

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015371.D
 Acq On : 07 Jul 2021 13:32
 Operator : CG/JU
 Sample : M2898-03DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921DL

Quant Time: Jul 07 14:00:47 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)

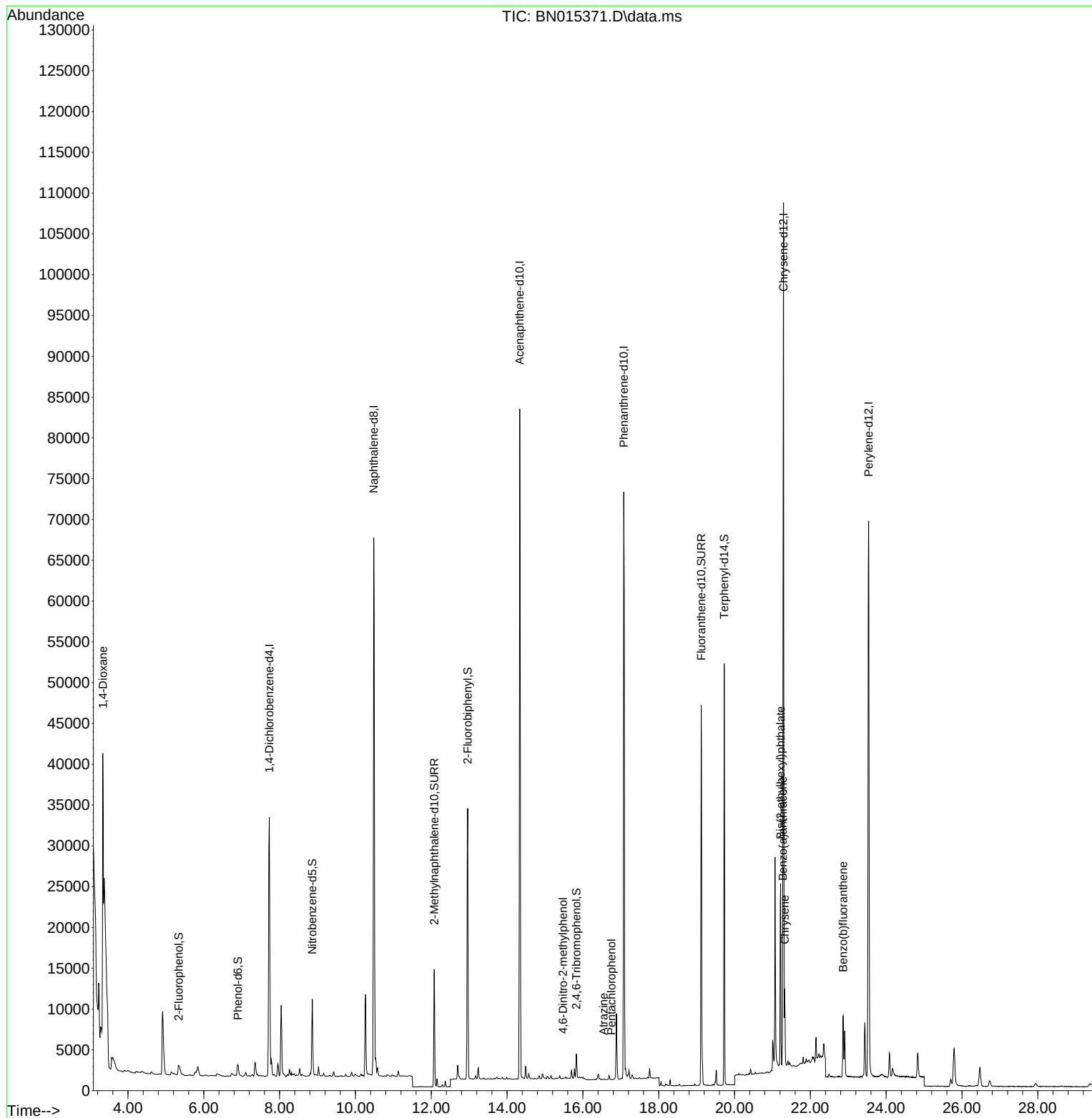
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.726	152	20466	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	94419	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	51312	0.400	ng	0.00
19) Phenanthrene-d10	17.079	188	102313	0.400	ng	0.00
29) Chrysene-d12	21.291	240	95608	0.400	ng	# 0.00
35) Perylene-d12	23.536	264	91106	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	2315	0.044	ng	0.00
5) Phenol-d6	6.896	99	1707	0.026	ng	0.00
8) Nitrobenzene-d5	8.861	82	7985	0.151	ng	0.00
11) 2-Methylnaphthalene-d10	12.079	152	19221	0.123	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	2272	0.322	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	31110	0.149	ng	0.00
27) Fluoranthene-d10	19.123	212	52333	0.173	ng	0.00
31) Terphenyl-d14	19.728	244	48149	0.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	27954	2.913	ng	# 61
20) 4,6-Dinitro-2-methylph...	15.474	198	6	0.194	ng	# 11
23) Atrazine	16.543	200	6	0.173	ng	# 10
24) Pentachlorophenol	16.750	266	15	0.243	ng	# 19
32) Benzo(a)anthracene	21.270	228	7558	0.023	ng	98
33) Chrysene	21.323	228	7172	0.020	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	22969	0.346	ng	# 88
37) Benzo(b)fluoranthene	22.862	252	7696	0.022	ng	# 65

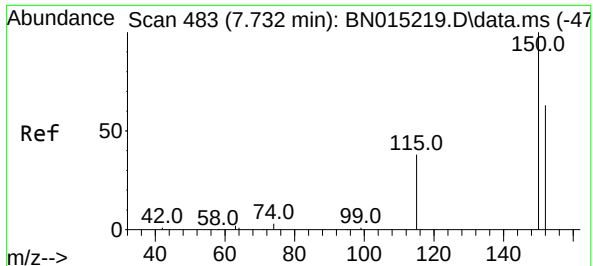
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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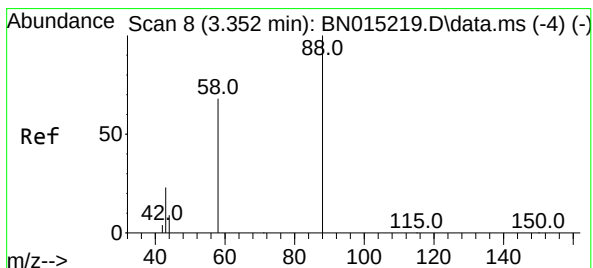
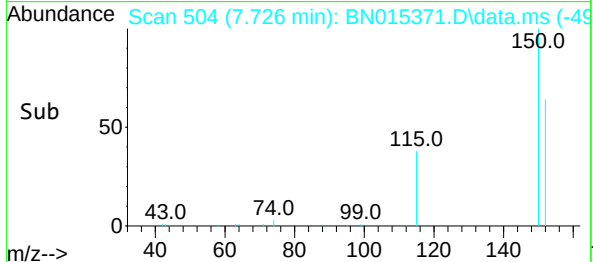
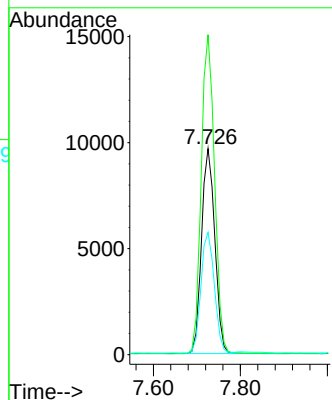
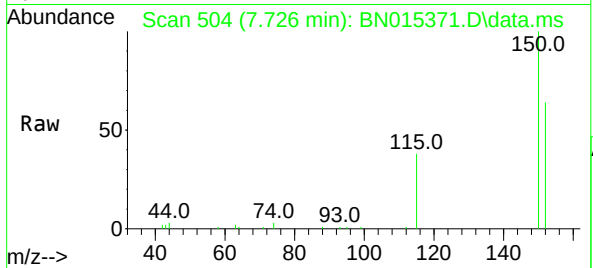




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.726 min Scan# 504
 Delta R.T. 0.001 min
 Lab File: BN015371.D
 Acq: 07 Jul 2021 13:32

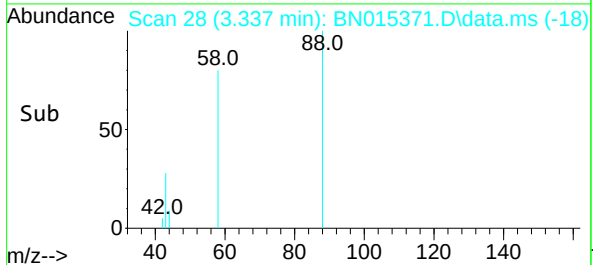
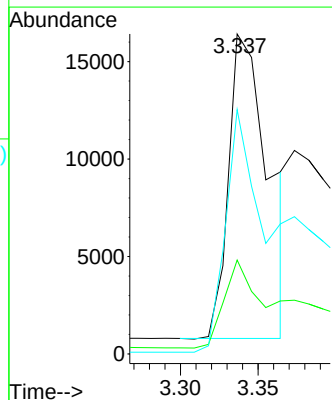
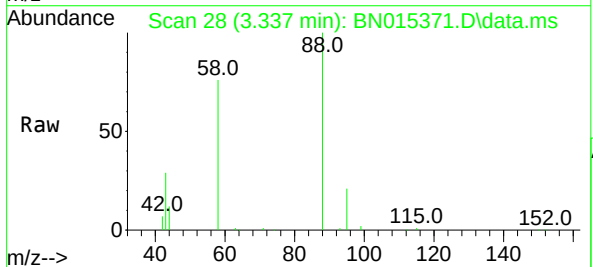
Instrument :
 BNA_N
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 MW-10B-062921DL

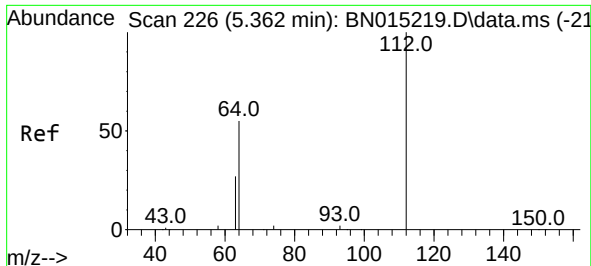
Tgt Ion: 152 Resp: 20466
 Ion Ratio Lower Upper
 152 100
 150 155.3 119.0 178.6
 115 59.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.913 ng
 RT: 3.337 min Scan# 28
 Delta R.T. -0.009 min
 Lab File: BN015371.D
 Acq: 07 Jul 2021 13:32

Tgt Ion: 88 Resp: 27954
 Ion Ratio Lower Upper
 88 100
 43 28.4 12.9 19.3#
 58 76.4 38.1 57.1#

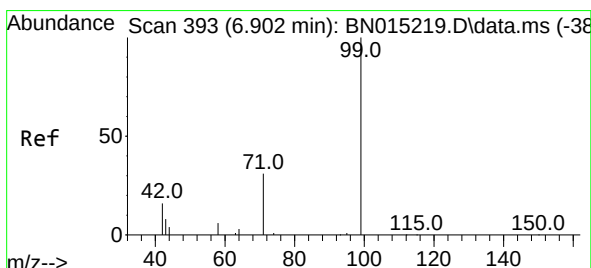
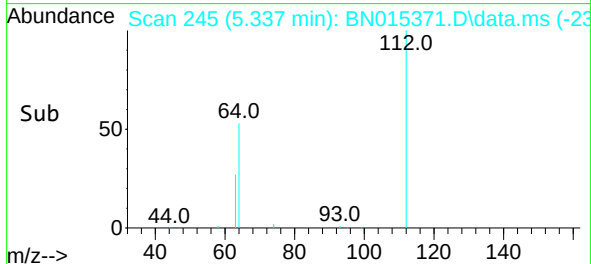
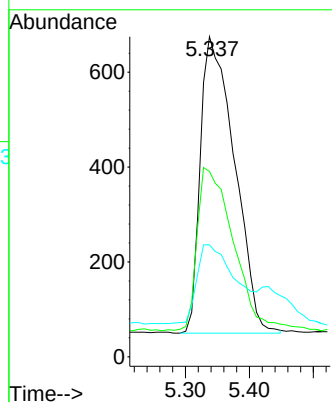
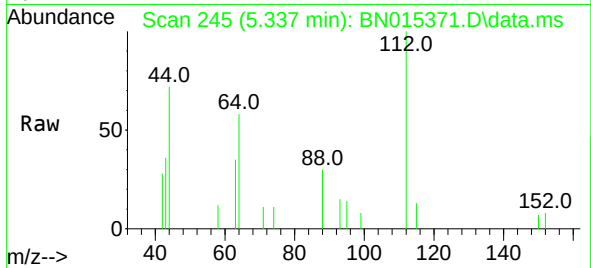




#4
2-Fluorophenol
Concen: 0.044 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

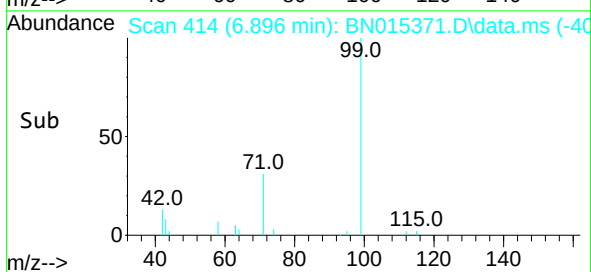
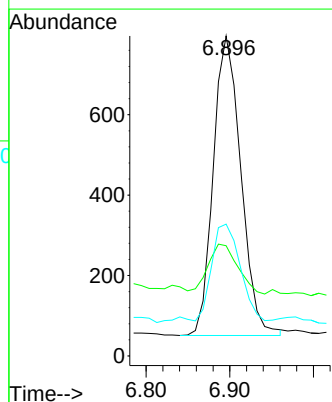
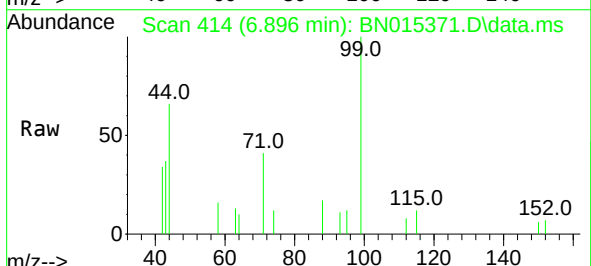
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

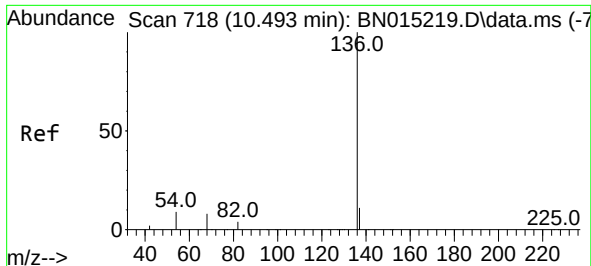
Tgt Ion:112 Resp: 2315
Ion Ratio Lower Upper
112 100
64 58.0 39.0 58.6
63 30.9 20.6 30.8#



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion: 99 Resp: 1707
Ion Ratio Lower Upper
99 100
42 17.9 8.9 13.3#
71 35.7 35.6 53.4

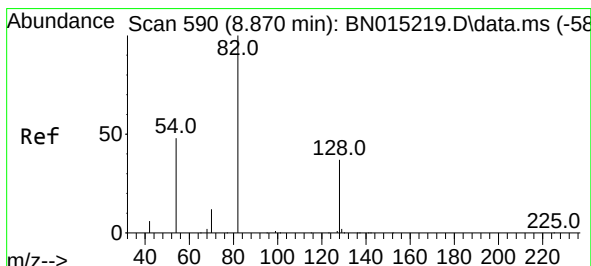
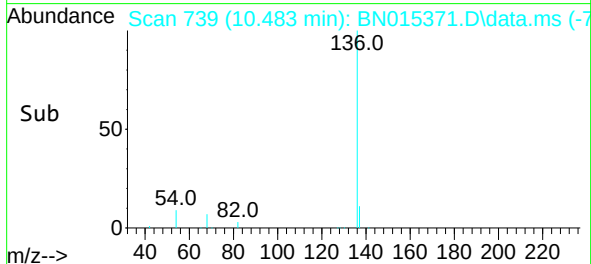
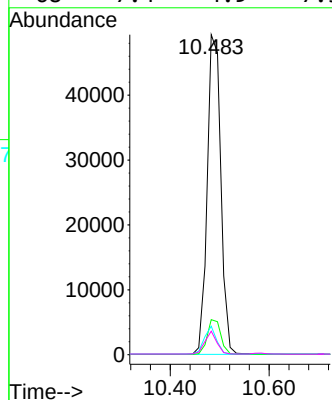
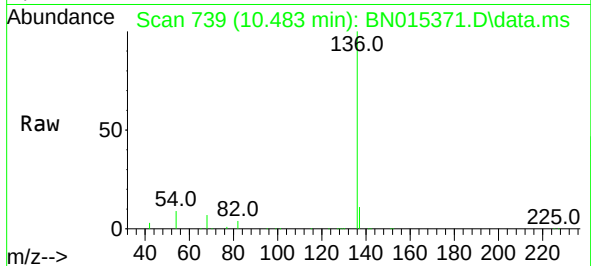




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

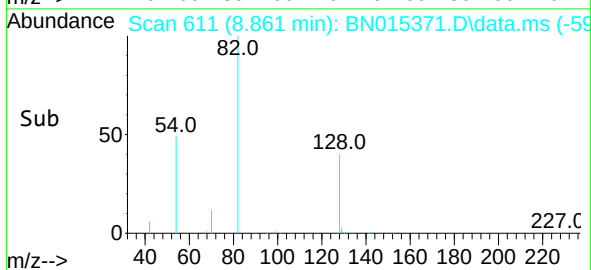
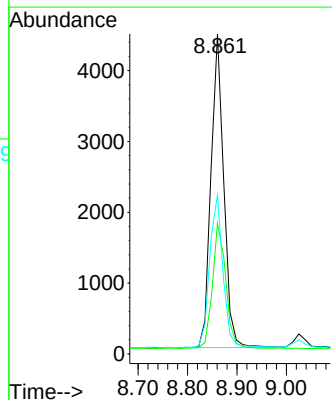
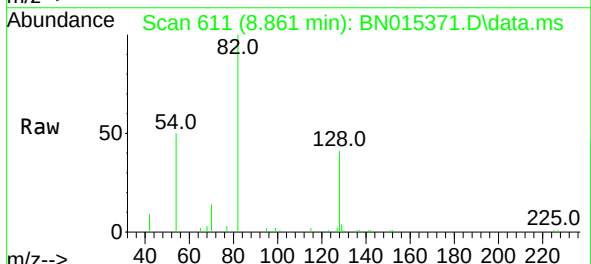
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

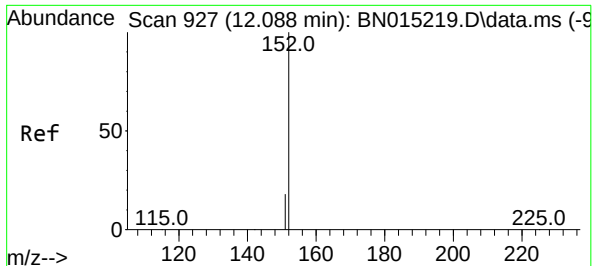
Tgt Ion:136	Resp:	94419
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	8.9	5.4 8.2#
68	7.4	4.9 7.3#



#8
Nitrobenzene-d5
Concen: 0.151 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion: 82	Resp:	7985
Ion Ratio	Lower	Upper
82	100	
128	40.8	31.6 47.4
54	49.8	29.0 43.4#

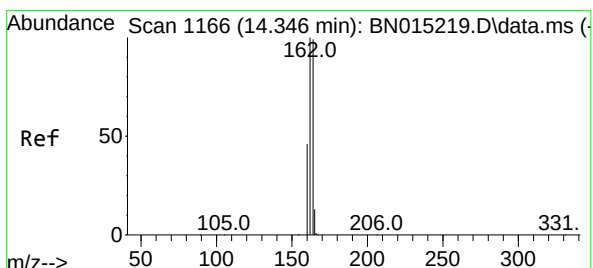
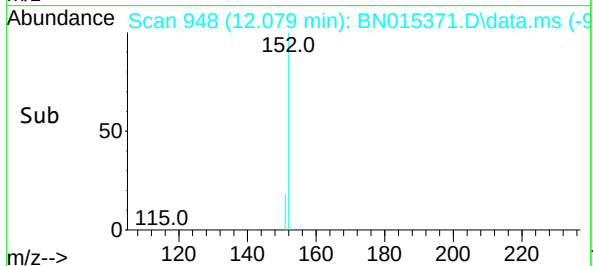
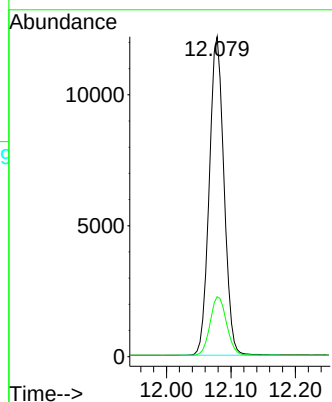
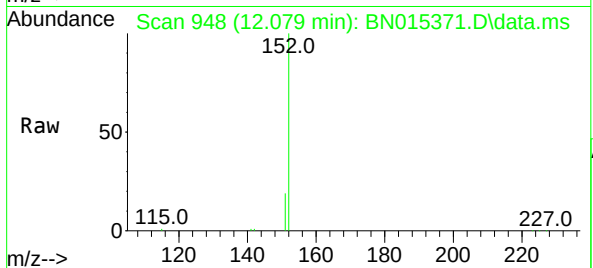




#11
2-Methylnaphthalene-d10
Concen: 0.123 ng
RT: 12.079 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

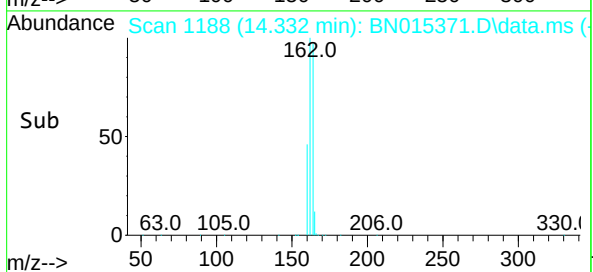
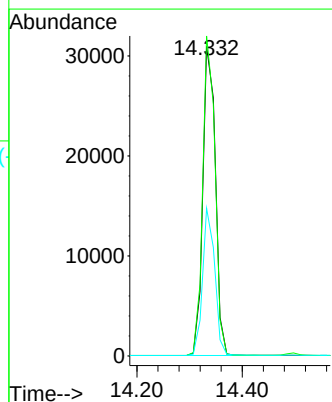
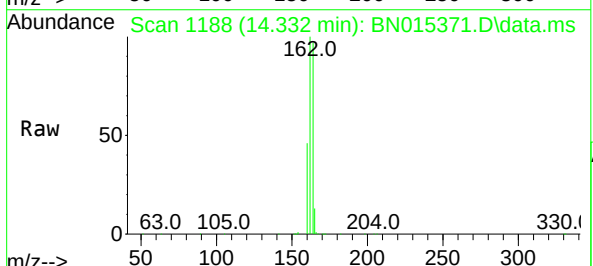
Instrument :
BNA_N
ClientSampleId :
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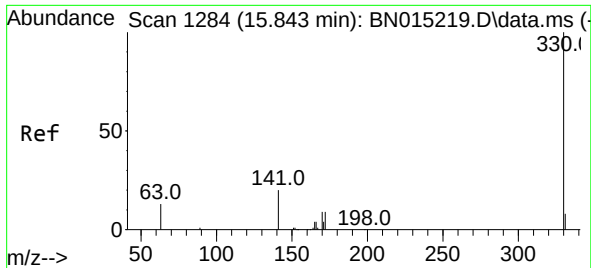
Tgt Ion:152 Resp: 19221
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:164 Resp: 51312
Ion Ratio Lower Upper
164 100
162 103.4 83.8 125.6
160 47.7 37.4 56.0

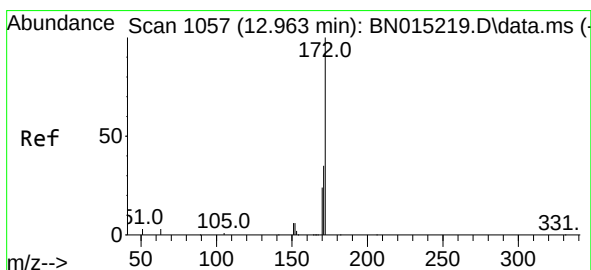
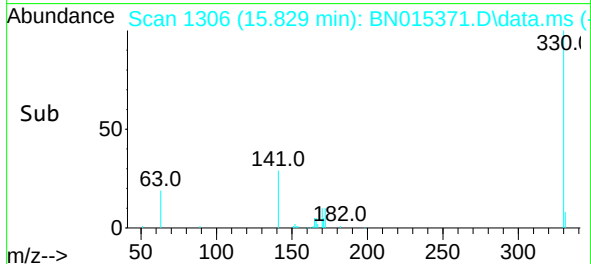
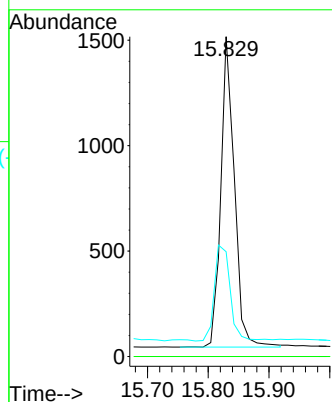
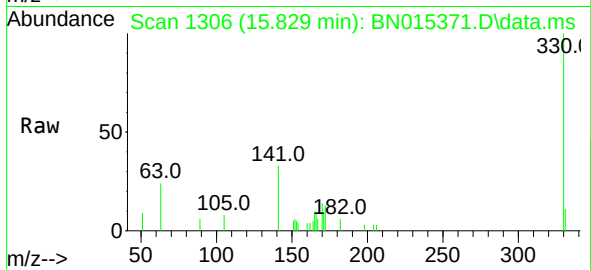




#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

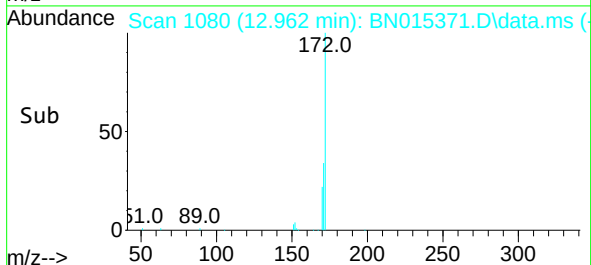
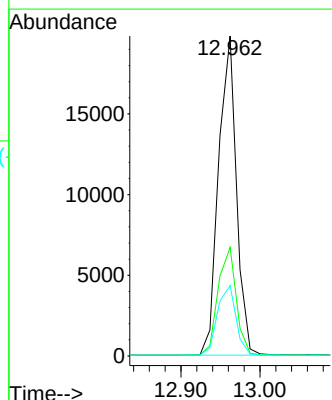
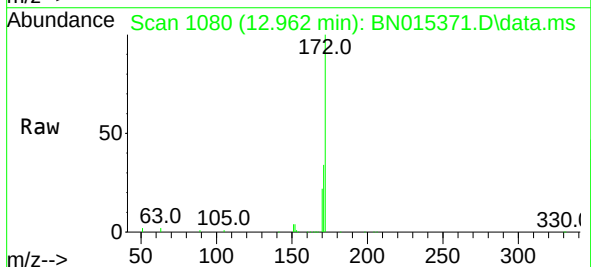
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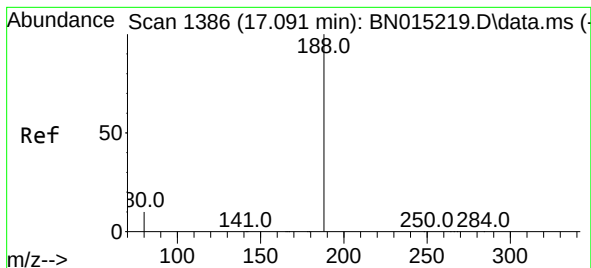
Tgt Ion:330 Resp: 2272
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.3 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:172 Resp: 31110
Ion Ratio Lower Upper
172 100
171 33.9 30.6 45.8
170 22.0 20.2 30.4

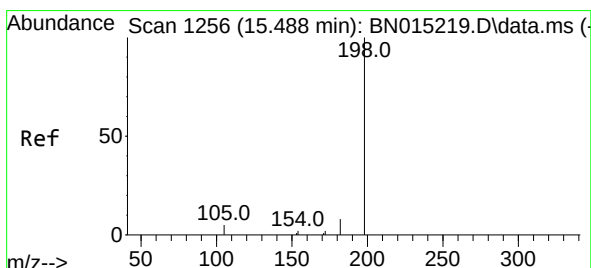
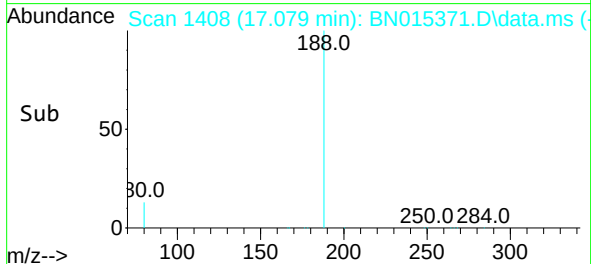
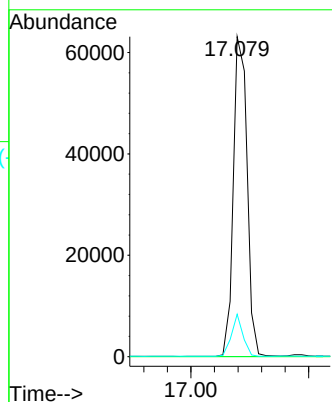
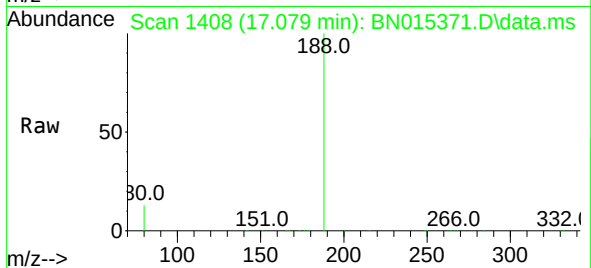




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.079 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

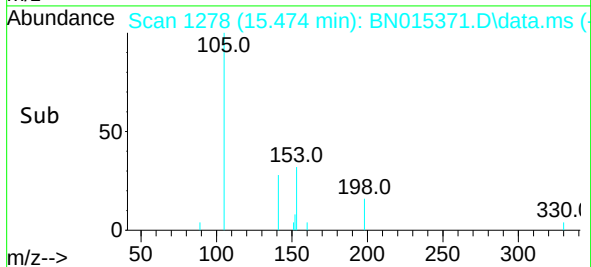
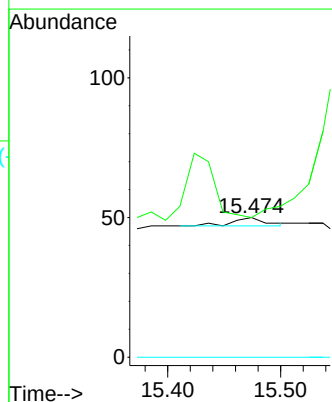
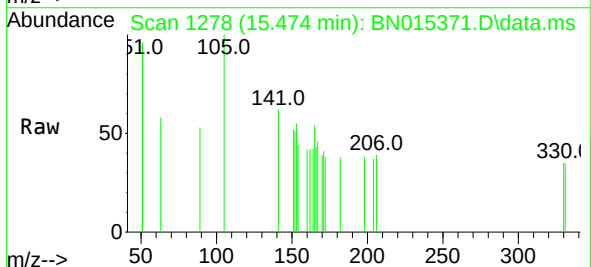
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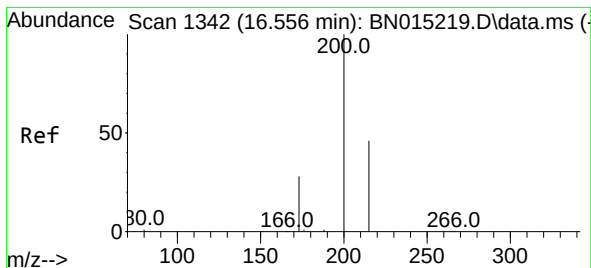
Tgt Ion:188 Resp: 102313
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.173 ng

RT: 16.543 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BN015371.D

Acq: 07 Jul 2021 13:32

Tgt Ion:200 Resp: 6

Ion Ratio Lower Upper

200 100

173 105.7 21.7 32.5#

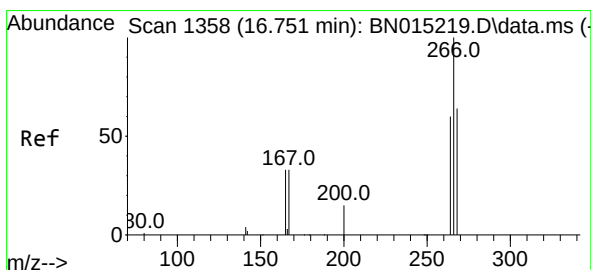
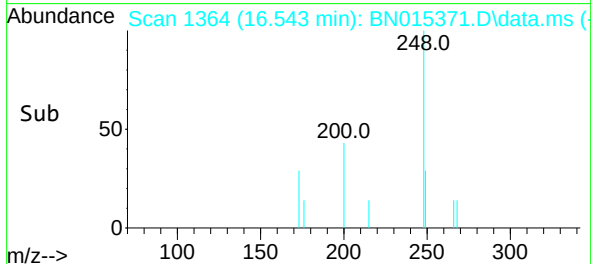
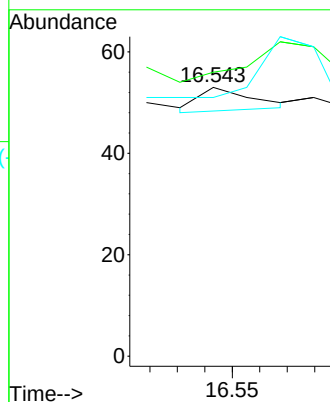
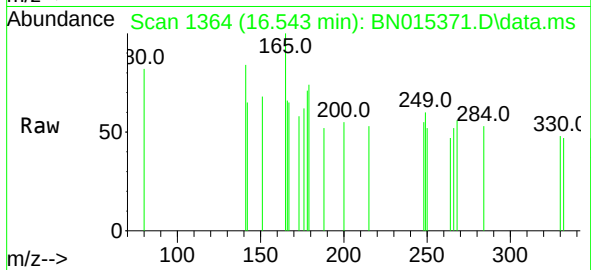
215 96.2 43.1 64.7#

Instrument :

BNA_N

ClientSampleId :

MW-10B-062921DL



#24

Pentachlorophenol

Concen: 0.243 ng

RT: 16.750 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BN015371.D

Acq: 07 Jul 2021 13:32

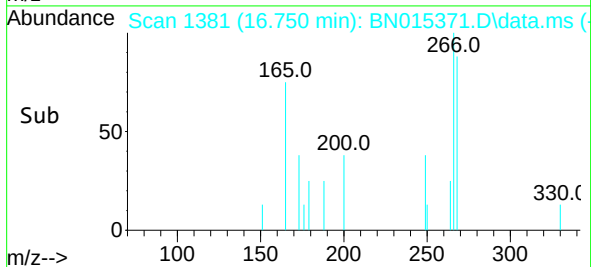
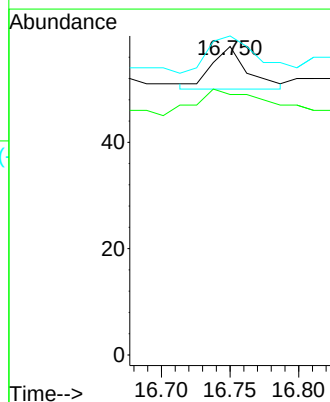
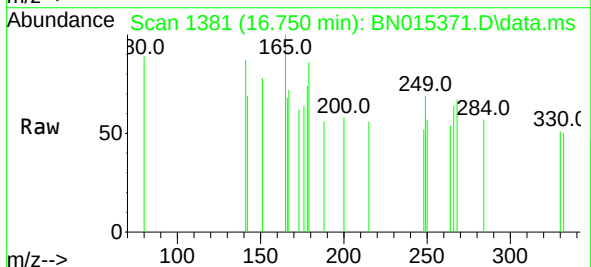
Tgt Ion:266 Resp: 15

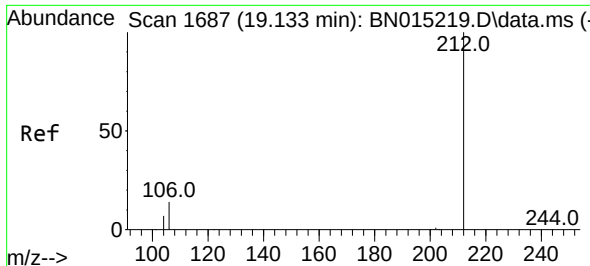
Ion Ratio Lower Upper

266 100

264 133.3 51.0 76.4#

268 120.0 50.6 76.0#

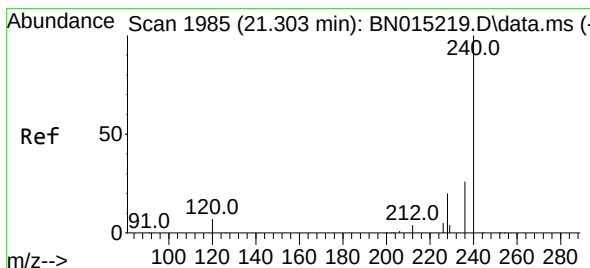
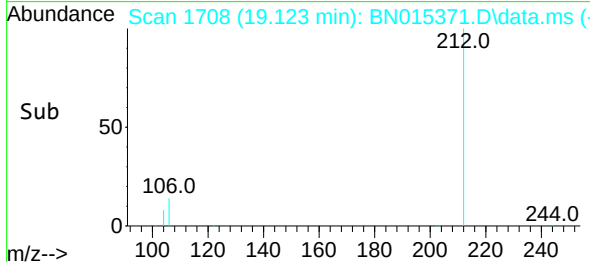
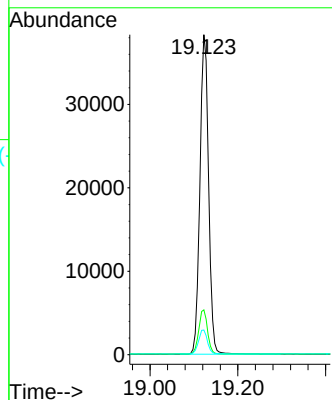
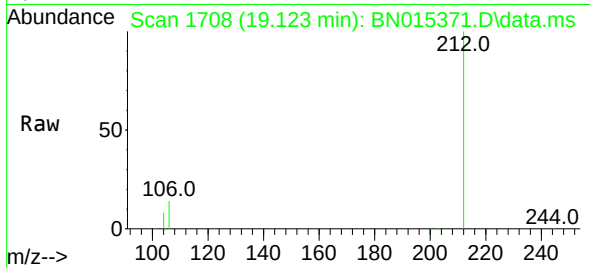




#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

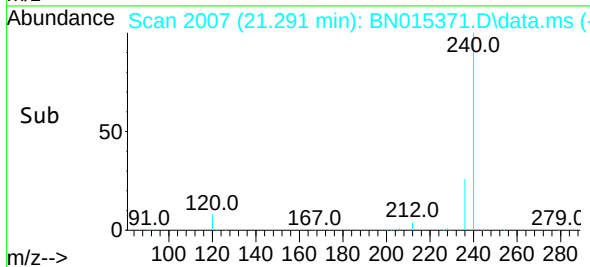
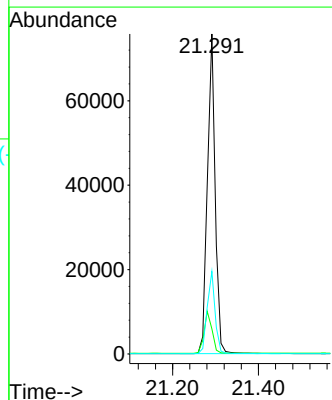
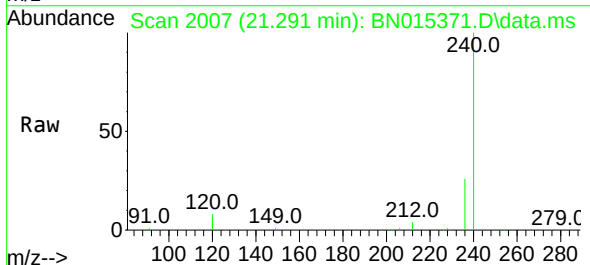
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

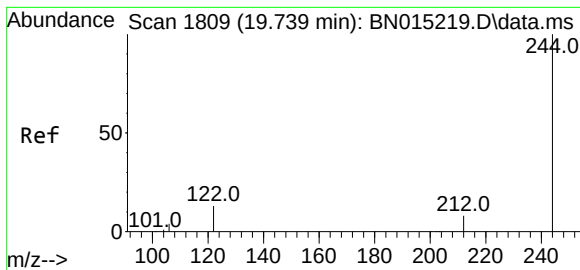
Tgt Ion:212 Resp: 52333
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:240 Resp: 95608
Ion Ratio Lower Upper
240 100
120 7.8 4.2 6.4#
236 25.8 21.4 32.2

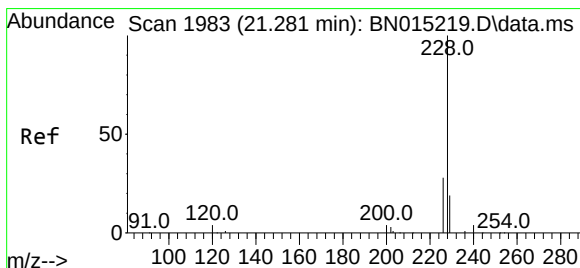
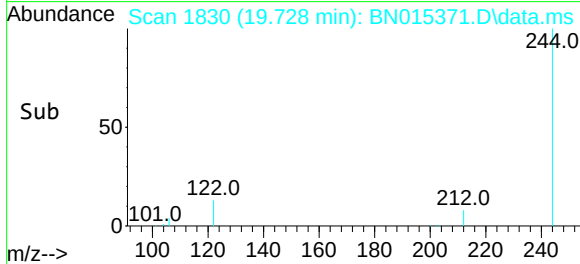
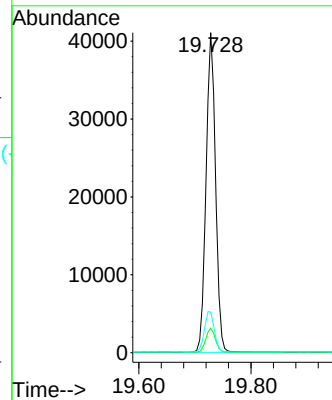
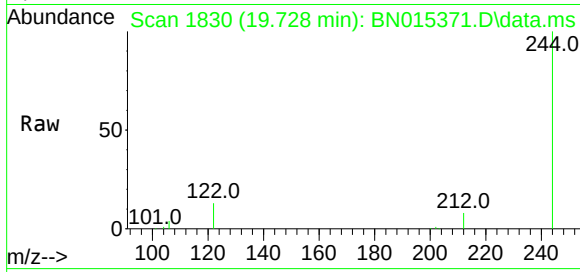




#31
Terphenyl-d14
Concen: 0.215 ng
RT: 19.728 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

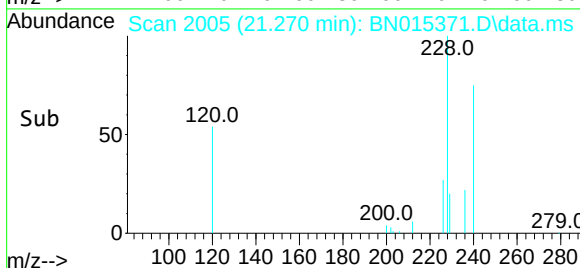
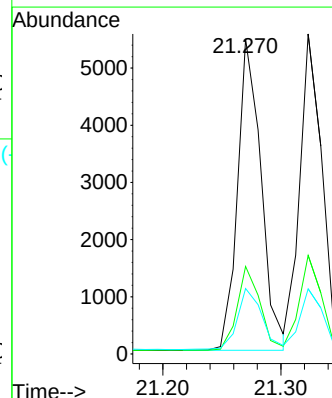
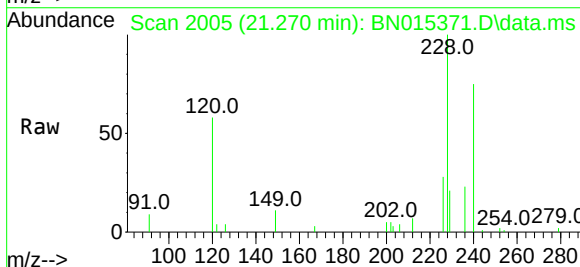
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

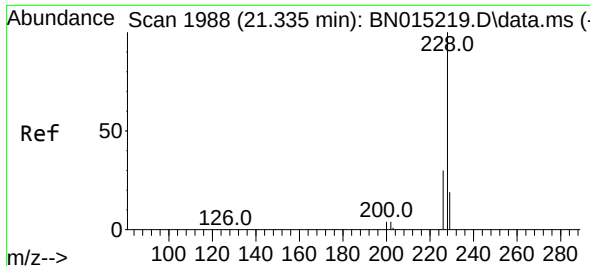
Tgt Ion:244 Resp: 48149
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 12.8 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:228 Resp: 7558
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.6
229 20.8 15.7 23.5

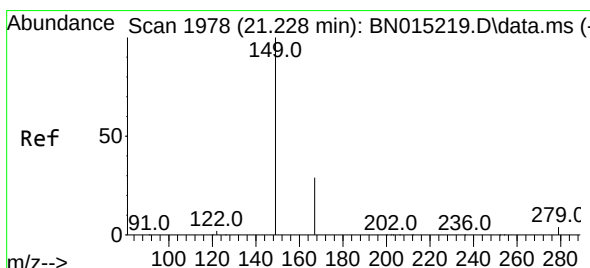
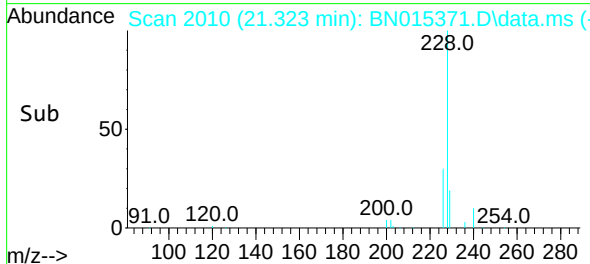
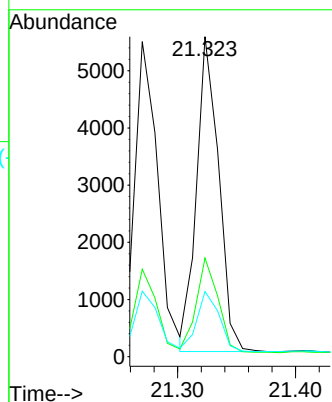
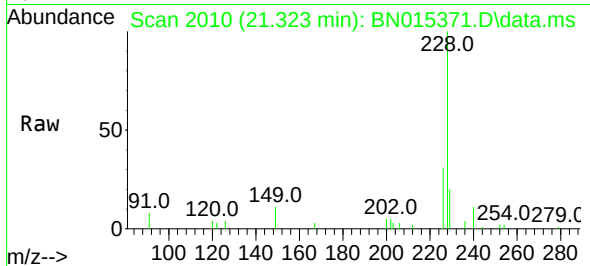




#33
Chrysene
Concen: 0.020 ng
RT: 21.323 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

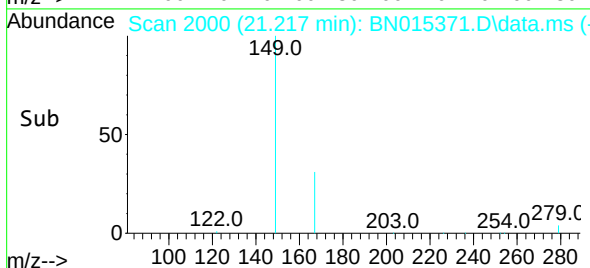
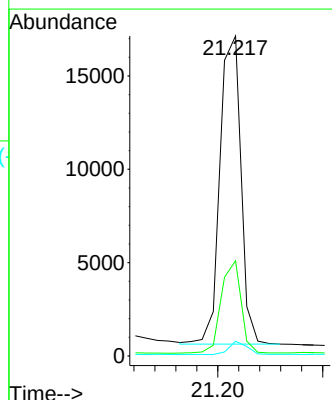
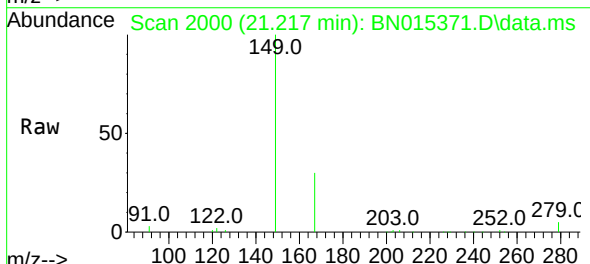
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

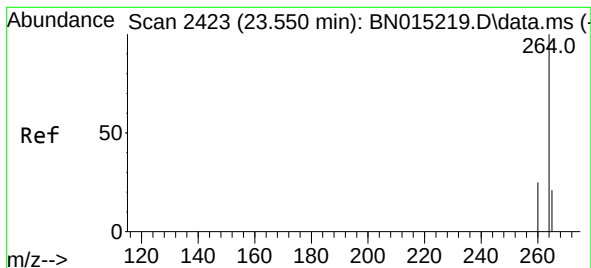
Tgt Ion:	228	Resp:	7172
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	20.3	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN015371.D
Acq: 07 Jul 2021 13:32

Tgt Ion:	149	Resp:	22969
Ion Ratio	Lower	Upper	
149	100		
167	28.5	28.9	43.3#
279	3.6	4.9	7.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.536 min Scan# 2442

Delta R.T. 0.007 min

Lab File: BN015371.D

Acq: 07 Jul 2021 13:32

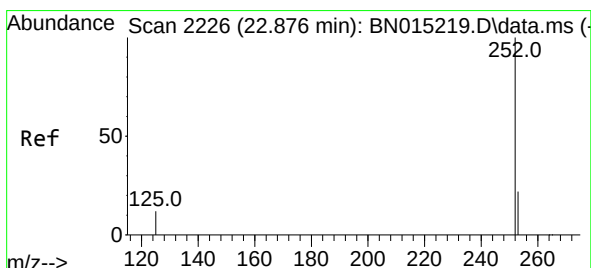
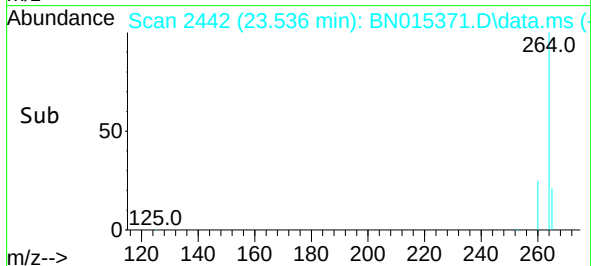
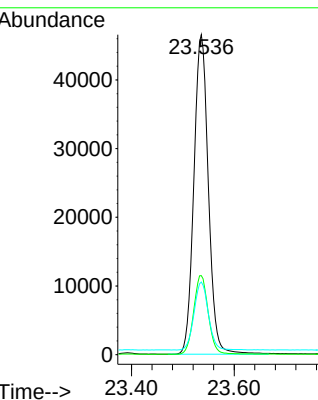
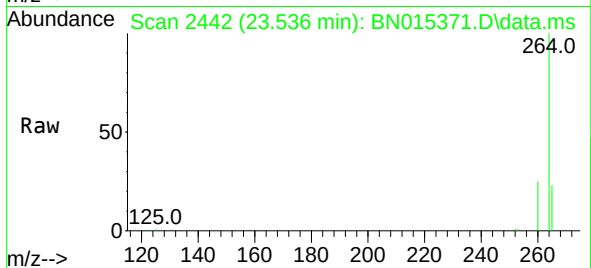
Tgt Ion:264 Resp: 91106

Ion Ratio Lower Upper

264 100

260 24.7 20.6 31.0

265 22.7 21.4 32.2



#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 22.862 min Scan# 2245

Delta R.T. 0.007 min

Lab File: BN015371.D

Acq: 07 Jul 2021 13:32

Tgt Ion:252 Resp: 7696

Ion Ratio Lower Upper

252 100

253 29.9 18.5 27.7#

125 42.6 5.8 8.6#

