

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017751.D
 Acq On : 07 Dec 2021 04:57
 Operator : CG/JU
 Sample : M4918-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-38I

Quant Time: Dec 07 06:53:54 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)

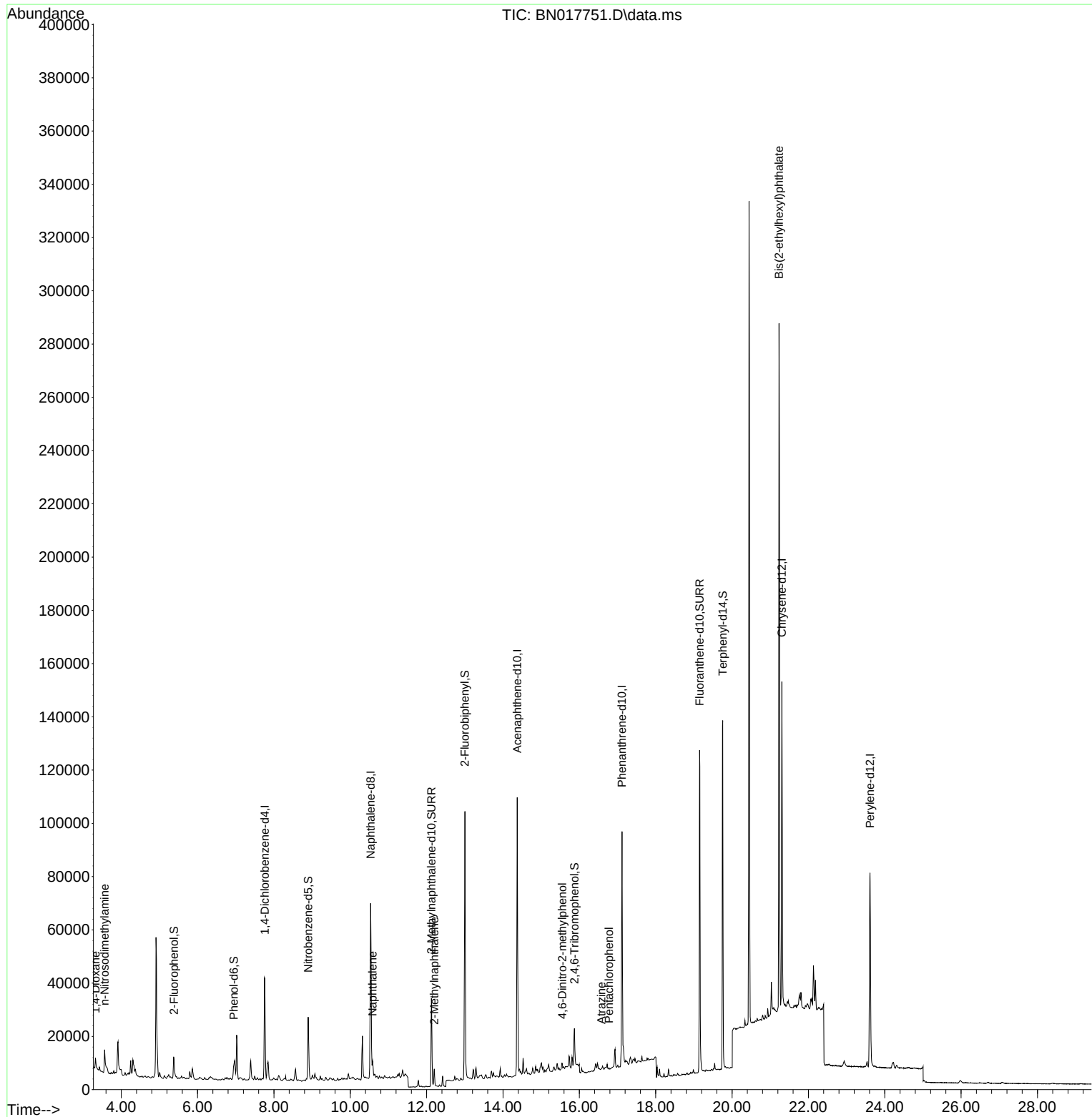
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	22804	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	93198	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	61572	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	128911	0.400	ng	0.00
29) Chrysene-d12	21.304	240	118028	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	102009	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	7924	0.162	ng	0.03
5) Phenol-d6	6.950	99	5217	0.100	ng	0.02
8) Nitrobenzene-d5	8.897	82	21859	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	47029	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	14771	0.520	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	87955	0.386	ng	0.00
27) Fluoranthene-d10	19.149	212	152396	0.351	ng	0.00
31) Terphenyl-d14	19.755	244	142594	0.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	1449	0.096	ng	# 68
3) n-Nitrosodimethylamine	3.566	42	2245	0.104	ng	# 1
9) Naphthalene	10.583	128	6327	0.027	ng	# 91
12) 2-Methylnaphthalene	12.201	142	4779	0.030	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.553	198	24	0.119	ng	# 1
23) Atrazine	16.581	200	229	0.101	ng	# 1
24) Pentachlorophenol	16.776	266	120	0.166	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.229	149	263640	1.416	ng	98

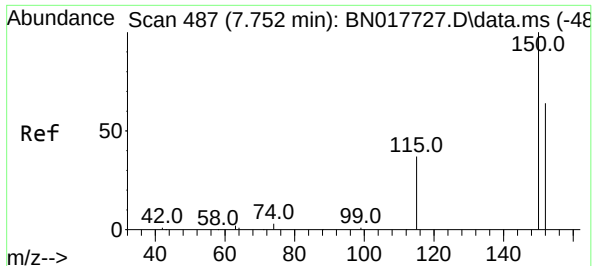
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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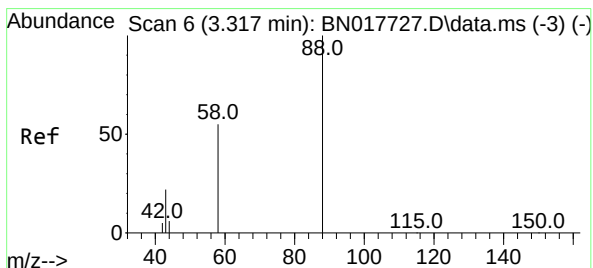
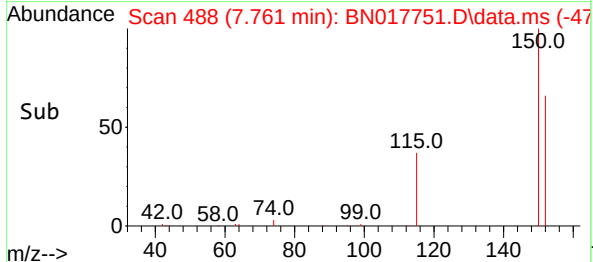
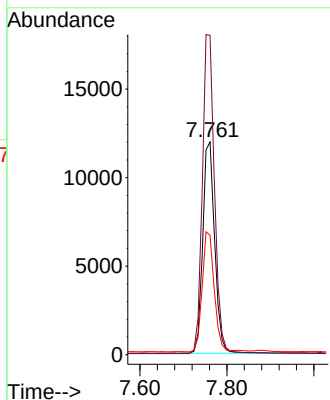
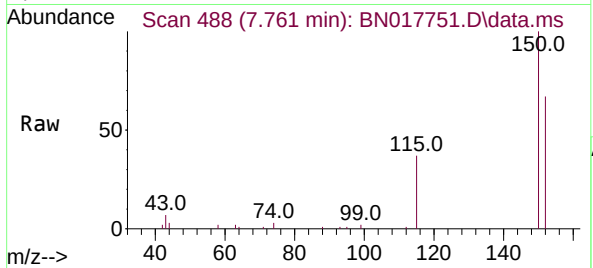




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 4
 Delta R.T. 0.009 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

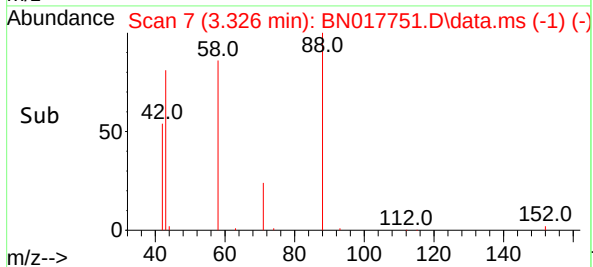
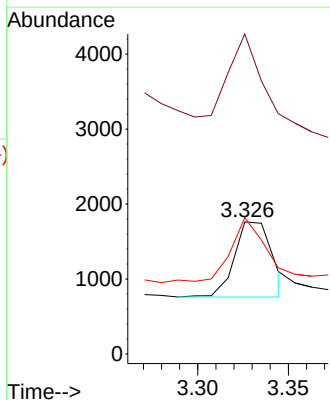
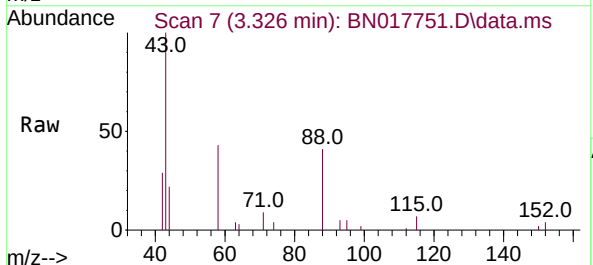
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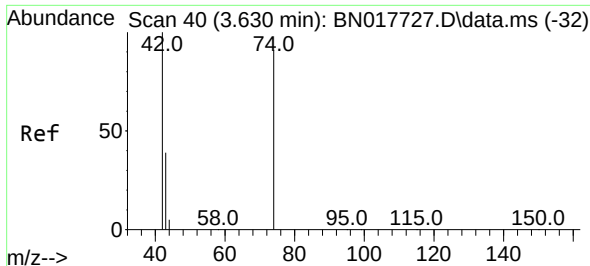
Tgt Ion:152 Resp: 22804
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.0 184.4
 115 56.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.096 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

Tgt Ion: 88 Resp: 1449
 Ion Ratio Lower Upper
 88 100
 43 85.6 24.7 37.1#
 58 74.3 63.0 94.6

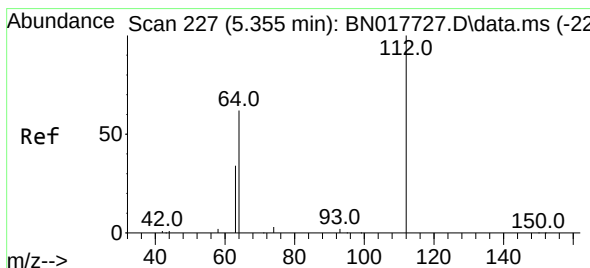
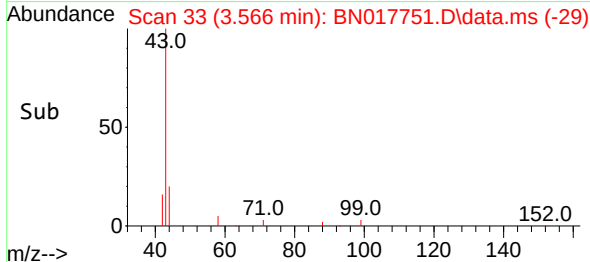
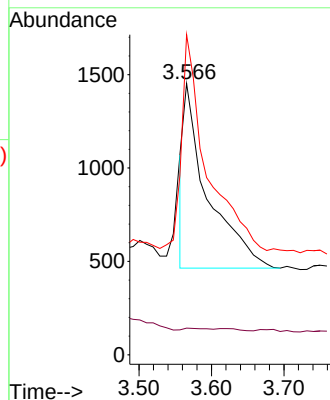
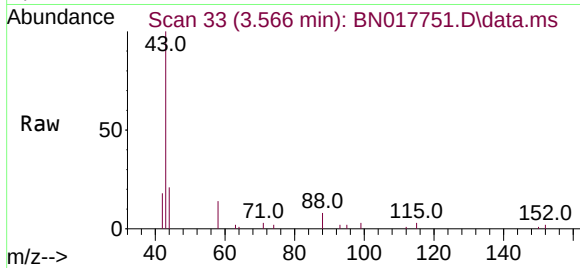




#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.566 min Scan# 31
Delta R.T. -0.065 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

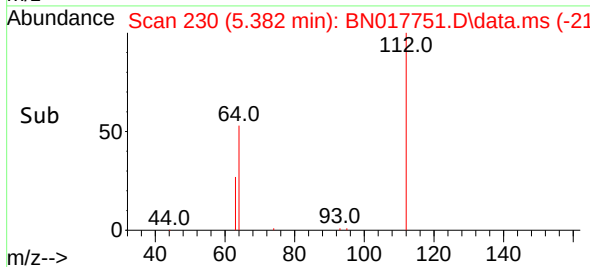
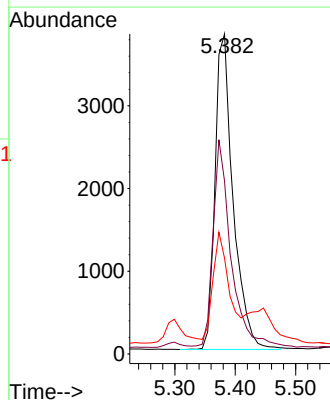
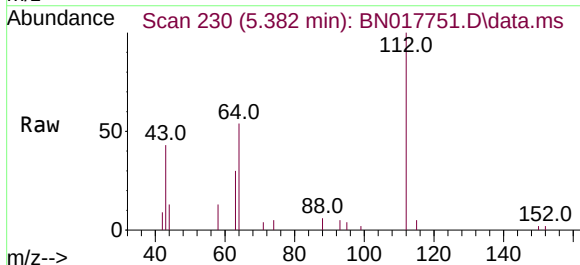
Instrument :
BNA_N
ClientSampleId :
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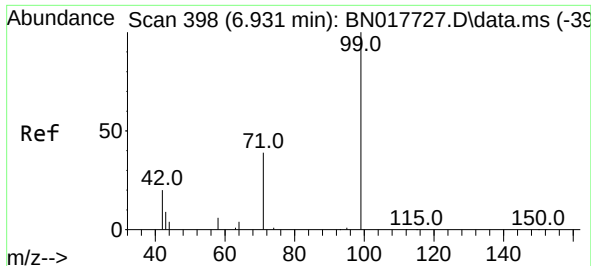
Tgt Ion: 42 Resp: 2245
Ion Ratio Lower Upper
42 100
74 0.8 97.8 146.6#
44 116.1 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.382 min Scan# 230
Delta R.T. 0.027 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion: 112 Resp: 7924
Ion Ratio Lower Upper
112 100
64 63.4 47.6 71.4
63 30.0 24.6 37.0

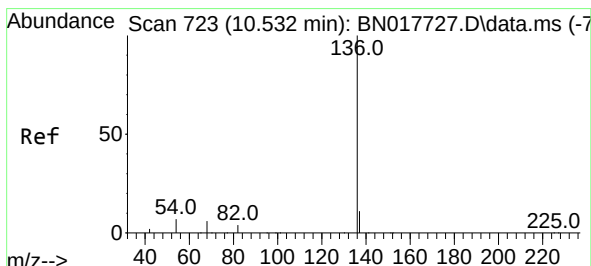
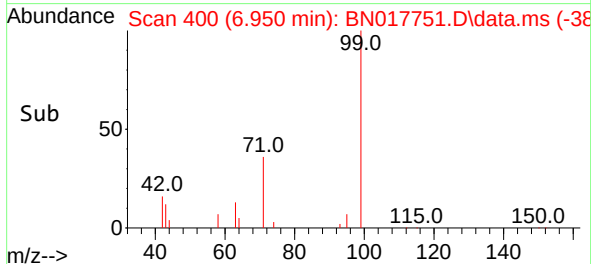
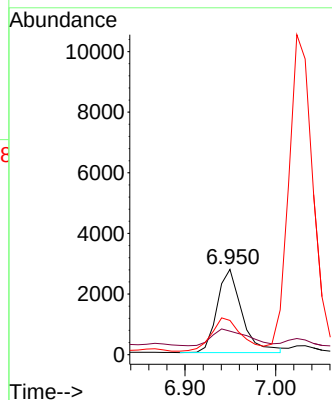
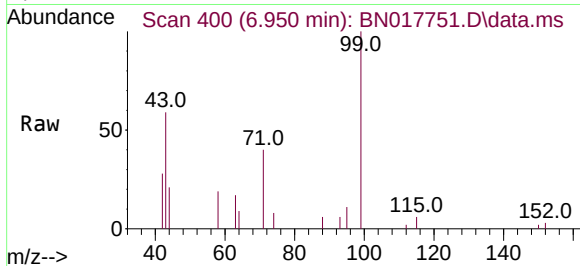




#5
Phenol-d6
Concen: 0.100 ng
RT: 6.950 min Scan# 40
Delta R.T. 0.018 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

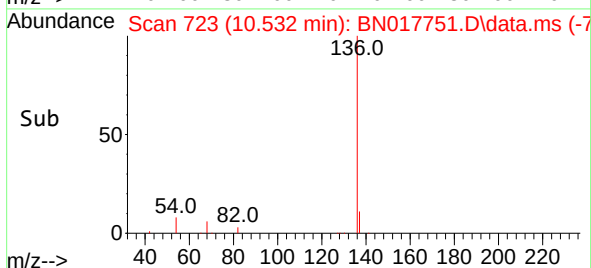
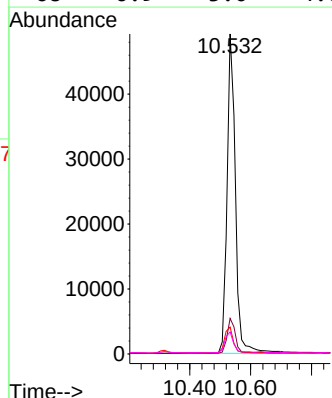
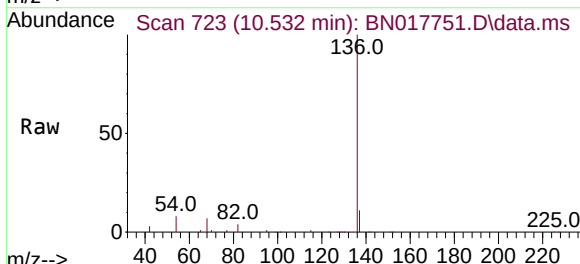
Instrument :
BNA_N
ClientSampleId :
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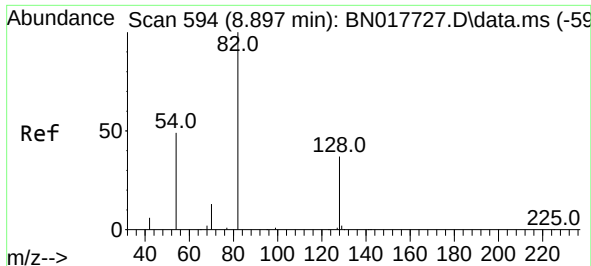
Tgt Ion: 99 Resp: 5217
Ion Ratio Lower Upper
99 100
42 28.1 17.0 25.6#
71 48.5 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion: 136 Resp: 93198
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 4.0 6.0#
68 6.9 3.0 4.6#

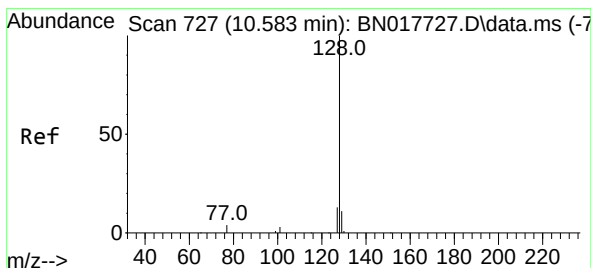
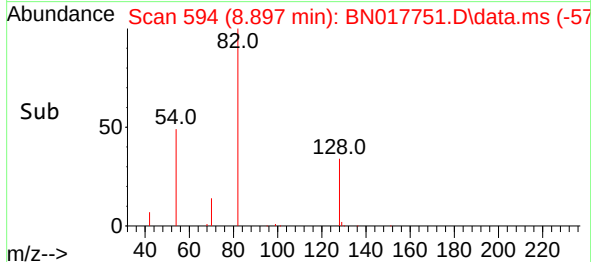
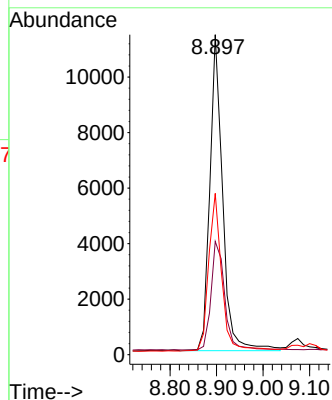
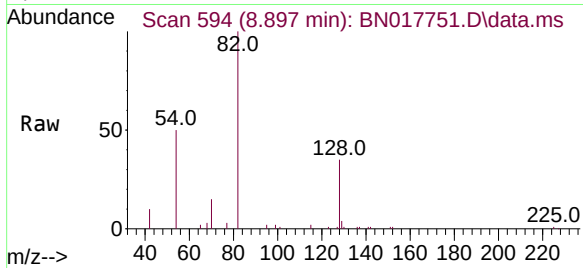




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

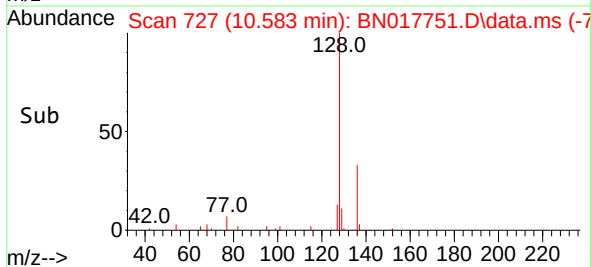
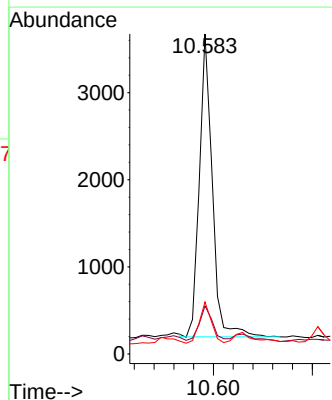
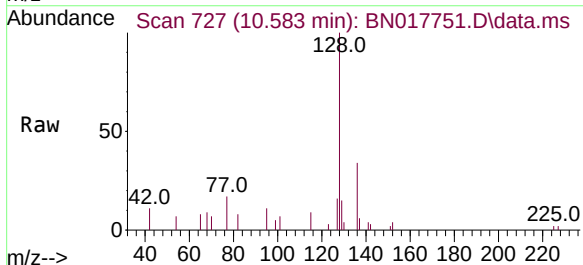
Instrument :
BNA_N
ClientSampleId :
MW-38I

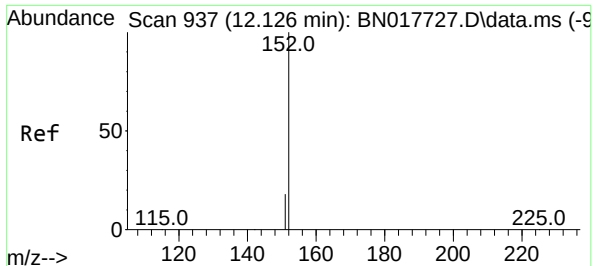
Tgt Ion: 82 Resp: 21859
Ion Ratio Lower Upper
82 100
128 35.4 27.7 41.5
54 50.4 49.2 73.8



#9
Naphthalene
Concen: 0.027 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion: 128 Resp: 6327
Ion Ratio Lower Upper
128 100
129 15.0 8.8 13.2#
127 16.3 10.6 15.8#

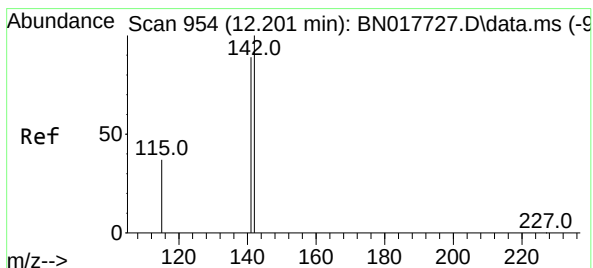
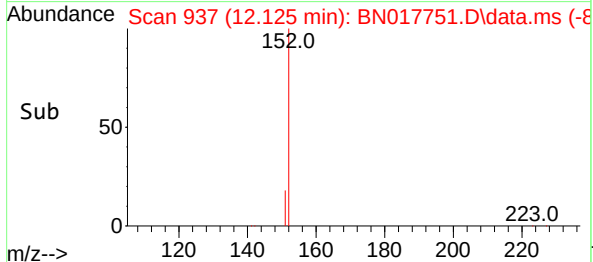
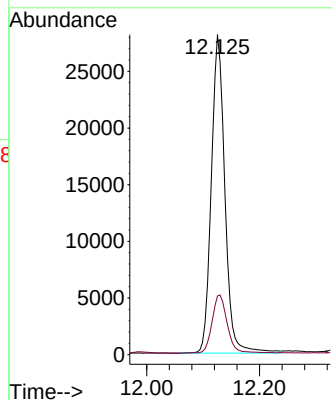
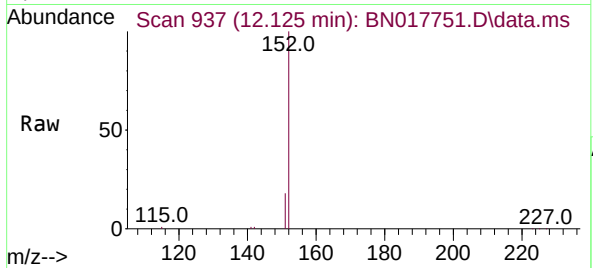




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.125 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

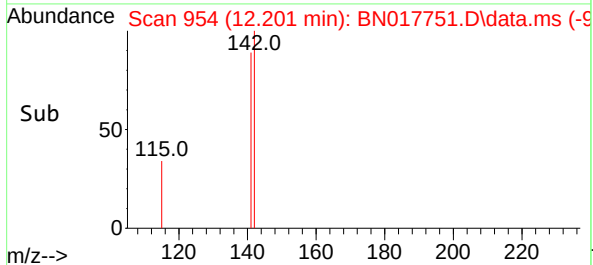
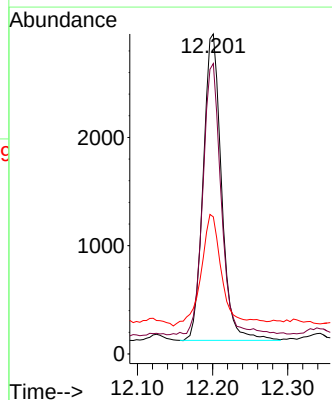
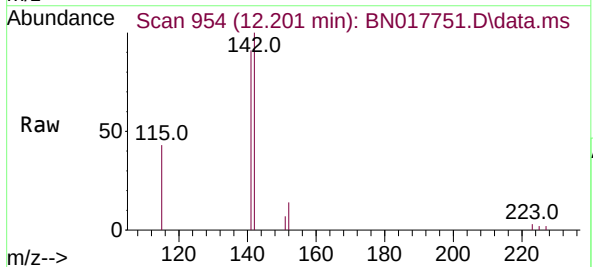
Instrument :
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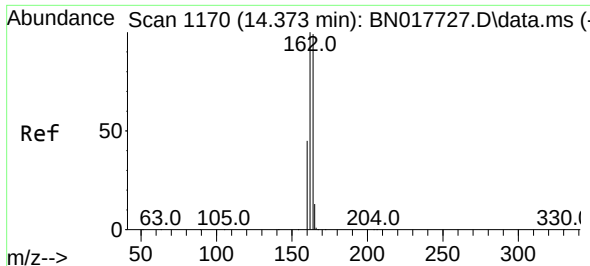
Tgt Ion:152 Resp: 47029
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.201 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion:142 Resp: 4779
Ion Ratio Lower Upper
142 100
141 90.8 70.6 106.0
115 42.9 25.8 38.6#

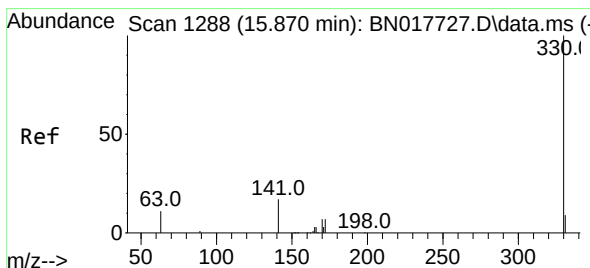
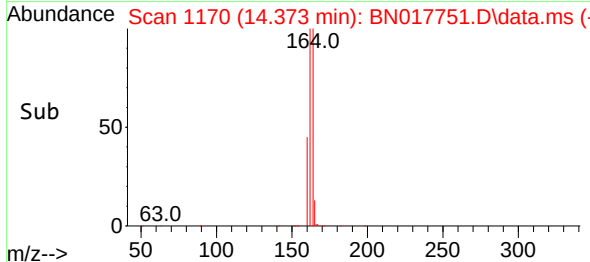
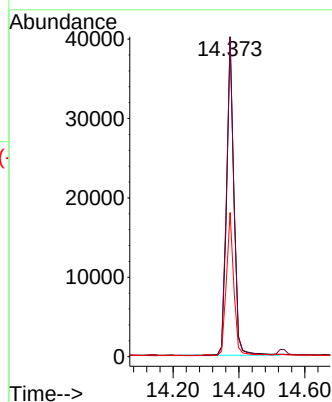
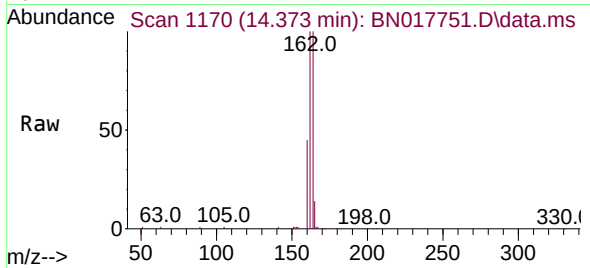




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

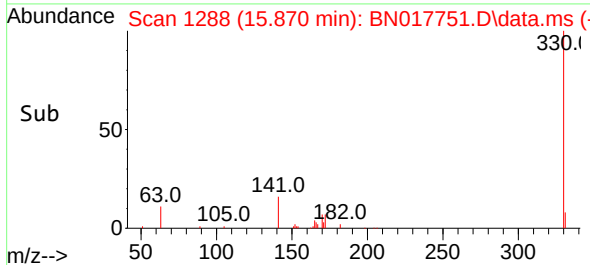
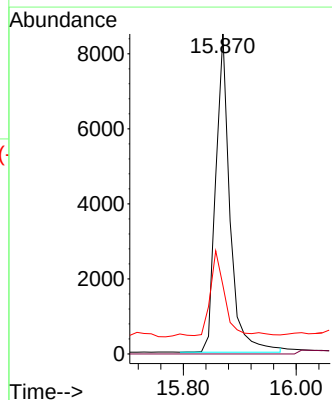
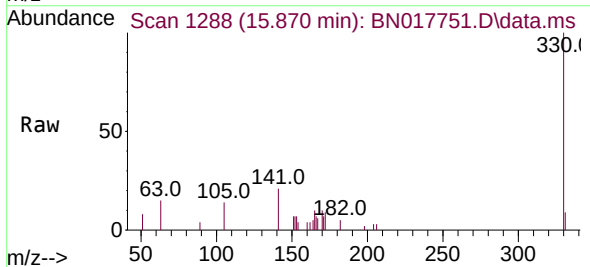
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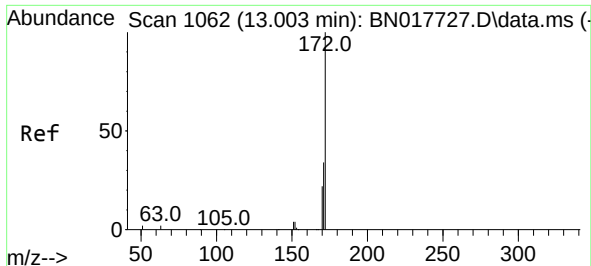
Tgt Ion:164 Resp: 61572
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.2
160 45.0 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion:330 Resp: 14771
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.7 28.9 43.3#

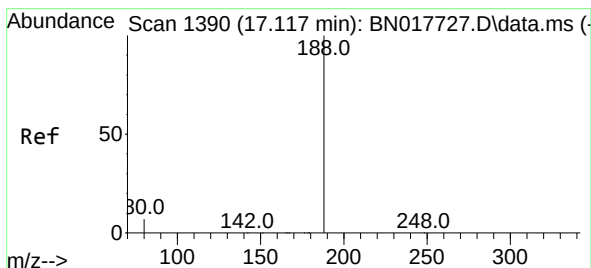
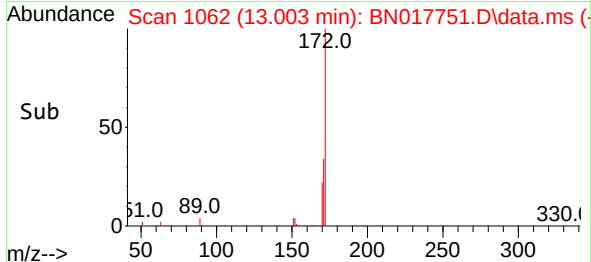
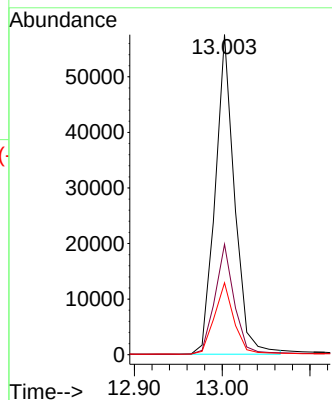
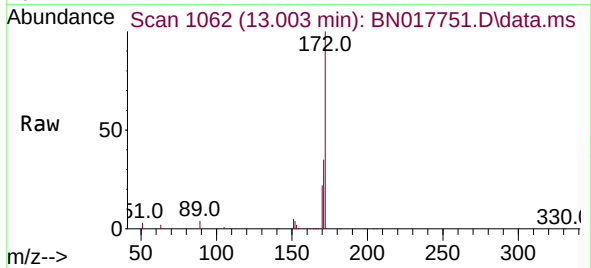




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

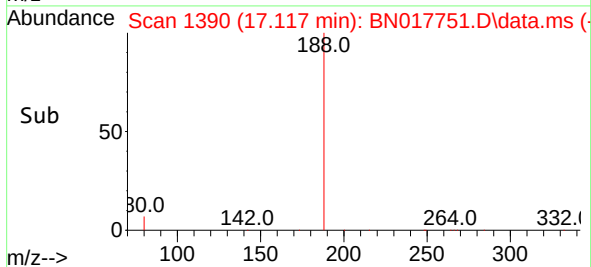
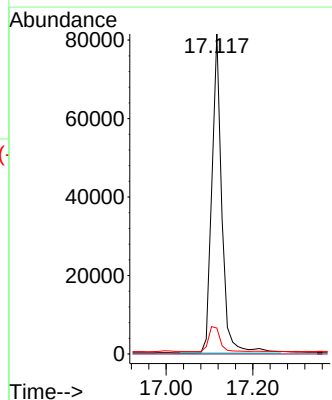
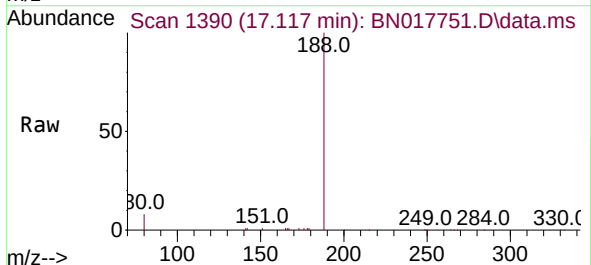
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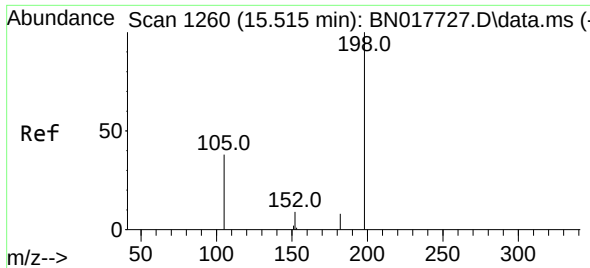
Tgt Ion:172 Resp: 87955
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.5 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion:188 Resp: 128911
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.1 9.1

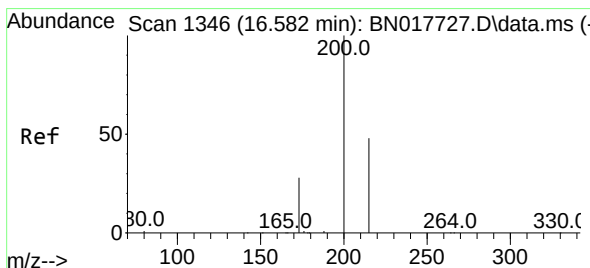
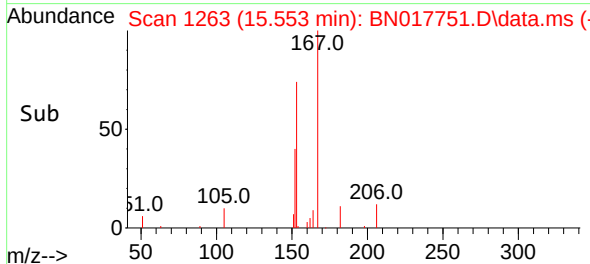
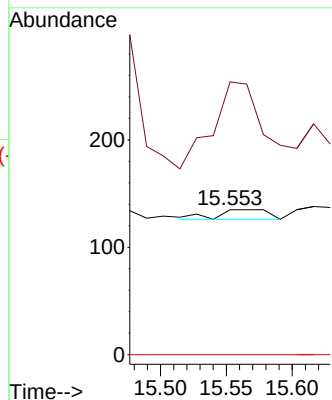
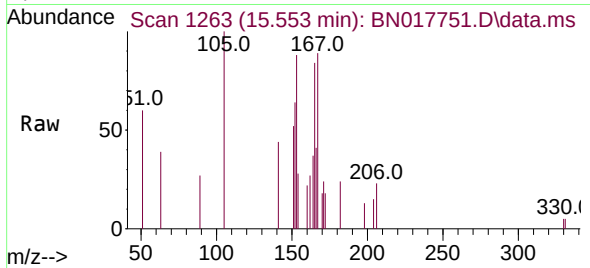




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.553 min Scan# 1263
Delta R.T. 0.038 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

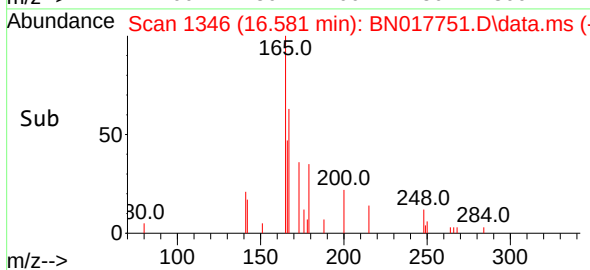
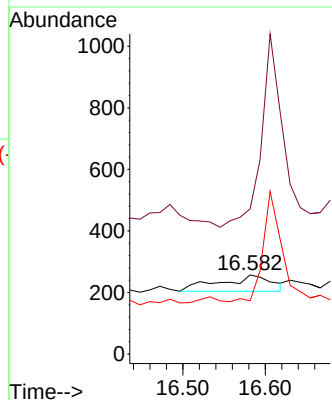
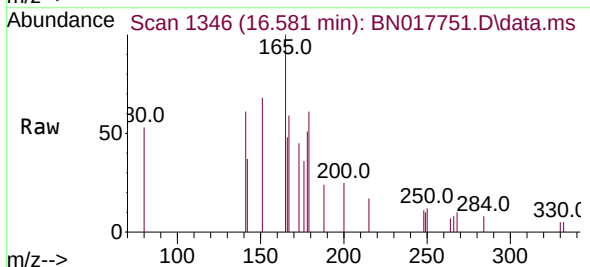
Instrument :
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MW-38I

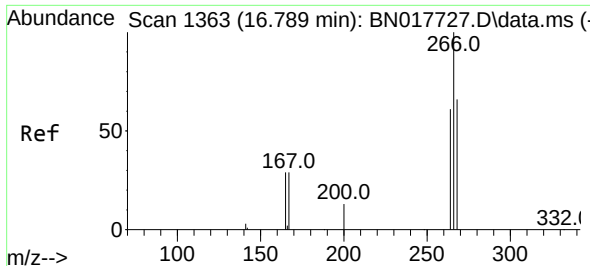
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 188.1 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.101 ng
RT: 16.581 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion:200 Resp: 229
Ion Ratio Lower Upper
200 100
173 183.7 17.6 26.4#
215 67.3 40.2 60.4#

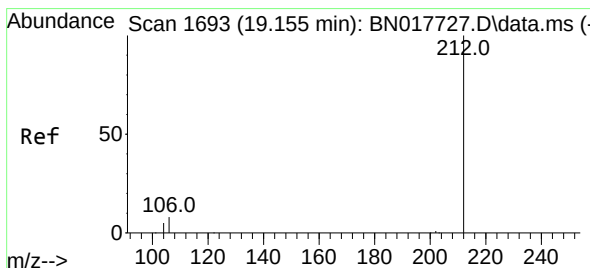
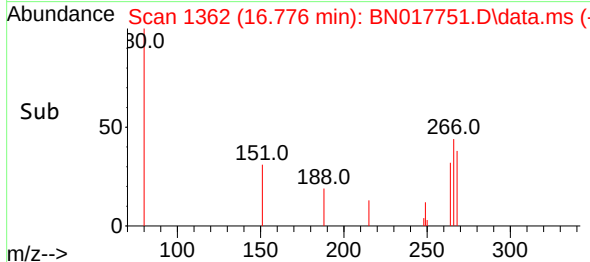
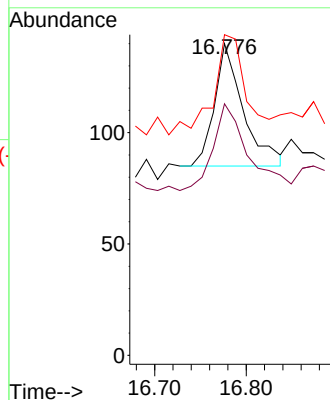
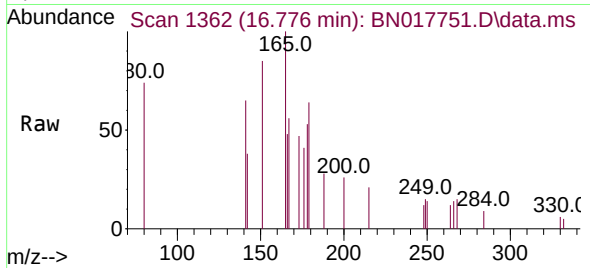




#24
 Pentachlorophenol
 Concen: 0.166 ng
 RT: 16.776 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

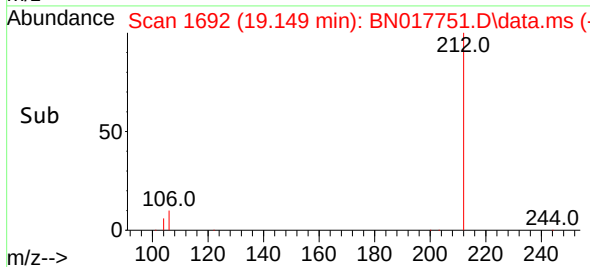
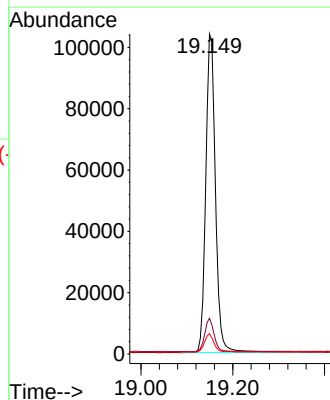
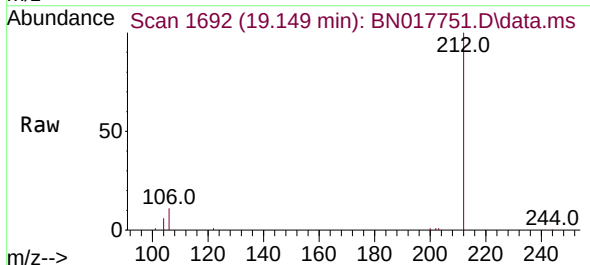
Instrument :
 BNA_N
 ClientSampleId :
 MW-38I

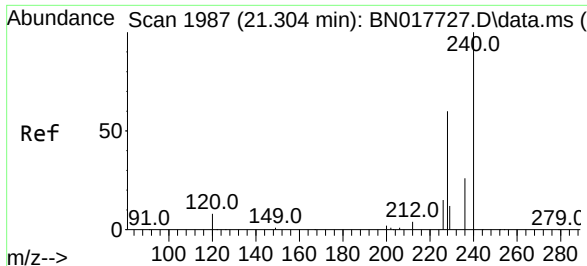
Tgt Ion:266 Resp: 120
 Ion Ratio Lower Upper
 266 100
 264 86.7 49.8 74.8#
 268 92.5 51.3 76.9#



#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.149 min Scan# 1692
 Delta R.T. -0.005 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

Tgt Ion:212 Resp: 152396
 Ion Ratio Lower Upper
 212 100
 106 9.9 10.5 15.7#
 104 5.6 5.8 8.6#

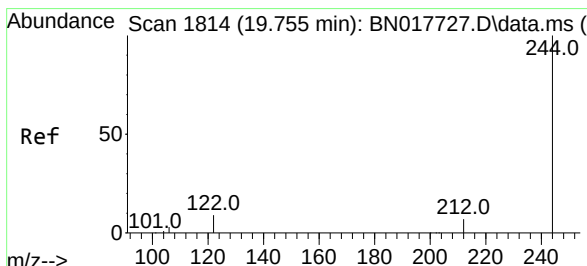
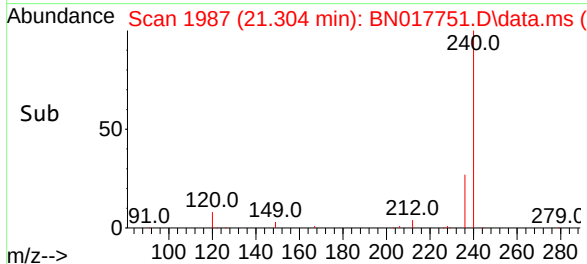
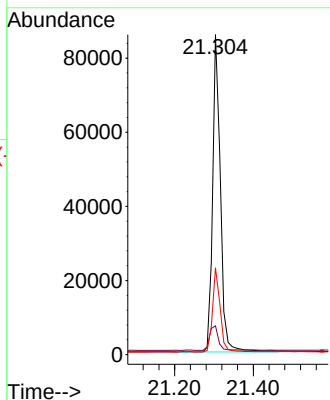
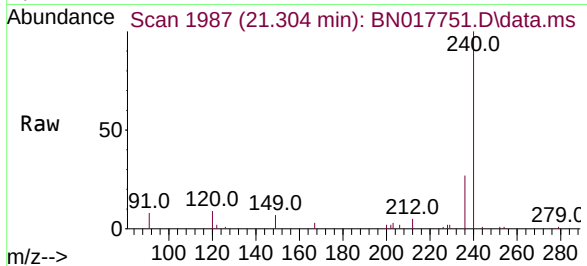




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

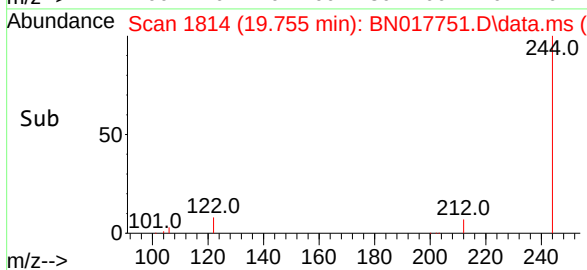
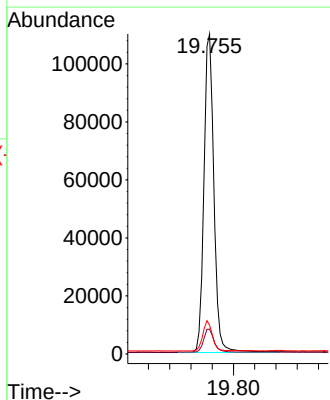
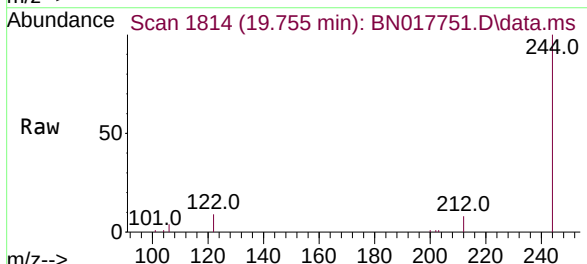
Instrument :
BNA_N
ClientSampleId :
MW-38I

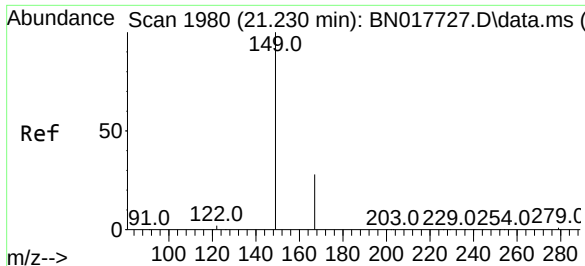
Tgt Ion:240 Resp: 118028
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 27.2 20.0 30.0



#31
Terphenyl-d14
Concen: 0.471 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017751.D
Acq: 07 Dec 2021 04:57

Tgt Ion:244 Resp: 142594
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.0 8.6 13.0

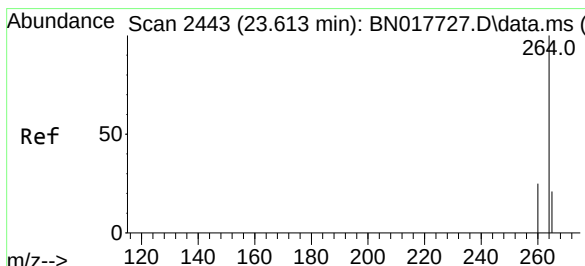
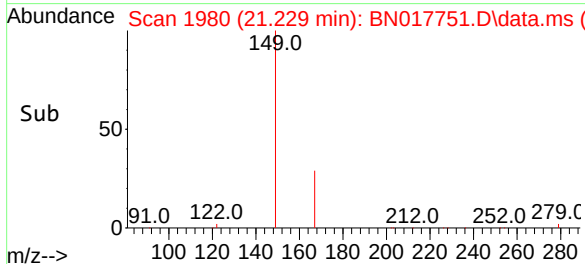
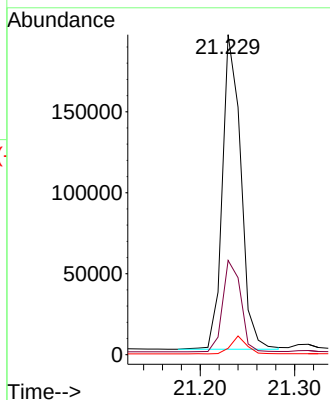
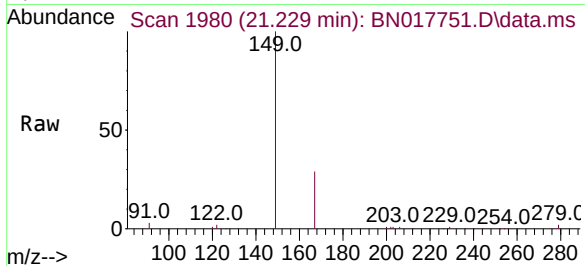




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.416 ng
 RT: 21.229 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

Instrument :
 BNA_N
 ClientSampleId :
 MW-38I

Tgt Ion:149 Resp: 263640
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.6
 279 4.9 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.613 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BN017751.D
 Acq: 07 Dec 2021 04:57

Tgt Ion:264 Resp: 102009
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 28.6 18.6 28.0#

