

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017792.D
 Acq On : 08 Dec 2021 09:45
 Operator : CG/JU
 Sample : M4918-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-38

Quant Time: Dec 09 00:04:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

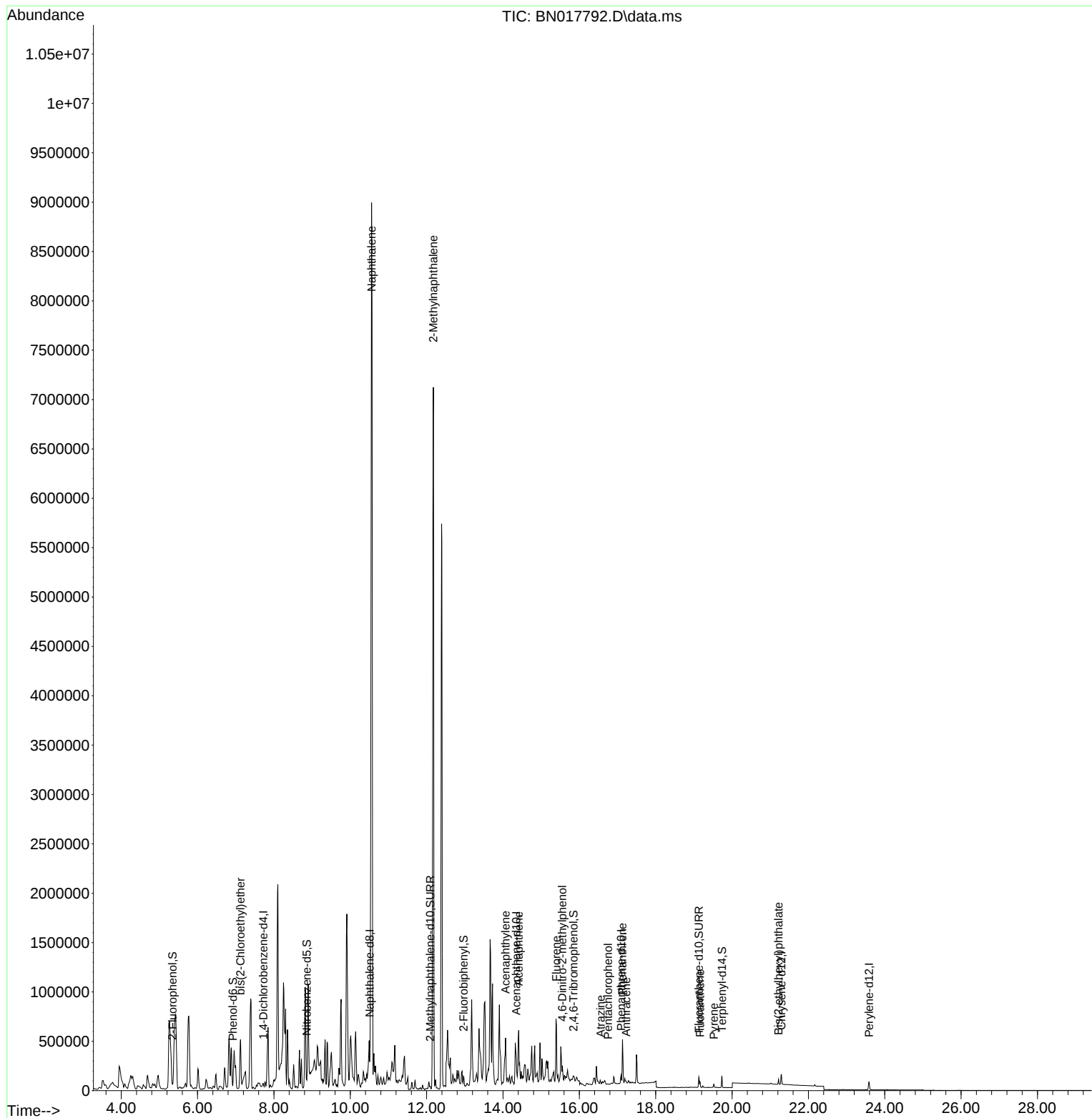
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	17554	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	80477	0.400	ng	# 0.01
13) Acenaphthene-d10	14.347	164	97959	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	111353	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	111547	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	109074	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	26435	0.623	ng	0.02
5) Phenol-d6	6.922	99	4961	0.124	ng	0.02
8) Nitrobenzene-d5	8.859	82	37125	0.693	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	41022	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	15755	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	75998	0.212	ng	0.00
27) Fluoranthene-d10	19.129	212	122369	0.329	ng	0.00
31) Terphenyl-d14	19.735	244	114117	0.476	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.125	93	43535	0.959	ng	# 1
9) Naphthalene	10.557	128	15031541	71.334	ng	97
12) 2-Methylnaphthalene	12.174	142	5736775	37.780	ng	96
16) Acenaphthylene	14.068	152	62064	0.161	ng	# 1
17) Acenaphthene	14.411	154	276140	1.077	ng	# 89
18) Fluorene	15.400	166	377804	1.154	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.553	198	8170	2.322	ng	89
23) Atrazine	16.557	200	2461	0.051	ng	# 1
24) Pentachlorophenol	16.752	266	191	0.286	ng	# 83
25) Phenanthrene	17.129	178	459389	1.570	ng	99
26) Anthracene	17.226	178	29727	0.116	ng	# 62
28) Fluoranthene	19.159	202	49227	0.138	ng	97
30) Pyrene	19.522	202	32184	0.091	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.219	149	45007	0.289	ng	98

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

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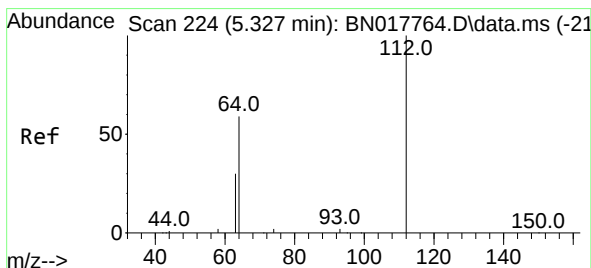
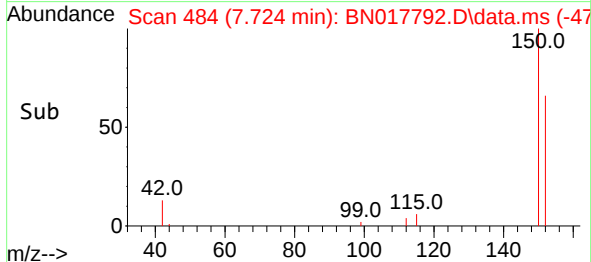
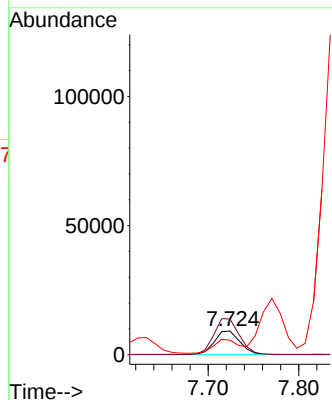
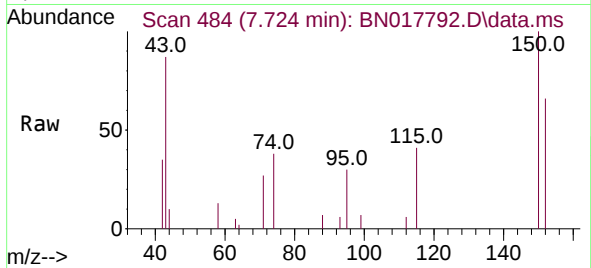




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

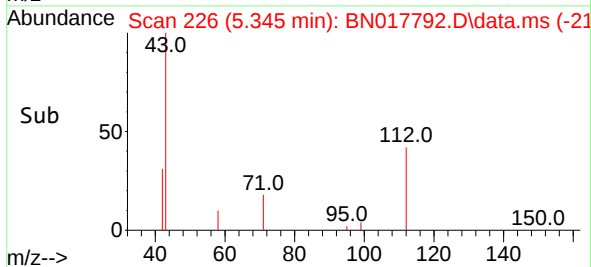
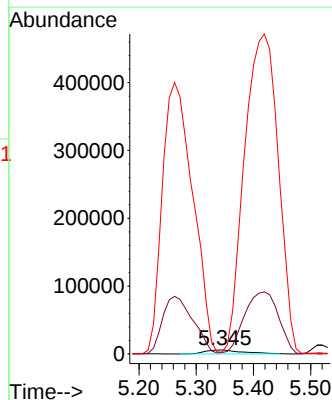
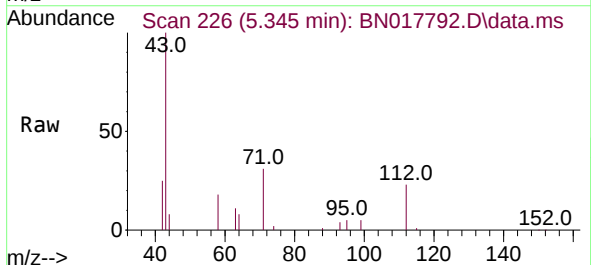
Instrument :
BNA_N
ClientSampleId :
MW-38

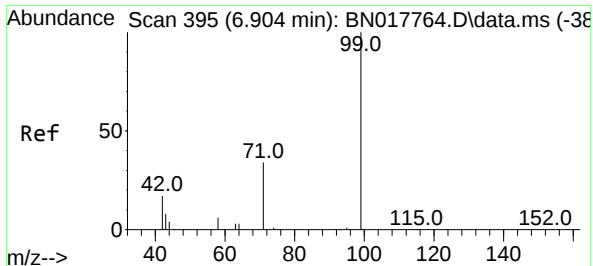
Tgt Ion:152 Resp: 17554
Ion Ratio Lower Upper
152 100
150 150.6 123.0 184.4
115 61.2 45.3 67.9



#4
2-Fluorophenol
Concen: 0.623 ng
RT: 5.345 min Scan# 226
Delta R.T. 0.018 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:112 Resp: 26435
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#

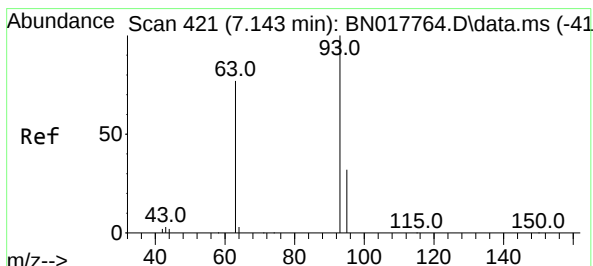
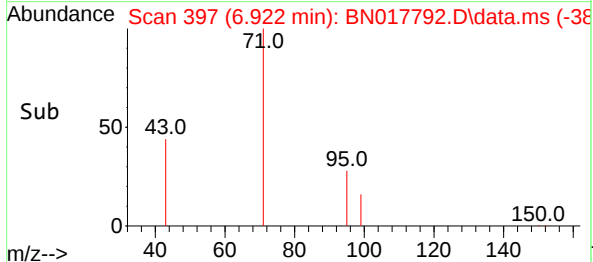
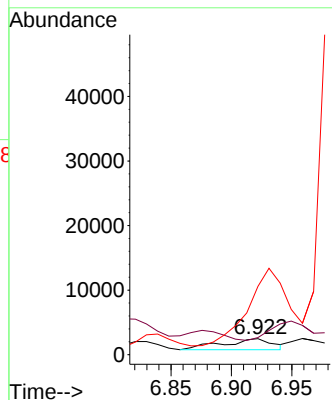
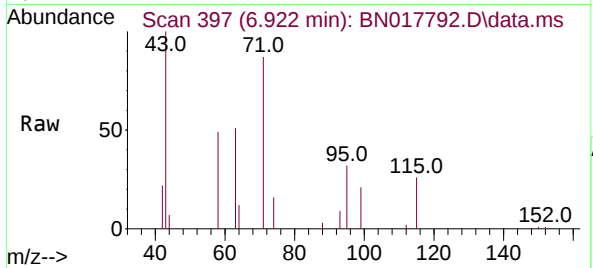




#5
Phenol-d6
Concen: 0.124 ng
RT: 6.922 min Scan# 397
Delta R.T. 0.018 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

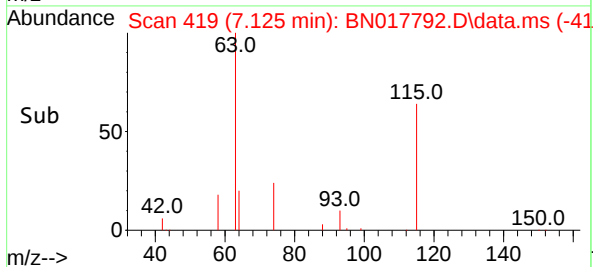
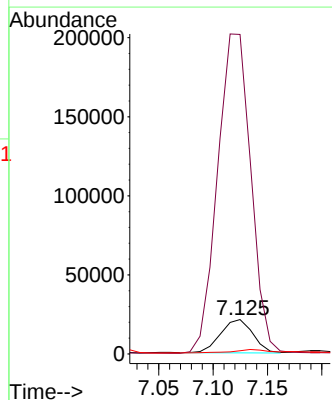
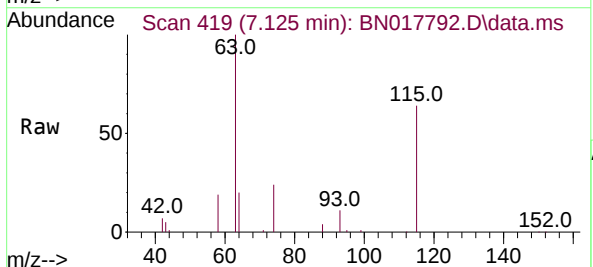
Instrument :
BNA_N
ClientSampleId :
MW-38

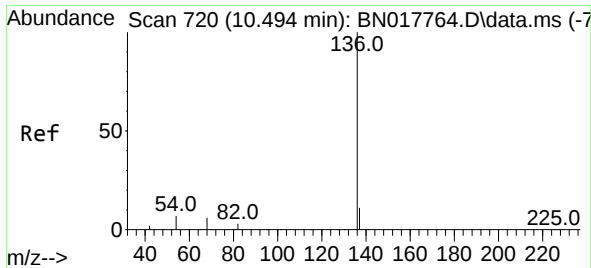
Tgt Ion: 99 Resp: 4961
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 564.4 29.0 43.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.959 ng
RT: 7.125 min Scan# 419
Delta R.T. -0.019 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion: 93 Resp: 43535
Ion Ratio Lower Upper
93 100
63 991.8 62.0 93.0#
95 14.3 26.4 39.6#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 721
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

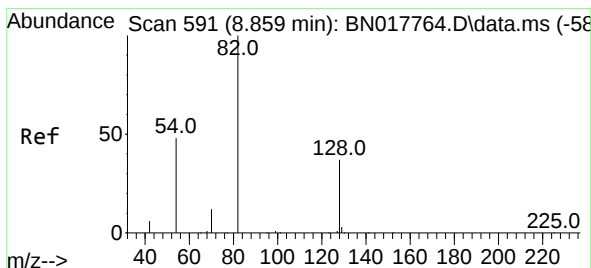
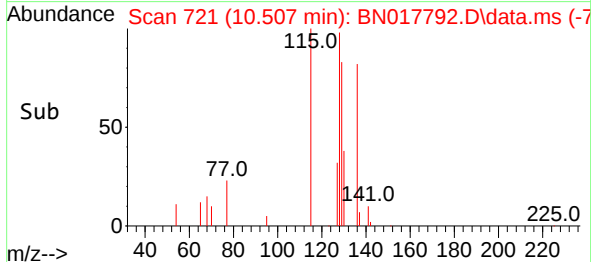
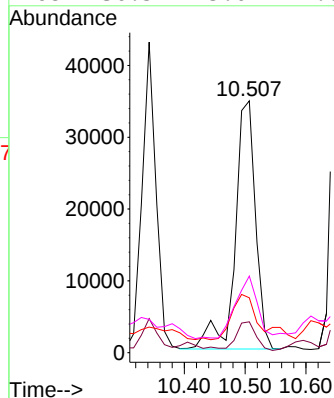
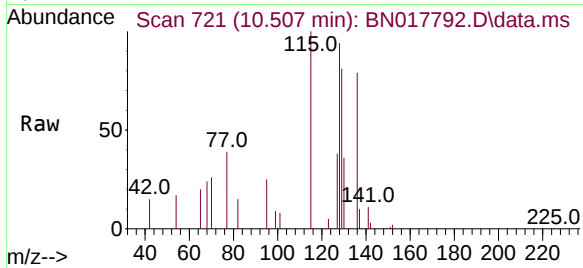
Instrument :

BNA_N

ClientSampleId :

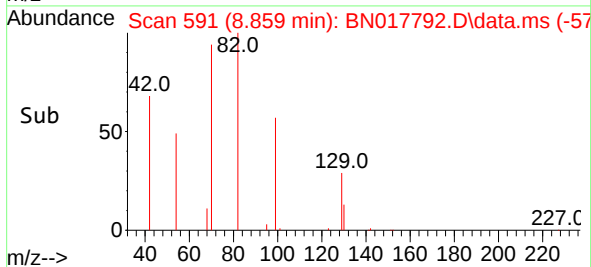
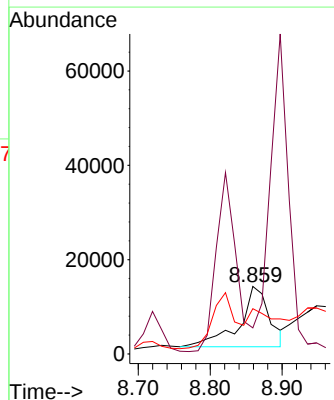
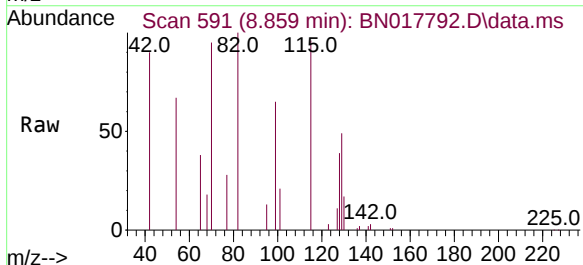
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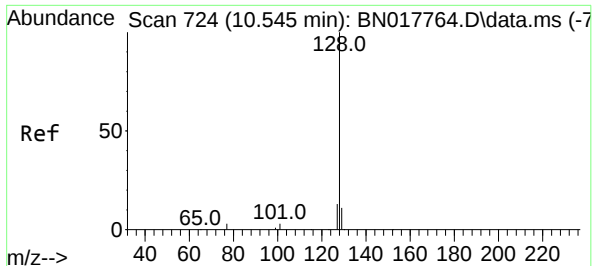
Tgt Ion:136 Resp: 80477
Ion Ratio Lower Upper
136 100
137 12.2 8.8 13.2
54 21.8 5.9 8.9#
68 30.5 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.693 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion: 82 Resp: 37125
Ion Ratio Lower Upper
82 100
128 38.7 30.2 45.2
54 67.1 39.0 58.6#

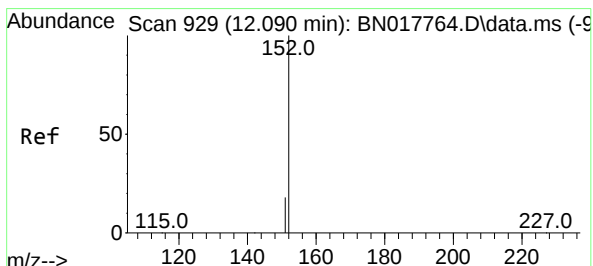
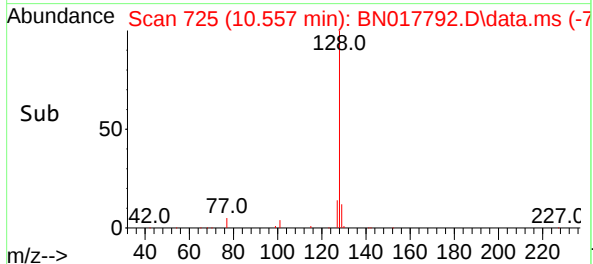
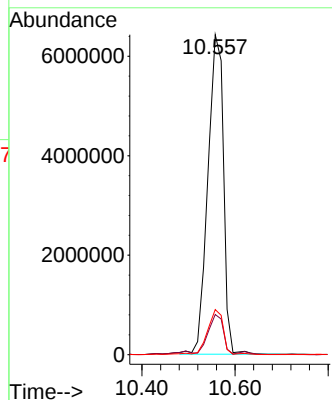
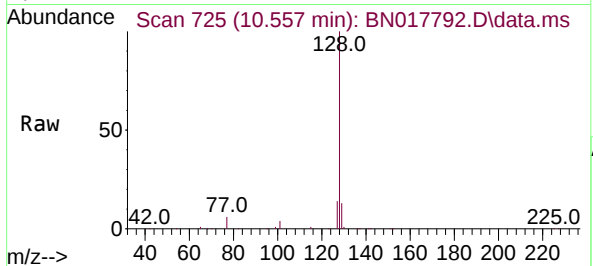




#9
Naphthalene
Concen: 71.334 ng
RT: 10.557 min Scan# 71
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

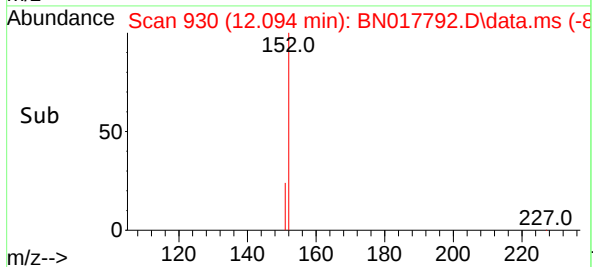
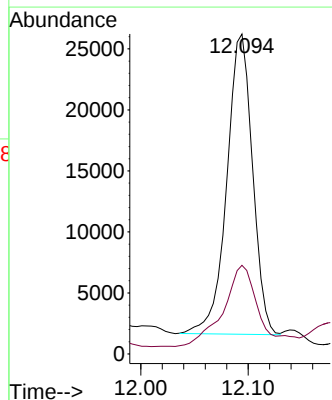
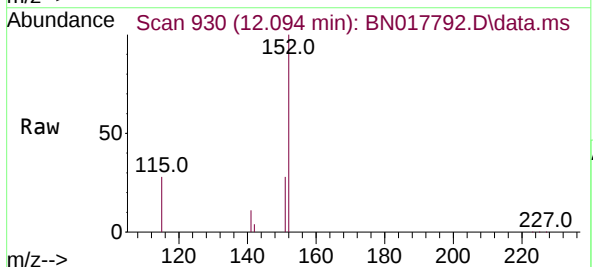
Instrument :
BNA_N
ClientSampleId :
MW-38

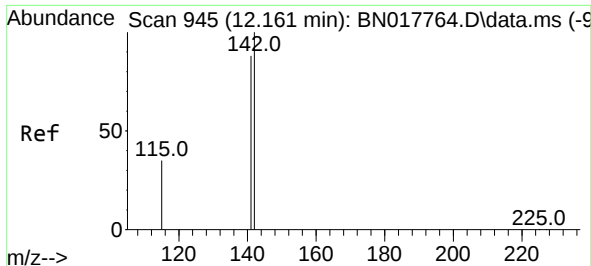
Tgt Ion:128 Resp:15031541
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.1 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.094 min Scan# 930
Delta R.T. 0.004 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:152 Resp: 41022
Ion Ratio Lower Upper
152 100
151 37.6 16.4 24.6#





#12

2-Methylnaphthalene

Concen: 37.780 ng

RT: 12.174 min Scan# 945

Delta R.T. 0.013 min

Lab File: BN017792.D

Acq: 08 Dec 2021 09:45

Instrument :

BNA_N

ClientSampleId :

MW-38

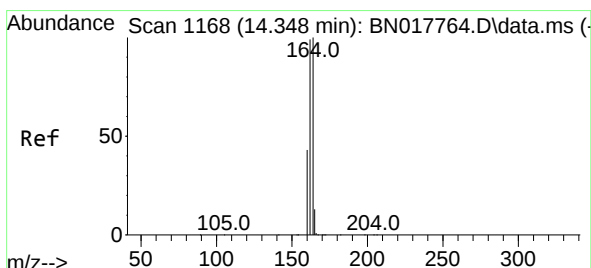
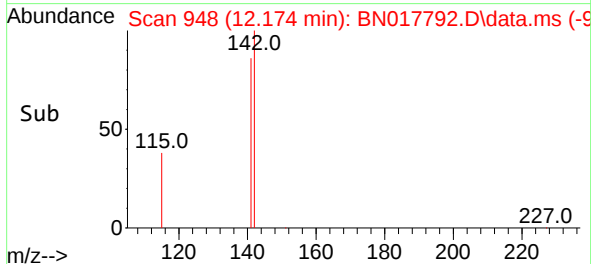
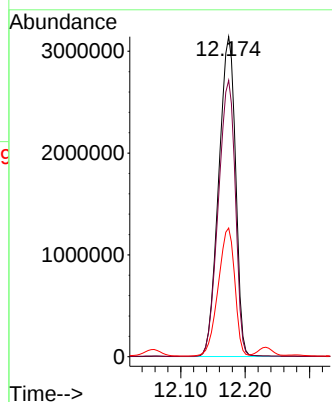
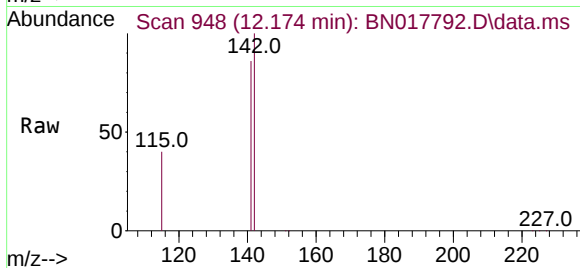
Tgt Ion:142 Resp: 5736775

Ion Ratio Lower Upper

142 100

141 86.3 70.5 105.7

115 40.2 28.0 42.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017792.D

Acq: 08 Dec 2021 09:45

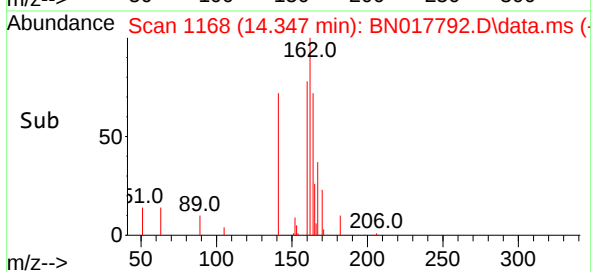
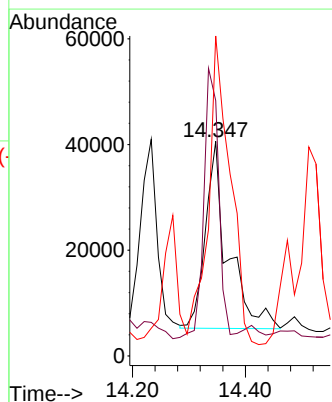
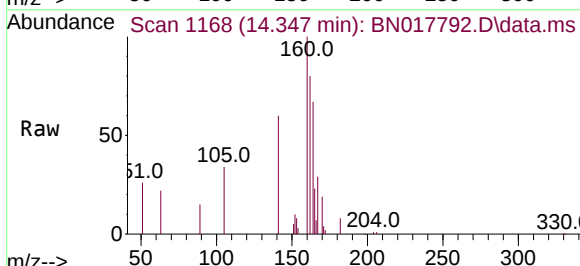
Tgt Ion:164 Resp: 97959

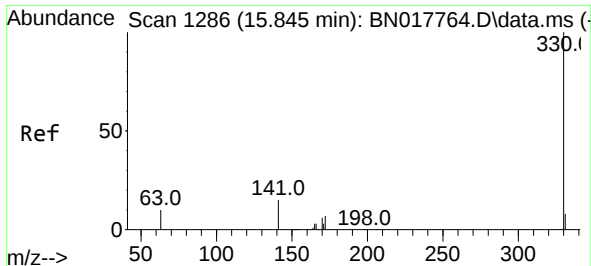
Ion Ratio Lower Upper

164 100

162 119.1 79.0 118.6#

160 149.2 34.6 52.0#

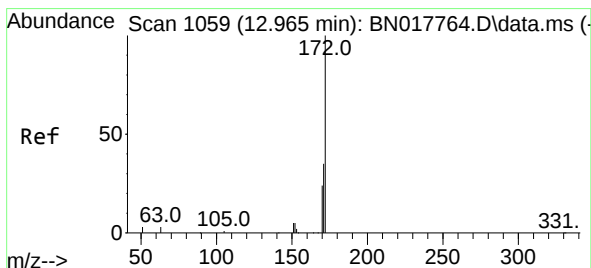
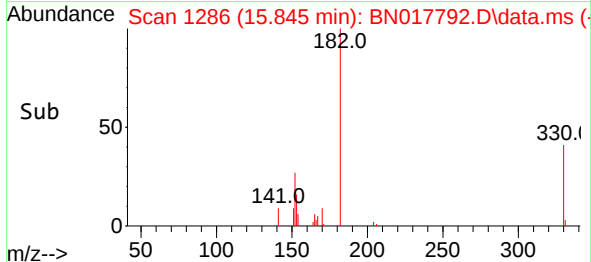
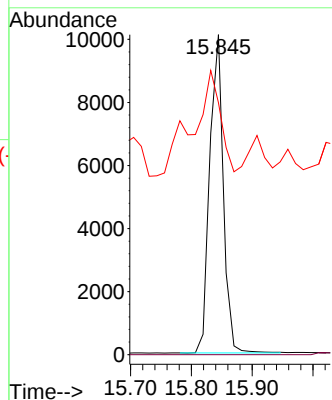
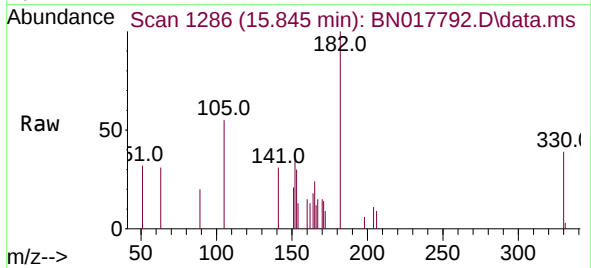




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

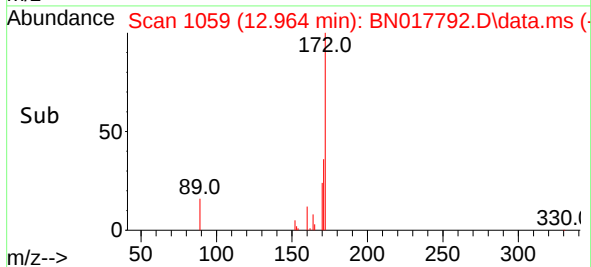
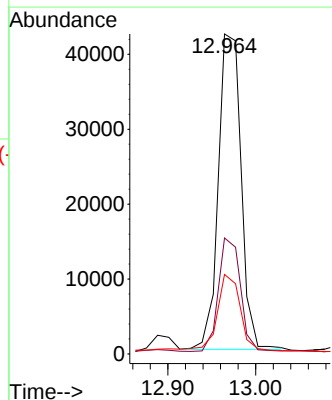
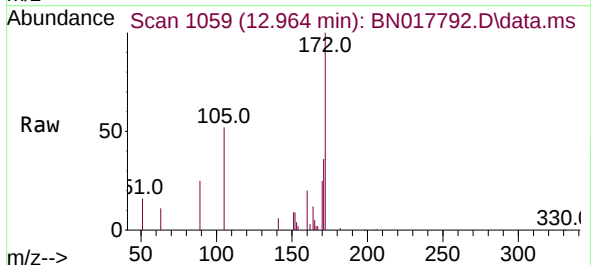
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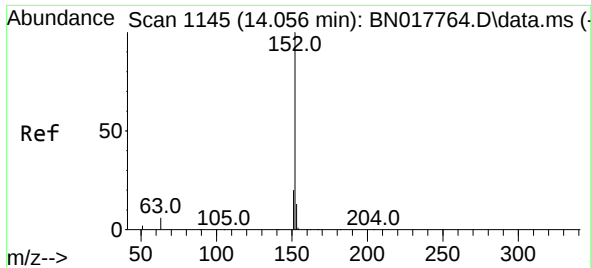
Tgt Ion:330 Resp: 15755
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.7 21.5 32.3#



#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:172 Resp: 75998
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.9 18.9 28.3

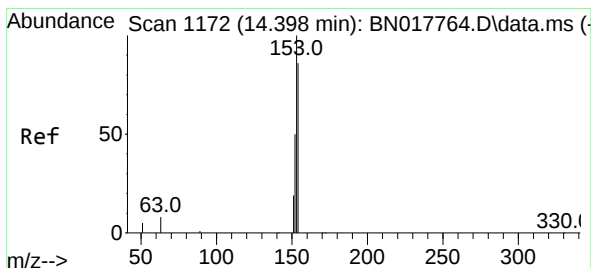
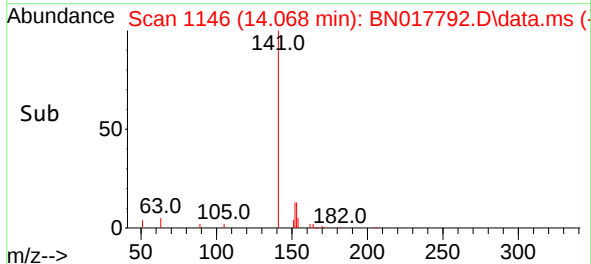
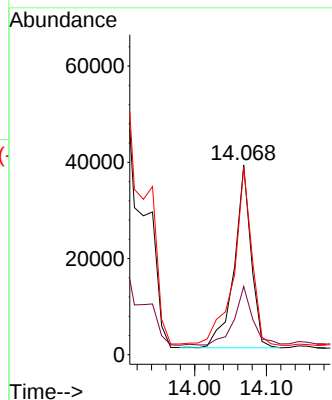
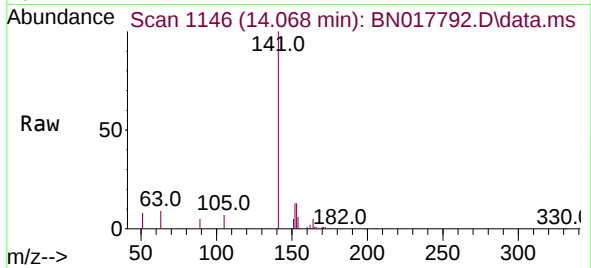




#16
Acenaphthylene
Concen: 0.161 ng
RT: 14.068 min Scan# 1146
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

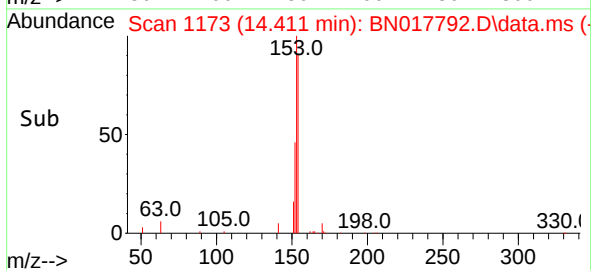
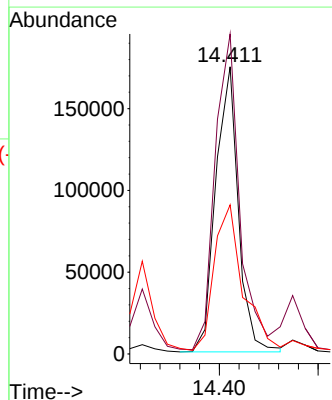
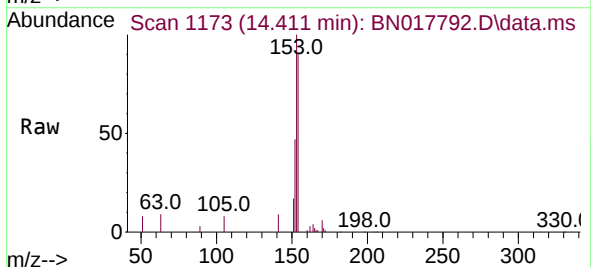
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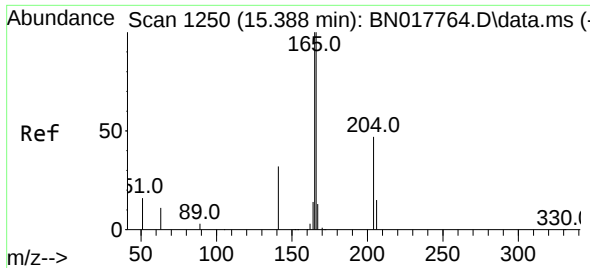
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Ion Ratio Lower Upper
152 100
151 35.7 15.7 23.5#
153 104.9 10.4 15.6#



#17
Acenaphthene
Concen: 1.077 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:154 Resp: 276140
Ion Ratio Lower Upper
154 100
153 120.0 90.1 135.1
152 68.4 43.7 65.5#

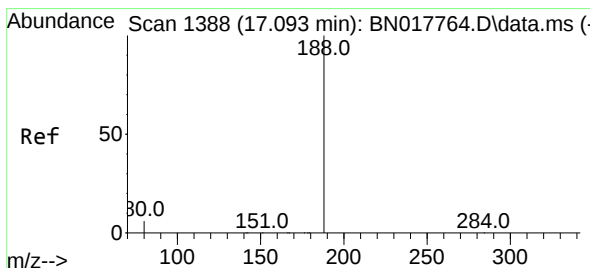
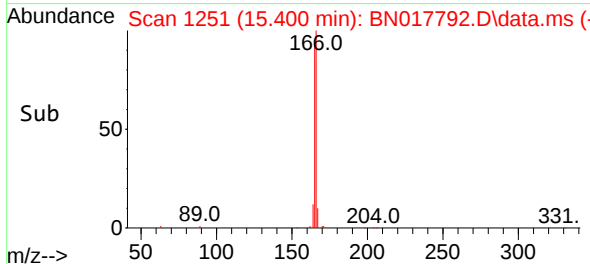
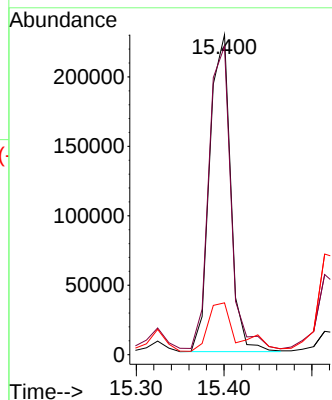
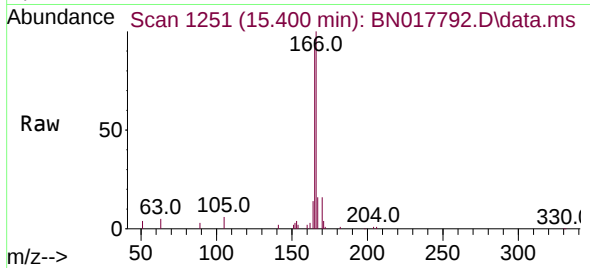




#18
 Fluorene
 Concen: 1.154 ng
 RT: 15.400 min Scan# 1251
 Delta R.T. 0.013 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

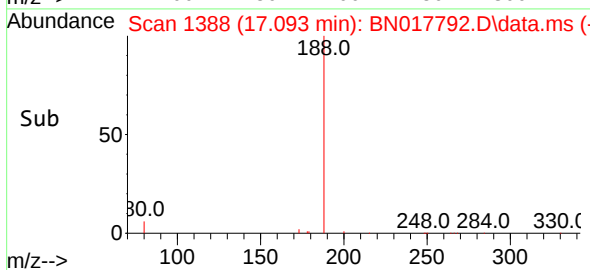
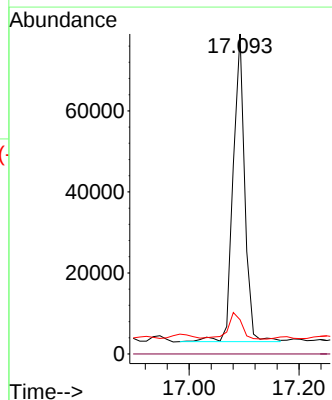
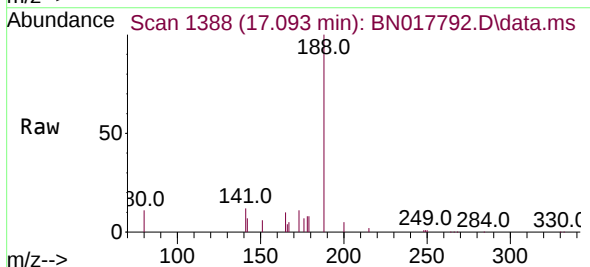
Instrument :
 BNA_N
 ClientSampleId :
 MW-38

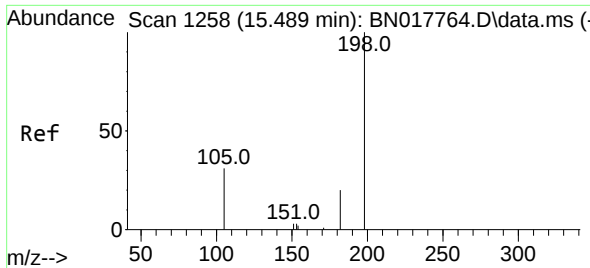
Tgt Ion:166 Resp: 377804
 Ion Ratio Lower Upper
 166 100
 165 99.7 77.8 116.8
 167 21.1 11.0 16.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.093 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

Tgt Ion:188 Resp: 111353
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.7 5.1 7.7#

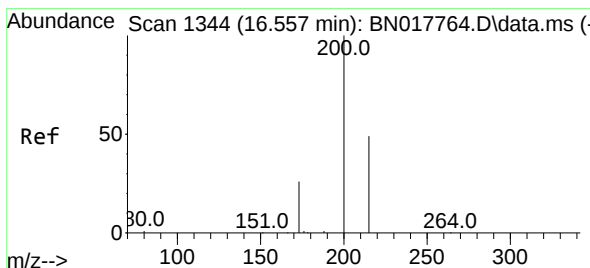
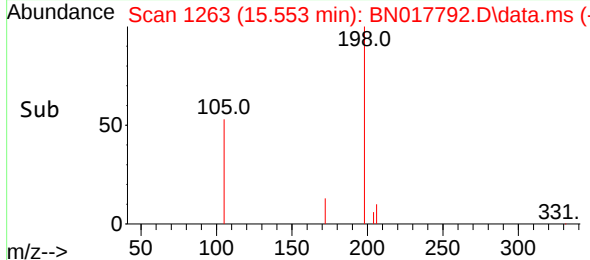
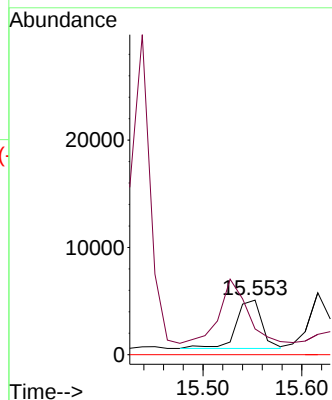
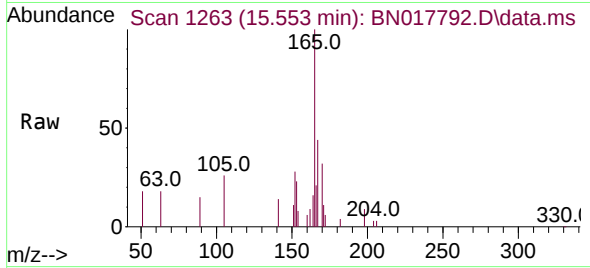




#20
4,6-Dinitro-2-methylphenol
Concen: 2.322 ng
RT: 15.553 min Scan# 1263
Delta R.T. 0.064 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

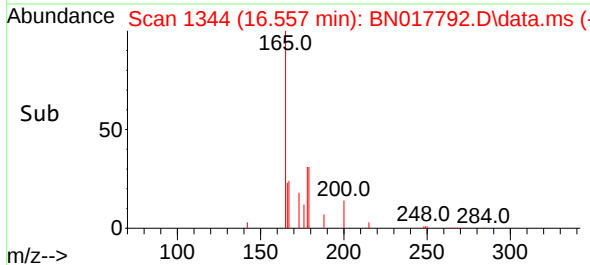
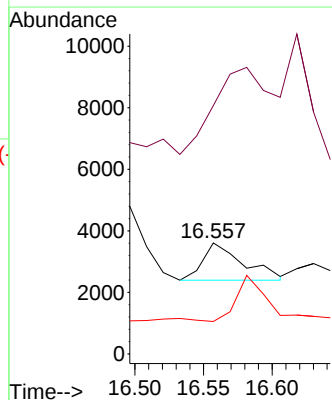
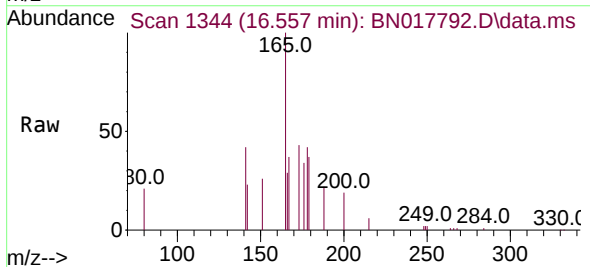
Instrument :
BNA_N
ClientSampleId :
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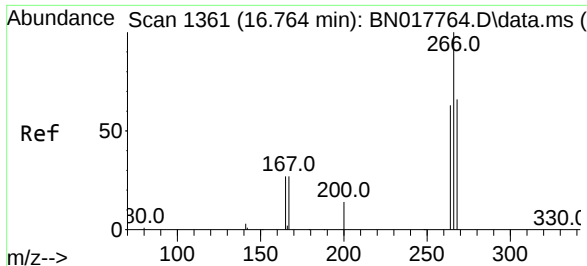
Tgt Ion:198 Resp: 8170
Ion Ratio Lower Upper
198 100
182 47.1 44.2 66.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.051 ng
RT: 16.557 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:200 Resp: 2461
Ion Ratio Lower Upper
200 100
173 223.6 21.4 32.2#
215 29.2 39.3 58.9#

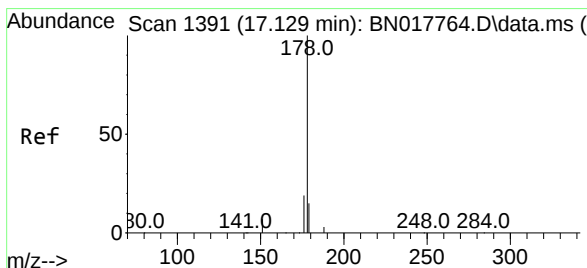
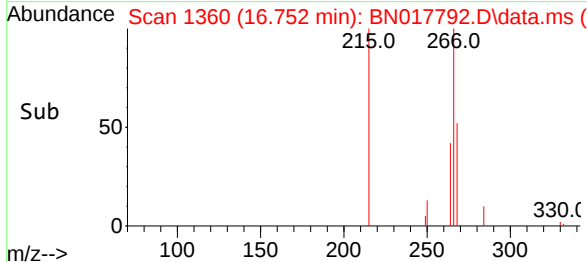
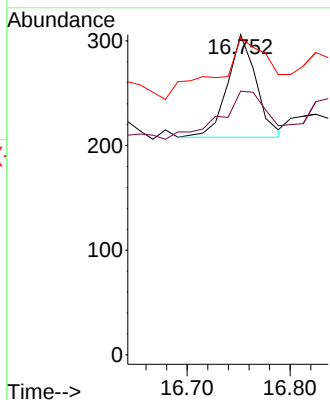
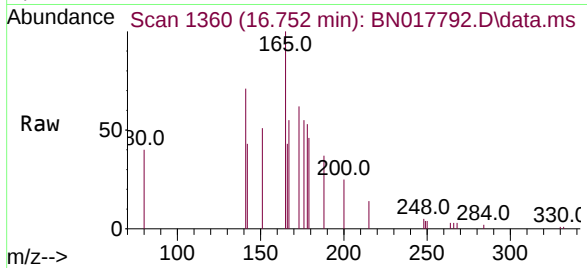




#24
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

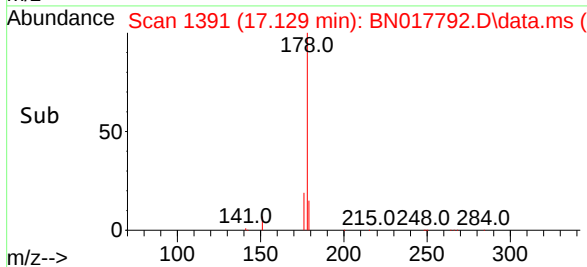
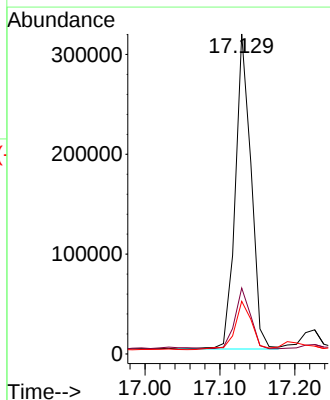
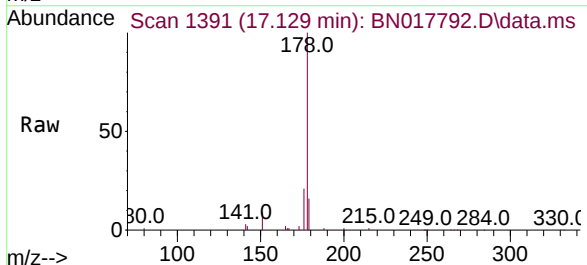
Instrument :
 BNA_N
 ClientSampleId :
 MW-38

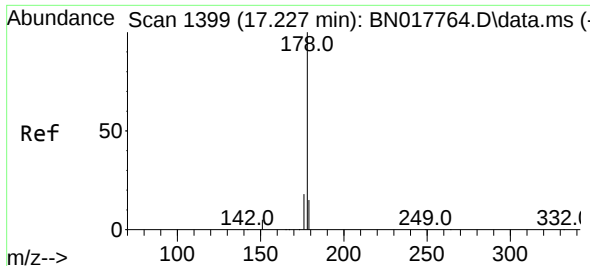
Tgt Ion:266 Resp: 191
 Ion Ratio Lower Upper
 266 100
 264 51.8 50.8 76.2
 268 50.3 51.8 77.6#



#25
 Phenanthrene
 Concen: 1.570 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

Tgt Ion:178 Resp: 459389
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.6
 179 16.4 12.5 18.7

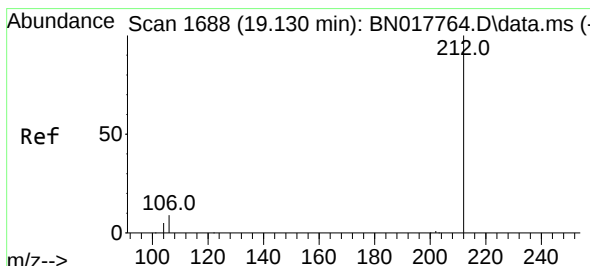
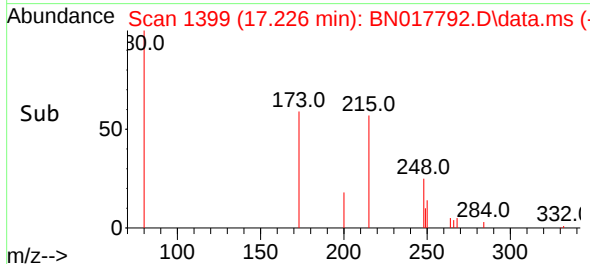
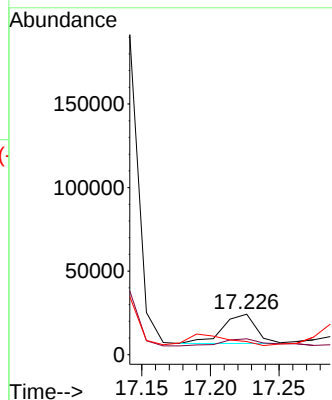
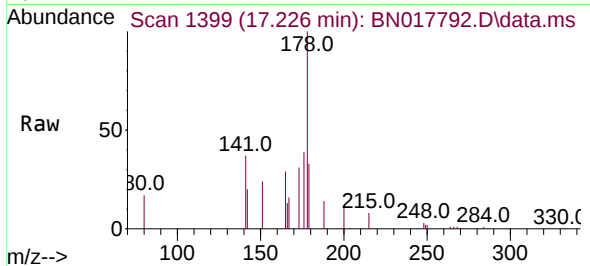




#26
 Anthracene
 Concen: 0.116 ng
 RT: 17.226 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

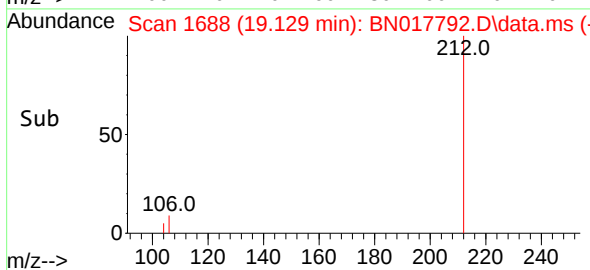
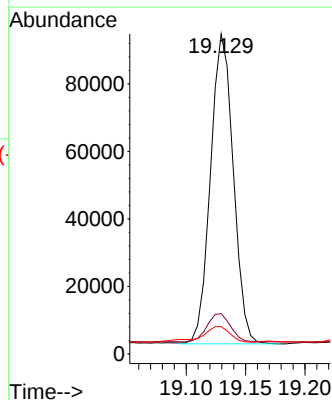
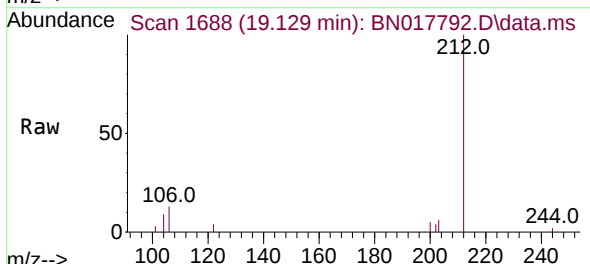
Instrument :
 BNA_N
 ClientSampleId :
 MW-38

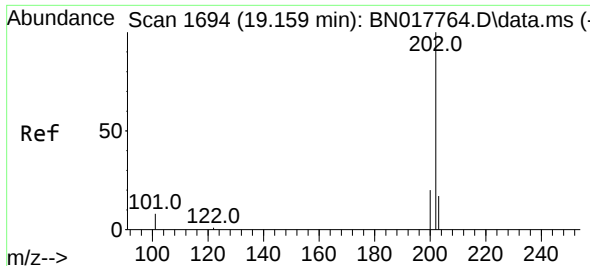
Tgt Ion:178 Resp: 29727
 Ion Ratio Lower Upper
 178 100
 176 35.6 14.5 21.7#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.329 ng
 RT: 19.129 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

Tgt Ion:212 Resp: 122369
 Ion Ratio Lower Upper
 212 100
 106 9.6 8.2 12.2
 104 6.2 4.6 6.8

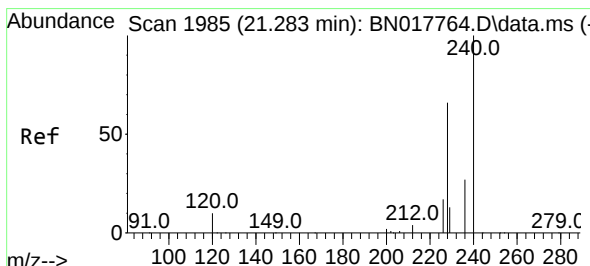
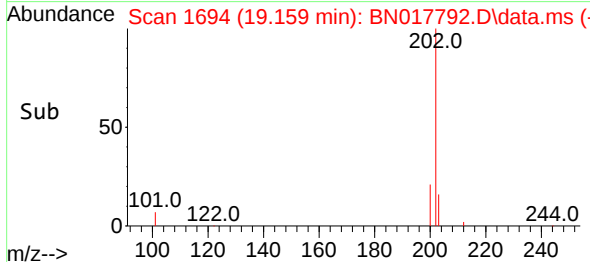
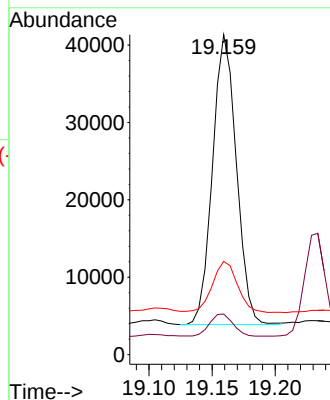
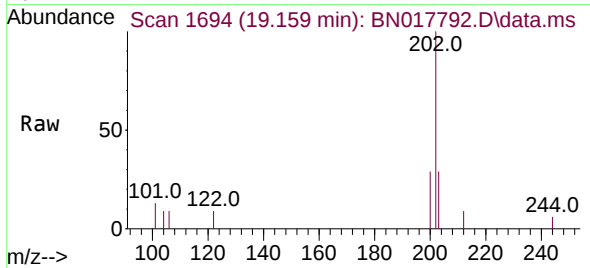




#28
Fluoranthene
Concen: 0.138 ng
RT: 19.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

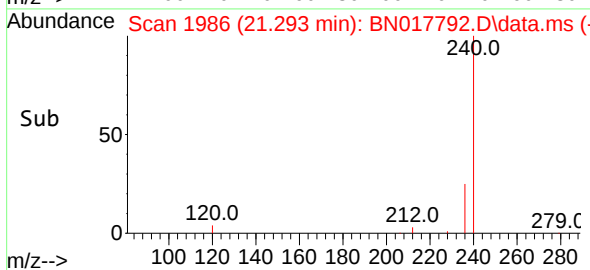
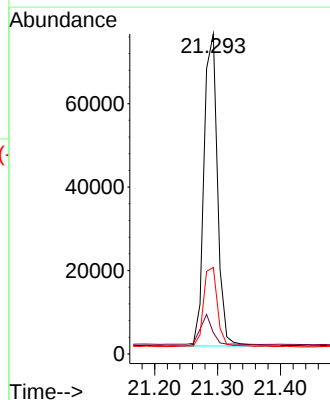
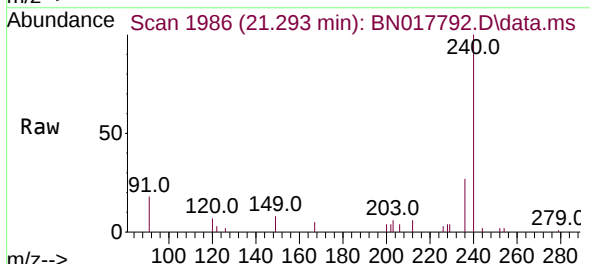
Instrument :
BNA_N
ClientSampleId :
MW-38

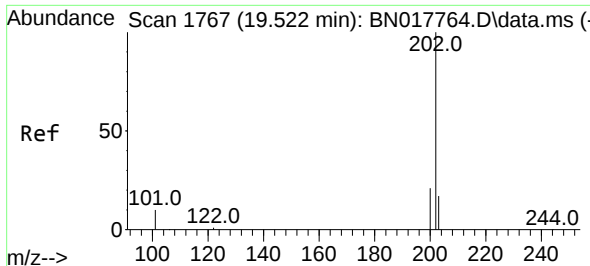
Tgt Ion:202 Resp: 49227
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 18.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.010 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:240 Resp: 111547
Ion Ratio Lower Upper
240 100
120 6.6 7.9 11.9#
236 27.1 21.4 32.2

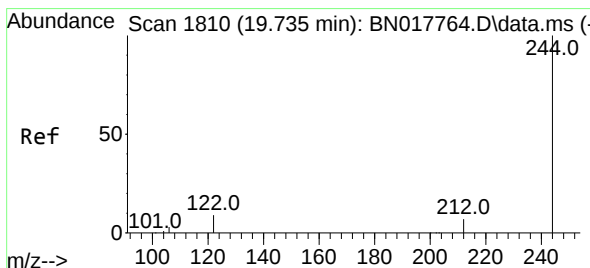
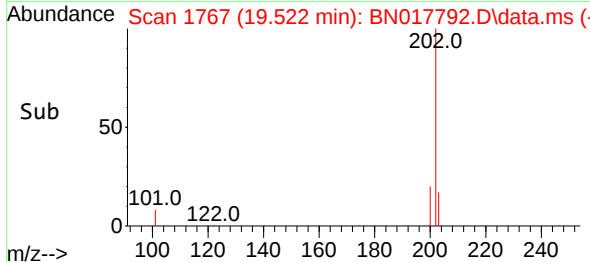
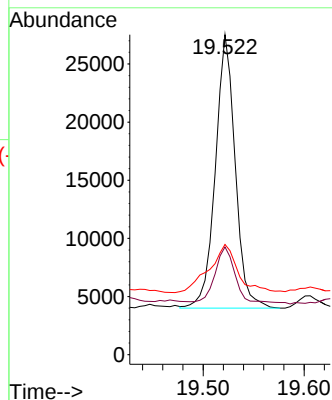
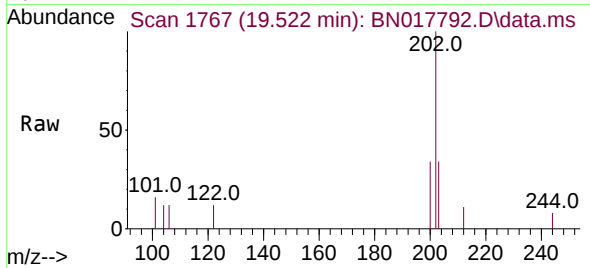




#30
Pyrene
Concen: 0.091 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

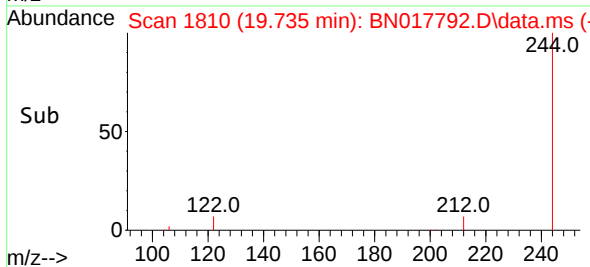
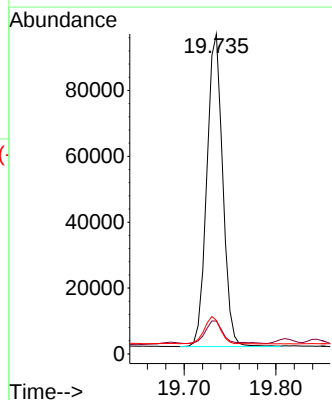
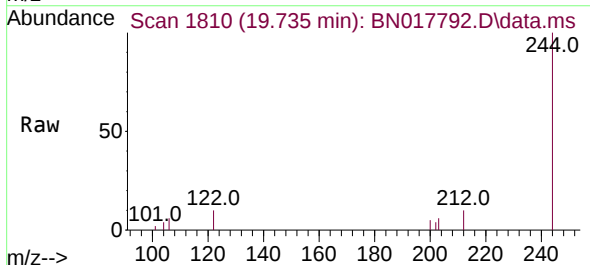
Instrument :
BNA_N
ClientSampleId :
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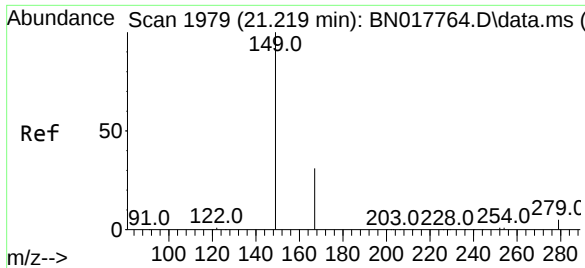
Tgt Ion:202 Resp: 32184
Ion Ratio Lower Upper
202 100
200 22.1 16.5 24.7
203 25.6 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.735 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:244 Resp: 114117
Ion Ratio Lower Upper
244 100
212 10.3 5.8 8.8#
122 10.5 7.1 10.7

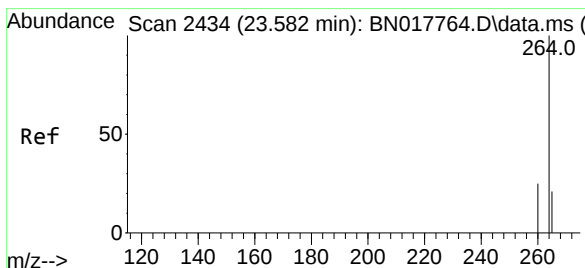
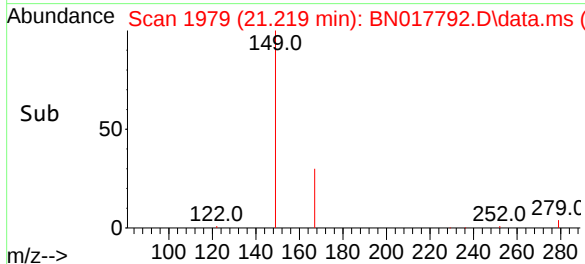
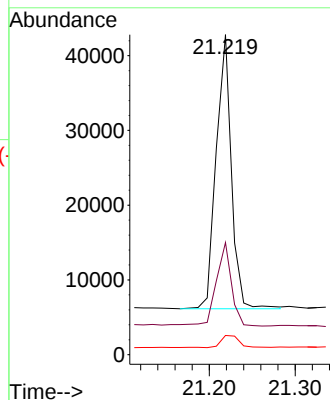
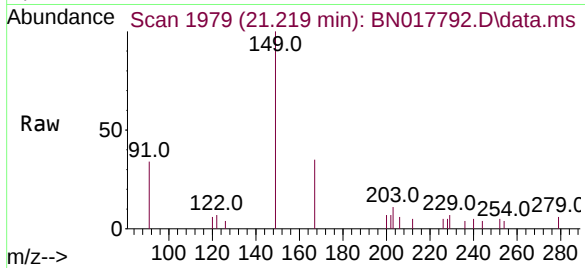




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.289 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Instrument :
BNA_N
ClientSampleId :
MW-38

Tgt Ion:	149	Resp:	45007
Ion Ratio	Lower	Upper	
149	100		
167	30.4	23.5	35.3
279	5.2	3.8	5.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:	264	Resp:	109074
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.0	30.0
265	26.2	20.5	30.7

