

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017747.D
 Acq On : 07 Dec 2021 02:34
 Operator : CG/JU
 Sample : M4917-11RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

Quant Time: Dec 07 06:53:20 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)

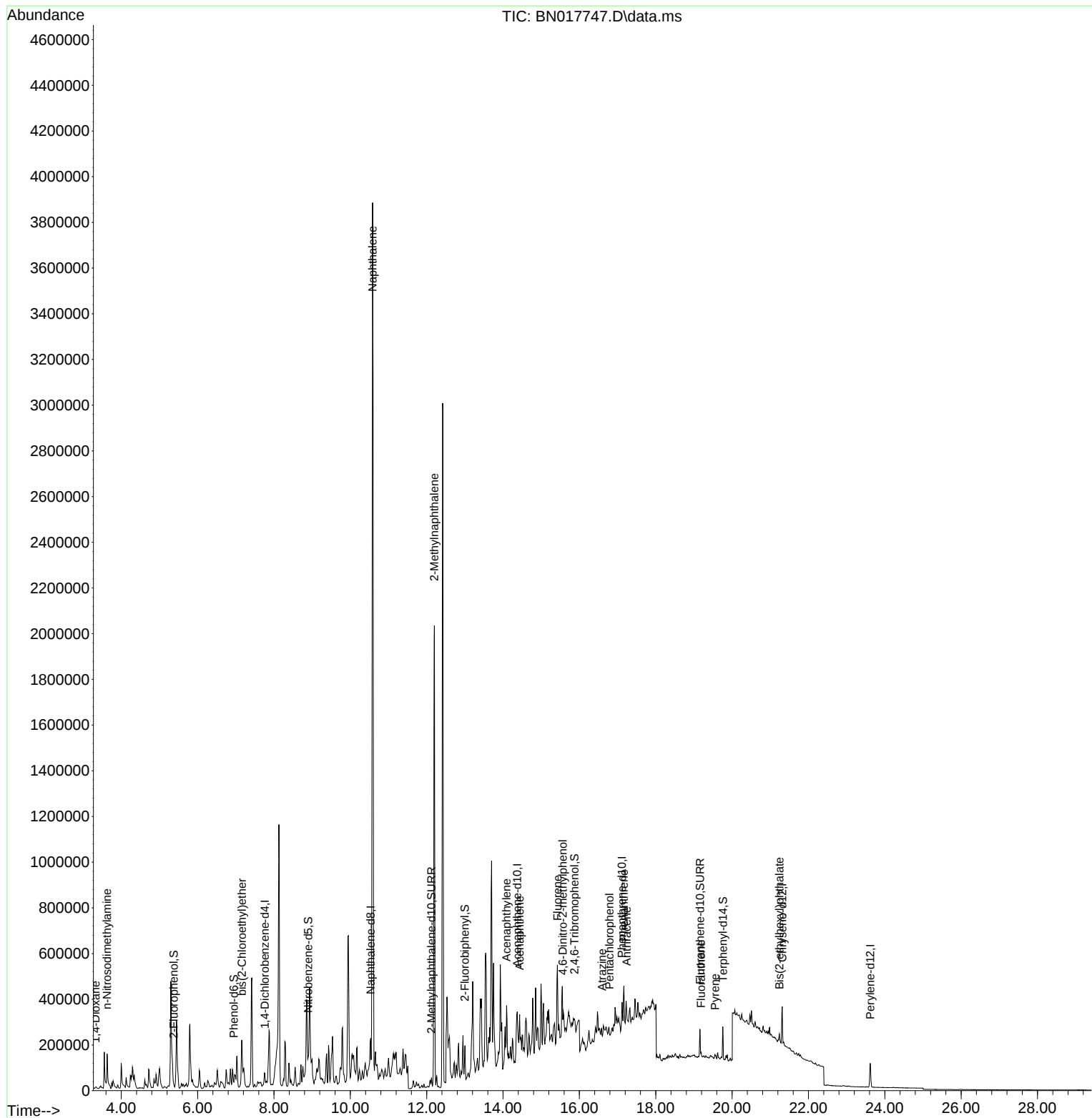
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	24308	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	99714	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	119217	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	130701	0.400	ng	# 0.00
29) Chrysene-d12	21.314	240	179840	0.400	ng	# 0.01
35) Perylene-d12	23.620	264	143909	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	18174	0.349	ng	0.02
5) Phenol-d6	6.949	99	5933	0.106	ng	0.02
8) Nitrobenzene-d5	8.897	82	125000	1.855	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	55534	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	17733	0.375	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	107290	0.243	ng	0.00
27) Fluoranthene-d10	19.159	212	151500	0.344	ng	0.00
31) Terphenyl-d14	19.760	244	145761	0.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	909	0.056	ng	# 1
3) n-Nitrosodimethylamine	3.630	42	17621	0.766	ng	# 1
6) bis(2-Chloroethyl)ether	7.162	93	16525	0.271	ng	# 1
9) Naphthalene	10.583	128	5261460	21.280	ng	99
12) 2-Methylnaphthalene	12.201	142	1473315	8.686	ng	97
16) Acenaphthylene	14.093	152	37150	0.081	ng	# 1
17) Acenaphthene	14.436	154	83233	0.269	ng	# 75
18) Fluorene	15.426	166	142701	0.359	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.565	198	13239	2.265	ng	# 1
23) Atrazine	16.593	200	6474	0.192	ng	# 1
24) Pentachlorophenol	16.788	266	1789	0.251	ng	94
25) Phenanthrene	17.165	178	171606	0.498	ng	# 81
26) Anthracene	17.238	178	24538	0.082	ng	# 1
28) Fluoranthene	19.189	202	23882	0.057	ng	# 85
30) Pyrene	19.551	202	20582	0.030	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.240	149	30764	0.108	ng	# 65

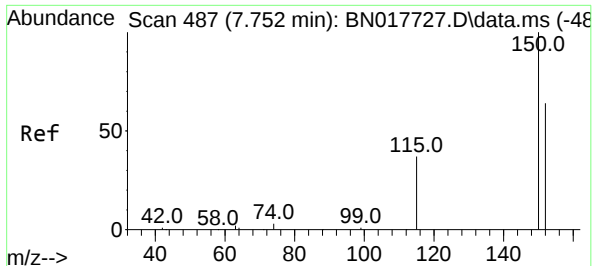
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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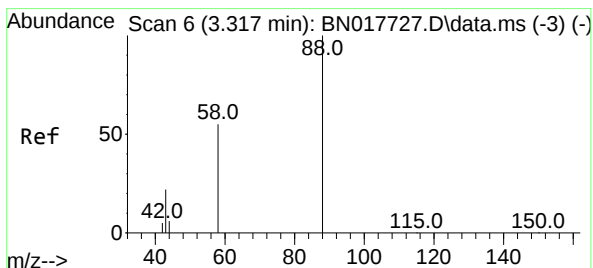
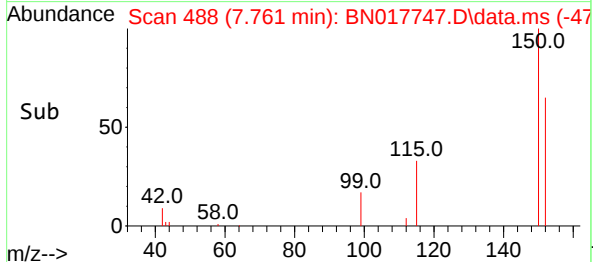
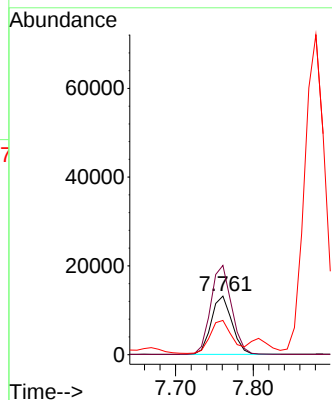
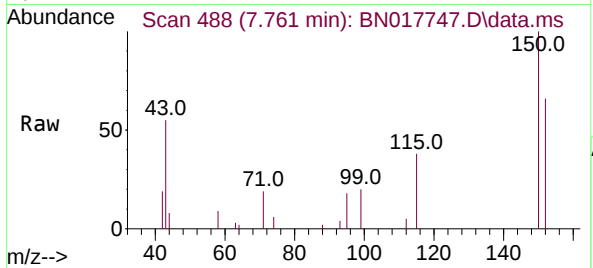




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

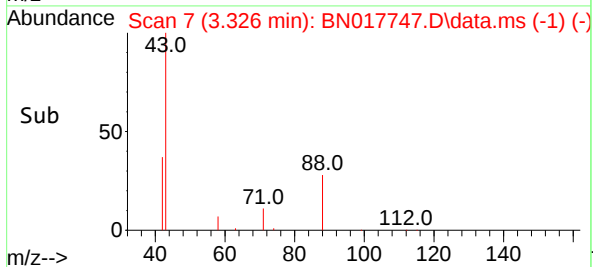
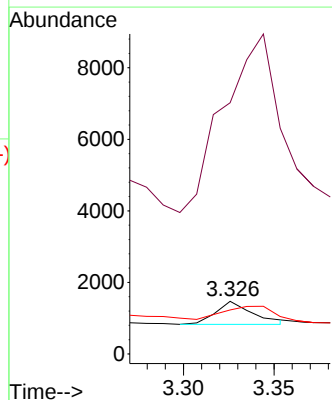
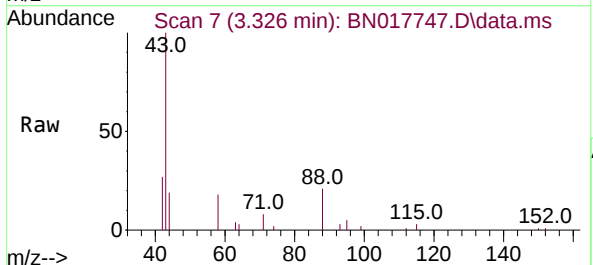
Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

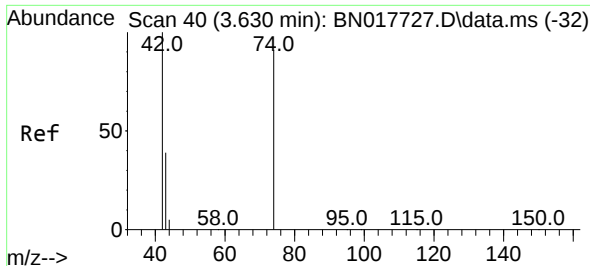
Tgt Ion:152 Resp: 24308
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.0 184.4
 115 58.4 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion: 88 Resp: 909
 Ion Ratio Lower Upper
 88 100
 43 1091.5 24.7 37.1#
 58 73.4 63.0 94.6

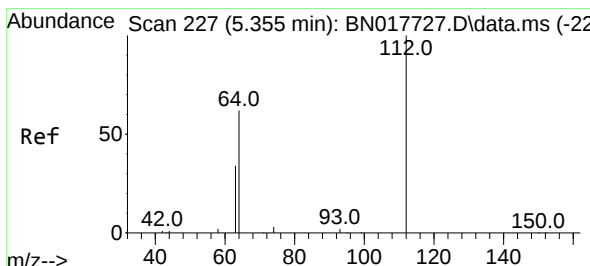
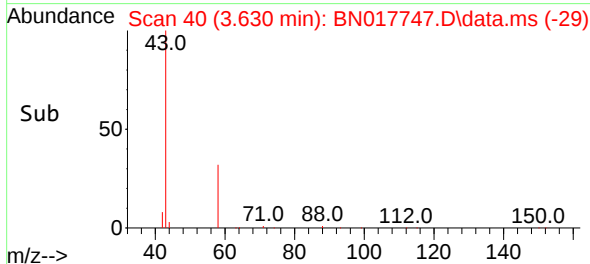
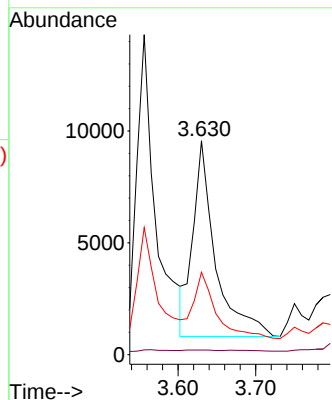
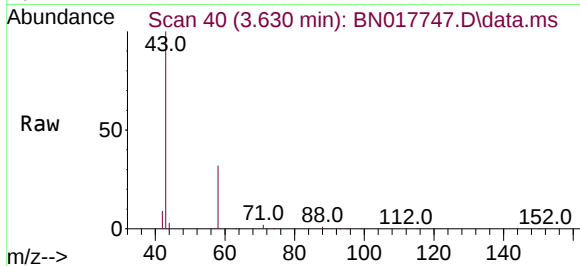




#3
n-Nitrosodimethylamine
Concen: 0.766 ng
RT: 3.630 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

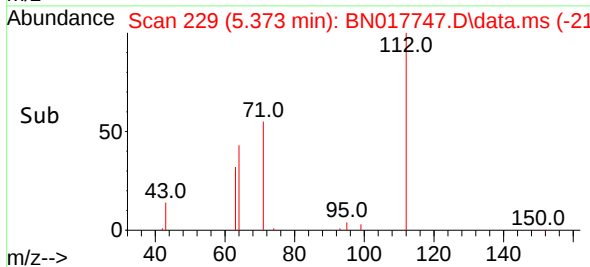
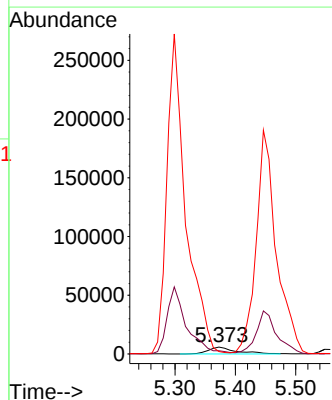
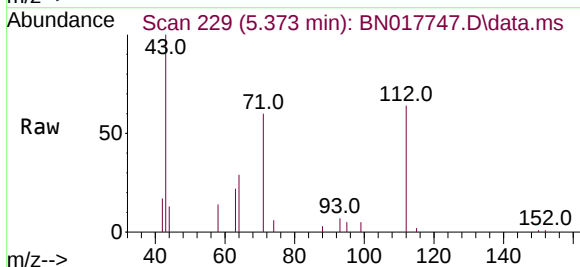
Instrument :
BNA_N
ClientSampleId :
MW-27RE

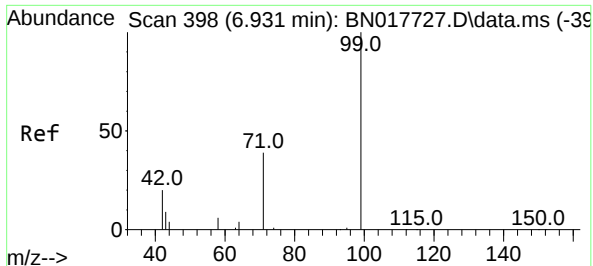
Tgt Ion: 42 Resp: 17621
Ion Ratio Lower Upper
42 100
74 0.5 97.8 146.6#
44 35.0 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.373 min Scan# 229
Delta R.T. 0.018 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion: 112 Resp: 18174
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.949 min Scan# 40

Delta R.T. 0.018 min

Lab File: BN017747.D

Acq: 07 Dec 2021 02:34

Instrument :

BNA_N

ClientSampleId :

MW-27RE

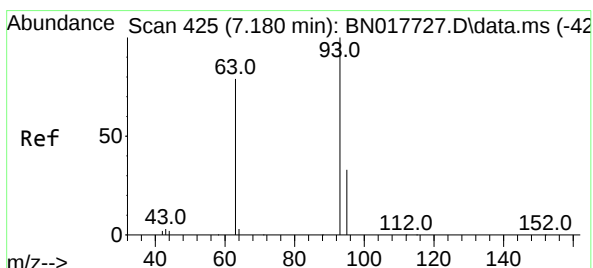
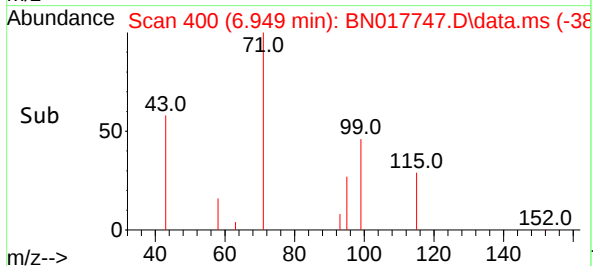
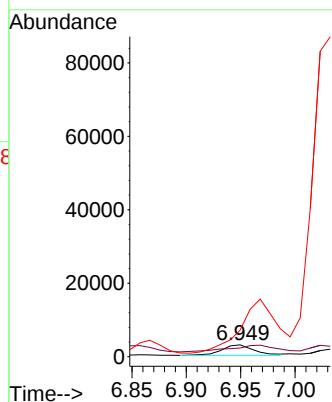
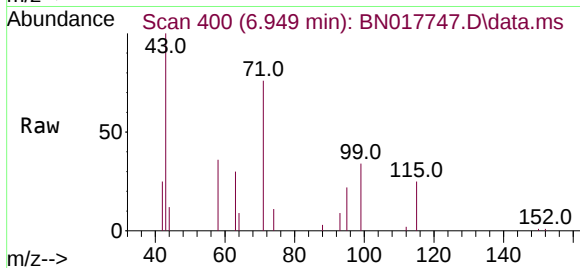
Tgt Ion: 99 Resp: 5933

Ion Ratio Lower Upper

99 100

42 89.9 17.0 25.6#

71 578.7 24.8 37.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.271 ng

RT: 7.162 min Scan# 423

Delta R.T. -0.019 min

Lab File: BN017747.D

Acq: 07 Dec 2021 02:34

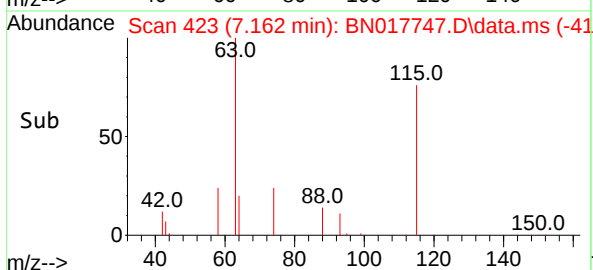
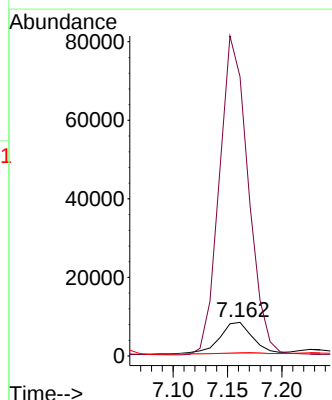
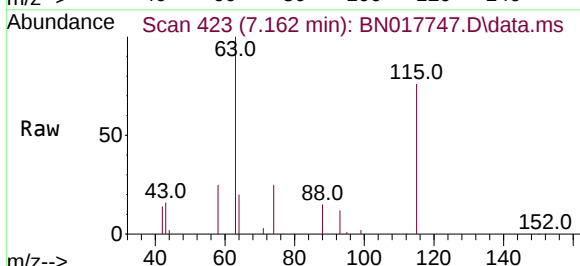
Tgt Ion: 93 Resp: 16525

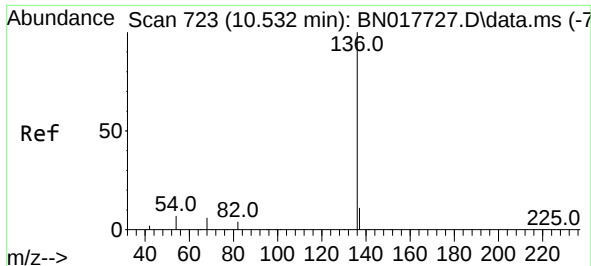
Ion Ratio Lower Upper

93 100

63 911.6 65.8 98.6#

95 4.7 26.6 39.8#

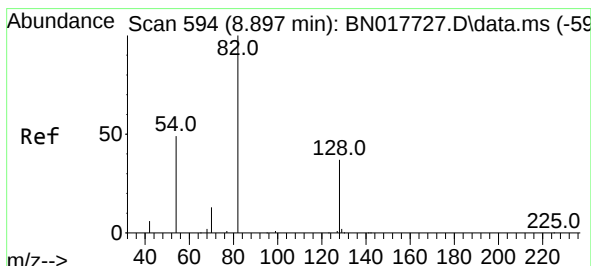
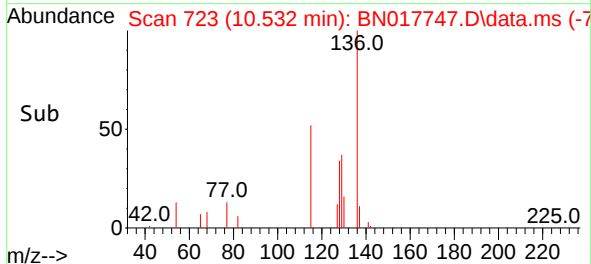
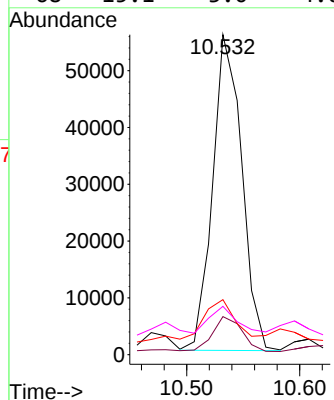
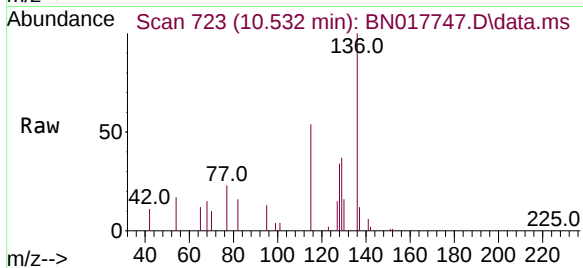




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

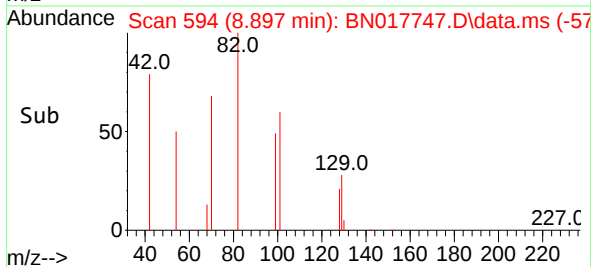
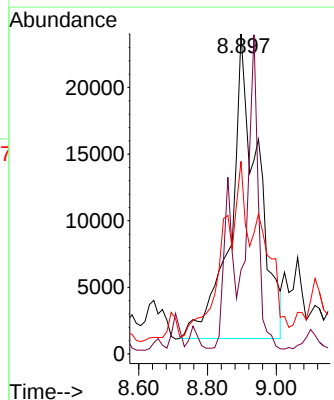
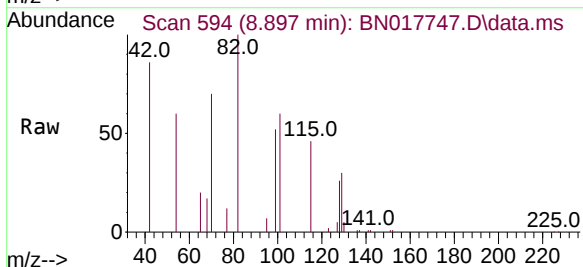
Instrument :
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ClientSampleId :
MW-27RE

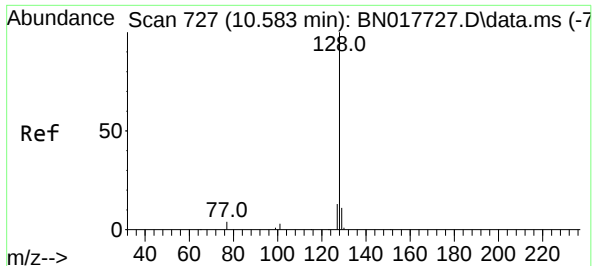
Tgt Ion:	136	Resp:	99714
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.8	13.2
54	17.2	4.0	6.0#
68	15.1	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 1.855 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:	82	Resp:	125000
Ion Ratio	Lower	Upper	
82	100		
128	26.3	27.7	41.5#
54	60.2	49.2	73.8





#9
Naphthalene
Concen: 21.280 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

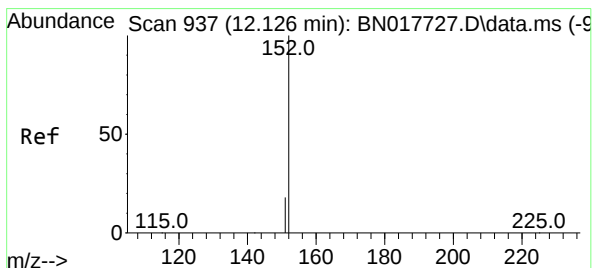
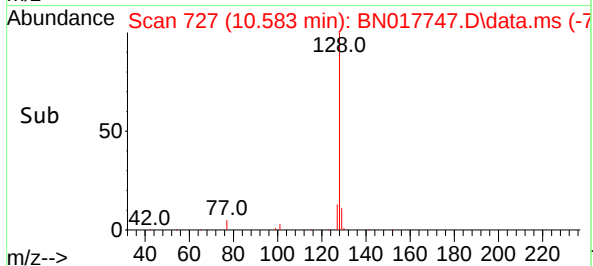
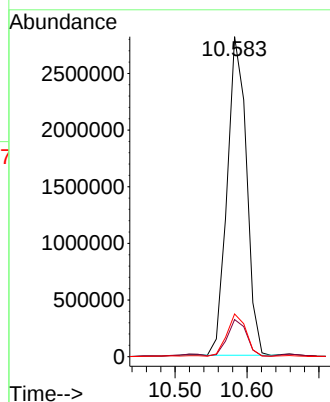
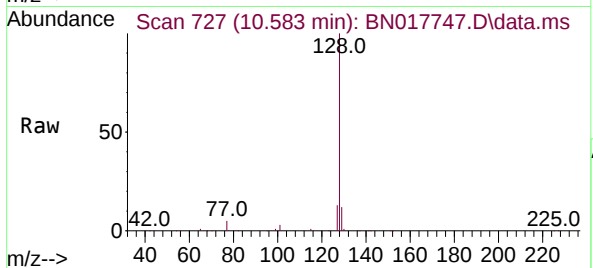
Instrument :

BNA_N

ClientSampleId :

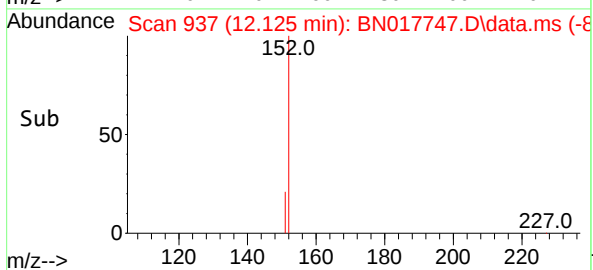
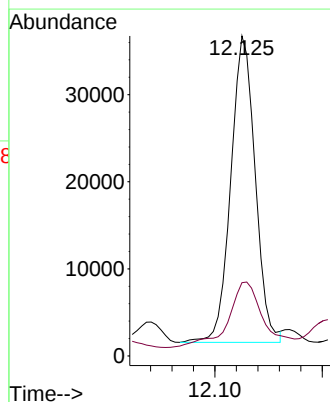
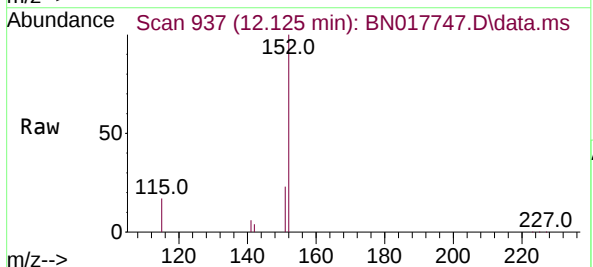
MW-27RE

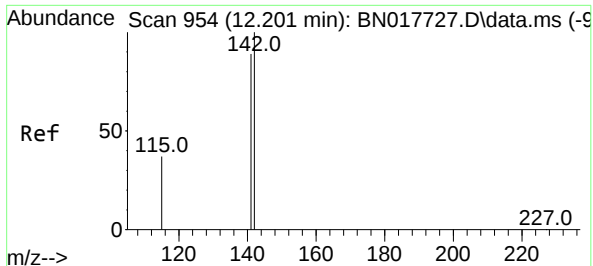
Tgt Ion:128 Resp: 5261460
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.3 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.125 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:152 Resp: 55534
Ion Ratio Lower Upper
152 100
151 30.6 16.2 24.4#





#12

2-Methylnaphthalene

Concen: 8.686 ng

RT: 12.201 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017747.D

Acq: 07 Dec 2021 02:34

Instrument :

BNA_N

ClientSampleId :

MW-27RE

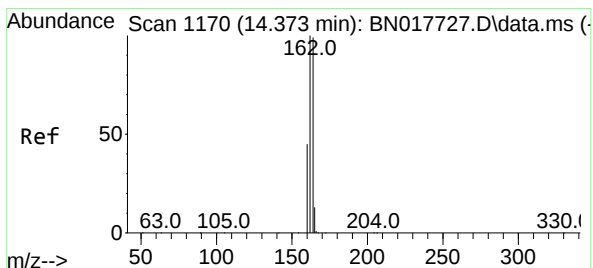
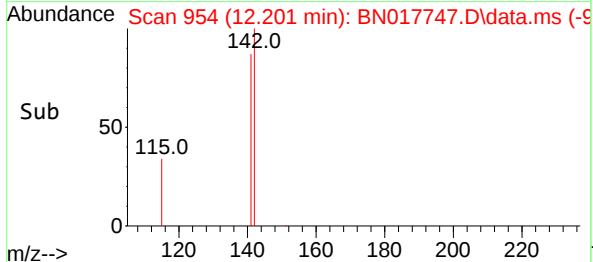
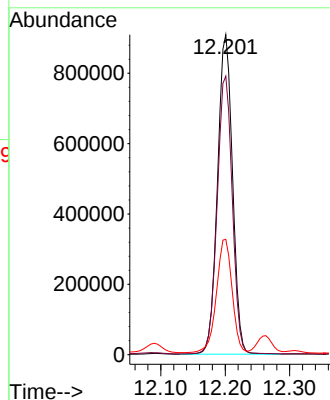
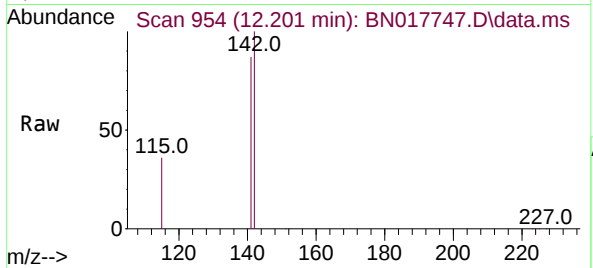
Tgt Ion:142 Resp: 1473315

Ion Ratio Lower Upper

142 100

141 87.0 70.6 106.0

115 36.0 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: BN017747.D

Acq: 07 Dec 2021 02:34

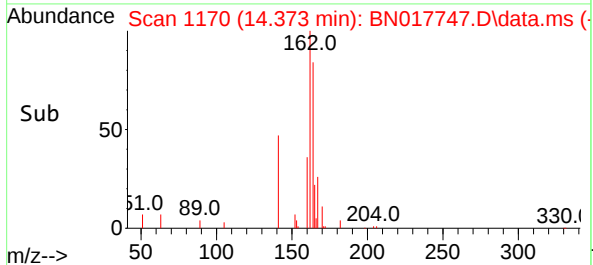
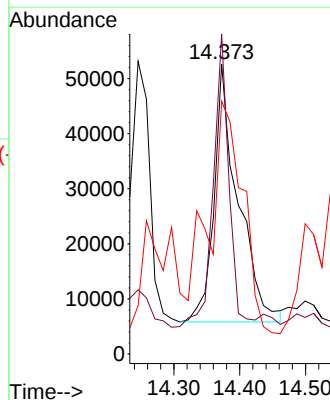
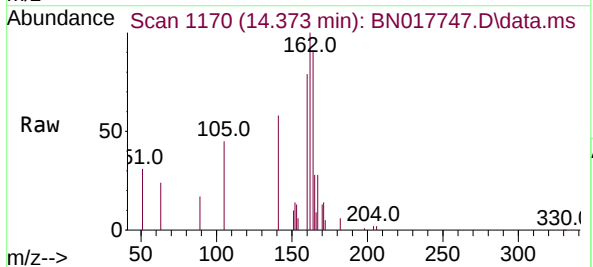
Tgt Ion:164 Resp: 119217

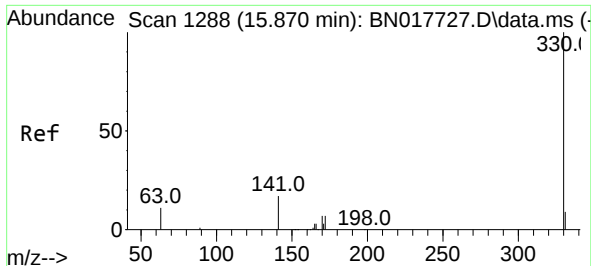
Ion Ratio Lower Upper

164 100

162 110.4 81.4 122.2

160 87.2 36.8 55.2#

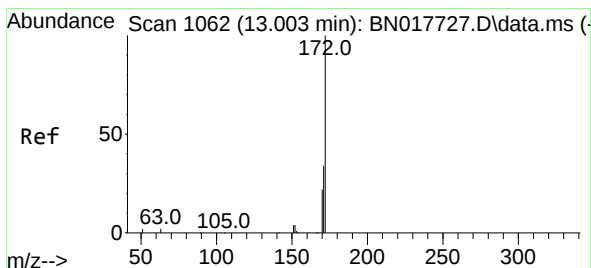
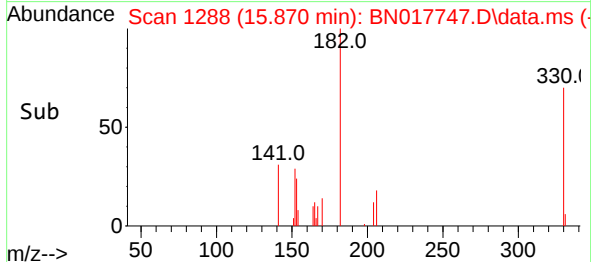
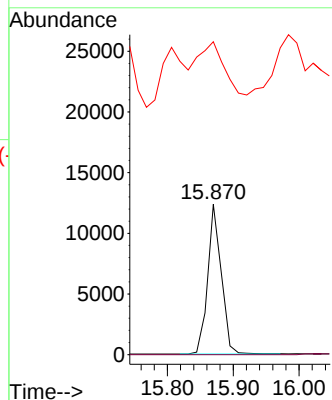
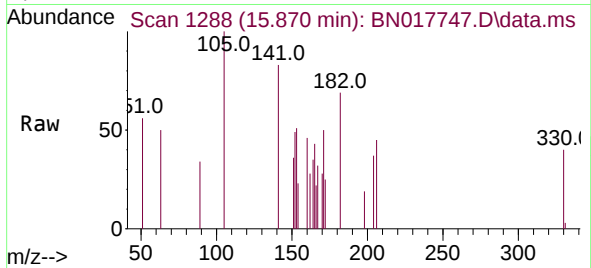




#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

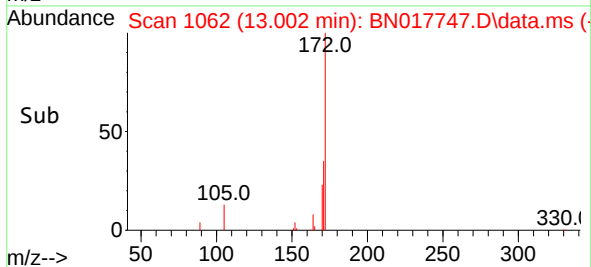
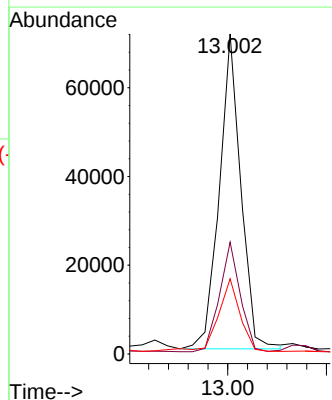
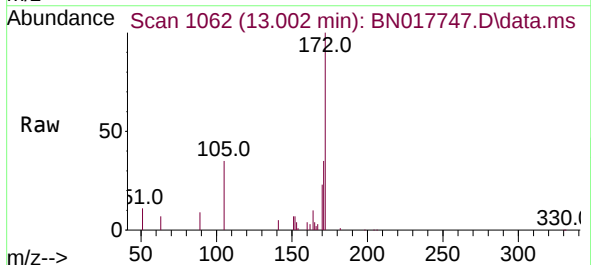
Instrument :
BNA_N
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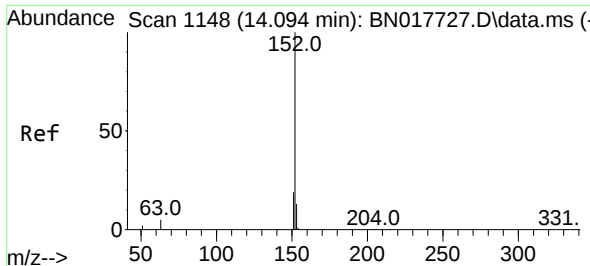
Tgt Ion:330 Resp: 17733
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 65.7 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.002 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:172 Resp: 107290
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.5 19.4 29.2

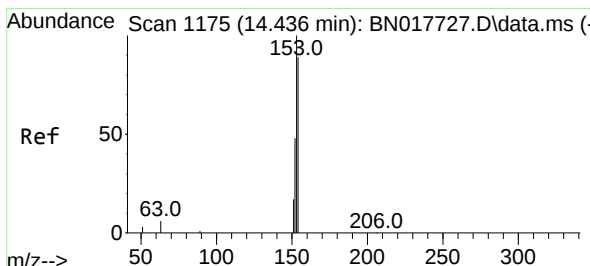
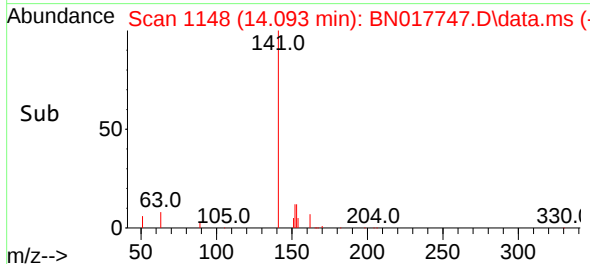
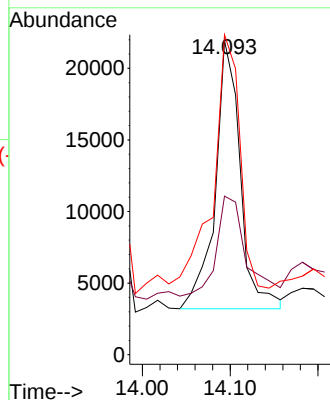
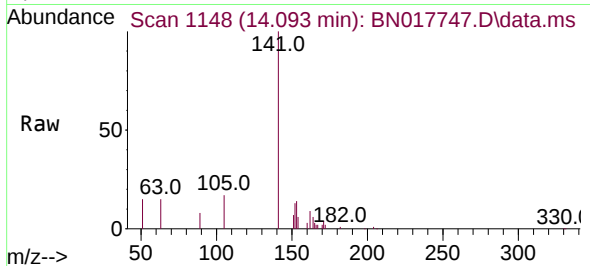




#16
Acenaphthylene
Concen: 0.081 ng
RT: 14.093 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

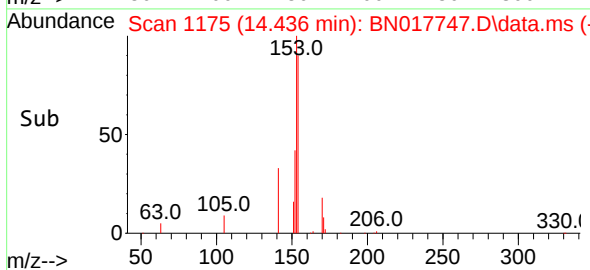
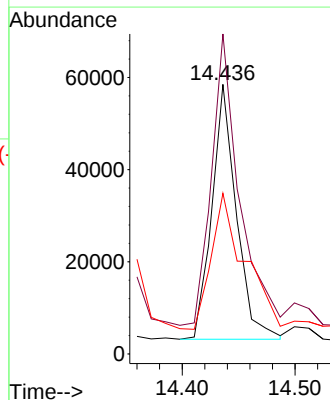
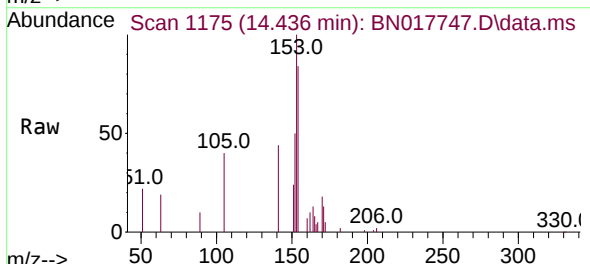
Instrument :
BNA_N
ClientSampleId :
MW-27RE

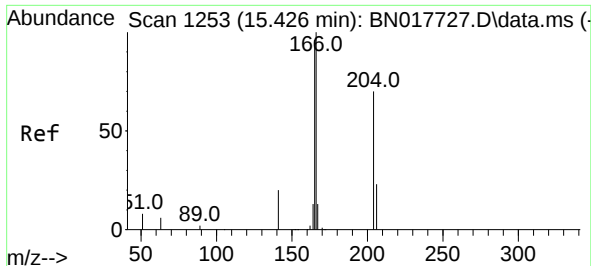
Tgt Ion:152 Resp: 37150
Ion Ratio Lower Upper
152 100
151 43.7 15.5 23.3#
153 101.4 10.4 15.6#



#17
Acenaphthene
Concen: 0.269 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:154 Resp: 83233
Ion Ratio Lower Upper
154 100
153 137.6 91.2 136.8#
152 78.1 44.3 66.5#

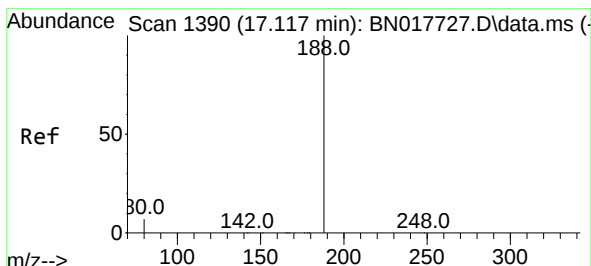
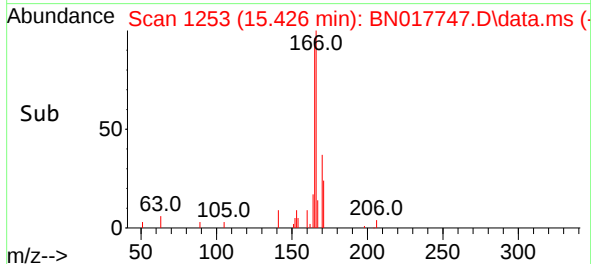
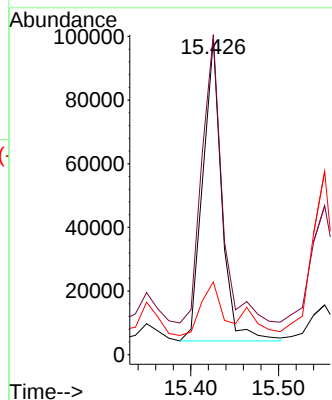
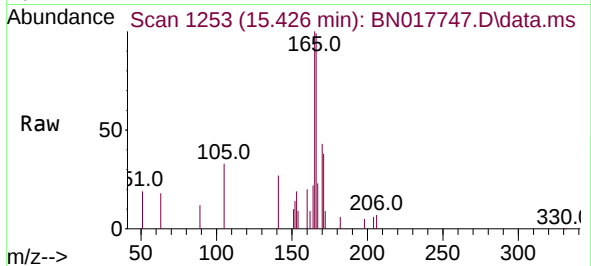




#18
 Fluorene
 Concen: 0.359 ng
 RT: 15.426 min Scan# 1253
 Delta R.T. -0.000 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

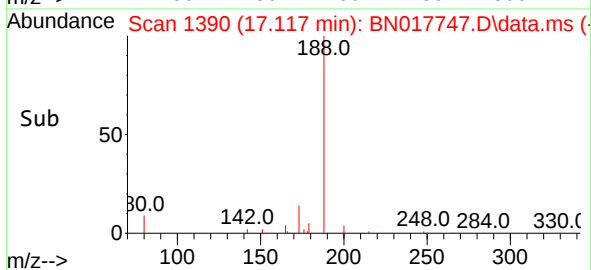
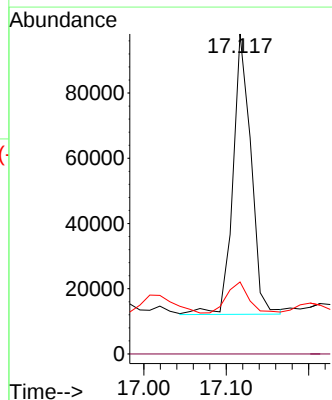
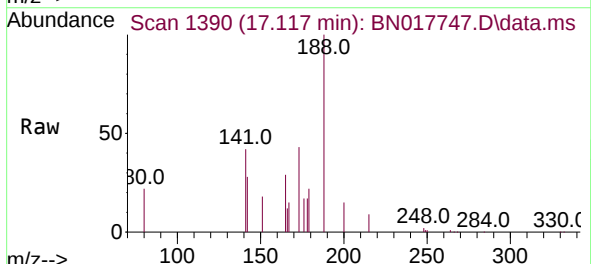
Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

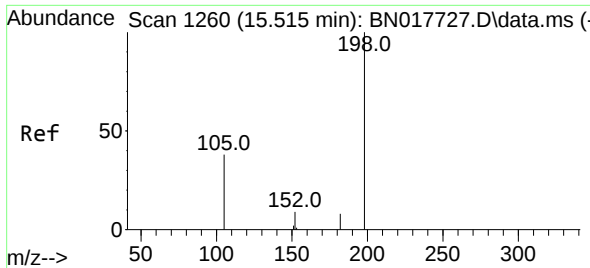
Tgt Ion:166 Resp: 142701
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.9 116.9
 167 19.8 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.117 min Scan# 1390
 Delta R.T. -0.000 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion:188 Resp: 130701
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 22.5 6.1 9.1#

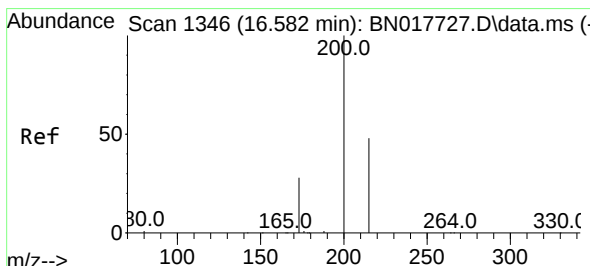
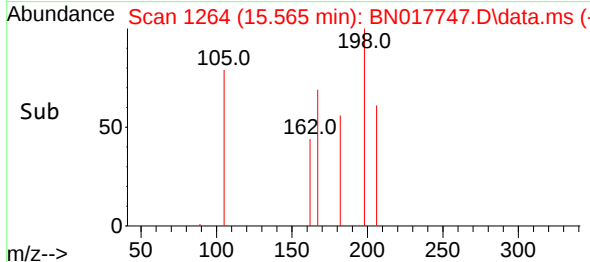
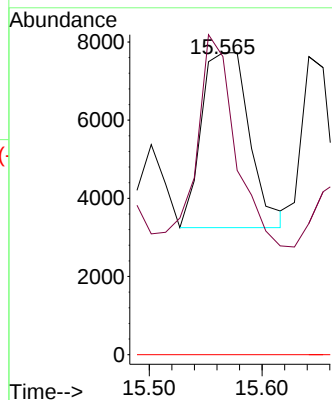
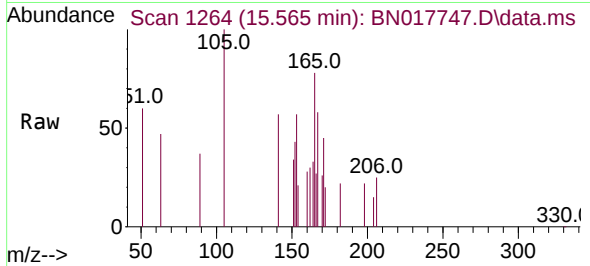




#20
4,6-Dinitro-2-methylphenol
Concen: 2.265 ng
RT: 15.565 min Scan# 11
Delta R.T. 0.050 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

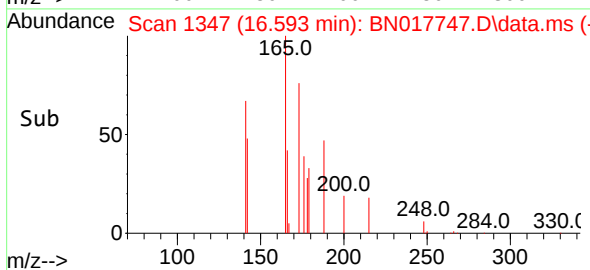
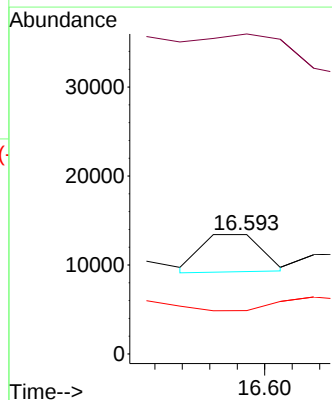
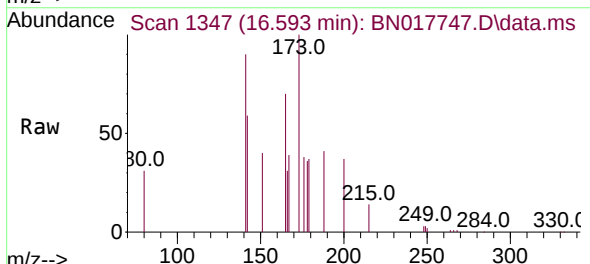
Instrument :
BNA_N
ClientSampleId :
MW-27RE

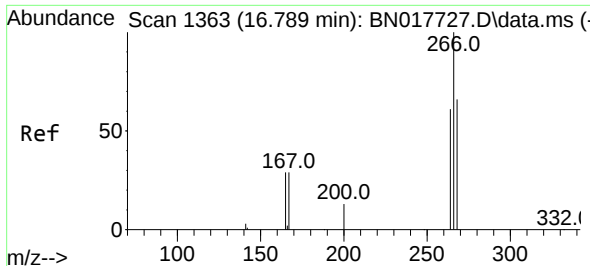
Tgt Ion:198 Resp: 13239
Ion Ratio Lower Upper
198 100
182 98.8 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.192 ng
RT: 16.593 min Scan# 1347
Delta R.T. 0.011 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:200 Resp: 6474
Ion Ratio Lower Upper
200 100
173 267.9 17.6 26.4#
215 36.4 40.2 60.4#

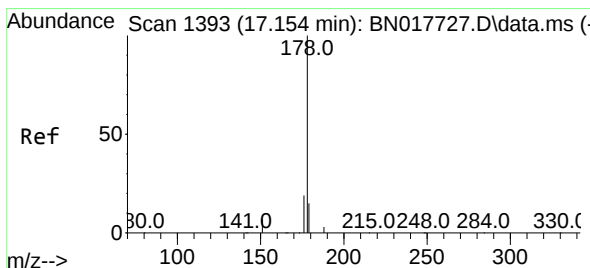
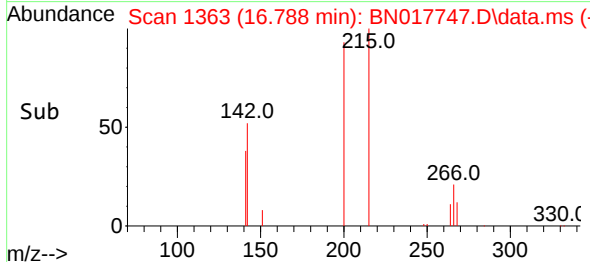
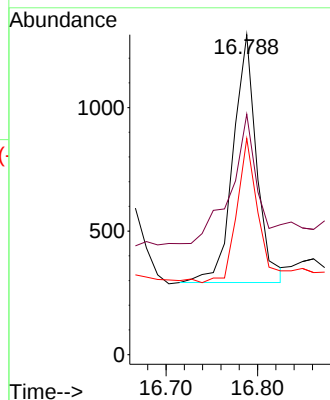
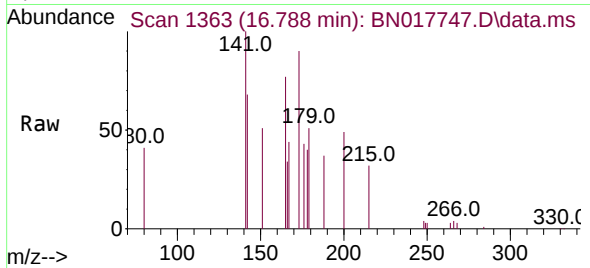




#24
 Pentachlorophenol
 Concen: 0.251 ng
 RT: 16.788 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

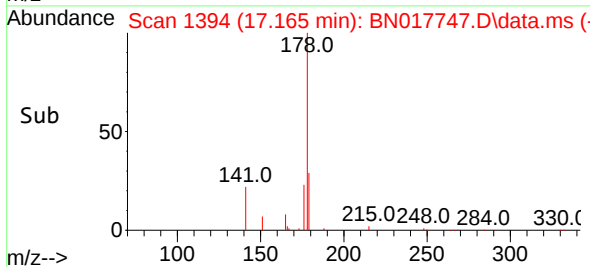
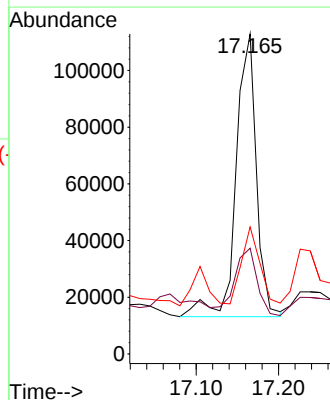
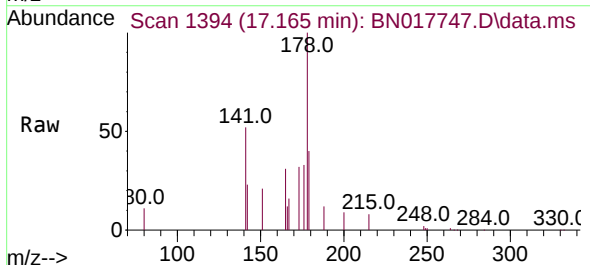
Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

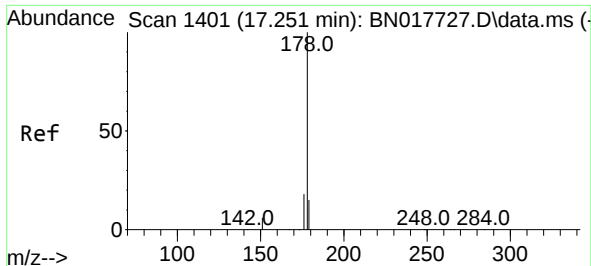
Tgt Ion:266 Resp: 1789
 Ion Ratio Lower Upper
 266 100
 264 59.0 49.8 74.8
 268 58.1 51.3 76.9



#25
 Phenanthrene
 Concen: 0.498 ng
 RT: 17.165 min Scan# 1394
 Delta R.T. 0.012 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion:178 Resp: 171606
 Ion Ratio Lower Upper
 178 100
 176 26.8 15.0 22.6#
 179 24.0 12.3 18.5#

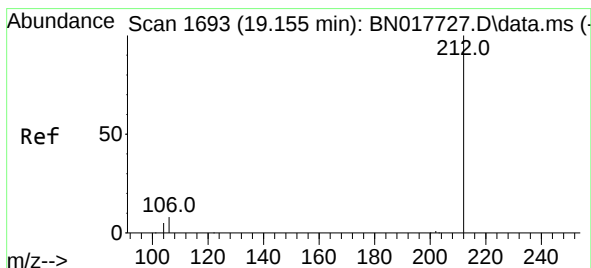
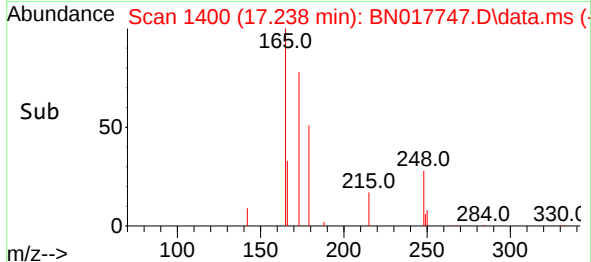
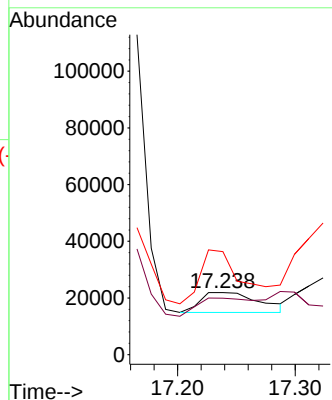
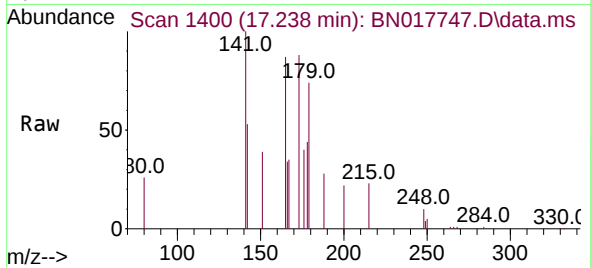




#26
 Anthracene
 Concen: 0.082 ng
 RT: 17.238 min Scan# 1401
 Delta R.T. -0.013 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

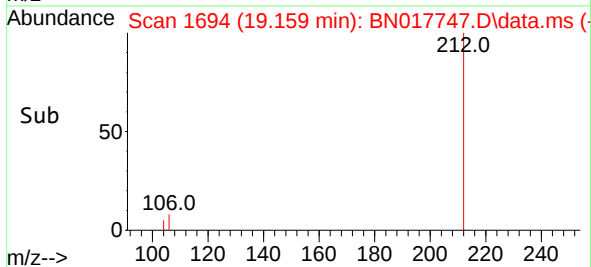
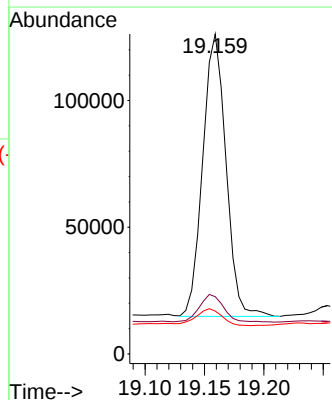
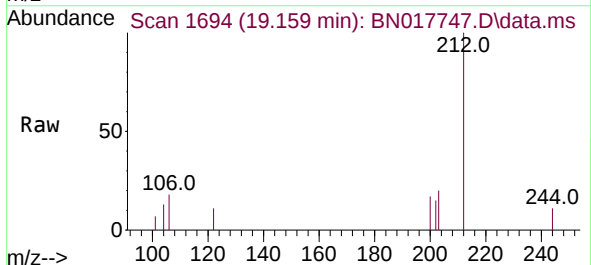
Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

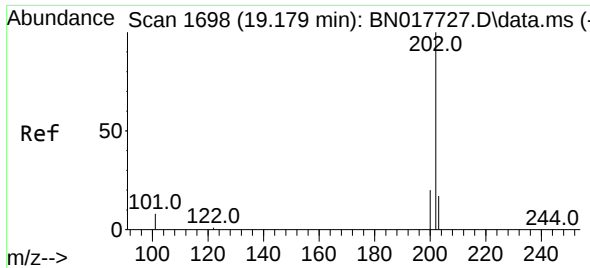
Tgt Ion:178 Resp: 24538
 Ion Ratio Lower Upper
 178 100
 176 83.0 14.6 22.0#
 179 185.9 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.344 ng
 RT: 19.159 min Scan# 1694
 Delta R.T. 0.005 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion:212 Resp: 151500
 Ion Ratio Lower Upper
 212 100
 106 10.1 10.5 15.7#
 104 8.2 5.8 8.6

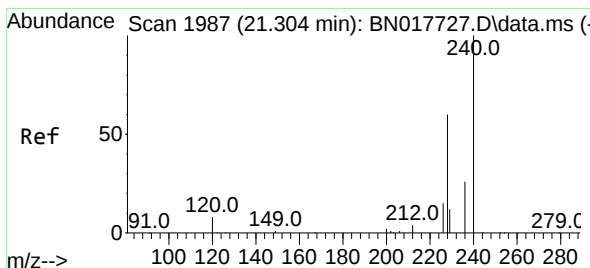
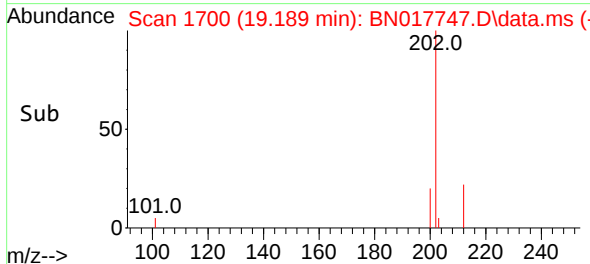
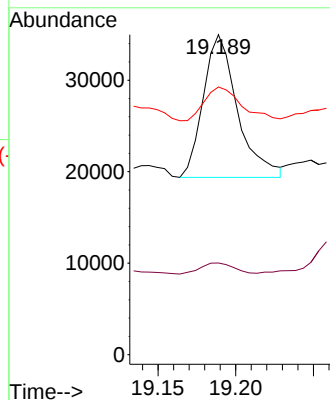
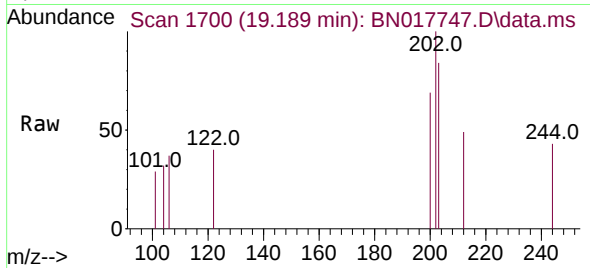




#28
Fluoranthene
Concen: 0.057 ng
RT: 19.189 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

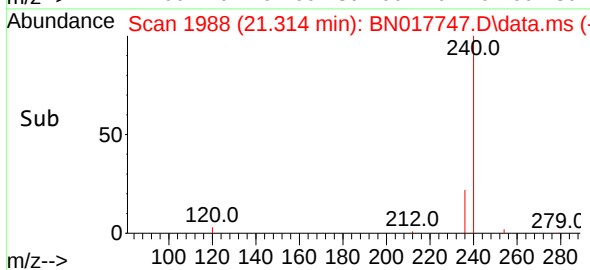
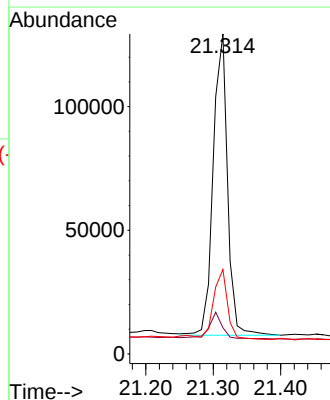
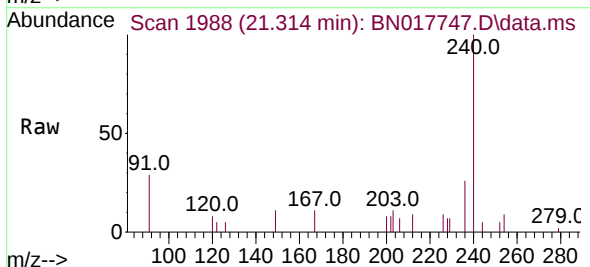
Instrument :
BNA_N
ClientSampleId :
MW-27RE

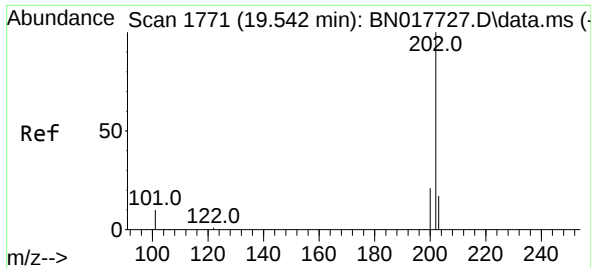
Tgt Ion:202 Resp: 23882
Ion Ratio Lower Upper
202 100
101 7.5 8.9 13.3#
203 25.3 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017747.D
Acq: 07 Dec 2021 02:34

Tgt Ion:240 Resp: 179840
Ion Ratio Lower Upper
240 100
120 8.2 4.2 6.2#
236 26.4 20.0 30.0

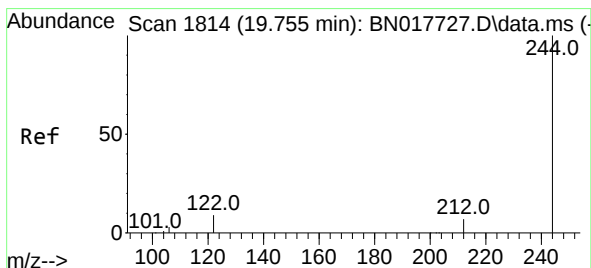
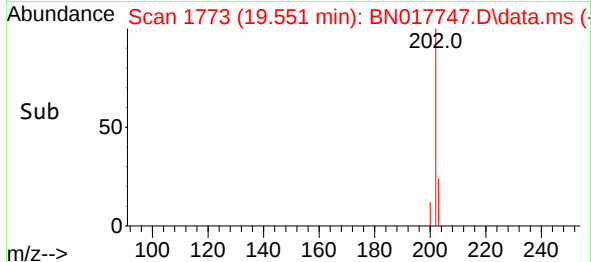
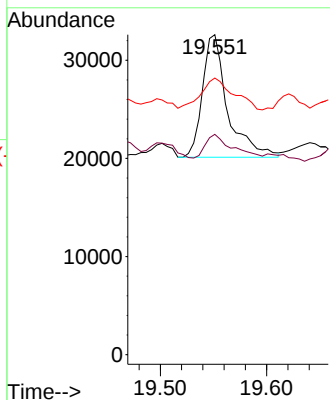
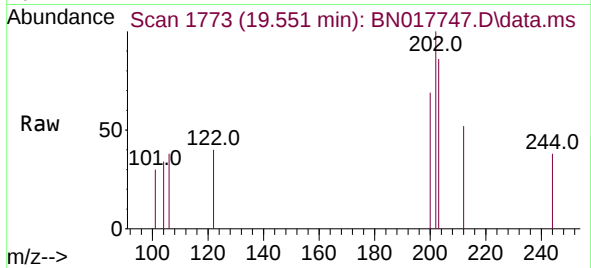




#30
 Pyrene
 Concen: 0.030 ng
 RT: 19.551 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

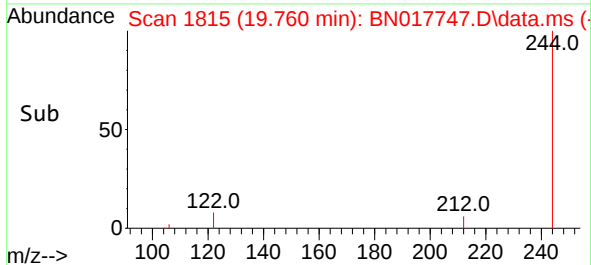
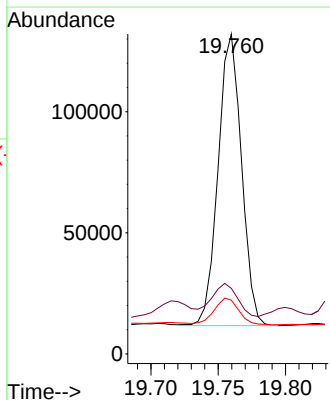
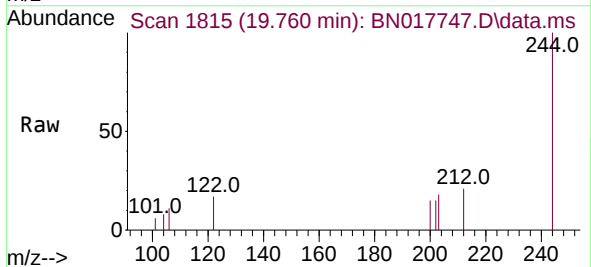
Instrument :
 BNA_N
 ClientSampleId :
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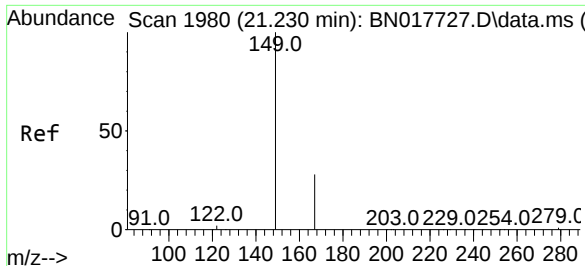
Tgt Ion:202 Resp: 20582
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.5 24.7
 203 33.3 14.0 21.0#



#31
 Terphenyl-d14
 Concen: 0.316 ng
 RT: 19.760 min Scan# 1815
 Delta R.T. 0.005 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion:244 Resp: 145761
 Ion Ratio Lower Upper
 244 100
 212 20.5 5.7 8.5#
 122 16.8 8.6 13.0#

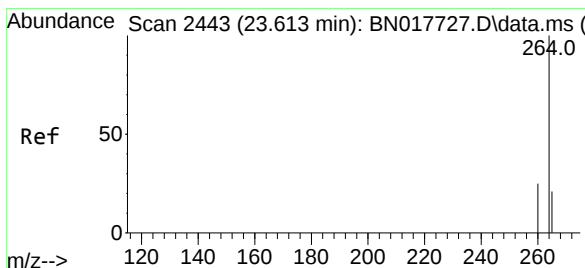
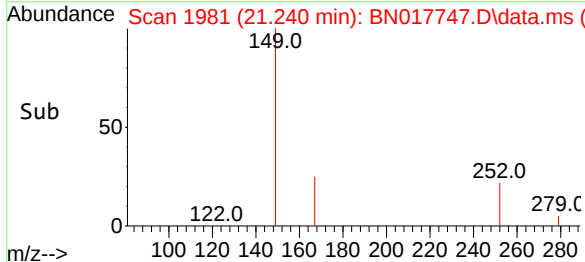
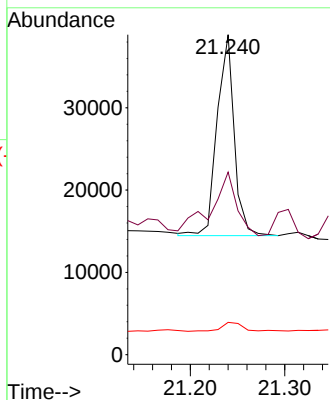
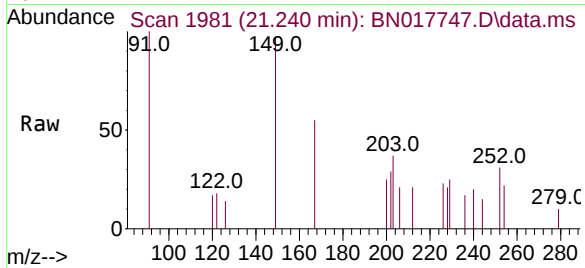




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.010 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Instrument :
 BNA_N
 ClientSampleId :
 MW-27RE

Tgt Ion:149 Resp: 30764
 Ion Ratio Lower Upper
 149 100
 167 48.2 21.8 32.6#
 279 5.5 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.620 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BN017747.D
 Acq: 07 Dec 2021 02:34

Tgt Ion:264 Resp: 143909
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.4 29.2
 265 27.0 18.6 28.0

