

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017716.D
 Acq On : 04 Dec 2021 07:42
 Operator : CG/JU
 Sample : M4917-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-28

Quant Time: Dec 06 02:13:39 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)

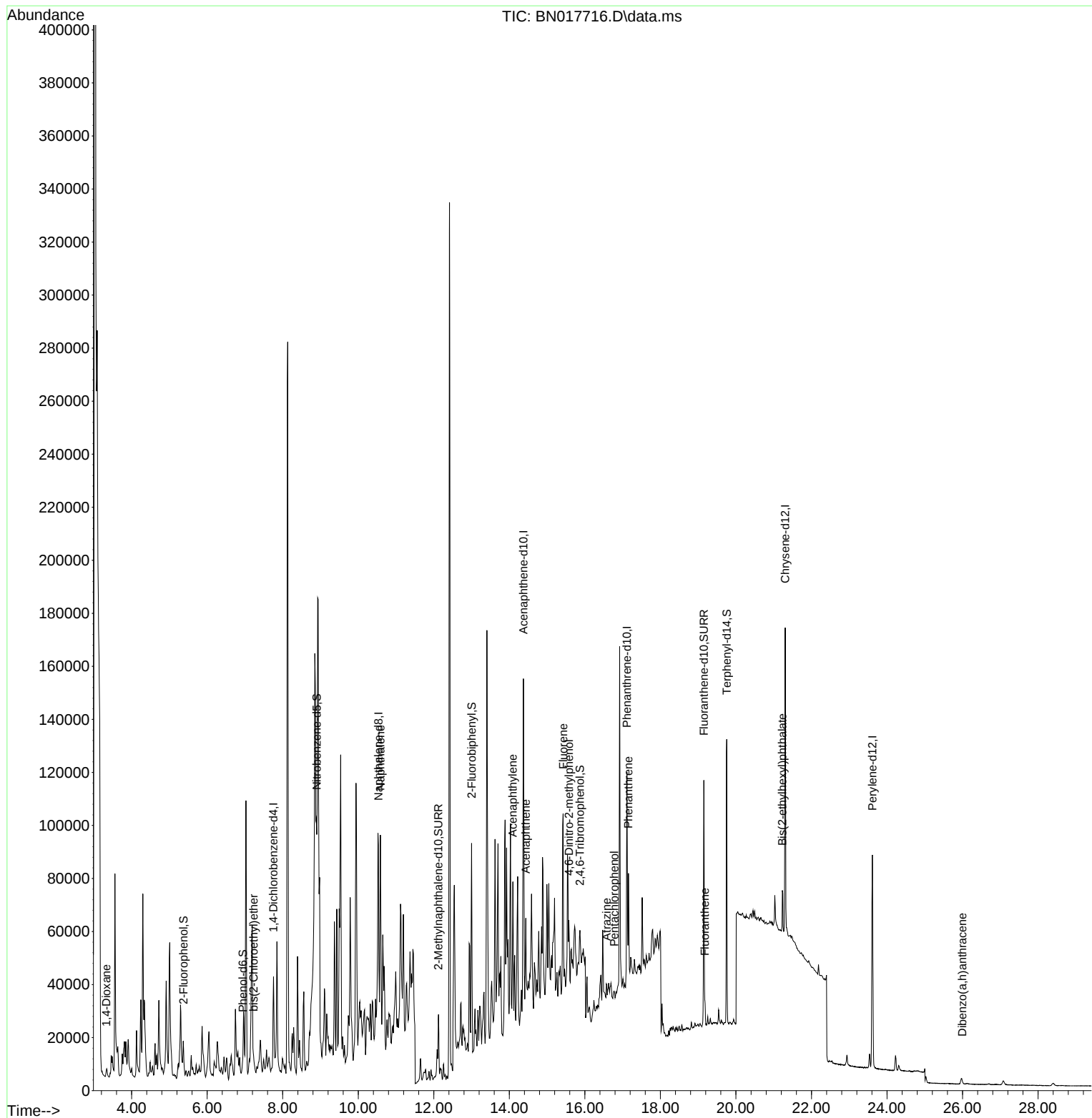
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	17878	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	72093	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	70398	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	101532	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	108489	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	108298	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	7878	0.187	ng	0.02
5) Phenol-d6	6.943	99	3574	0.083	ng	0.02
8) Nitrobenzene-d5	8.900	82	89911	2.578	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	34792	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	13019	0.425	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	60405	0.225	ng	0.00
27) Fluoranthene-d10	19.149	212	107541	0.325	ng	0.00
31) Terphenyl-d14	19.755	244	111973	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	567	0.043	ng	# 1
6) bis(2-Chloroethyl)ether	7.229	93	1601	0.035	ng	# 28
9) Naphthalene	10.586	128	68571	0.373	ng	# 84
16) Acenaphthylene	14.093	152	7352	0.027	ng	# 1
17) Acenaphthene	14.435	154	20990	0.114	ng	97
18) Fluorene	15.425	166	39104	0.171	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.577	198	1660	0.525	ng	# 1
23) Atrazine	16.581	200	847	0.114	ng	# 1
24) Pentachlorophenol	16.776	266	575	0.300	ng	89
25) Phenanthrene	17.153	178	44782	0.166	ng	# 90
28) Fluoranthene	19.179	202	7906	0.025	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.229	149	15823	0.153	ng	# 90
40) Dibenzo(a,h)anthracene	25.995	278	582	0.085	ng	# 1

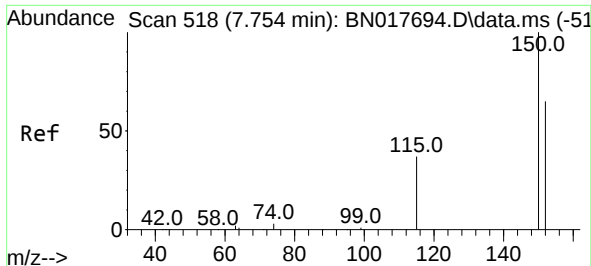
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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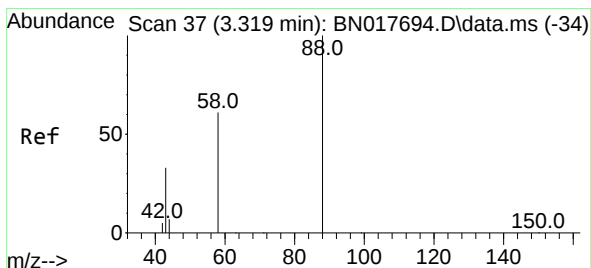
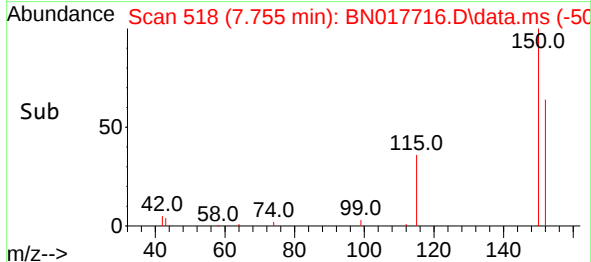
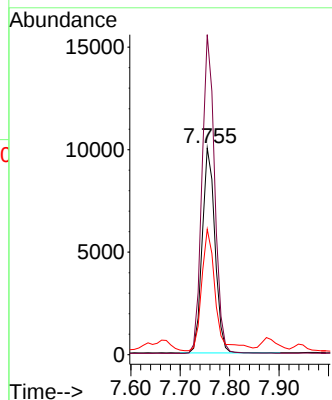
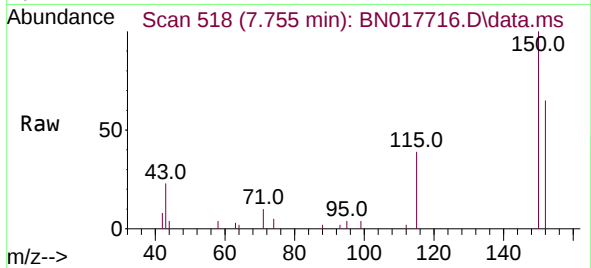




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.755 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

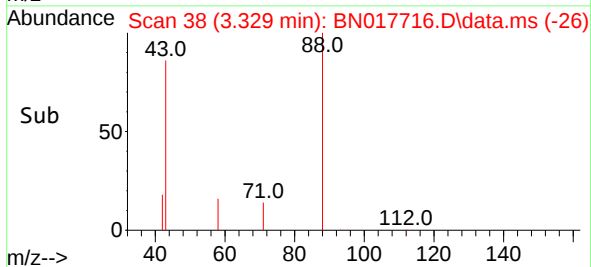
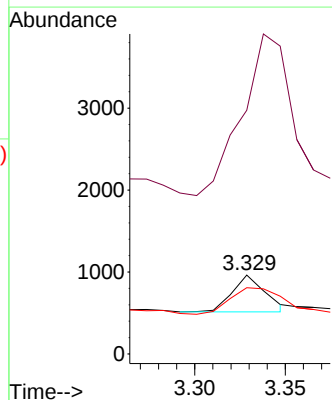
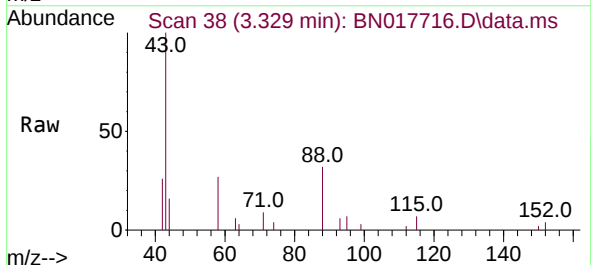
Instrument :
 BNA_N
 ClientSampleId :
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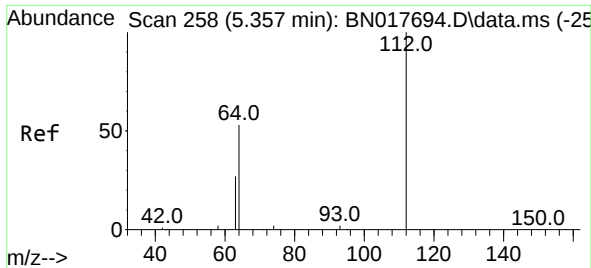
Tgt Ion:152 Resp: 17878
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.4
 115 60.7 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.043 ng
 RT: 3.329 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

Tgt Ion: 88 Resp: 567
 Ion Ratio Lower Upper
 88 100
 43 561.0 24.7 37.1#
 58 105.6 63.0 94.6#

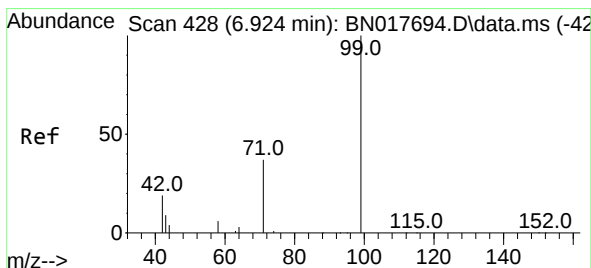
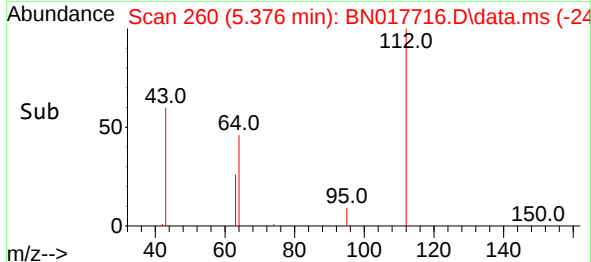
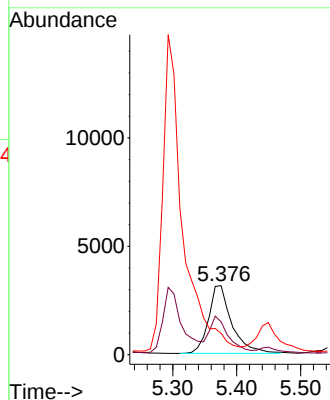
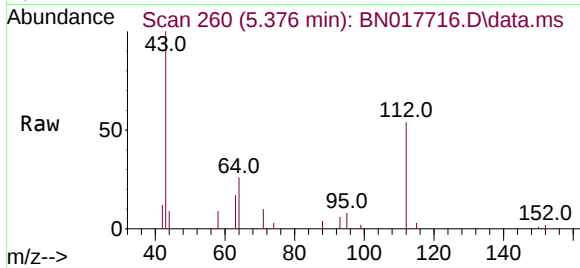




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.376 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

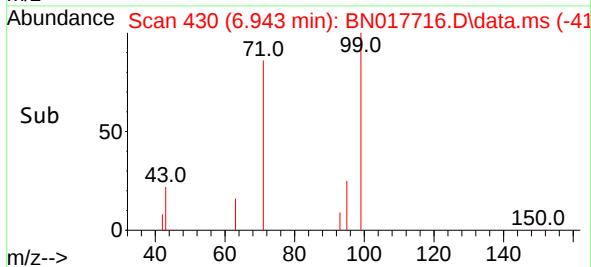
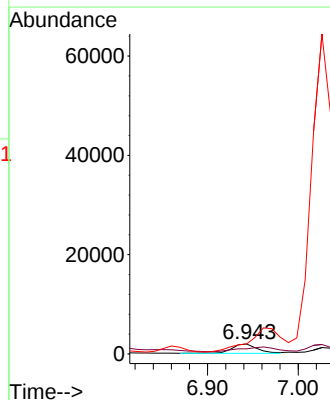
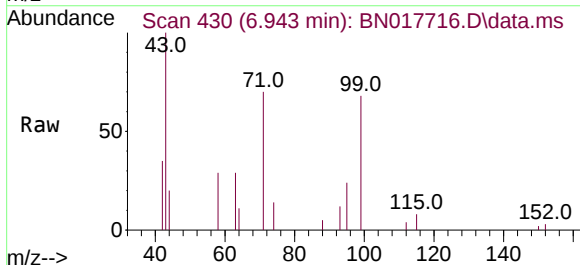
Instrument :
BNA_N
ClientSampleId :
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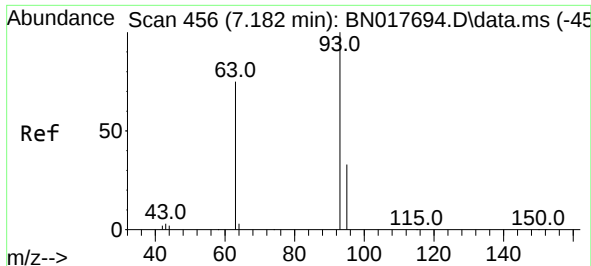
Tgt Ion:112 Resp: 7878
Ion Ratio Lower Upper
112 100
64 36.3 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion: 99 Resp: 3574
Ion Ratio Lower Upper
99 100
42 72.7 17.0 25.6#
71 341.2 24.8 37.2#

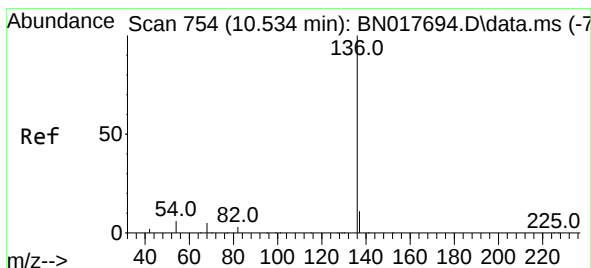
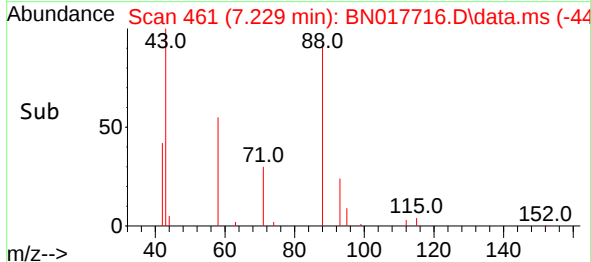
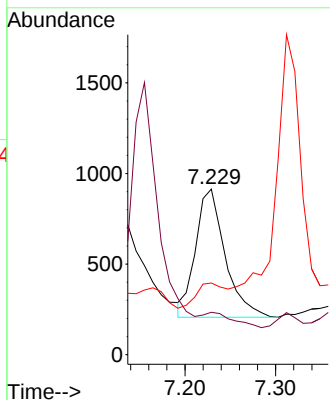
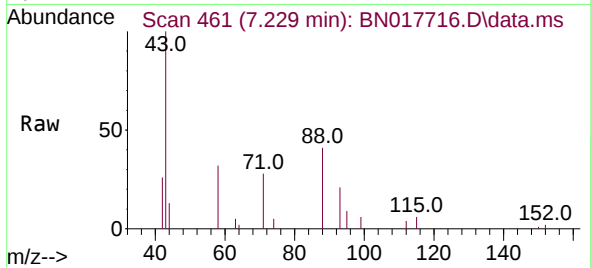




#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.229 min Scan# 4
Delta R.T. 0.047 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

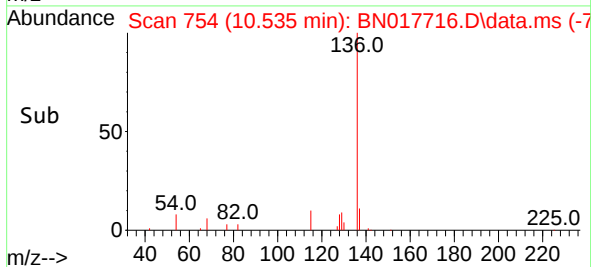
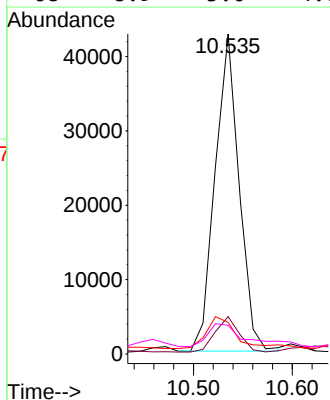
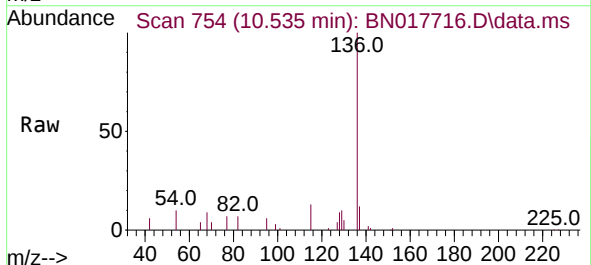
Instrument :
BNA_N
ClientSampleId :
MW-28

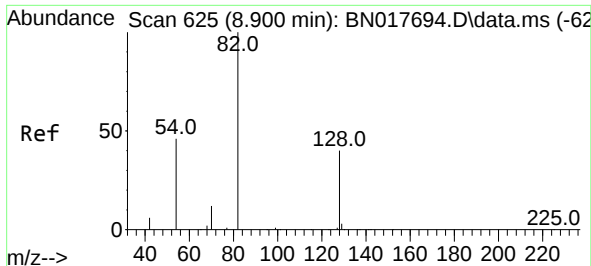
Tgt Ion: 93 Resp: 1601
Ion Ratio Lower Upper
93 100
63 0.0 65.8 98.6#
95 19.9 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:136 Resp: 72093
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.9 4.0 6.0#
68 8.9 3.0 4.6#

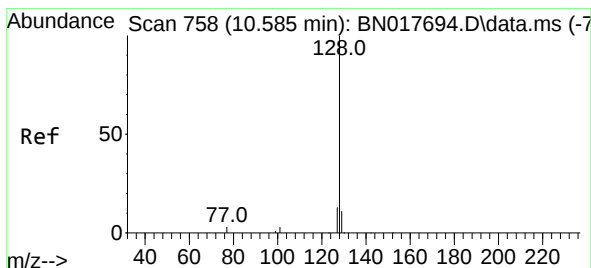
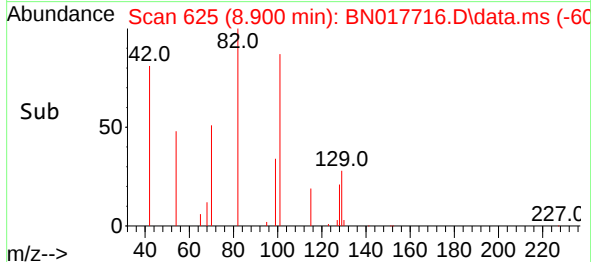
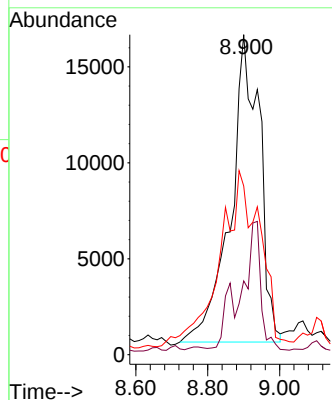
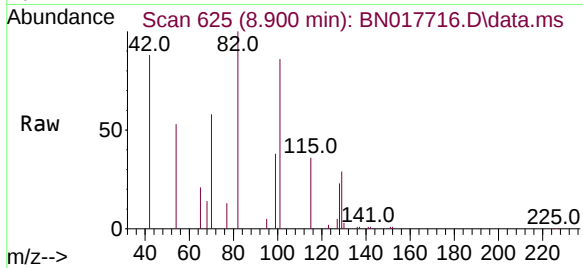




#8
Nitrobenzene-d5
Concen: 2.578 ng
RT: 8.900 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

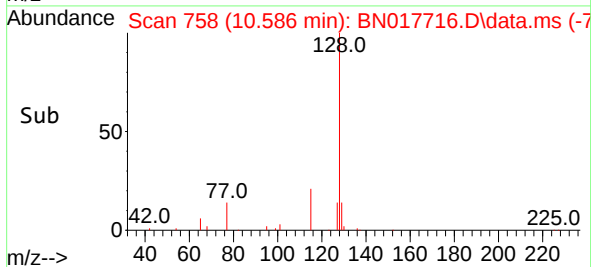
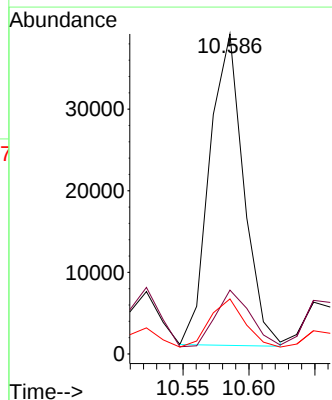
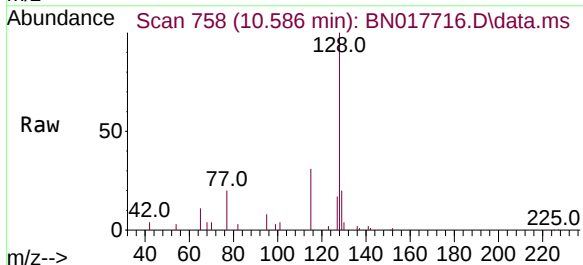
Instrument :
BNA_N
ClientSampleId :
MW-28

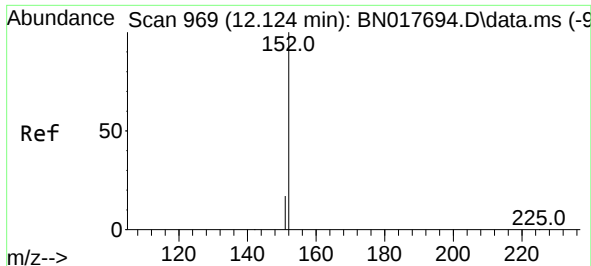
Tgt Ion: 82 Resp: 89911
Ion Ratio Lower Upper
82 100
128 23.1 27.7 41.5#
54 52.7 49.2 73.8



#9
Naphthalene
Concen: 0.373 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion: 128 Resp: 68571
Ion Ratio Lower Upper
128 100
129 19.9 8.8 13.2#
127 17.2 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 12.124 min Scan# 969

Delta R.T. 0.001 min

Lab File: BN017716.D

Acq: 04 Dec 2021 07:42

Instrument :

BNA_N

ClientSampleId :

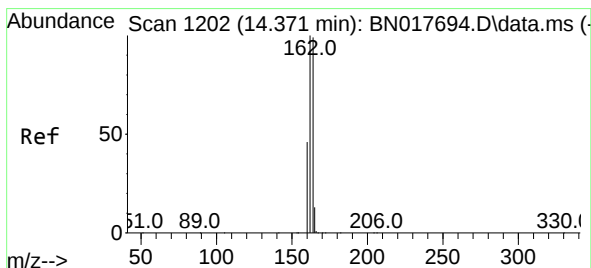
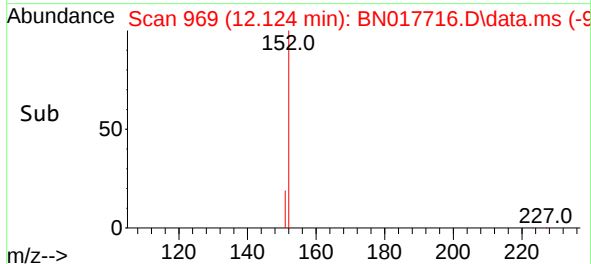
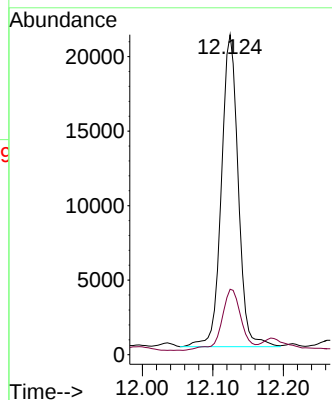
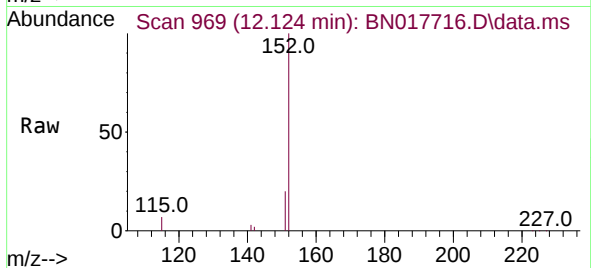
MW-28

Tgt Ion:152 Resp: 34792

Ion Ratio Lower Upper

152 100

151 22.5 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.001 min

Lab File: BN017716.D

Acq: 04 Dec 2021 07:42

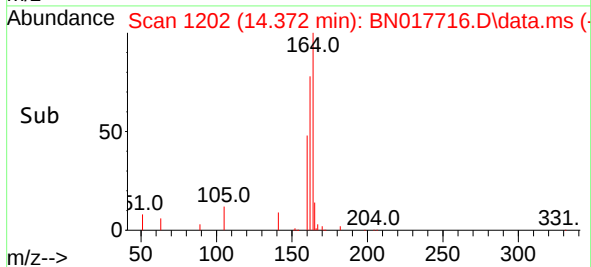
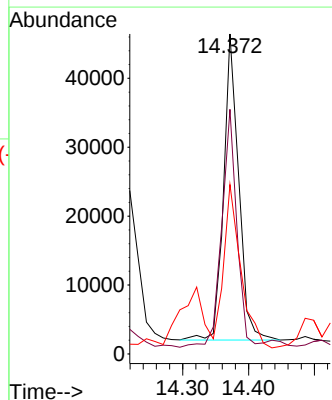
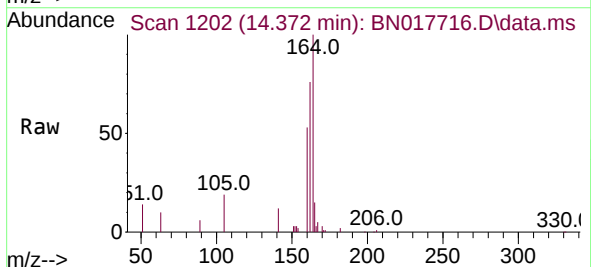
Tgt Ion:164 Resp: 70398

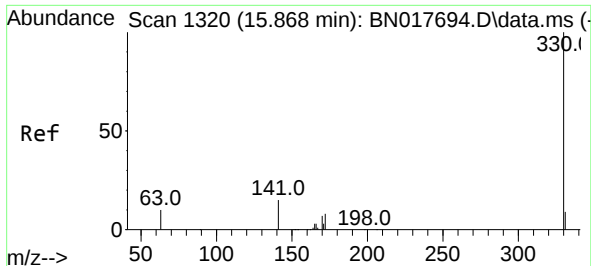
Ion Ratio Lower Upper

164 100

162 76.5 81.4 122.2#

160 52.9 36.8 55.2

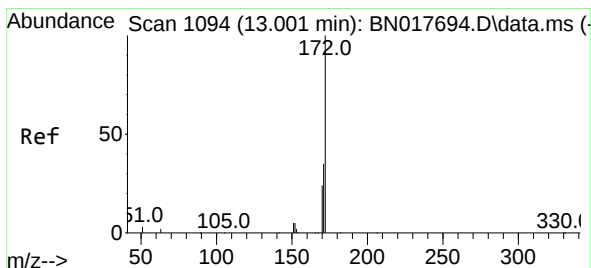
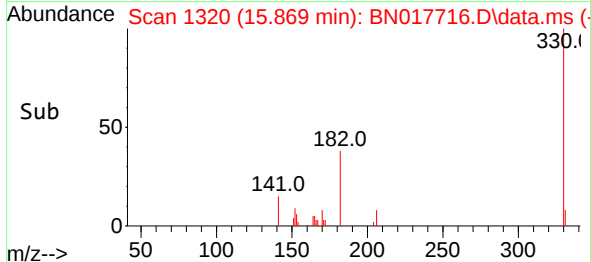
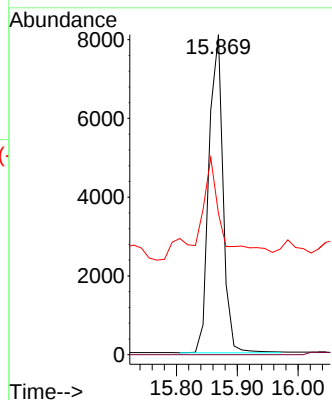
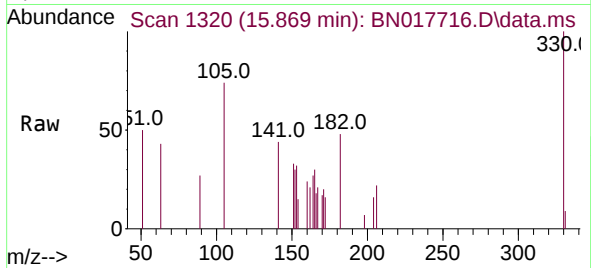




#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

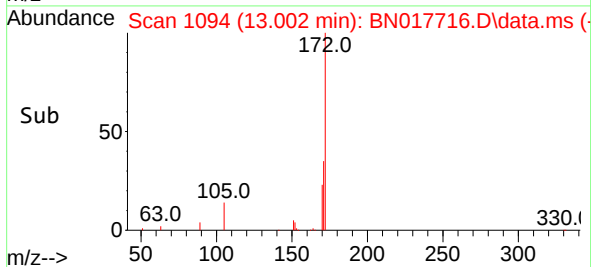
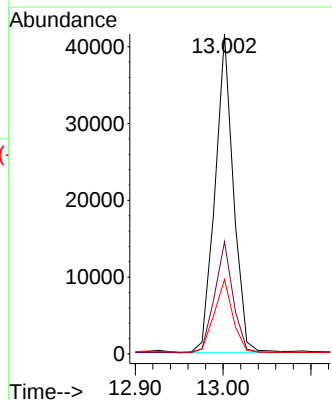
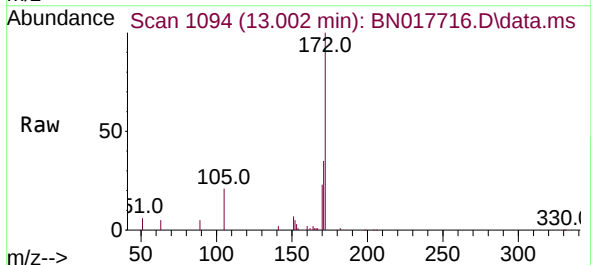
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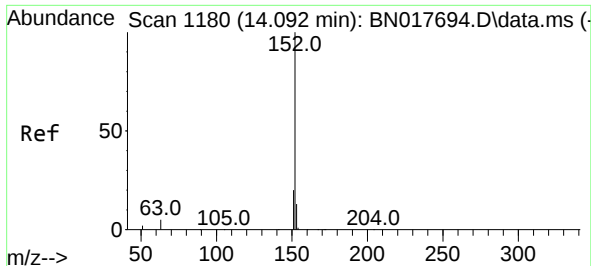
Tgt Ion:330 Resp: 13019
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 13.002 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:172 Resp: 60405
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.3 19.4 29.2

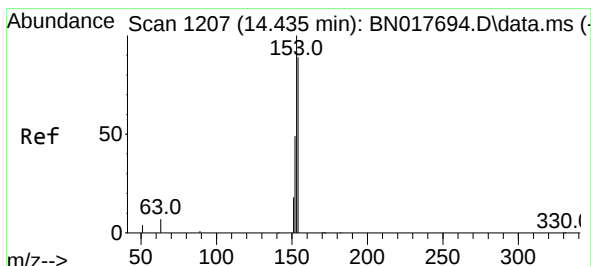
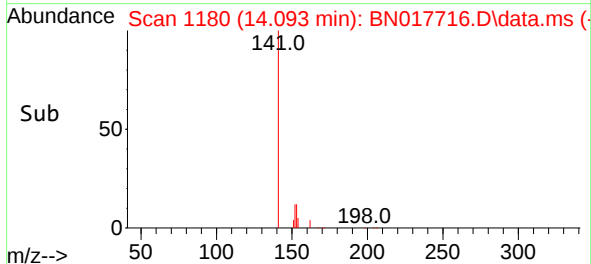
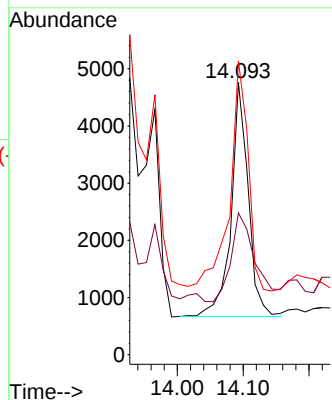
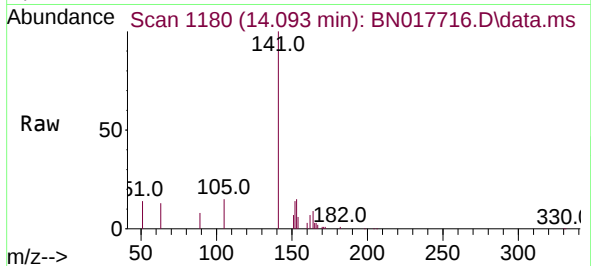




#16
Acenaphthylene
Concen: 0.027 ng
RT: 14.093 min Scan# 1180
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

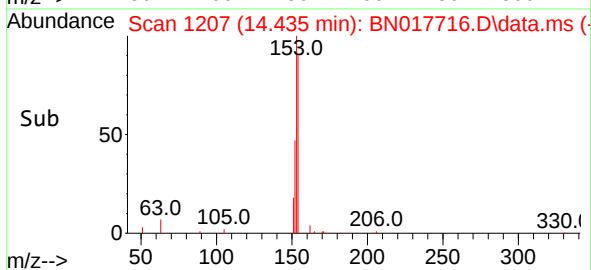
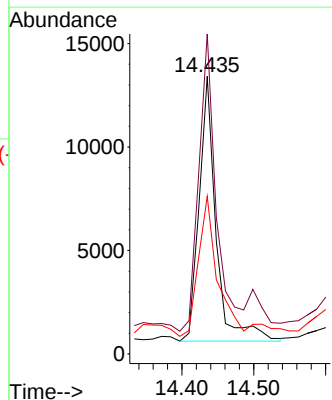
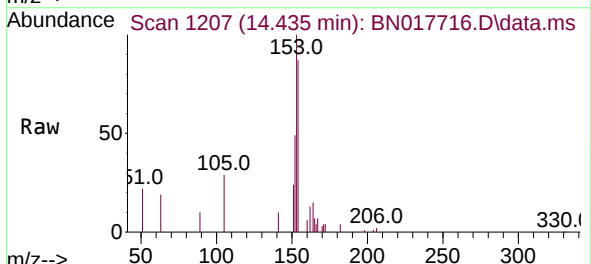
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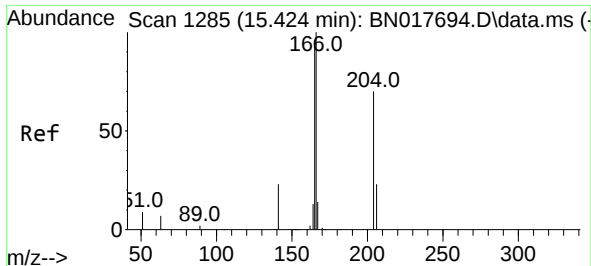
Tgt Ion:152 Resp: 7352
Ion Ratio Lower Upper
152 100
151 54.0 15.5 23.3#
153 107.0 10.4 15.6#



#17
Acenaphthene
Concen: 0.114 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:154 Resp: 20990
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 61.6 44.3 66.5

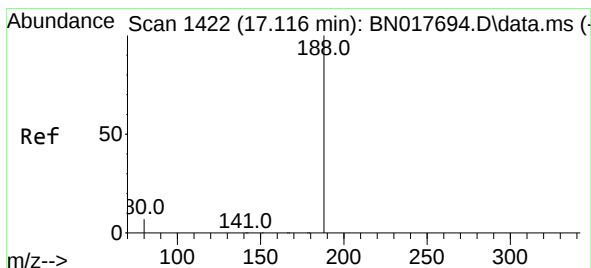
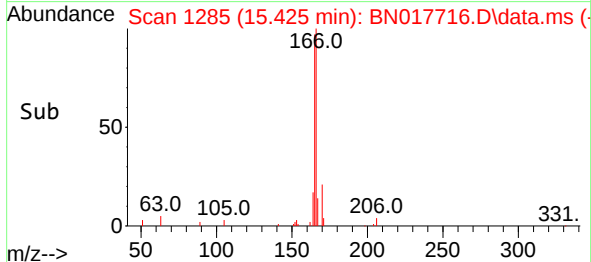
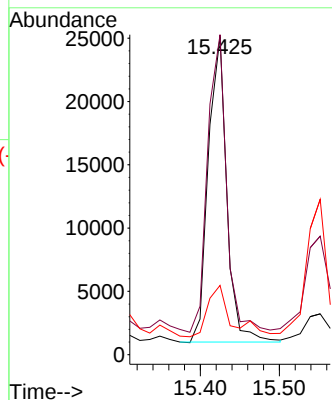
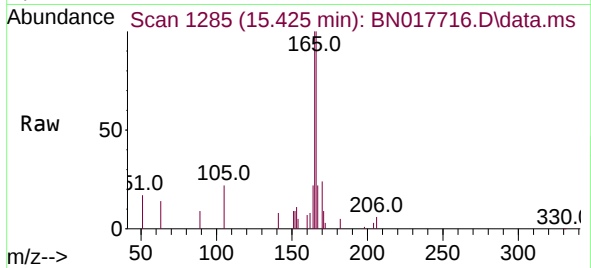




#18
 Fluorene
 Concen: 0.171 ng
 RT: 15.425 min Scan# 1285
 Delta R.T. 0.001 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

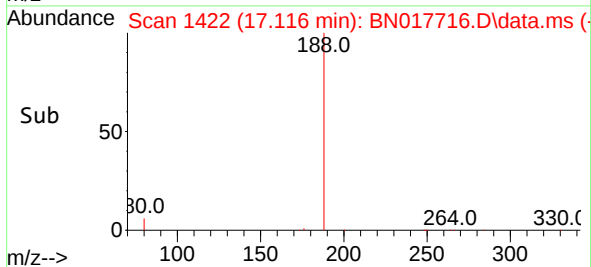
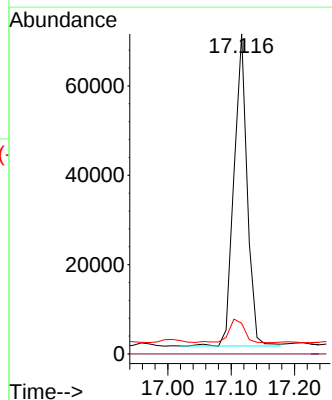
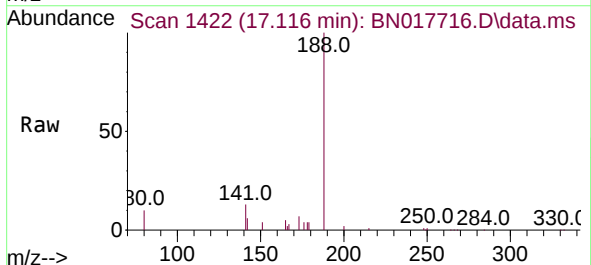
Instrument :
 BNA_N
 ClientSampleId :
 MW-28

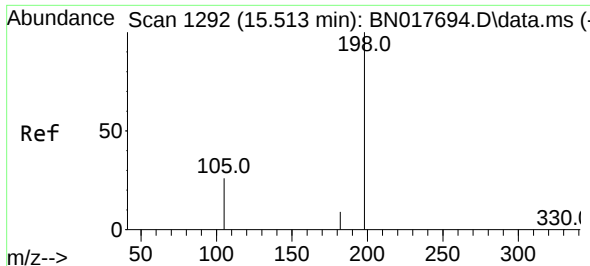
Tgt Ion:166 Resp: 39104
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.9 116.9
 167 21.5 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.116 min Scan# 1422
 Delta R.T. 0.001 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

Tgt Ion:188 Resp: 101532
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.6 6.1 9.1#

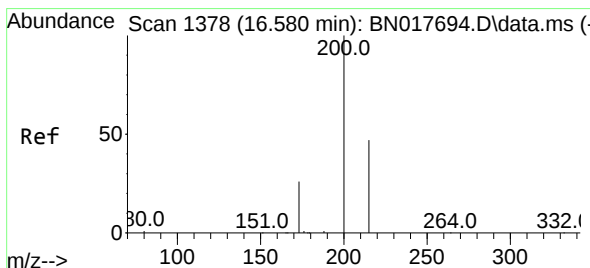
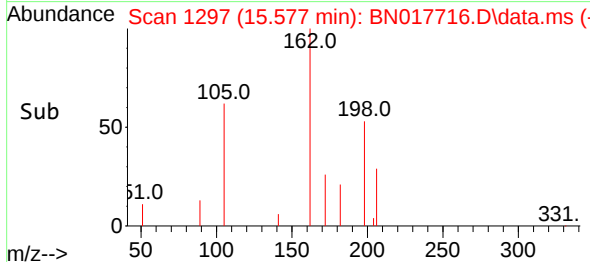
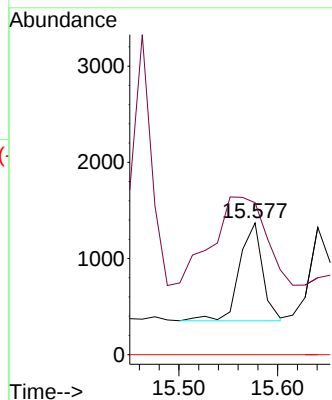
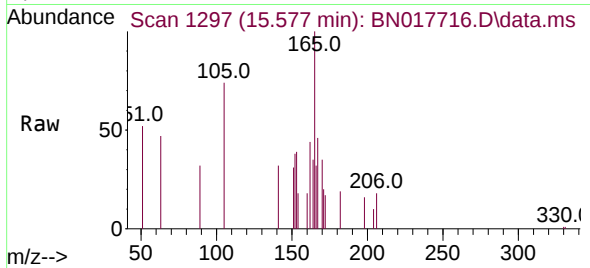




#20
4,6-Dinitro-2-methylphenol
Concen: 0.525 ng
RT: 15.577 min Scan# 1297
Delta R.T. 0.064 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

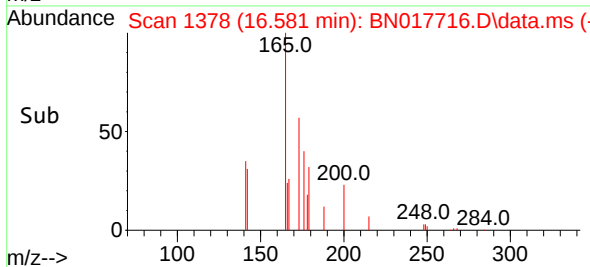
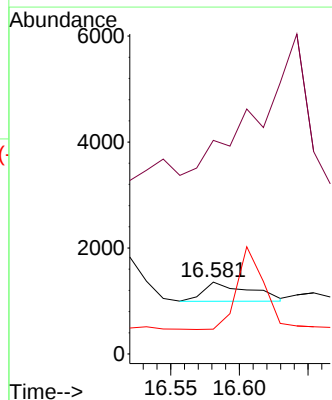
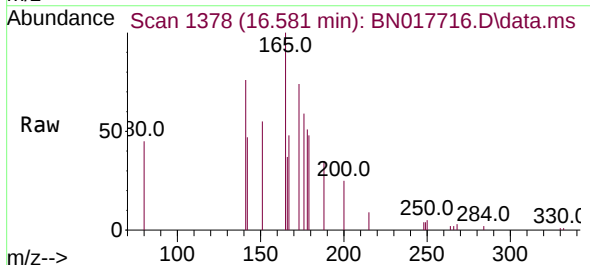
Instrument :
BNA_N
ClientSampleId :
MW-28

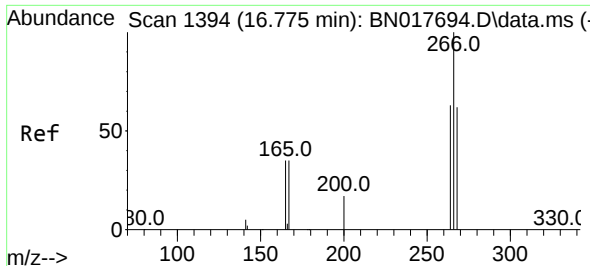
Tgt Ion:198 Resp: 1660
Ion Ratio Lower Upper
198 100
182 115.4 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.114 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:200 Resp: 847
Ion Ratio Lower Upper
200 100
173 297.3 17.6 26.4#
215 34.5 40.2 60.4#

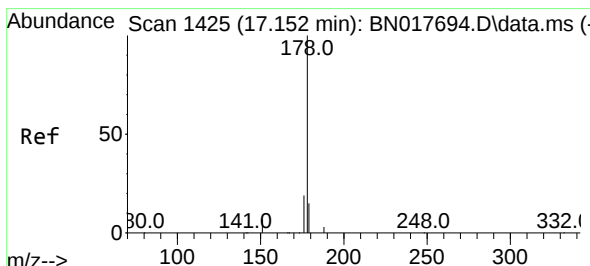
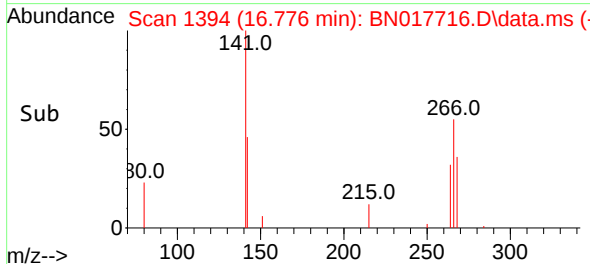
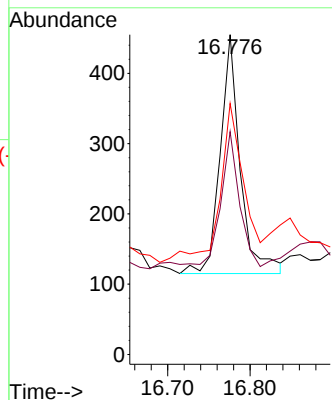
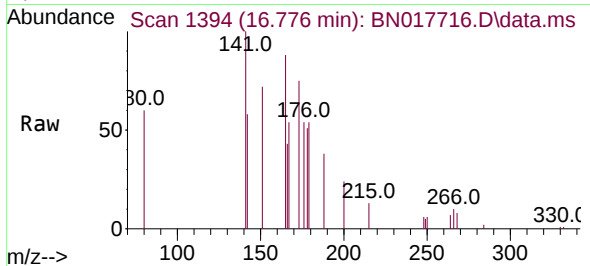




#24
 Pentachlorophenol
 Concen: 0.300 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

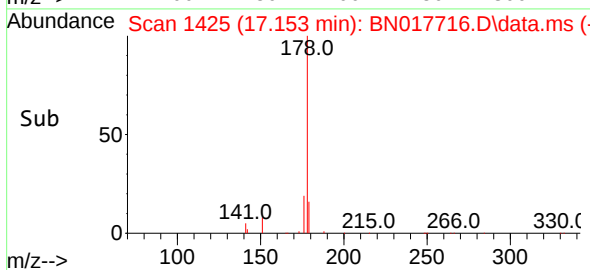
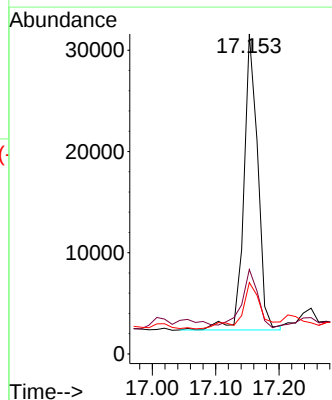
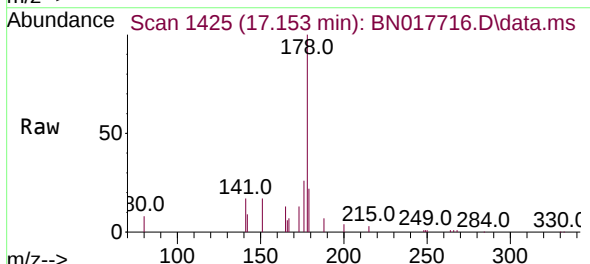
Instrument :
 BNA_N
 ClientSampleId :
 MW-28

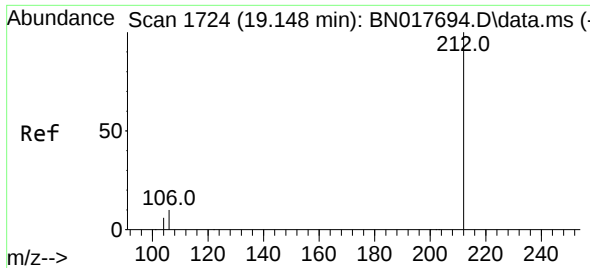
Tgt Ion:266 Resp: 575
 Ion Ratio Lower Upper
 266 100
 264 51.5 49.8 74.8
 268 70.8 51.3 76.9



#25
 Phenanthrene
 Concen: 0.166 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. 0.001 min
 Lab File: BN017716.D
 Acq: 04 Dec 2021 07:42

Tgt Ion:178 Resp: 44782
 Ion Ratio Lower Upper
 178 100
 176 22.6 15.0 22.6#
 179 20.6 12.3 18.5#

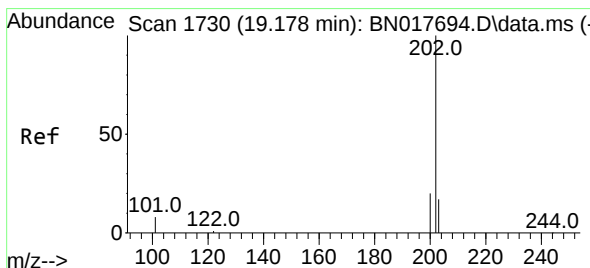
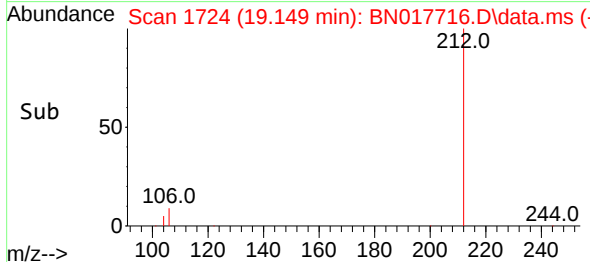
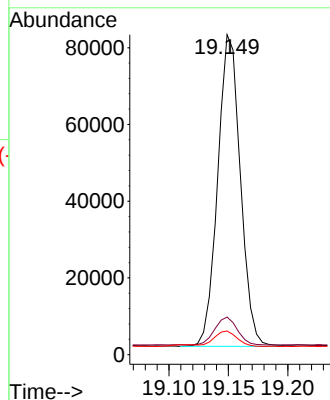
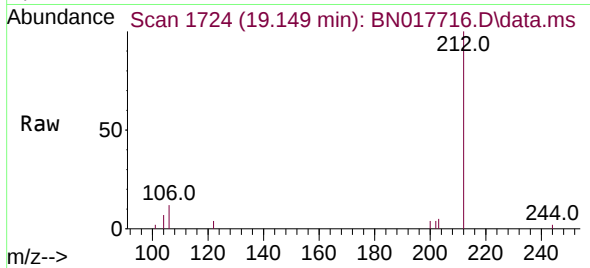




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

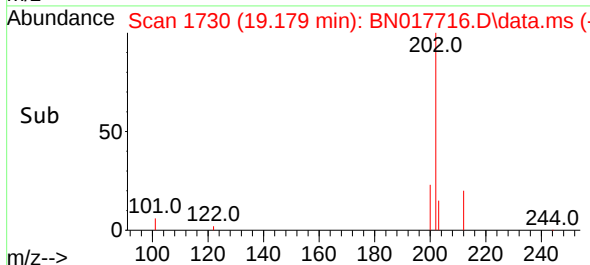
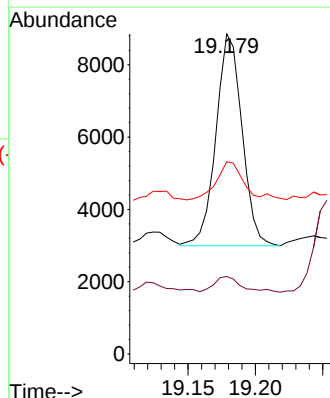
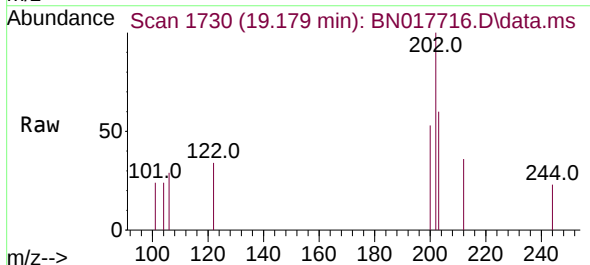
Instrument :
BNA_N
ClientSampleId :
MW-28

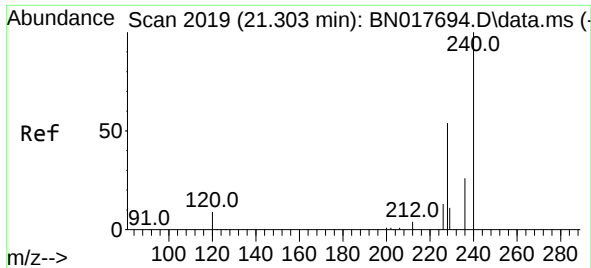
Tgt Ion:212 Resp: 107541
Ion Ratio Lower Upper
212 100
106 8.9 10.5 15.7#
104 4.9 5.8 8.6#



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.179 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:202 Resp: 7906
Ion Ratio Lower Upper
202 100
101 7.5 8.9 13.3#
203 17.7 13.8 20.6

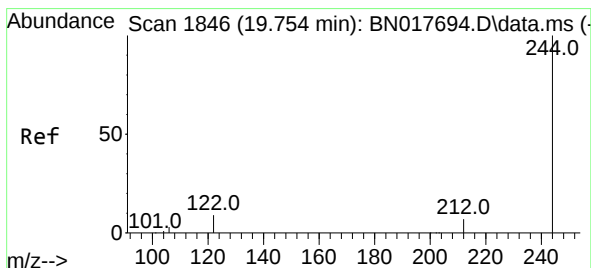
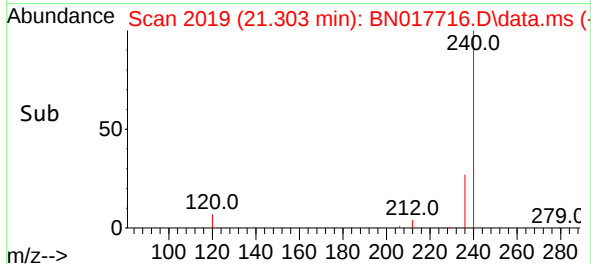
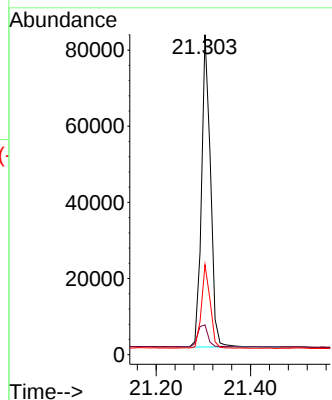
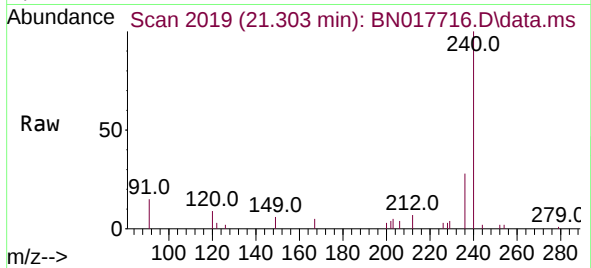




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

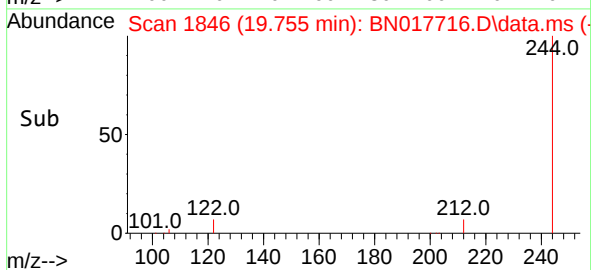
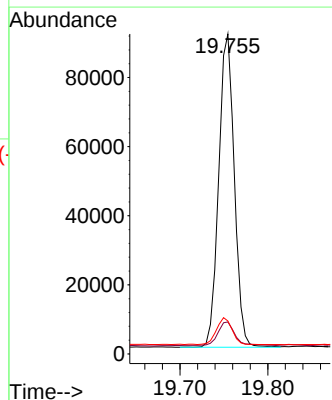
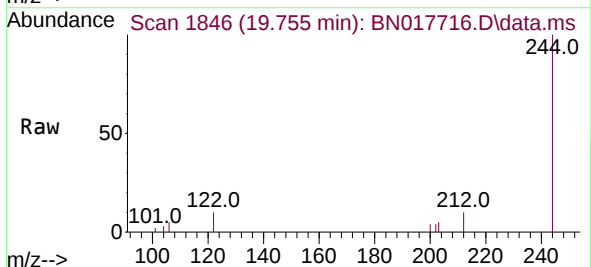
Instrument :
BNA_N
ClientSampleId :
MW-28

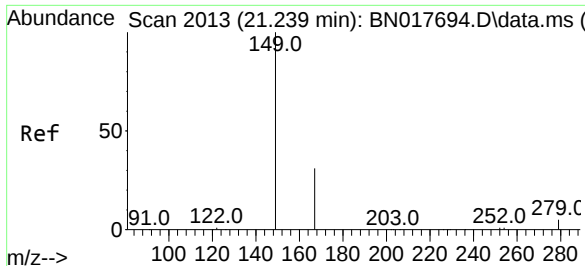
Tgt Ion:240 Resp: 108489
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 28.1 20.0 30.0



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.755 min Scan# 1846
Delta R.T. 0.001 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:244 Resp: 111973
Ion Ratio Lower Upper
244 100
212 10.0 5.7 8.5#
122 10.3 8.6 13.0

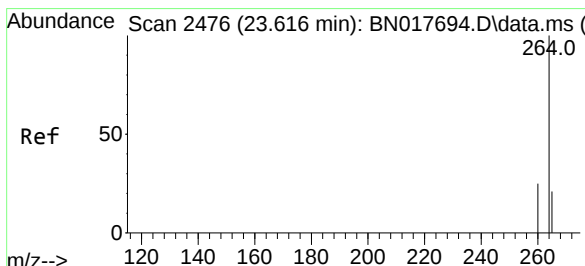
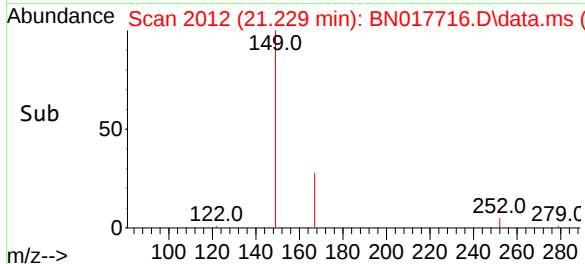
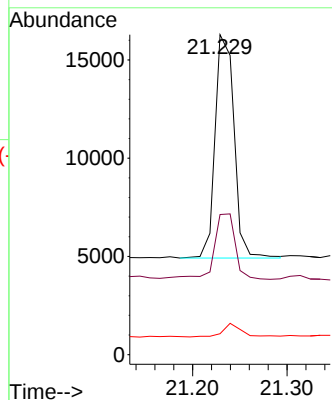
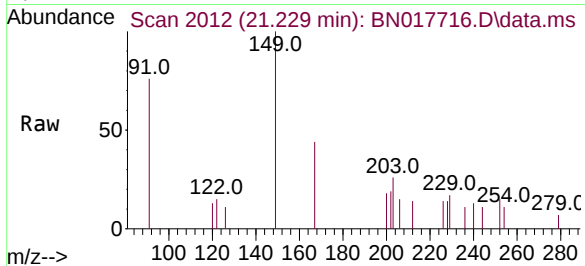




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.153 ng
RT: 21.229 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

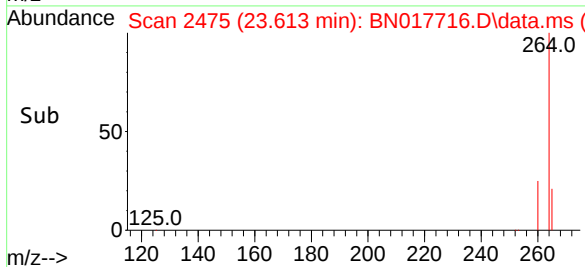
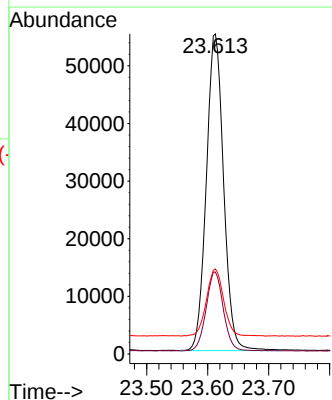
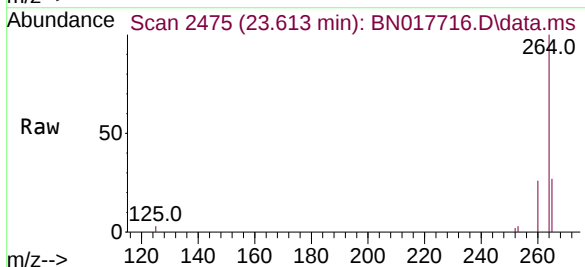
Instrument :
BNA_N
ClientSampleId :
MW-28

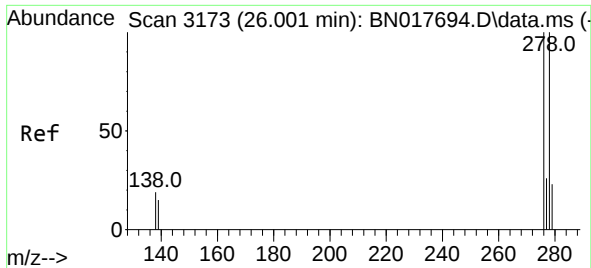
Tgt Ion:149 Resp: 15823
Ion Ratio Lower Upper
149 100
167 32.5 21.8 32.6
279 6.3 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.613 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BN017716.D
Acq: 04 Dec 2021 07:42

Tgt Ion:264 Resp: 108298
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 26.5 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: BN017716.D

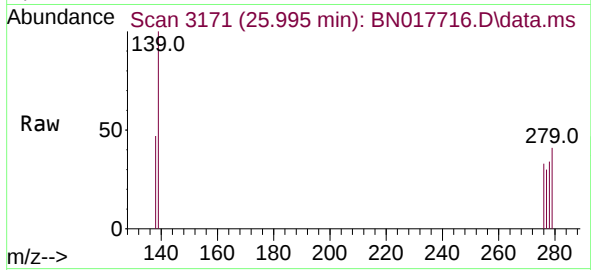
Acq: 04 Dec 2021 07:42

Instrument :

BNA_N

ClientSampleId :

MW-28



Tgt Ion:278 Resp: 582

Ion Ratio Lower Upper

278 100

139 290.6 13.0 19.6#

279 119.6 19.2 28.8#

