

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017740.D
 Acq On : 06 Dec 2021 20:32
 Operator : CG/JU
 Sample : M4917-18RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-34RE

Quant Time: Dec 07 06:52:29 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)

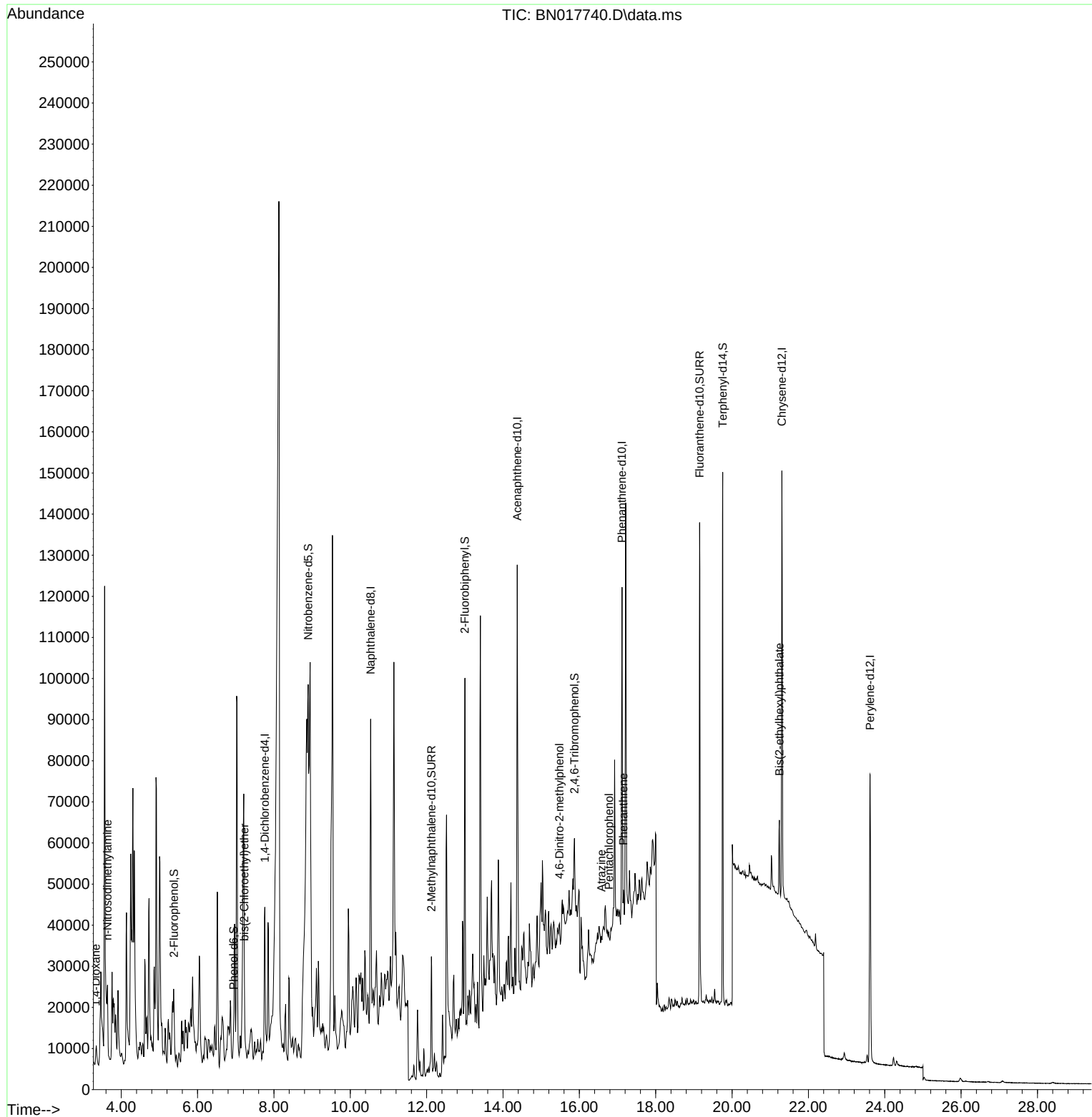
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	18351	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	91308	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	63132	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	107152	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	105502	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	98774	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	9894	0.251	ng	0.03
5) Phenol-d6	6.941	99	4592	0.109	ng	0.00
8) Nitrobenzene-d5	8.897	82	86490	1.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	39534	0.236	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	16285	0.548	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	72400	0.310	ng	0.00
27) Fluoranthene-d10	19.150	212	134704	0.374	ng	0.00
31) Terphenyl-d14	19.755	244	131951	0.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	308	0.025	ng	# 19
3) n-Nitrosodimethylamine	3.640	42	4617	0.266	ng	# 1
6) bis(2-Chloroethyl)ether	7.226	93	1222	0.027	ng	# 60
20) 4,6-Dinitro-2-methylph...	15.477	198	151	0.200	ng	# 1
23) Atrazine	16.582	200	1971	0.133	ng	# 1
24) Pentachlorophenol	16.776	266	418	0.186	ng	# 87
25) Phenanthrene	17.154	178	6858	0.024	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.240	149	18126	0.109	ng	# 94

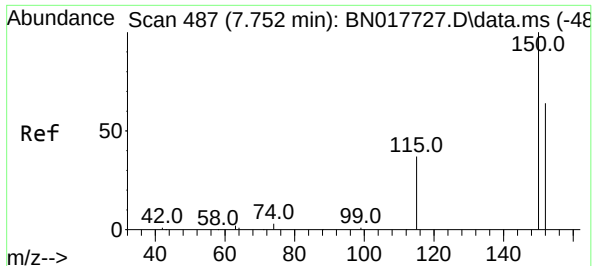
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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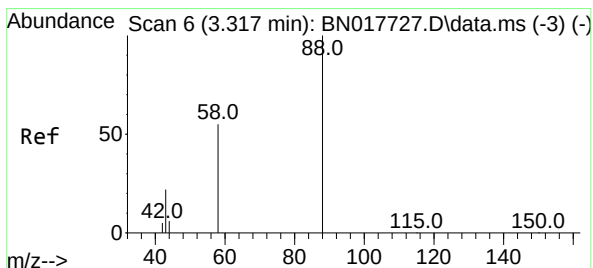
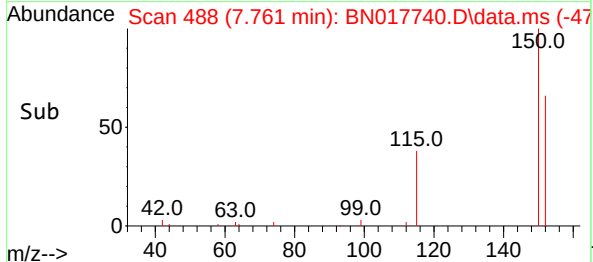
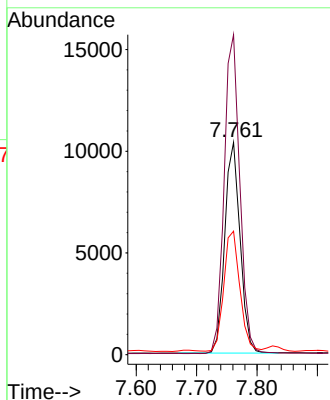
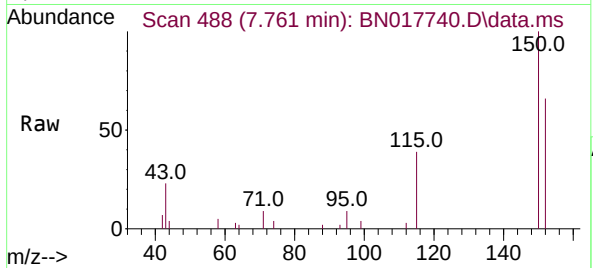




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 4
 Delta R.T. 0.009 min
 Lab File: BN017740.D
 Acq: 06 Dec 2021 20:32

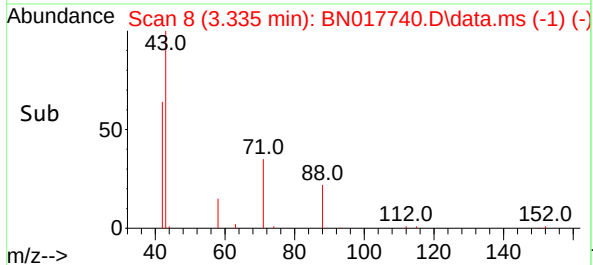
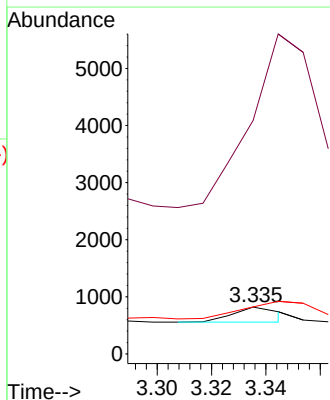
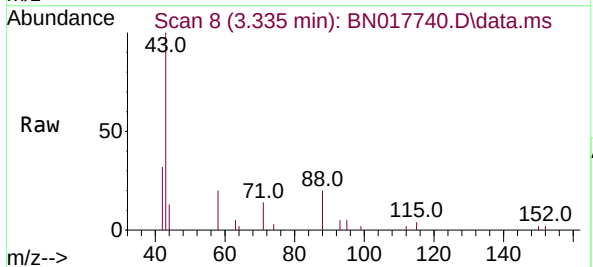
Instrument :
 BNA_N
 ClientSampleId :
 MW-34RE

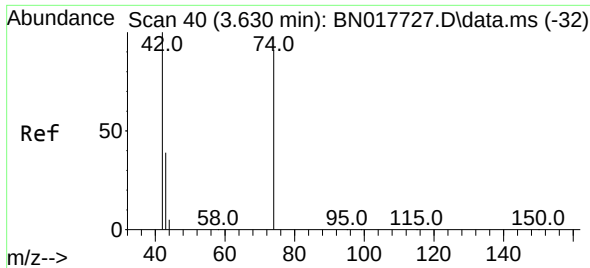
Tgt Ion:152 Resp: 18351
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.0 184.4
 115 58.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.335 min Scan# 8
 Delta R.T. 0.018 min
 Lab File: BN017740.D
 Acq: 06 Dec 2021 20:32

Tgt Ion: 88 Resp: 308
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 0.0 63.0 94.6#

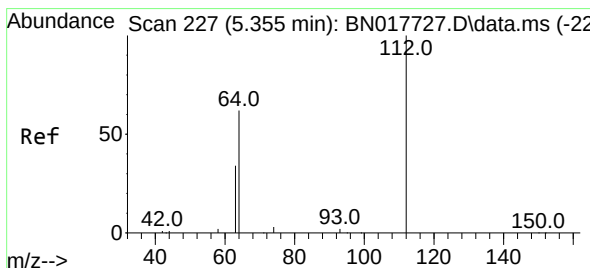
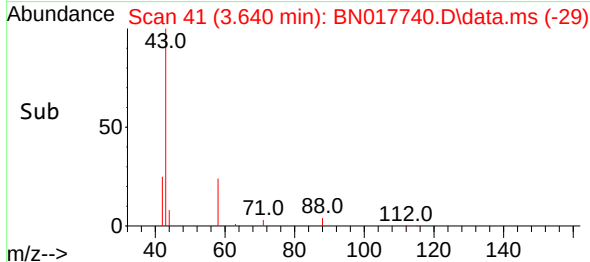
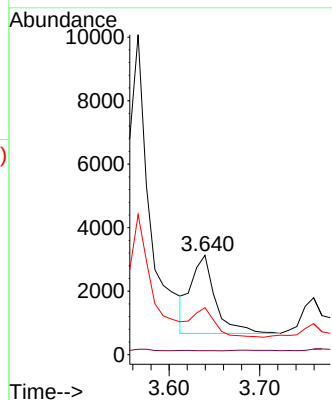
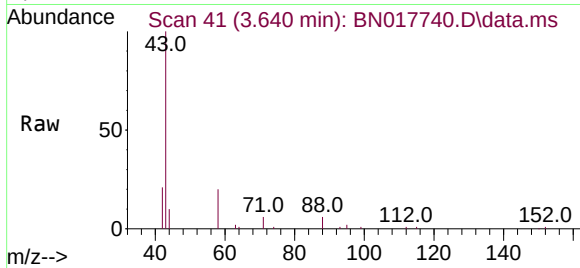




#3
n-Nitrosodimethylamine
Concen: 0.266 ng
RT: 3.640 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

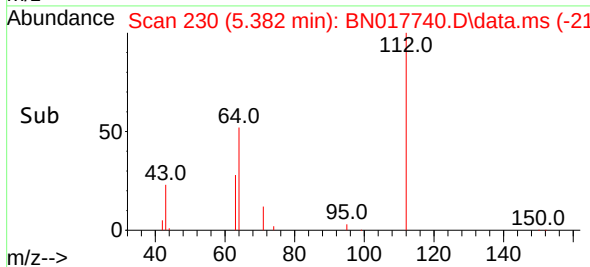
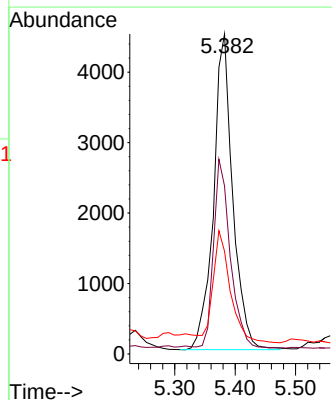
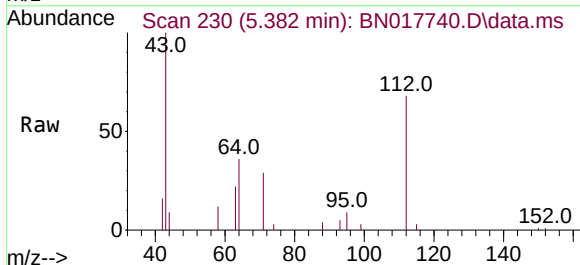
Instrument :
BNA_N
ClientSampleId :
MW-34RE

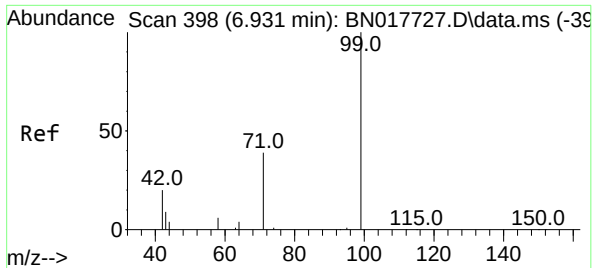
Tgt Ion: 42 Resp: 4617
Ion Ratio Lower Upper
42 100
74 0.5 97.8 146.6#
44 37.2 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.251 ng
RT: 5.382 min Scan# 230
Delta R.T. 0.028 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion: 112 Resp: 9894
Ion Ratio Lower Upper
112 100
64 51.7 47.6 71.4
63 32.1 24.6 37.0

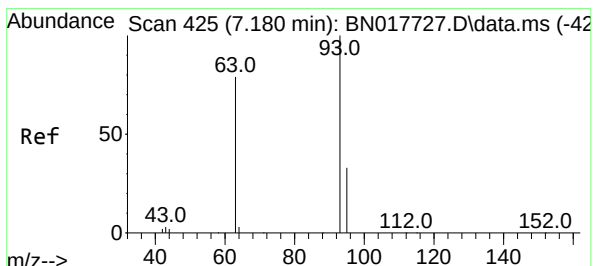
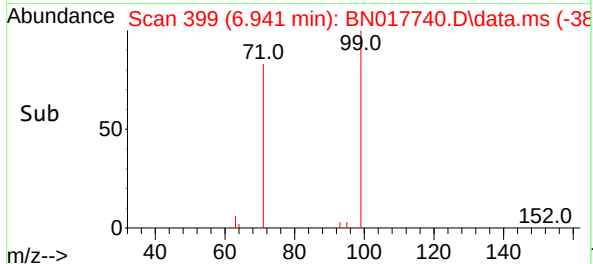
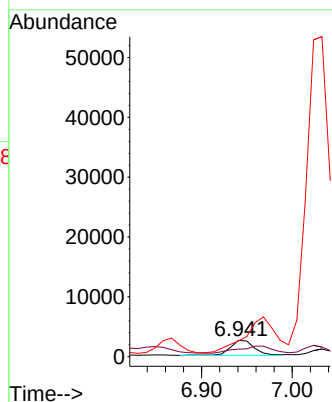
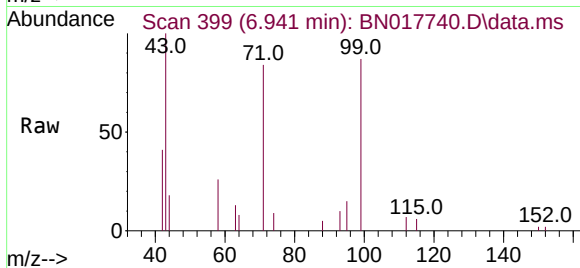




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.941 min Scan# 398
Delta R.T. 0.009 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

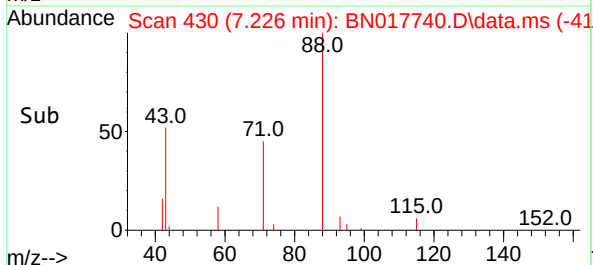
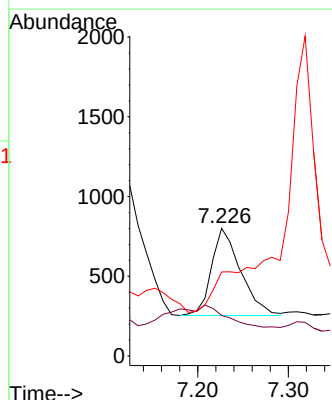
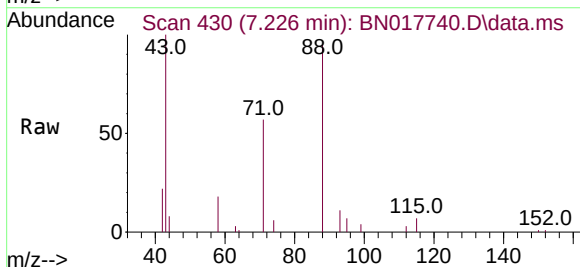
Instrument :
BNA_N
ClientSampleId :
MW-34RE

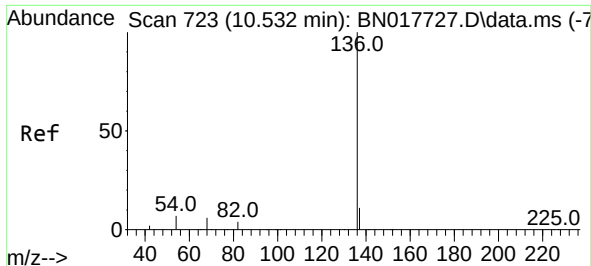
Tgt Ion: 99 Resp: 4592
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 24.8 37.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.226 min Scan# 430
Delta R.T. 0.046 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion: 93 Resp: 1222
Ion Ratio Lower Upper
93 100
63 53.3 65.8 98.6#
95 0.0 26.6 39.8#

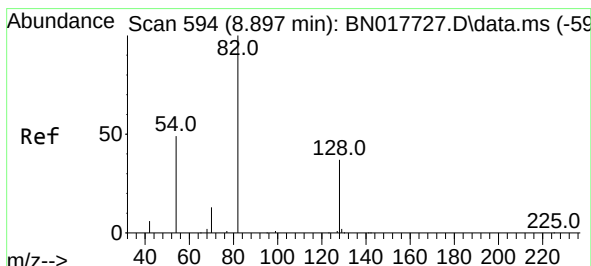
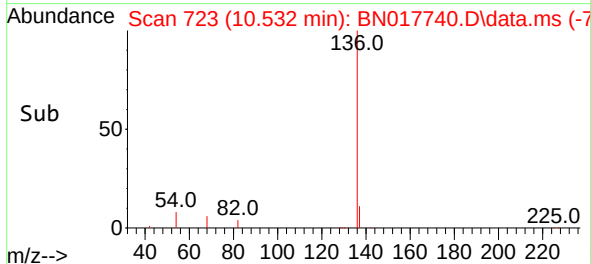
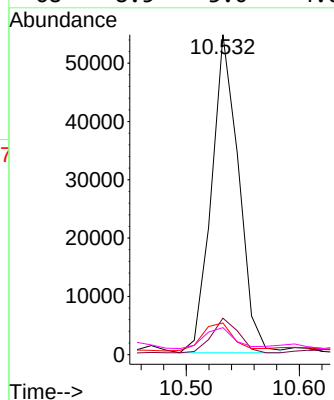
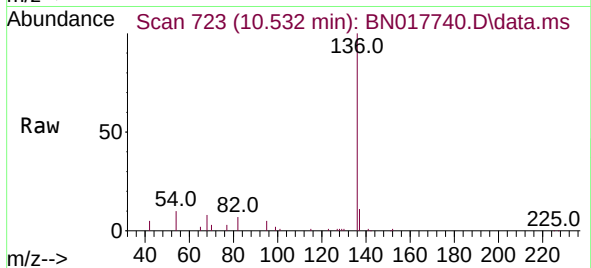




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

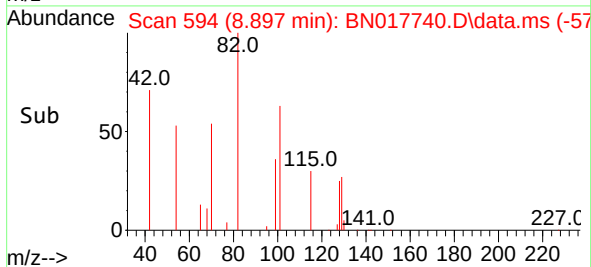
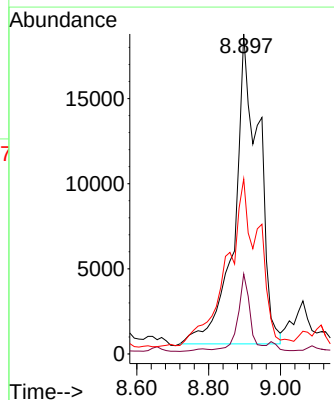
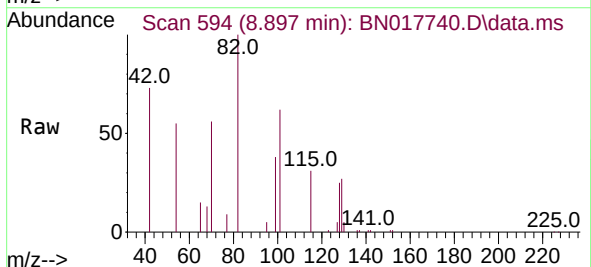
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BNA_N
ClientSampleId :
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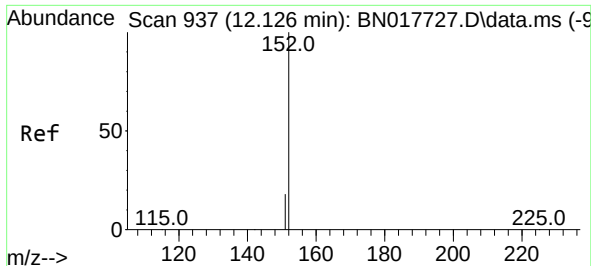
Tgt Ion:136 Resp: 91308
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.9 4.0 6.0#
68 8.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 1.401 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion: 82 Resp: 86490
Ion Ratio Lower Upper
82 100
128 25.0 27.7 41.5#
54 54.7 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.236 ng

RT: 12.126 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017740.D

Acq: 06 Dec 2021 20:32

Instrument :

BNA_N

ClientSampleId :

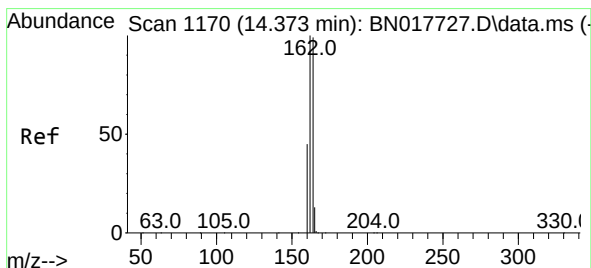
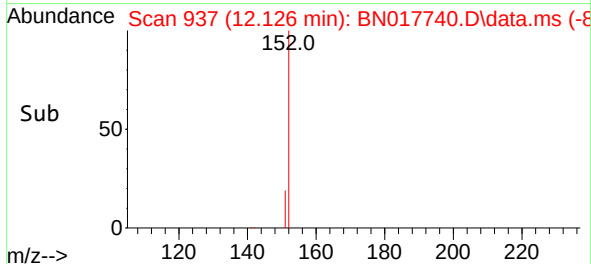
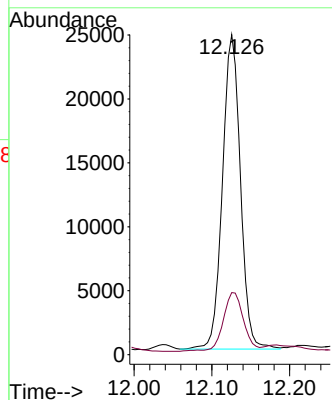
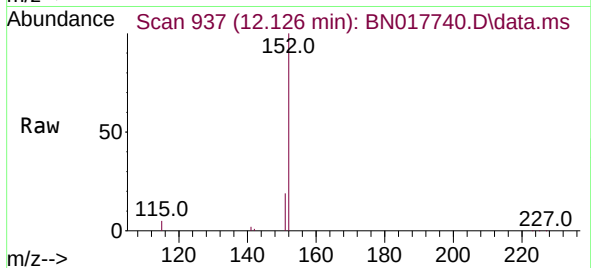
MW-34RE

Tgt Ion:152 Resp: 39534

Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.373 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BN017740.D

Acq: 06 Dec 2021 20:32

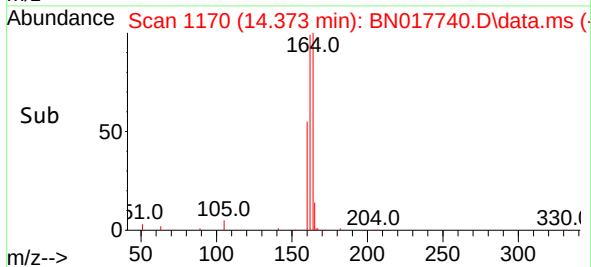
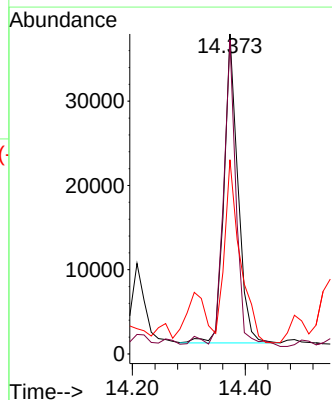
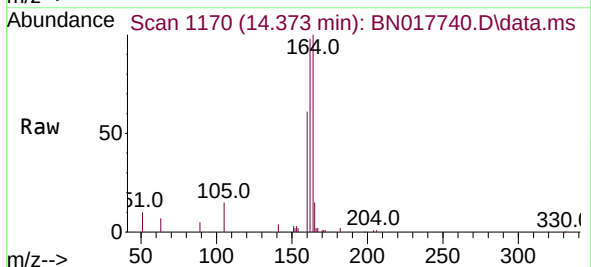
Tgt Ion:164 Resp: 63132

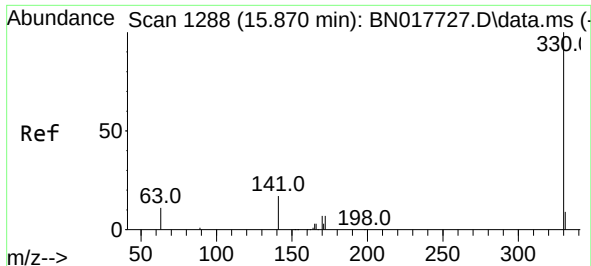
Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.2

160 60.7 36.8 55.2#

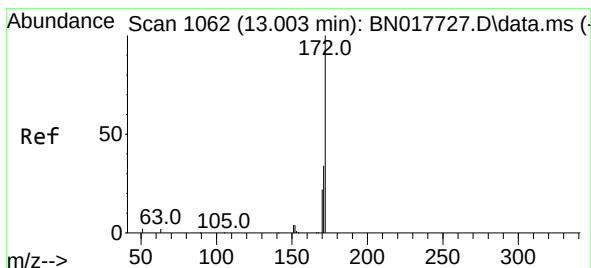
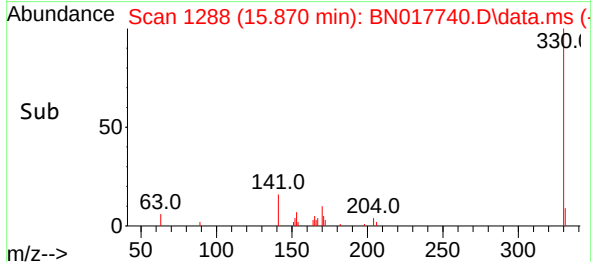
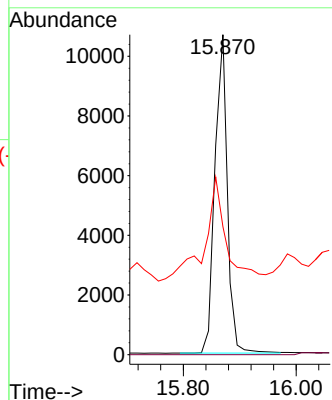
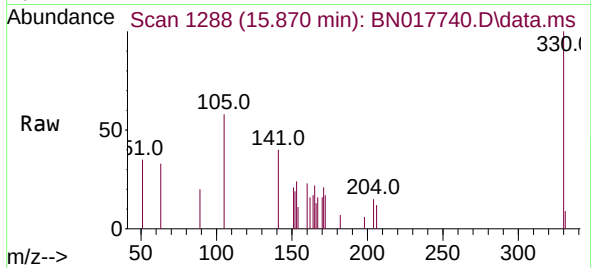




#14
2,4,6-Tribromophenol
Concen: 0.548 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

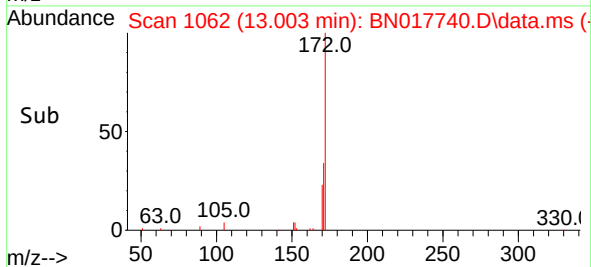
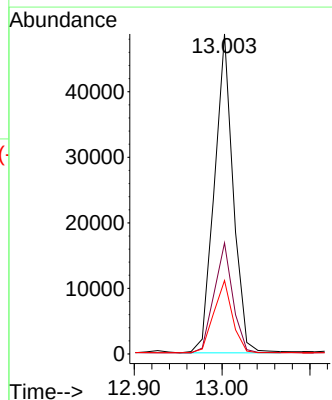
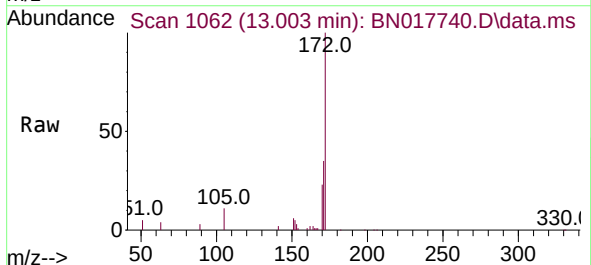
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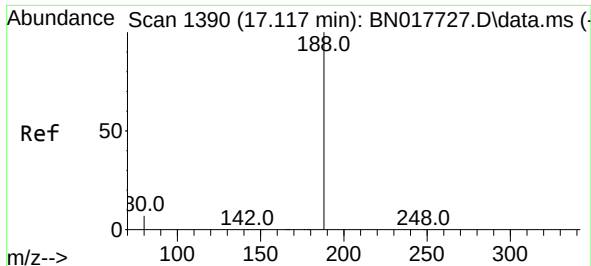
Tgt Ion: 330 Resp: 16285
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.7 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion: 172 Resp: 72400
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 22.9 19.4 29.2

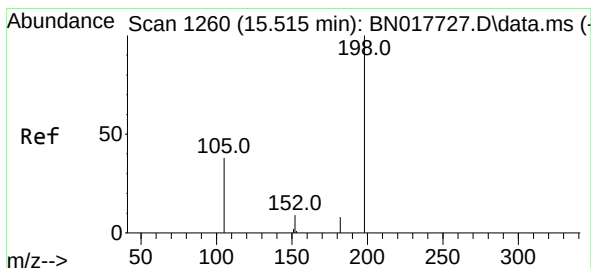
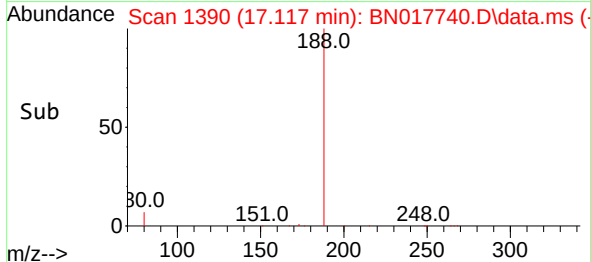
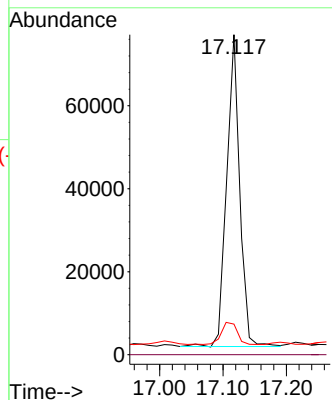
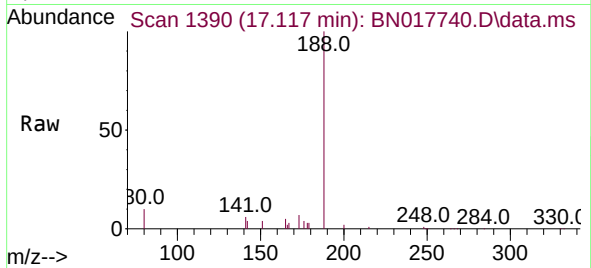




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

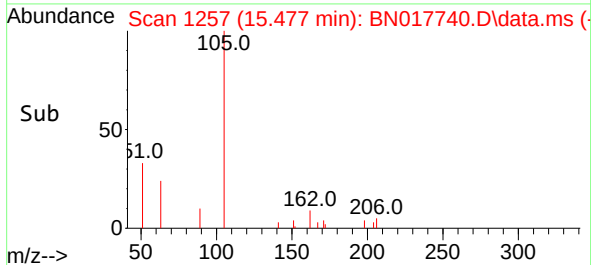
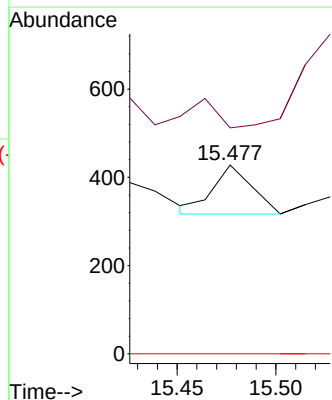
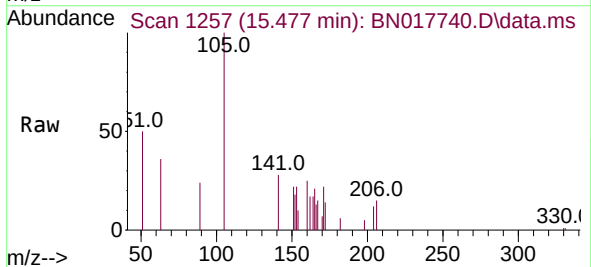
Instrument :
BNA_N
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MW-34RE

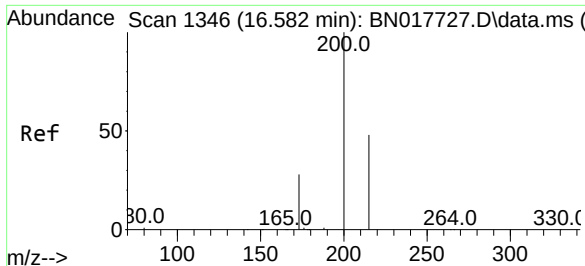
Tgt Ion:188 Resp: 107152
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.477 min Scan# 1257
Delta R.T. -0.038 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
182 119.6 11.4 17.2#
77 0.0 0.0 0.0

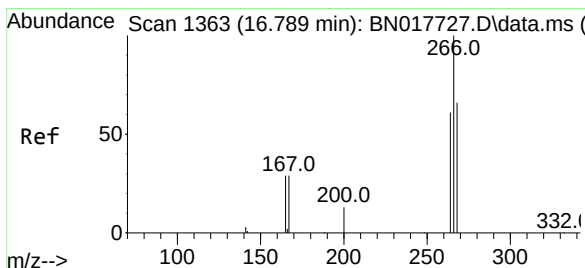
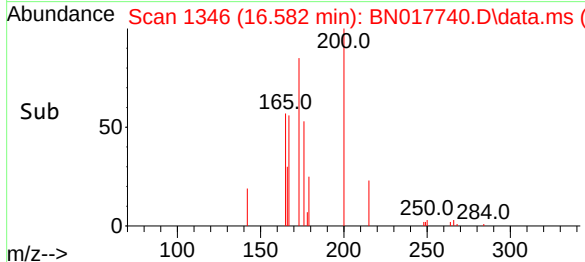
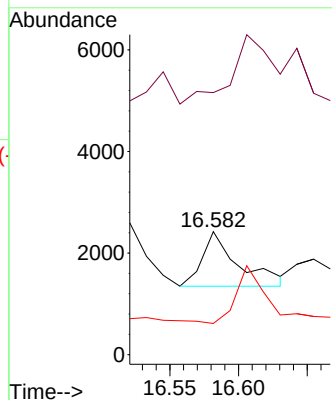
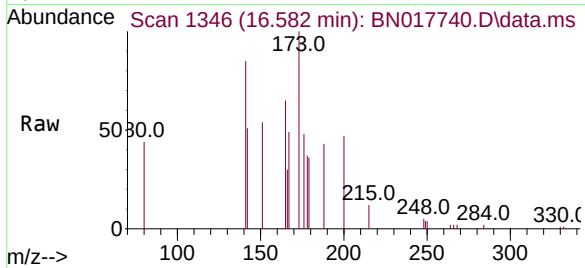




#23
 Atrazine
 Concen: 0.133 ng
 RT: 16.582 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: BN017740.D
 Acq: 06 Dec 2021 20:32

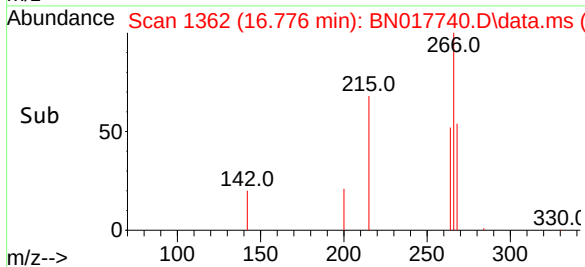
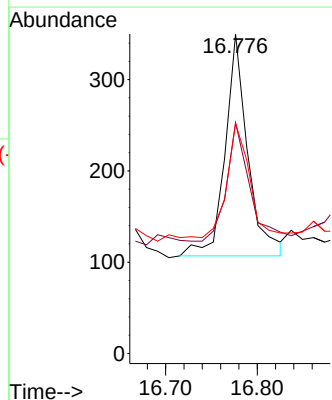
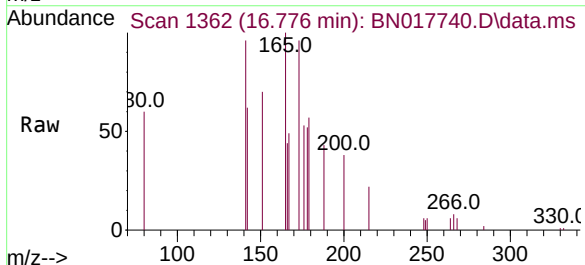
Instrument :
 BNA_N
 ClientSampleId :
 MW-34RE

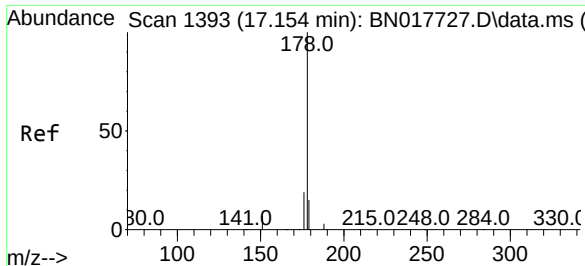
Tgt Ion:200 Resp: 1971
 Ion Ratio Lower Upper
 200 100
 173 212.8 17.6 26.4#
 215 25.3 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.186 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017740.D
 Acq: 06 Dec 2021 20:32

Tgt Ion:266 Resp: 418
 Ion Ratio Lower Upper
 266 100
 264 54.8 49.8 74.8
 268 51.0 51.3 76.9#

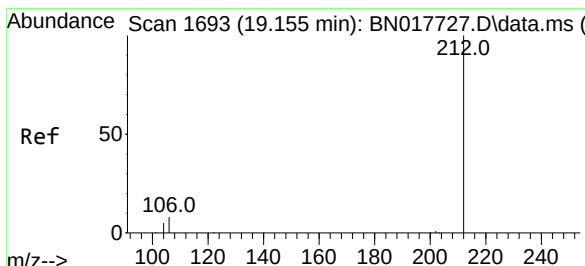
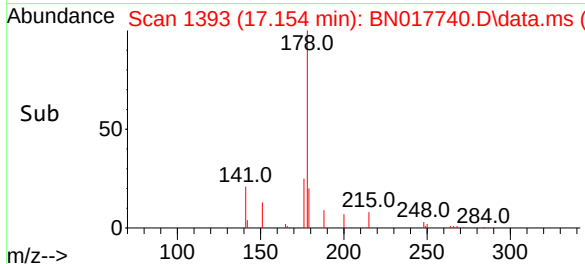
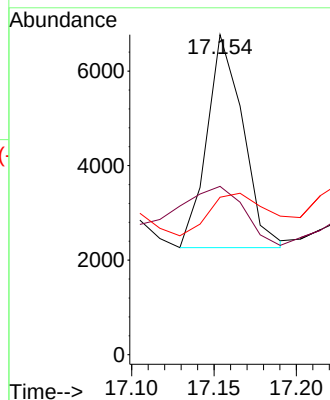
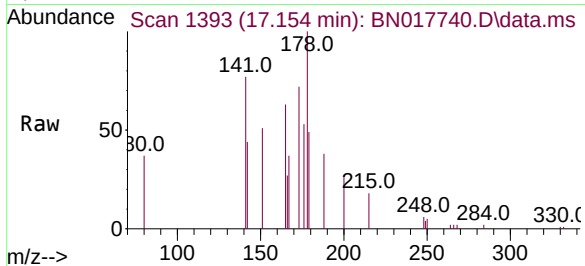




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

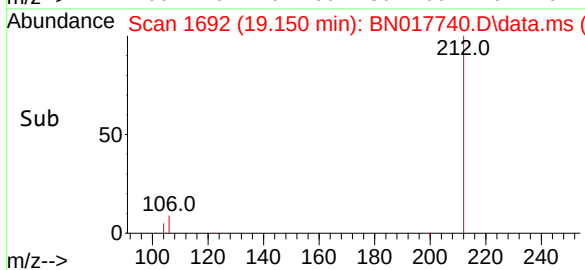
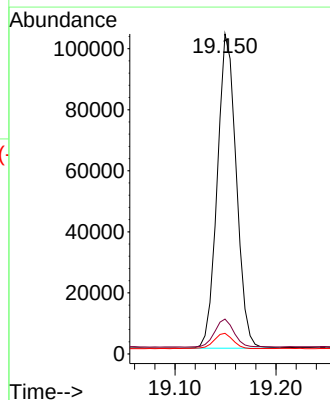
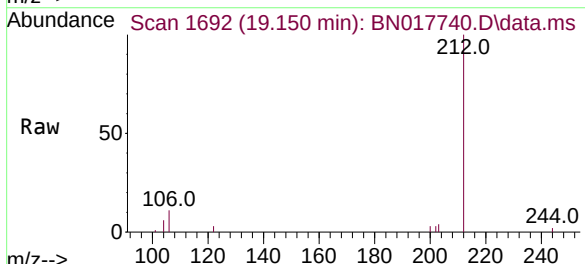
Instrument :
BNA_N
ClientSampleId :
MW-34RE

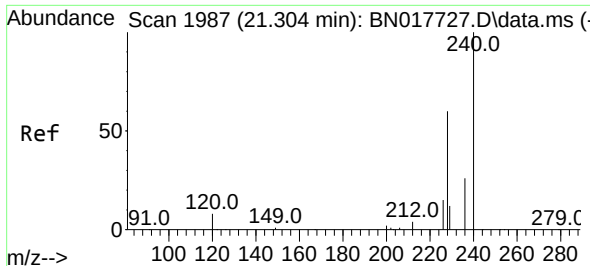
Tgt Ion:178 Resp: 6858
Ion Ratio Lower Upper
178 100
176 51.6 15.0 22.6#
179 36.4 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.150 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion:212 Resp: 134704
Ion Ratio Lower Upper
212 100
106 9.0 10.5 15.7#
104 5.0 5.8 8.6#

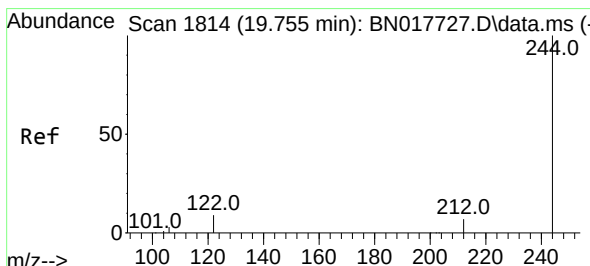
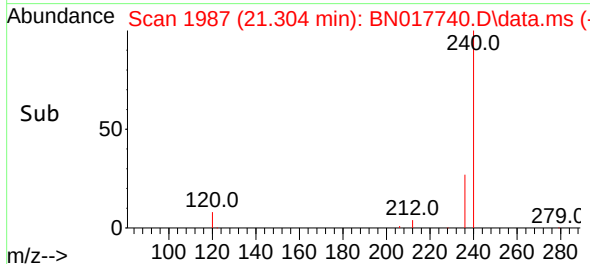
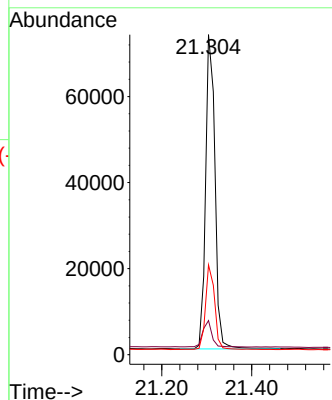
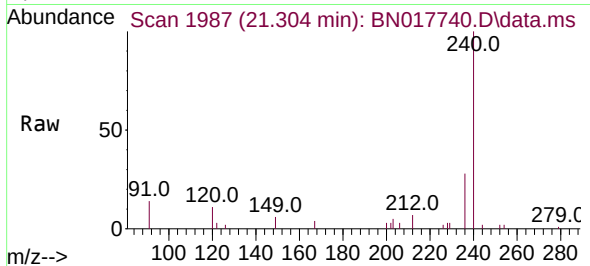




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

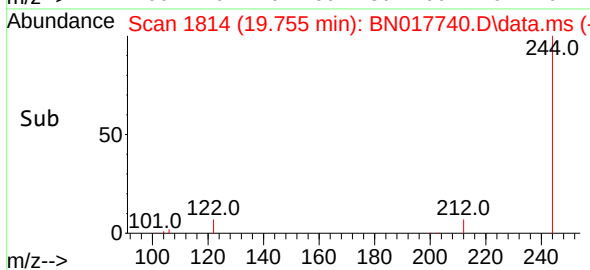
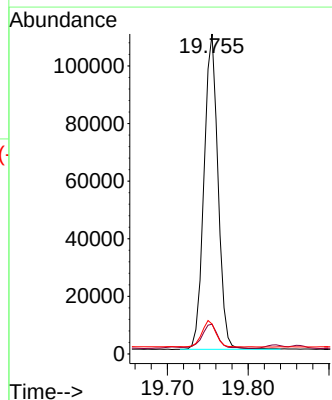
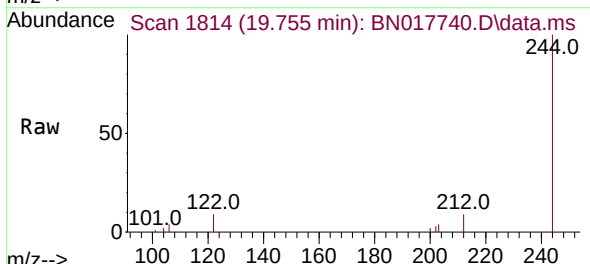
Instrument :
BNA_N
ClientSampleId :
MW-34RE

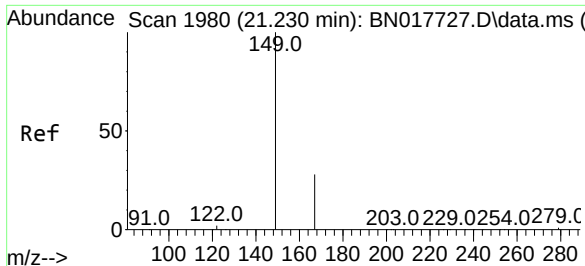
Tgt Ion:240 Resp: 105502
Ion Ratio Lower Upper
240 100
120 10.6 4.2 6.2#
236 28.0 20.0 30.0



#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017740.D
Acq: 06 Dec 2021 20:32

Tgt Ion:244 Resp: 131951
Ion Ratio Lower Upper
244 100
212 9.3 5.7 8.5#
122 9.3 8.6 13.0

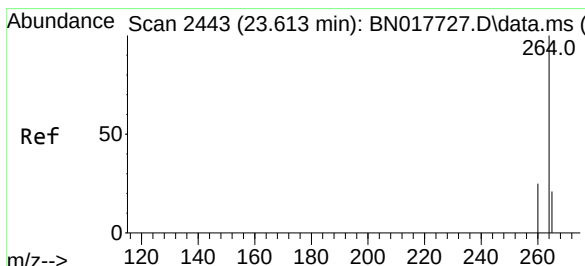
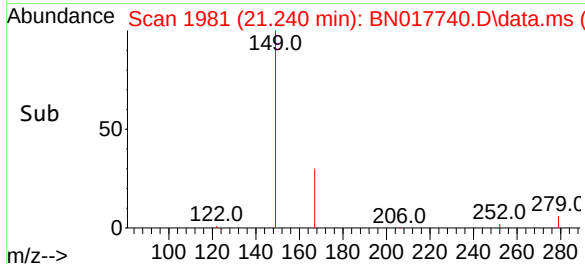
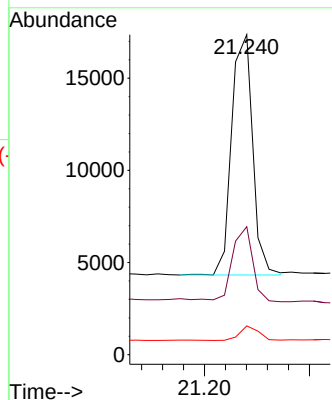
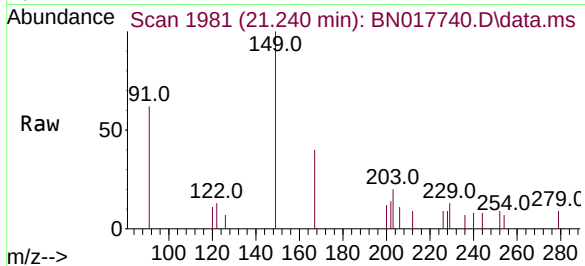




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.011 min
 Lab File: BN017740.D
 Acq: 06 Dec 2021 20:32

Instrument :
 BNA_N
 ClientSampleId :
 MW-34RE

Tgt Ion:149 Resp: 18126
 Ion Ratio Lower Upper
 149 100
 167 30.5 21.8 32.6
 279 5.4 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: BN017740.D
 Acq: 06 Dec 2021 20:32

Tgt Ion:264 Resp: 98774
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 26.0 18.6 28.0

