

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017773.D
 Acq On : 07 Dec 2021 21:13
 Operator : CG/JU
 Sample : M4917-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-29

Quant Time: Dec 08 07:34:09 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)

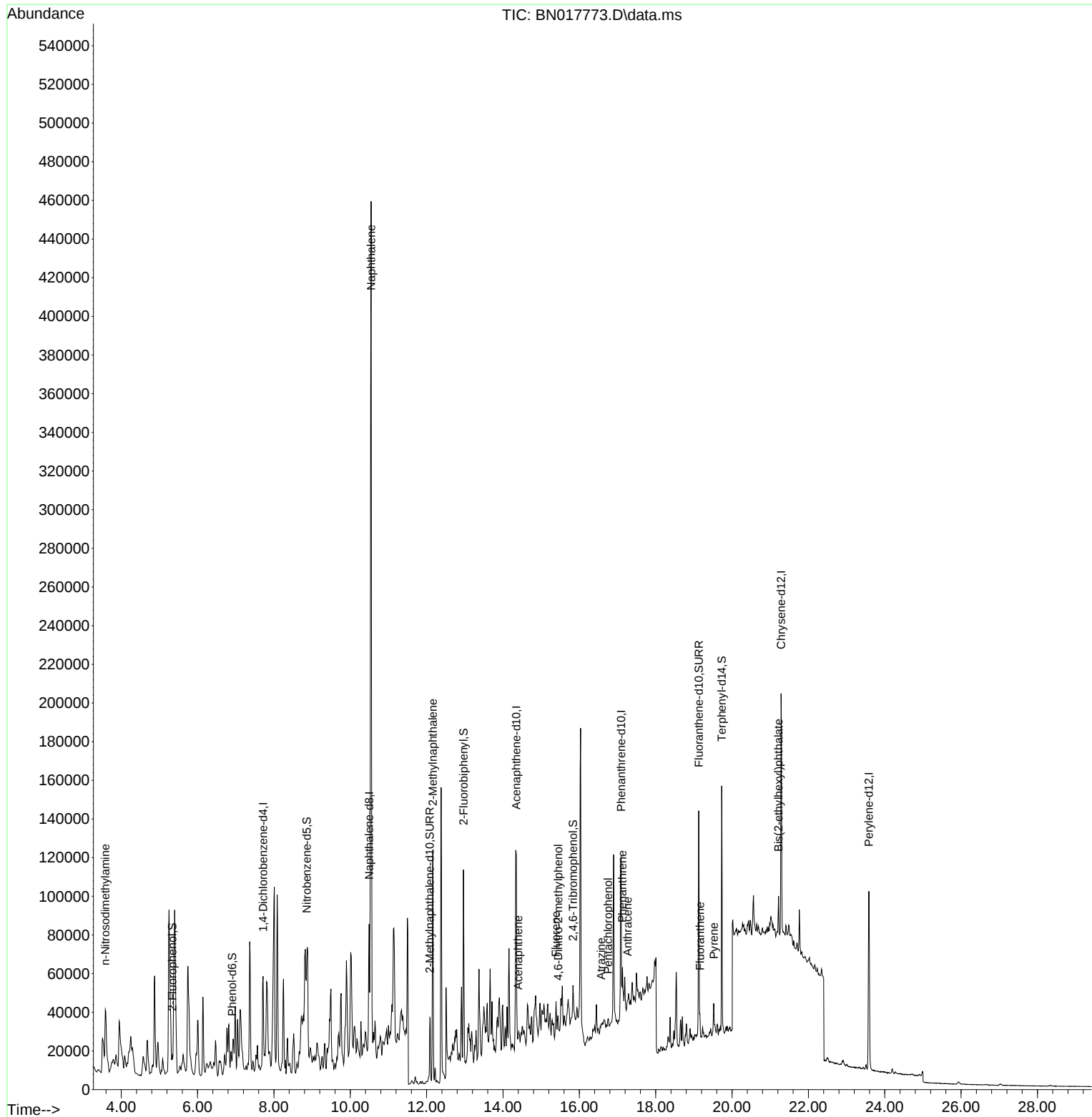
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21860	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84521	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	65672	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	131385	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	128458	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	129905	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9887	0.187	ng	0.00
5) Phenol-d6	6.904	99	4389	0.088	ng	0.00
8) Nitrobenzene-d5	8.859	82	44357	0.789	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	47291	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	17182	0.500	ng	-0.01
15) 2-Fluorobiphenyl	12.965	172	84397	0.351	ng	0.00
27) Fluoranthene-d10	19.130	212	142270	0.324	ng	0.00
31) Terphenyl-d14	19.730	244	131307	0.476	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.584	42	6592	0.292	ng	# 1
9) Naphthalene	10.545	128	592360	2.677	ng	100
12) 2-Methylnaphthalene	12.161	142	84253	0.528	ng	98
17) Acenaphthene	14.398	154	3661	0.021	ng	# 75
18) Fluorene	15.388	166	8799	0.040	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.451	198	143	0.184	ng	# 1
23) Atrazine	16.569	200	4210	0.073	ng	# 13
24) Pentachlorophenol	16.752	266	1243	0.315	ng	95
25) Phenanthrene	17.129	178	28159	0.082	ng	# 81
26) Anthracene	17.263	178	10994	0.036	ng	# 61
28) Fluoranthene	19.159	202	11690	0.028	ng	# 92
30) Pyrene	19.522	202	19692	0.048	ng	98
34) Bis(2-ethylhexyl)phtha...	21.219	149	18891	0.105	ng	# 97

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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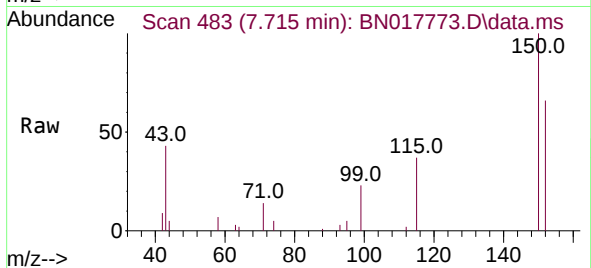
Quant Time: Dec 08 07:34:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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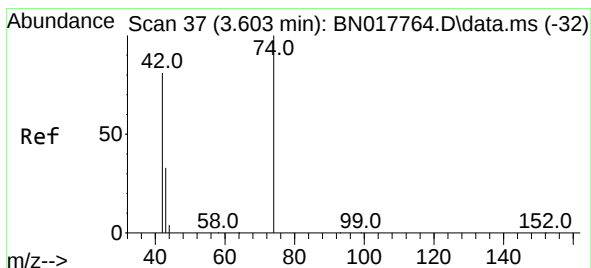
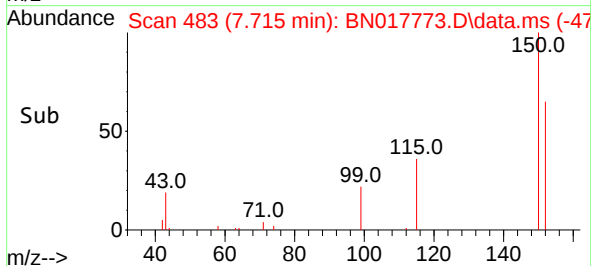
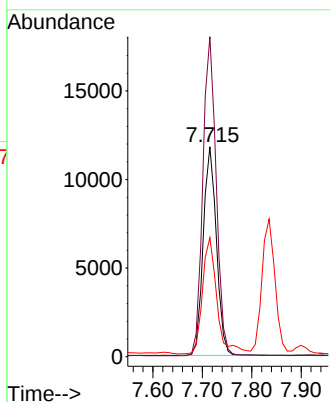


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Instrument :
BNA_N
ClientSampleId :
MW-29

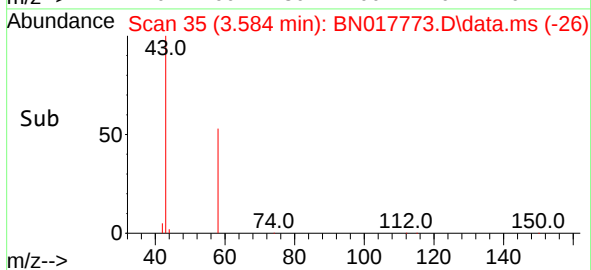
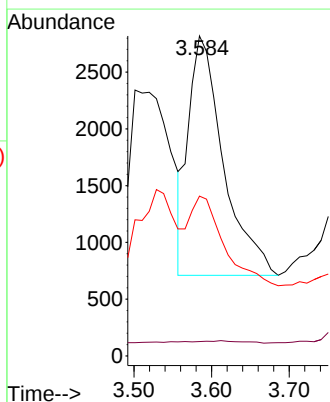
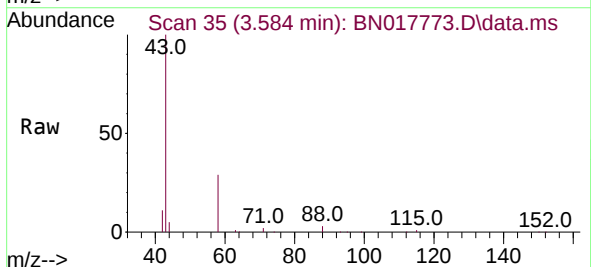


Tgt Ion:152 Resp: 21860
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.4
115 56.7 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.584 min Scan# 35
Delta R.T. -0.018 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion: 42 Resp: 6592
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 34.8 5.0 7.4#

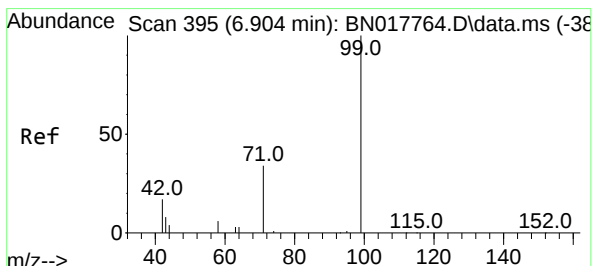
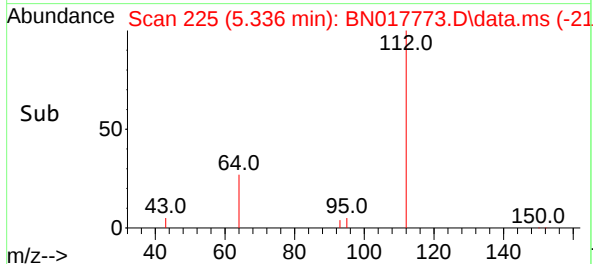
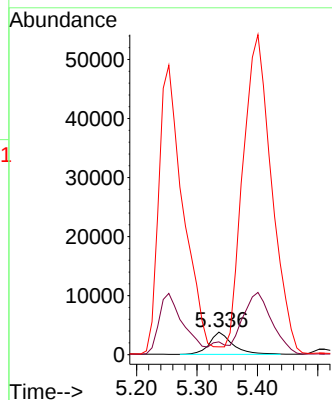
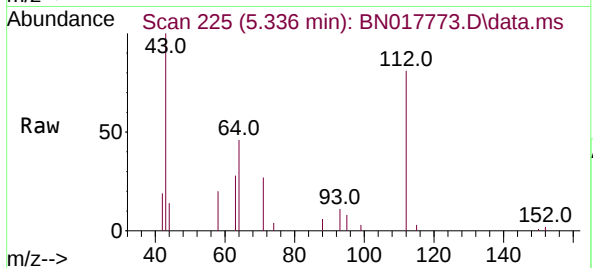




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

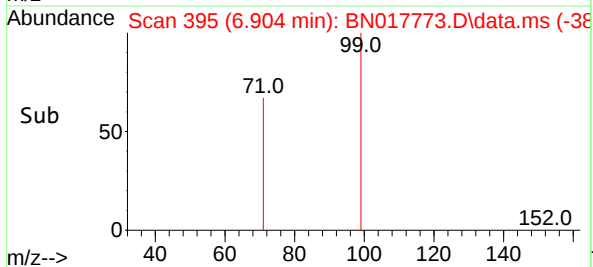
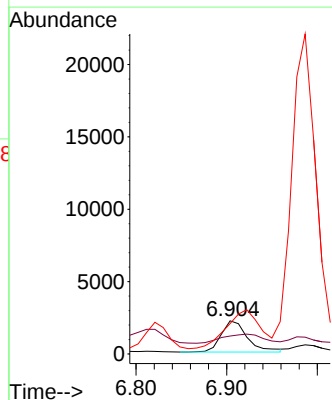
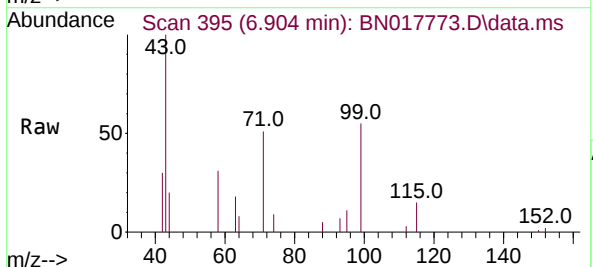
Instrument :
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ClientSampleId :
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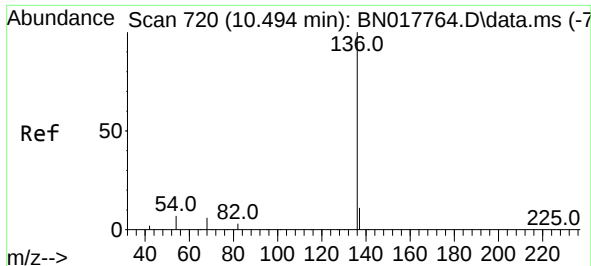
Tgt Ion:112 Resp: 9887
Ion Ratio Lower Upper
112 100
64 12.3 49.3 73.9#
63 0.0 25.8 38.8#



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.904 min Scan# 395
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion: 99 Resp: 4389
Ion Ratio Lower Upper
99 100
42 44.1 16.6 25.0#
71 158.6 29.0 43.4#

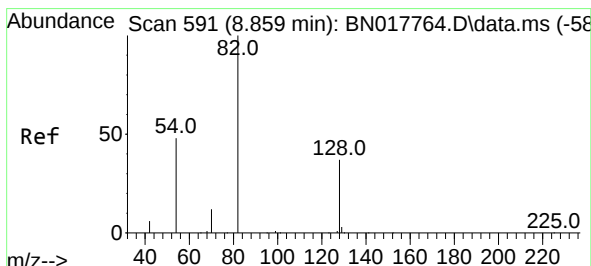
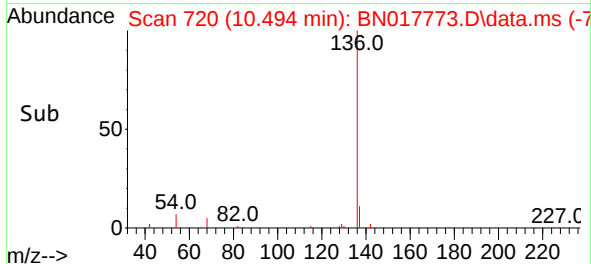
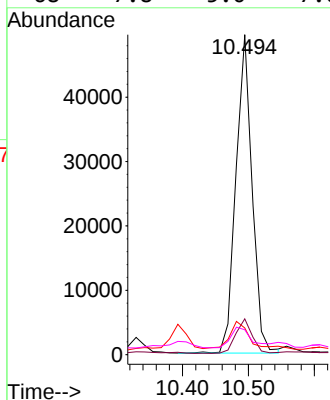
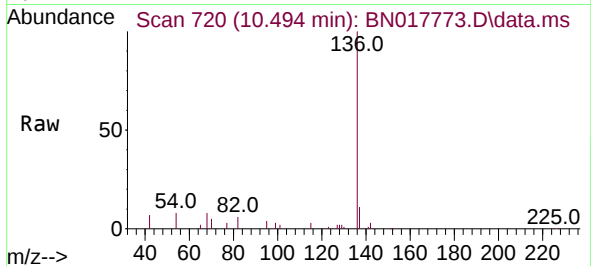




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

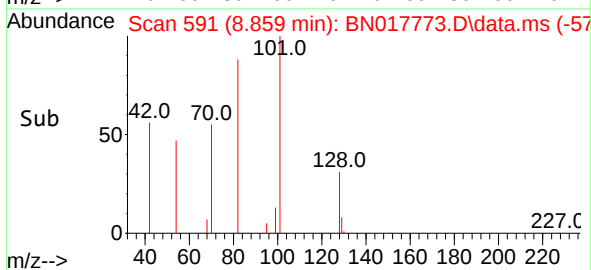
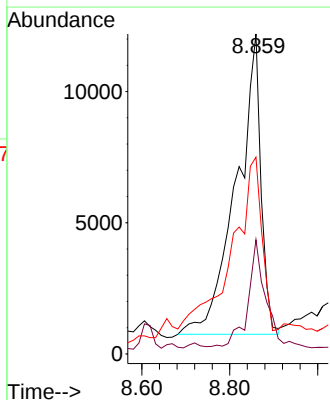
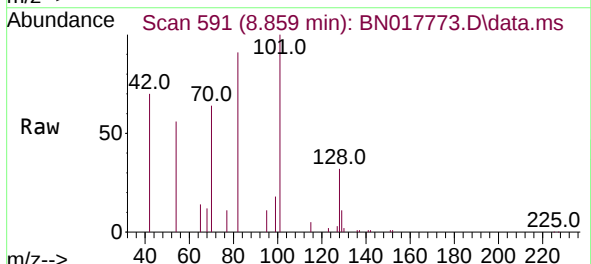
Instrument :
BNA_N
ClientSampleId :
MW-29

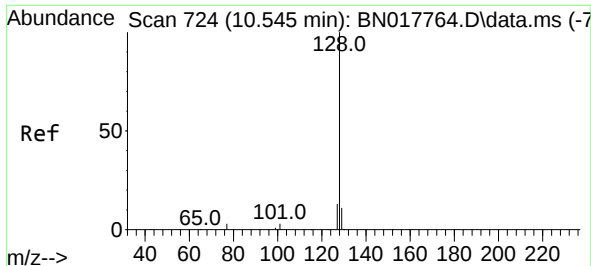
Tgt Ion:	136	Resp:	84521
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.3	5.9	8.9
68	7.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.789 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:	82	Resp:	44357
Ion Ratio	Lower	Upper	
82	100		
128	35.7	30.2	45.2
54	61.5	39.0	58.6

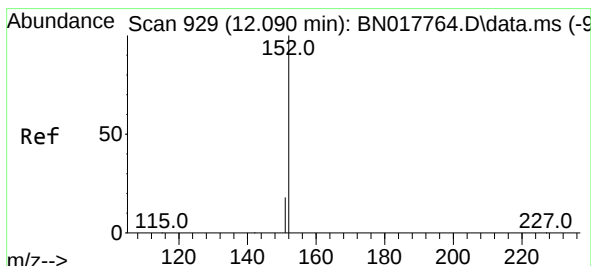
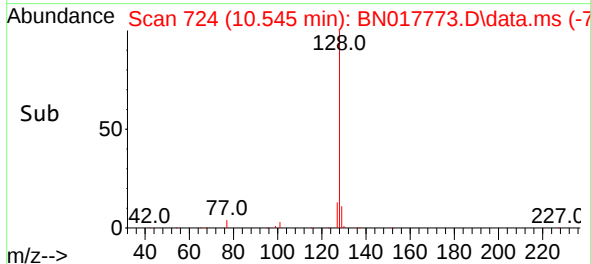
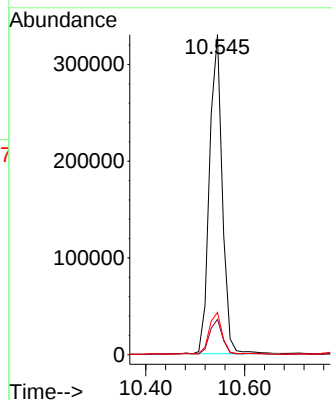
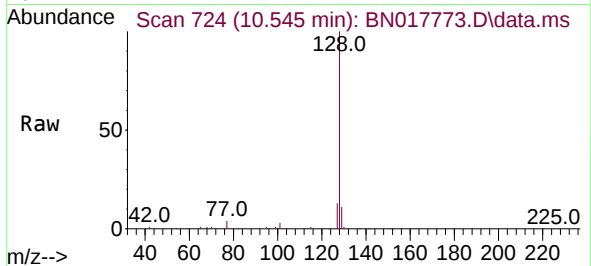




#9
Naphthalene
Concen: 2.677 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

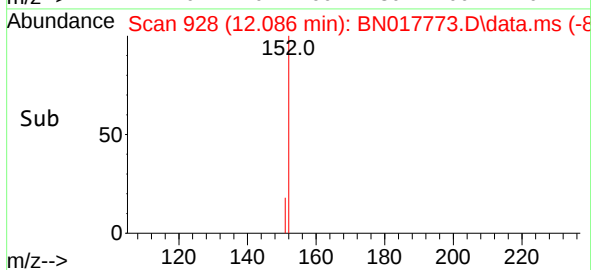
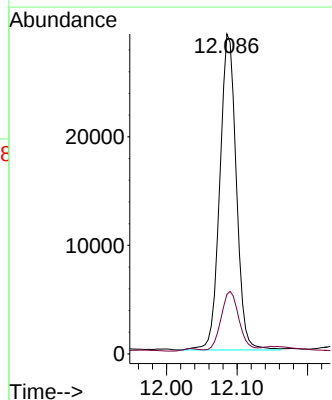
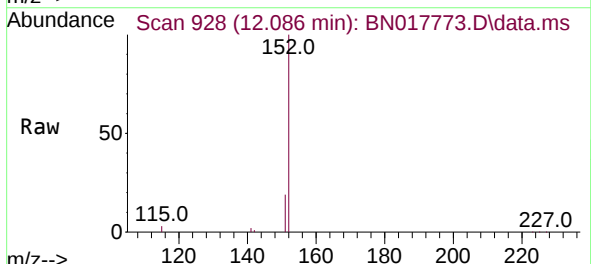
Instrument :
BNA_N
ClientSampleId :
MW-29

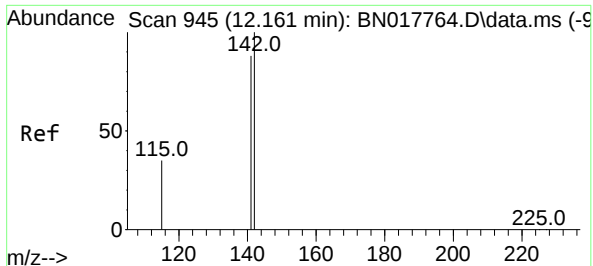
Tgt Ion:128 Resp: 592360
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.086 min Scan# 928
Delta R.T. -0.004 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:152 Resp: 47291
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.528 ng

RT: 12.161 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN017773.D

Acq: 07 Dec 2021 21:13

Instrument :

BNA_N

ClientSampleId :

MW-29

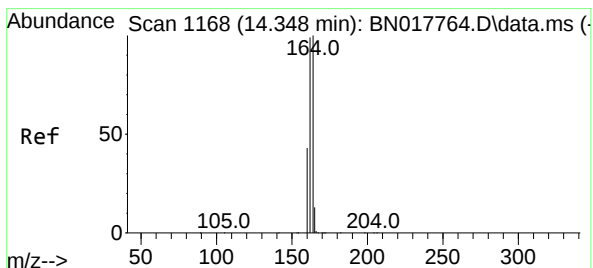
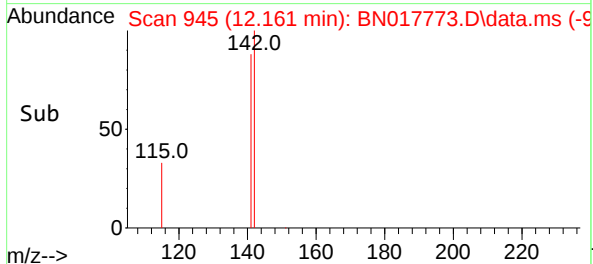
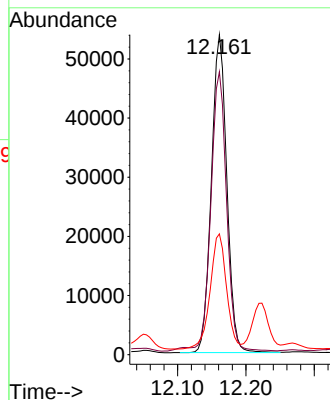
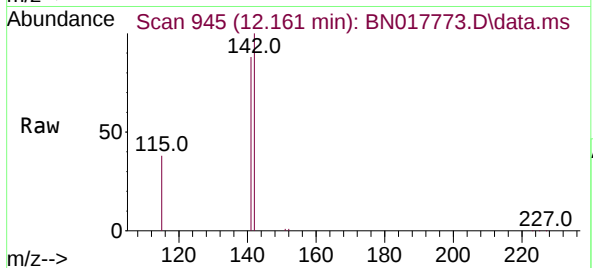
Tgt Ion:142 Resp: 84253

Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7

115 37.7 28.0 42.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.348 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BN017773.D

Acq: 07 Dec 2021 21:13

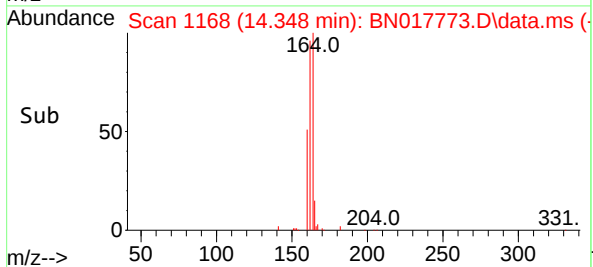
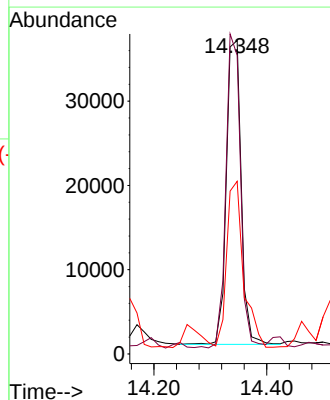
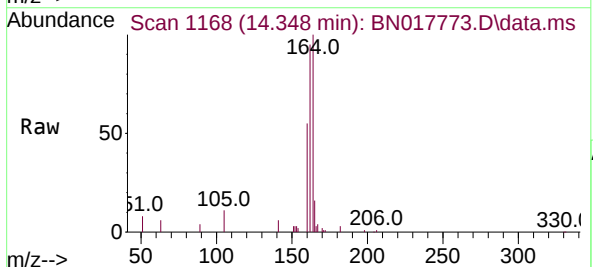
Tgt Ion:164 Resp: 65672

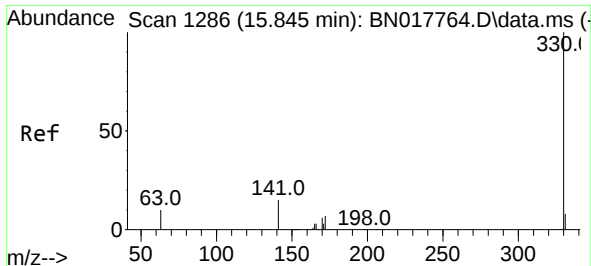
Ion Ratio Lower Upper

164 100

162 95.3 79.0 118.6

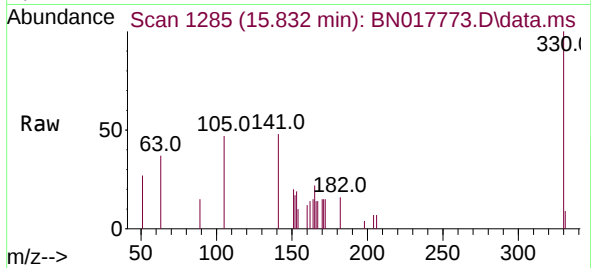
160 55.1 34.6 52.0#



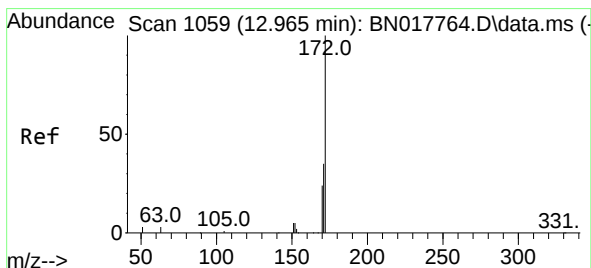
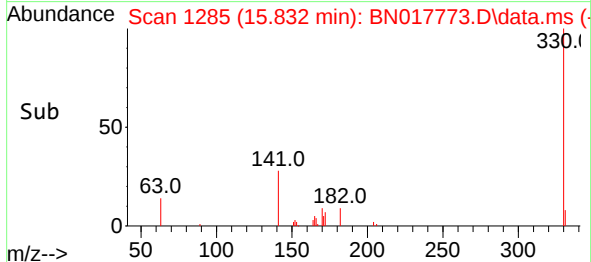
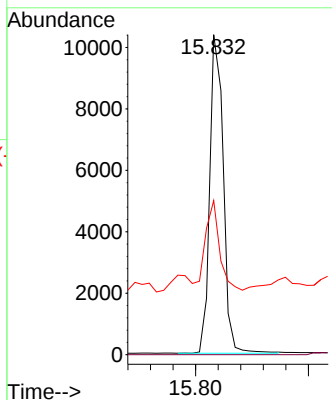


#14
 2,4,6-Tribromophenol
 Concen: 0.500 ng
 RT: 15.832 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

Instrument :
 BNA_N
 ClientSampleId :
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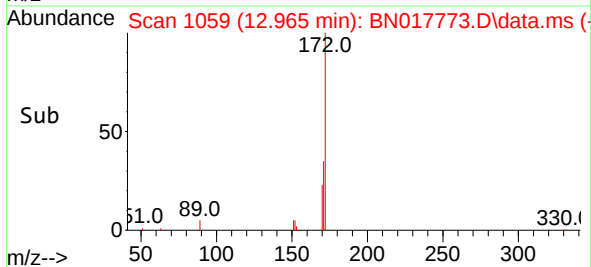
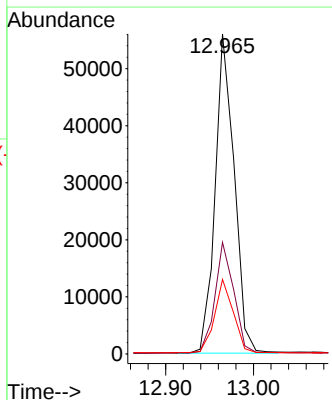
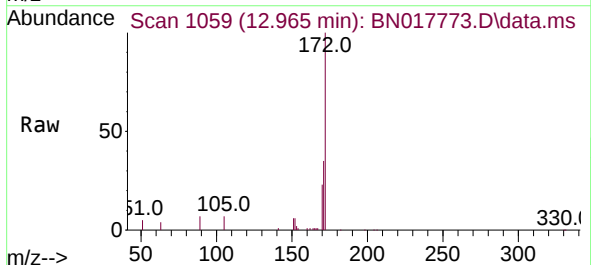


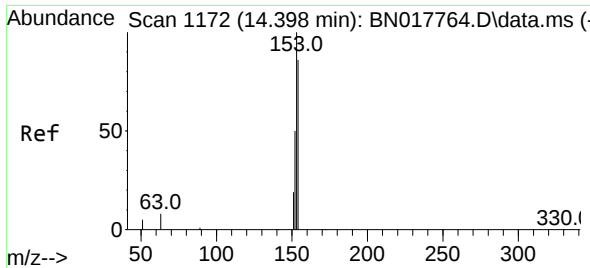
Tgt Ion: 330 Resp: 17182
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 29.2 21.5 32.3



#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 12.965 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

Tgt Ion: 172 Resp: 84397
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.3 18.9 28.3

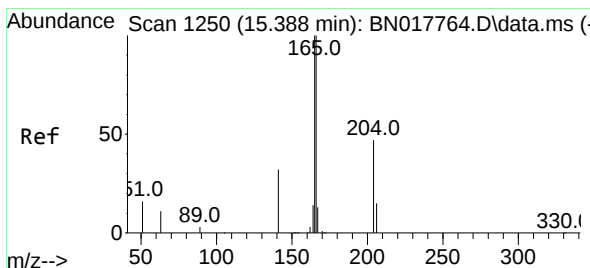
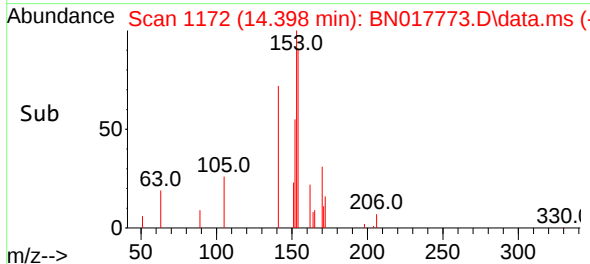
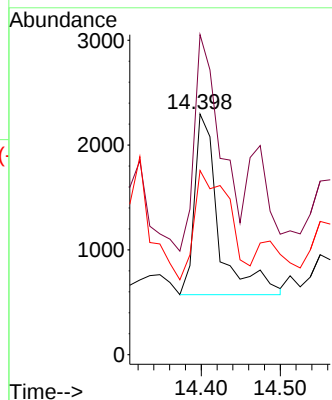
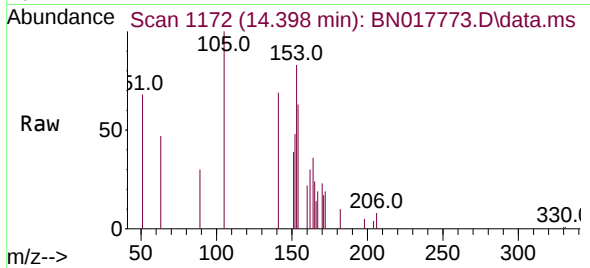




#17
Acenaphthene
Concen: 0.021 ng
RT: 14.398 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

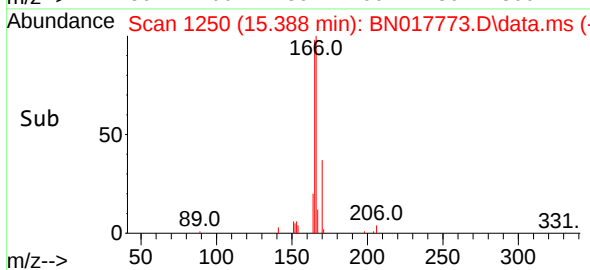
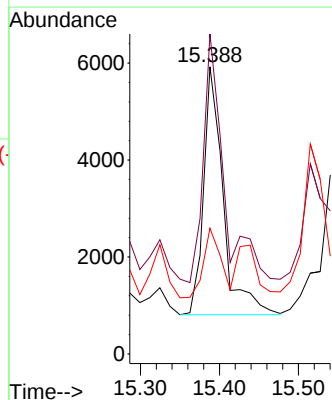
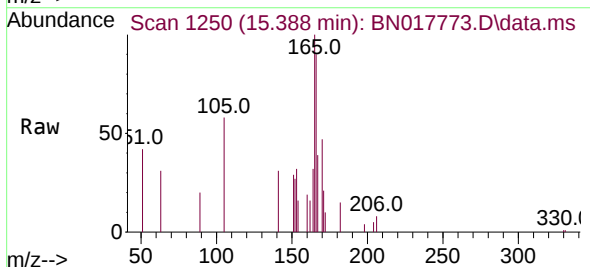
Instrument :
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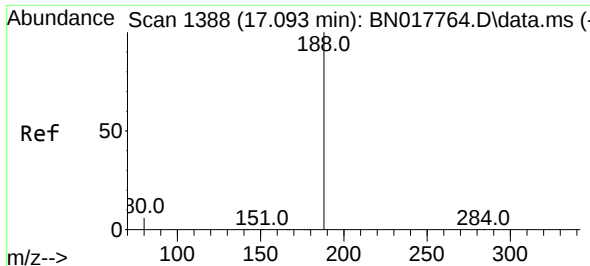
Tgt Ion:154 Resp: 3661
Ion Ratio Lower Upper
154 100
153 129.4 90.1 135.1
152 86.3 43.7 65.5#



#18
Fluorene
Concen: 0.040 ng
RT: 15.388 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:166 Resp: 8799
Ion Ratio Lower Upper
166 100
165 105.7 77.8 116.8
167 24.6 11.0 16.4#

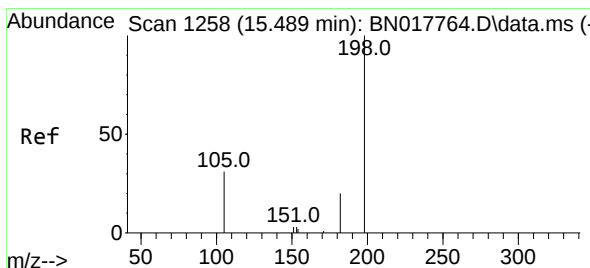
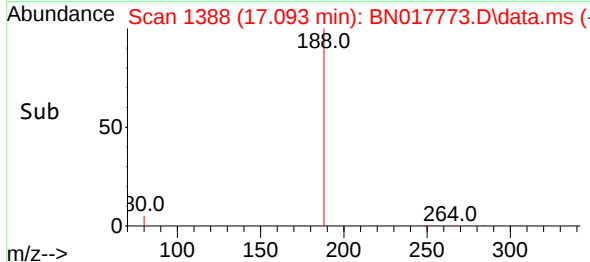
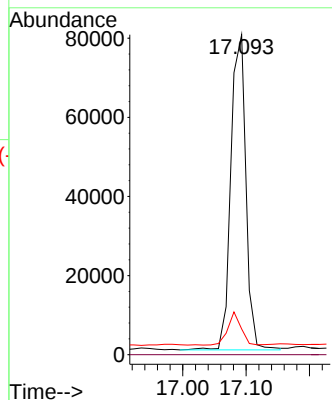
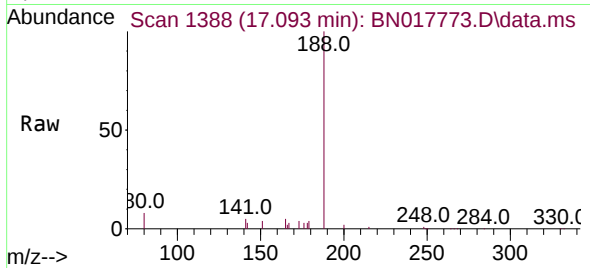




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

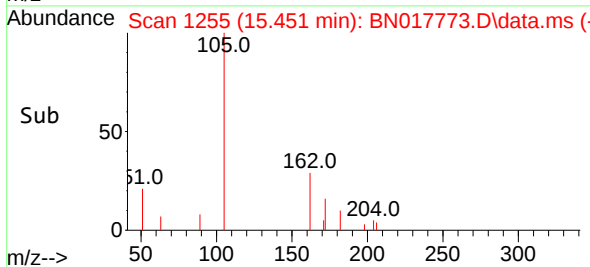
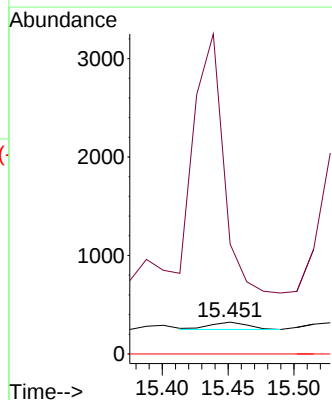
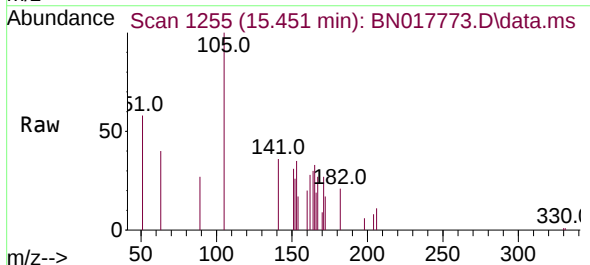
Instrument :
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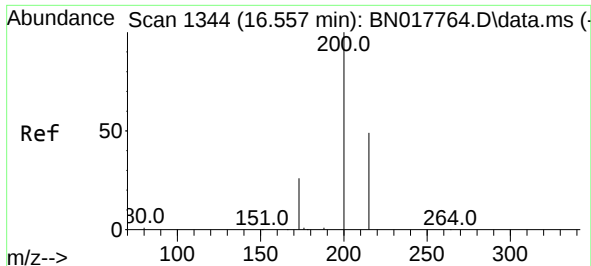
Tgt Ion:188 Resp: 131385
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.451 min Scan# 1255
Delta R.T. -0.038 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
182 345.5 44.2 66.2#
77 0.0 0.0 0.0

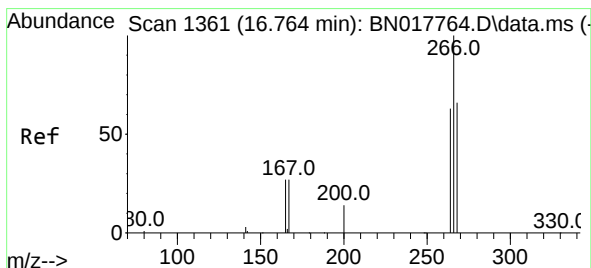
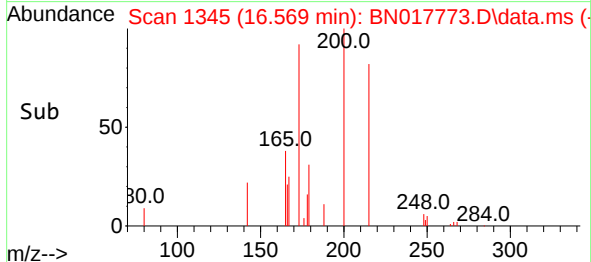
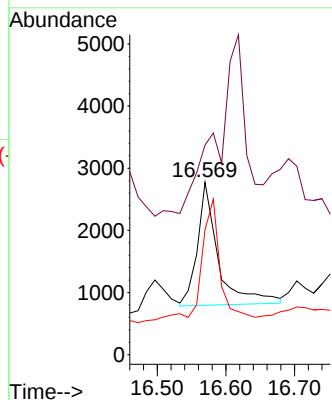
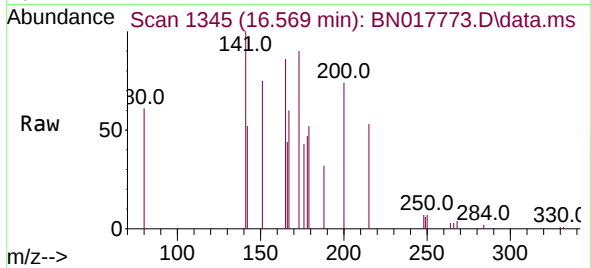




#23
 Atrazine
 Concen: 0.073 ng
 RT: 16.569 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

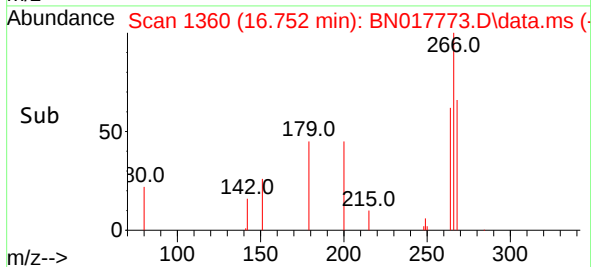
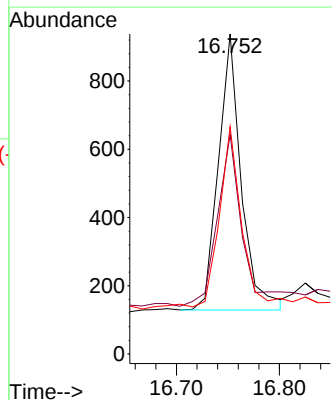
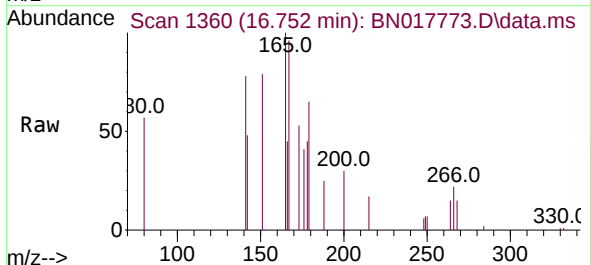
Instrument :
 BNA_N
 ClientSampleId :
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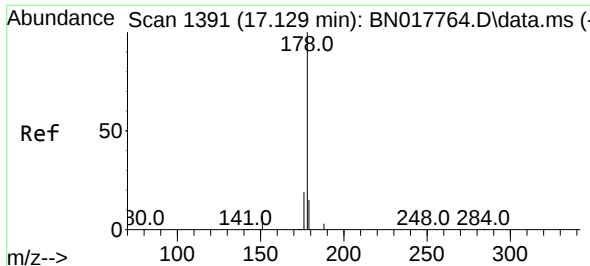
Tgt Ion:200 Resp: 4210
 Ion Ratio Lower Upper
 200 100
 173 121.6 21.4 32.2#
 215 72.4 39.3 58.9#



#24
 Pentachlorophenol
 Concen: 0.315 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

Tgt Ion:266 Resp: 1243
 Ion Ratio Lower Upper
 266 100
 264 71.4 50.8 76.2
 268 64.4 51.8 77.6

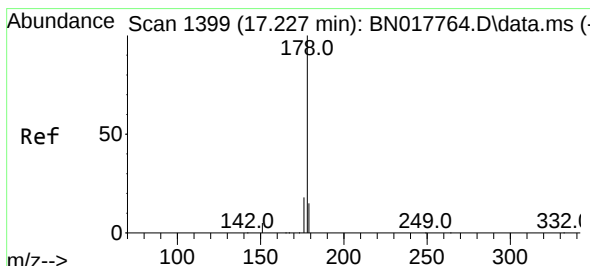
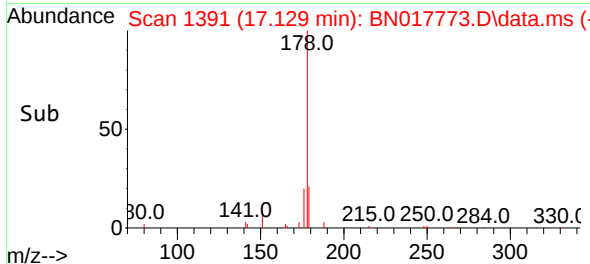
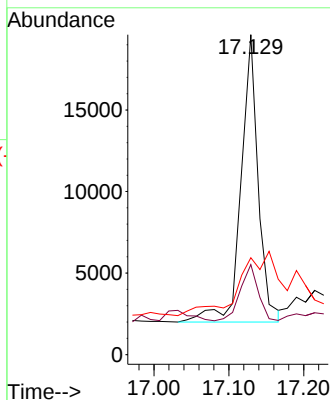
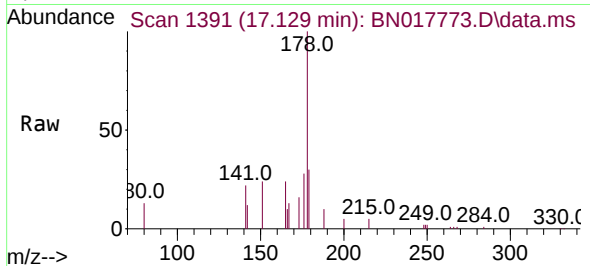




#25
Phenanthrene
Concen: 0.082 ng
RT: 17.129 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

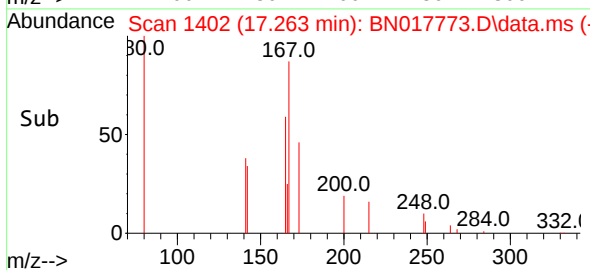
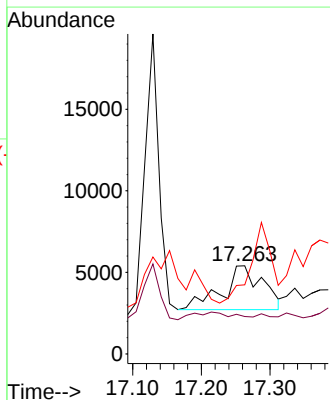
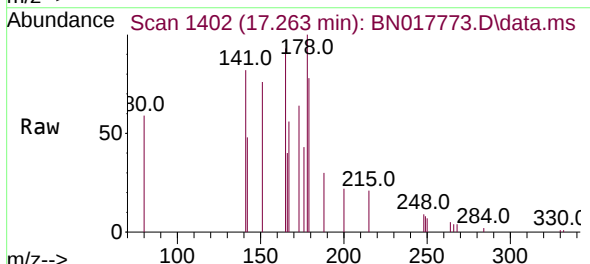
Instrument :
BNA_N
ClientSampleId :
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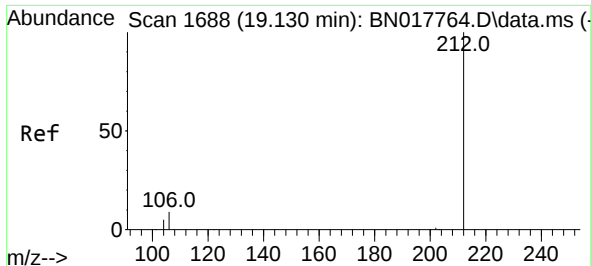
Tgt Ion:178 Resp: 28159
Ion Ratio Lower Upper
178 100
176 20.6 15.0 22.6
179 0.0 12.5 18.7#



#26
Anthracene
Concen: 0.036 ng
RT: 17.263 min Scan# 1402
Delta R.T. 0.037 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:178 Resp: 10994
Ion Ratio Lower Upper
178 100
176 0.0 14.5 21.7#
179 0.0 12.2 18.4#

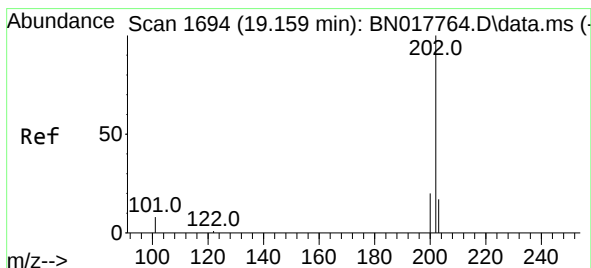
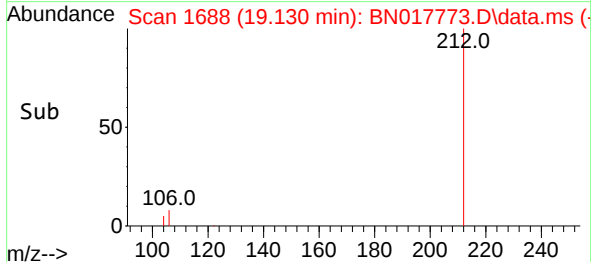
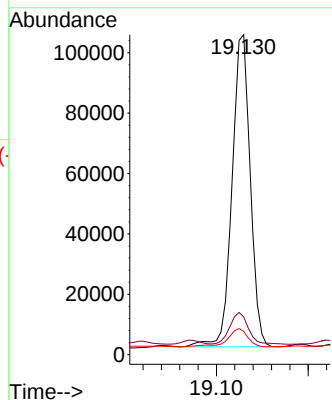
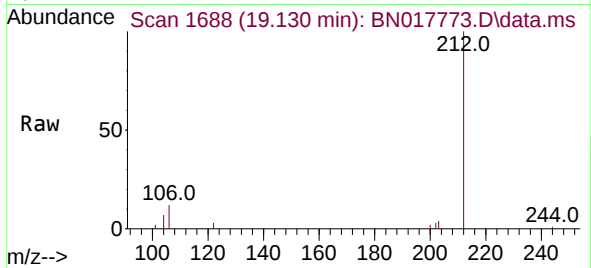




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

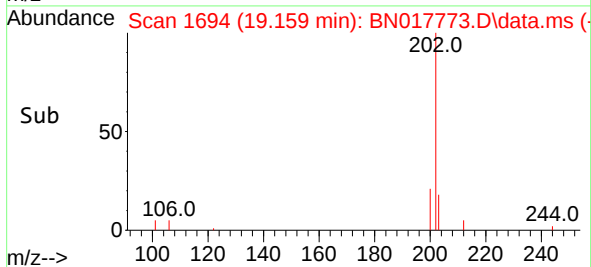
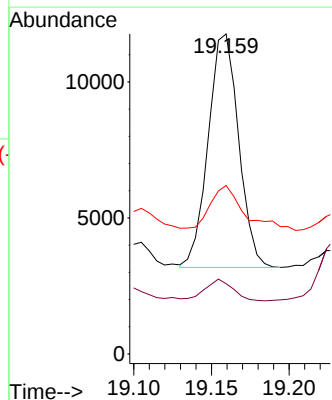
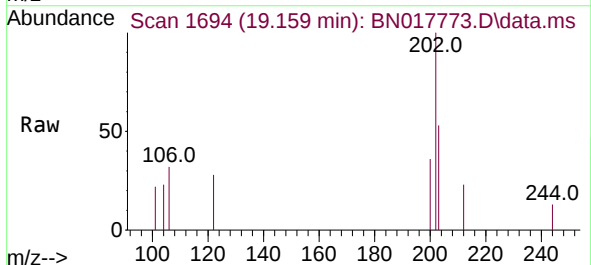
Instrument :
BNA_N
ClientSampleId :
MW-29

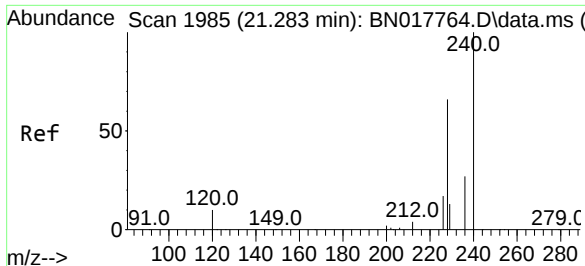
Tgt Ion:212 Resp: 142270
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 6.5 4.6 6.8



#28
Fluoranthene
Concen: 0.028 ng
RT: 19.159 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:202 Resp: 11690
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 21.9 13.7 20.5#

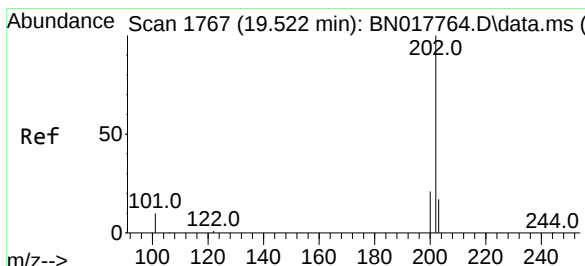
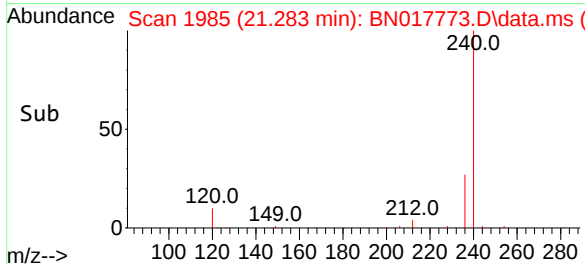
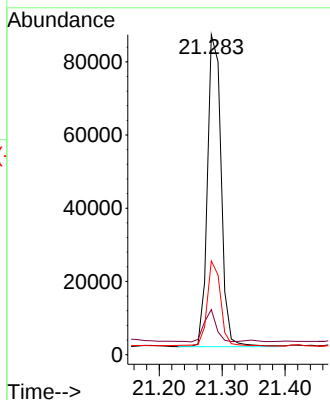
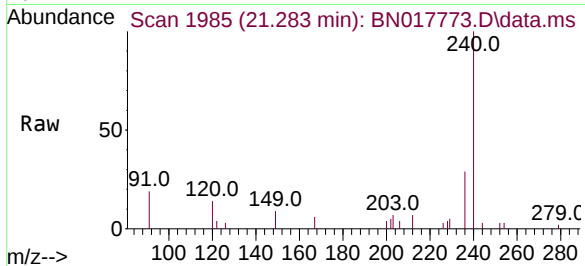




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

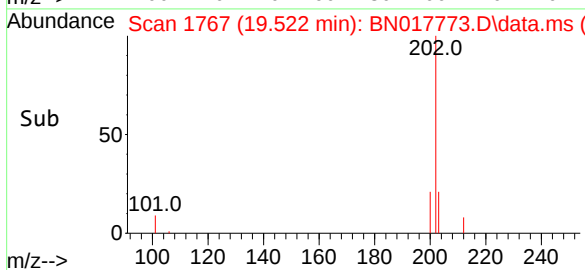
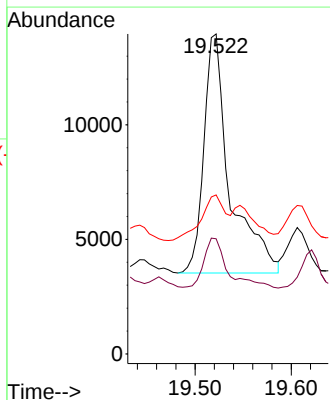
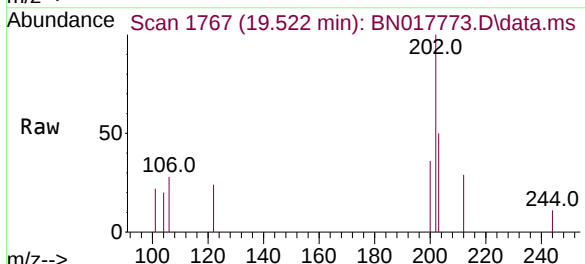
Instrument :
BNA_N
ClientSampleId :
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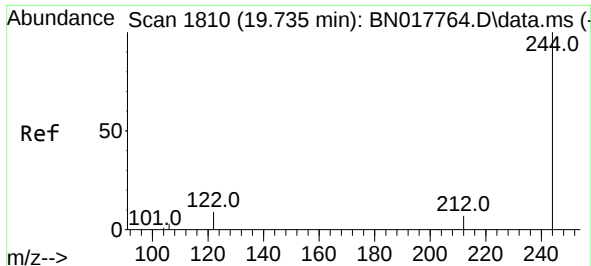
Tgt Ion:240 Resp: 128458
Ion Ratio Lower Upper
240 100
120 14.1 7.9 11.9#
236 29.3 21.4 32.2



#30
Pyrene
Concen: 0.048 ng
RT: 19.522 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:202 Resp: 19692
Ion Ratio Lower Upper
202 100
200 19.1 16.5 24.7
203 18.2 14.0 21.0

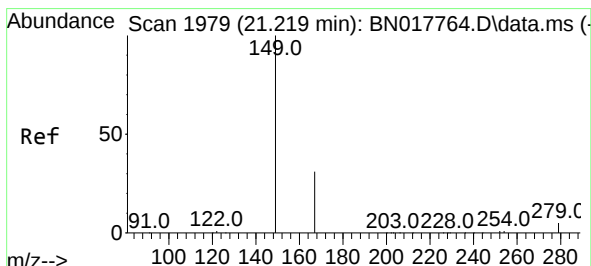
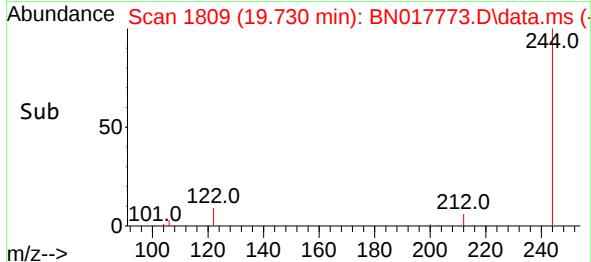
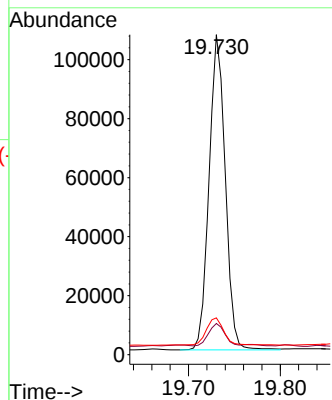
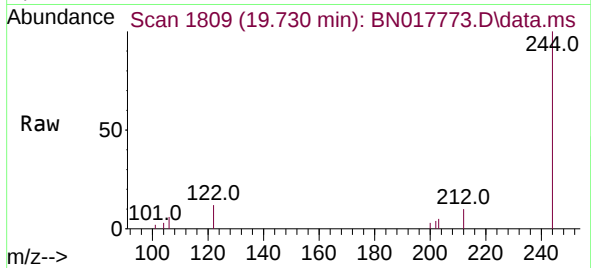




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

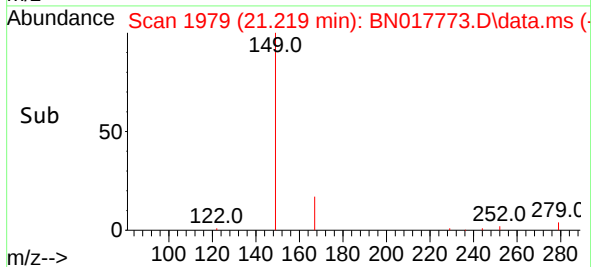
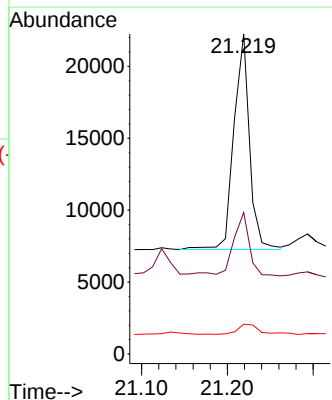
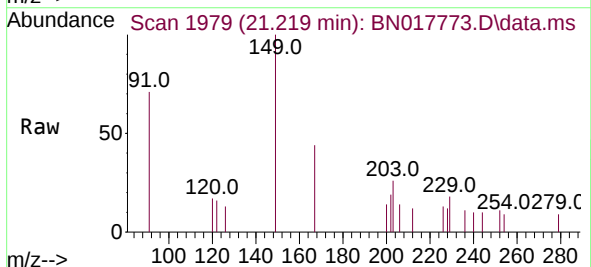
Instrument :
 BNA_N
 ClientSampleId :
 MW-29

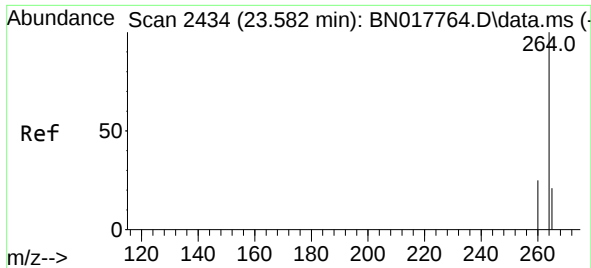
Tgt Ion:244 Resp: 131307
 Ion Ratio Lower Upper
 244 100
 212 9.8 5.8 8.8#
 122 11.5 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

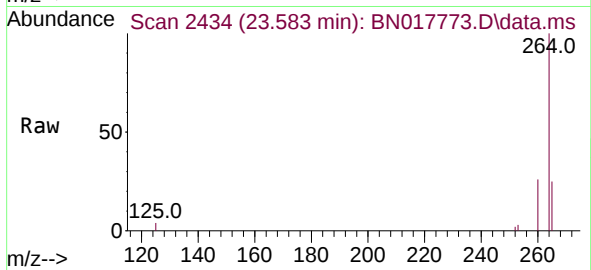
Tgt Ion:149 Resp: 18891
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.5 35.3
 279 6.5 3.8 5.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017773.D
 Acq: 07 Dec 2021 21:13

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:264 Resp: 129905

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	25.1	20.5	30.7

