

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015375.D
 Acq On : 07 Jul 2021 15:58
 Operator : CG/JU
 Sample : M2923-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-11.5-070121

Quant Time: Jul 07 16:45:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

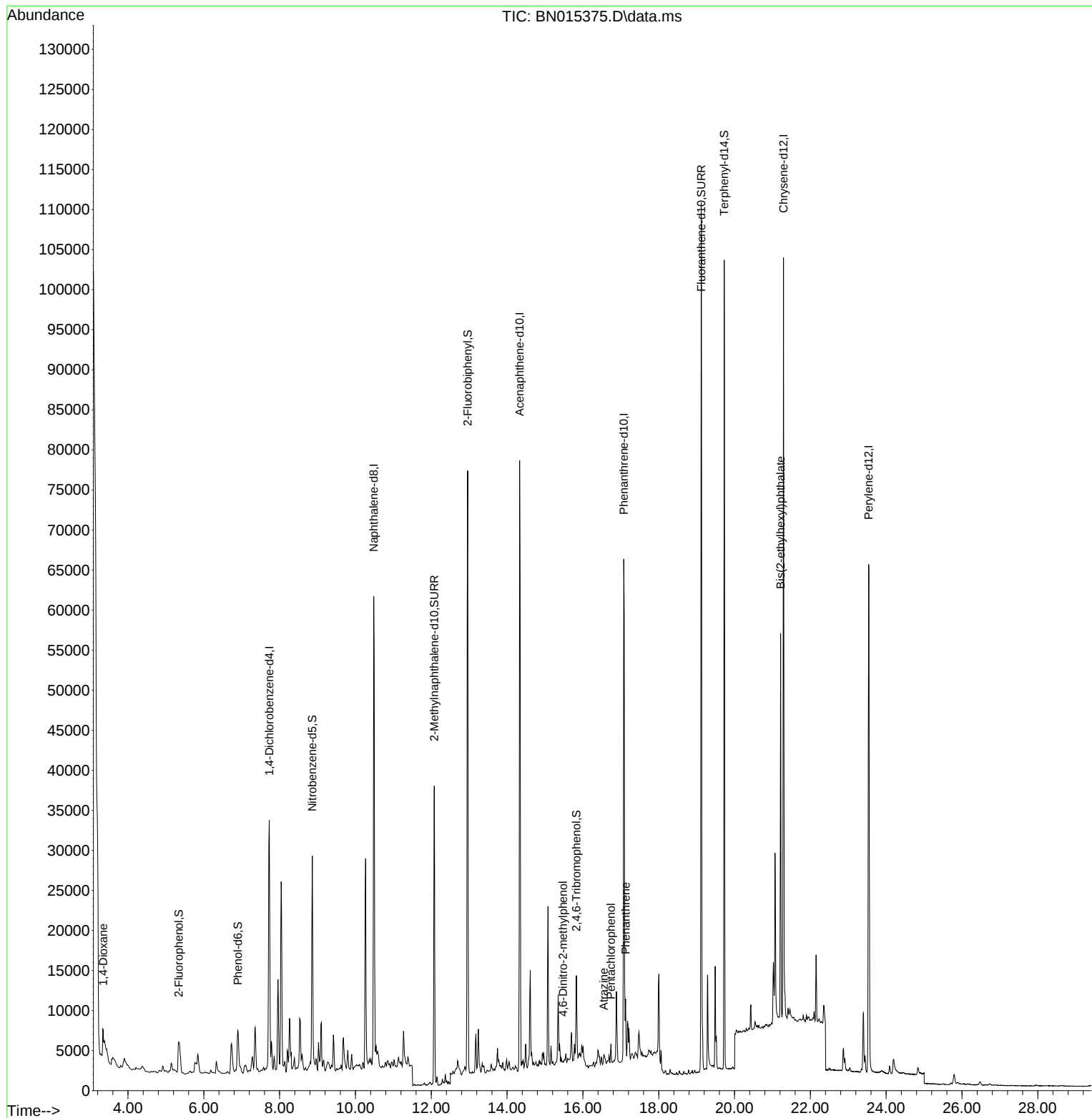
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	17973	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	82686	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	46993	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	92732	0.400	ng	# 0.00
29) Chrysene-d12	21.291	240	84534	0.400	ng	# 0.00
35) Perylene-d12	23.539	264	82402	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	8127	0.177	ng	0.00
5) Phenol-d6	6.896	99	6203	0.108	ng	0.00
8) Nitrobenzene-d5	8.861	82	22644	0.489	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	50057	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7559	0.593	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	68889	0.361	ng	0.00
27) Fluoranthene-d10	19.123	212	119735	0.437	ng	0.00
31) Terphenyl-d14	19.728	244	96269	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	2925	0.347	ng	# 42
20) 4,6-Dinitro-2-methylph...	15.474	198	448	0.446	ng	# 81
23) Atrazine	16.555	200	562	0.184	ng	# 75
24) Pentachlorophenol	16.738	266	1182	0.349	ng	96
25) Phenanthrene	17.127	178	7567	0.025	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	39288	0.523	ng	# 88

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

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QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

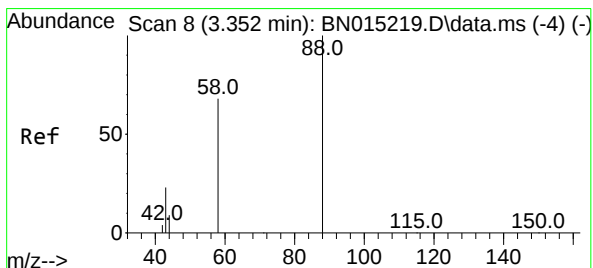
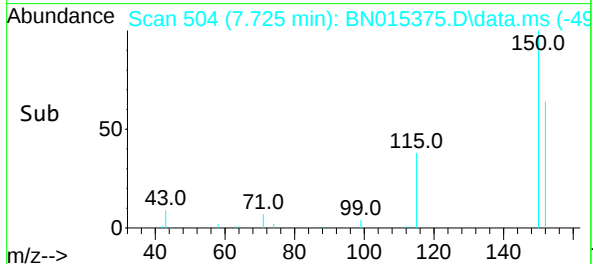
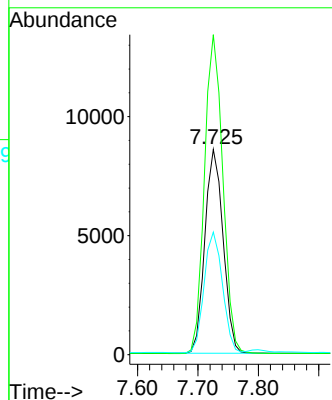
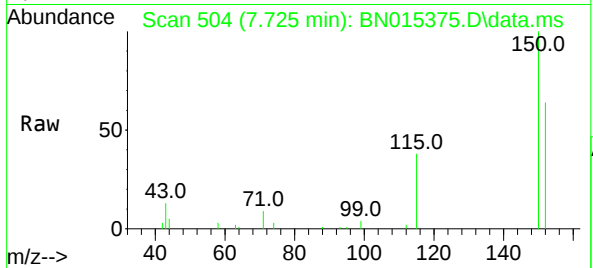




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015375.D
 Acq: 07 Jul 2021 15:58

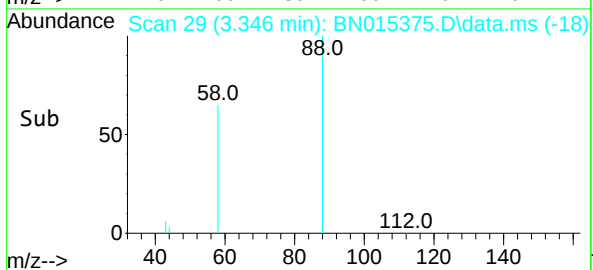
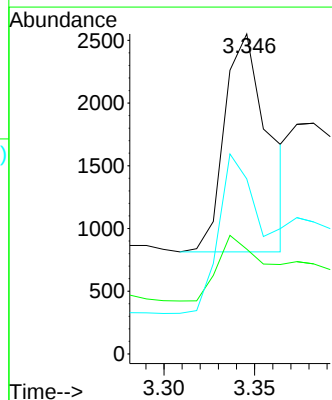
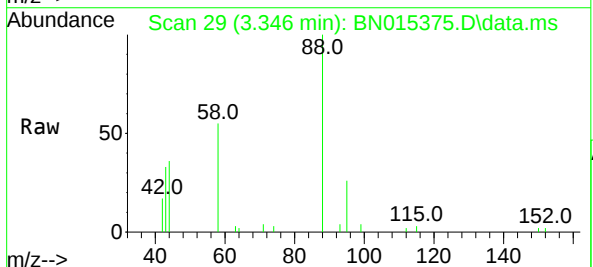
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-11.5-070121

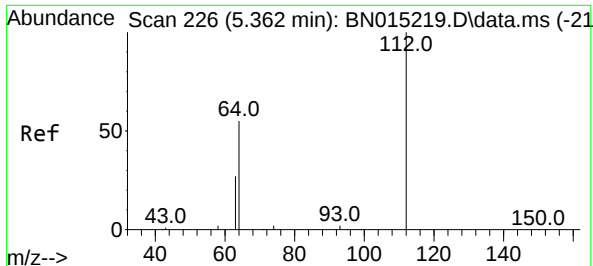
Tgt Ion: 152 Resp: 17973
 Ion Ratio Lower Upper
 152 100
 150 155.8 119.0 178.6
 115 59.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.347 ng
 RT: 3.346 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015375.D
 Acq: 07 Jul 2021 15:58

Tgt Ion: 88 Resp: 2925
 Ion Ratio Lower Upper
 88 100
 43 59.5 12.9 19.3#
 58 76.8 38.1 57.1#

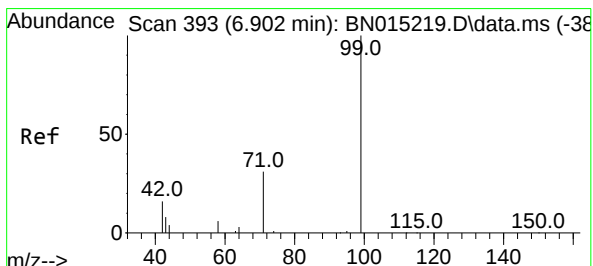
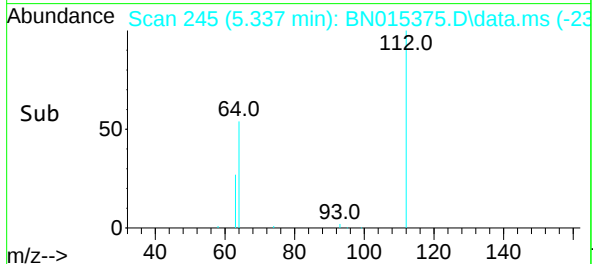
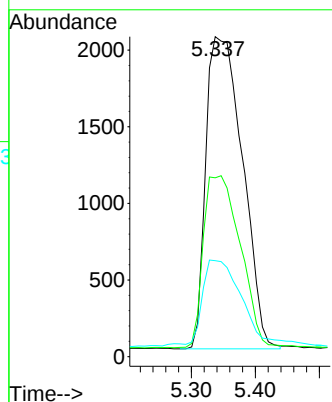
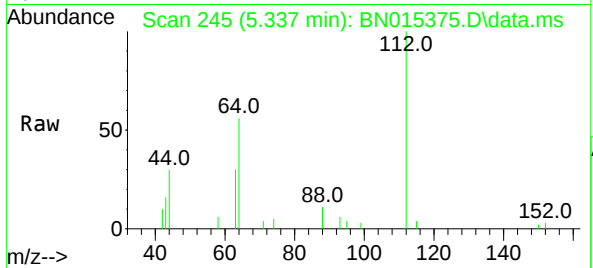




#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

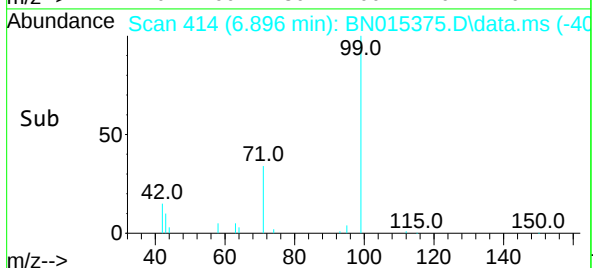
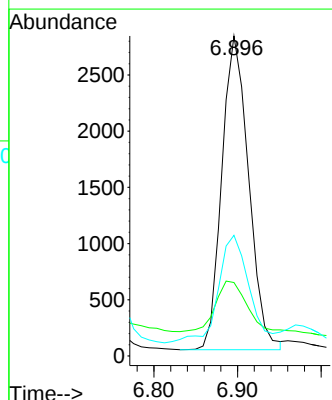
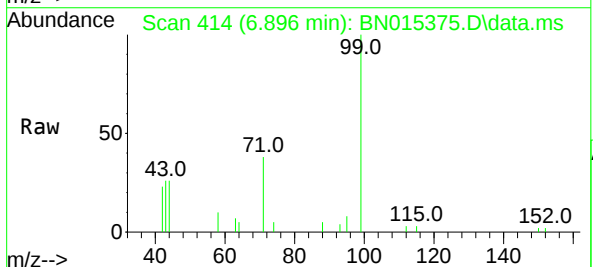
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-11.5-070121

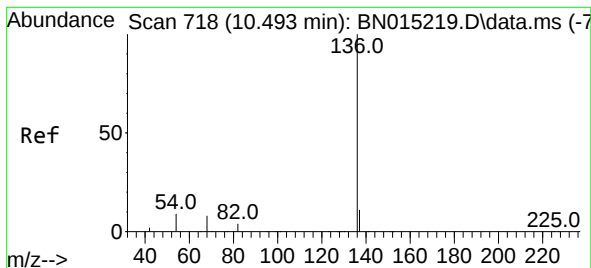
Tgt Ion: 112 Resp: 8127
Ion Ratio Lower Upper
112 100
64 55.5 39.0 58.6
63 29.3 20.6 30.8



#5
Phenol-d6
Concen: 0.108 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Tgt Ion: 99 Resp: 6203
Ion Ratio Lower Upper
99 100
42 18.5 8.9 13.3#
71 38.9 35.6 53.4

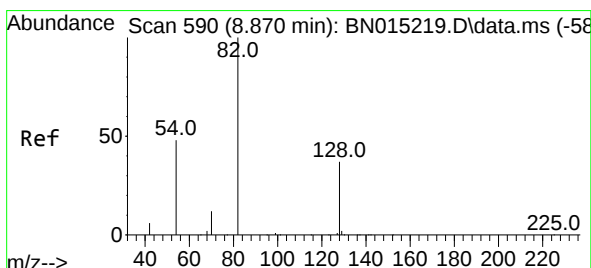
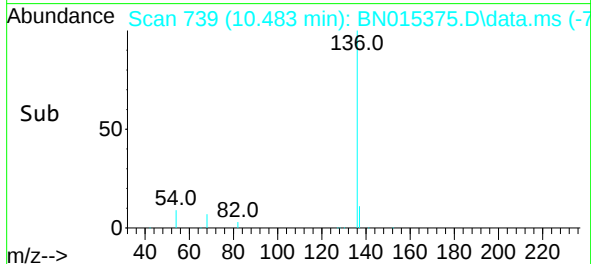
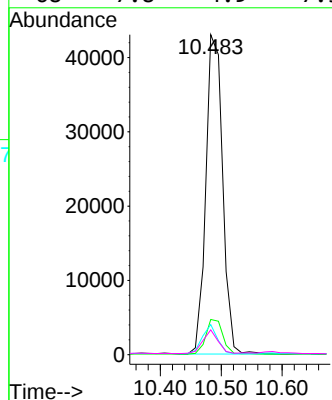
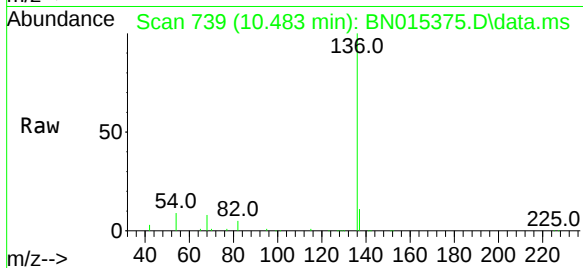




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

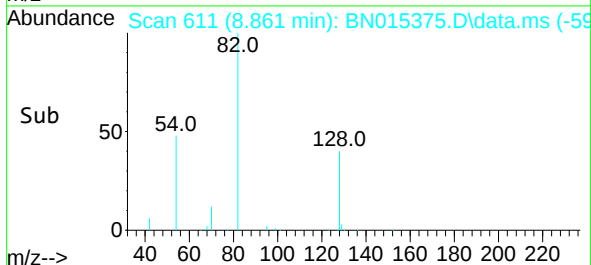
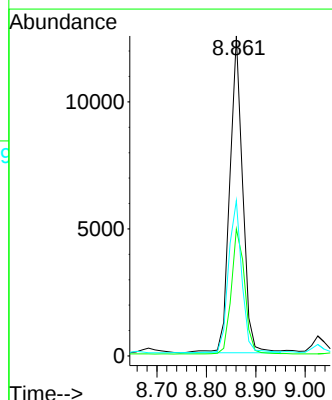
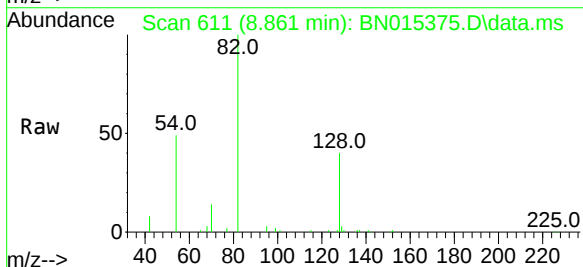
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-11.5-070121

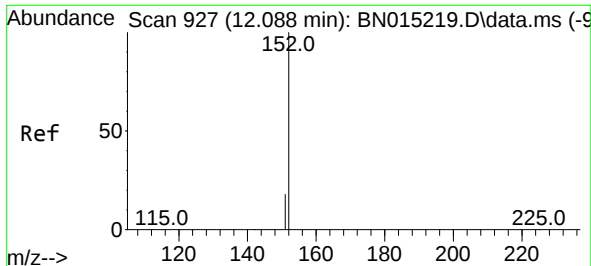
Tgt Ion:	136	Resp:	82686
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	9.4	5.4	8.2#
68	7.8	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.489 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Tgt Ion:	82	Resp:	22644
Ion Ratio	Lower	Upper	
82	100		
128	39.7	31.6	47.4
54	48.5	29.0	43.4#

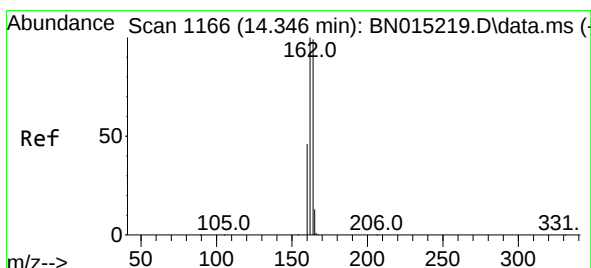
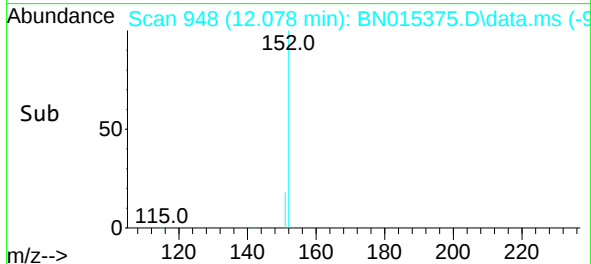
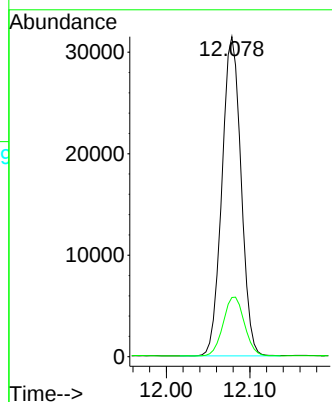
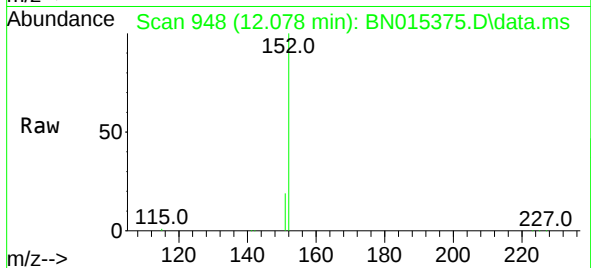




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

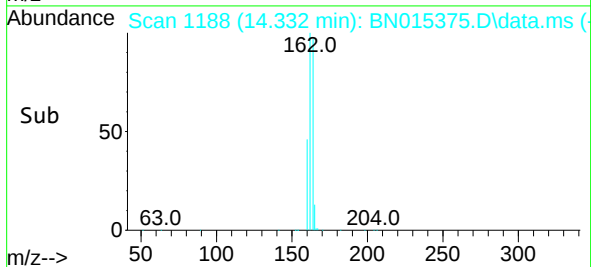
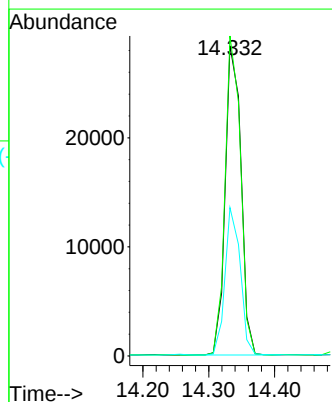
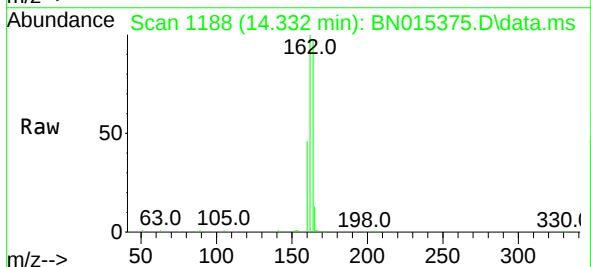
Instrument :
BNA_N
ClientSampleId :
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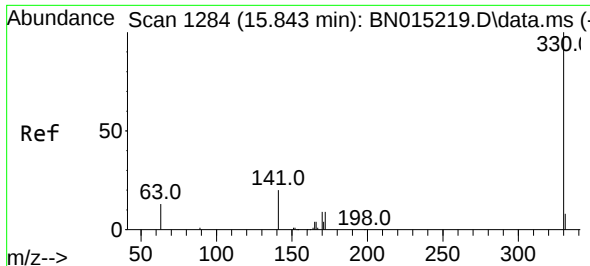
Tgt Ion:152 Resp: 50057
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

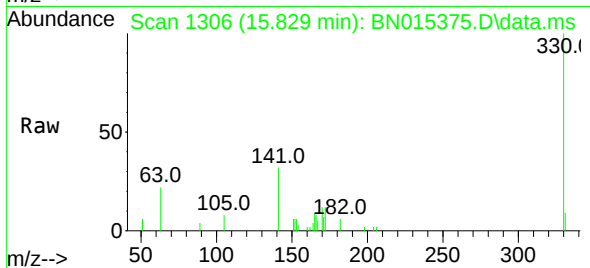
Tgt Ion:164 Resp: 46993
Ion Ratio Lower Upper
164 100
162 103.1 83.8 125.6
160 47.8 37.4 56.0



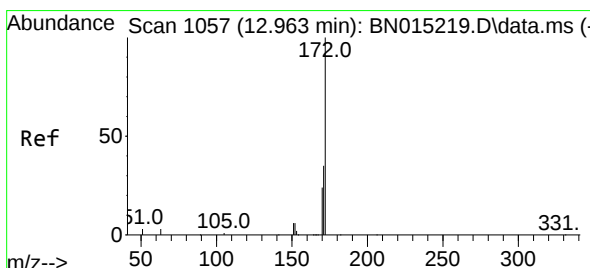
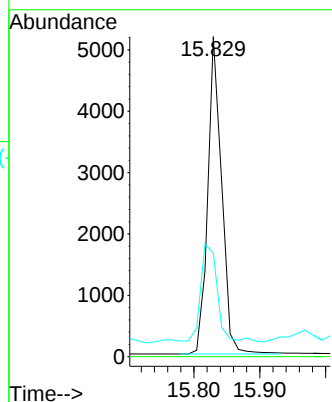
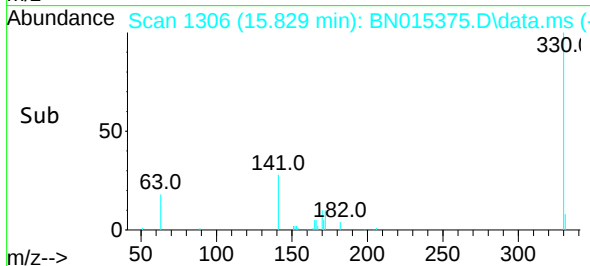


#14
2,4,6-Tribromophenol
Concen: 0.593 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

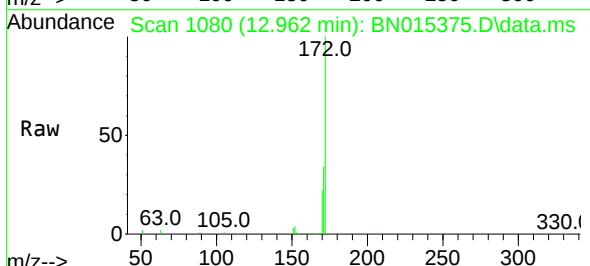
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-11.5-070121



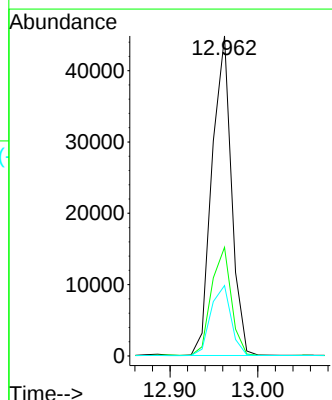
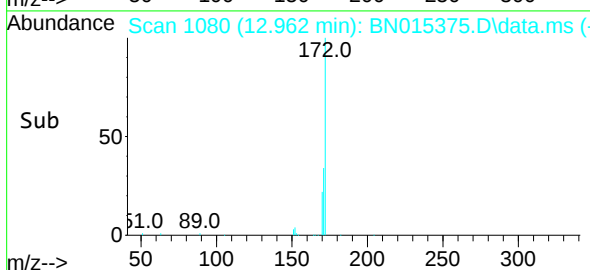
Tgt Ion: 330 Resp: 7559
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 22.4 33.6#

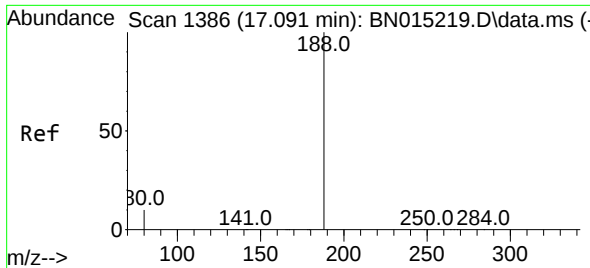


#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58



Tgt Ion: 172 Resp: 68889
Ion Ratio Lower Upper
172 100
171 34.0 30.6 45.8
170 22.0 20.2 30.4

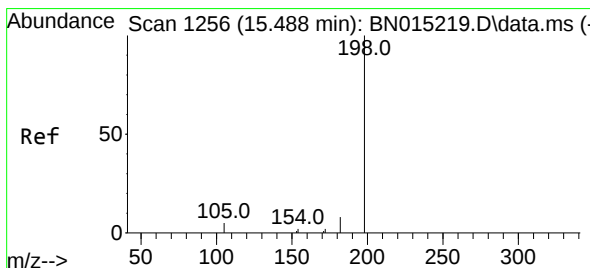
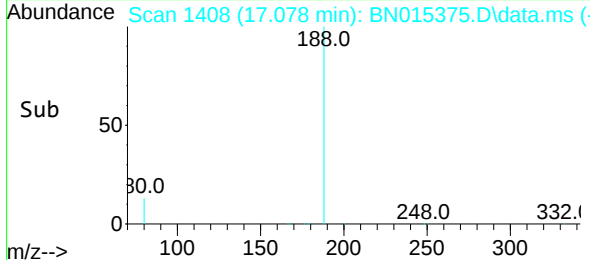
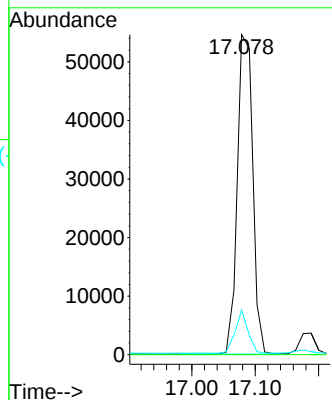
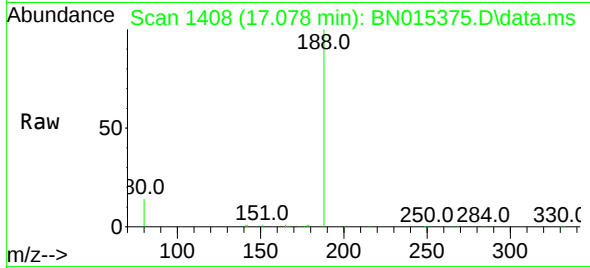




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

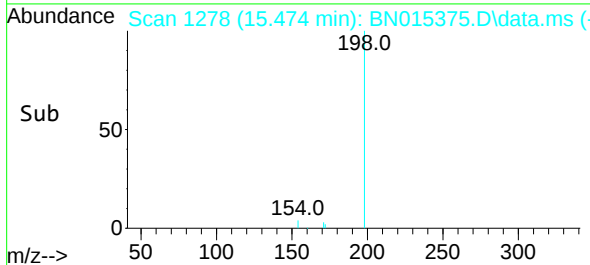
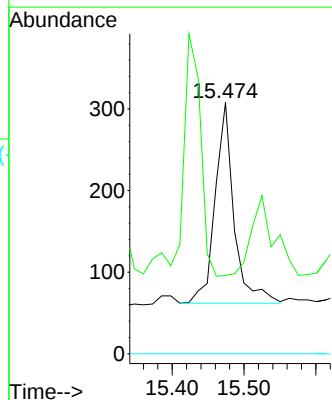
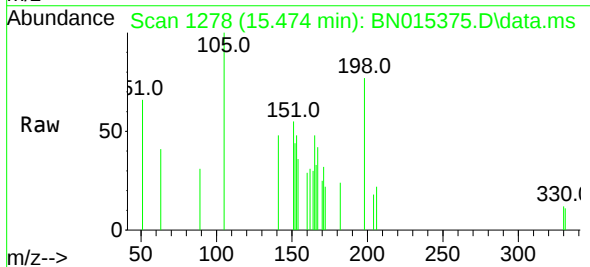
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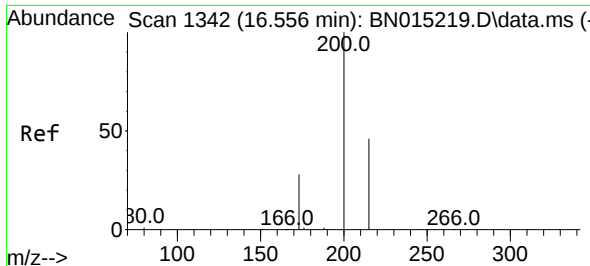
Tgt Ion:188 Resp: 92732
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.446 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Tgt Ion:198 Resp: 448
Ion Ratio Lower Upper
198 100
182 31.2 34.5 51.7#
77 0.0 0.0 0.0

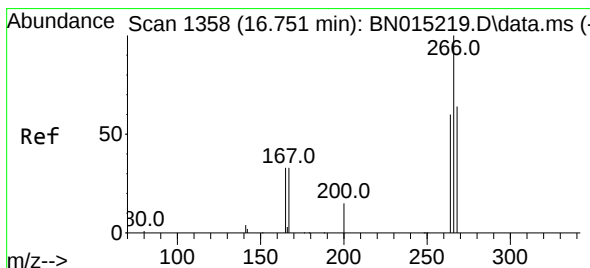
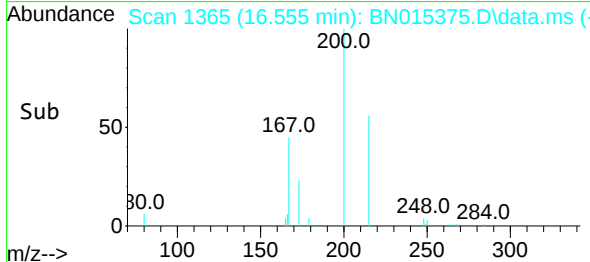
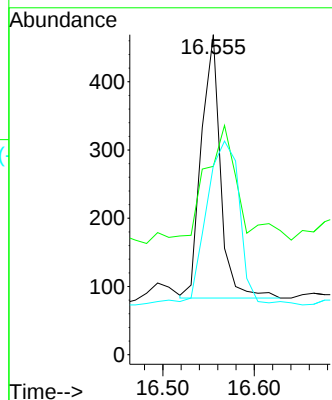
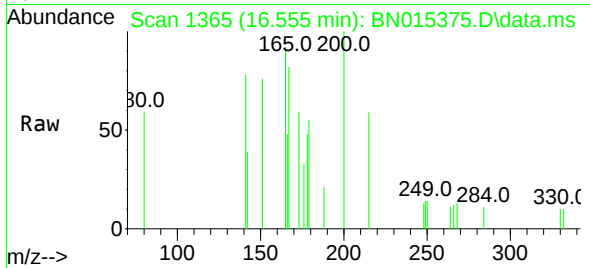




#23
Atrazine
Concen: 0.184 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

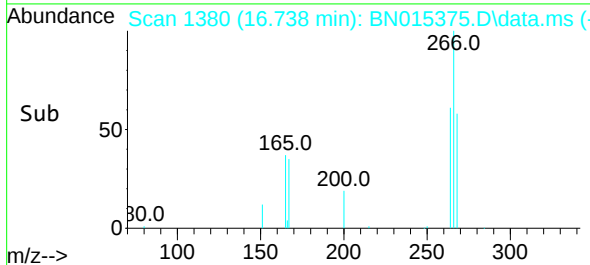
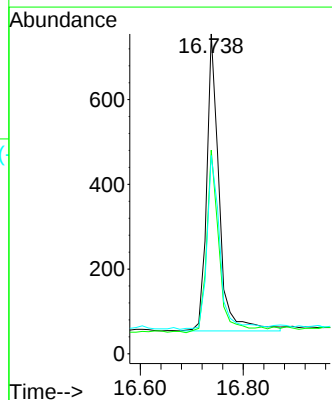
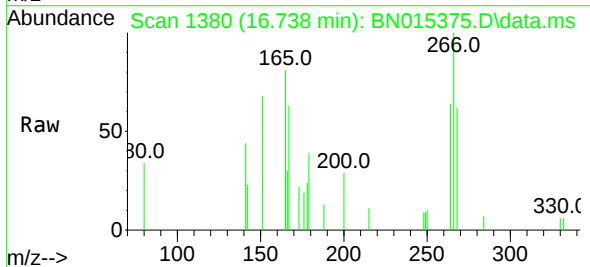
Instrument :
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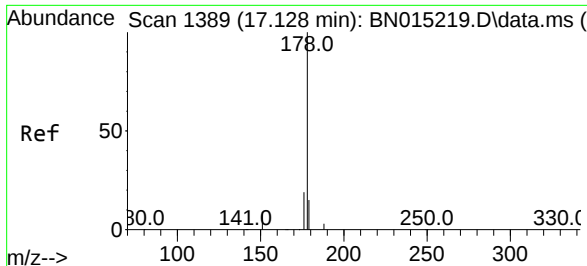
Tgt Ion:200 Resp: 562
Ion Ratio Lower Upper
200 100
173 58.8 21.7 32.5#
215 59.1 43.1 64.7



#24
Pentachlorophenol
Concen: 0.349 ng
RT: 16.738 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

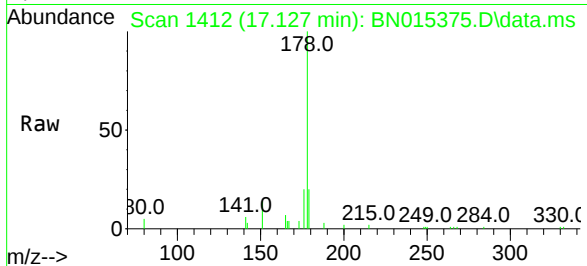
Tgt Ion:266 Resp: 1182
Ion Ratio Lower Upper
266 100
264 60.6 51.0 76.4
268 60.0 50.6 76.0





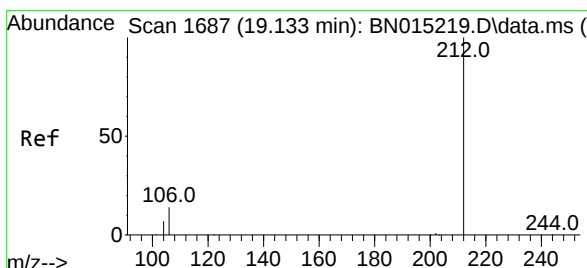
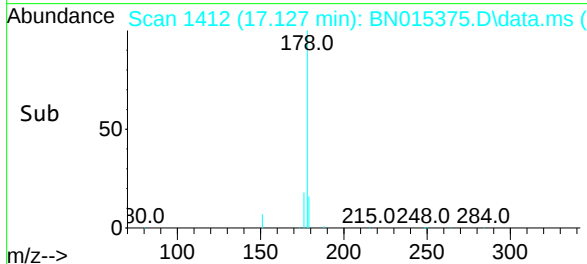
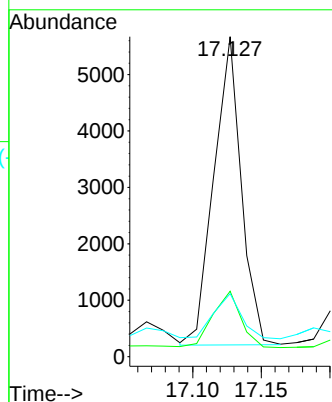
#25
Phenanthrene
Concen: 0.025 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-11.5-070121



Tgt Ion:178 Resp: 7567

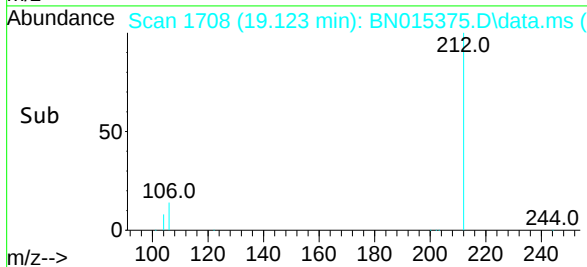
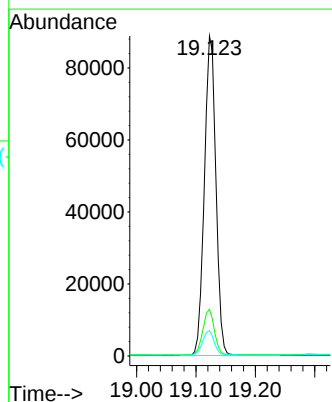
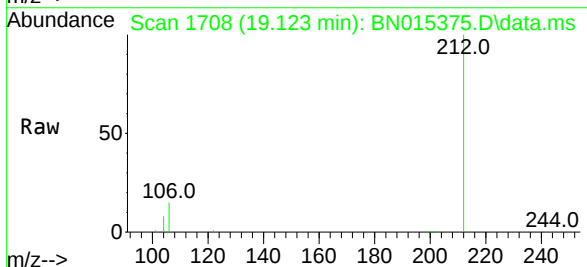
Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.6	23.4
179	15.8	12.1	18.1

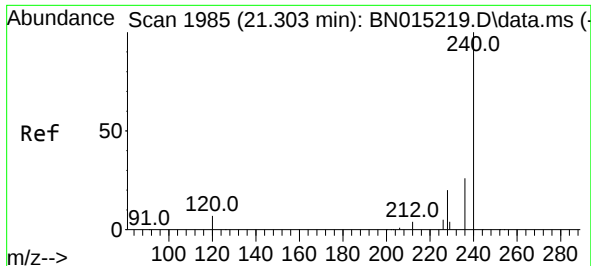


#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Tgt Ion:212 Resp: 119735

Ion	Ratio	Lower	Upper
212	100		
106	14.2	7.0	10.6#
104	7.8	4.1	6.1#

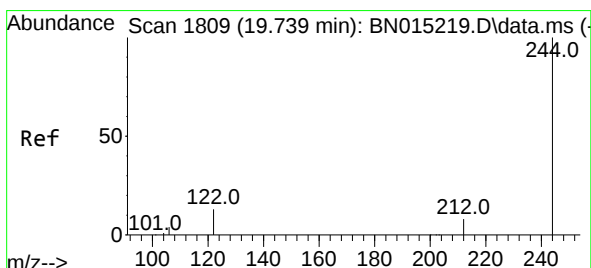
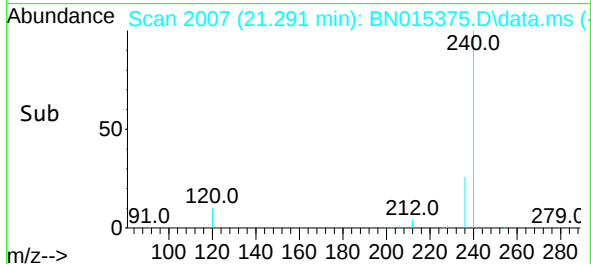
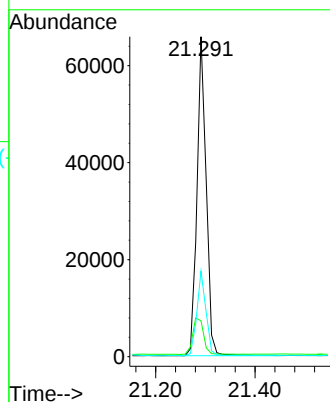
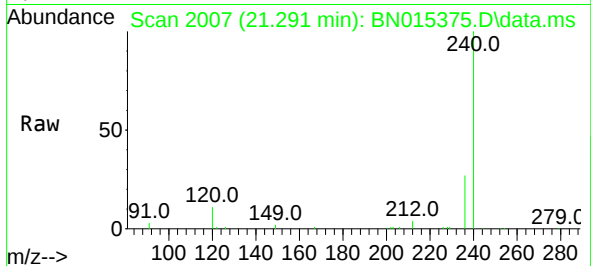




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

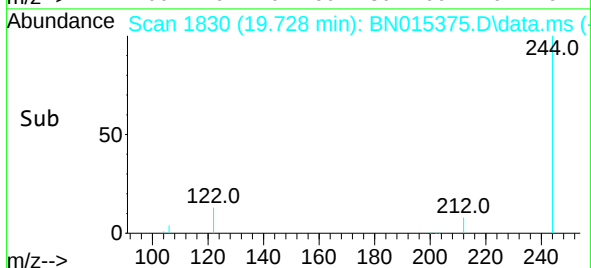
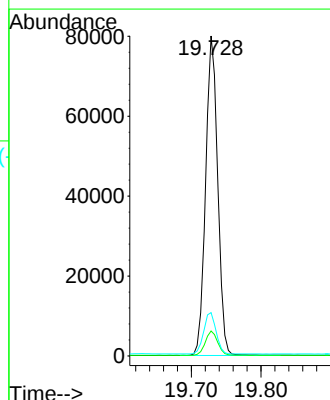
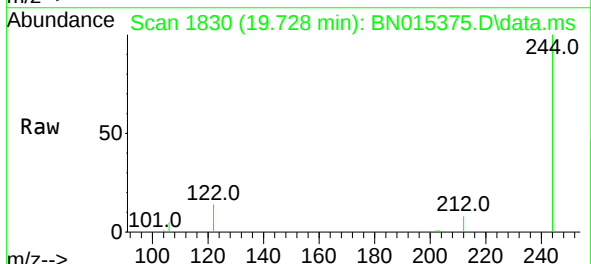
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-11.5-070121

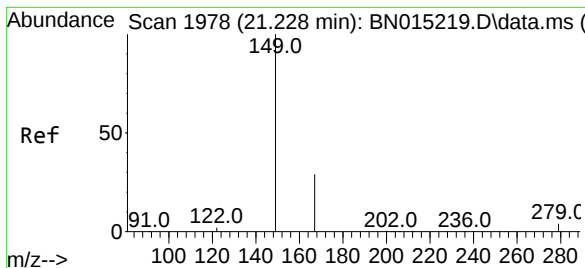
Tgt Ion:240 Resp: 84534
Ion Ratio Lower Upper
240 100
120 11.2 4.2 6.4#
236 26.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.728 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN015375.D
Acq: 07 Jul 2021 15:58

Tgt Ion:244 Resp: 96269
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.5 6.2 9.2#

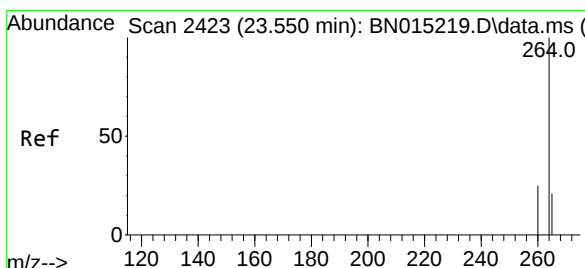
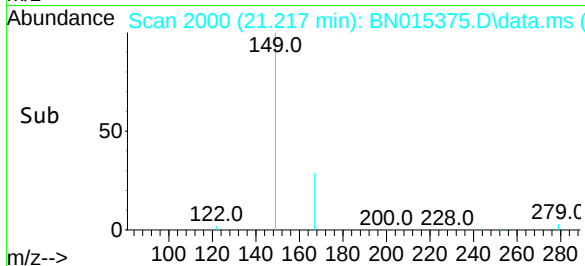
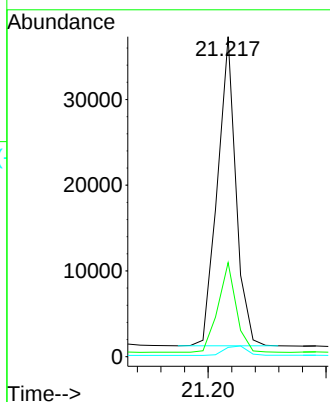
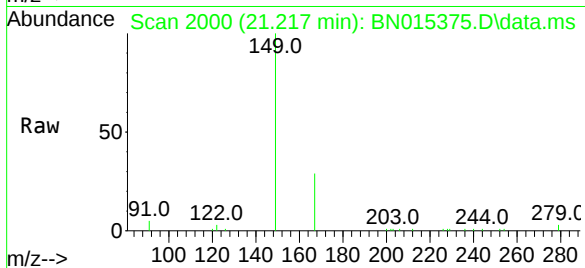




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.523 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.011 min
 Lab File: BN015375.D
 Acq: 07 Jul 2021 15:58

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-11.5-070121

Tgt Ion:149 Resp: 39288
 Ion Ratio Lower Upper
 149 100
 167 28.4 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. 0.010 min
 Lab File: BN015375.D
 Acq: 07 Jul 2021 15:58

Tgt Ion:264 Resp: 82402
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 31.0
 265 23.0 21.4 32.2

