

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017742.D
 Acq On : 06 Dec 2021 21:44
 Operator : CG/JU
 Sample : M4917-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

Quant Time: Dec 07 06:52:45 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)

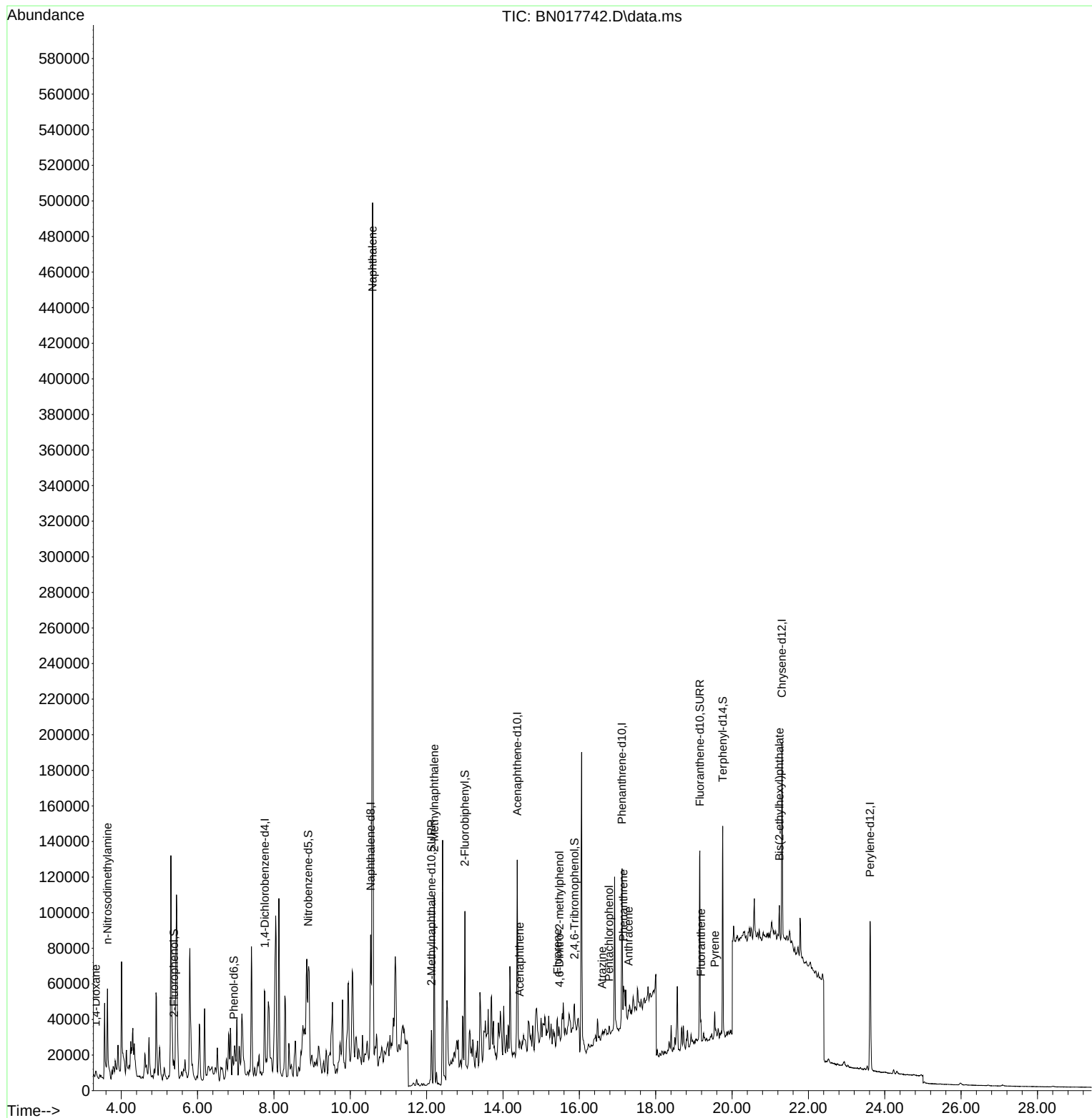
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	20946	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	86494	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	58836	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	117113	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	114878	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	113946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	9406	0.209	ng	0.03
5) Phenol-d6	6.950	99	4733	0.098	ng	0.02
8) Nitrobenzene-d5	8.897	82	40685	0.696	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	42503	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	15478	0.556	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	75195	0.345	ng	0.00
27) Fluoranthene-d10	19.154	212	129730	0.329	ng	0.00
31) Terphenyl-d14	19.755	244	123560	0.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	448	0.032	ng	# 19
3) n-Nitrosodimethylamine	3.640	42	5890	0.297	ng	# 1
9) Naphthalene	10.583	128	605371	2.823	ng	100
12) 2-Methylnaphthalene	12.197	142	74841	0.509	ng	# 95
17) Acenaphthene	14.436	154	3252	0.021	ng	# 76
18) Fluorene	15.426	166	8151	0.042	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.477	198	151	0.192	ng	# 1
23) Atrazine	16.594	200	3782	0.159	ng	# 15
24) Pentachlorophenol	16.776	266	1514	0.246	ng	95
25) Phenanthrene	17.154	178	25820	0.084	ng	# 81
26) Anthracene	17.287	178	10495	0.039	ng	# 61
28) Fluoranthene	19.184	202	11251	0.030	ng	# 94
30) Pyrene	19.547	202	19008	0.044	ng	99
34) Bis(2-ethylhexyl)phtha...	21.240	149	17927	0.099	ng	# 92

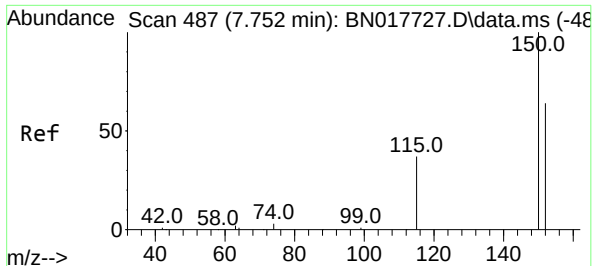
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017742.D
Acq On : 06 Dec 2021 21:44
Operator : CG/JU
Sample : M4917-13RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-29RE

Quant Time: Dec 07 06:52:45 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

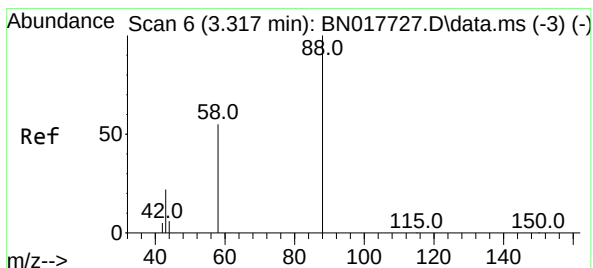
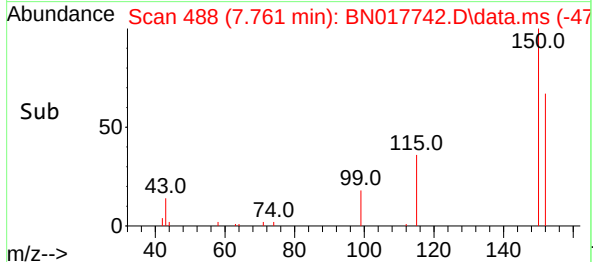
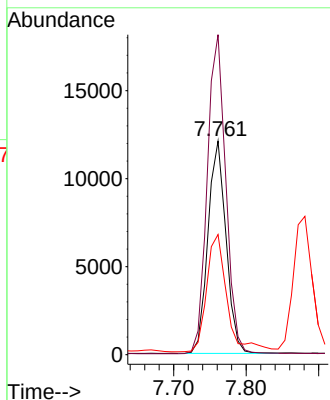
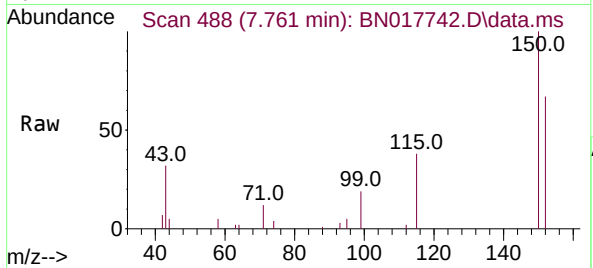




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

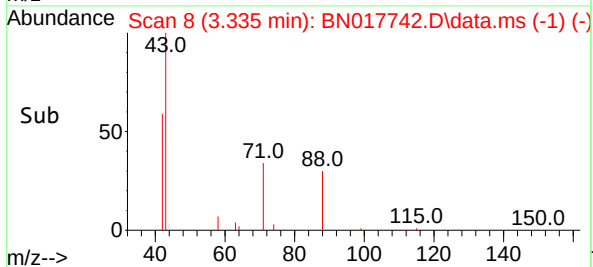
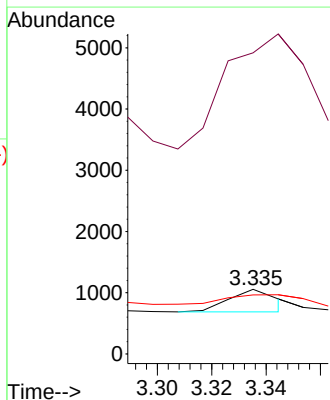
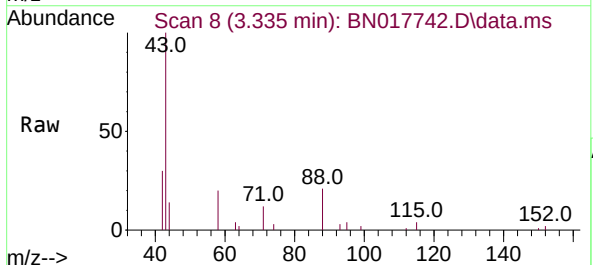
Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

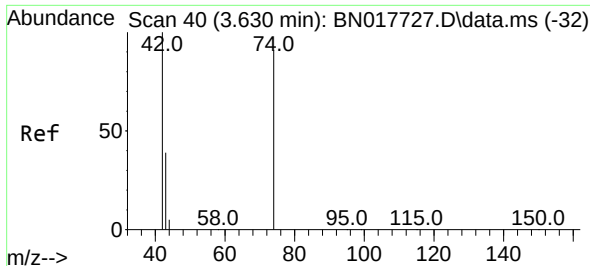
Tgt Ion:152 Resp: 20946
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.0 184.4
 115 56.3 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.335 min Scan# 8
 Delta R.T. 0.018 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion: 88 Resp: 448
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 0.0 63.0 94.6#

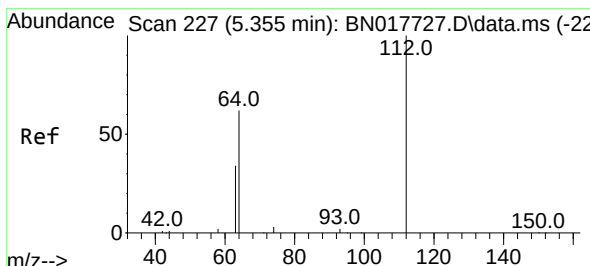
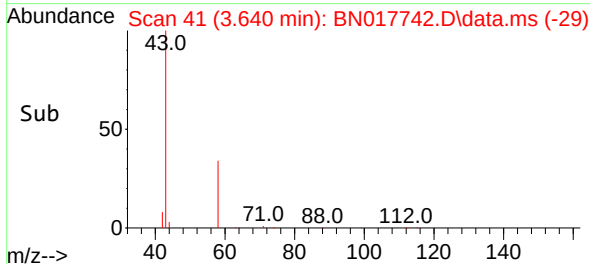
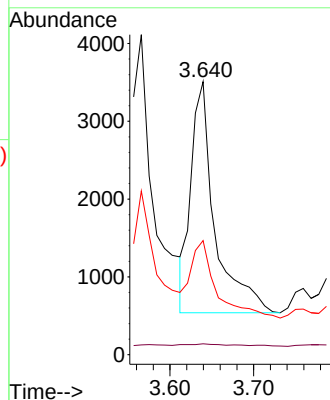
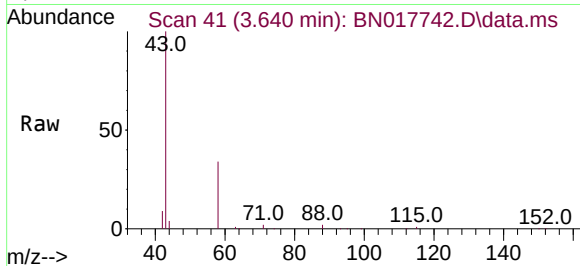




#3
n-Nitrosodimethylamine
Concen: 0.297 ng
RT: 3.640 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

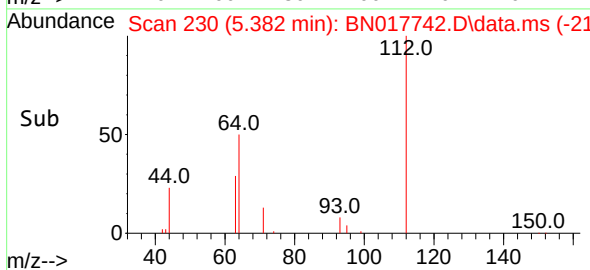
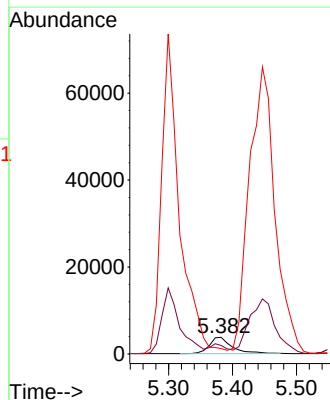
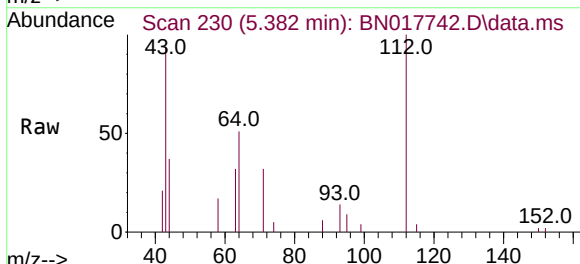
Instrument :
BNA_N
ClientSampleId :
MW-29RE

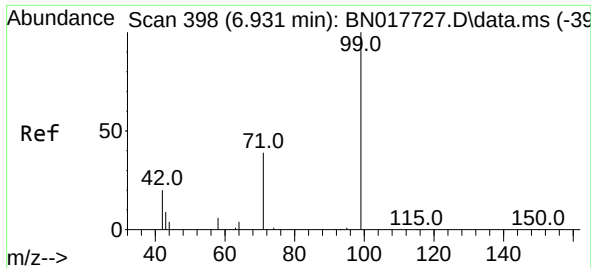
Tgt Ion: 42 Resp: 5890
Ion Ratio Lower Upper
42 100
74 1.8 97.8 146.6#
44 36.5 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.382 min Scan# 230
Delta R.T. 0.028 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion: 112 Resp: 9406
Ion Ratio Lower Upper
112 100
64 20.6 47.6 71.4#
63 0.0 24.6 37.0#

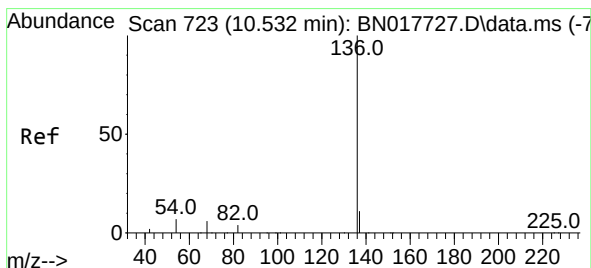
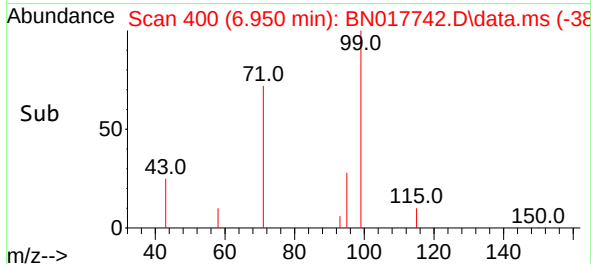
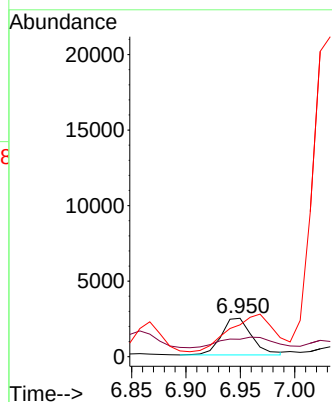
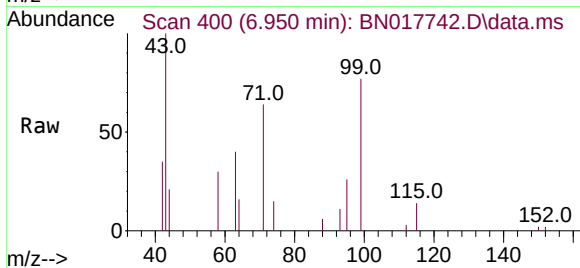




#5
Phenol-d6
Concen: 0.098 ng
RT: 6.950 min Scan# 40
Delta R.T. 0.018 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

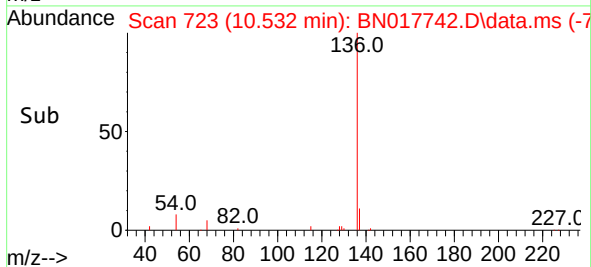
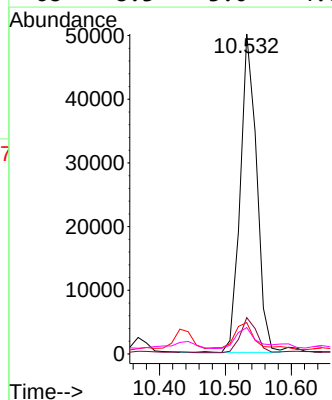
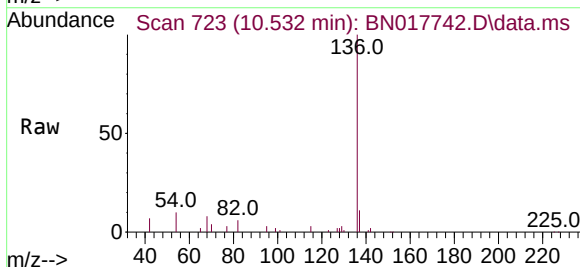
Instrument :
BNA_N
ClientSampleId :
MW-29RE

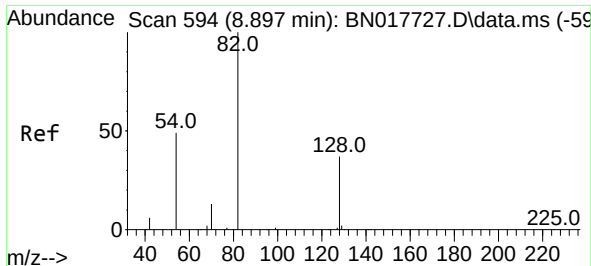
Tgt Ion: 99 Resp: 4733
Ion Ratio Lower Upper
99 100
42 47.6 17.0 25.6#
71 150.8 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion: 136 Resp: 86494
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.8 4.0 6.0#
68 8.3 3.0 4.6#

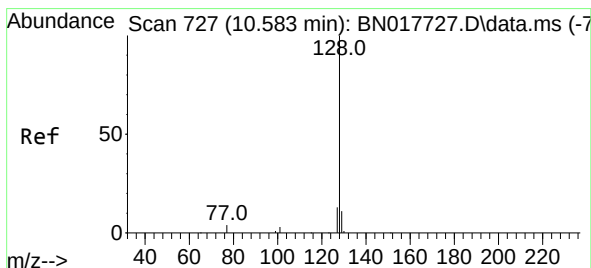
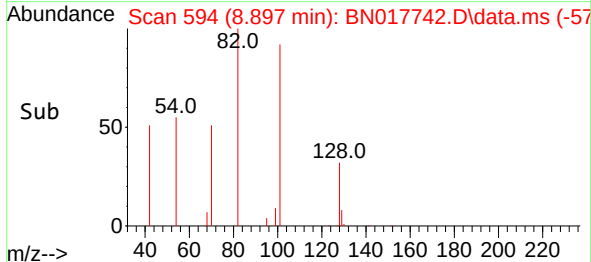
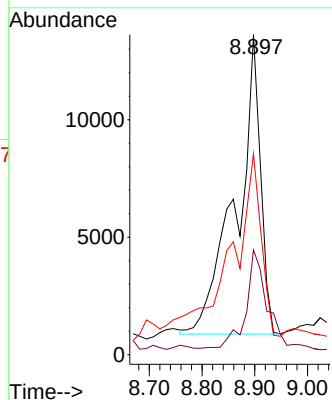
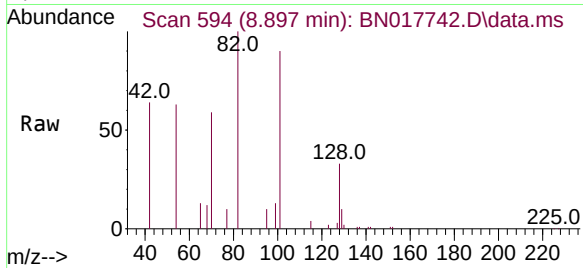




#8
Nitrobenzene-d5
Concen: 0.696 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

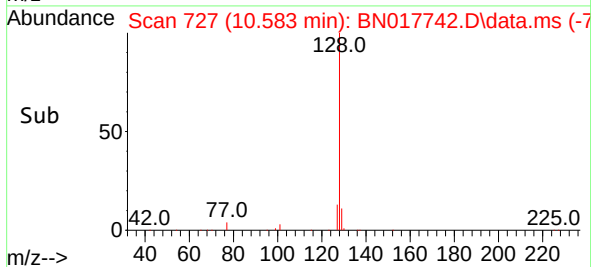
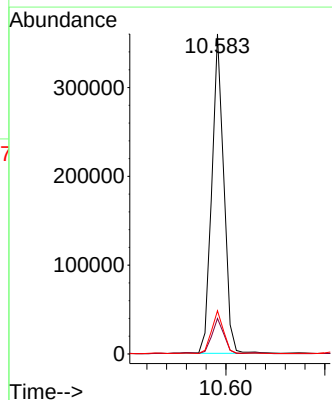
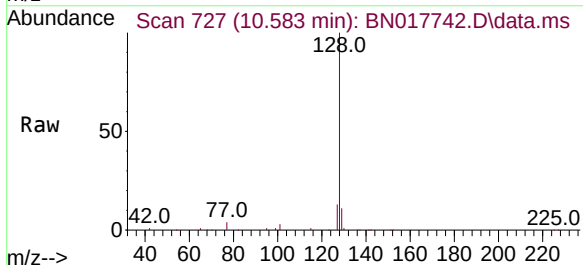
Instrument :
BNA_N
ClientSampleId :
MW-29RE

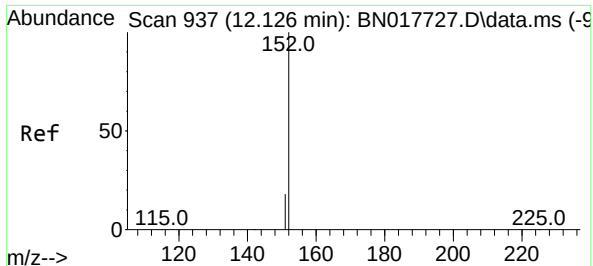
Tgt Ion: 82 Resp: 40685
Ion Ratio Lower Upper
82 100
128 32.7 27.7 41.5
54 62.8 49.2 73.8



#9
Naphthalene
Concen: 2.823 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion: 128 Resp: 605371
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.268 ng

RT: 12.125 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017742.D

Acq: 06 Dec 2021 21:44

Instrument :

BNA_N

ClientSampleId :

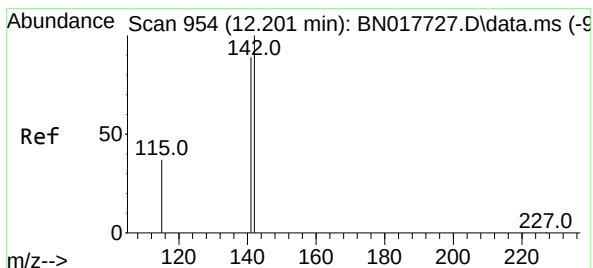
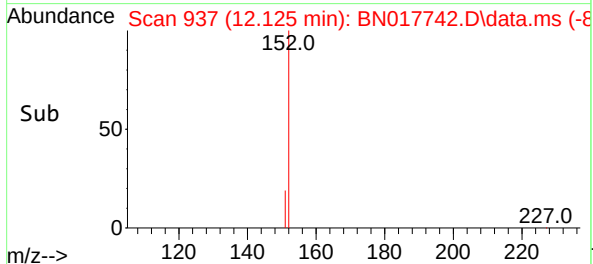
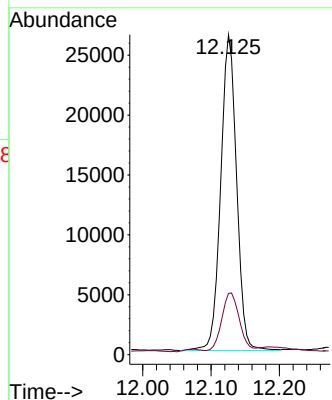
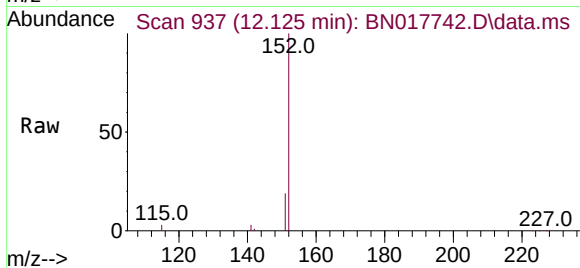
MW-29RE

Tgt Ion:152 Resp: 42503

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.509 ng

RT: 12.197 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017742.D

Acq: 06 Dec 2021 21:44

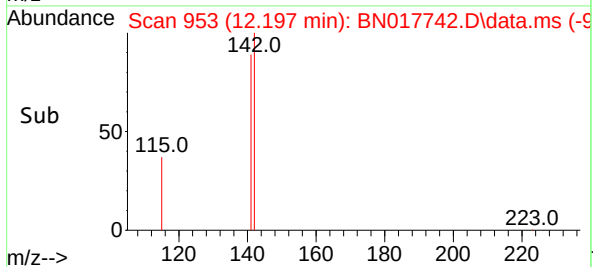
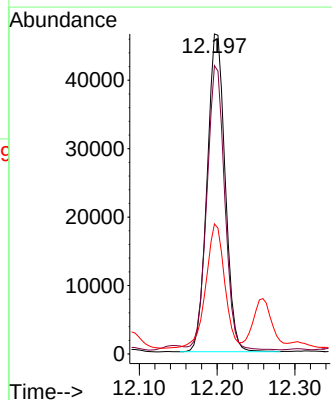
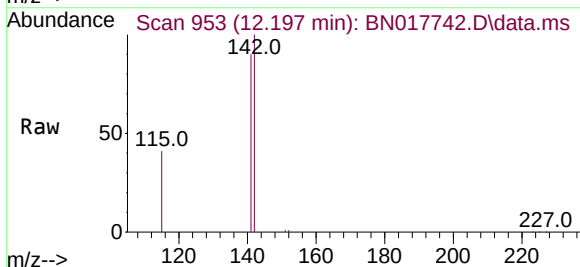
Tgt Ion:142 Resp: 74841

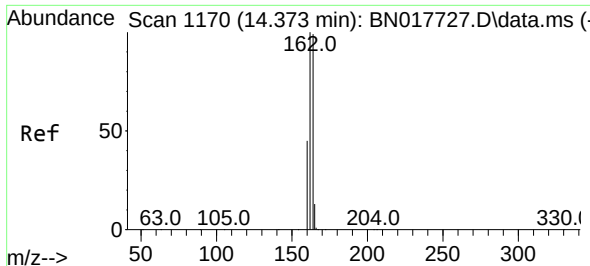
Ion Ratio Lower Upper

142 100

141 90.1 70.6 106.0

115 40.7 25.8 38.6#

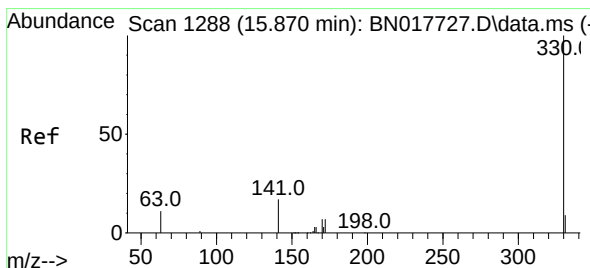
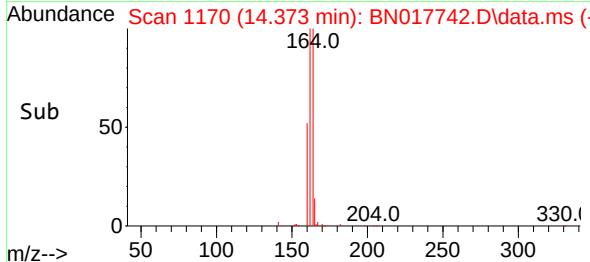
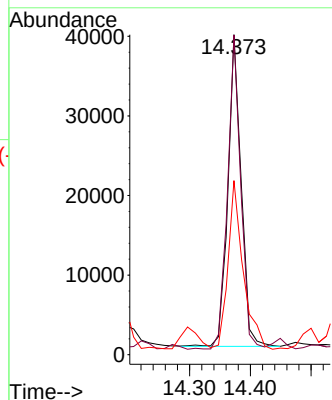
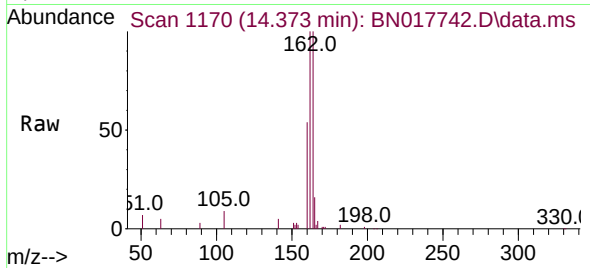




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.373 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

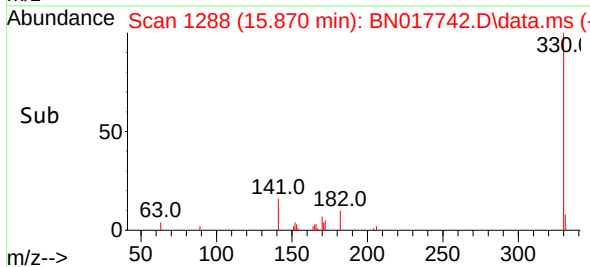
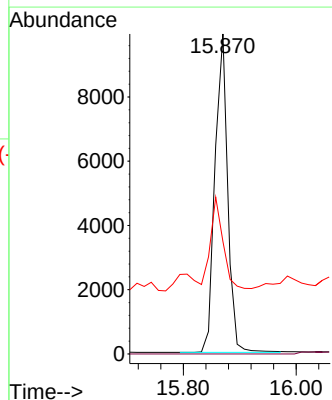
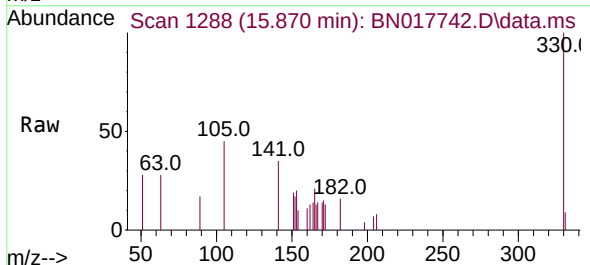
Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

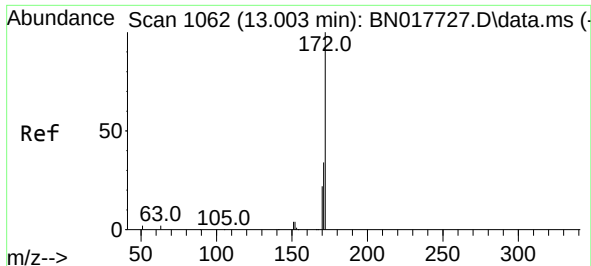
Tgt Ion:164 Resp: 58836
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.2
 160 54.4 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.556 ng
 RT: 15.870 min Scan# 1288
 Delta R.T. 0.000 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion:330 Resp: 15478
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 27.8 28.9 43.3#

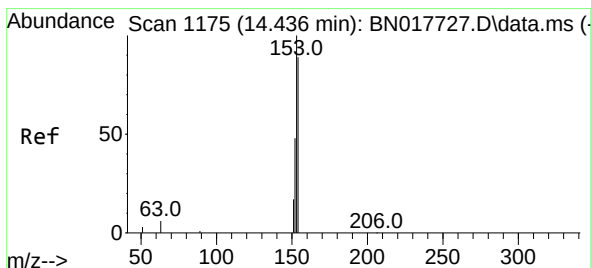
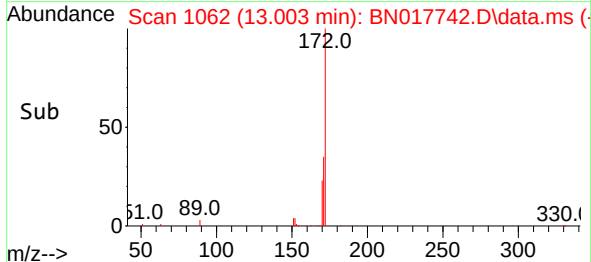
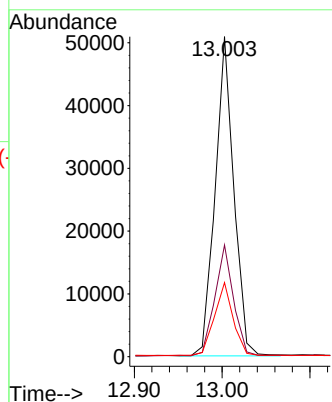
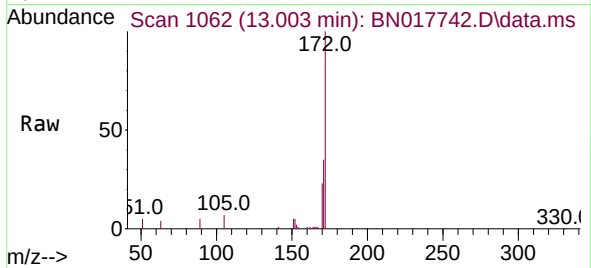




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

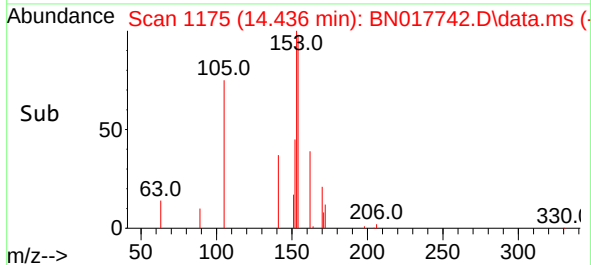
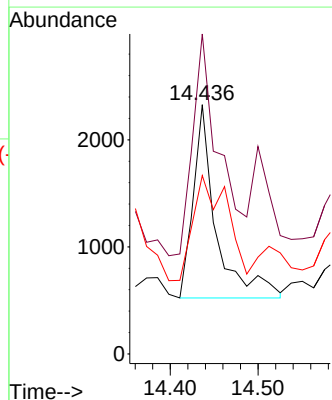
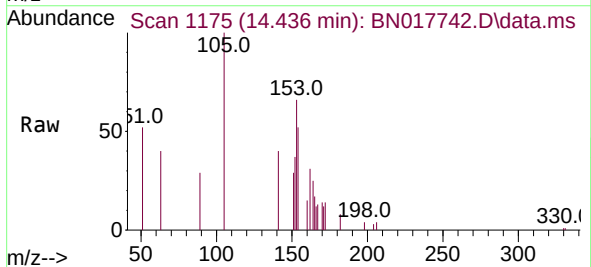
Instrument :
BNA_N
ClientSampleId :
MW-29RE

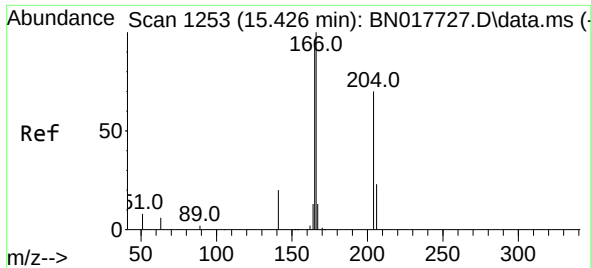
Tgt Ion:172 Resp: 75195
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.1 19.4 29.2



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion:154 Resp: 3252
Ion Ratio Lower Upper
154 100
153 134.4 91.2 136.8
152 81.0 44.3 66.5#

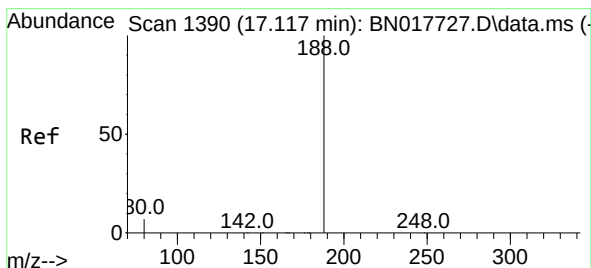
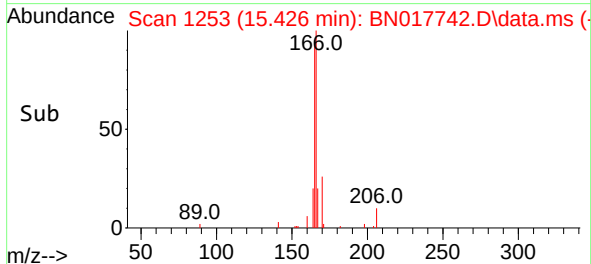
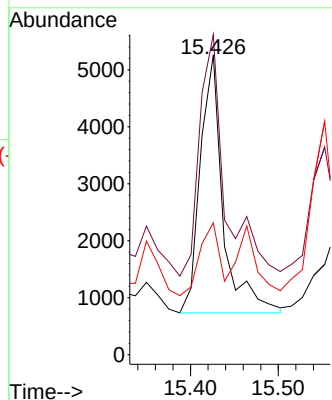
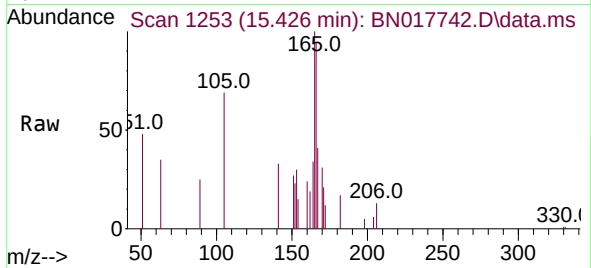




#18
Fluorene
Concen: 0.042 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

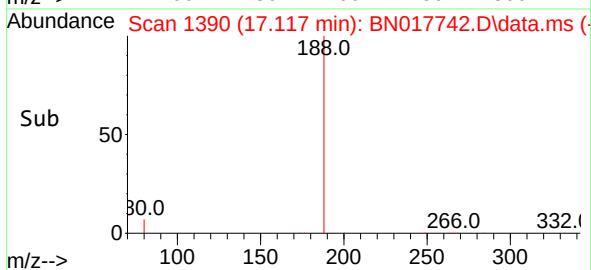
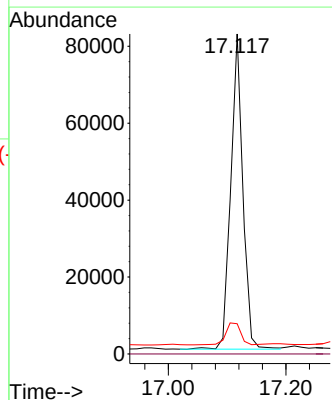
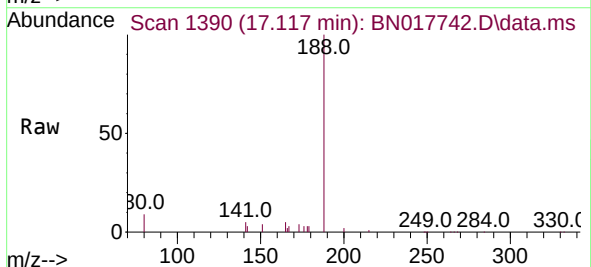
Instrument :
BNA_N
ClientSampleId :
MW-29RE

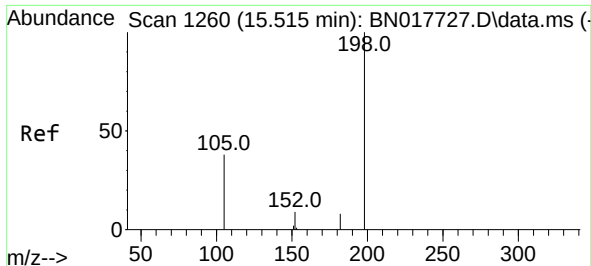
Tgt Ion:166 Resp: 8151
Ion Ratio Lower Upper
166 100
165 104.9 77.9 116.9
167 24.3 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion:188 Resp: 117113
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 6.1 9.1#

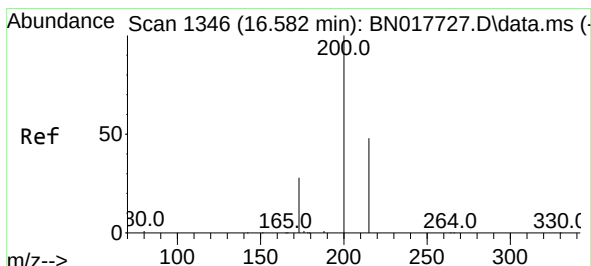
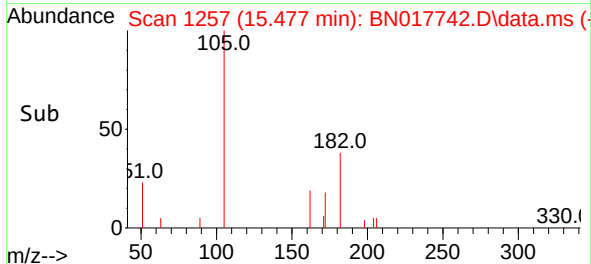
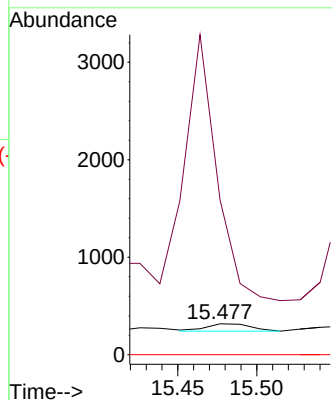
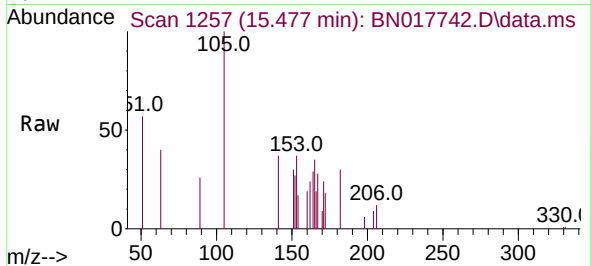




#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.477 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

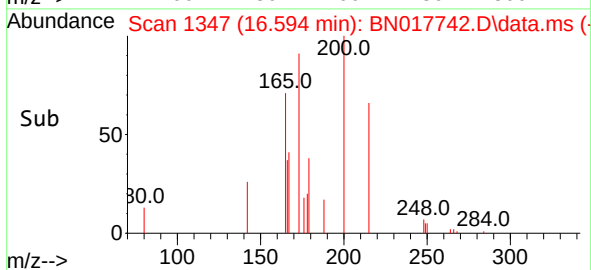
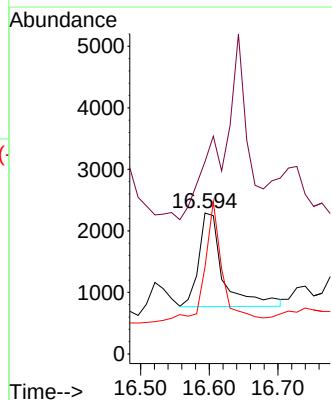
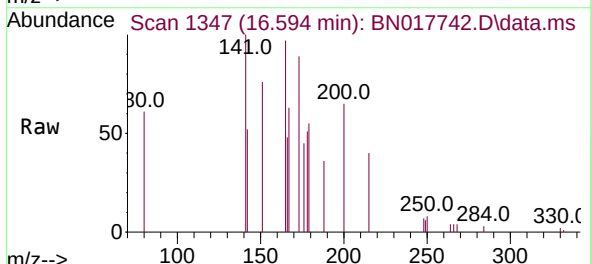
Instrument :
BNA_N
ClientSampleId :
MW-29RE

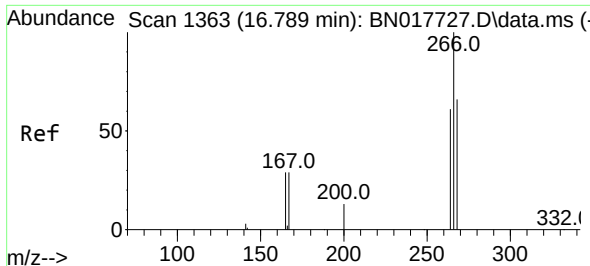
Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
182 500.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.159 ng
RT: 16.594 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion:200 Resp: 3782
Ion Ratio Lower Upper
200 100
173 136.4 17.6 26.4#
215 61.8 40.2 60.4#

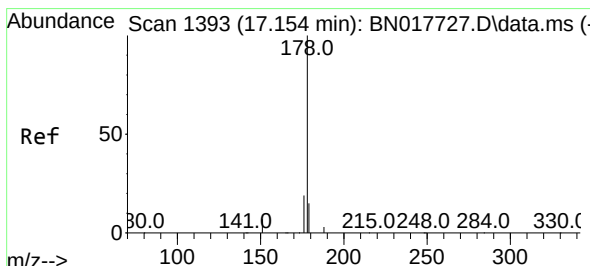
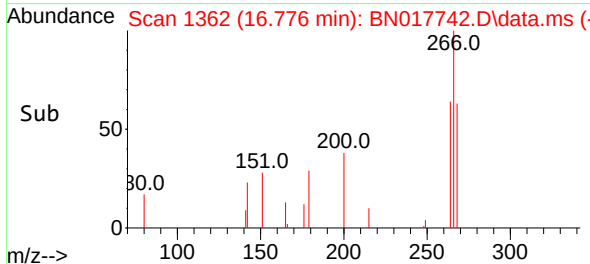
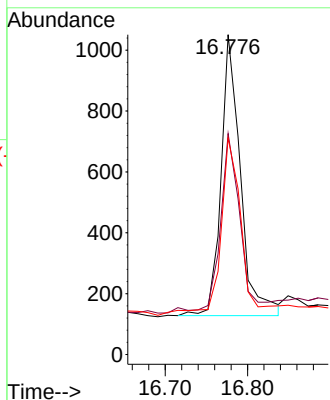
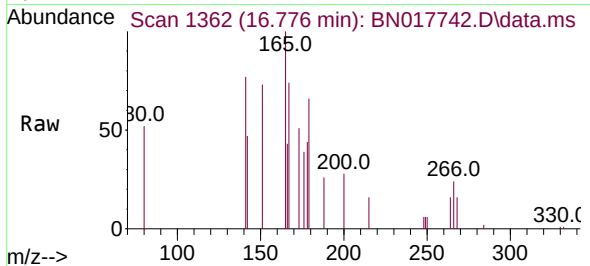




#24
 Pentachlorophenol
 Concen: 0.246 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

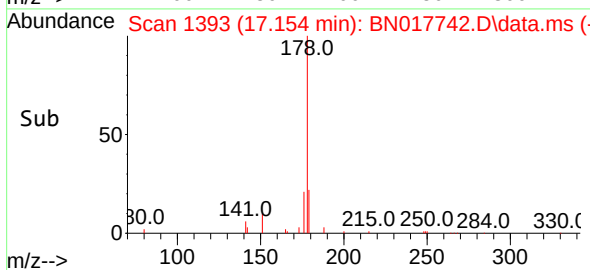
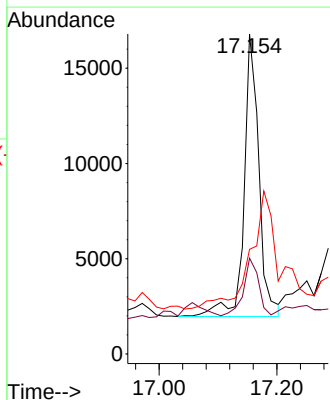
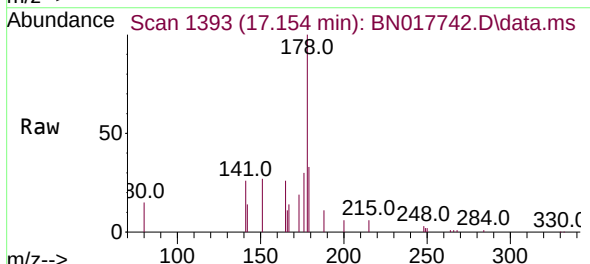
Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

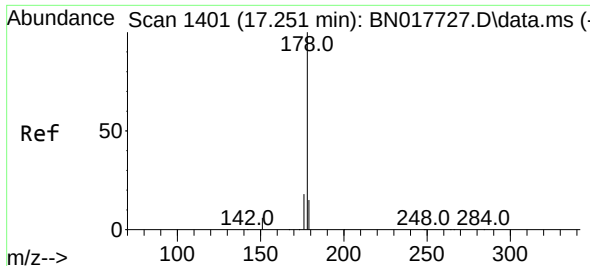
Tgt Ion:	266	Resp:	1514
Ion Ratio	Lower	Upper	
266	100		
264	61.2	49.8	74.8
268	57.6	51.3	76.9



#25
 Phenanthrene
 Concen: 0.084 ng
 RT: 17.154 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion:	178	Resp:	25820
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.0	22.6
179	0.0	12.3	18.5

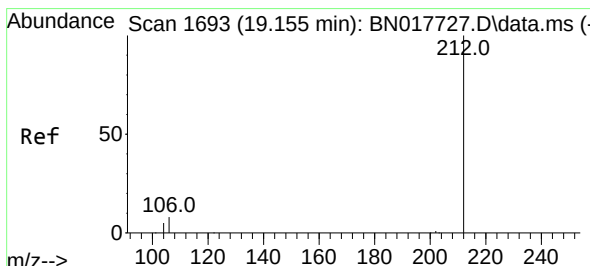
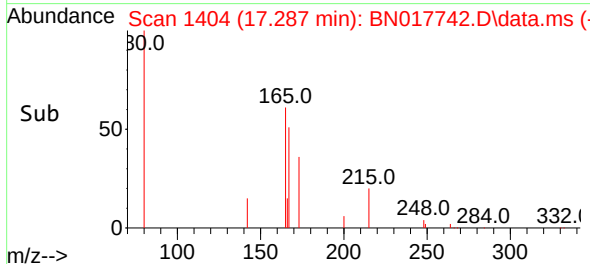
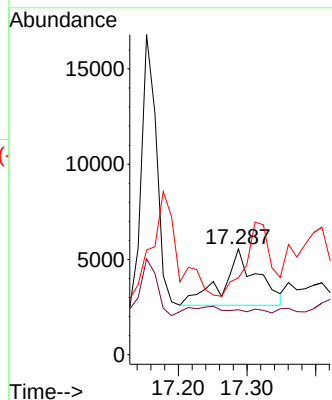
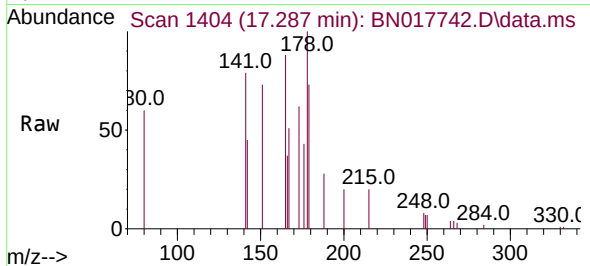




#26
 Anthracene
 Concen: 0.039 ng
 RT: 17.287 min Scan# 1404
 Delta R.T. 0.036 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

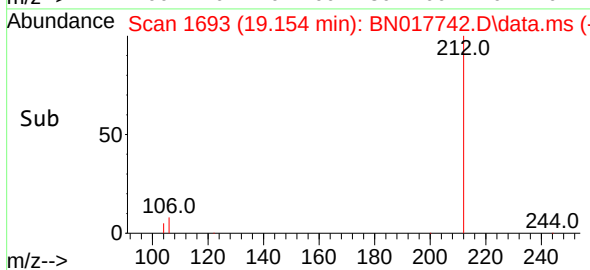
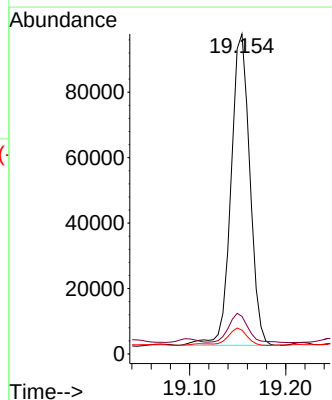
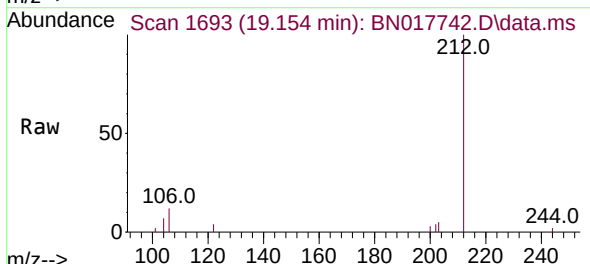
Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

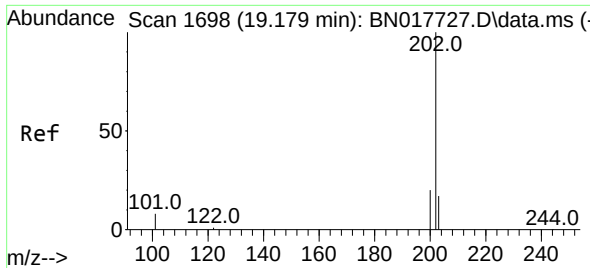
Tgt Ion:178 Resp: 10495
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.6 22.0#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.329 ng
 RT: 19.154 min Scan# 1693
 Delta R.T. -0.000 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion:212 Resp: 129730
 Ion Ratio Lower Upper
 212 100
 106 9.5 10.5 15.7#
 104 5.4 5.8 8.6#

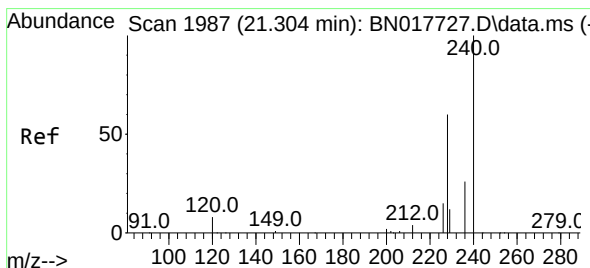
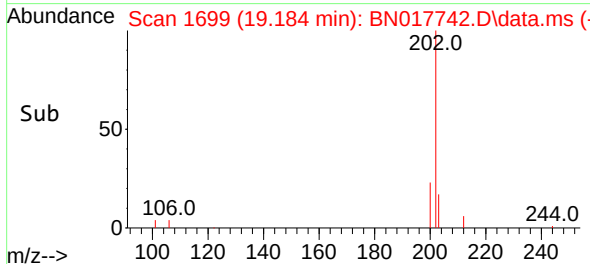
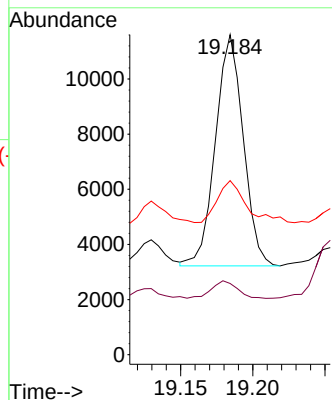
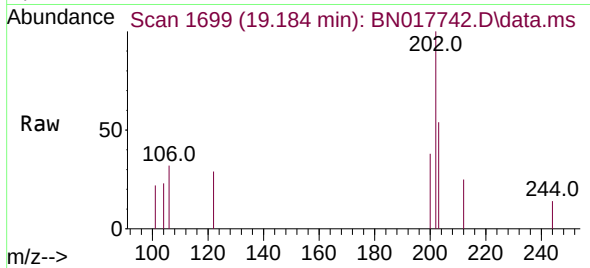




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.184 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

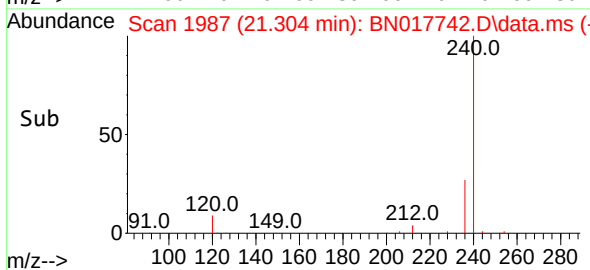
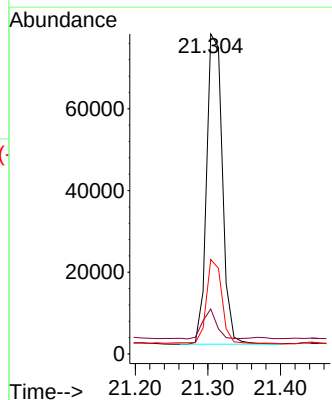
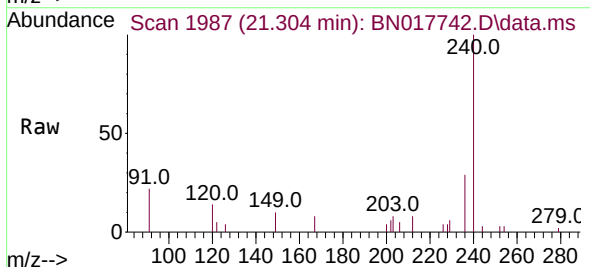
Instrument :
BNA_N
ClientSampleId :
MW-29RE

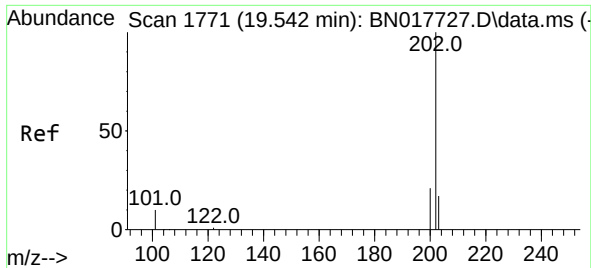
Tgt Ion:202 Resp: 11251
Ion Ratio Lower Upper
202 100
101 6.8 8.9 13.3#
203 18.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017742.D
Acq: 06 Dec 2021 21:44

Tgt Ion:240 Resp: 114878
Ion Ratio Lower Upper
240 100
120 14.0 4.2 6.2#
236 29.5 20.0 30.0

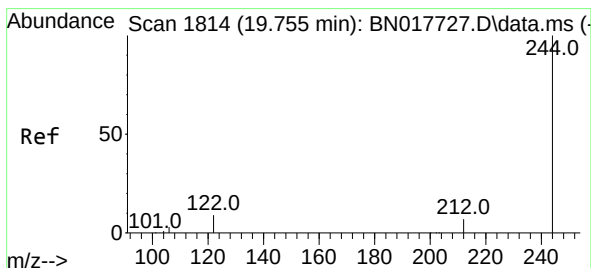
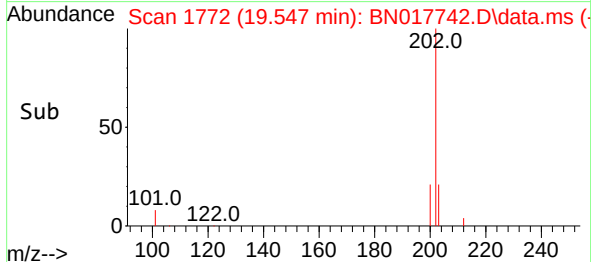
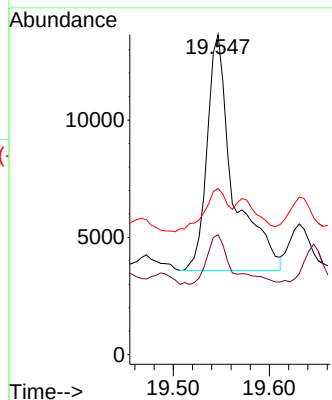
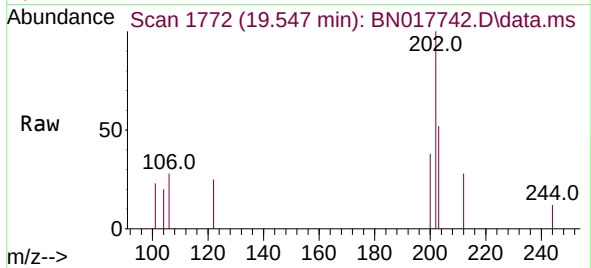




#30
 Pyrene
 Concen: 0.044 ng
 RT: 19.547 min Scan# 1772
 Delta R.T. 0.005 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

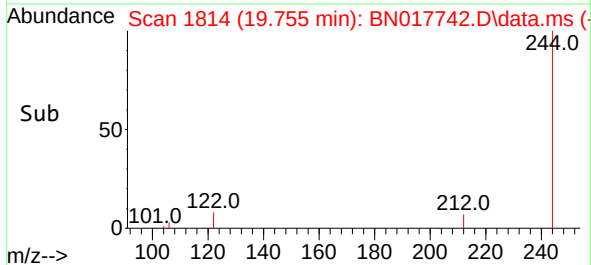
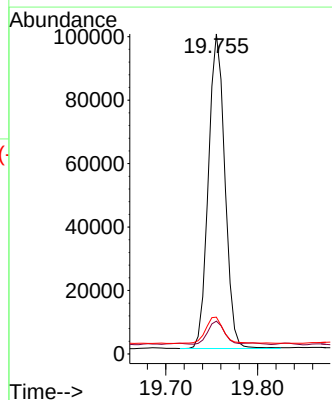
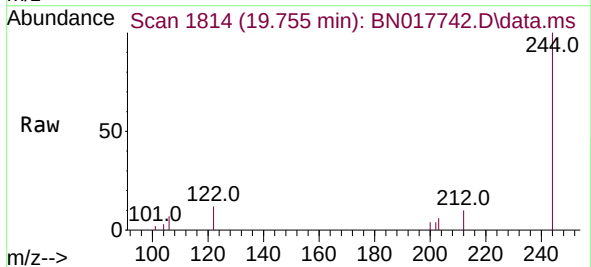
Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

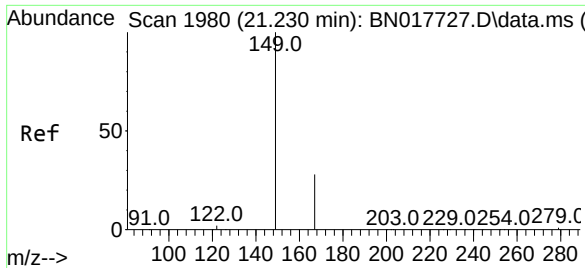
Tgt Ion:202 Resp: 19008
 Ion Ratio Lower Upper
 202 100
 200 20.0 16.5 24.7
 203 16.8 14.0 21.0



#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion:244 Resp: 123560
 Ion Ratio Lower Upper
 244 100
 212 10.3 5.7 8.5#
 122 11.5 8.6 13.0

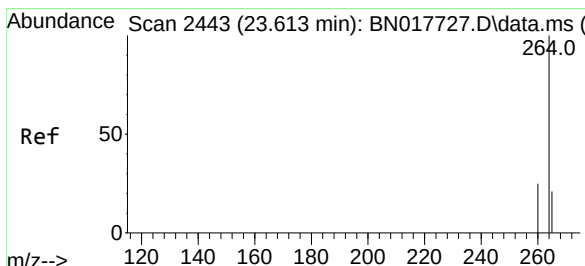
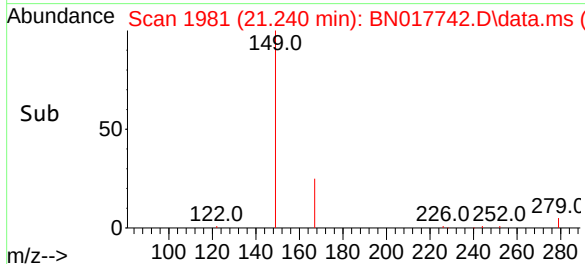
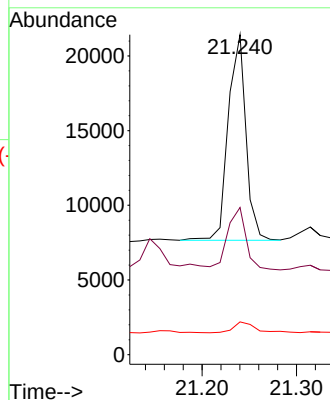
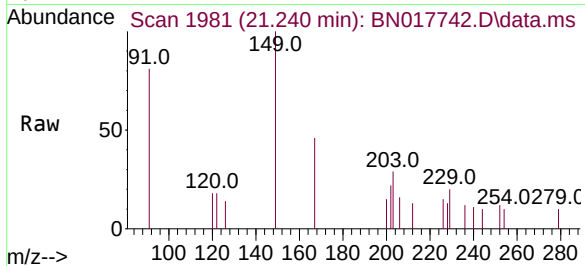




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.011 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-29RE

Tgt Ion:149 Resp: 17927
 Ion Ratio Lower Upper
 149 100
 167 31.5 21.8 32.6
 279 5.9 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.617 min Scan# 2444
 Delta R.T. 0.003 min
 Lab File: BN017742.D
 Acq: 06 Dec 2021 21:44

Tgt Ion:264 Resp: 113946
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.4 29.2
 265 26.8 18.6 28.0

