

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017717.D
 Acq On : 04 Dec 2021 08:18
 Operator : CG/JU
 Sample : M4917-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-29

Quant Time: Dec 06 02:13:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

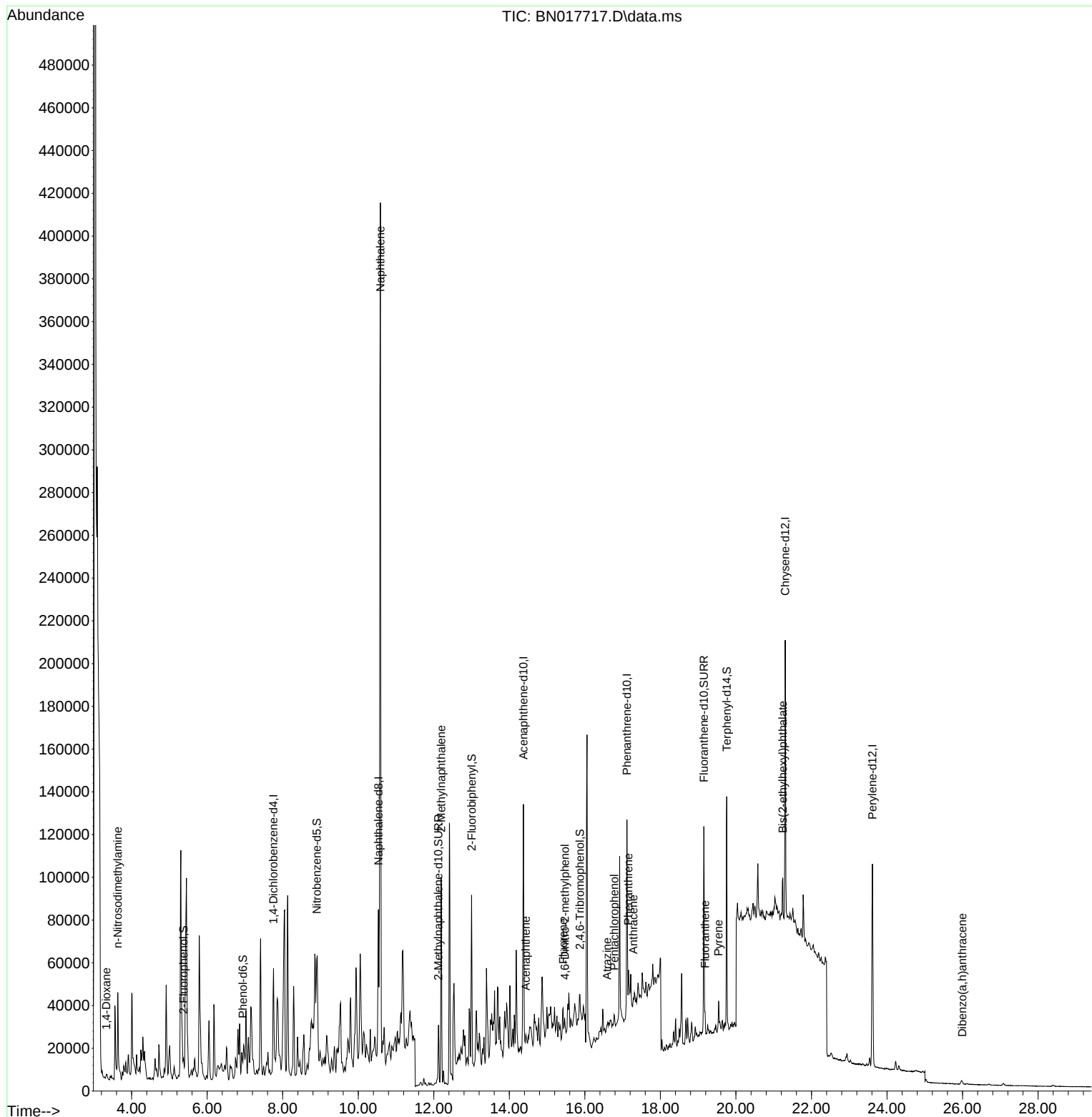
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	20848	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	87948	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	60613	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	122291	0.400	ng	0.00
29) Chrysene-d12	21.303	240	126629	0.400	ng	# 0.00
35) Perylene-d12	23.612	264	130475	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	8156	0.166	ng	0.02
5) Phenol-d6	6.943	99	4095	0.082	ng	0.02
8) Nitrobenzene-d5	8.900	82	35033	0.823	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	37892	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	14074	0.499	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	66680	0.289	ng	0.00
27) Fluoranthene-d10	19.149	212	117437	0.294	ng	0.00
31) Terphenyl-d14	19.754	244	111870	0.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	378	0.024	ng	# 77
3) n-Nitrosodimethylamine	3.633	42	4867	0.233	ng	# 1
9) Naphthalene	10.585	128	536292	2.391	ng	100
12) 2-Methylnaphthalene	12.195	142	66622	0.455	ng	# 95
17) Acenaphthene	14.435	154	3244	0.020	ng	# 86
18) Fluorene	15.425	166	7484	0.038	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.475	198	123	0.255	ng	# 1
23) Atrazine	16.593	200	3231	0.150	ng	# 14
24) Pentachlorophenol	16.775	266	1658	0.323	ng	99
25) Phenanthrene	17.153	178	23115	0.071	ng	# 81
26) Anthracene	17.287	178	10285	0.037	ng	# 61
28) Fluoranthene	19.183	202	10369	0.027	ng	# 95
30) Pyrene	19.541	202	18030	0.045	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.239	149	20671	0.172	ng	# 98
40) Dibenzo(a,h)anthracene	25.995	278	946	0.085	ng	# 1

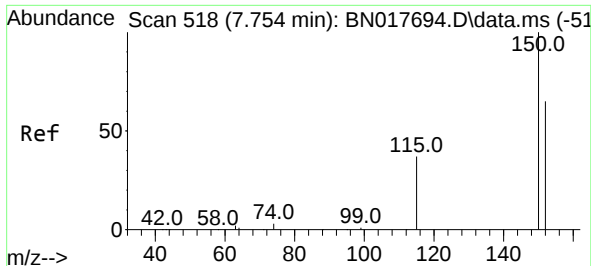
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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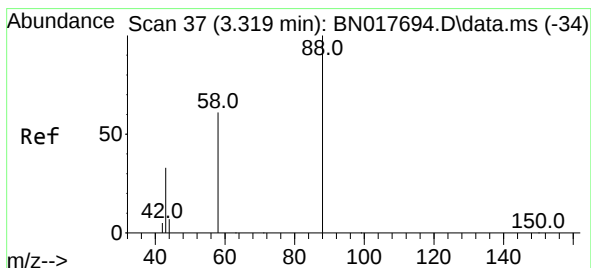
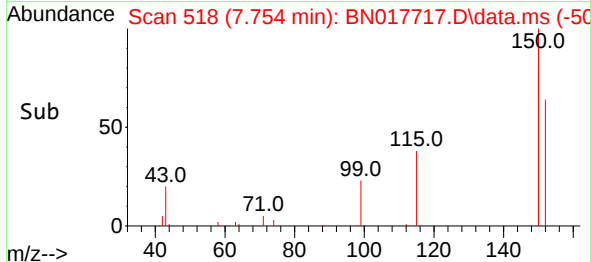
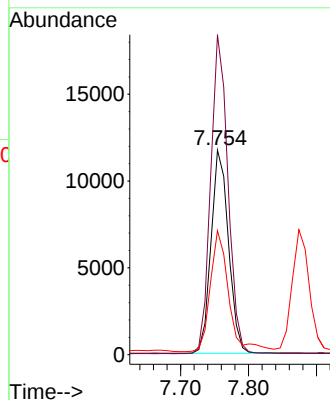
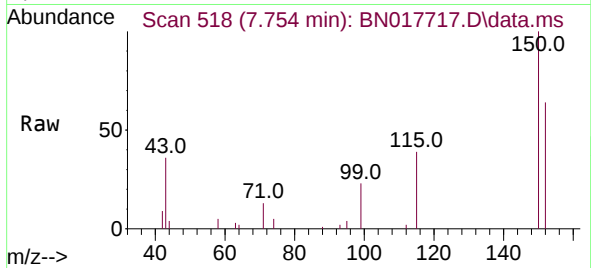




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.754 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

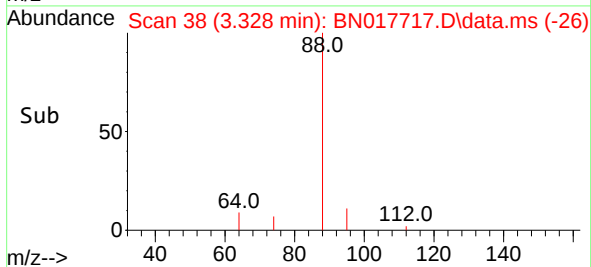
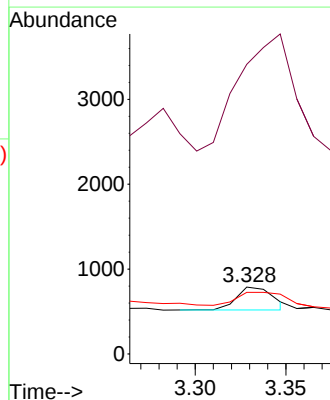
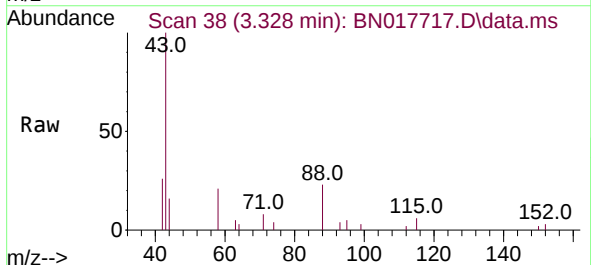
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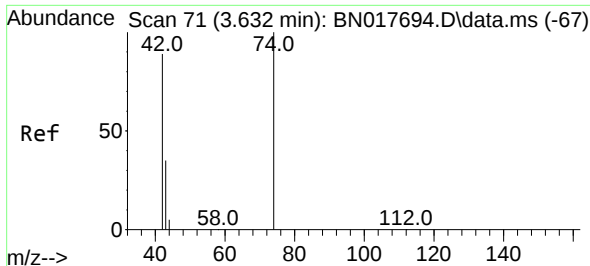
Tgt Ion:152 Resp: 20848
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.0 184.4
 115 60.6 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.328 min Scan# 38
 Delta R.T. 0.009 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion: 88 Resp: 378
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 70.4 63.0 94.6

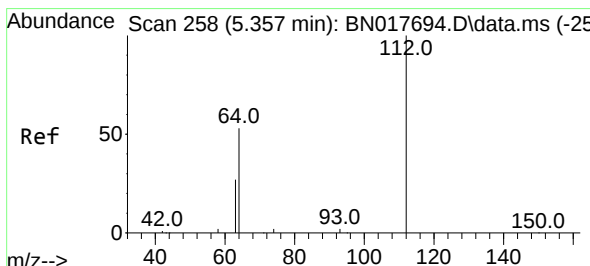
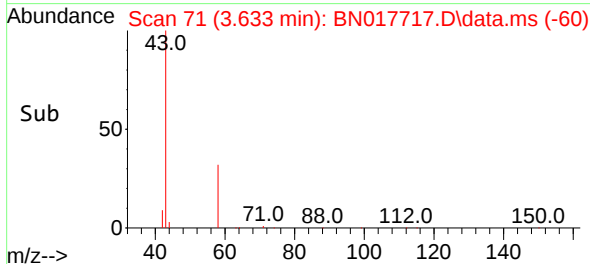
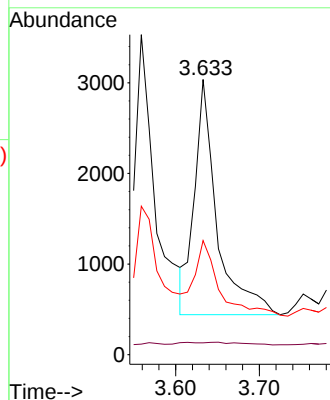
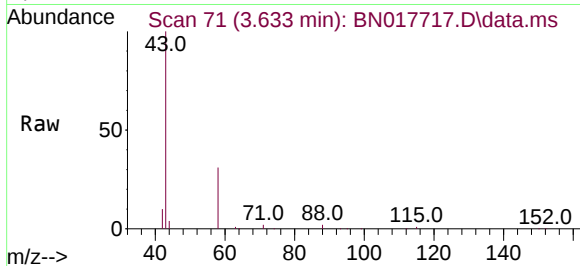




#3
n-Nitrosodimethylamine
Concen: 0.233 ng
RT: 3.633 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

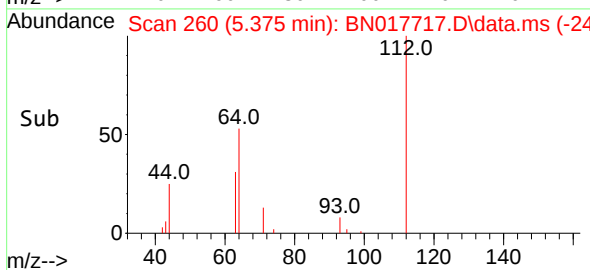
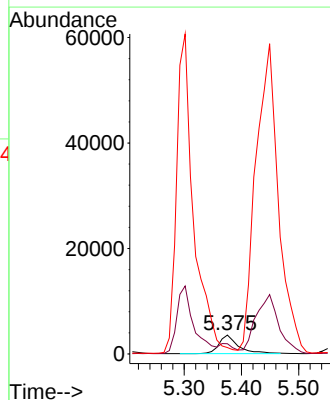
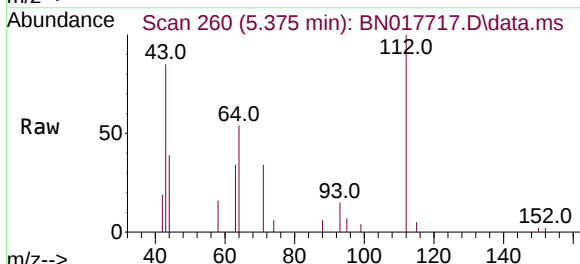
Instrument :
BNA_N
ClientSampleId :
MW-29

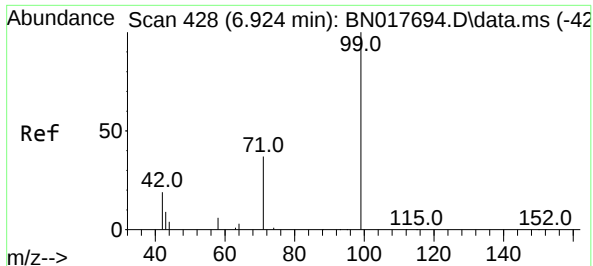
Tgt Ion: 42 Resp: 4867
Ion Ratio Lower Upper
42 100
74 0.7 97.8 146.6#
44 34.7 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.375 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion: 112 Resp: 8156
Ion Ratio Lower Upper
112 100
64 19.4 47.6 71.4#
63 0.0 24.6 37.0#

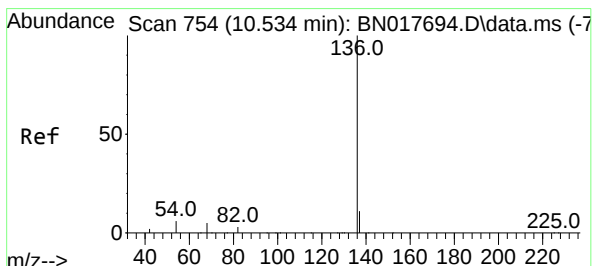
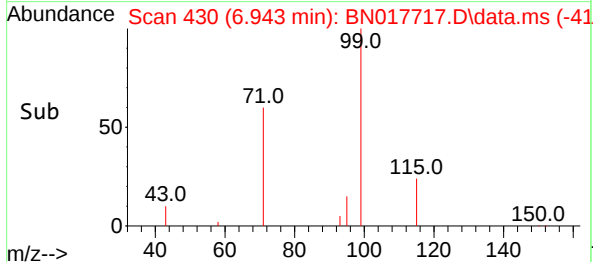
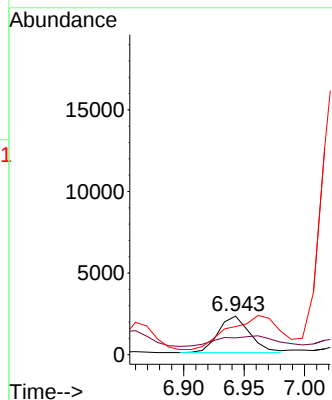
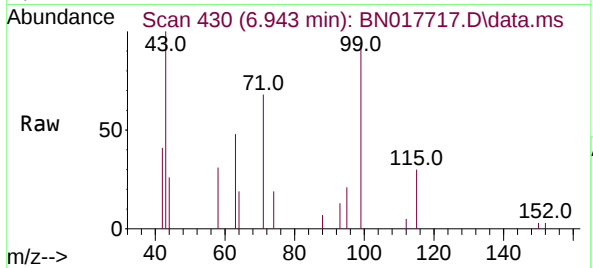




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

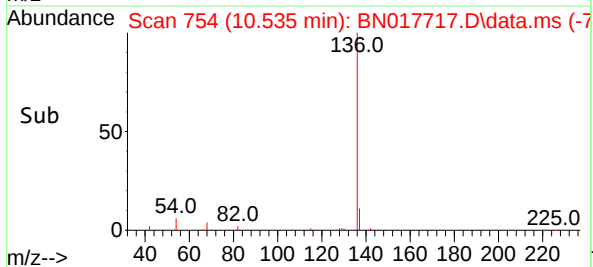
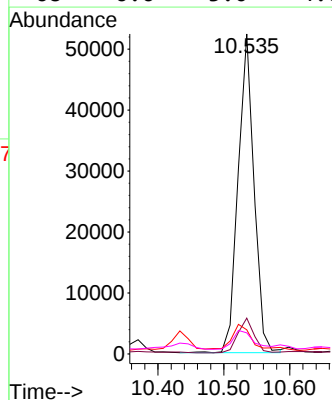
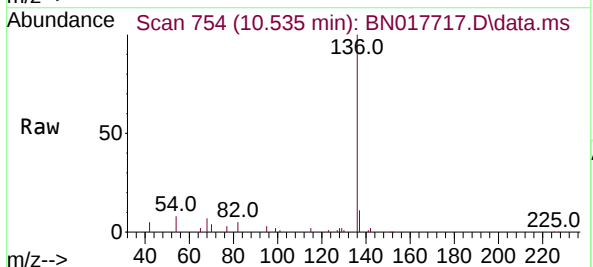
Instrument :
BNA_N
ClientSampleId :
MW-29

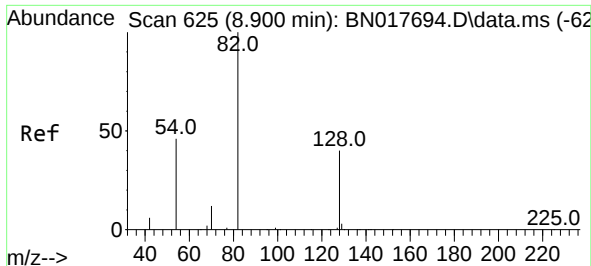
Tgt Ion: 99 Resp: 4095
Ion Ratio Lower Upper
99 100
42 50.1 17.0 25.6#
71 147.5 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion: 136 Resp: 87948
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 4.0 6.0#
68 6.6 3.0 4.6#

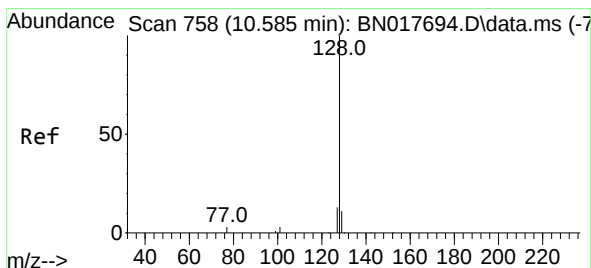
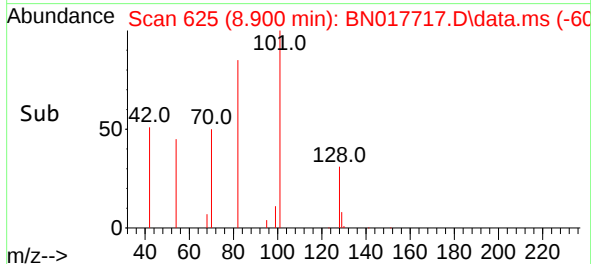
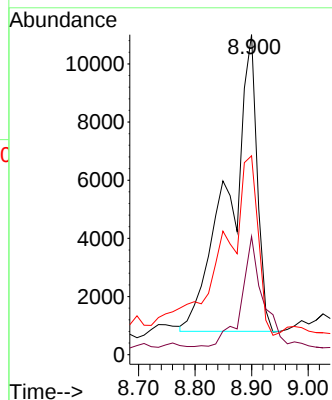
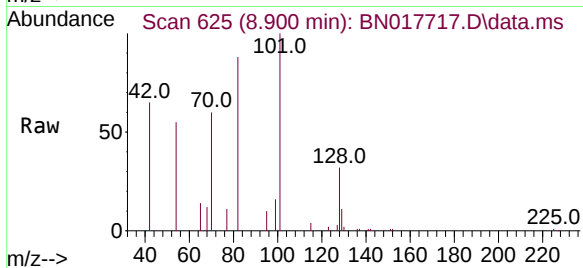




#8
Nitrobenzene-d5
Concen: 0.823 ng
RT: 8.900 min Scan# 612
Delta R.T. -0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

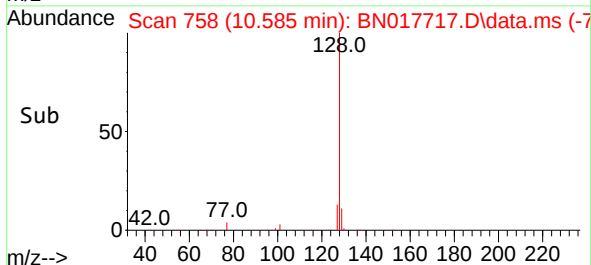
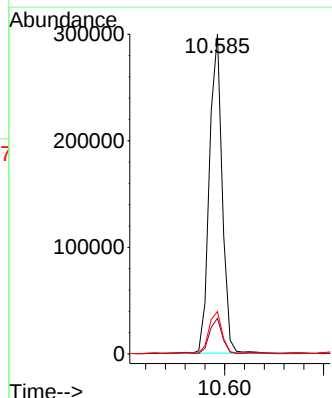
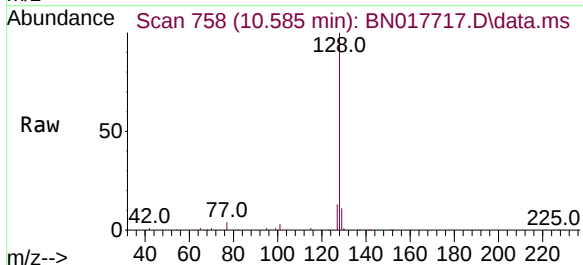
Instrument :
BNA_N
ClientSampleId :
MW-29

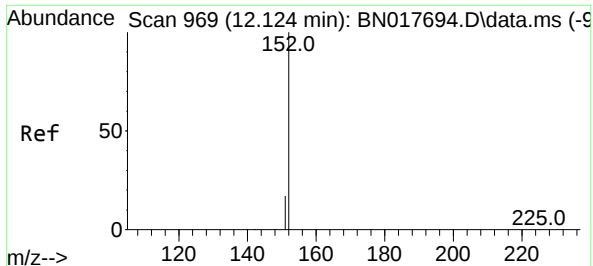
Tgt Ion: 82 Resp: 35033
Ion Ratio Lower Upper
82 100
128 37.0 27.7 41.5
54 62.2 49.2 73.8



#9
Naphthalene
Concen: 2.391 ng
RT: 10.585 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion: 128 Resp: 536292
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.124 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN017717.D

Acq: 04 Dec 2021 08:18

Instrument :

BNA_N

ClientSampleId :

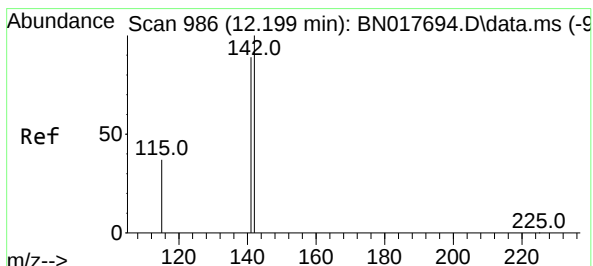
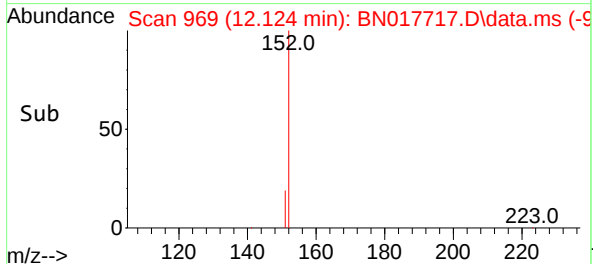
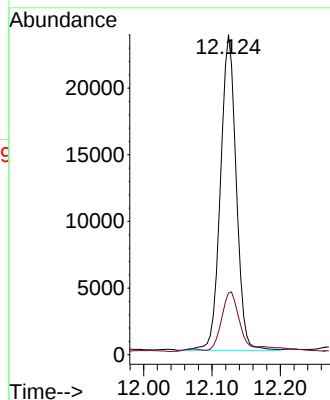
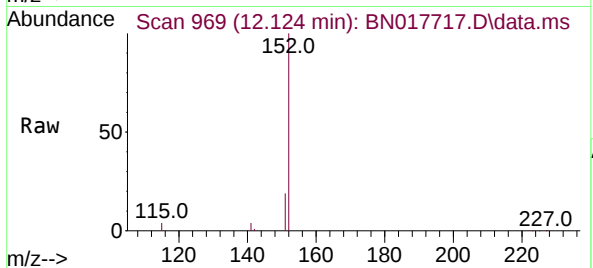
MW-29

Tgt Ion:152 Resp: 37892

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.455 ng

RT: 12.195 min Scan# 985

Delta R.T. -0.004 min

Lab File: BN017717.D

Acq: 04 Dec 2021 08:18

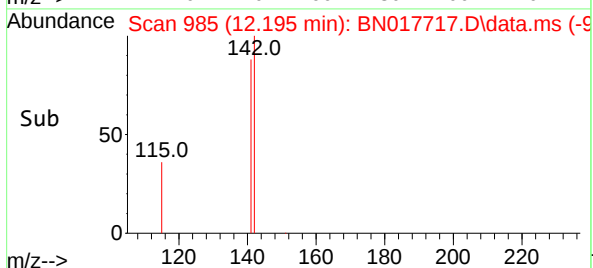
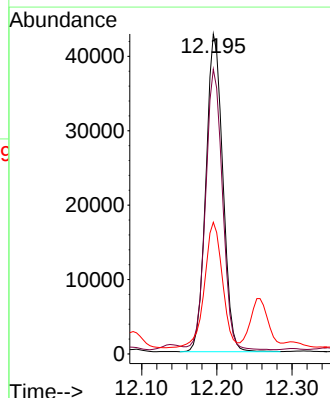
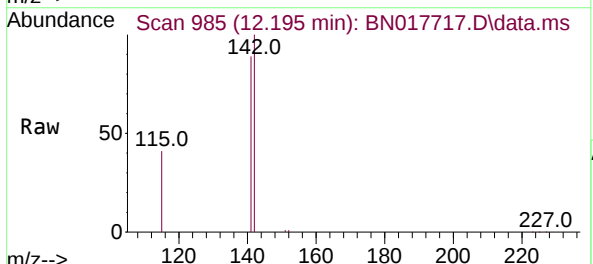
Tgt Ion:142 Resp: 66622

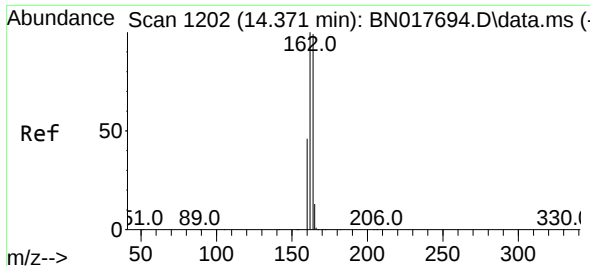
Ion Ratio Lower Upper

142 100

141 89.0 70.6 106.0

115 41.1 25.8 38.6#

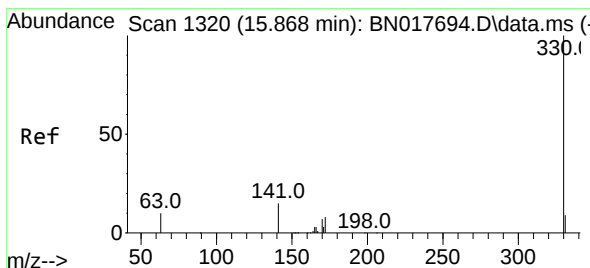
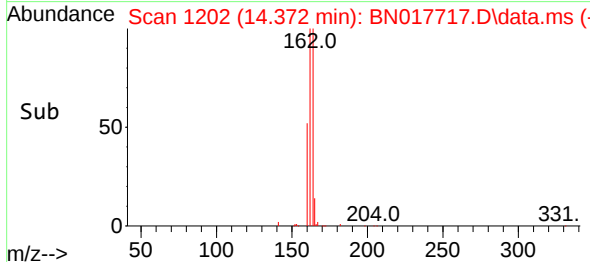
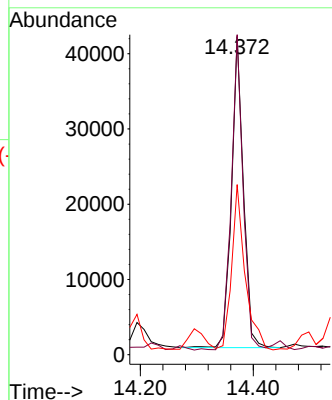
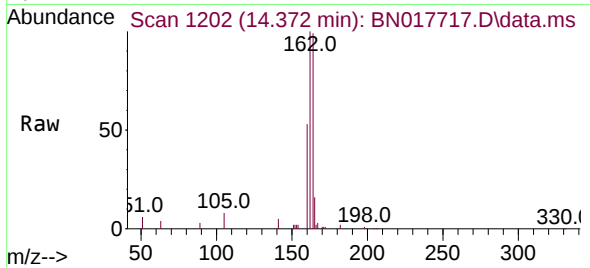




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

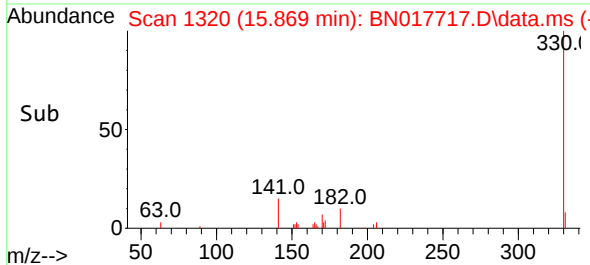
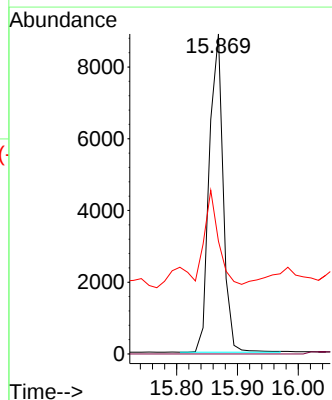
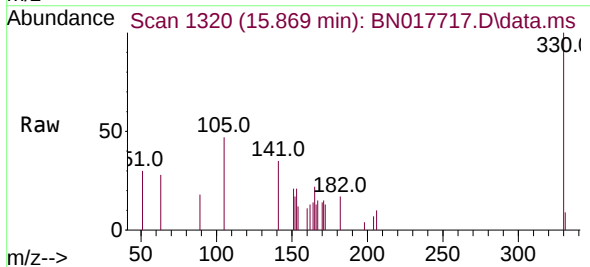
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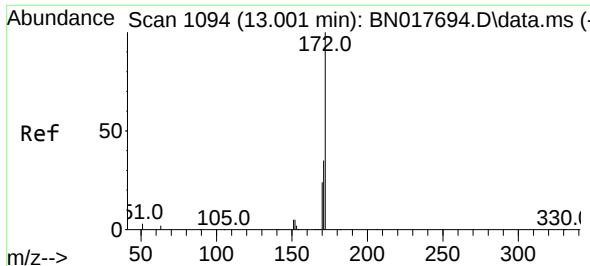
Tgt Ion:164 Resp: 60613
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.2
 160 53.4 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.499 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion:330 Resp: 14074
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 29.2 28.9 43.3

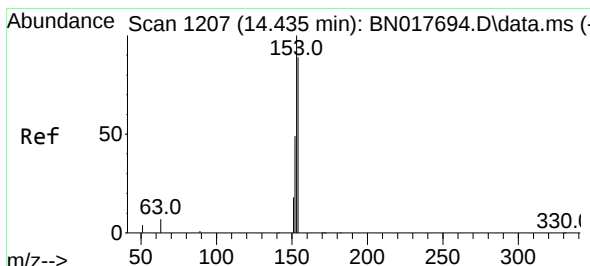
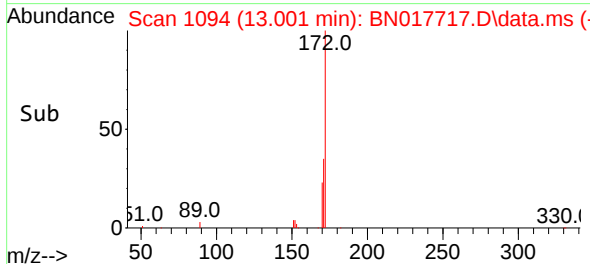
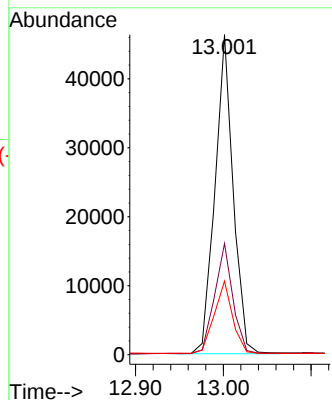
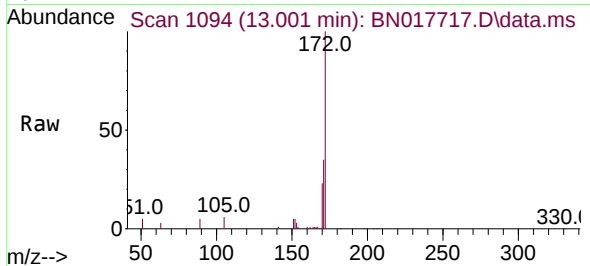




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

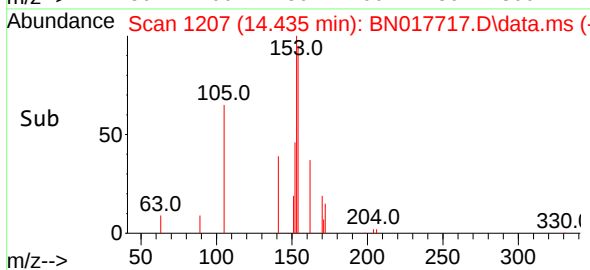
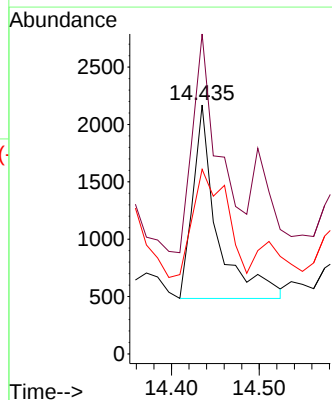
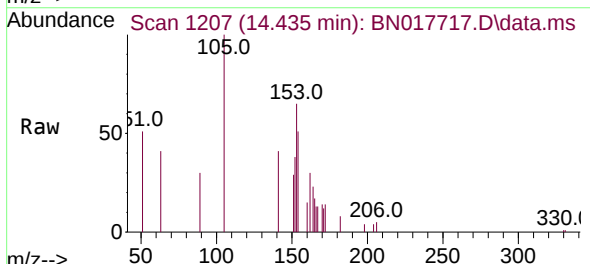
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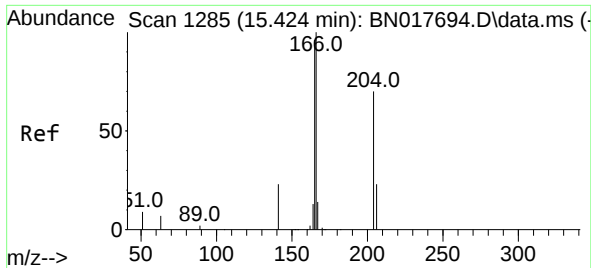
Tgt Ion:172 Resp: 66680
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.0 19.4 29.2



#17
Acenaphthene
Concen: 0.020 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:154 Resp: 3244
Ion Ratio Lower Upper
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153 121.0 91.2 136.8
152 76.8 44.3 66.5#

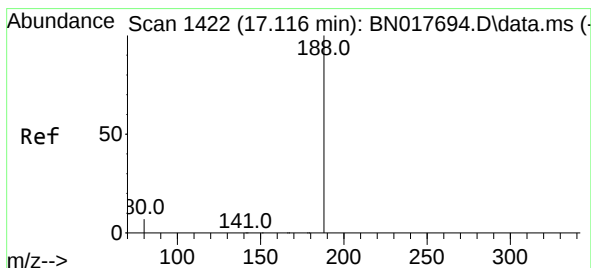
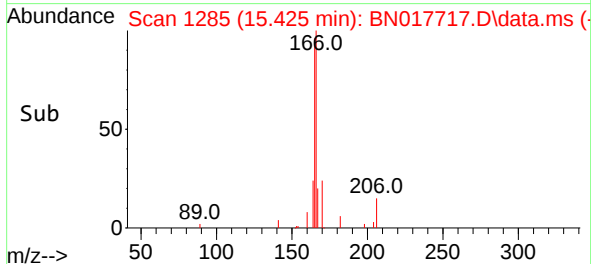
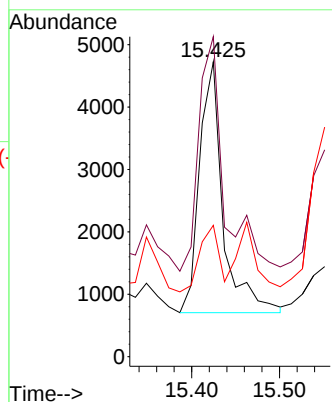
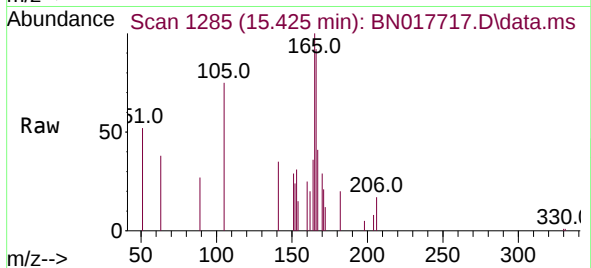




#18
 Fluorene
 Concen: 0.038 ng
 RT: 15.425 min Scan# 1285
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

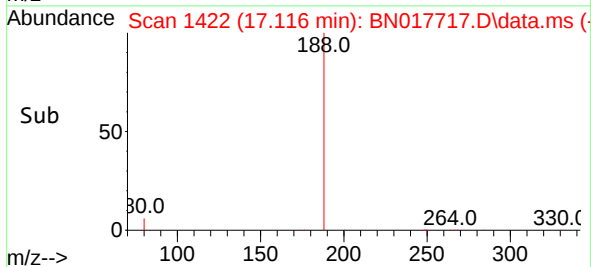
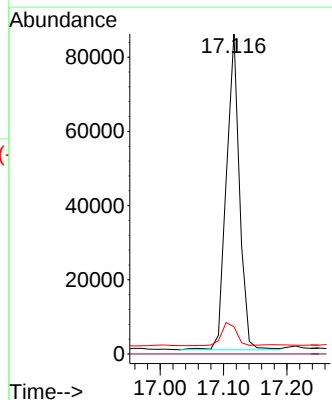
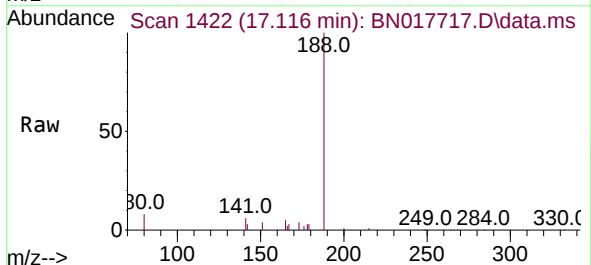
Instrument :
 BNA_N
 ClientSampleId :
 MW-29

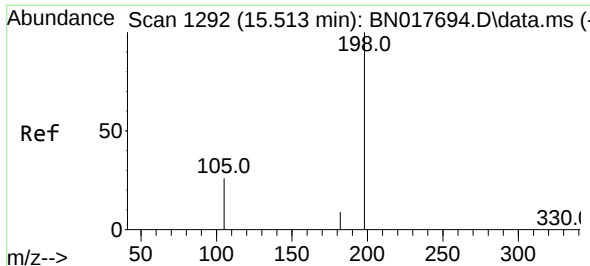
Tgt Ion:166 Resp: 7484
 Ion Ratio Lower Upper
 166 100
 165 100.6 77.9 116.9
 167 21.7 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.116 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion:188 Resp: 122291
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.5 6.1 9.1

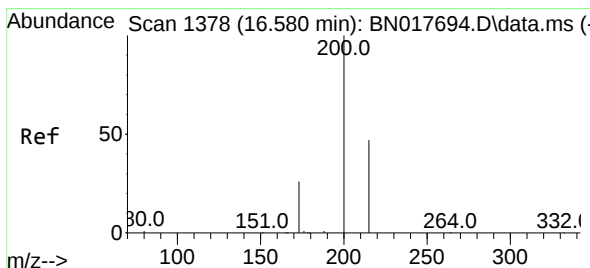
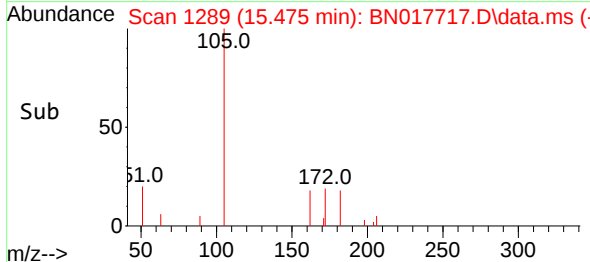
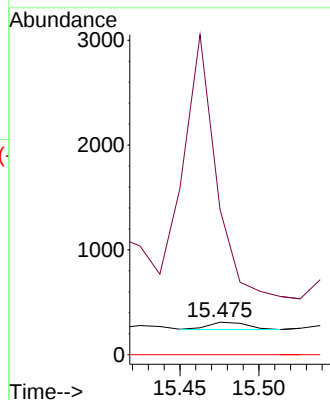
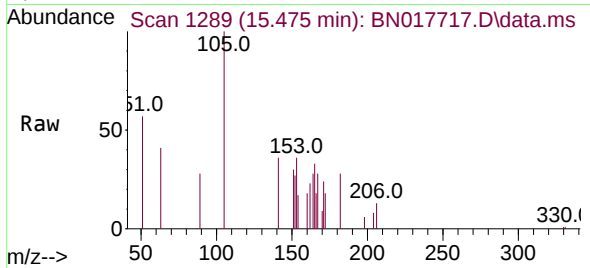




#20
4,6-Dinitro-2-methylphenol
Concen: 0.255 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.038 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

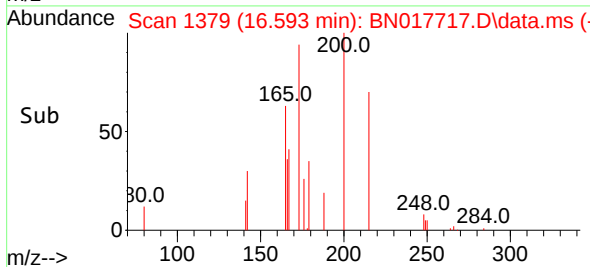
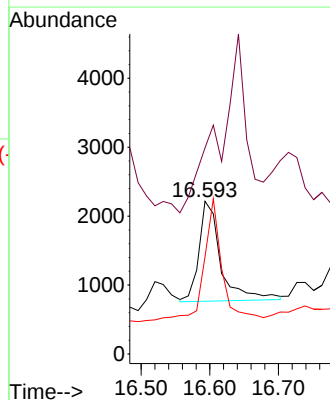
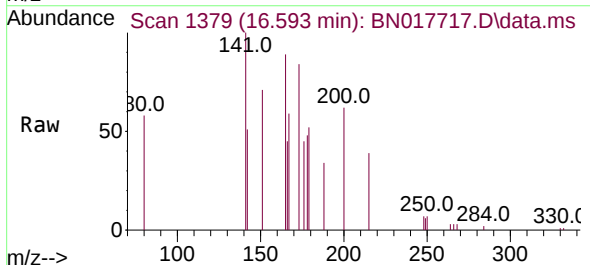
Instrument :
BNA_N
ClientSampleId :
MW-29

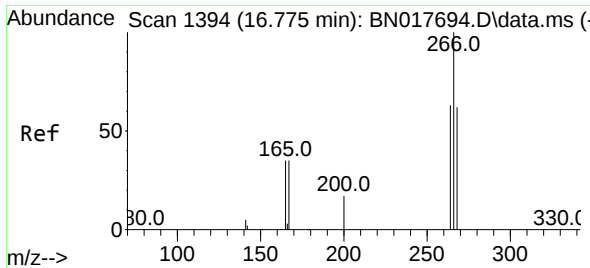
Tgt Ion:198 Resp: 123
Ion Ratio Lower Upper
198 100
182 446.5 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.150 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.013 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:200 Resp: 3231
Ion Ratio Lower Upper
200 100
173 135.1 17.6 26.4#
215 63.6 40.2 60.4#

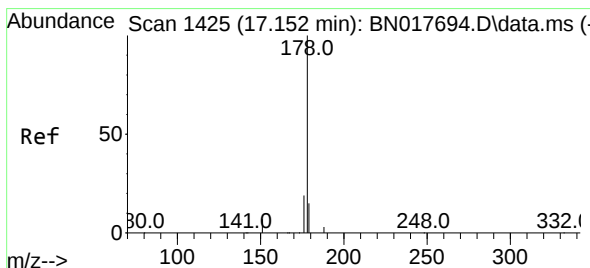
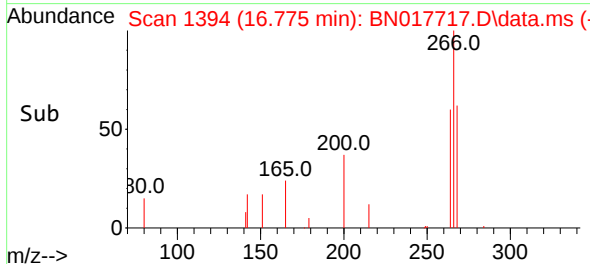
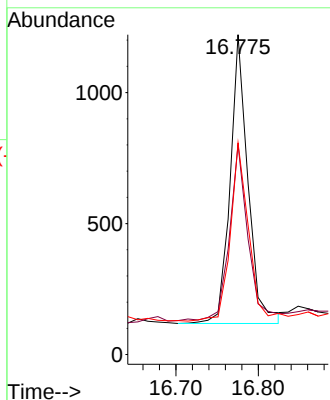
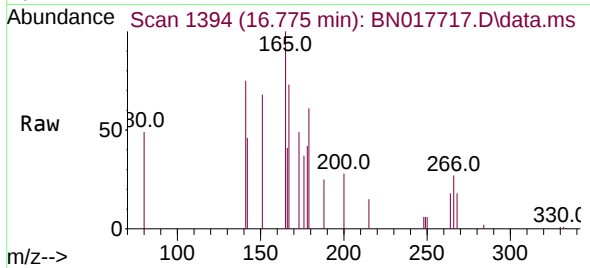




#24
 Pentachlorophenol
 Concen: 0.323 ng
 RT: 16.775 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

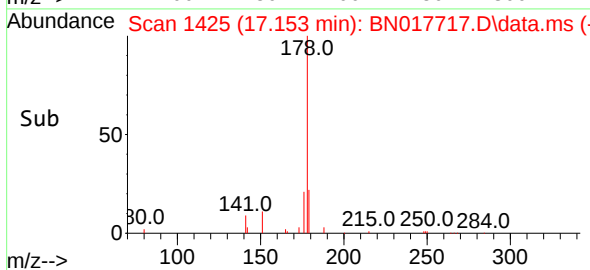
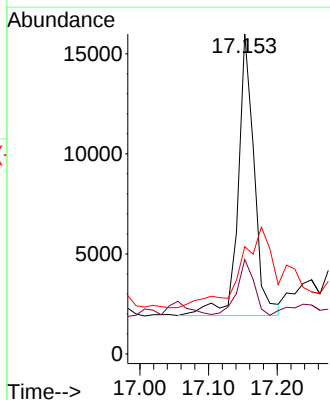
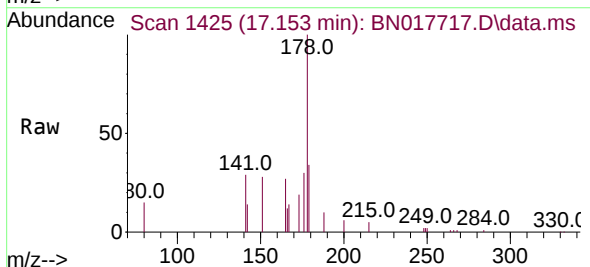
Instrument :
 BNA_N
 ClientSampleId :
 MW-29

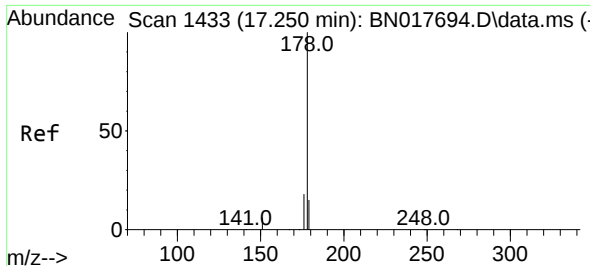
Tgt Ion:	266	Resp:	1658
Ion Ratio	Lower	Upper	
266	100		
264	63.1	49.8	74.8
268	63.7	51.3	76.9



#25
 Phenanthrene
 Concen: 0.071 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion:	178	Resp:	23115
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.0	22.6
179	0.0	12.3	18.5

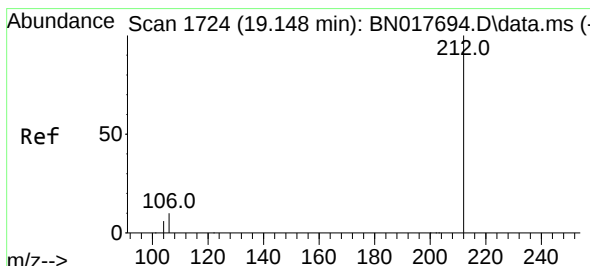
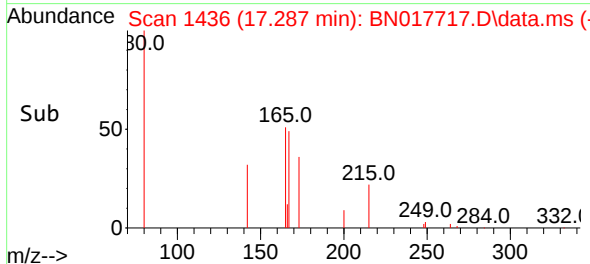
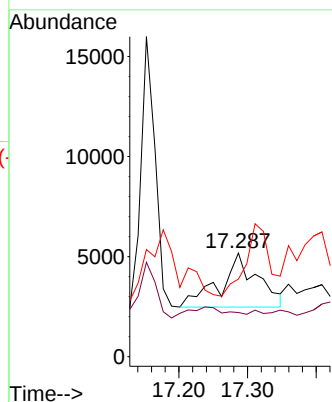
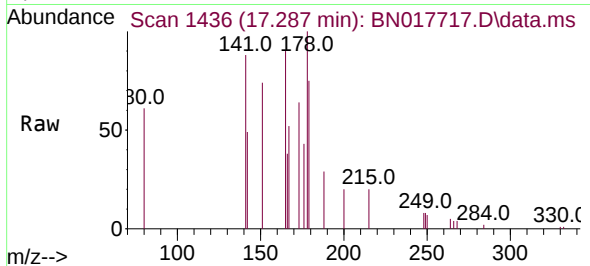




#26
 Anthracene
 Concen: 0.037 ng
 RT: 17.287 min Scan# 1436
 Delta R.T. 0.037 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

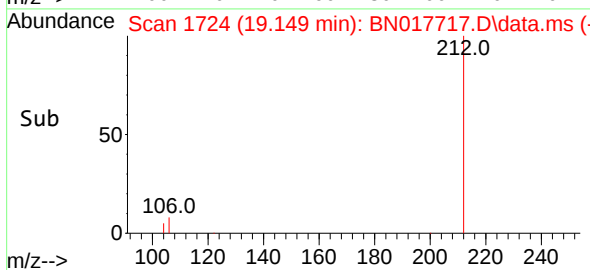
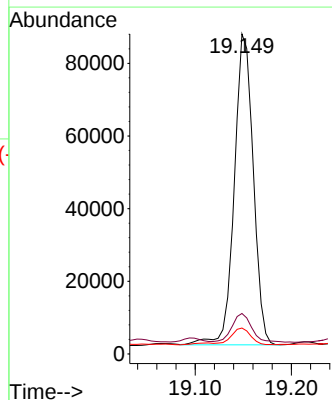
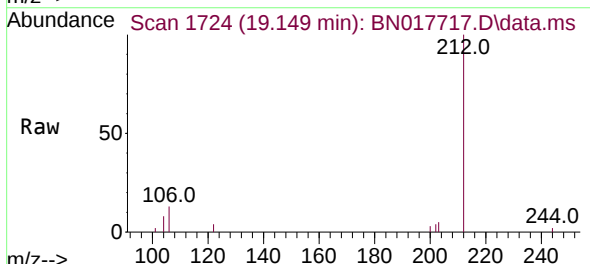
Instrument :
 BNA_N
 ClientSampleId :
 MW-29

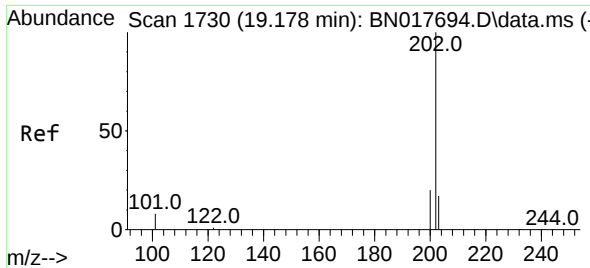
Tgt Ion:178 Resp: 10285
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.6 22.0#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.294 ng
 RT: 19.149 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion:212 Resp: 117437
 Ion Ratio Lower Upper
 212 100
 106 9.5 10.5 15.7#
 104 5.3 5.8 8.6#

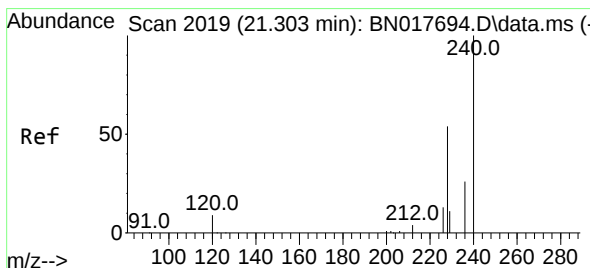
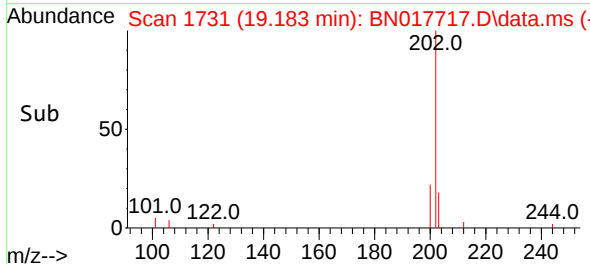
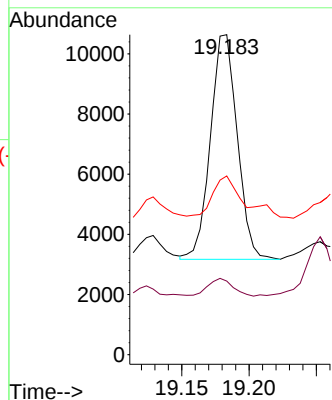
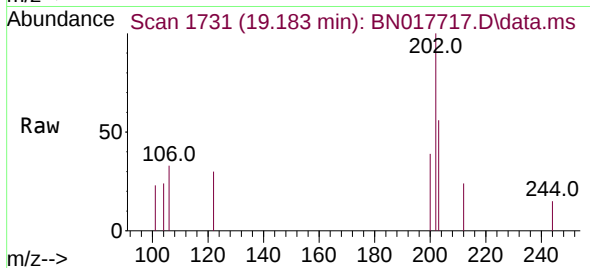




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.183 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

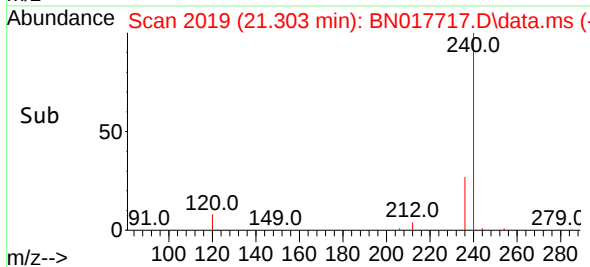
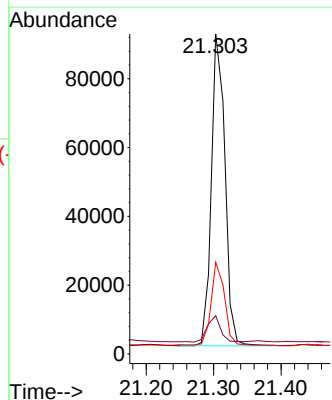
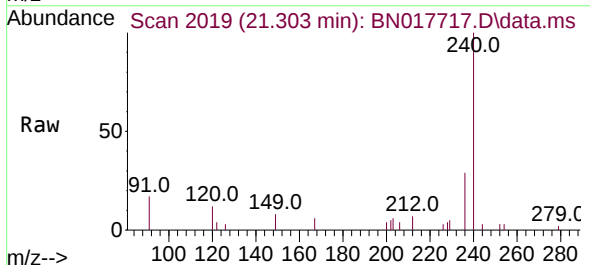
Instrument :
BNA_N
ClientSampleId :
MW-29

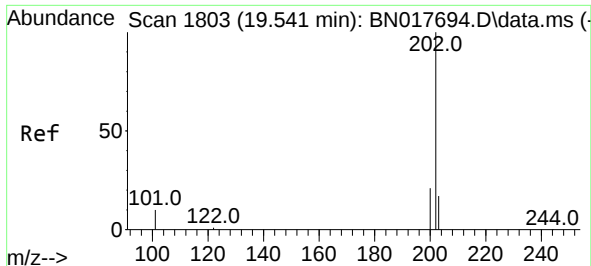
Tgt Ion:202 Resp: 10369
Ion Ratio Lower Upper
202 100
101 7.2 8.9 13.3#
203 16.7 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:240 Resp: 126629
Ion Ratio Lower Upper
240 100
120 12.0 4.2 6.2#
236 28.7 20.0 30.0

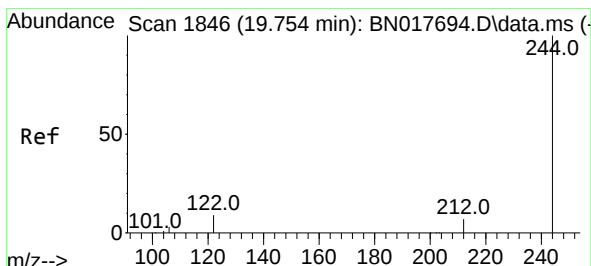
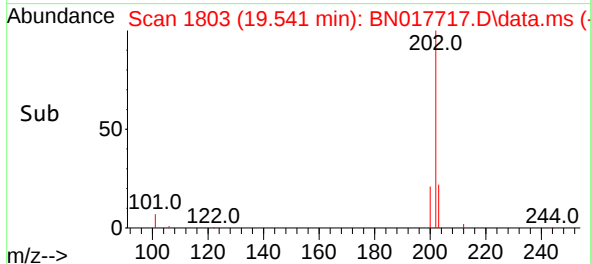
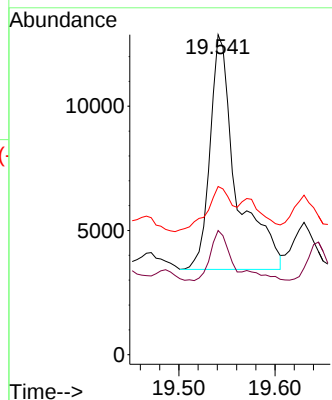
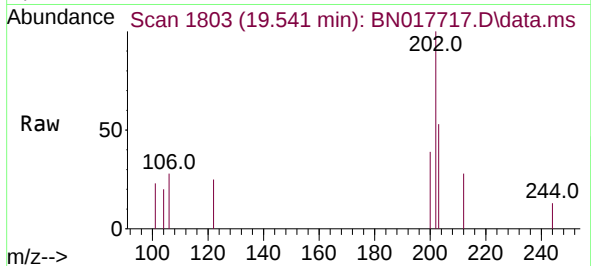




#30
Pyrene
Concen: 0.045 ng
RT: 19.541 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

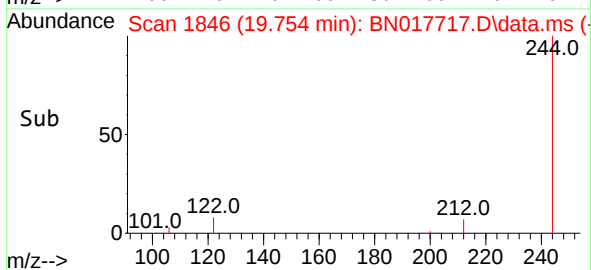
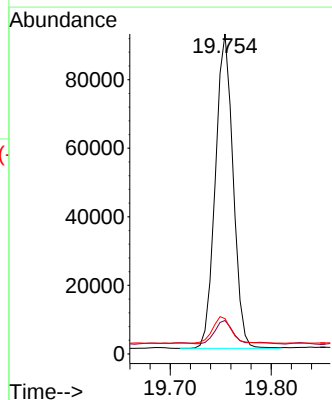
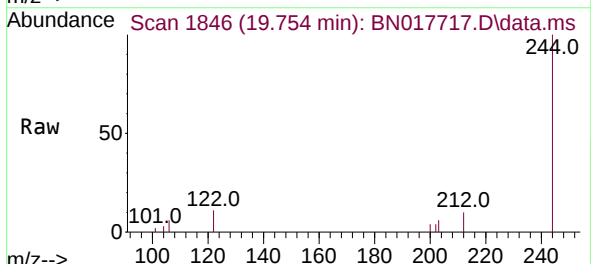
Instrument :
BNA_N
ClientSampleId :
MW-29

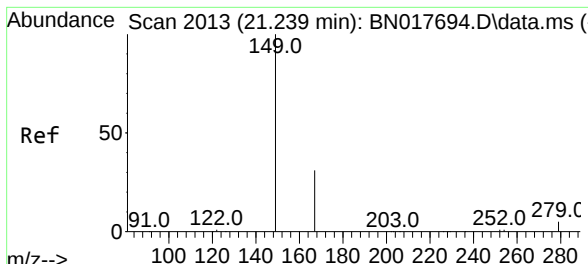
Tgt Ion:202 Resp: 18030
Ion Ratio Lower Upper
202 100
200 15.2 16.5 24.7#
203 18.3 14.0 21.0



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:244 Resp: 111870
Ion Ratio Lower Upper
244 100
212 10.4 5.7 8.5#
122 11.1 8.6 13.0

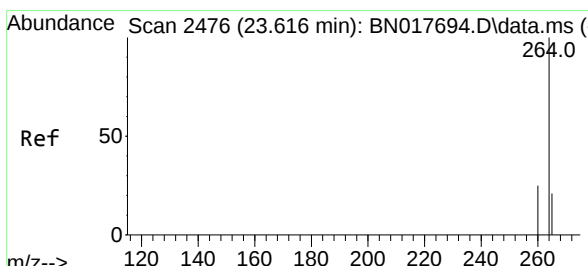
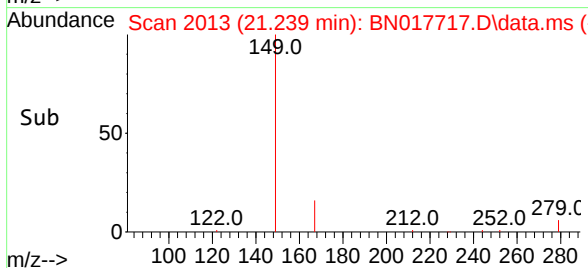
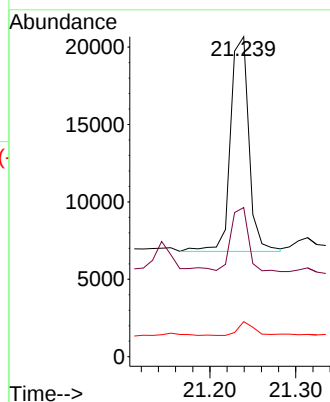
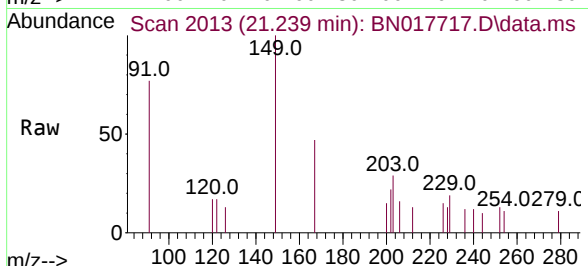




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.239 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

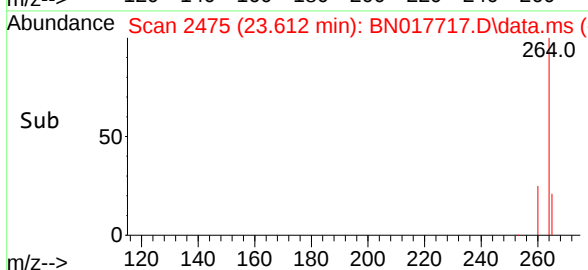
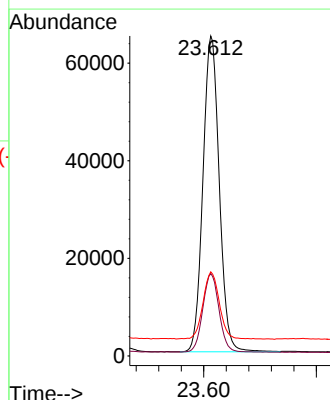
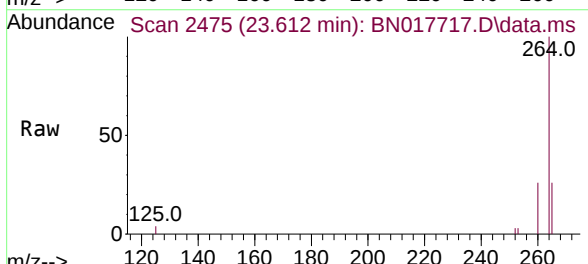
Instrument :
 BNA_N
 ClientSampleId :
 MW-29

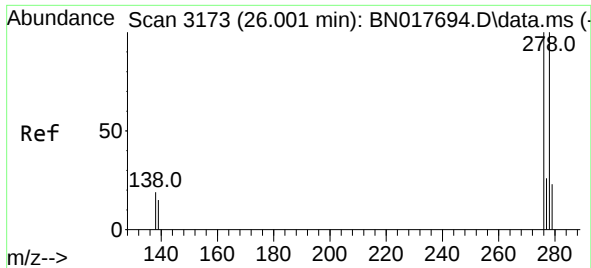
Tgt Ion:149 Resp: 20671
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.6
 279 5.4 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.612 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Tgt Ion:264 Resp: 130475
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.2
 265 26.3 18.6 28.0





#40
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng
 RT: 25.995 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN017717.D
 Acq: 04 Dec 2021 08:18

Instrument :
 BNA_N
 ClientSampleId :
 MW-29

Tgt Ion:278 Resp: 946
 Ion Ratio Lower Upper
 278 100
 139 215.8 13.0 19.6#
 279 111.2 19.2 28.8#

