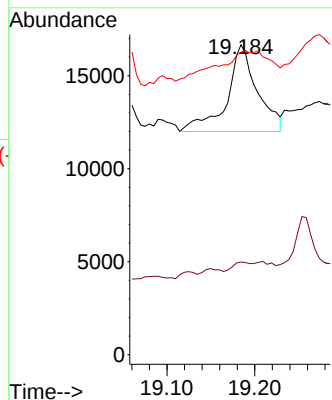
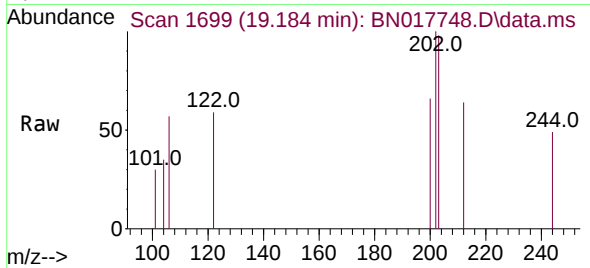




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.184 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

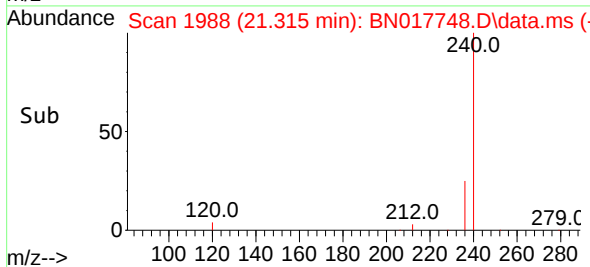
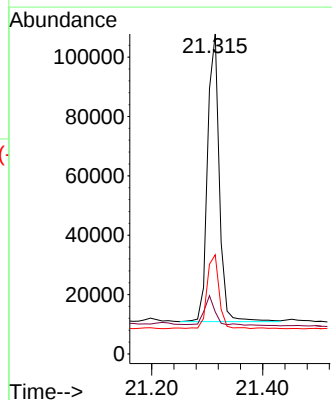
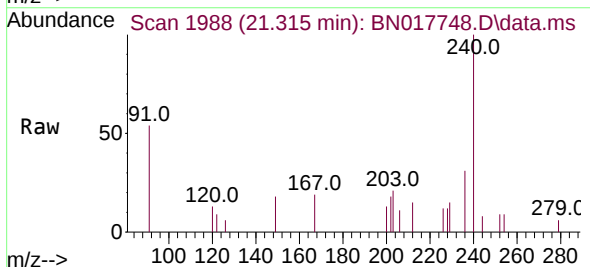
Instrument :
BNA_N
ClientSampleId :
MW-1

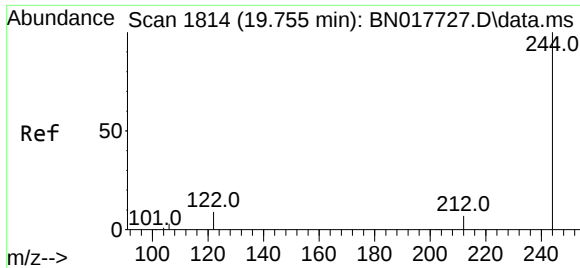
Tgt Ion:202 Resp: 11242
Ion Ratio Lower Upper
202 100
101 5.8 8.9 13.3#
203 60.4 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.315 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017748.D
Acq: 07 Dec 2021 03:10

Tgt Ion:240 Resp: 143136
Ion Ratio Lower Upper
240 100
120 13.1 4.2 6.2#
236 31.0 20.0 30.0#

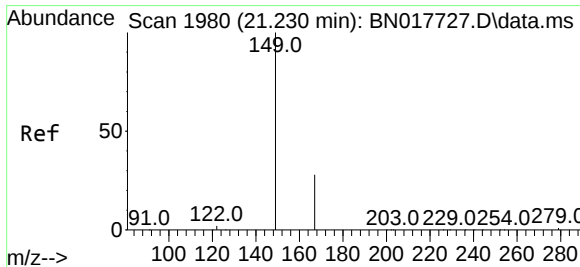
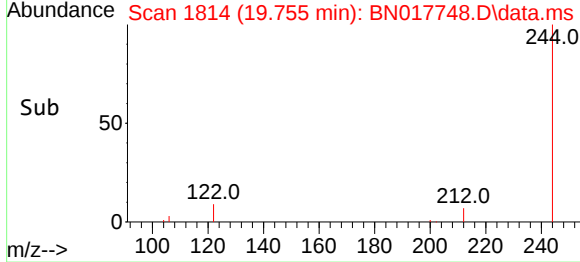
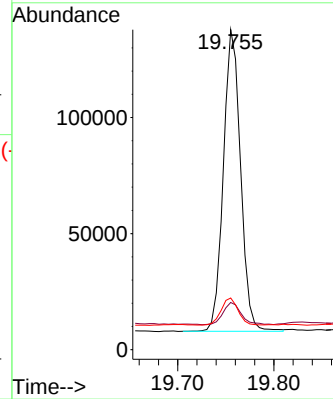
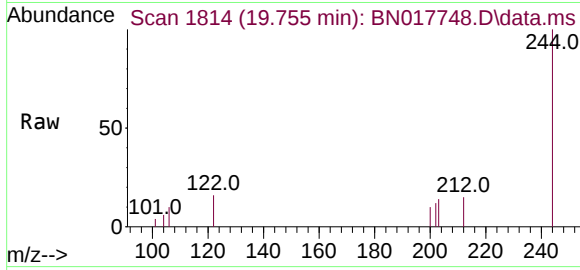




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

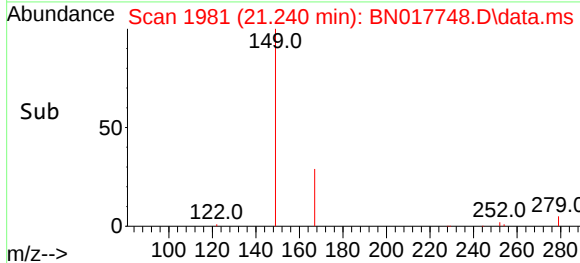
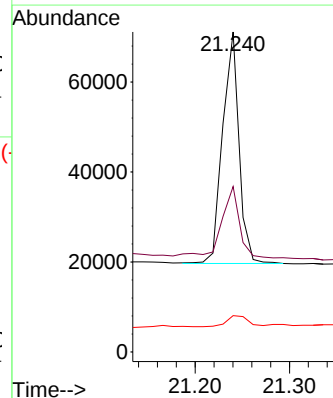
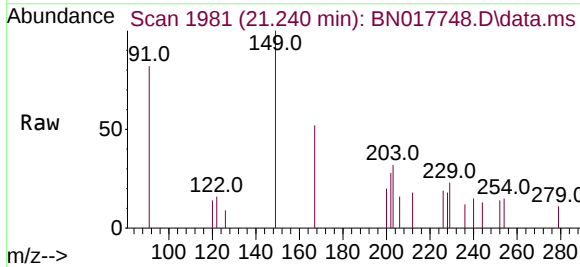
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

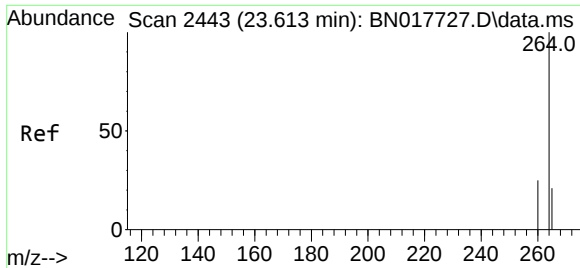
Tgt Ion:244 Resp: 161481
 Ion Ratio Lower Upper
 244 100
 212 14.8 5.7 8.5#
 122 16.1 8.6 13.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.274 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.010 min
 Lab File: BN017748.D
 Acq: 07 Dec 2021 03:10

Tgt Ion:149 Resp: 61824
 Ion Ratio Lower Upper
 149 100
 167 34.0 21.8 32.6#
 279 6.2 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.624 min Scan# 24

Delta R.T. 0.010 min

Lab File: BN017748.D

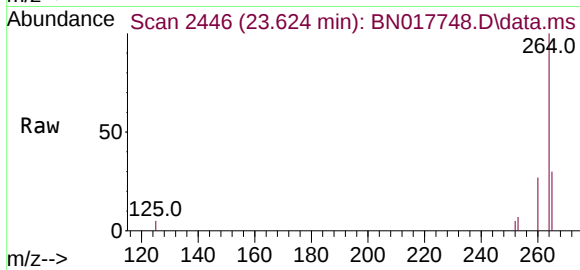
Acq: 07 Dec 2021 03:10

Instrument :

BNA_N

ClientSampleId :

MW-1



Tgt Ion:264 Resp: 146973

Ion Ratio Lower Upper

264 100

260 26.8 19.4 29.2

265 29.9 18.6 28.0#

