

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015376.D
 Acq On : 07 Jul 2021 16:35
 Operator : CG/JU
 Sample : M2923-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12B-070121

Quant Time: Jul 07 17:08:17 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)

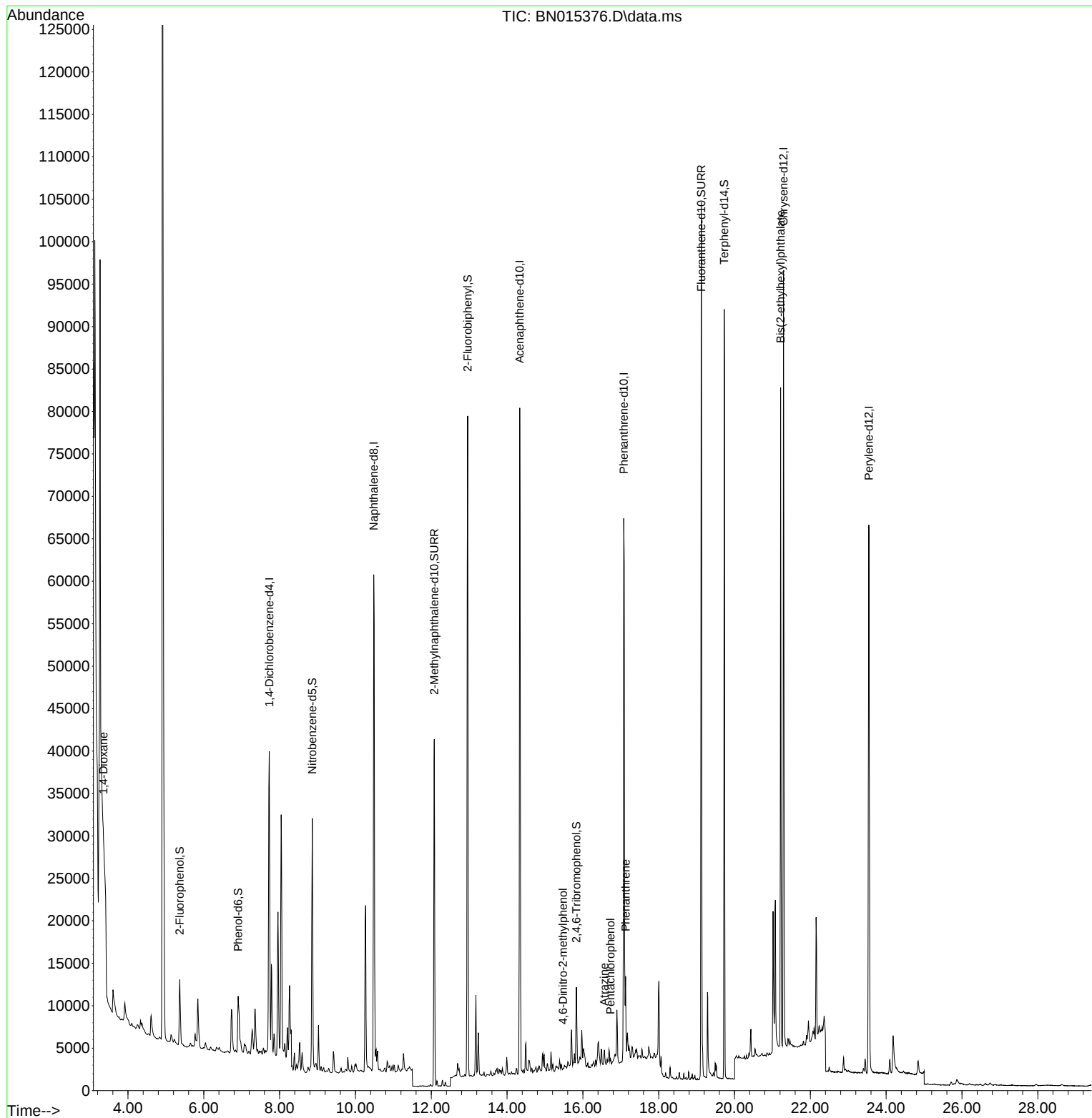
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	18489	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	86083	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	48230	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	94402	0.400	ng	# 0.00
29) Chrysene-d12	21.291	240	86132	0.400	ng	# 0.00
35) Perylene-d12	23.543	264	84076	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	8309	0.176	ng	0.03
5) Phenol-d6	6.905	99	6006	0.101	ng	0.00
8) Nitrobenzene-d5	8.861	82	24558	0.509	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	53727	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6512	0.533	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	71896	0.367	ng	0.00
27) Fluoranthene-d10	19.123	212	113745	0.408	ng	0.00
31) Terphenyl-d14	19.728	244	88139	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	581	0.067	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.474	198	18	0.202	ng	# 1
23) Atrazine	16.567	200	96	0.175	ng	# 1
24) Pentachlorophenol	16.726	266	446	0.282	ng	# 40
25) Phenanthrene	17.127	178	10043	0.033	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	62861	0.721	ng	# 88

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

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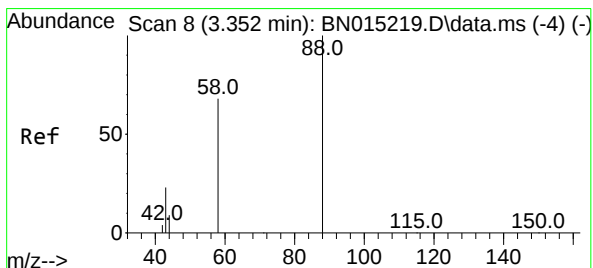
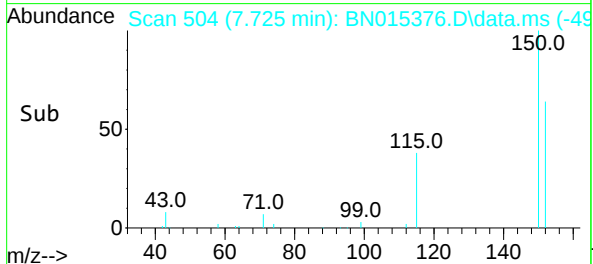
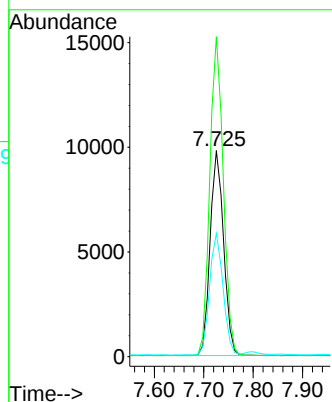
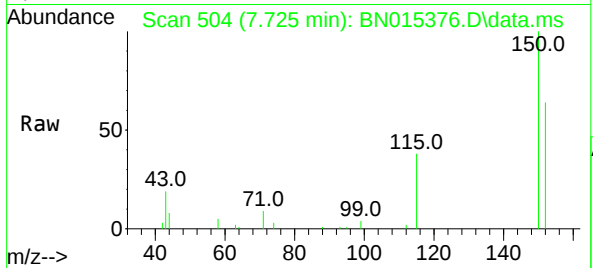




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015376.D
 Acq: 07 Jul 2021 16:35

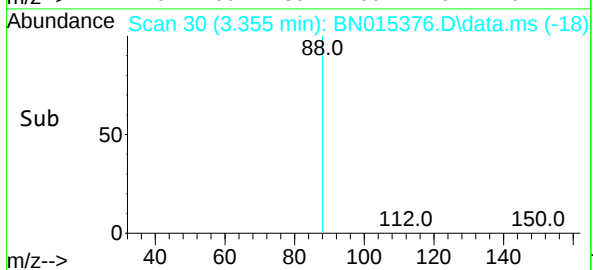
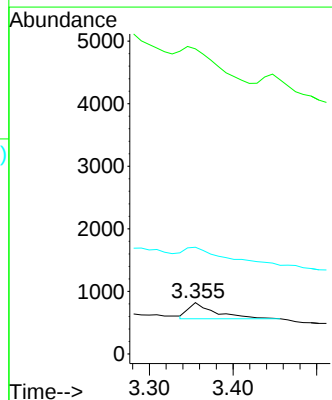
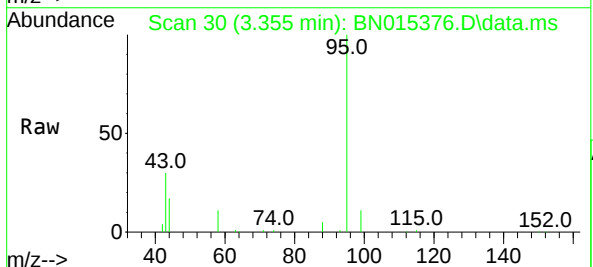
Instrument :
 BNA_N
 ClientSampleId :
 MW-12B-070121

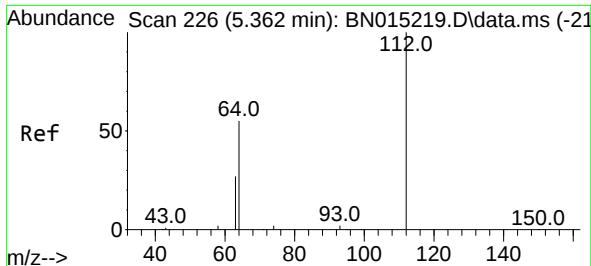
Tgt Ion:152 Resp: 18489
 Ion Ratio Lower Upper
 152 100
 150 155.3 119.0 178.6
 115 59.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.067 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BN015376.D
 Acq: 07 Jul 2021 16:35

Tgt Ion: 88 Resp: 581
 Ion Ratio Lower Upper
 88 100
 43 0.0 12.9 19.3#
 58 179.3 38.1 57.1#

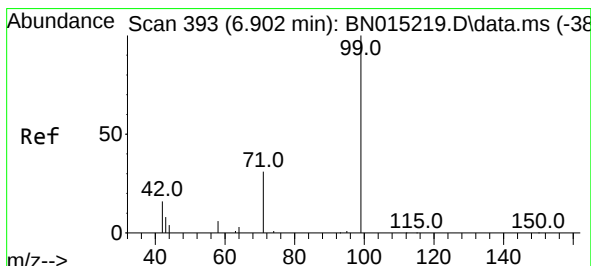
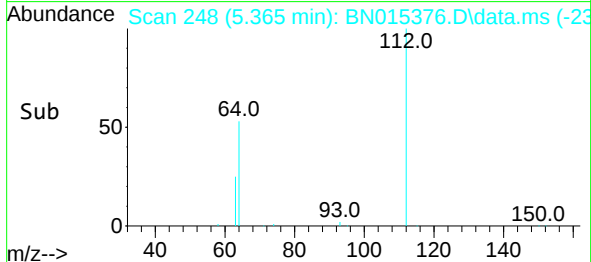
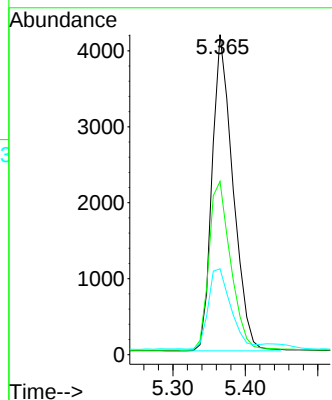
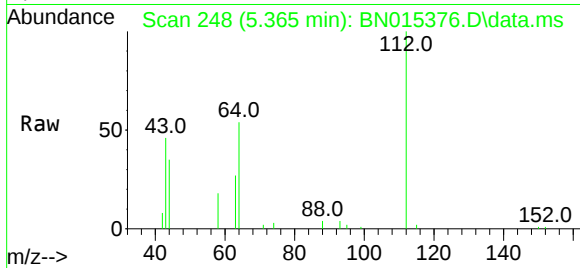




#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.028 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

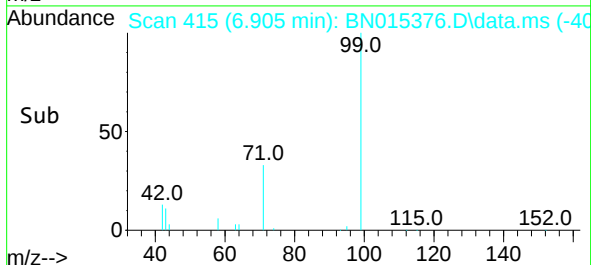
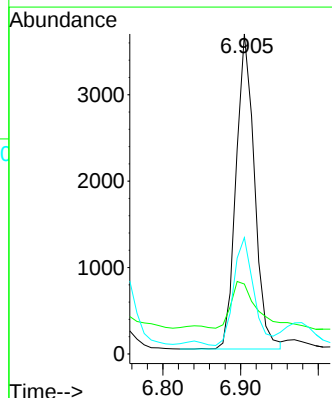
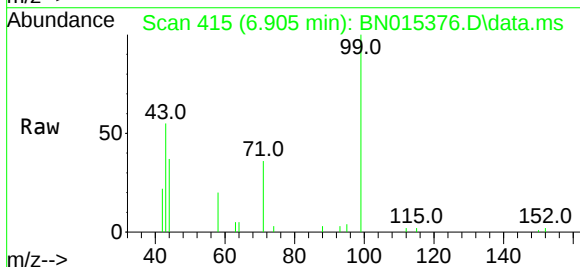
Instrument :
BNA_N
ClientSampleId :
MW-12B-070121

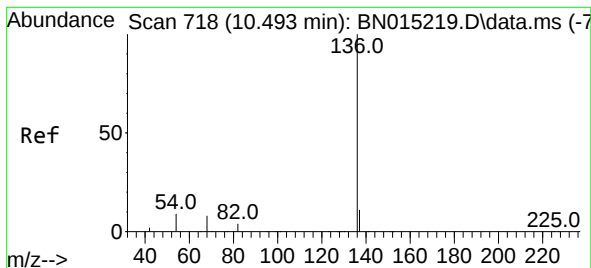
Tgt Ion: 112 Resp: 8309
Ion Ratio Lower Upper
112 100
64 55.9 39.0 58.6
63 27.9 20.6 30.8



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion: 99 Resp: 6006
Ion Ratio Lower Upper
99 100
42 19.6 8.9 13.3#
71 37.3 35.6 53.4

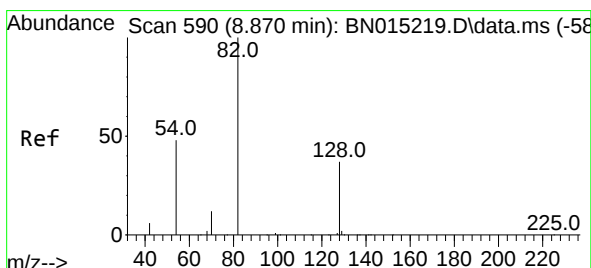
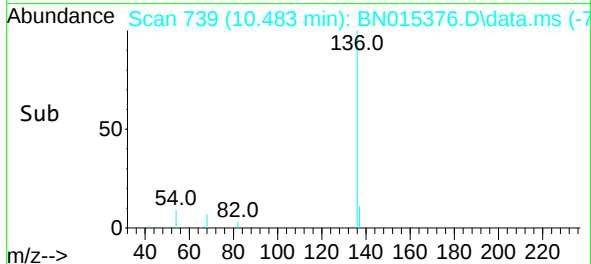
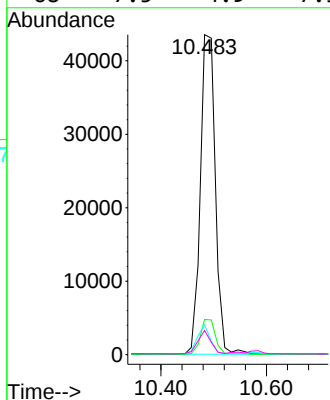
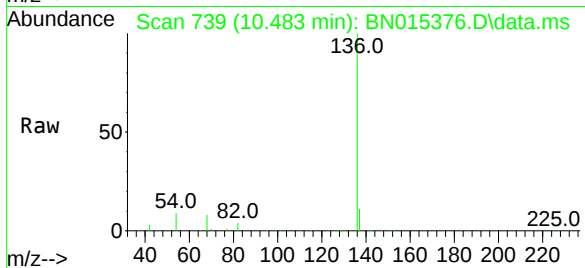




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

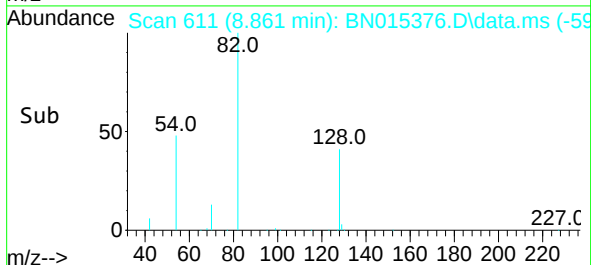
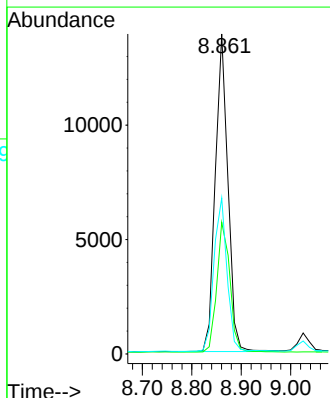
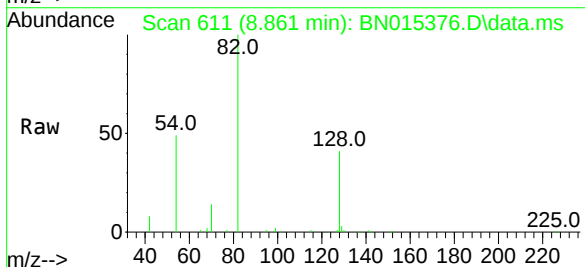
Instrument :
BNA_N
ClientSampleId :
MW-12B-070121

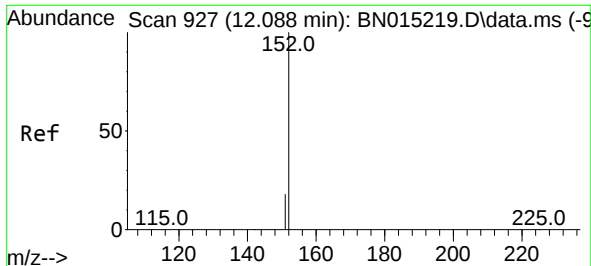
Tgt Ion:	136	Resp:	86083
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	9.3	5.4	8.2#
68	7.5	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.509 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion:	82	Resp:	24558
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.6	47.4
54	48.8	29.0	43.4#

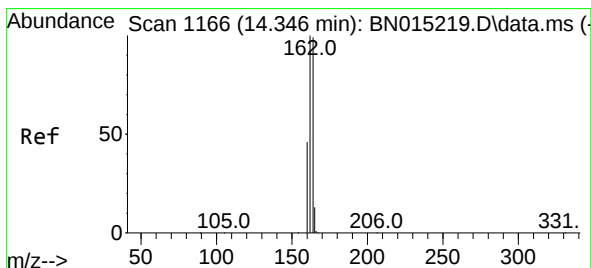
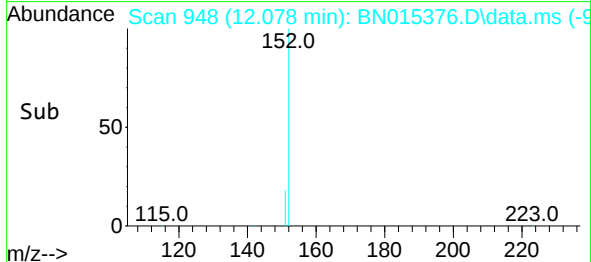
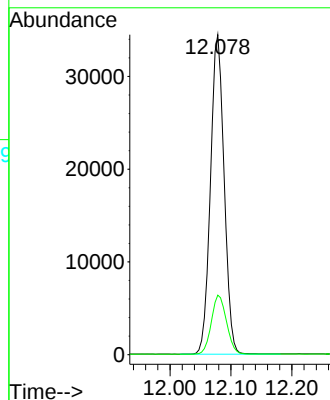
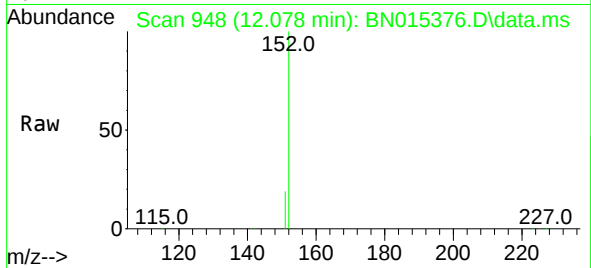




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

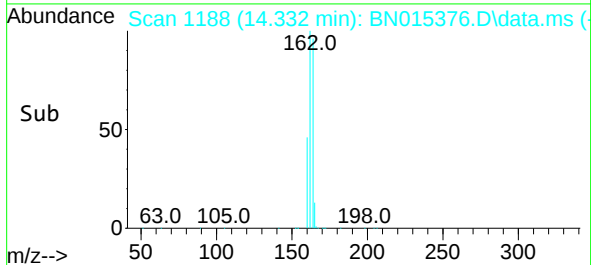
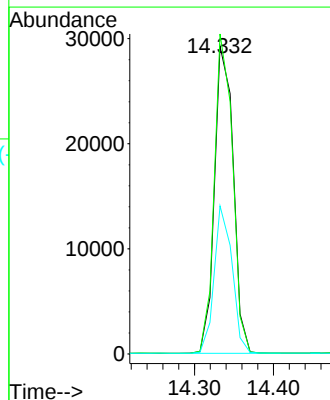
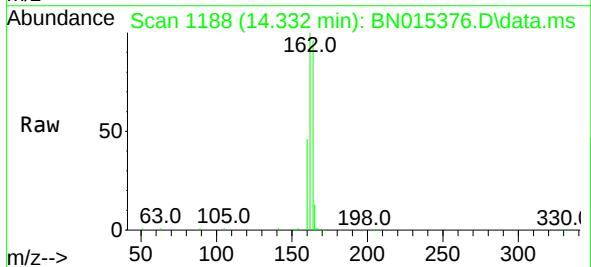
Instrument :
BNA_N
ClientSampleId :
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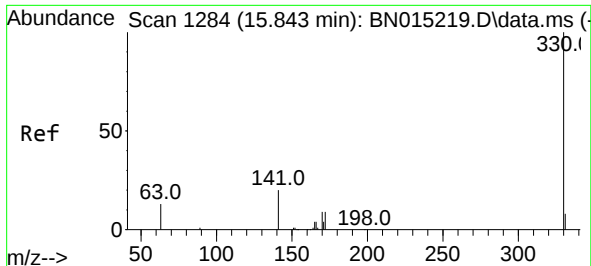
Tgt Ion:152 Resp: 53727
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion:164 Resp: 48230
Ion Ratio Lower Upper
164 100
162 104.0 83.8 125.6
160 48.1 37.4 56.0

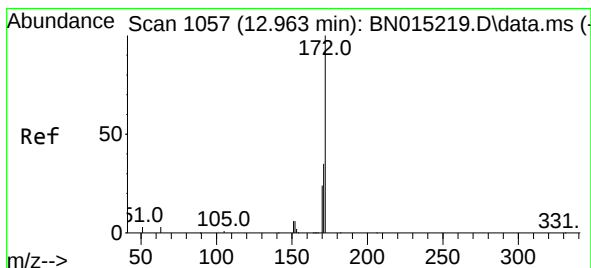
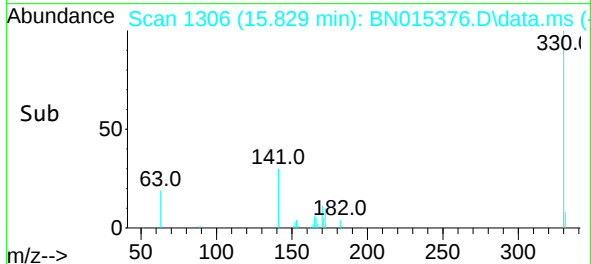
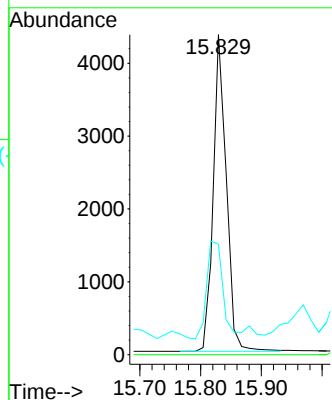
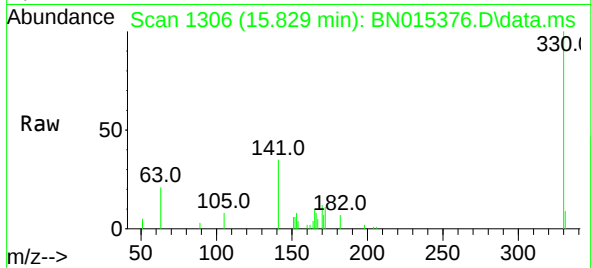




#14
2,4,6-Tribromophenol
Concen: 0.533 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

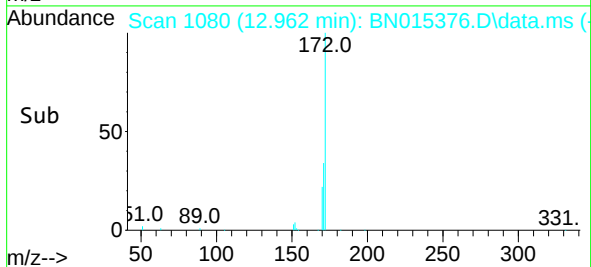
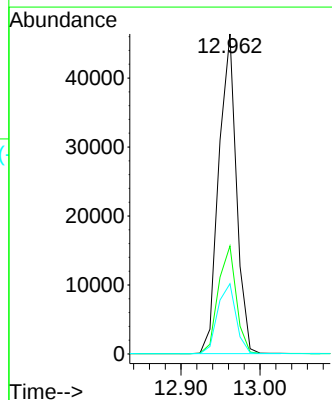
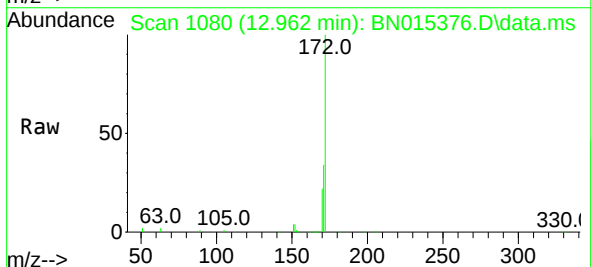
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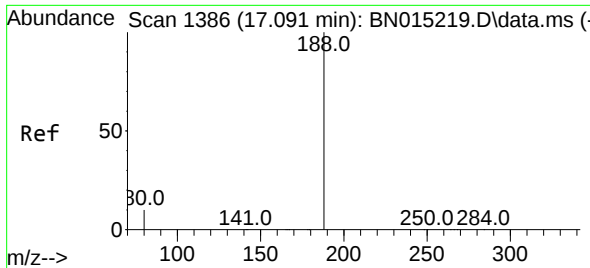
Tgt Ion: 330 Resp: 6512
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion: 172 Resp: 71896
Ion Ratio Lower Upper
172 100
171 33.7 30.6 45.8
170 21.9 20.2 30.4

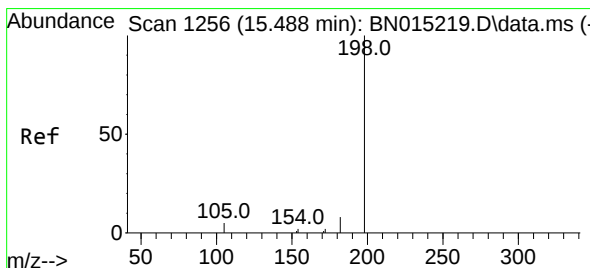
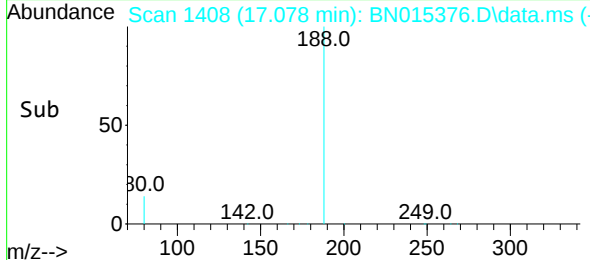
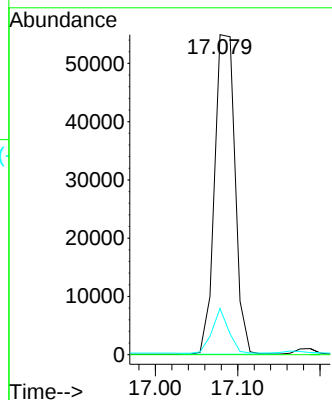
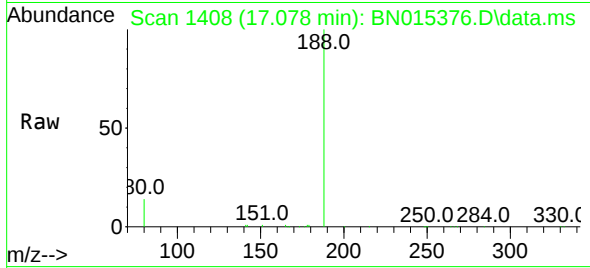




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

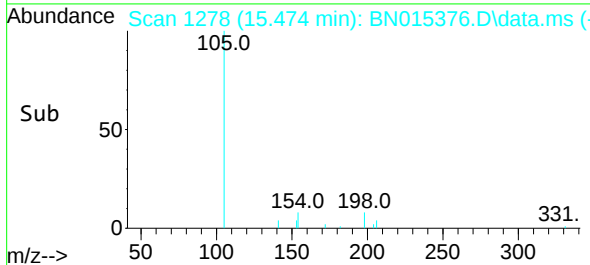
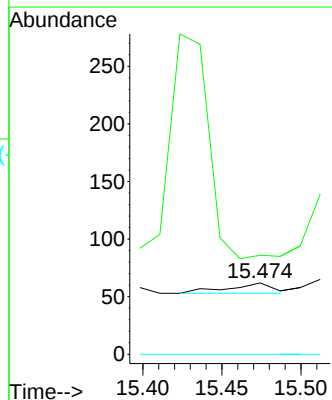
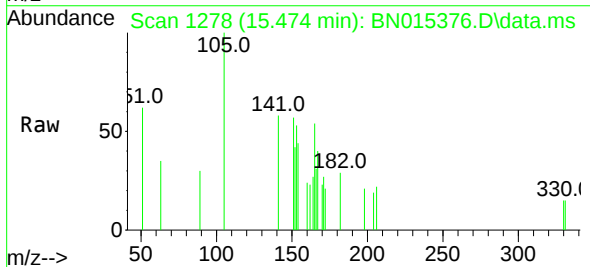
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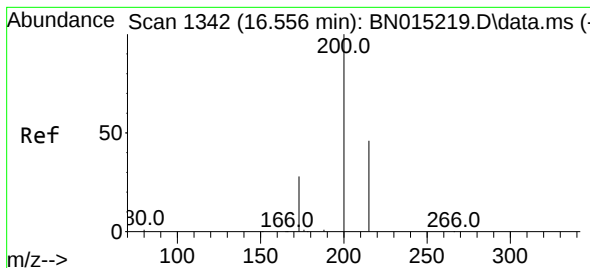
Tgt Ion:188 Resp: 94402
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 138.7 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.175 ng

RT: 16.567 min Scan# 1366

Delta R.T. 0.024 min

Lab File: BN015376.D

Acq: 07 Jul 2021 16:35

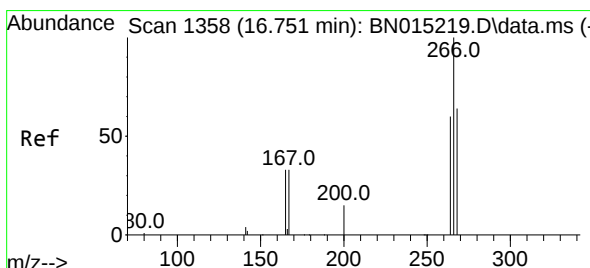
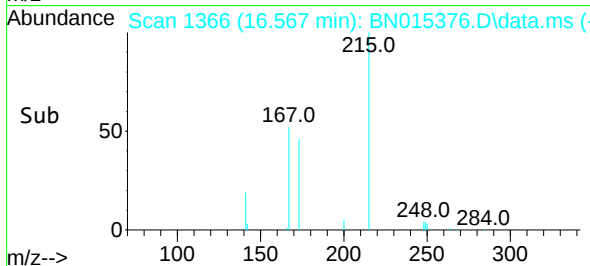
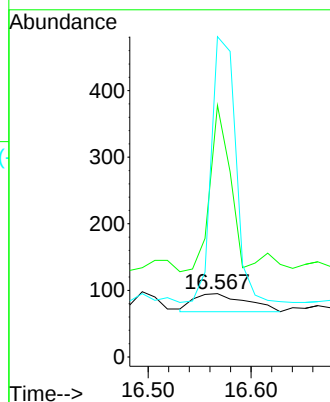
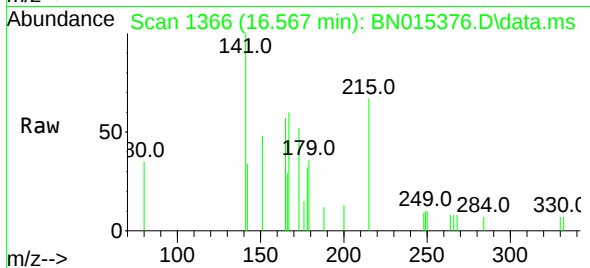
Tgt Ion:	200	Resp:	96
Ion Ratio	Lower	Upper	
200	100		
173	397.9	21.7	32.5#
215	506.3	43.1	64.7#

Instrument :

BNA_N

ClientSampleId :

MW-12B-070121



#24

Pentachlorophenol

Concen: 0.282 ng

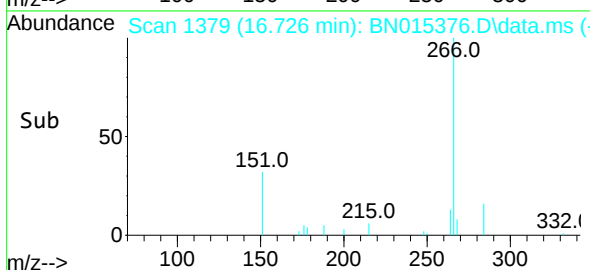
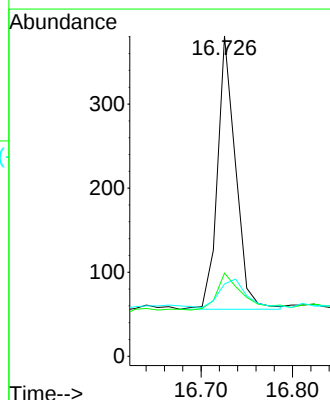
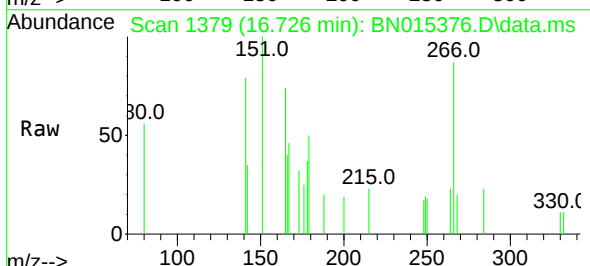
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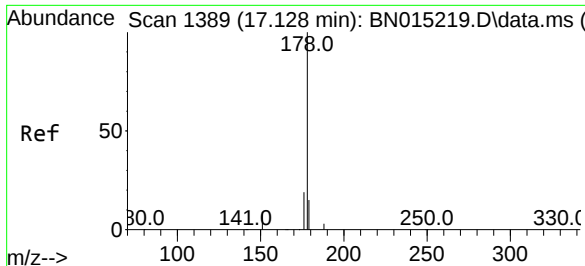
Delta R.T. -0.012 min

Lab File: BN015376.D

Acq: 07 Jul 2021 16:35

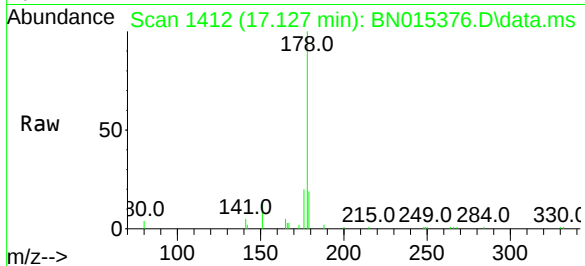
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Ion Ratio	Lower	Upper	
266	100		
264	18.2	51.0	76.4#
268	15.2	50.6	76.0#



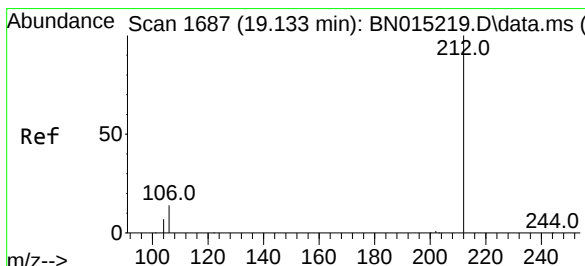
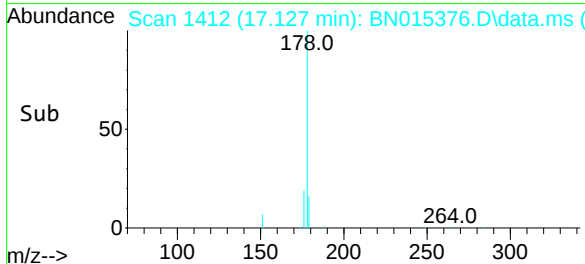
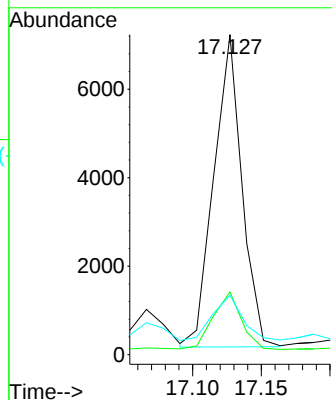


#25
Phenanthrene
Concen: 0.033 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Instrument :
BNA_N
ClientSampleId :
MW-12B-070121

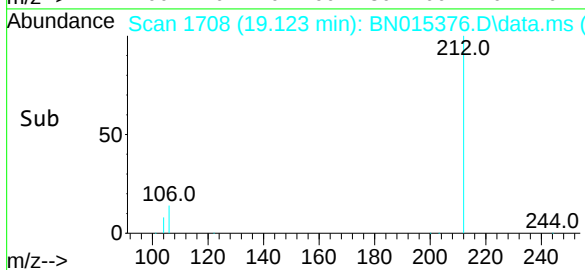
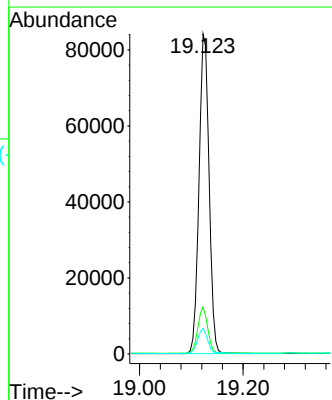
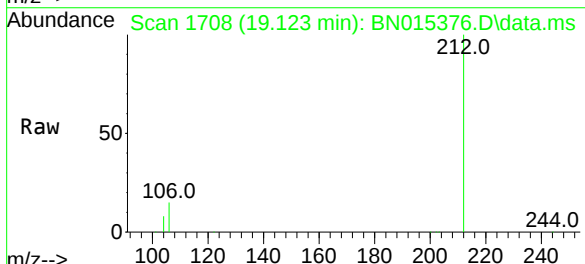


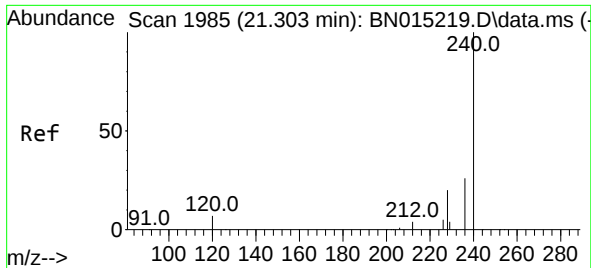
Tgt Ion:178 Resp: 10043
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 16.1 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion:212 Resp: 113745
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.8 4.1 6.1#

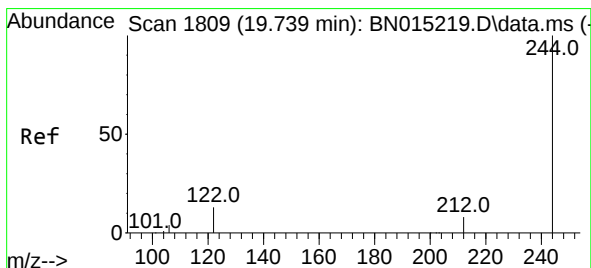
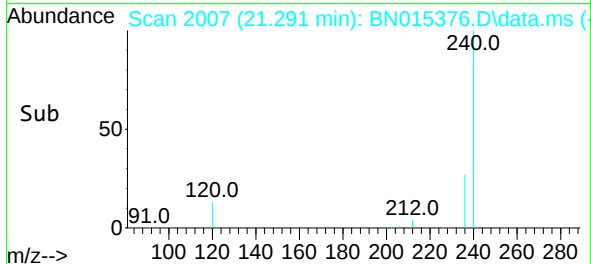
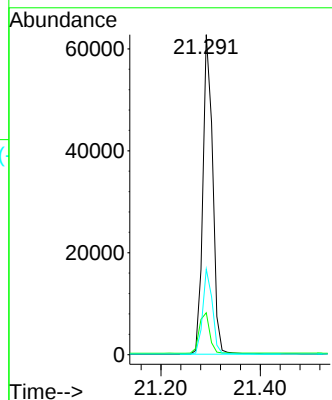
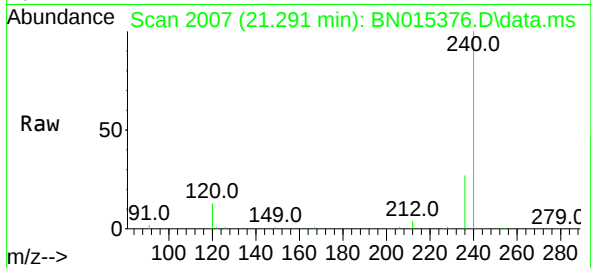




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

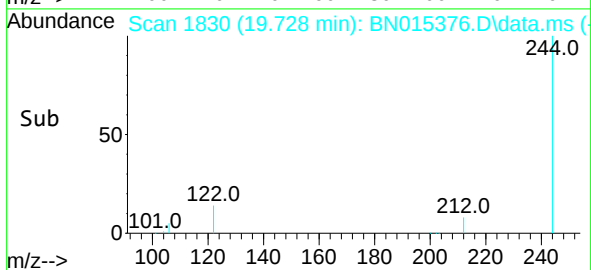
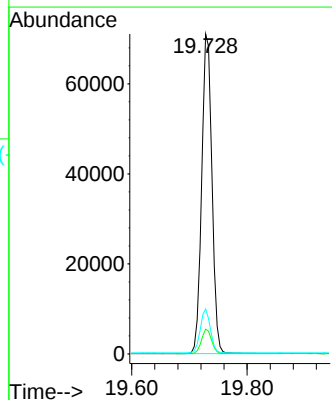
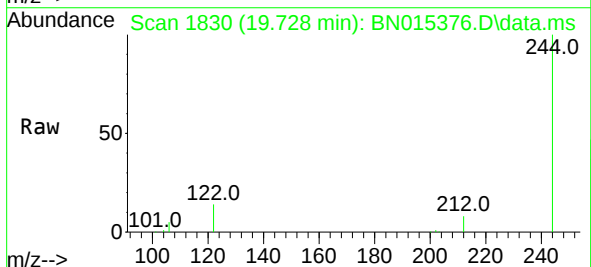
Instrument :
BNA_N
ClientSampleId :
MW-12B-070121

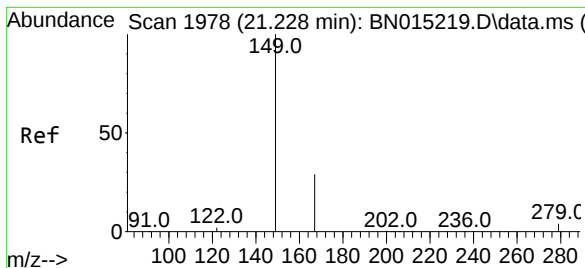
Tgt Ion:240 Resp: 86132
Ion Ratio Lower Upper
240 100
120 13.1 4.2 6.4#
236 26.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.728 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN015376.D
Acq: 07 Jul 2021 16:35

Tgt Ion:244 Resp: 88139
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.0 6.2 9.2#

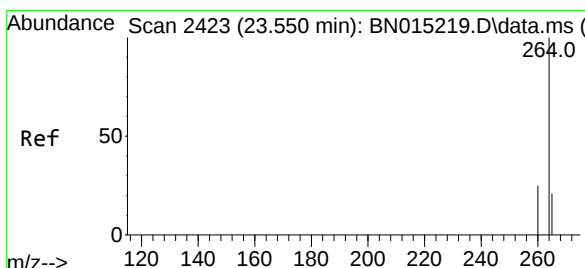
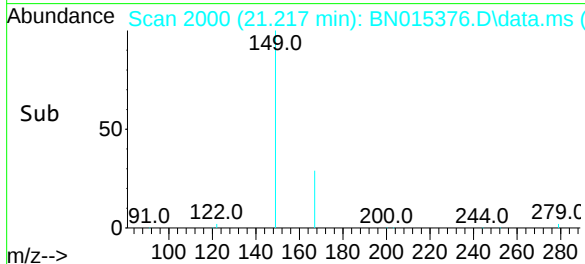
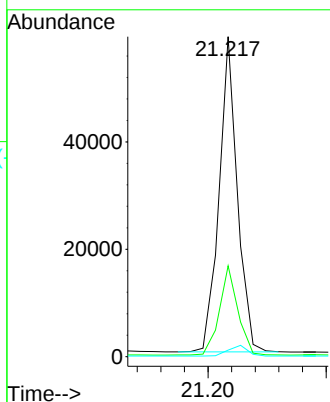
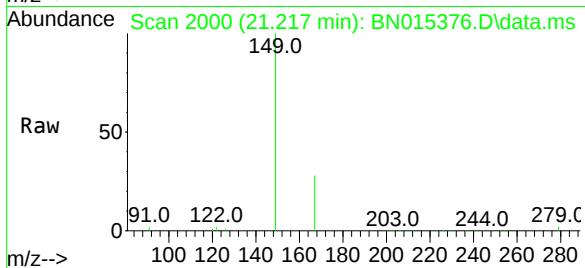




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.721 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.011 min
 Lab File: BN015376.D
 Acq: 07 Jul 2021 16:35

Instrument :
 BNA_N
 ClientSampleId :
 MW-12B-070121

Tgt Ion:149 Resp: 62861
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.6 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2444
 Delta R.T. 0.014 min
 Lab File: BN015376.D
 Acq: 07 Jul 2021 16:35

Tgt Ion:264 Resp: 84076
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 31.0
 265 22.8 21.4 32.2

