

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017799.D
 Acq On : 08 Dec 2021 14:46
 Operator : CG/JU
 Sample : M4918-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-37

Quant Time: Dec 09 11:03:54 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)

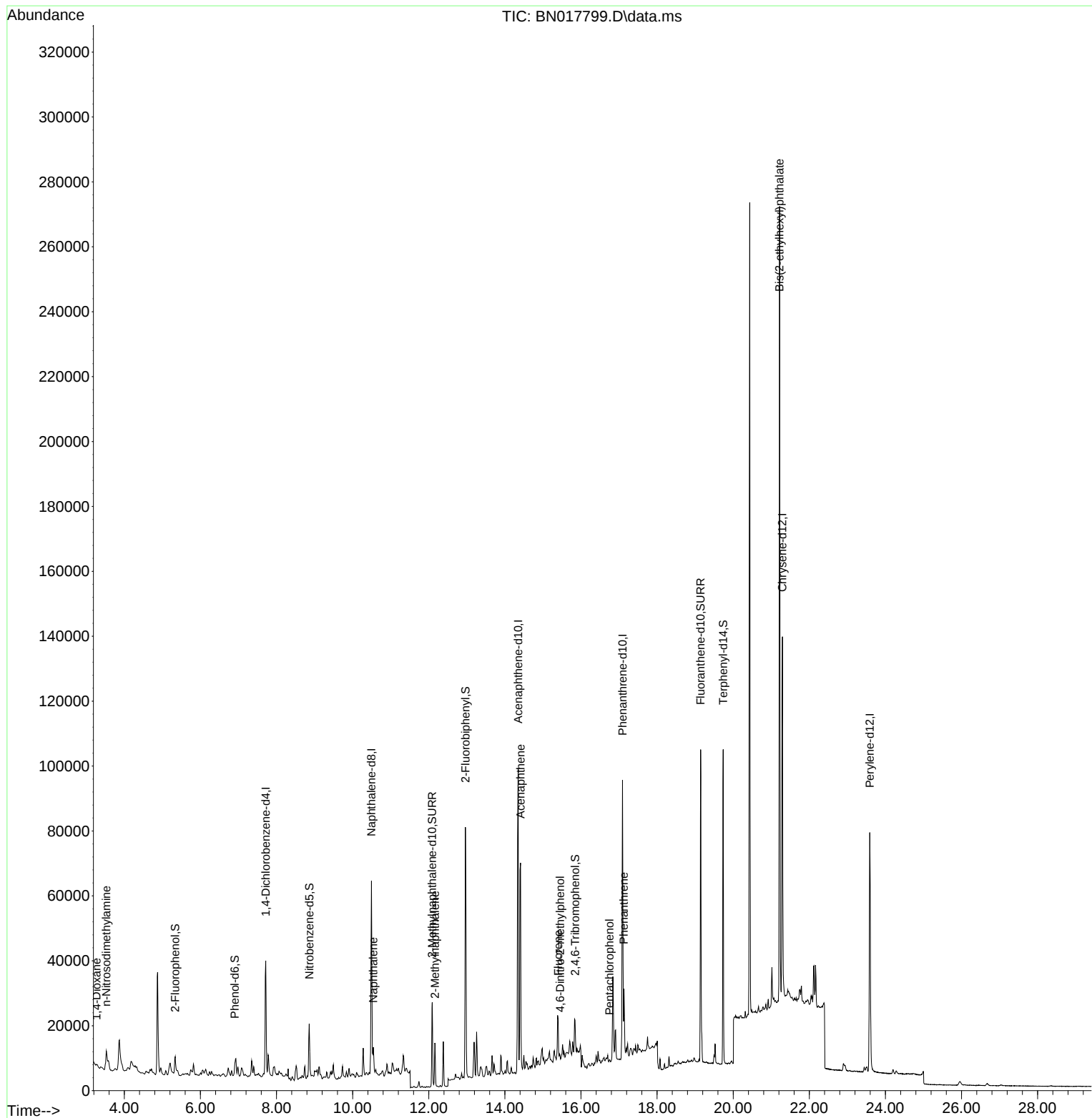
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20500	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83429	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	58679	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	121283	0.400	ng	0.00
29) Chrysene-d12	21.293	240	115213	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	105540	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6607	0.133	ng	0.00
5) Phenol-d6	6.903	99	3620	0.077	ng	0.00
8) Nitrobenzene-d5	8.859	82	15194	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	36767	0.221	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	10537	0.343	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67140	0.312	ng	0.00
27) Fluoranthene-d10	19.144	212	107892	0.266	ng	0.01
31) Terphenyl-d14	19.735	244	100685	0.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	230	0.030	ng	# 100
3) n-Nitrosodimethylamine	3.529	42	2239	0.106	ng	# 1
9) Naphthalene	10.545	128	9367	0.043	ng	# 93
12) 2-Methylnaphthalene	12.161	142	9658	0.061	ng	98
17) Acenaphthene	14.411	154	38188	0.249	ng	99
18) Fluorene	15.400	166	9394	0.048	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.451	198	137	0.188	ng	# 1
24) Pentachlorophenol	16.752	266	262	0.288	ng	89
25) Phenanthrene	17.129	178	22436	0.070	ng	99
34) Bis(2-ethylhexyl)phtha...	21.219	149	214159	1.333	ng	98

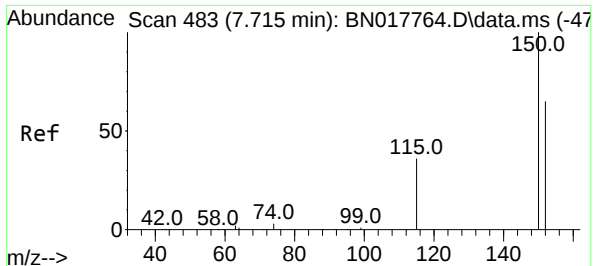
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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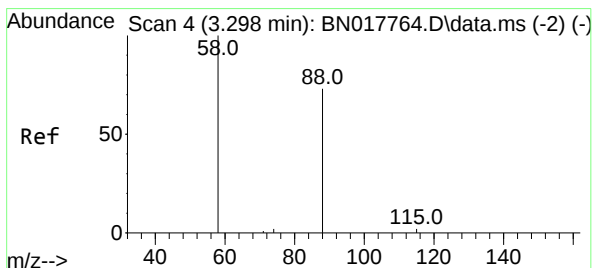
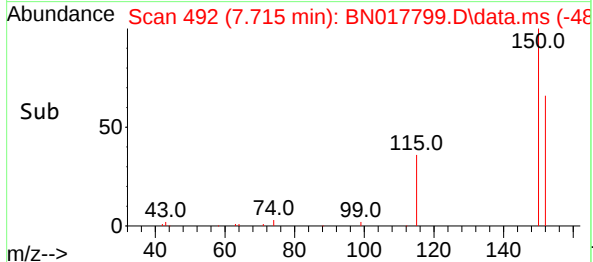
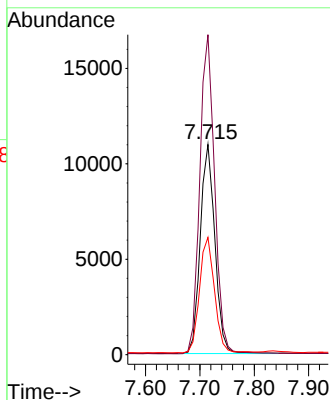
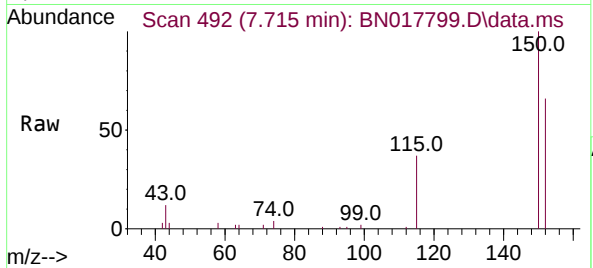




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017799.D
 Acq: 08 Dec 2021 14:46

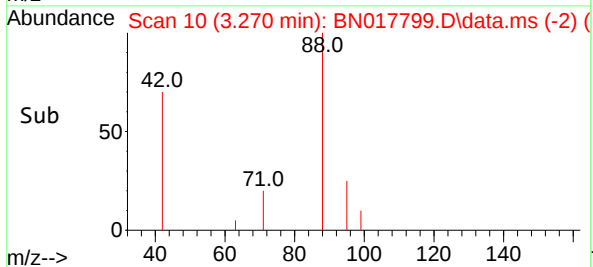
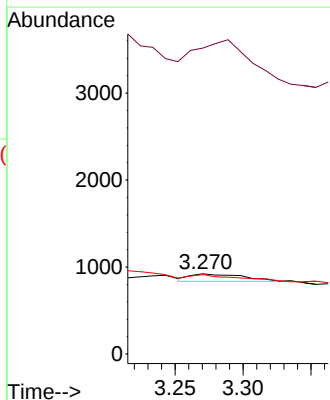
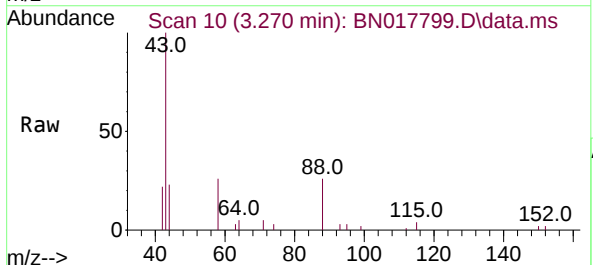
Instrument :
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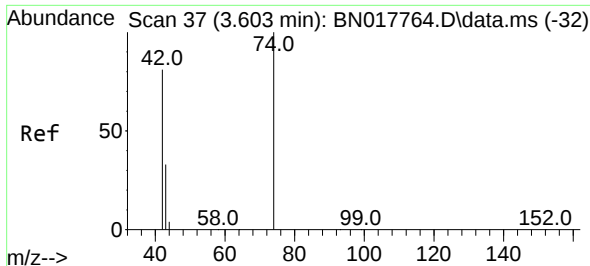
Tgt Ion:152 Resp: 20500
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.0 184.4
 115 55.7 45.3 67.9



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017799.D
 Acq: 08 Dec 2021 14:46

Tgt Ion: 88 Resp: 230
 Ion Ratio Lower Upper
 88 100
 43 515.2 0.0 0.0#
 58 0.0 0.0 0.0

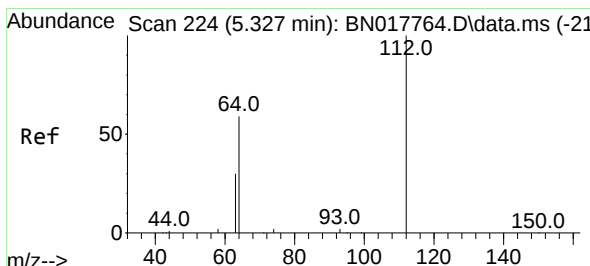
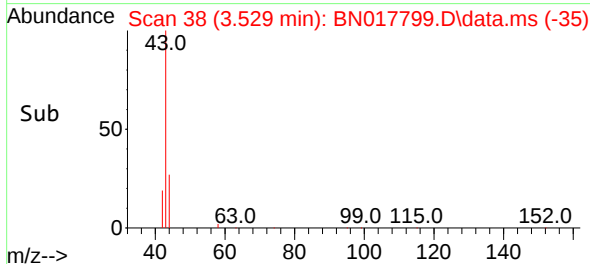
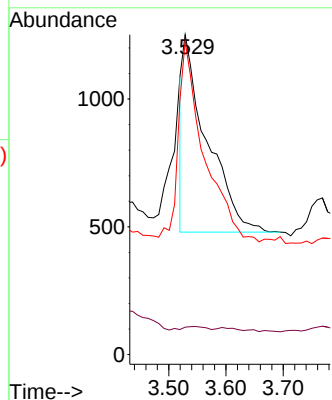
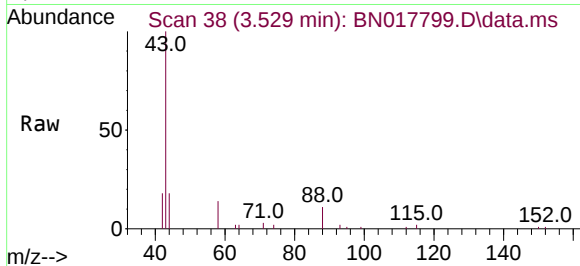




#3
n-Nitrosodimethylamine
Concen: 0.106 ng
RT: 3.529 min Scan# 31
Delta R.T. -0.074 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

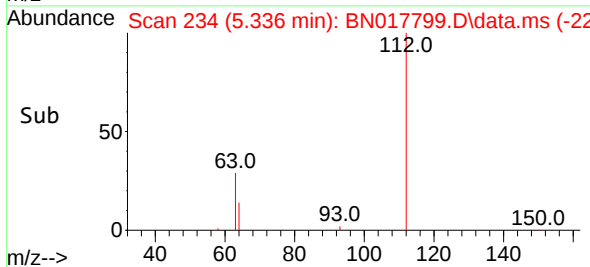
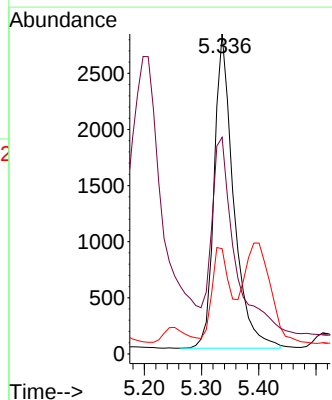
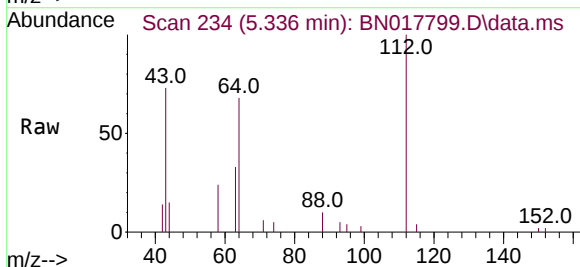
Instrument :
BNA_N
ClientSampleId :
MW-37

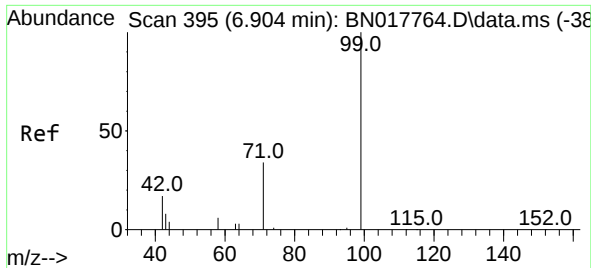
Tgt Ion: 42 Resp: 2239
Ion Ratio Lower Upper
42 100
74 1.4 101.3 151.9#
44 89.0 5.0 7.4#



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion: 112 Resp: 6607
Ion Ratio Lower Upper
112 100
64 66.9 49.3 73.9
63 27.8 25.8 38.8

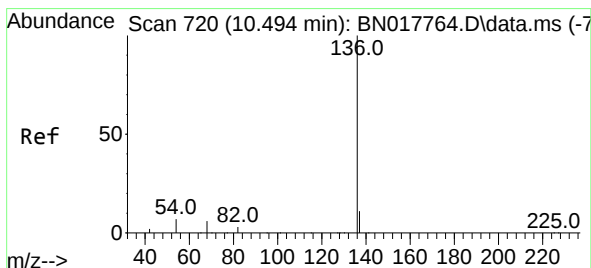
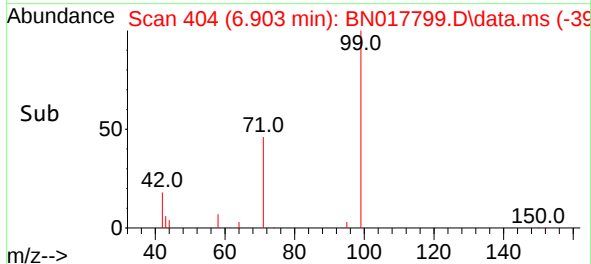
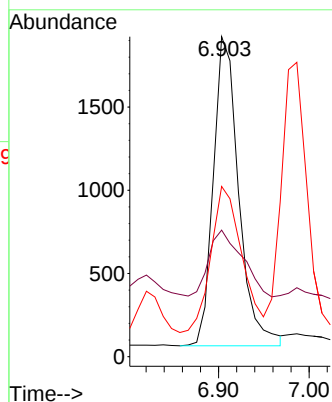
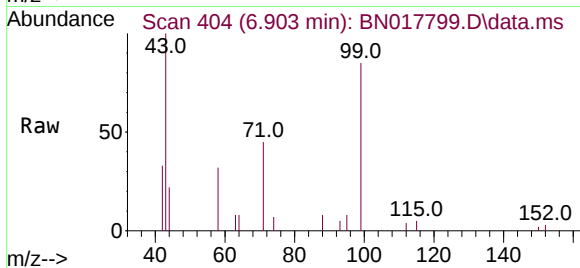




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

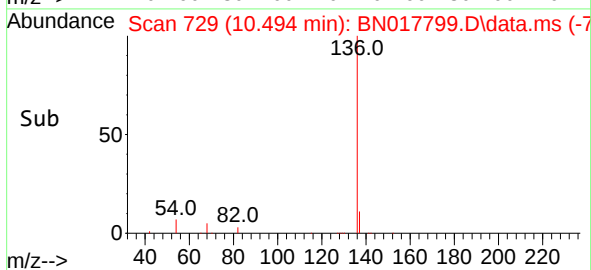
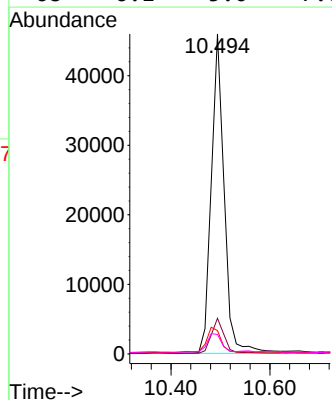
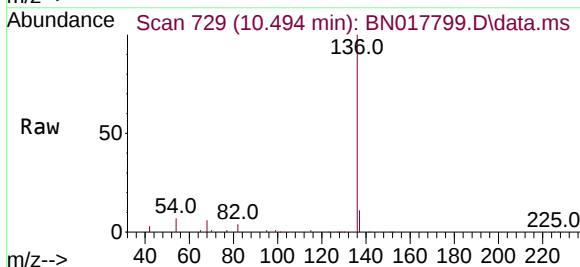
Instrument :
BNA_N
ClientSampleId :
MW-37

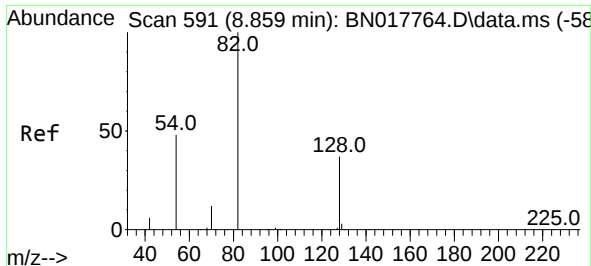
Tgt Ion: 99 Resp: 3620
Ion Ratio Lower Upper
99 100
42 28.4 16.6 25.0#
71 57.4 29.0 43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion: 136 Resp: 83429
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.9 8.9
68 6.1 5.0 7.6

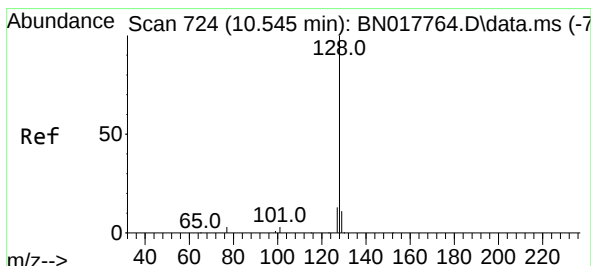
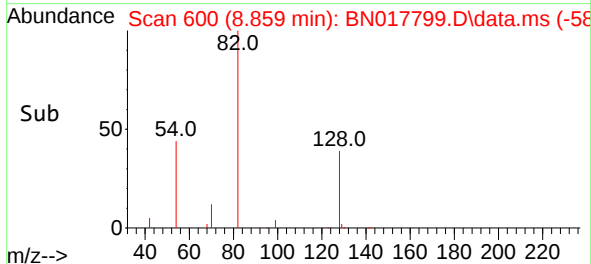
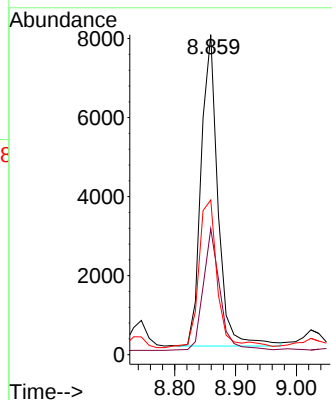
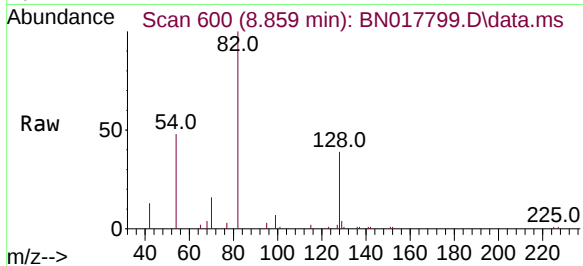




#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.859 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

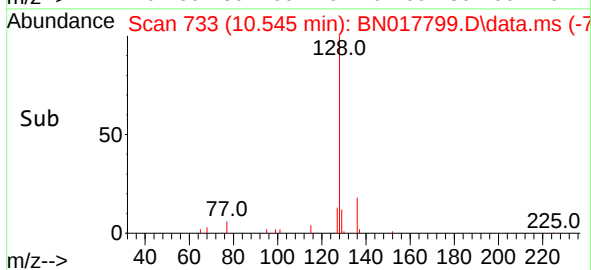
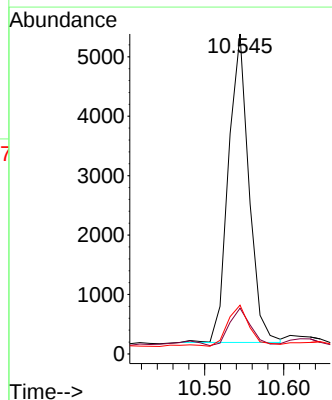
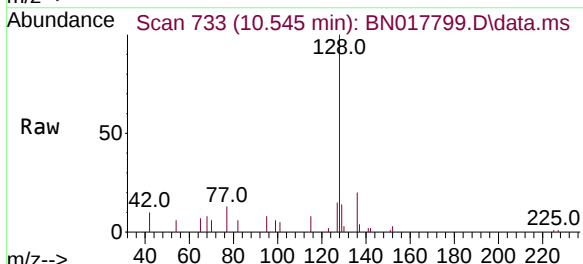
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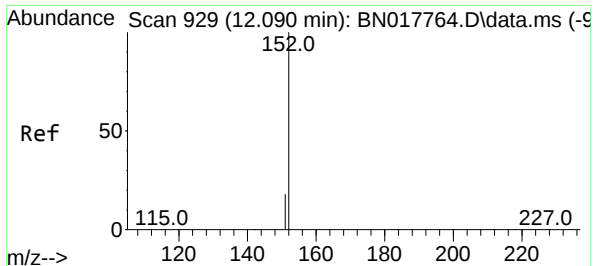
Tgt Ion: 82 Resp: 15194
Ion Ratio Lower Upper
82 100
128 39.3 30.2 45.2
54 48.4 39.0 58.6



#9
Naphthalene
Concen: 0.043 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion: 128 Resp: 9367
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 15.2 10.6 15.8

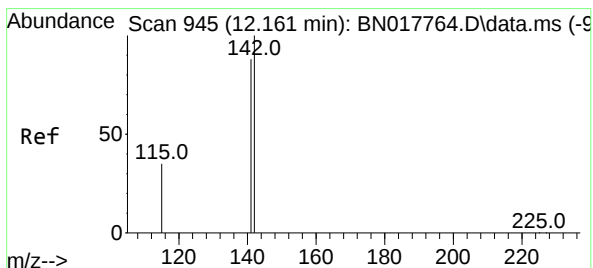
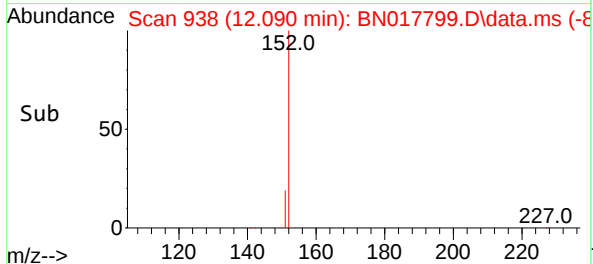
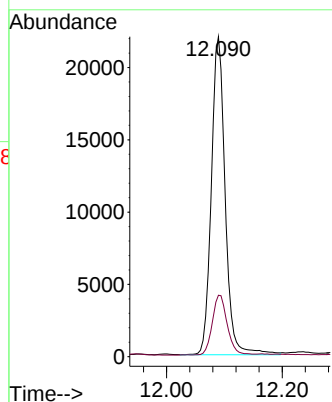
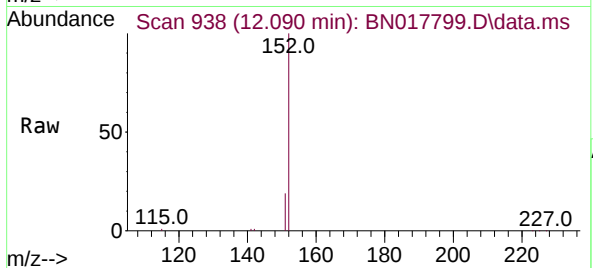




#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

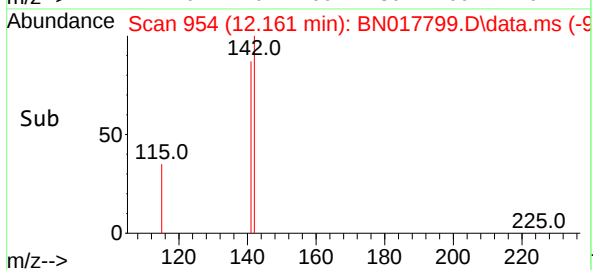
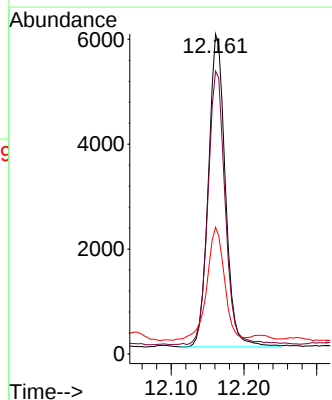
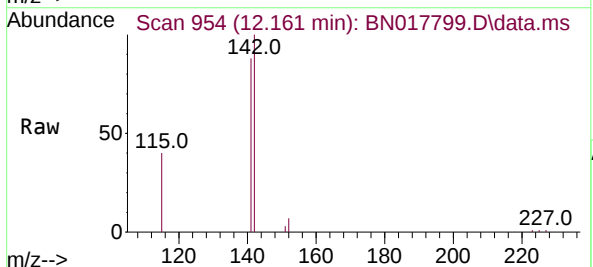
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ClientSampleId :
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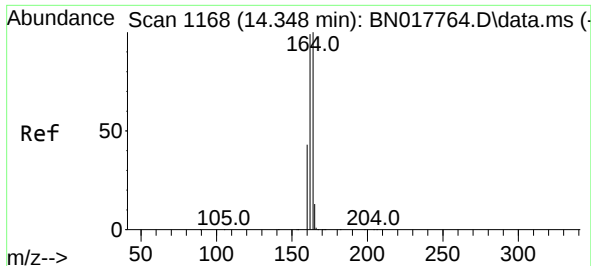
Tgt Ion:152 Resp: 36767
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.061 ng
RT: 12.161 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:142 Resp: 9658
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7
115 39.6 28.0 42.0

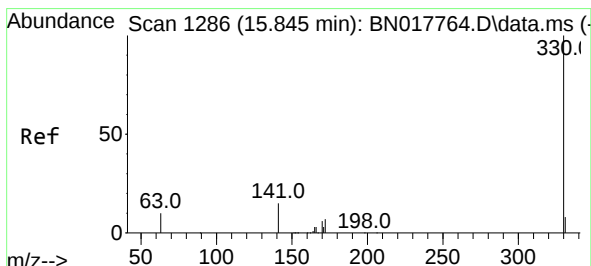
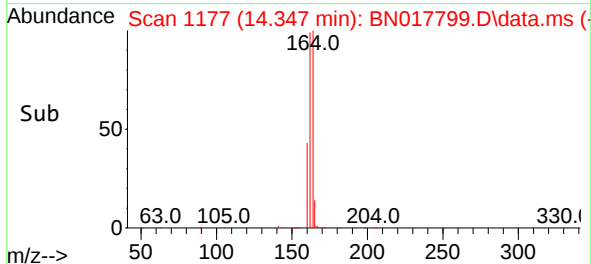
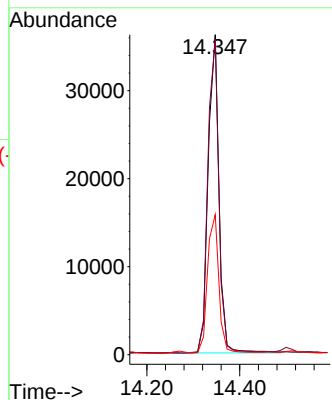
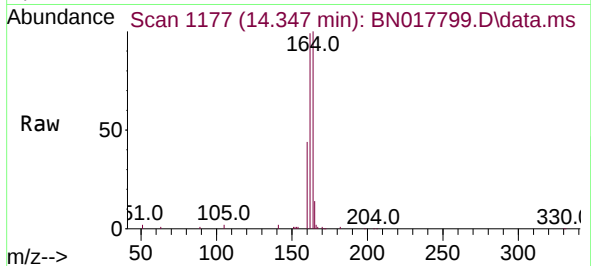




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

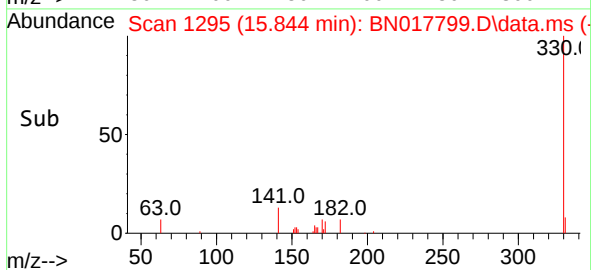
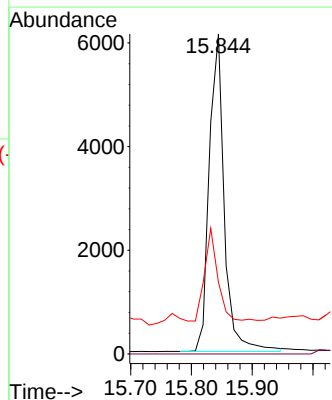
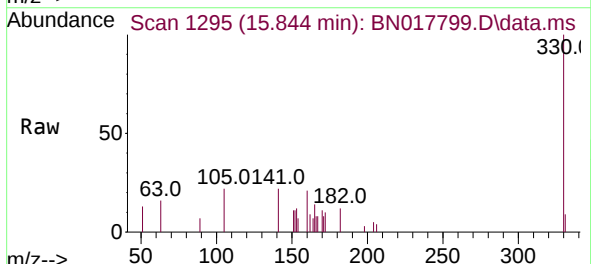
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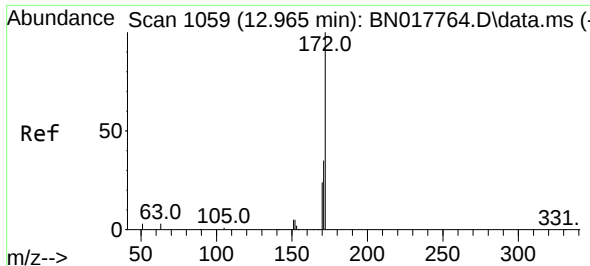
Tgt Ion:164 Resp: 58679
Ion Ratio Lower Upper
164 100
162 98.6 79.0 118.6
160 43.7 34.6 52.0



#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:330 Resp: 10537
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.5 21.5 32.3

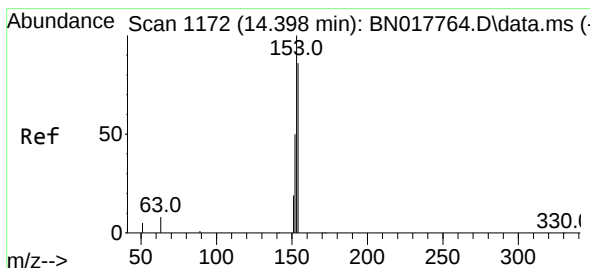
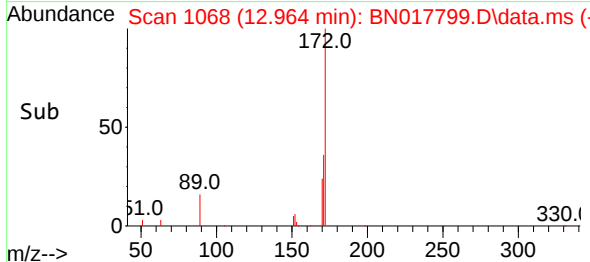
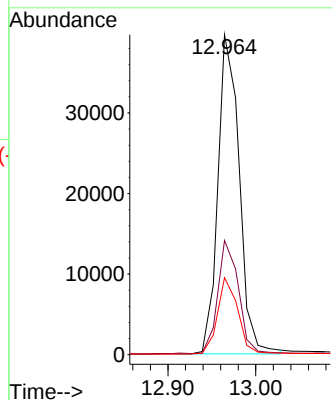
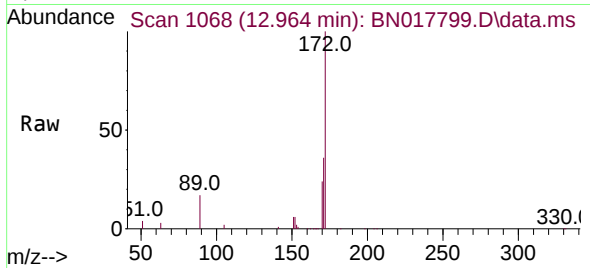




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

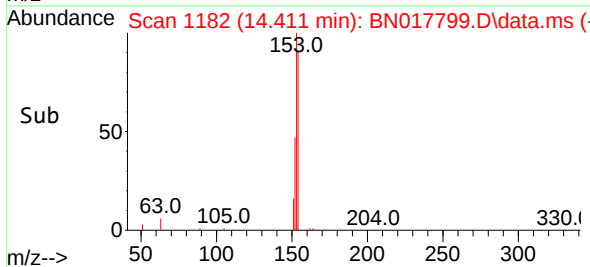
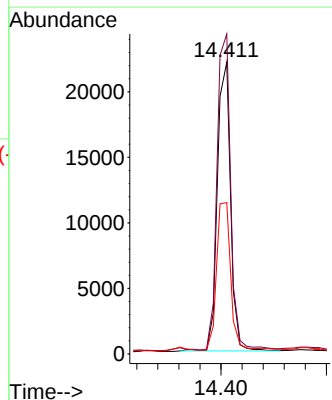
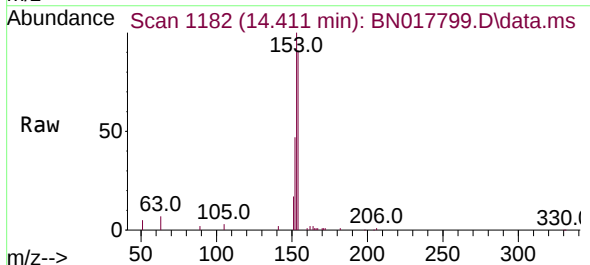
Instrument :
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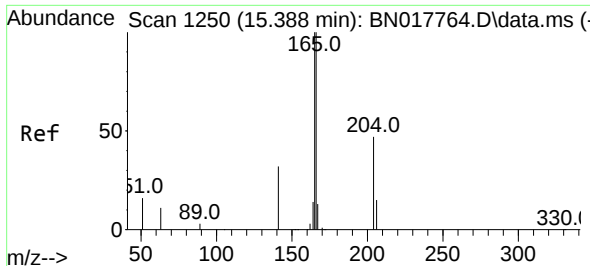
Tgt Ion:172 Resp: 67140
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.0 18.9 28.3



#17
Acenaphthene
Concen: 0.249 ng
RT: 14.411 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:154 Resp: 38188
Ion Ratio Lower Upper
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153 113.3 90.1 135.1
152 55.2 43.7 65.5

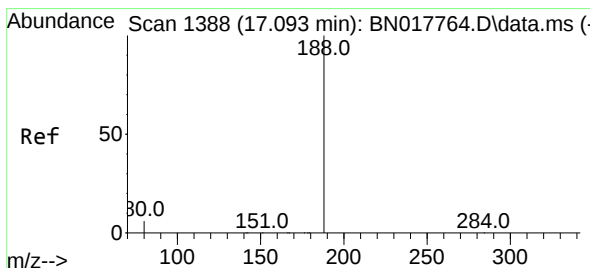
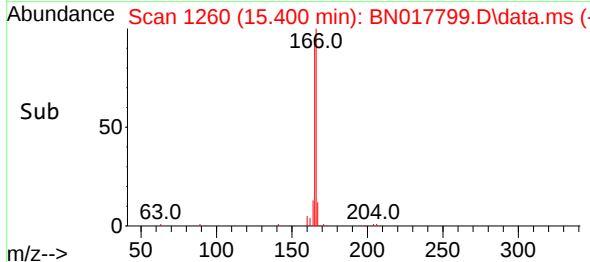
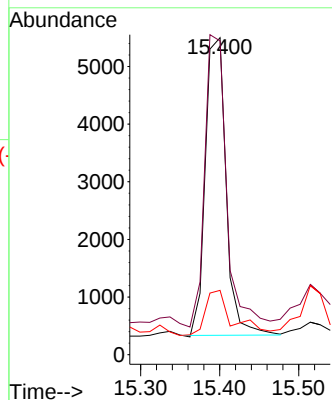
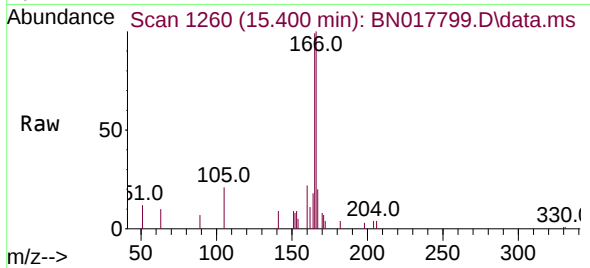




#18
Fluorene
Concen: 0.048 ng
RT: 15.400 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

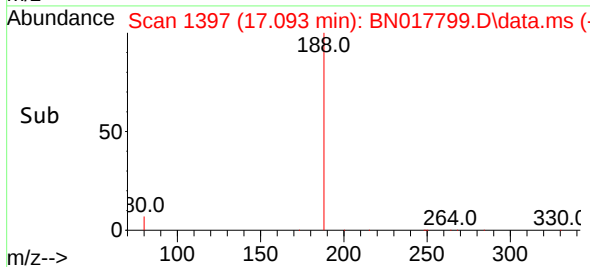
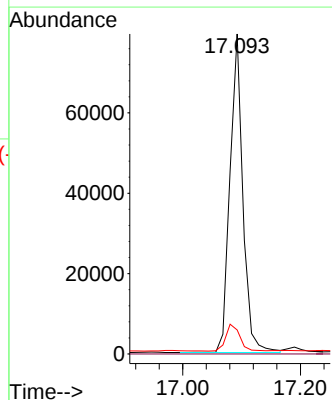
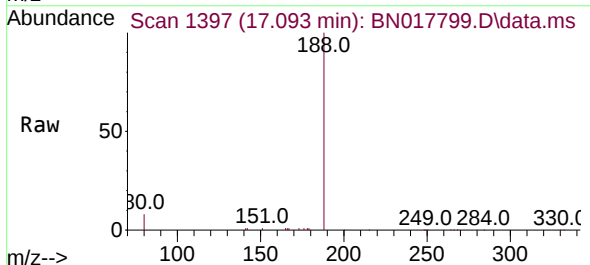
Instrument :
BNA_N
ClientSampleId :
MW-37

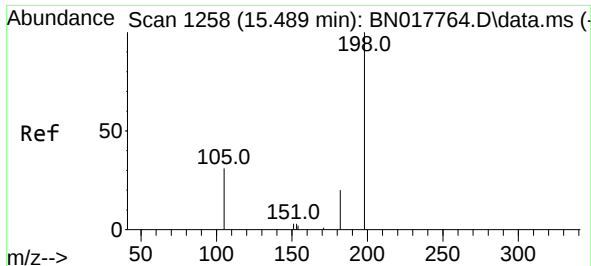
Tgt Ion:166 Resp: 9394
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 20.1 11.0 16.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:188 Resp: 121283
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 5.1 7.7

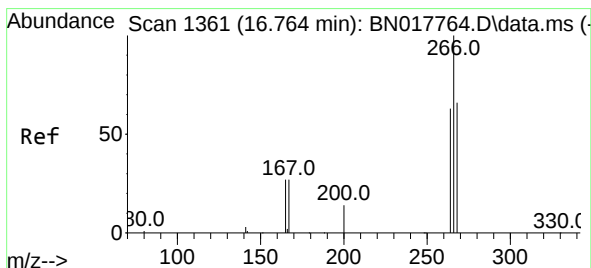
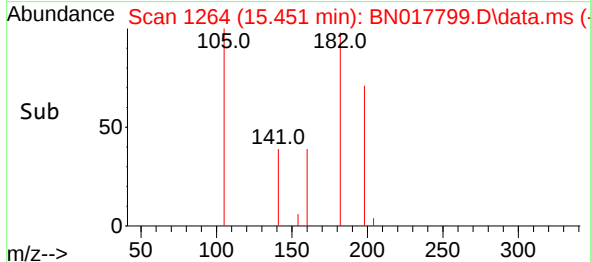
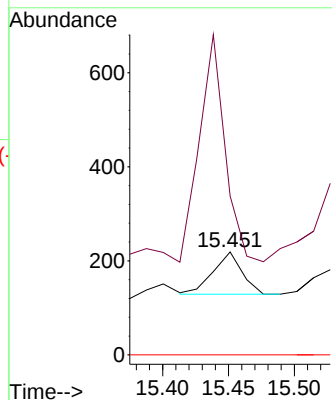
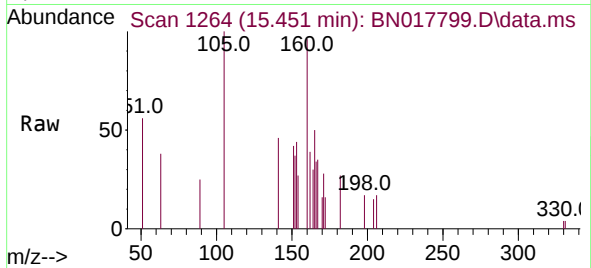




#20
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.451 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

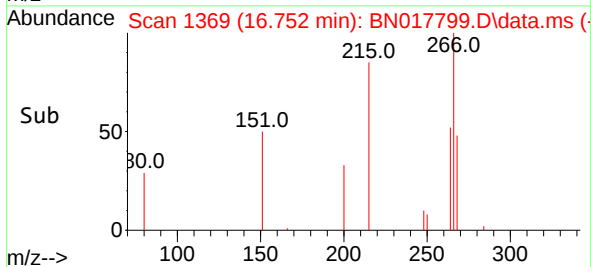
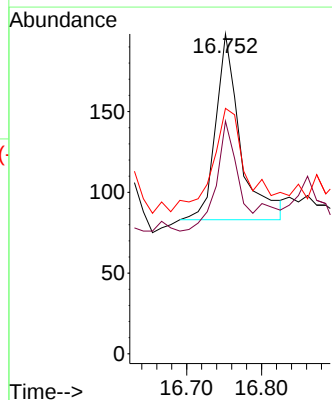
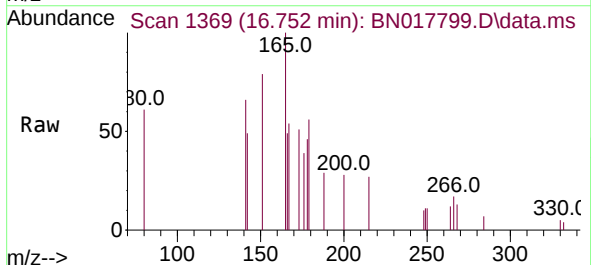
Instrument :
BNA_N
ClientSampleId :
MW-37

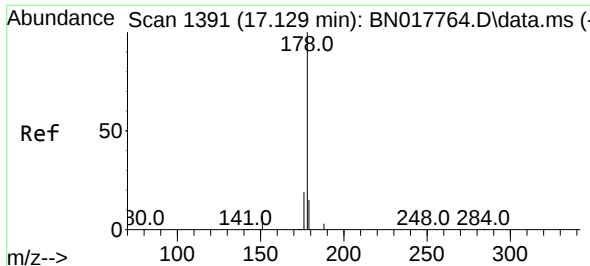
Tgt Ion:198 Resp: 137
Ion Ratio Lower Upper
198 100
182 154.3 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:266 Resp: 262
Ion Ratio Lower Upper
266 100
264 52.3 50.8 76.2
268 58.4 51.8 77.6

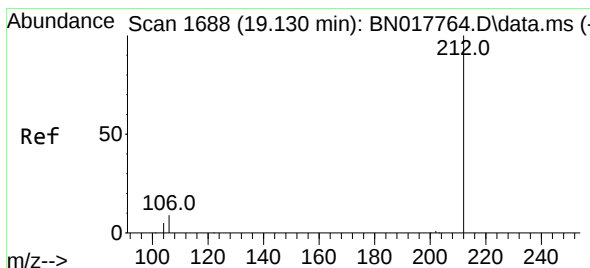
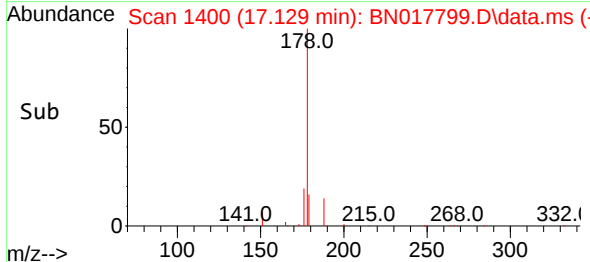
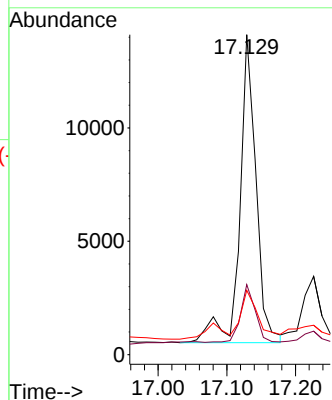
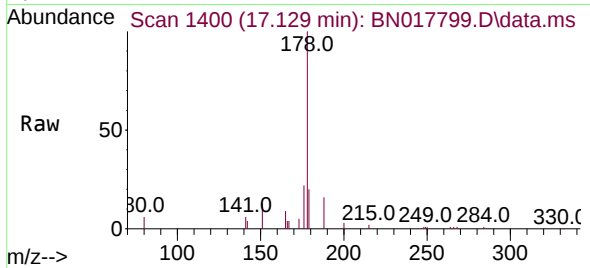




#25
Phenanthrene
Concen: 0.070 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

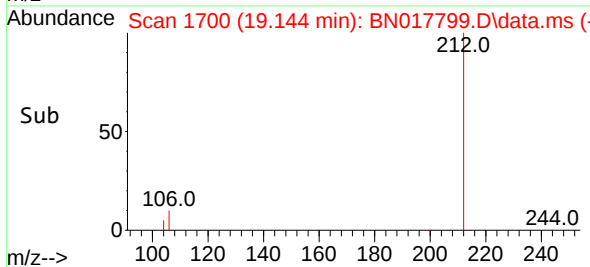
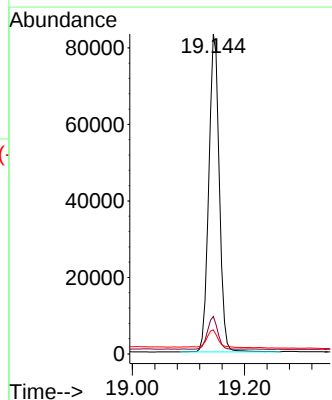
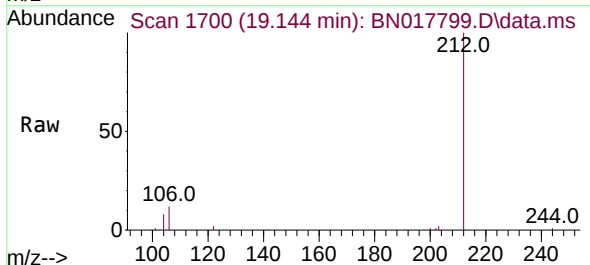
Instrument :
BNA_N
ClientSampleId :
MW-37

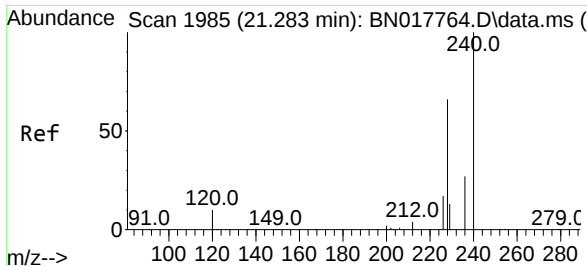
Tgt Ion:178 Resp: 22436
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.2 12.5 18.7



#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.144 min Scan# 1700
Delta R.T. 0.015 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:212 Resp: 107892
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.9 4.6 6.8

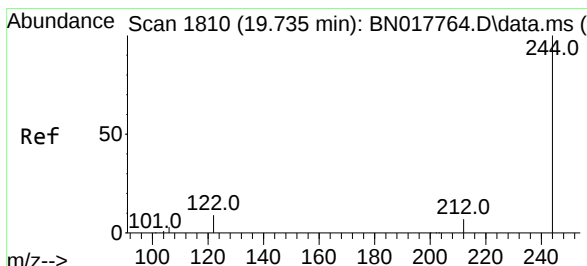
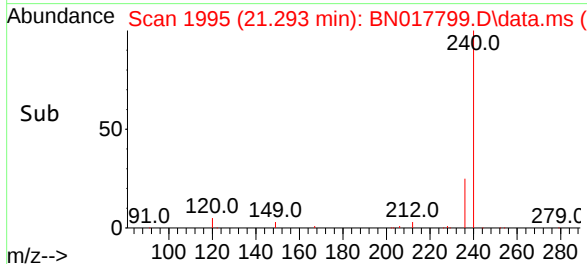
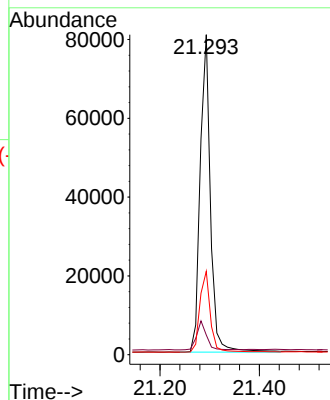
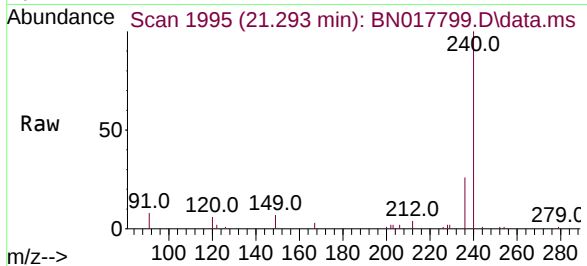




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

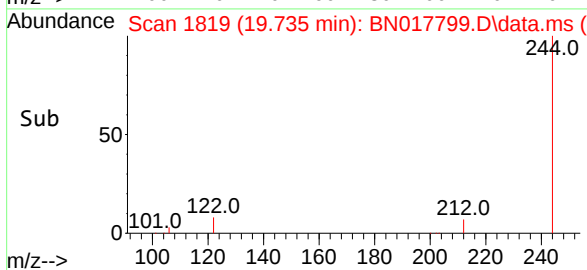
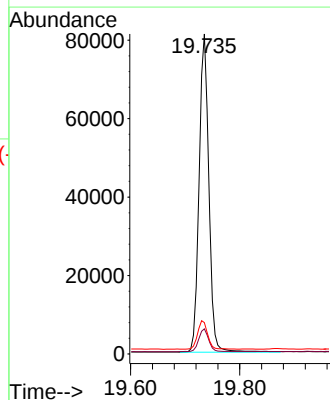
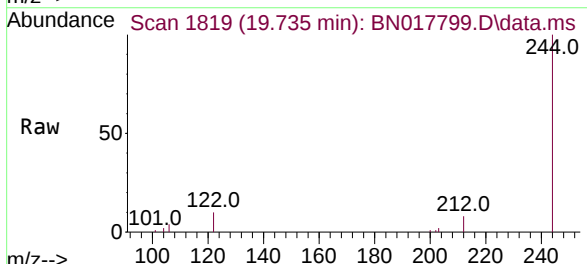
Instrument :
BNA_N
ClientSampleId :
MW-37

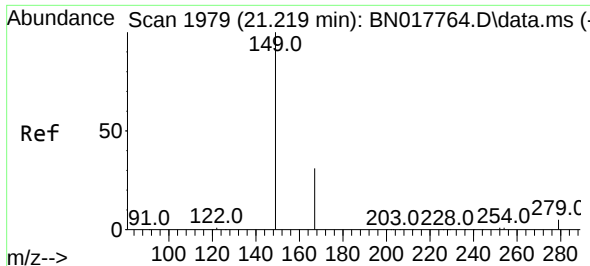
Tgt Ion:240 Resp: 115213
Ion Ratio Lower Upper
240 100
120 6.2 7.9 11.9#
236 26.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:244 Resp: 100685
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 9.8 7.1 10.7

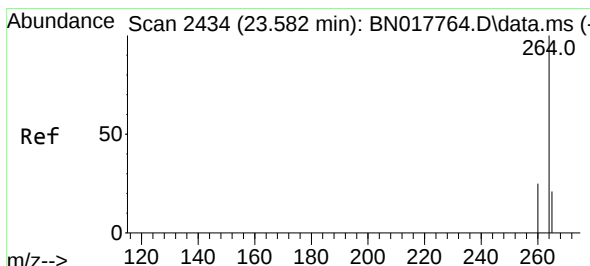
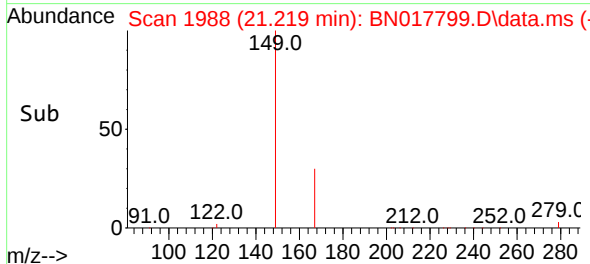
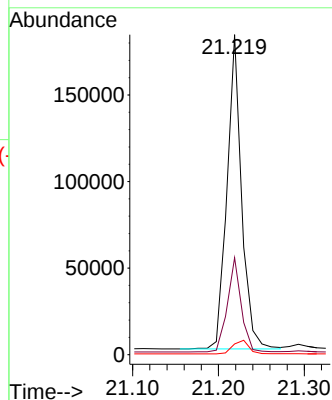
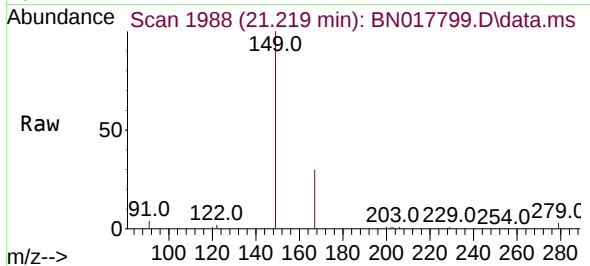




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.333 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017799.D
 Acq: 08 Dec 2021 14:46

Instrument :
 BNA_N
 ClientSampleId :
 MW-37

Tgt Ion:	149	Resp:	214159
Ion Ratio	Lower	Upper	
149	100		
167	28.4	23.5	35.3
279	4.8	3.8	5.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.007 min
 Lab File: BN017799.D
 Acq: 08 Dec 2021 14:46

Tgt Ion:	264	Resp:	105540
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.0	30.0
265	25.1	20.5	30.7

