

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017794.D
 Acq On : 08 Dec 2021 10:57
 Operator : CG/JU
 Sample : M4918-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-44

Quant Time: Dec 09 00:04:28 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)

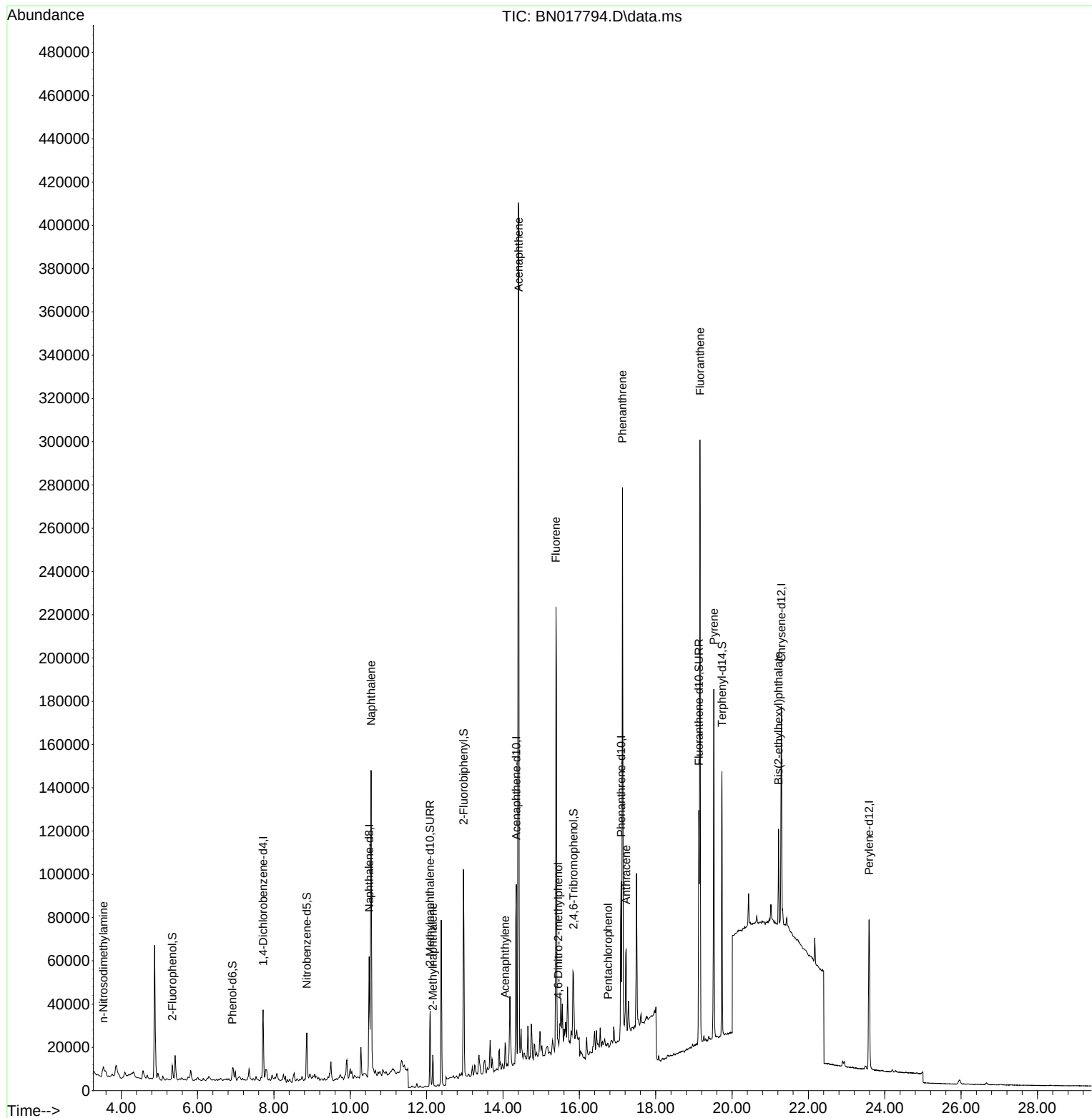
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	18412	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	74509	0.400	ng	0.00
13) Acenaphthene-d10	14.348	164	51734	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	106174	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	102415	0.400	ng	0.01
35) Perylene-d12	23.589	264	98569	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7357	0.165	ng	0.00
5) Phenol-d6	6.913	99	4319	0.103	ng	0.00
8) Nitrobenzene-d5	8.859	82	19107	0.385	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	48478	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	14779	0.546	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	88086	0.465	ng	0.00
27) Fluoranthene-d10	19.130	212	125443	0.353	ng	0.00
31) Terphenyl-d14	19.735	244	129645	0.589	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.529	42	1942	0.102	ng	# 1
9) Naphthalene	10.545	128	190104	0.974	ng	100
12) 2-Methylnaphthalene	12.161	142	10666	0.076	ng	# 94
16) Acenaphthylene	14.056	152	10162	0.050	ng	# 85
17) Acenaphthene	14.411	154	244161	1.803	ng	98
18) Fluorene	15.388	166	150232	0.869	ng	98
20) 4,6-Dinitro-2-methylph...	15.451	198	308	0.324	ng	# 1
24) Pentachlorophenol	16.752	266	334	0.291	ng	# 80
25) Phenanthrene	17.129	178	256853	0.921	ng	99
26) Anthracene	17.227	178	47578	0.194	ng	# 90
28) Fluoranthene	19.159	202	250160	0.737	ng	99
30) Pyrene	19.522	202	147192	0.453	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.219	149	36694	0.257	ng	# 99

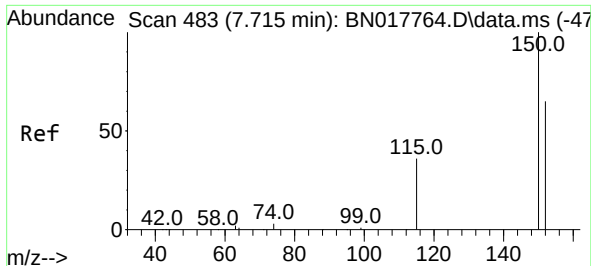
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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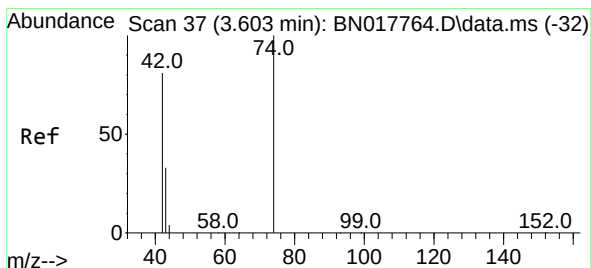
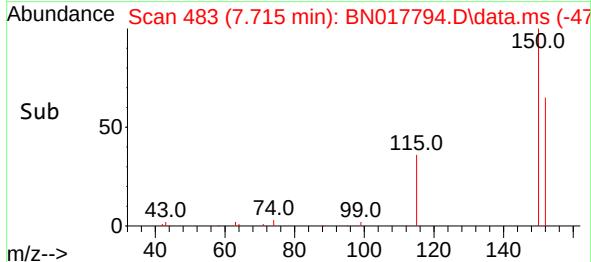
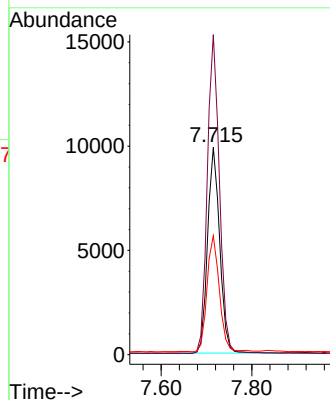
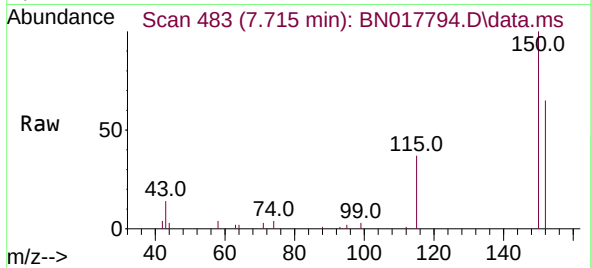




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

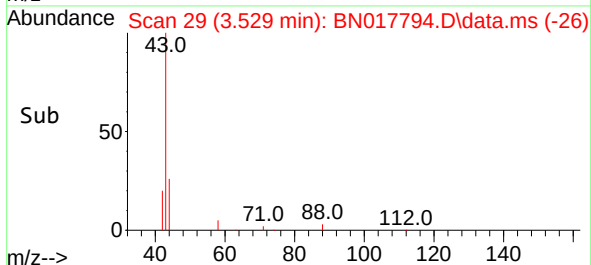
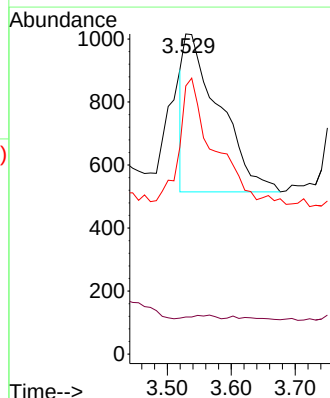
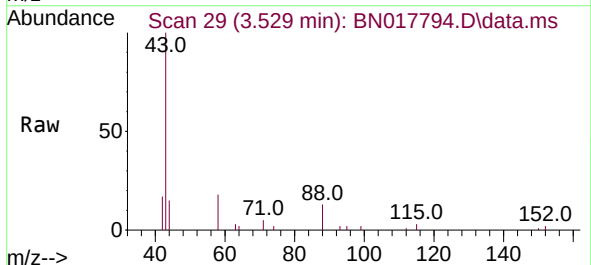
Instrument :
BNA_N
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MW-44

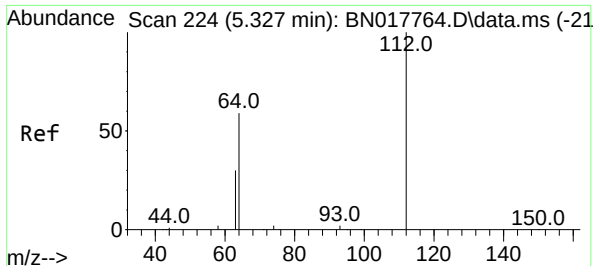
Tgt Ion:152 Resp: 18412
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 57.3 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.529 min Scan# 29
Delta R.T. -0.074 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion: 42 Resp: 1942
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 57.4 5.0 7.4#

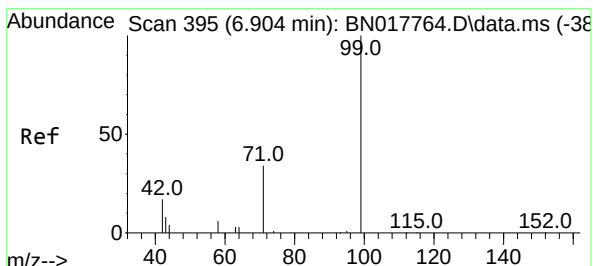
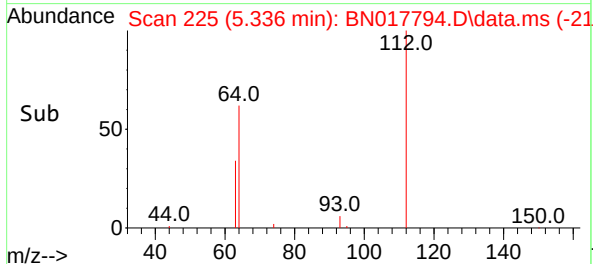
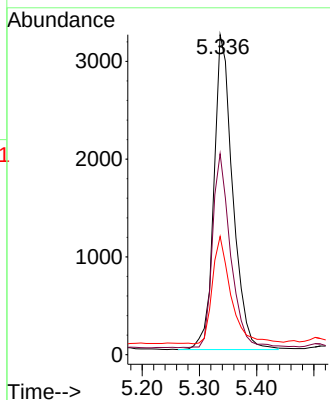
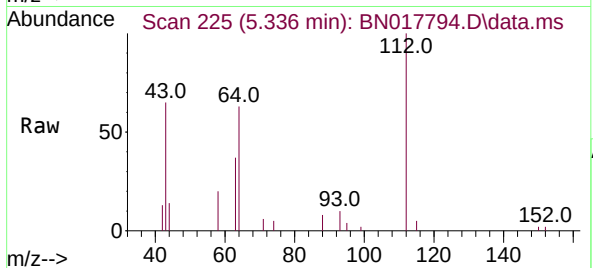




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

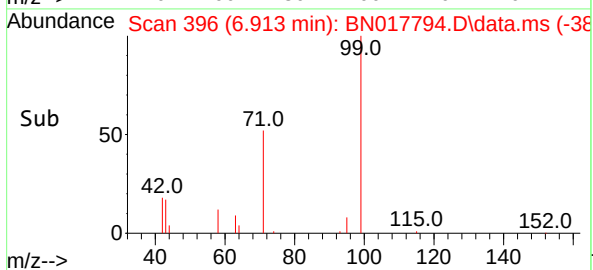
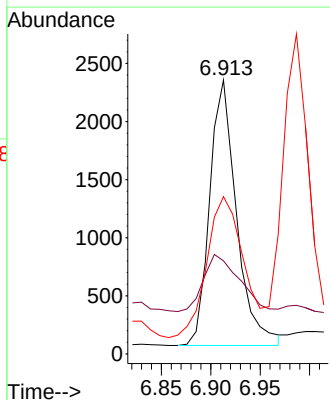
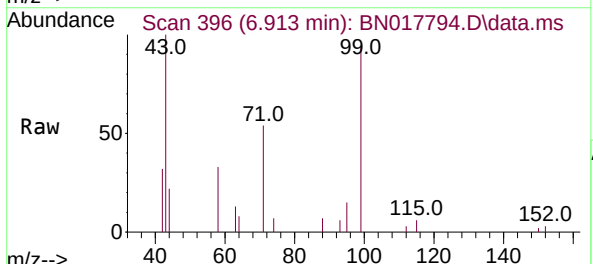
Instrument :
BNA_N
ClientSampleId :
MW-44

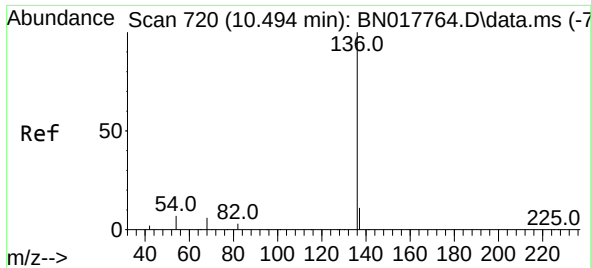
Tgt Ion:112 Resp: 7357
Ion Ratio Lower Upper
112 100
64 58.7 49.3 73.9
63 33.8 25.8 38.8



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion: 99 Resp: 4319
Ion Ratio Lower Upper
99 100
42 28.6 16.6 25.0#
71 72.1 29.0 43.4#

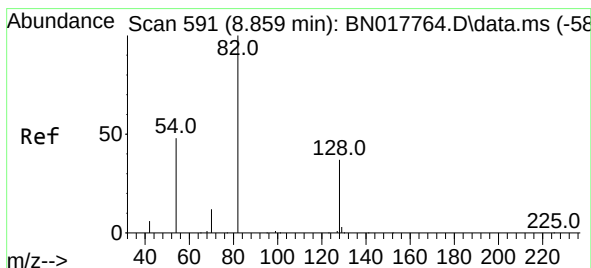
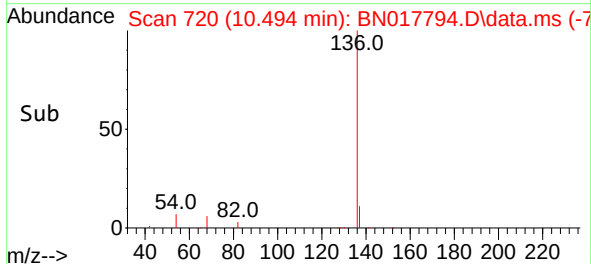
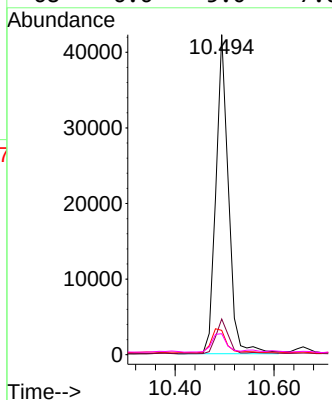
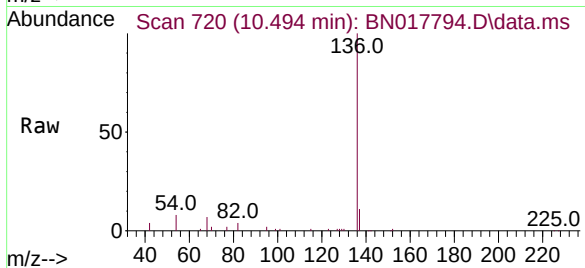




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

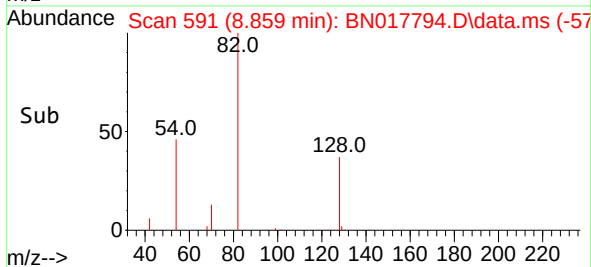
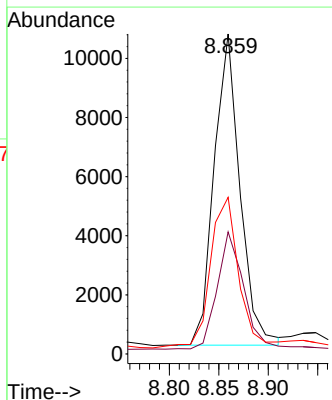
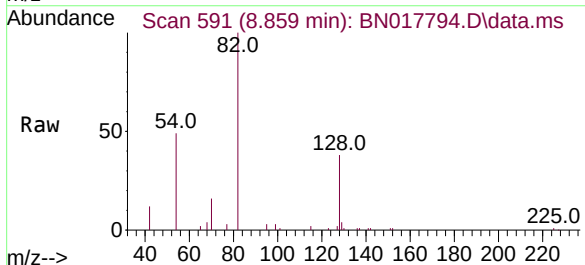
Instrument :
BNA_N
ClientSampleId :
MW-44

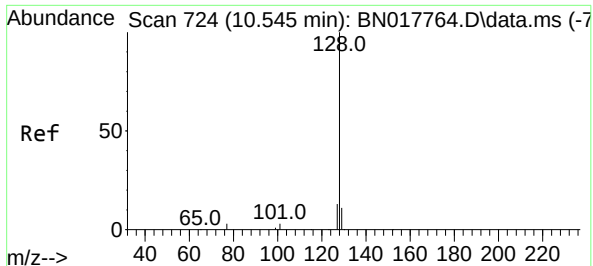
Tgt Ion:136	Resp:	74509
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	7.6	5.9 8.9
68	6.6	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion: 82	Resp:	19107
Ion Ratio	Lower	Upper
82	100	
128	38.2	30.2 45.2
54	49.0	39.0 58.6

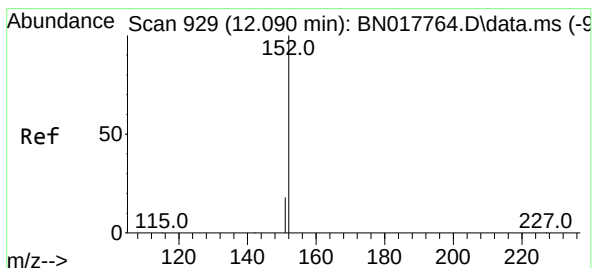
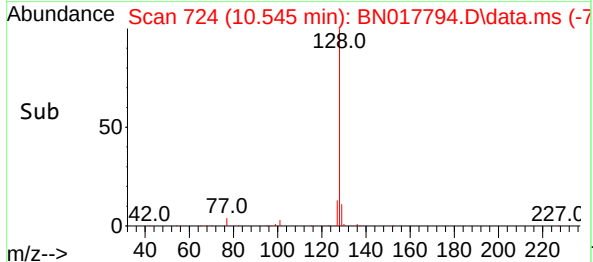
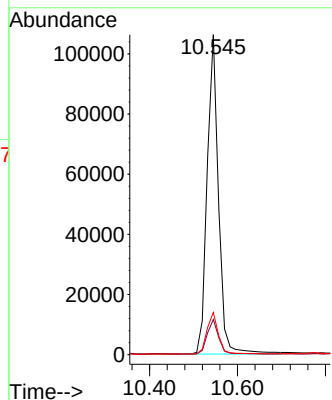
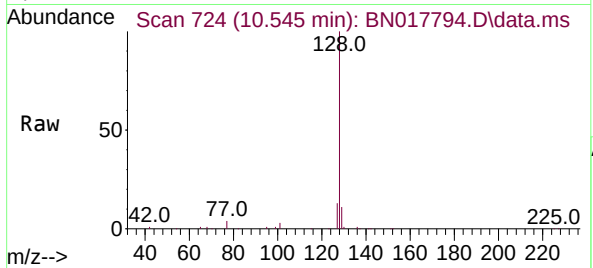




#9
Naphthalene
Concen: 0.974 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

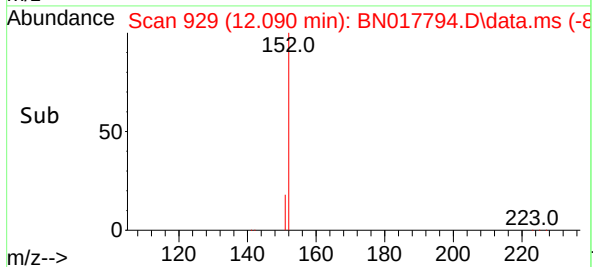
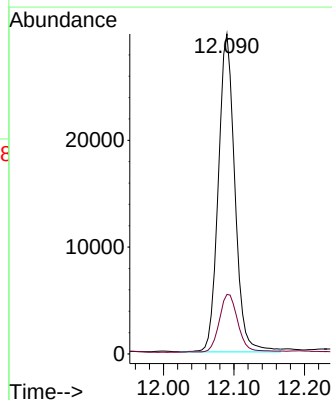
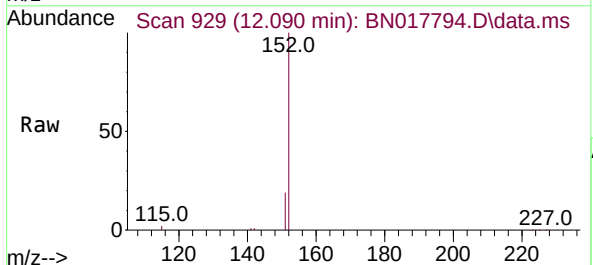
Instrument :
BNA_N
ClientSampleId :
MW-44

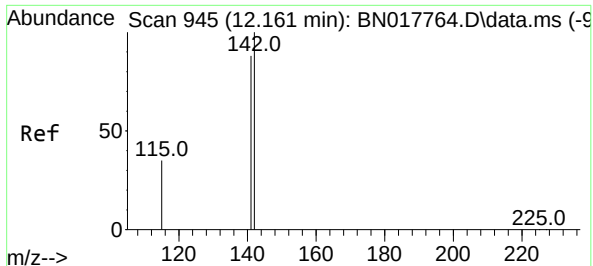
Tgt Ion:128 Resp: 190104
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.090 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:152 Resp: 48478
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.076 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017794.D

Acq: 08 Dec 2021 10:57

Instrument :

BNA_N

ClientSampleId :

MW-44

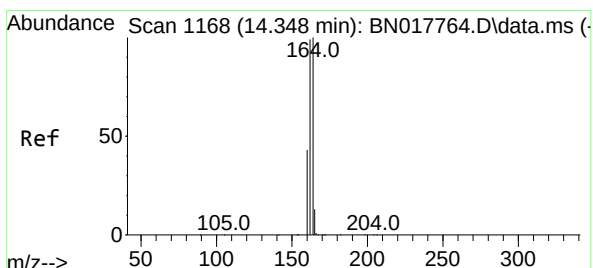
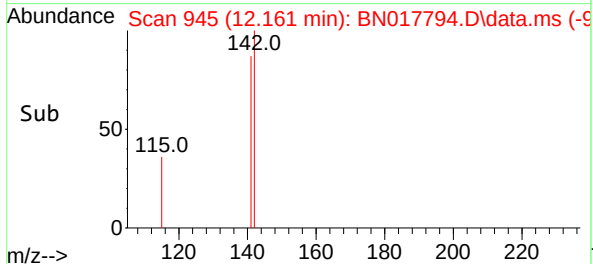
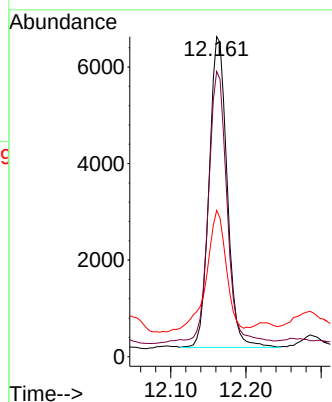
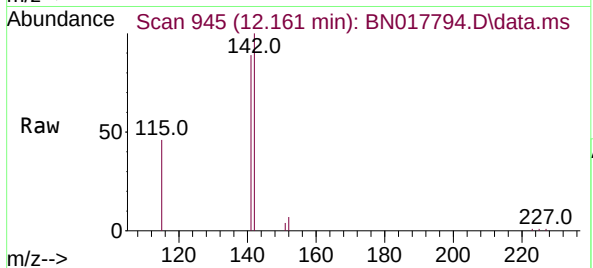
Tgt Ion:142 Resp: 10666

Ion Ratio Lower Upper

142 100

141 89.1 70.5 105.7

115 45.7 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: BN017794.D

Acq: 08 Dec 2021 10:57

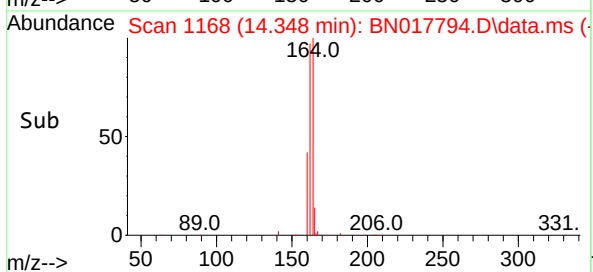
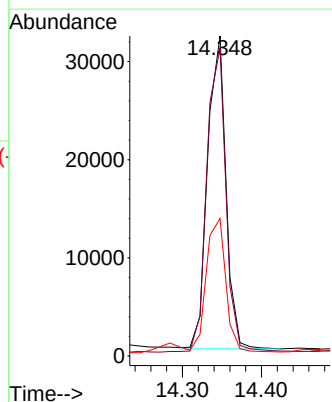
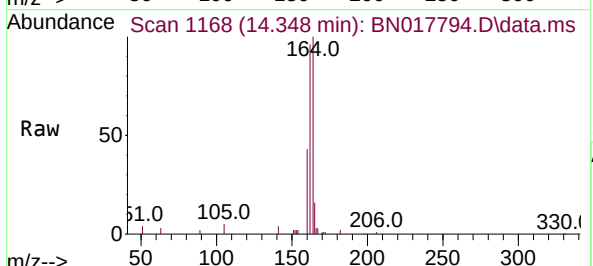
Tgt Ion:164 Resp: 51734

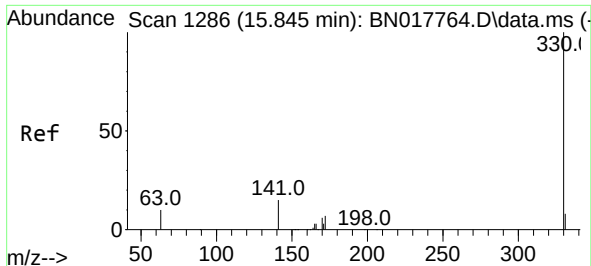
Ion Ratio Lower Upper

164 100

162 96.3 79.0 118.6

160 43.0 34.6 52.0

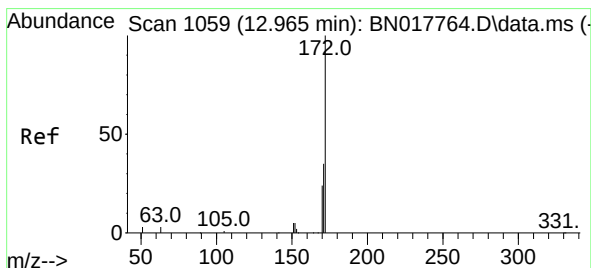
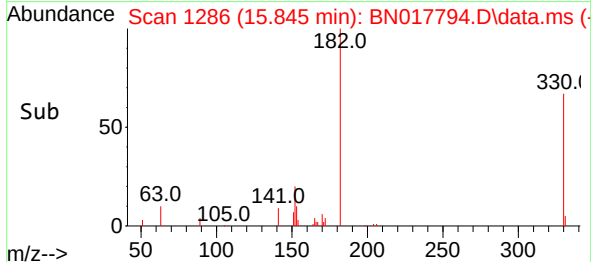
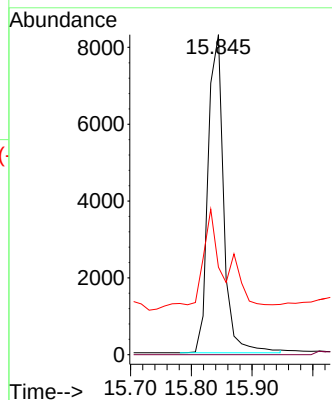
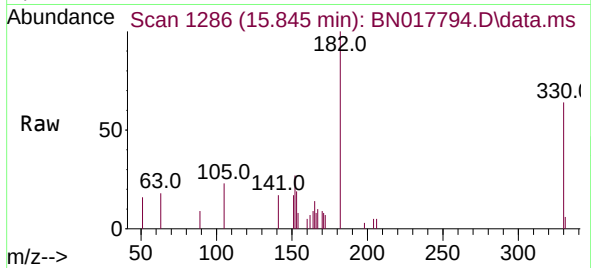




#14
 2,4,6-Tribromophenol
 Concen: 0.546 ng
 RT: 15.845 min Scan# 1286
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

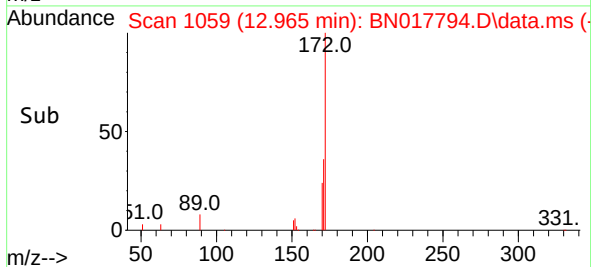
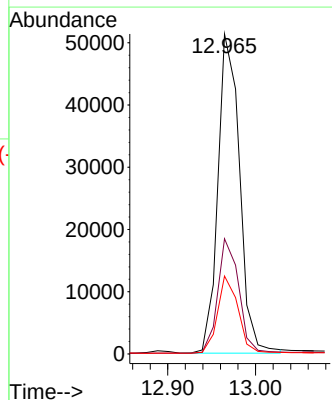
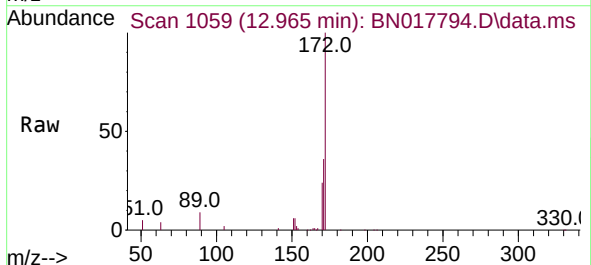
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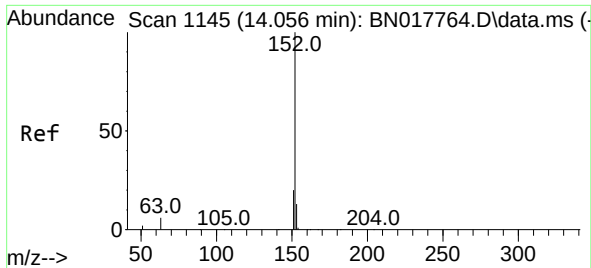
Tgt Ion: 330 Resp: 14779
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.8 21.5 32.3#



#15
 2-Fluorobiphenyl
 Concen: 0.465 ng
 RT: 12.965 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

Tgt Ion: 172 Resp: 88086
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.1 42.1
 170 24.4 18.9 28.3

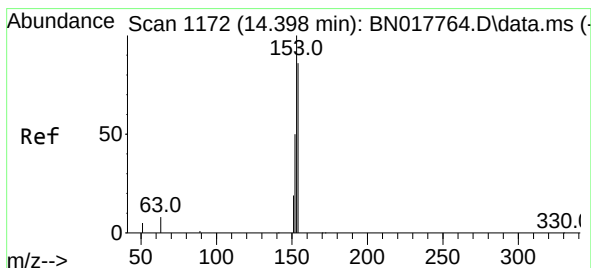
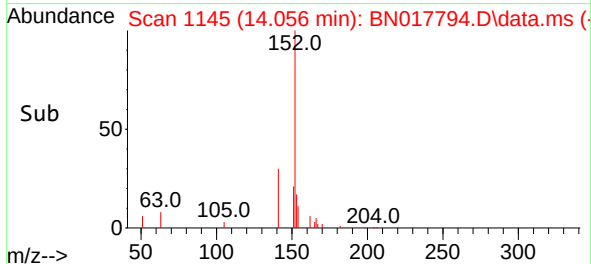
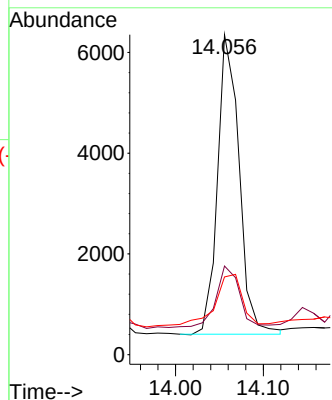
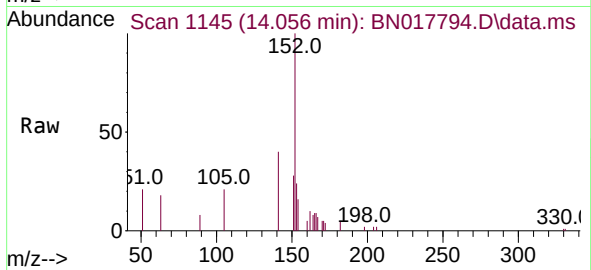




#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.056 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

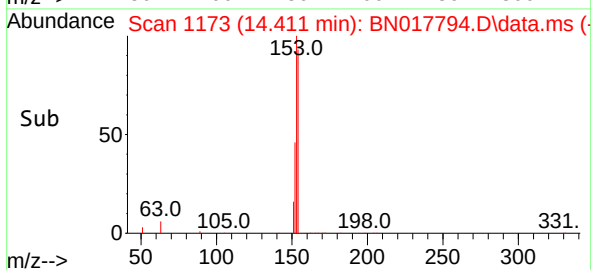
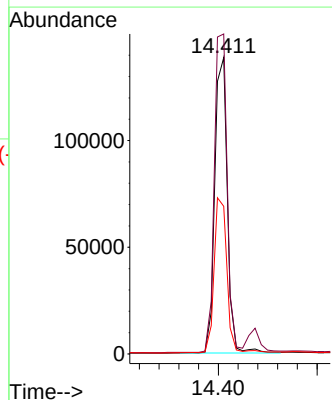
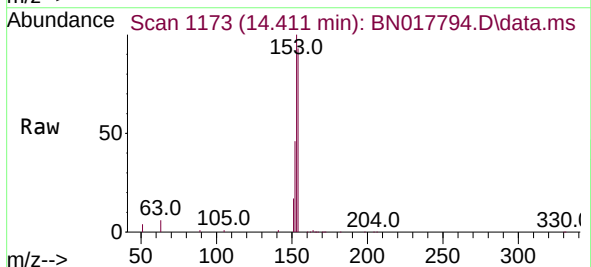
Instrument :
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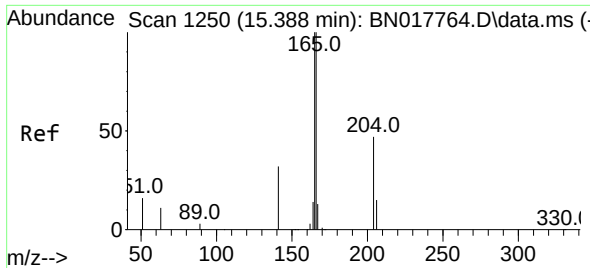
Tgt Ion:152 Resp: 10162
Ion Ratio Lower Upper
152 100
151 22.4 15.7 23.5
153 23.8 10.4 15.6#



#17
Acenaphthene
Concen: 1.803 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:154 Resp: 244161
Ion Ratio Lower Upper
154 100
153 110.1 90.1 135.1
152 53.3 43.7 65.5

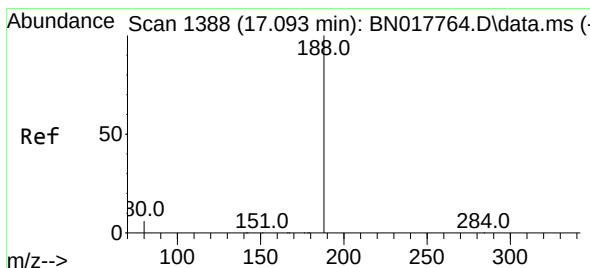
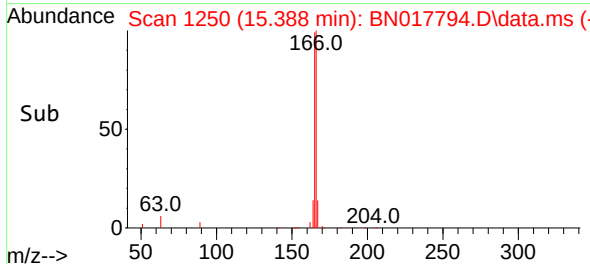
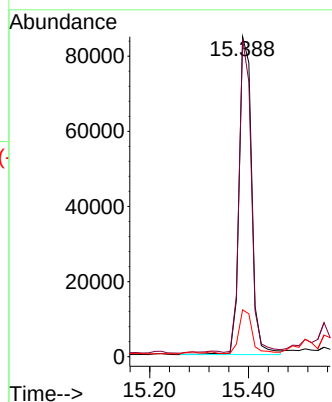
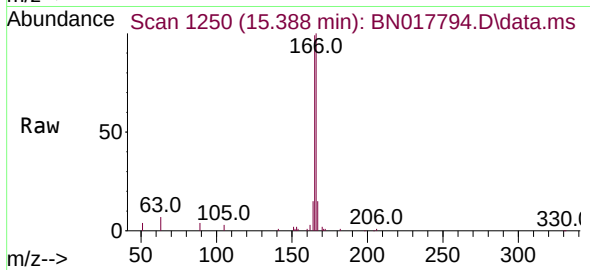




#18
Fluorene
Concen: 0.869 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

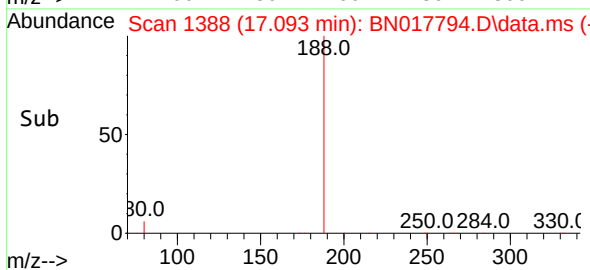
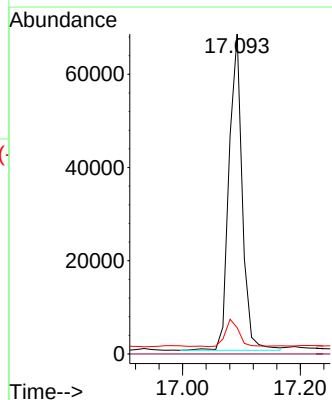
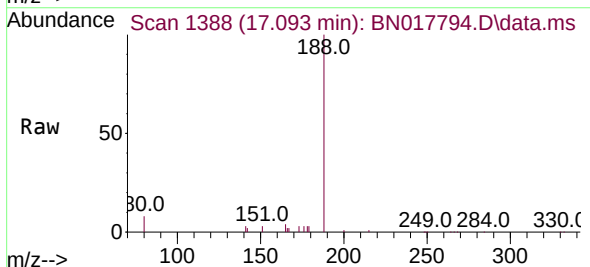
Instrument :
BNA_N
ClientSampleId :
MW-44

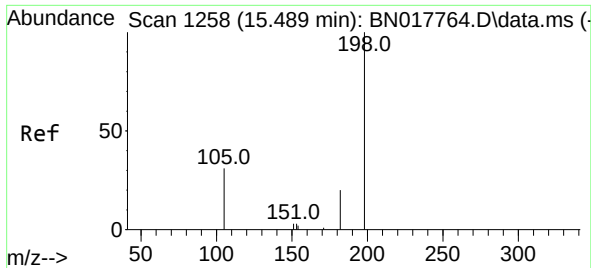
Tgt Ion:166 Resp: 150232
Ion Ratio Lower Upper
166 100
165 94.8 77.8 116.8
167 14.4 11.0 16.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:188 Resp: 106174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 5.1 7.7#

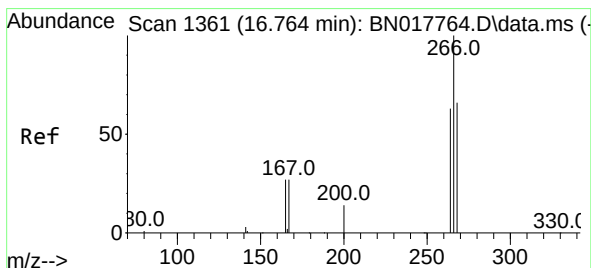
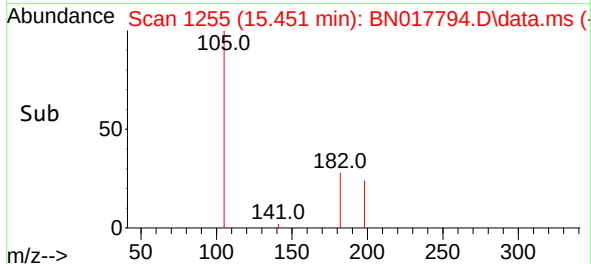
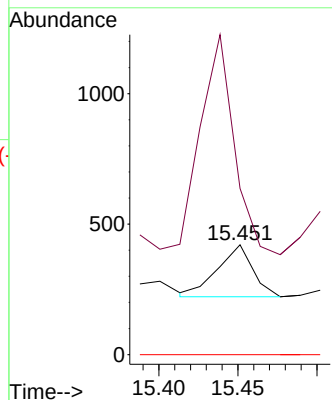
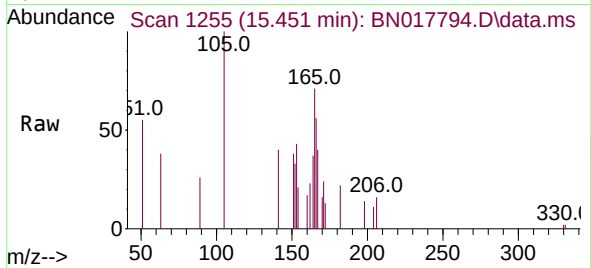




#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.451 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

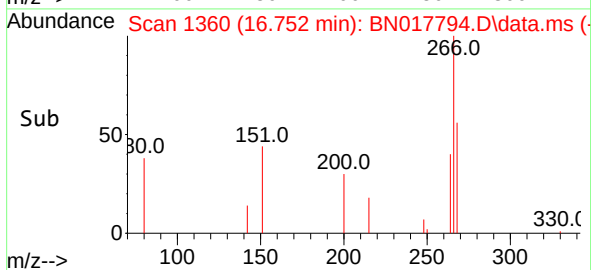
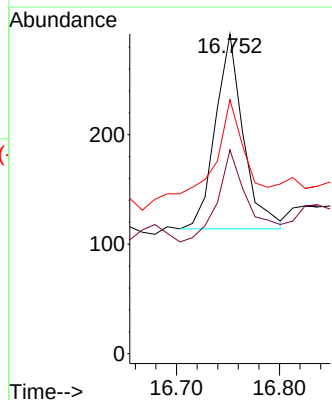
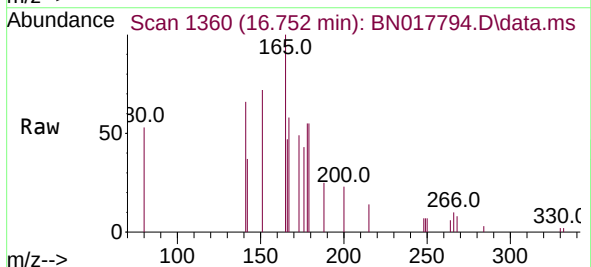
Instrument :
BNA_N
ClientSampleId :
MW-44

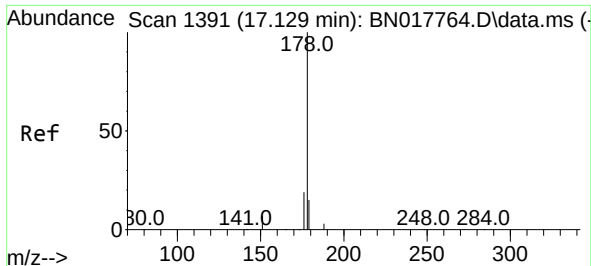
Tgt Ion:198 Resp: 308
Ion Ratio Lower Upper
198 100
182 151.3 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.291 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:266 Resp: 334
Ion Ratio Lower Upper
266 100
264 53.9 50.8 76.2
268 42.5 51.8 77.6#

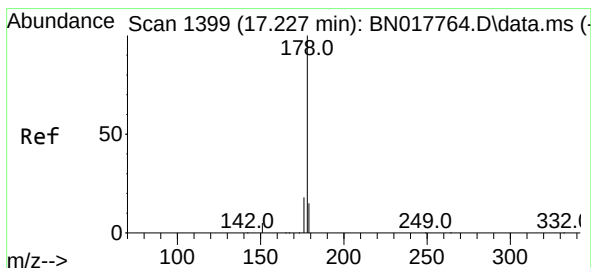
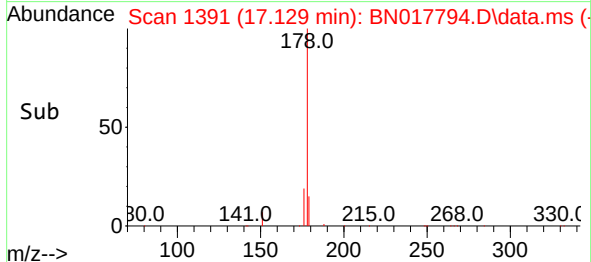
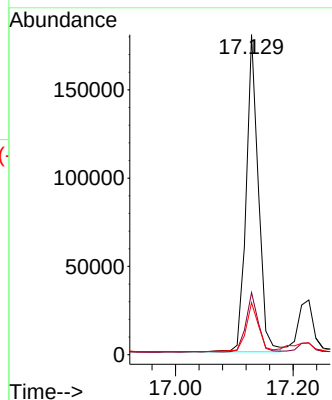
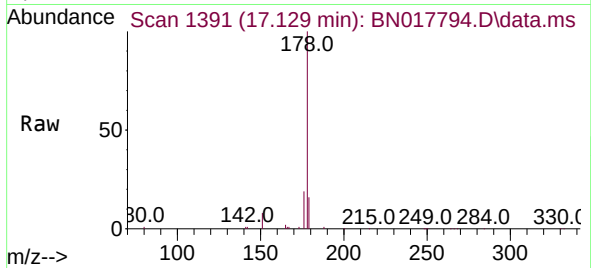




#25
Phenanthrene
Concen: 0.921 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

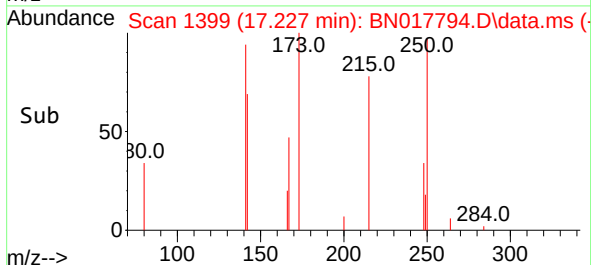
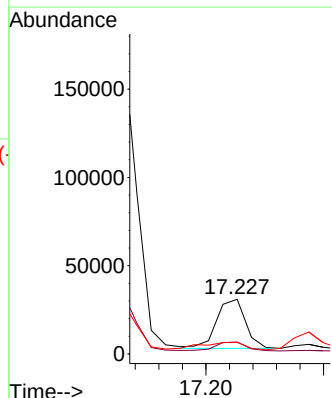
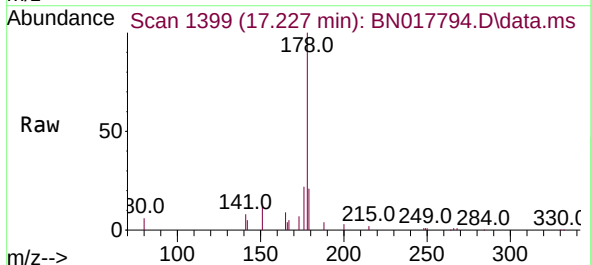
Instrument :
BNA_N
ClientSampleId :
MW-44

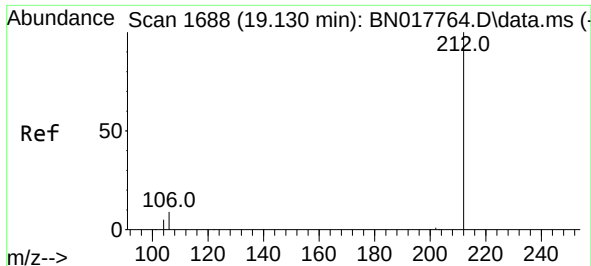
Tgt Ion:178 Resp: 256853
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.2 12.5 18.7



#26
Anthracene
Concen: 0.194 ng
RT: 17.227 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:178 Resp: 47578
Ion Ratio Lower Upper
178 100
176 19.0 14.5 21.7
179 23.8 12.2 18.4#

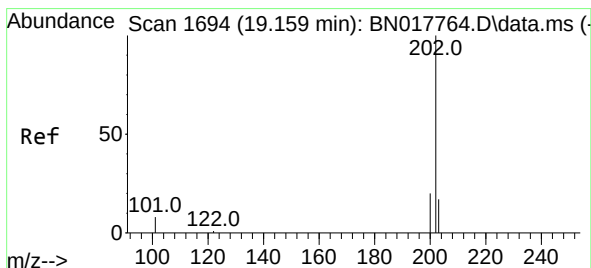
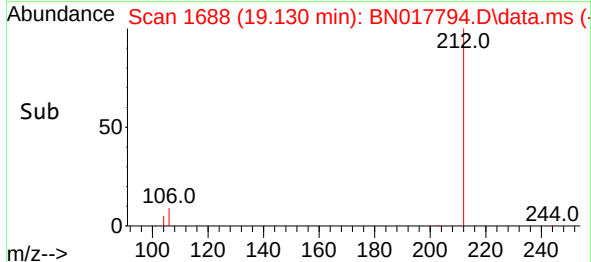
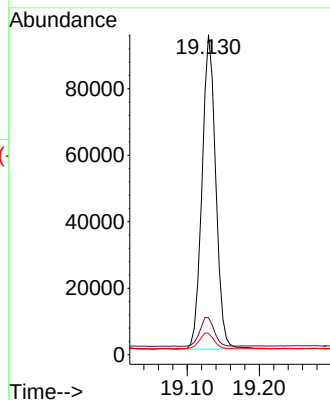
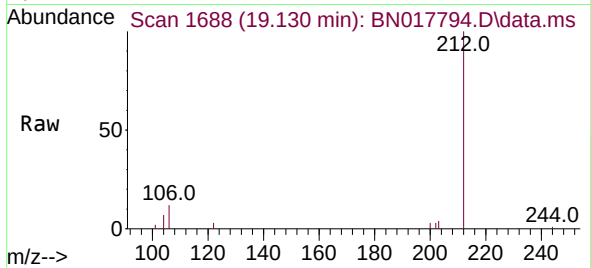




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

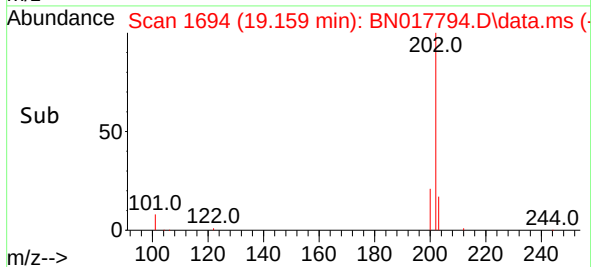
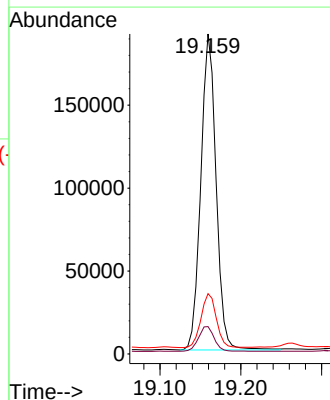
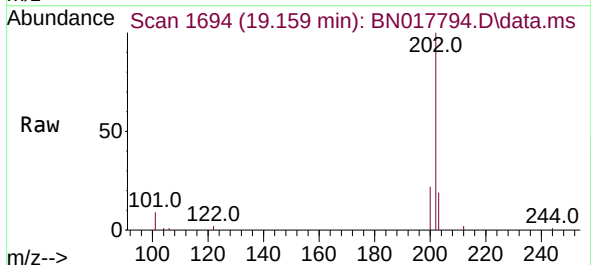
Instrument :
BNA_N
ClientSampleId :
MW-44

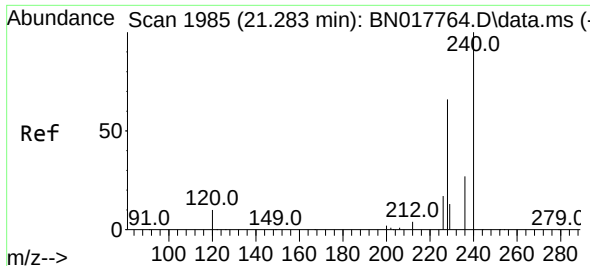
Tgt Ion:212 Resp: 125443
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.5 4.6 6.8



#28
Fluoranthene
Concen: 0.737 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:202 Resp: 250160
Ion Ratio Lower Upper
202 100
101 8.0 7.2 10.8
203 17.2 13.7 20.5

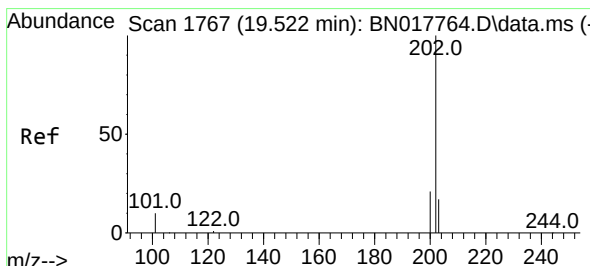
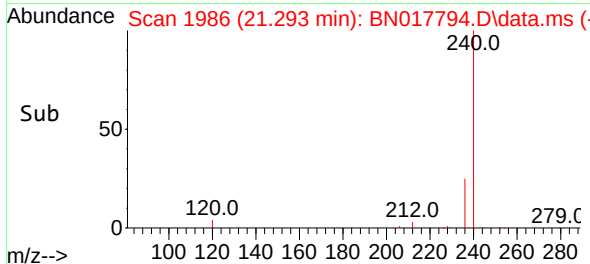
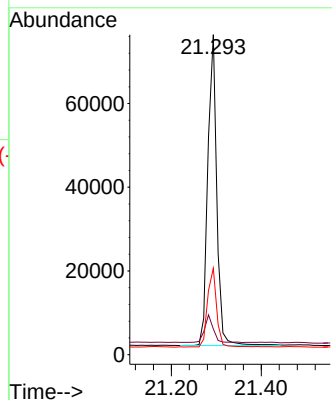
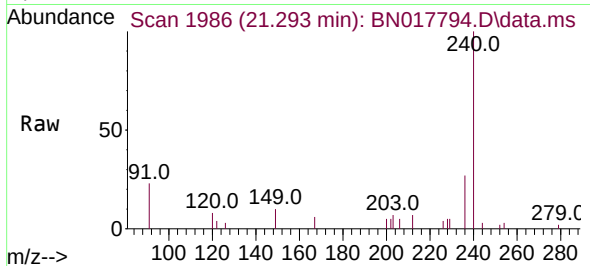




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

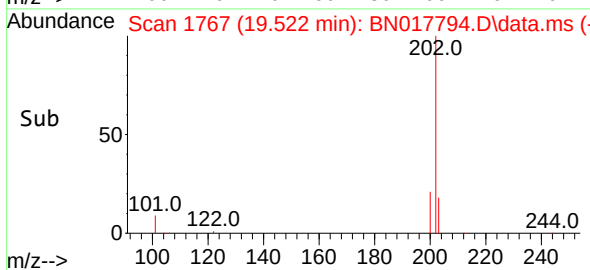
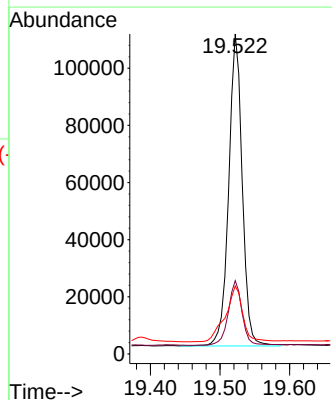
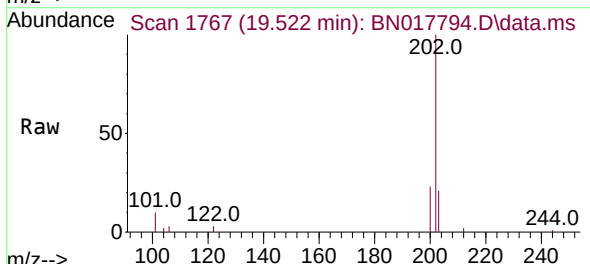
Instrument :
BNA_N
ClientSampleId :
MW-44

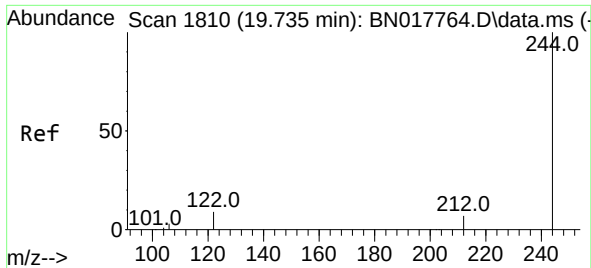
Tgt Ion:240 Resp: 102415
Ion Ratio Lower Upper
240 100
120 8.0 7.9 11.9
236 27.0 21.4 32.2



#30
Pyrene
Concen: 0.453 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:202 Resp: 147192
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 23.0 14.0 21.0#

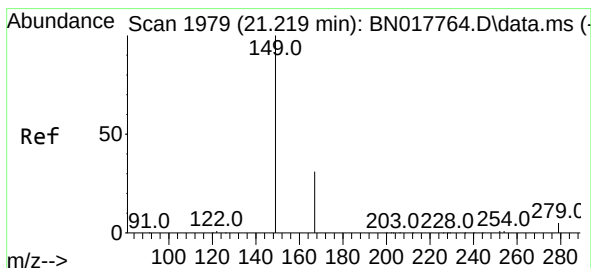
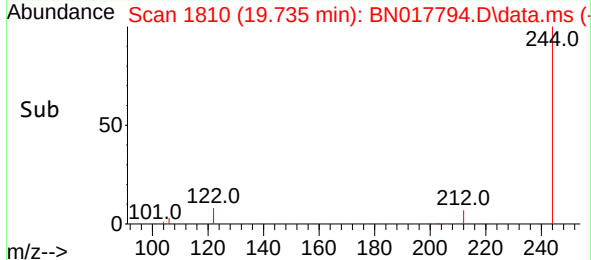
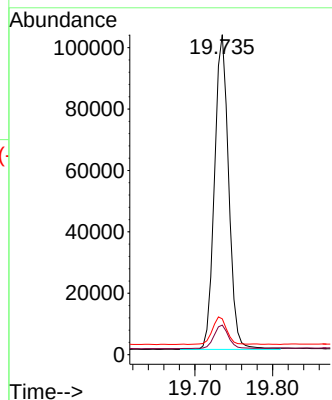
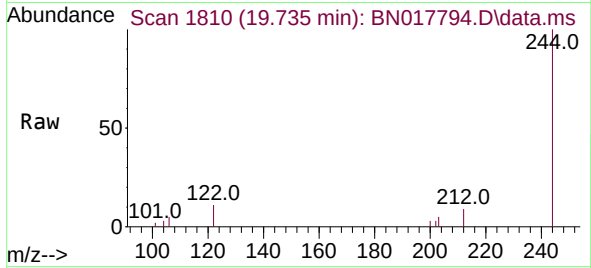




#31
 Terphenyl-d14
 Concen: 0.589 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

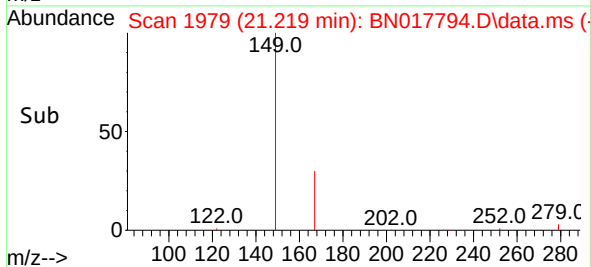
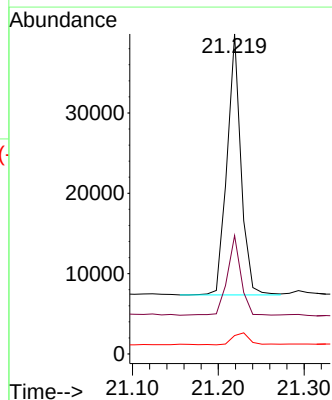
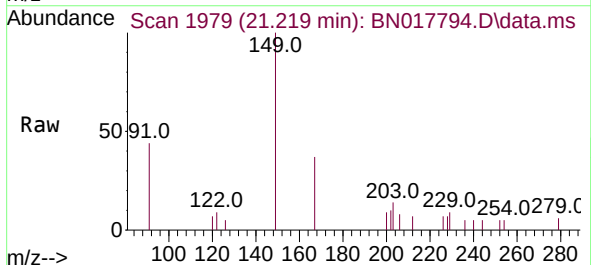
Instrument :
 BNA_N
 ClientSampleId :
 MW-44

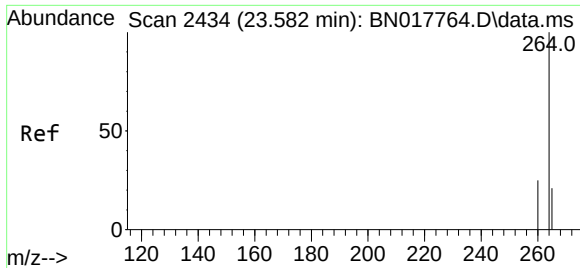
Tgt Ion:244 Resp: 129645
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 11.2 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.257 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

Tgt Ion:149 Resp: 36694
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.5 35.3
 279 5.7 3.8 5.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 24

Delta R.T. 0.007 min

Lab File: BN017794.D

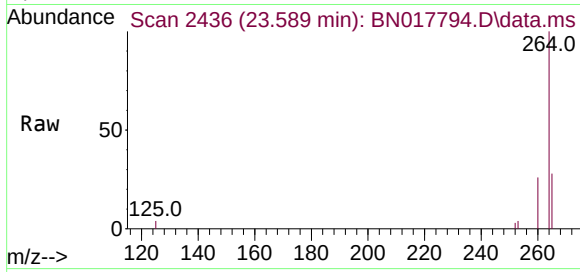
Acq: 08 Dec 2021 10:57

Instrument :

BNA_N

ClientSampleId :

MW-44



Tgt Ion:264 Resp: 98569

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 28.1 20.5 30.7

