

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017714.D
 Acq On : 04 Dec 2021 06:31
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Quant Time: Dec 06 02:13:23 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)

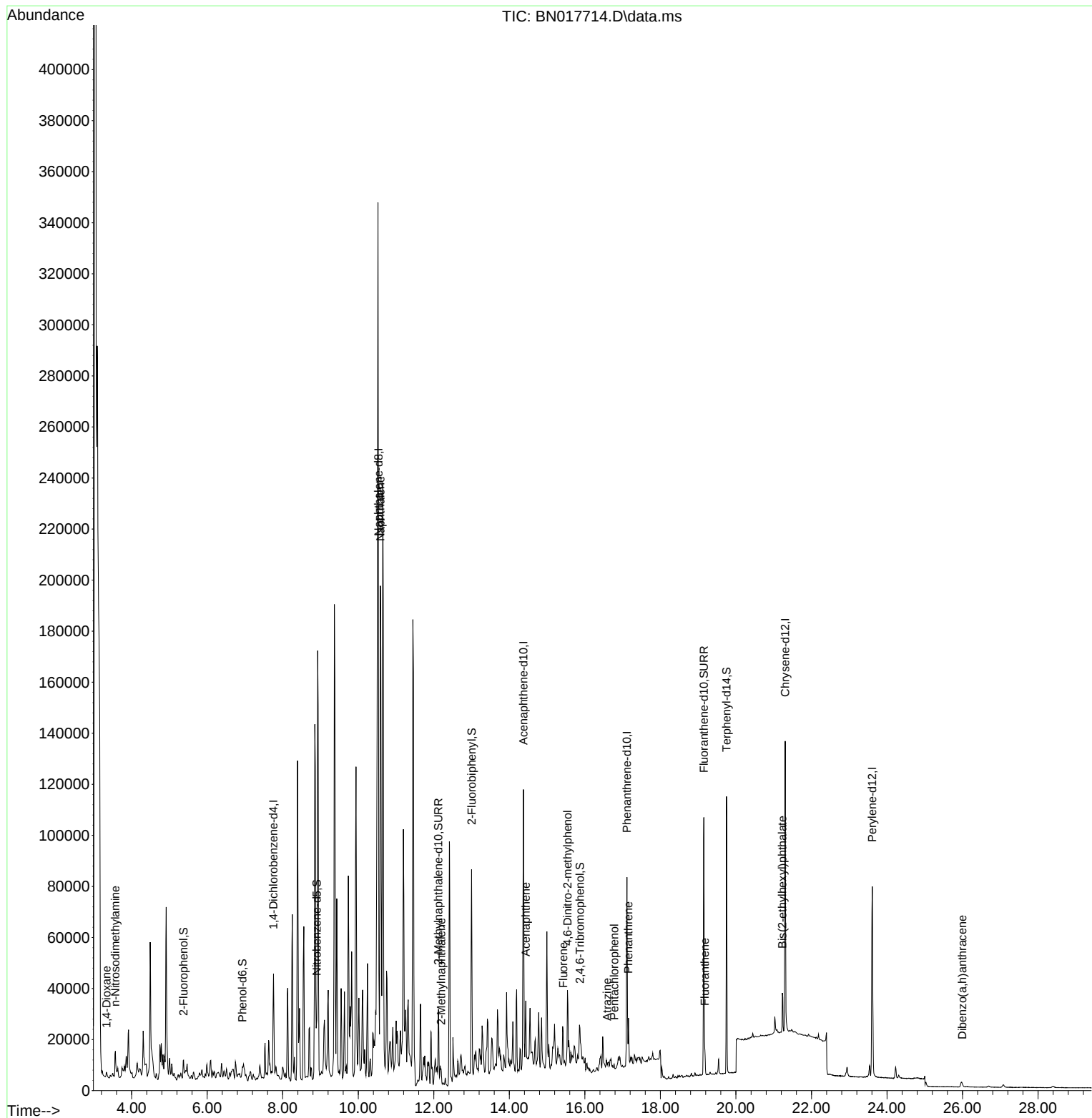
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	18608	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	75580	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	50945	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	103860	0.400	ng	0.00
29) Chrysene-d12	21.303	240	107240	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	102503	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	6888	0.157	ng	0.02
5) Phenol-d6	6.934	99	4025	0.090	ng	0.00
8) Nitrobenzene-d5	8.900	82	18492	0.506	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	39413	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	12905	0.532	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	70477	0.363	ng	0.00
27) Fluoranthene-d10	19.149	212	125188	0.369	ng	0.00
31) Terphenyl-d14	19.749	244	112665	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	413	0.030	ng	# 1
3) n-Nitrosodimethylamine	3.568	42	3217	0.173	ng	# 1
9) Naphthalene	10.586	128	55426	0.288	ng	# 1
12) 2-Methylnaphthalene	12.195	142	4614	0.037	ng	# 57
17) Acenaphthene	14.435	154	13686	0.102	ng	97
18) Fluorene	15.425	166	9148	0.055	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.539	198	78	0.250	ng	# 1
23) Atrazine	16.593	200	493	0.106	ng	# 1
24) Pentachlorophenol	16.776	266	554	0.299	ng	97
25) Phenanthrene	17.153	178	19927	0.072	ng	# 92
28) Fluoranthene	19.179	202	7720	0.024	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.229	149	16104	0.158	ng	# 95
40) Dibenzo(a,h)anthracene	25.995	278	1000	0.086	ng	# 1

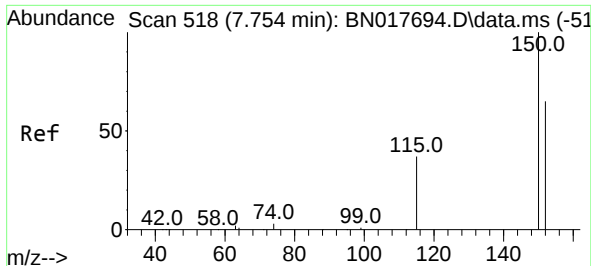
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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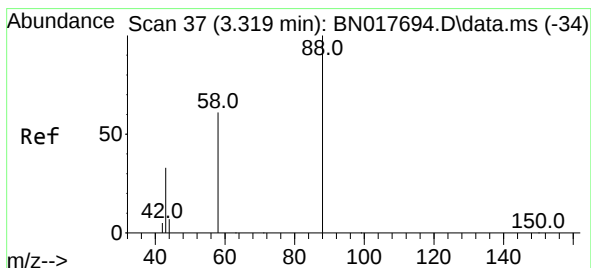
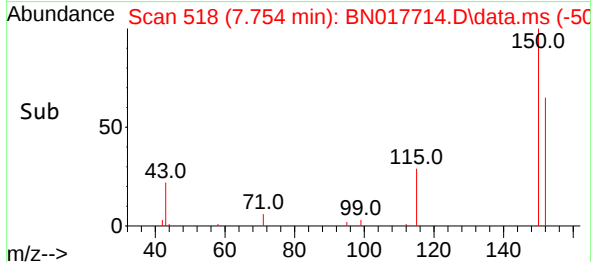
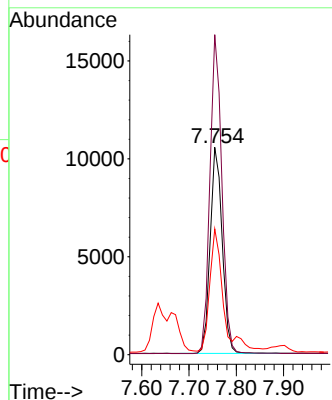
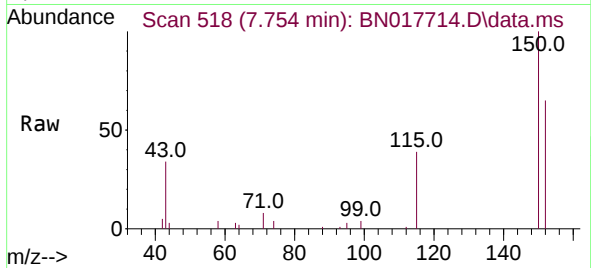




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.754 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

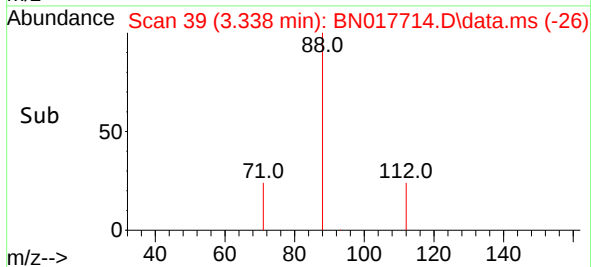
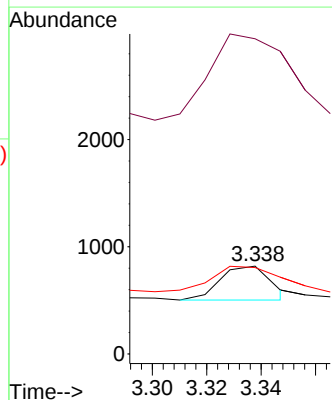
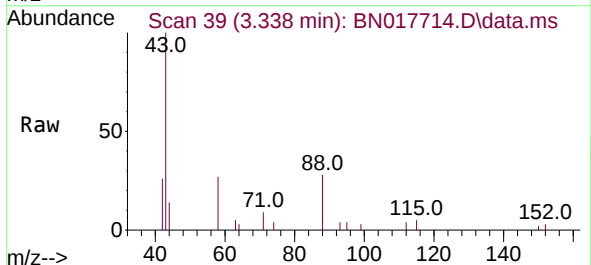
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 MW-24

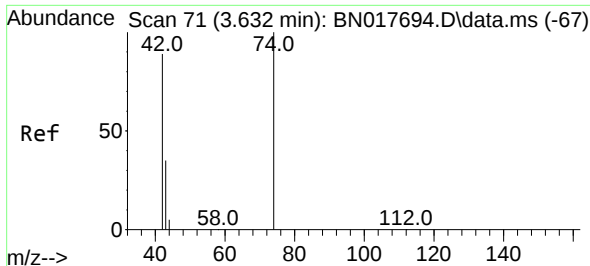
Tgt Ion:152 Resp: 18608
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.4
 115 60.7 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.338 min Scan# 39
 Delta R.T. 0.019 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

Tgt Ion: 88 Resp: 413
 Ion Ratio Lower Upper
 88 100
 43 354.2 24.7 37.1#
 58 92.5 63.0 94.6

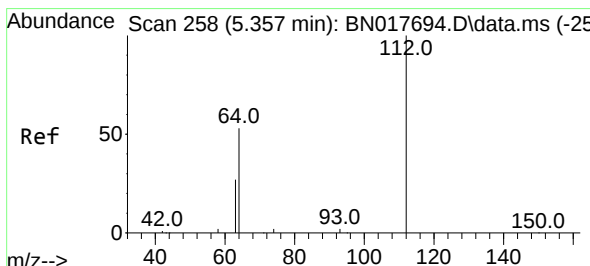
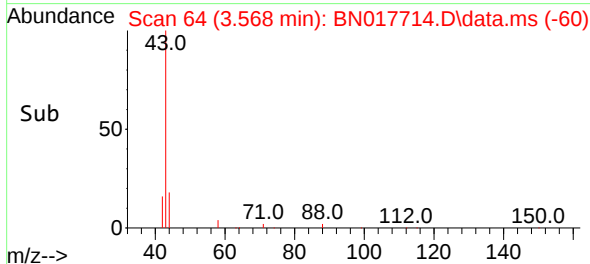
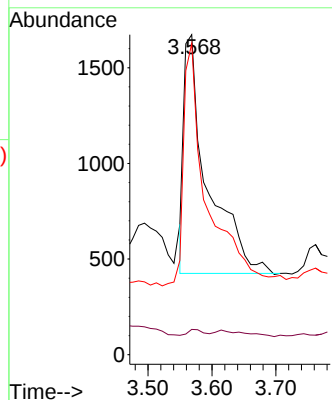
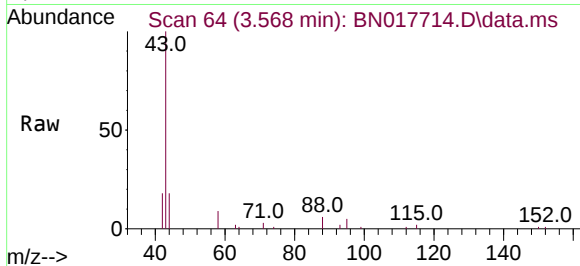




#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.568 min Scan# 64
Delta R.T. -0.064 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

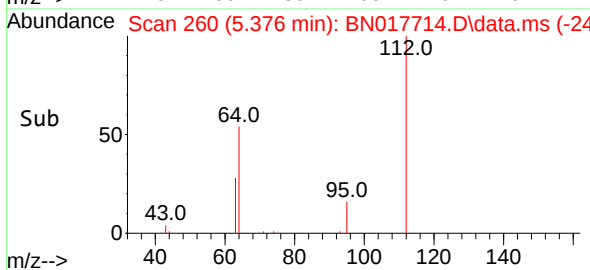
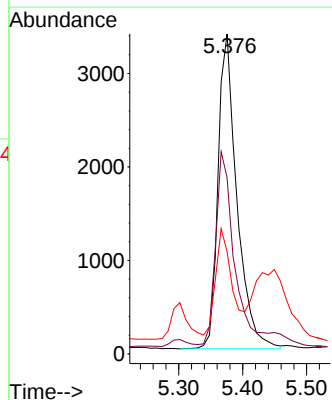
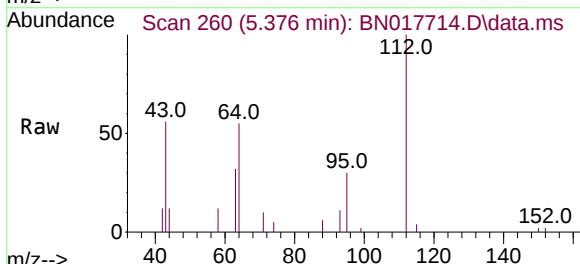
Instrument :
BNA_N
ClientSampleId :
MW-24

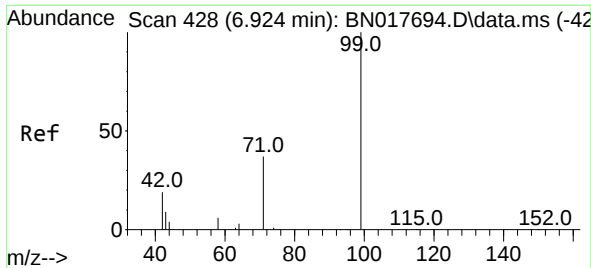
Tgt Ion: 42 Resp: 3217
Ion Ratio Lower Upper
42 100
74 1.6 97.8 146.6#
44 89.1 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.376 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion: 112 Resp: 6888
Ion Ratio Lower Upper
112 100
64 62.7 47.6 71.4
63 29.7 24.6 37.0

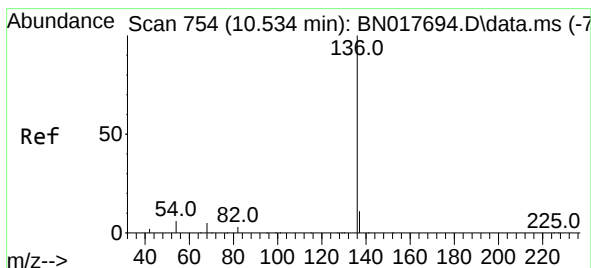
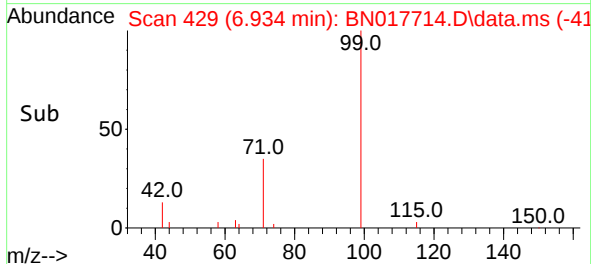
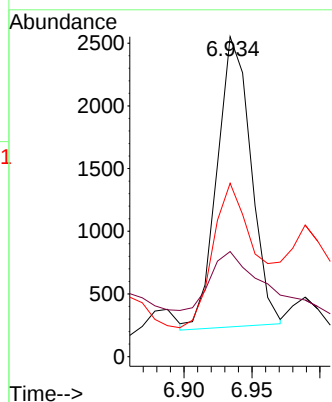
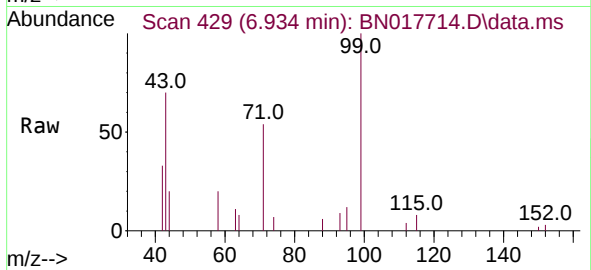




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.934 min Scan# 41
Delta R.T. 0.010 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

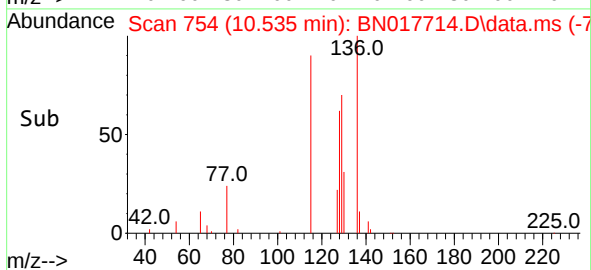
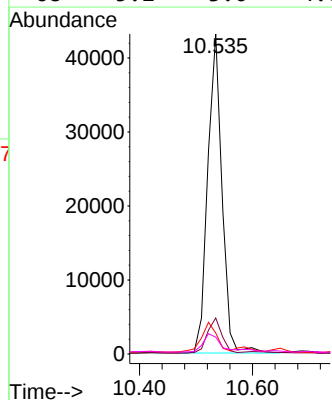
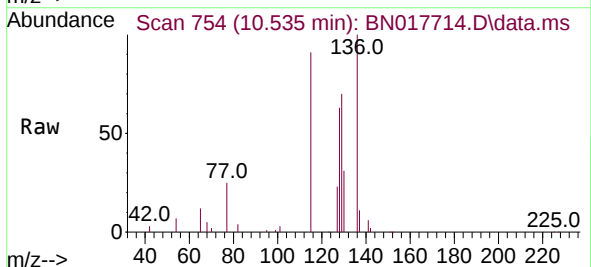
Instrument :
BNA_N
ClientSampleId :
MW-24

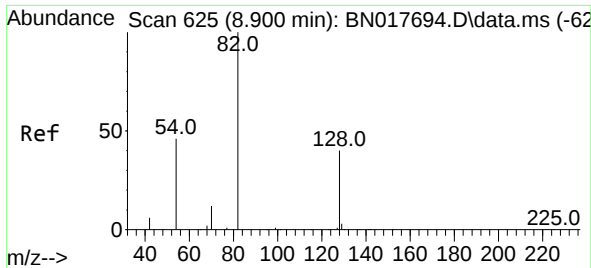
Tgt Ion: 99 Resp: 4025
Ion Ratio Lower Upper
99 100
42 29.8 17.0 25.6#
71 60.2 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion: 136 Resp: 75580
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 4.0 6.0#
68 5.2 3.0 4.6#

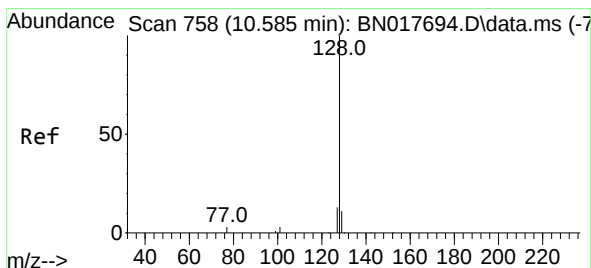
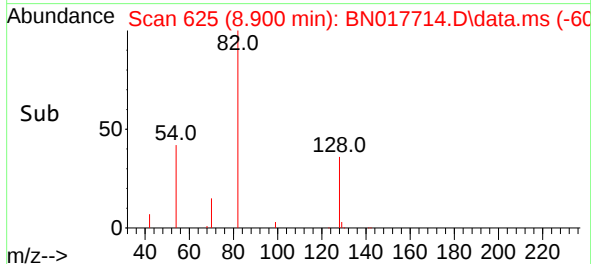
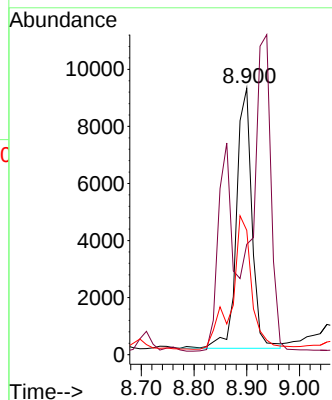
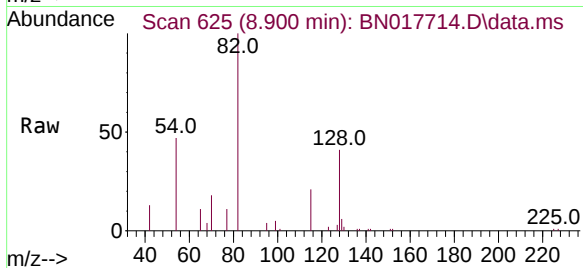




#8
Nitrobenzene-d5
Concen: 0.506 ng
RT: 8.900 min Scan# 612
Delta R.T. -0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

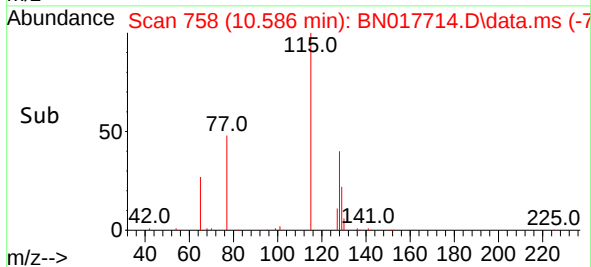
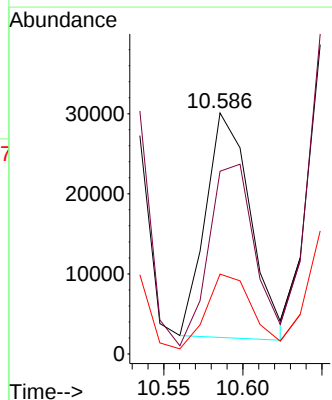
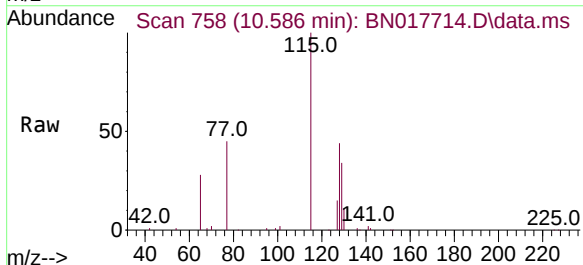
Instrument :
BNA_N
ClientSampleId :
MW-24

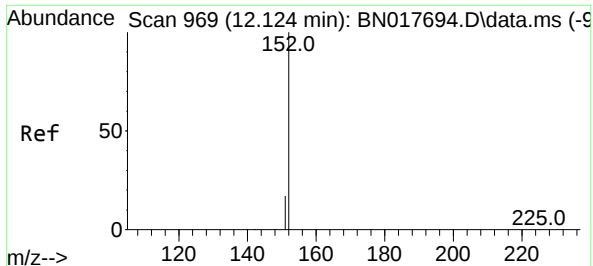
Tgt Ion: 82 Resp: 18492
Ion Ratio Lower Upper
82 100
128 41.4 27.7 41.5
54 46.6 49.2 73.8#



#9
Naphthalene
Concen: 0.288 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion: 128 Resp: 55426
Ion Ratio Lower Upper
128 100
129 75.9 8.8 13.2#
127 33.2 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.295 ng

RT: 12.124 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN017714.D

Acq: 04 Dec 2021 06:31

Instrument :

BNA_N

ClientSampleId :

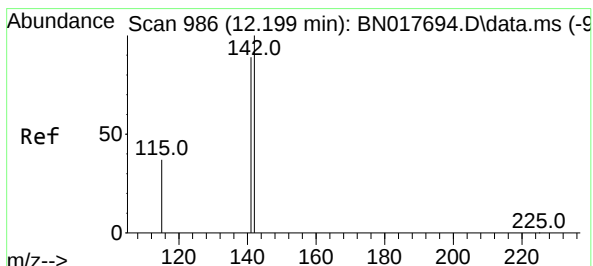
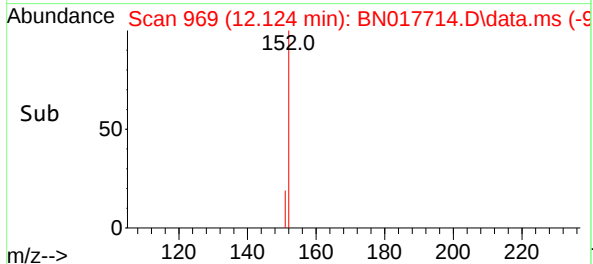
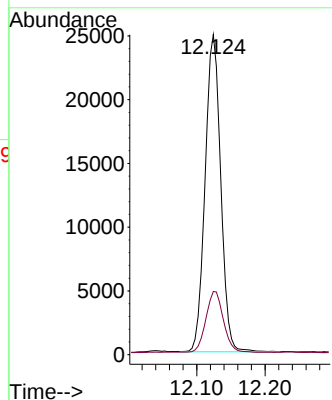
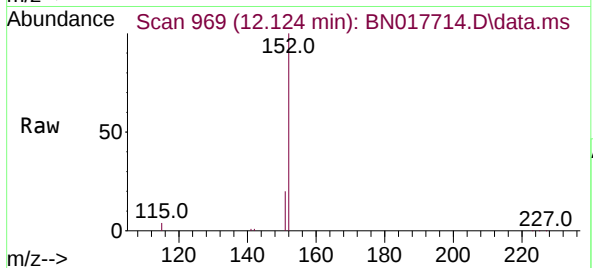
MW-24

Tgt Ion:152 Resp: 39413

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.037 ng

RT: 12.195 min Scan# 985

Delta R.T. -0.004 min

Lab File: BN017714.D

Acq: 04 Dec 2021 06:31

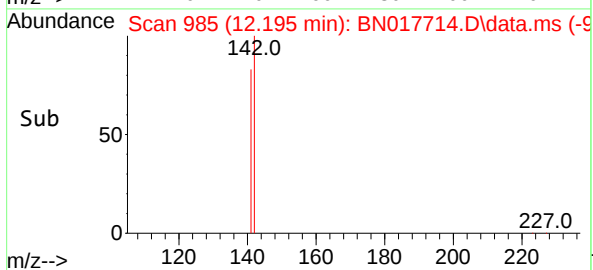
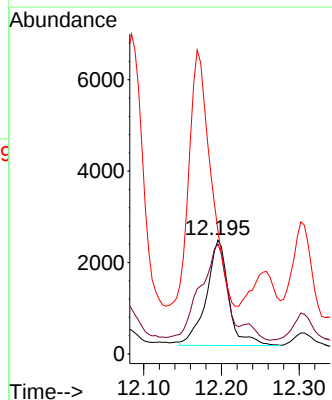
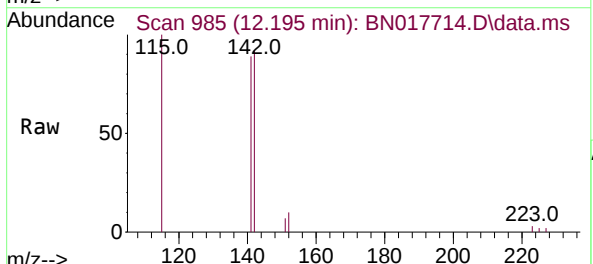
Tgt Ion:142 Resp: 4614

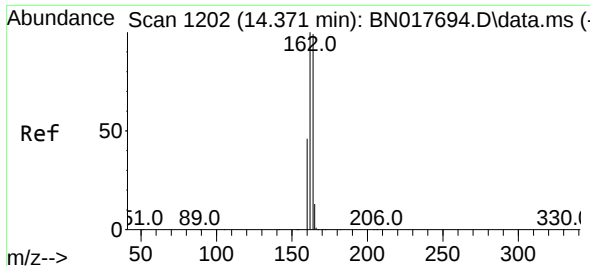
Ion Ratio Lower Upper

142 100

141 96.5 70.6 106.0

115 108.2 25.8 38.6#

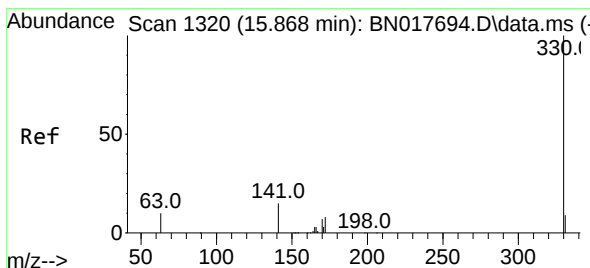
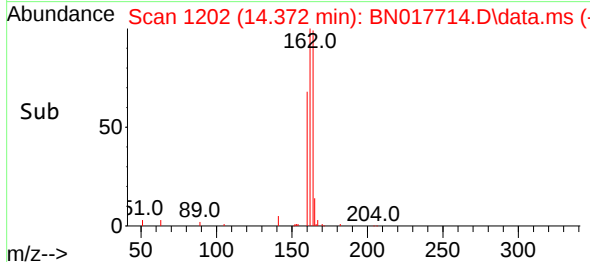
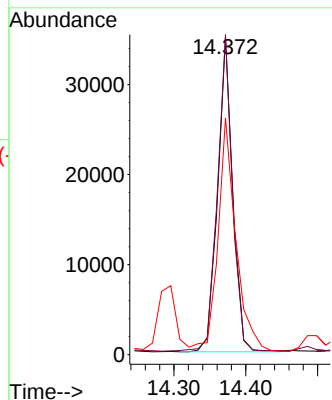
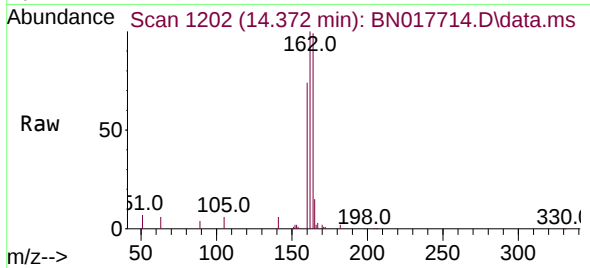




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

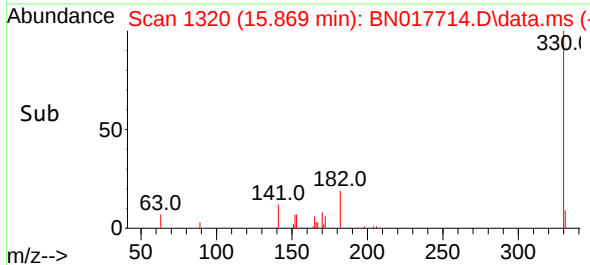
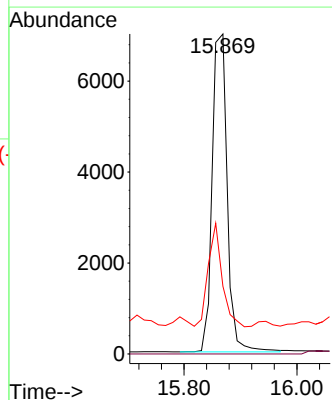
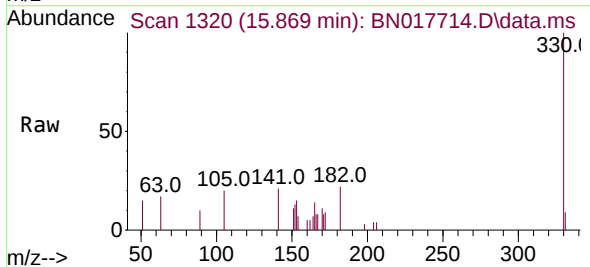
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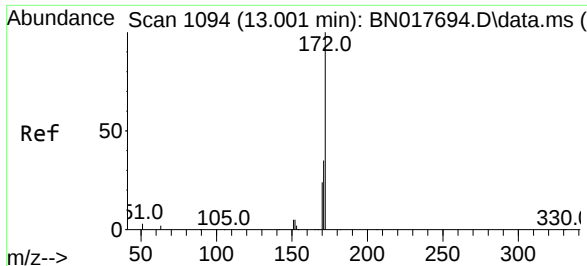
Tgt Ion:164 Resp: 50945
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.2
 160 74.5 36.8 55.2#



#14
 2,4,6-Tribromophenol
 Concen: 0.532 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

Tgt Ion:330 Resp: 12905
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.2 28.9 43.3

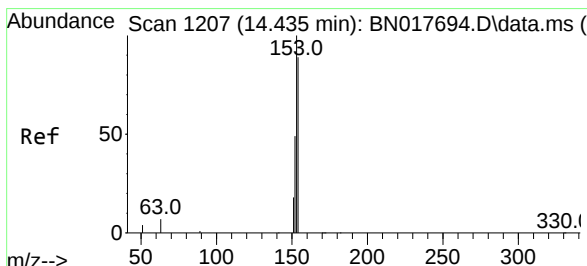
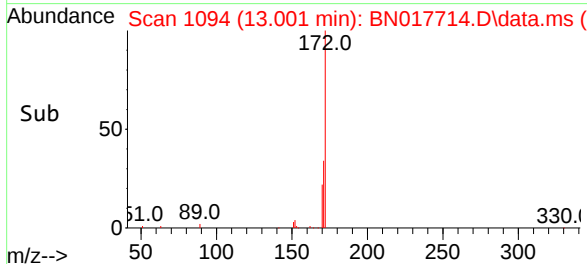
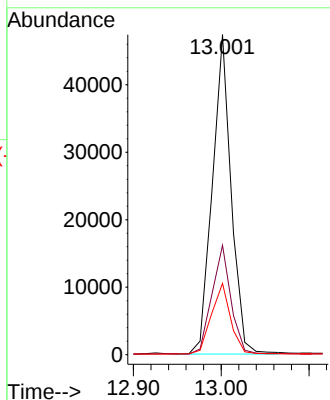
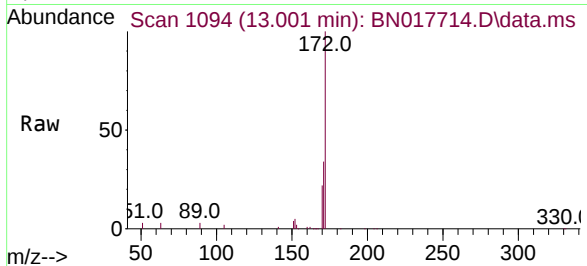




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

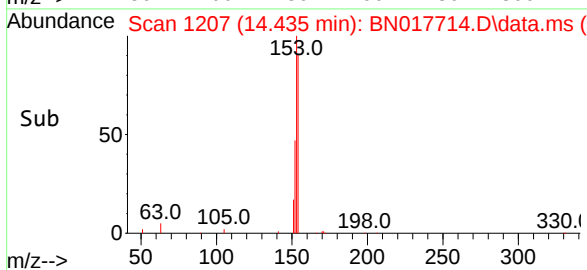
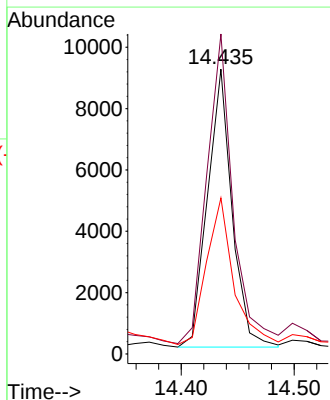
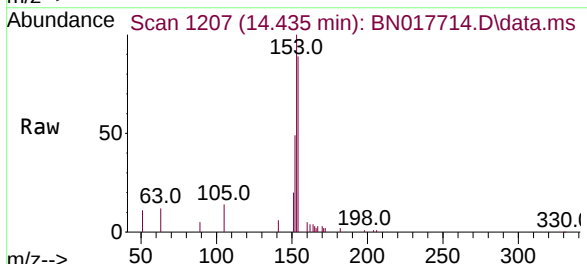
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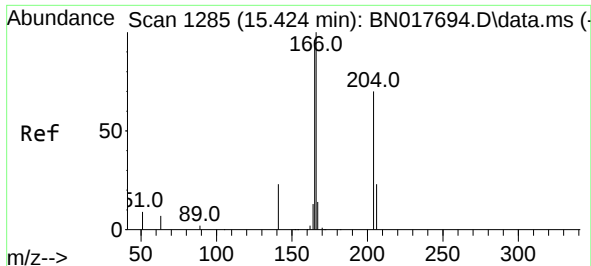
Tgt Ion:172 Resp: 70477
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.3 19.4 29.2



#17
Acenaphthene
Concen: 0.102 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:154 Resp: 13686
Ion Ratio Lower Upper
154 100
153 117.2 91.2 136.8
152 58.0 44.3 66.5

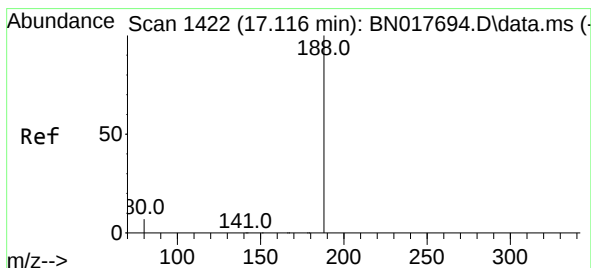
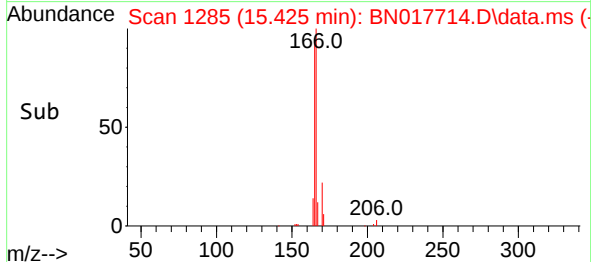
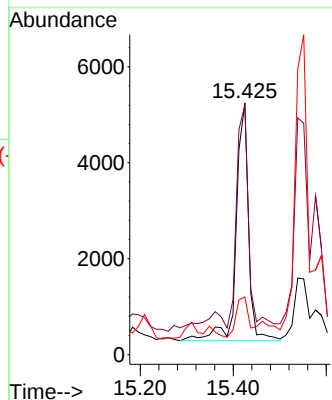
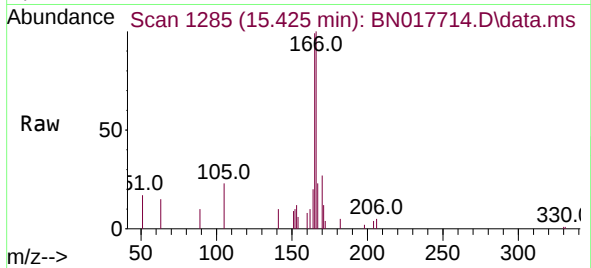




#18
Fluorene
Concen: 0.055 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

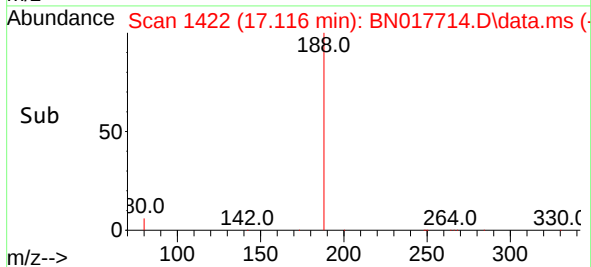
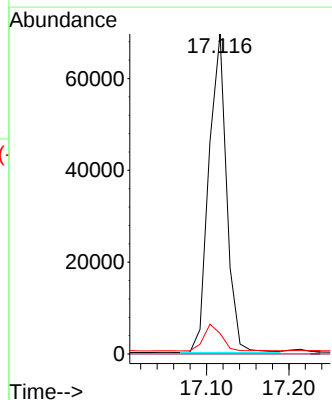
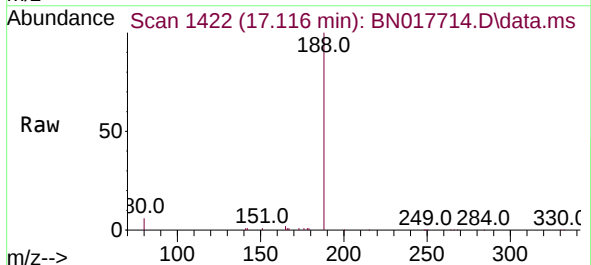
Instrument :
BNA_N
ClientSampleId :
MW-24

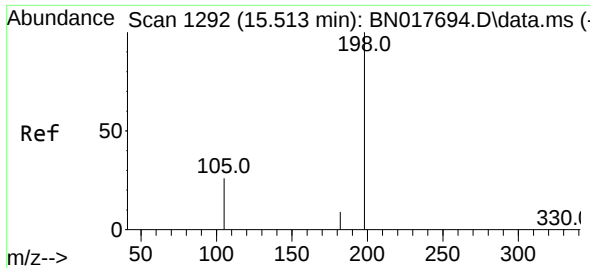
Tgt Ion:166 Resp: 9148
Ion Ratio Lower Upper
166 100
165 89.8 77.9 116.9
167 18.1 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:188 Resp: 103860
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 6.1 9.1

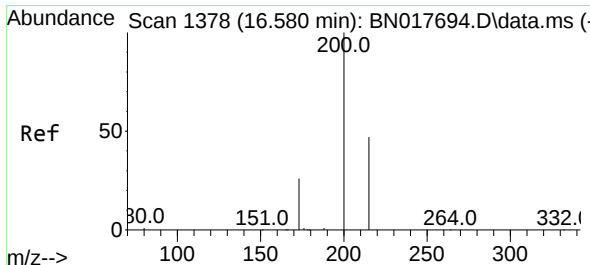
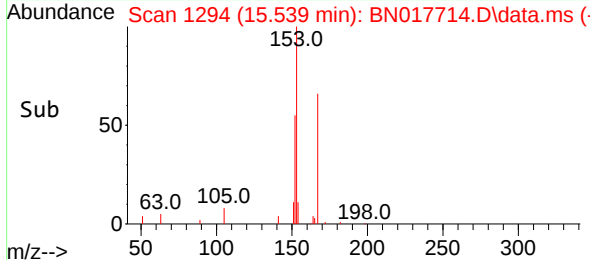
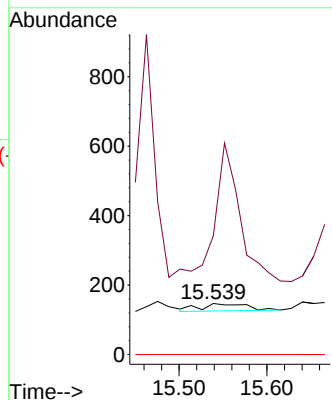
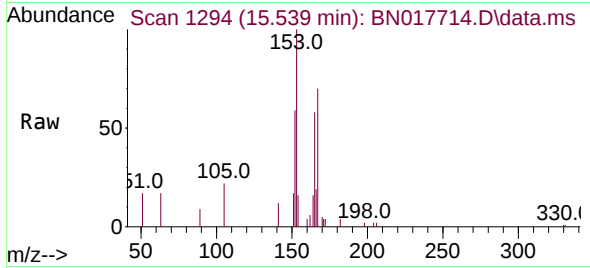




#20
4,6-Dinitro-2-methylphenol
Concen: 0.250 ng
RT: 15.539 min Scan# 1292
Delta R.T. 0.026 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

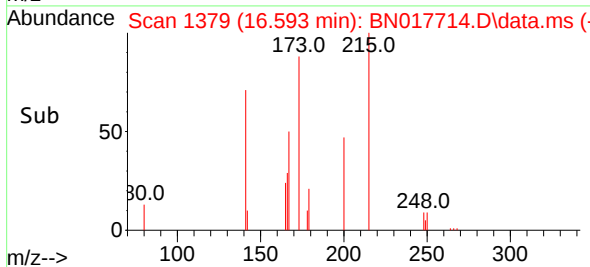
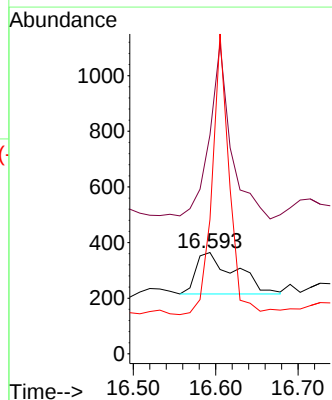
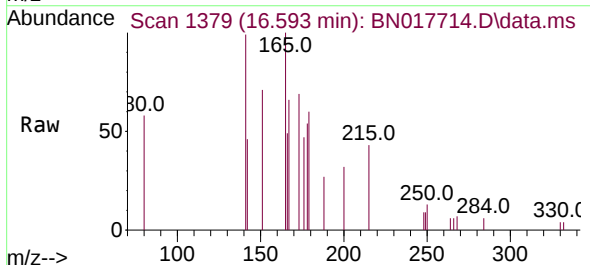
Instrument :
BNA_N
ClientSampleId :
MW-24

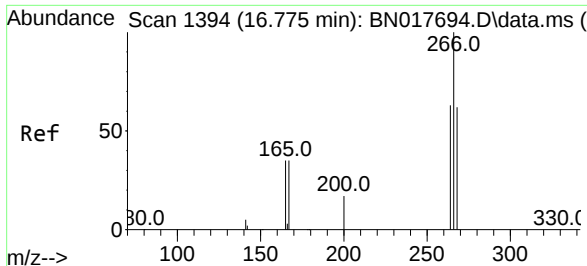
Tgt Ion:198 Resp: 78
Ion Ratio Lower Upper
198 100
182 232.7 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.106 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.013 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:200 Resp: 493
Ion Ratio Lower Upper
200 100
173 216.2 17.6 26.4#
215 132.7 40.2 60.4#

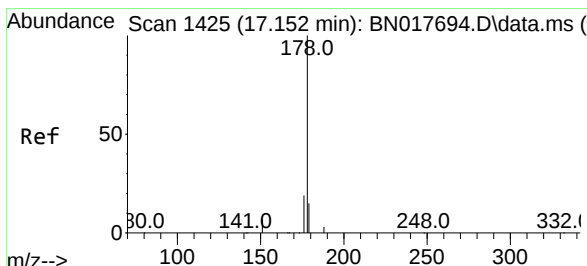
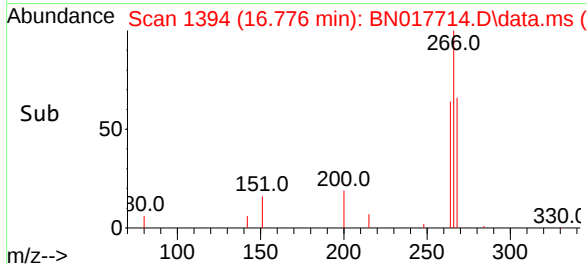
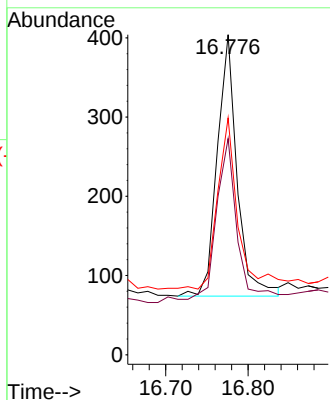
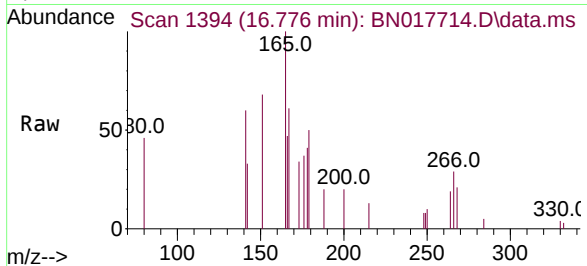




#24
 Pentachlorophenol
 Concen: 0.299 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

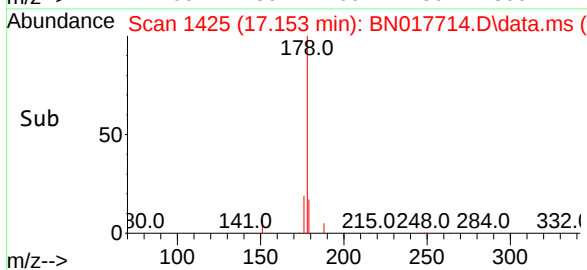
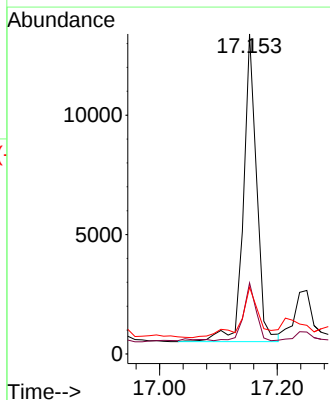
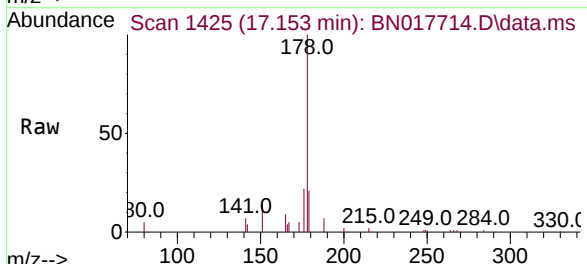
Instrument :
 BNA_N
 ClientSampleId :
 MW-24

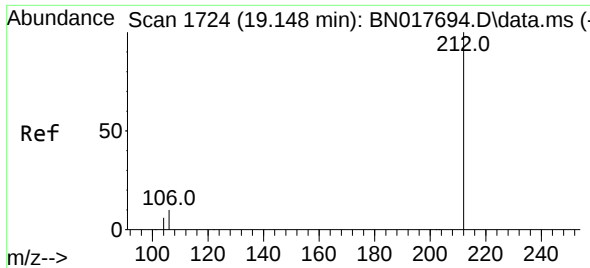
Tgt Ion:	266	Resp:	554
Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	68.6	51.3	76.9



#25
 Phenanthrene
 Concen: 0.072 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

Tgt Ion:	178	Resp:	19927
Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.6
179	21.9	12.3	18.5

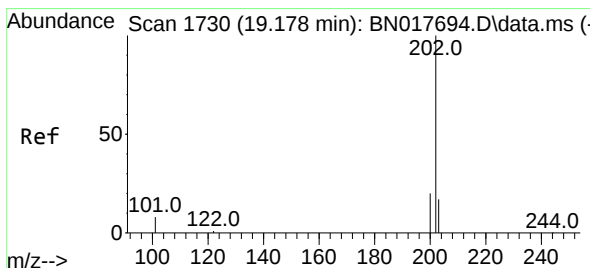
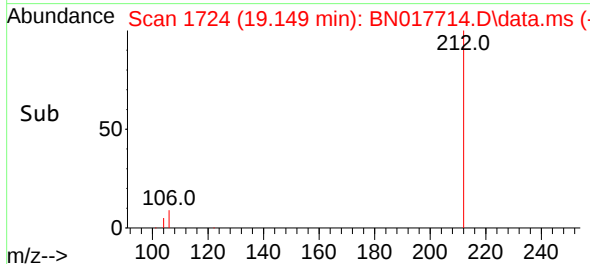
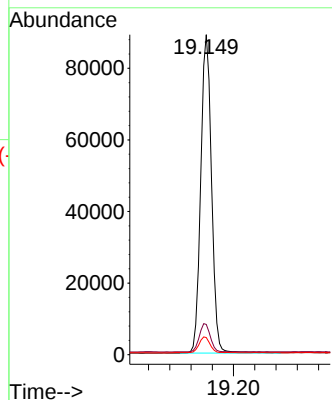
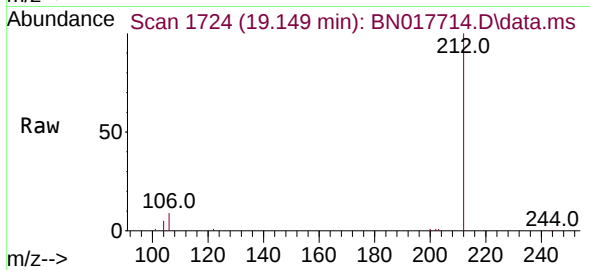




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

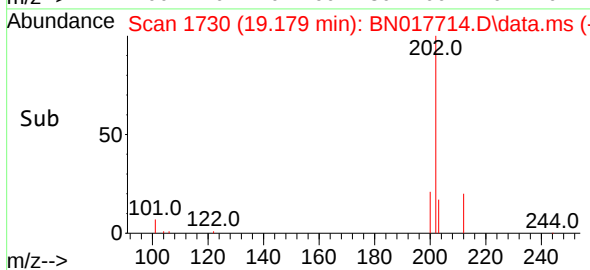
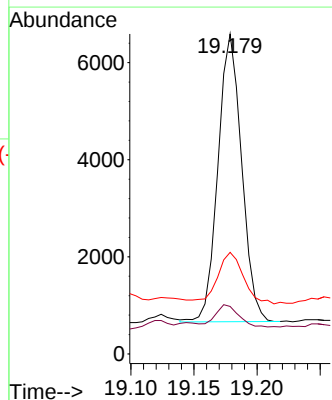
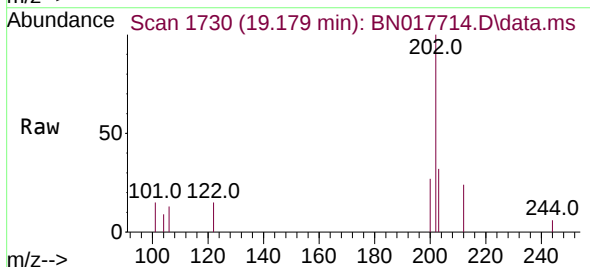
Instrument :
BNA_N
ClientSampleId :
MW-24

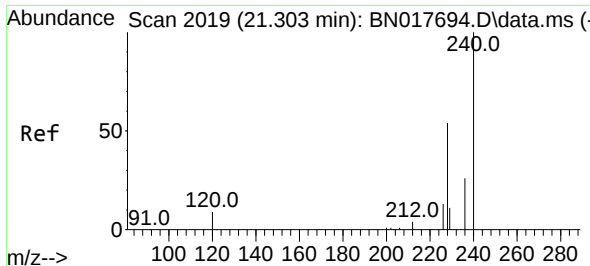
Tgt Ion:212 Resp: 125188
Ion Ratio Lower Upper
212 100
106 8.9 10.5 15.7#
104 5.1 5.8 8.6#



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.179 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:202 Resp: 7720
Ion Ratio Lower Upper
202 100
101 7.5 8.9 13.3#
203 18.9 13.8 20.6

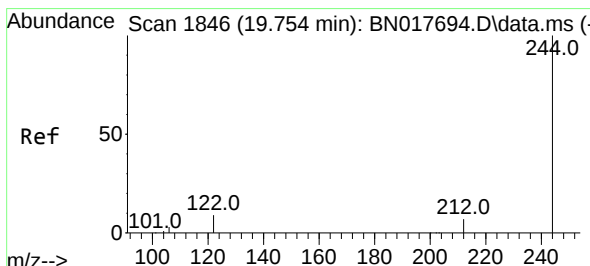
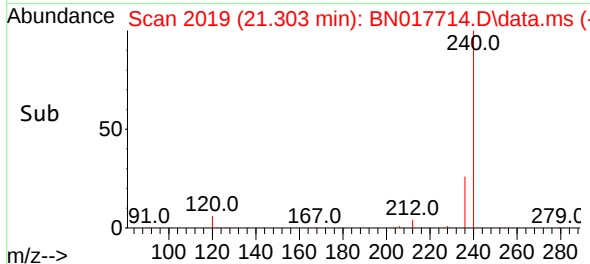
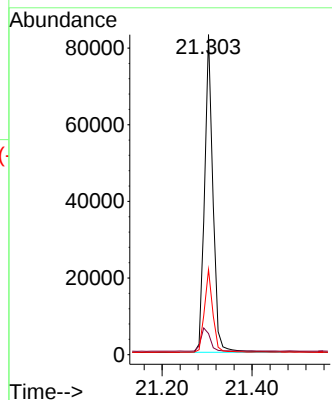
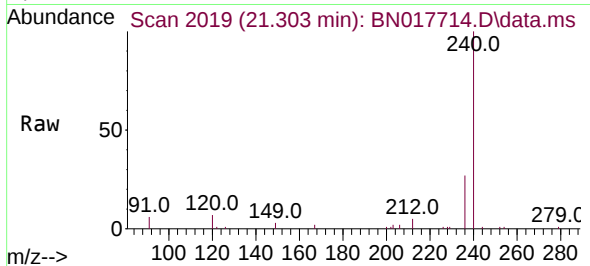




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

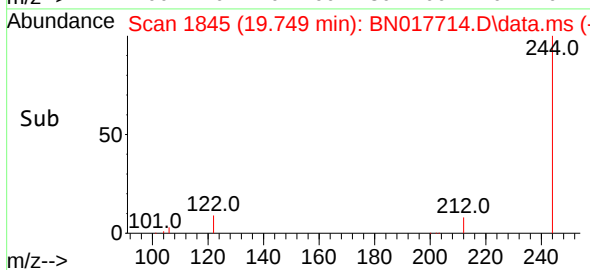
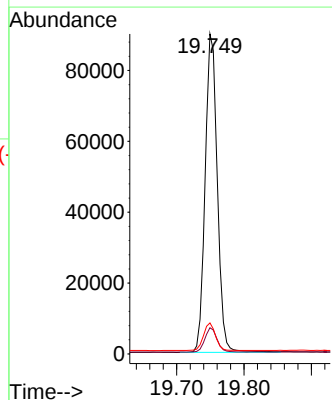
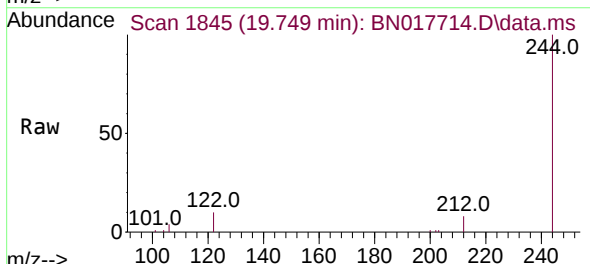
Instrument :
BNA_N
ClientSampleId :
MW-24

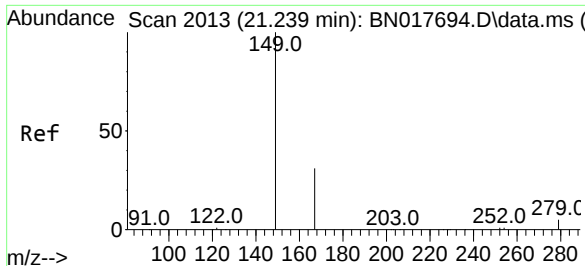
Tgt Ion:240 Resp: 107240
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.2#
236 26.6 20.0 30.0



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.749 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:244 Resp: 112665
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 9.7 8.6 13.0

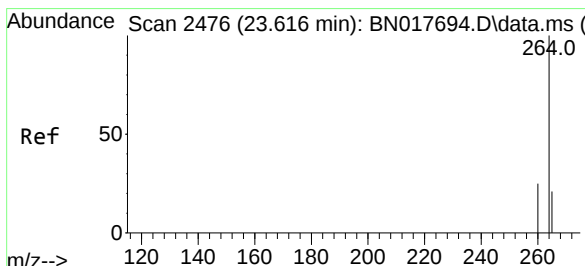
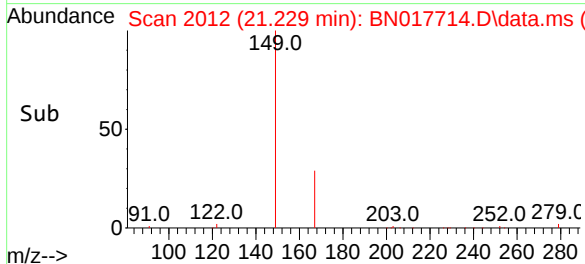
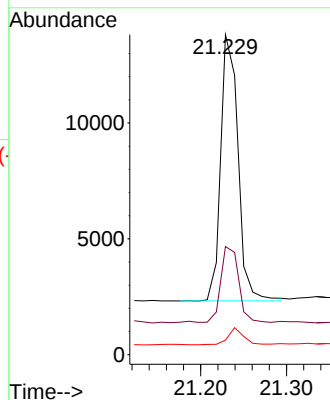
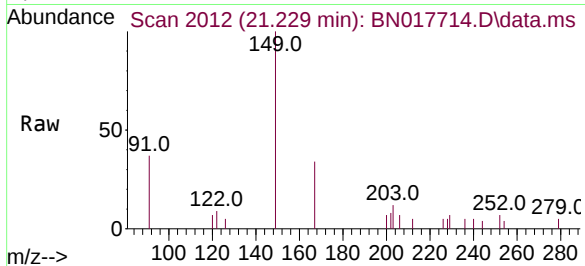




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.158 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

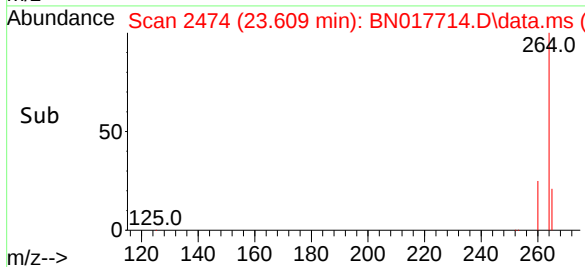
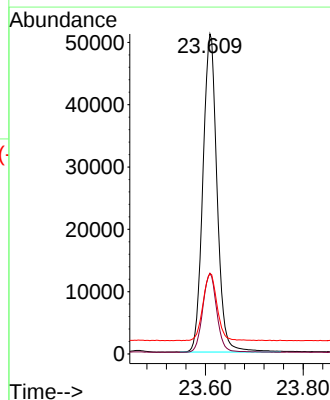
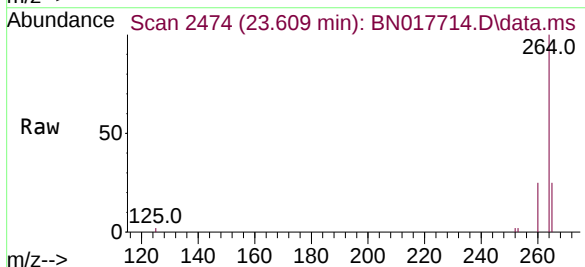
Instrument :
BNA_N
ClientSampleId :
MW-24

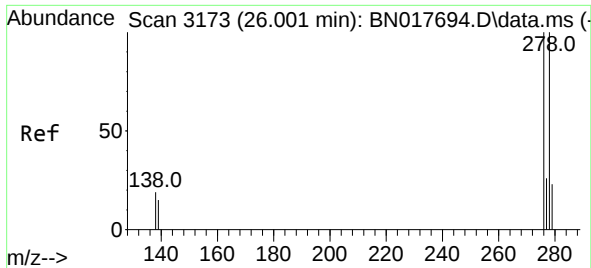
Tgt Ion:149 Resp: 16104
Ion Ratio Lower Upper
149 100
167 29.7 21.8 32.6
279 5.7 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.609 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

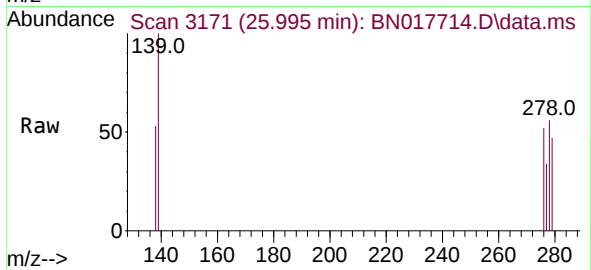
Tgt Ion:264 Resp: 102503
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 25.1 18.6 28.0





#40
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng
 RT: 25.995 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

Instrument :
 BNA_N
 ClientSampleId :
 MW-24



Tgt Ion:278 Resp: 1000
 Ion Ratio Lower Upper
 278 100
 139 178.6 13.0 19.6#
 279 83.9 19.2 28.8#

