

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015346.D
 Acq On : 06 Jul 2021 19:50
 Operator : CG/JU
 Sample : M2898-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-03-1.5-6.5-062921

Quant Time: Jul 07 01:32:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

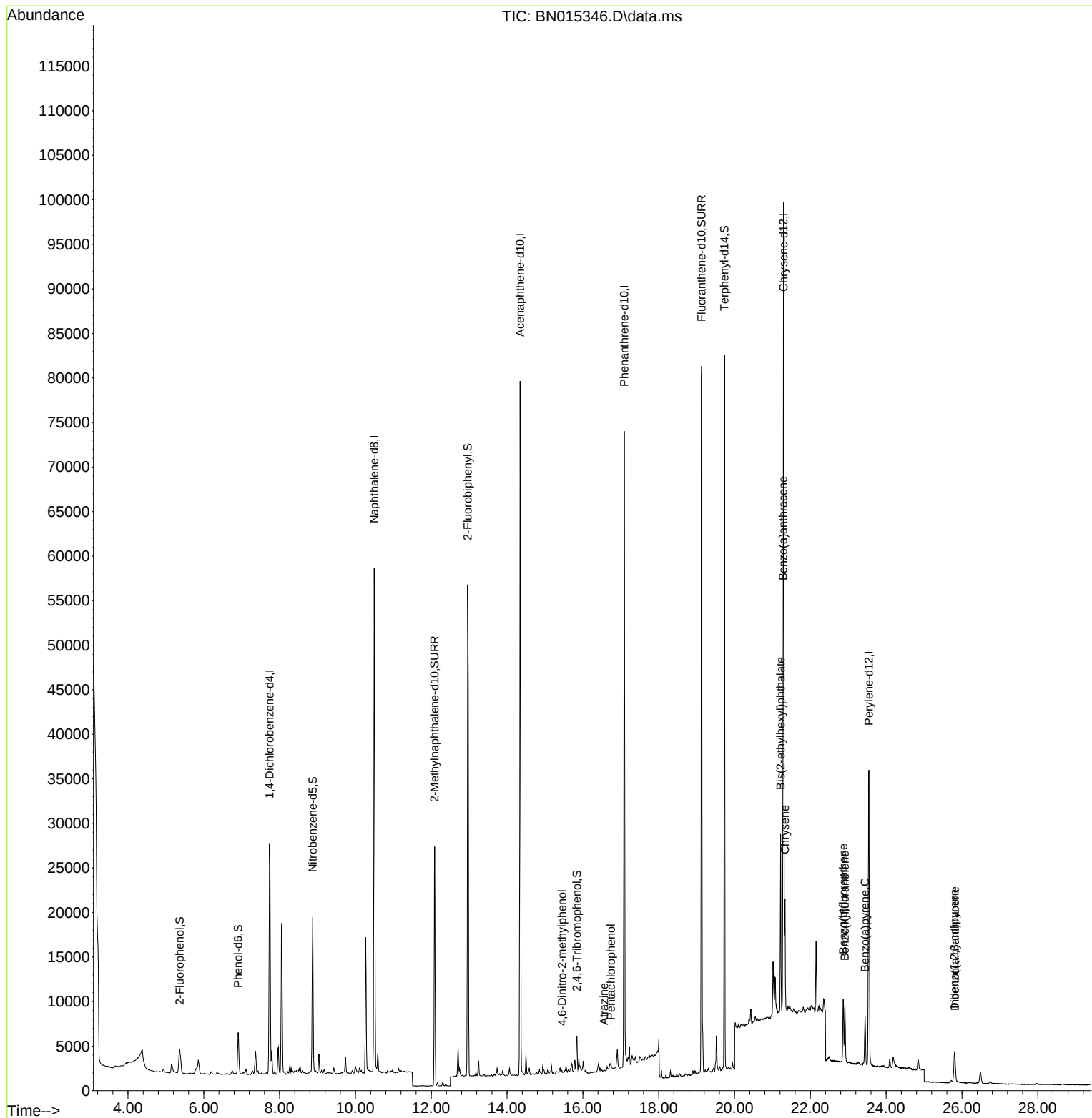
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15798	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	75188	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	43825	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	90683	0.40	ng	0.00
29) Chrysene-d12	21.291	240	78949	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	44314	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4899	0.12	ng	0.00
5) Phenol-d6	6.905	99	5792	0.11	ng	0.00
8) Nitrobenzene-d5	8.873	82	15064	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	35731	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3313	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	50979	0.29	ng	0.00
27) Fluoranthene-d10	19.133	212	88265	0.33	ng	0.00
31) Terphenyl-d14	19.733	244	75533	0.41	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.449	198	71	0.24	ng	# 2
23) Atrazine	16.555	200	80	0.17	ng	# 1
24) Pentachlorophenol	16.738	266	34	0.25	ng	# 77
32) Benzo(a)anthracene	21.281	228	12017	0.04	ng	97
33) Chrysene	21.334	228	11159	0.04	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	16792	0.32	ng	# 89
36) Indeno(1,2,3-cd)pyrene	25.798	276	3679	0.02	ng	# 90
37) Benzo(b)fluoranthene	22.868	252	8485	0.05	ng	# 60
38) Benzo(k)fluoranthene	22.910	252	8194	0.04	ng	# 71
39) Benzo(a)pyrene	23.443	252	6312	0.04	ng	# 47
40) Dibenzo(a,h)anthracene	25.812	278	3269	0.03	ng	# 70

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015346.D
Acq On : 06 Jul 2021 19:50
Operator : CG/JU
Sample : M2898-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

Quant Time: Jul 07 01:32:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

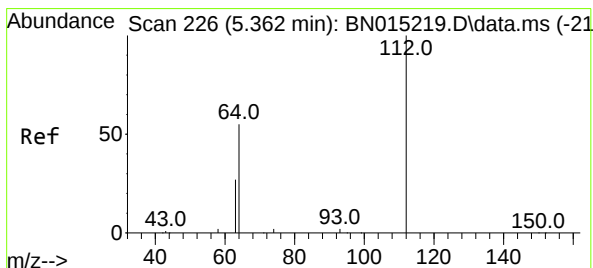
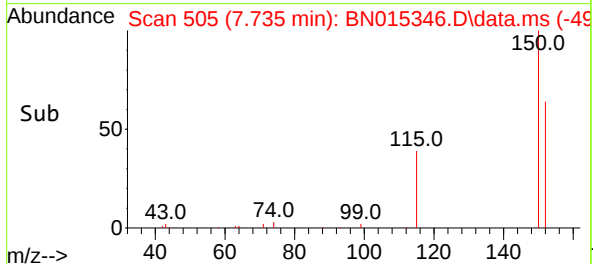
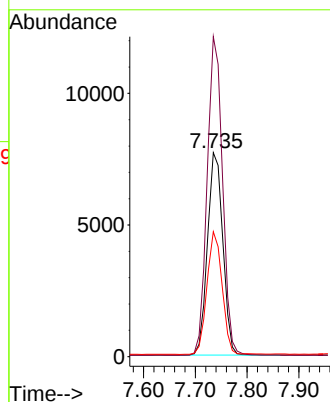
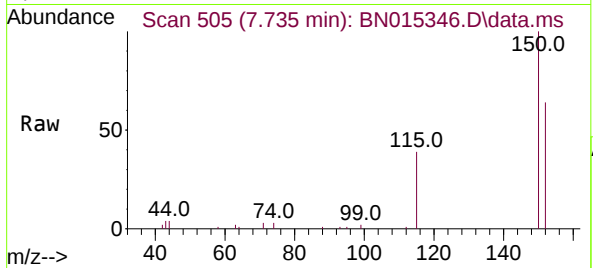




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

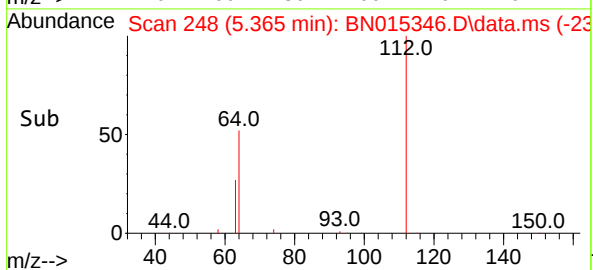
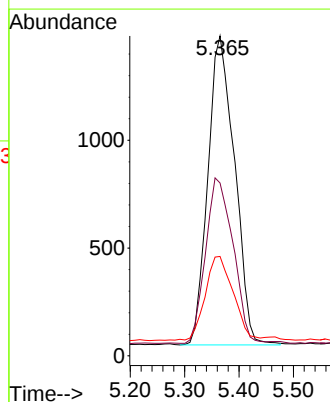
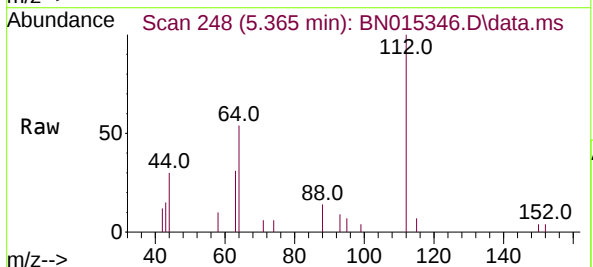
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

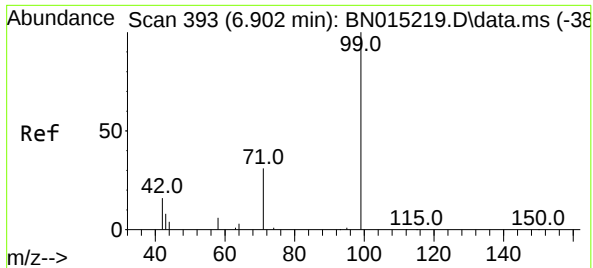
Tgt Ion:152 Resp: 15798
Ion Ratio Lower Upper
152 100
150 156.8 119.0 178.6
115 61.2 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:112 Resp: 4899
Ion Ratio Lower Upper
112 100
64 54.9 39.0 58.6
63 28.1 20.6 30.8

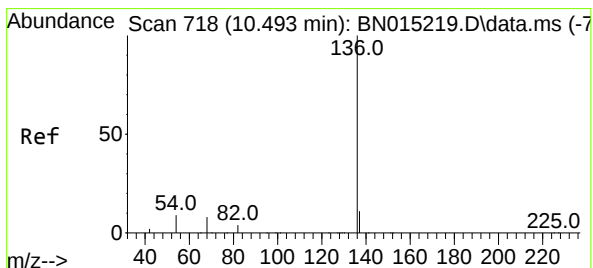
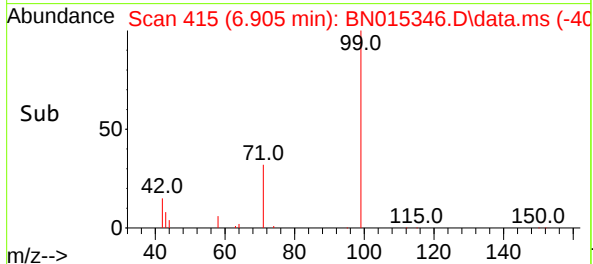
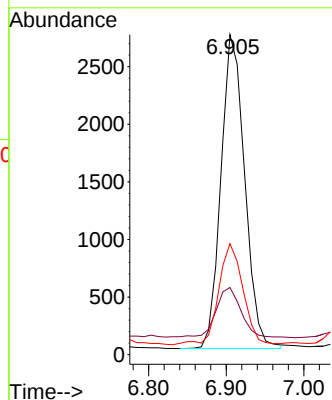
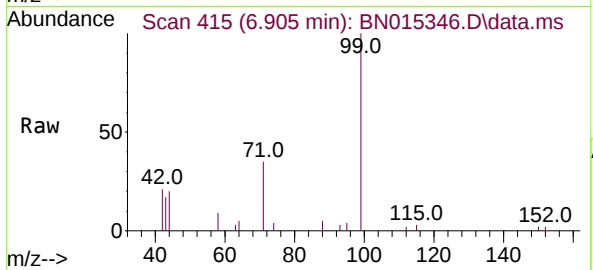




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

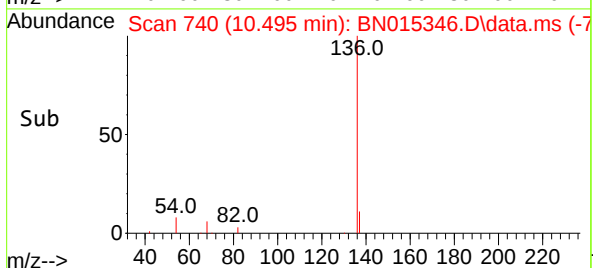
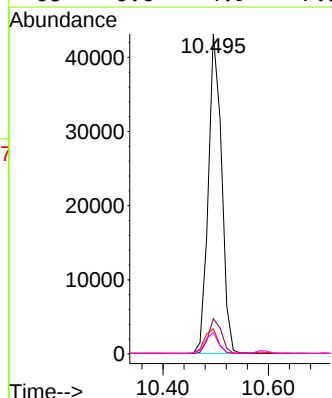
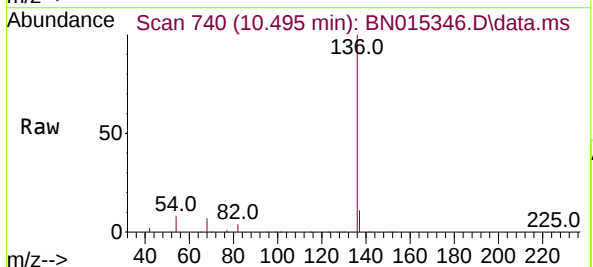
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

Tgt Ion: 99 Resp: 5792
Ion Ratio Lower Upper
99 100
42 16.3 8.9 13.3#
71 33.0 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion: 136 Resp: 75188
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.9 5.4 8.2
68 6.6 4.9 7.3

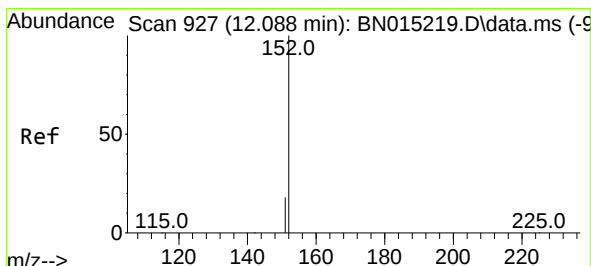
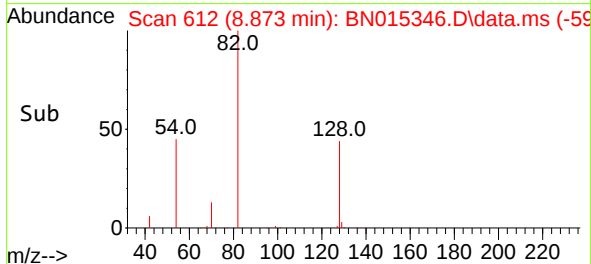
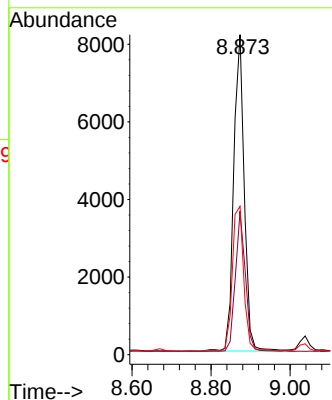
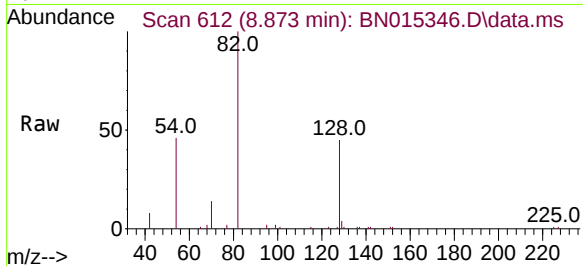




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

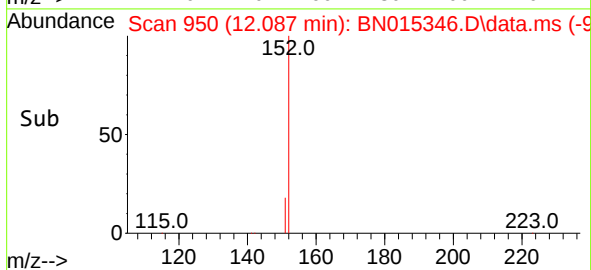
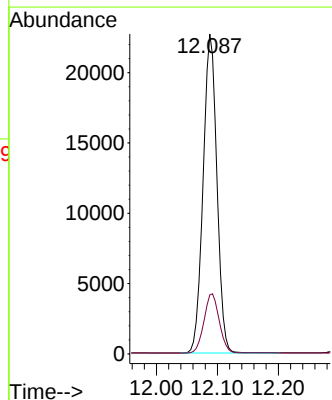
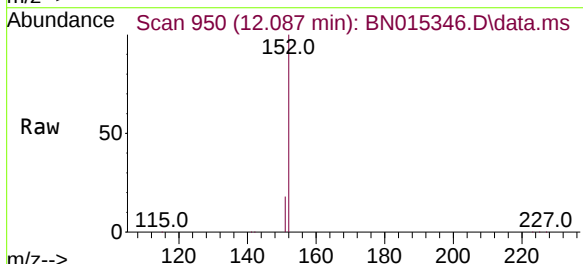
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

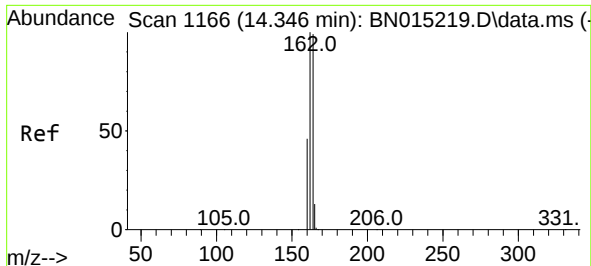
Tgt Ion: 82 Resp: 15064
Ion Ratio Lower Upper
82 100
128 44.9 31.6 47.4
54 46.3 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion: 152 Resp: 35731
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

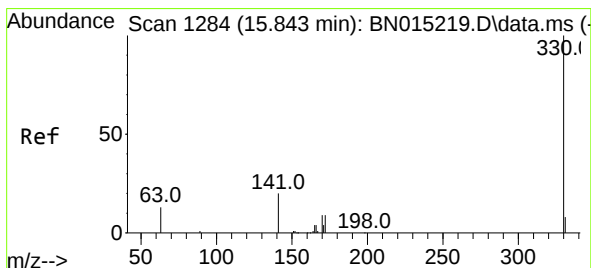
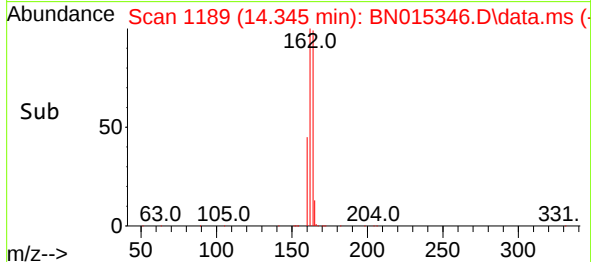
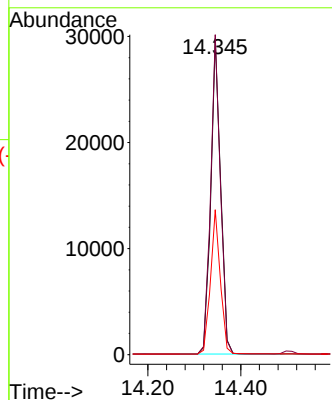
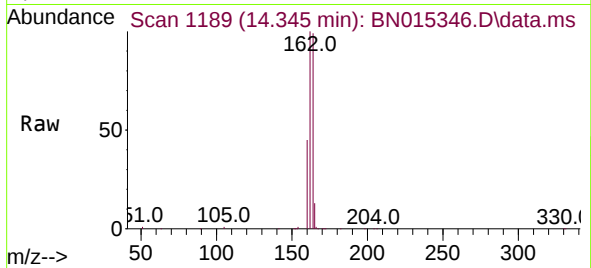




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

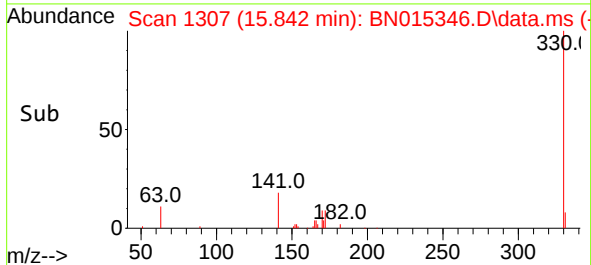
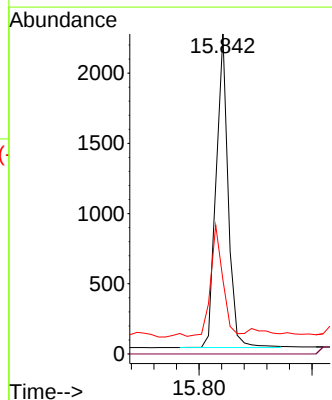
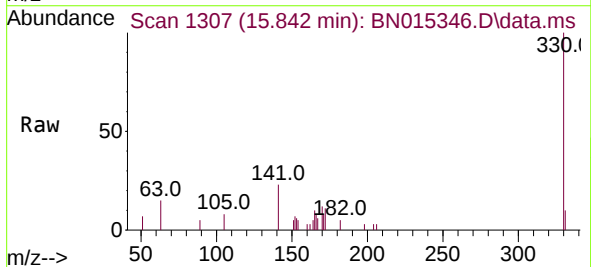
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

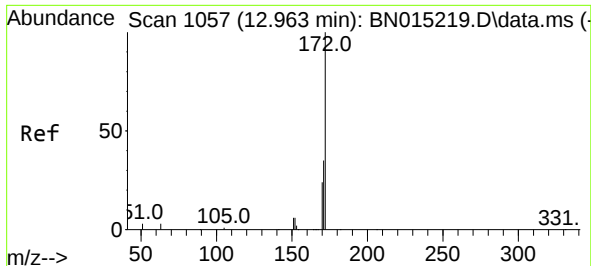
Tgt Ion:164 Resp: 43825
Ion Ratio Lower Upper
164 100
162 101.2 83.8 125.6
160 45.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:330 Resp: 3313
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 22.4 33.6#

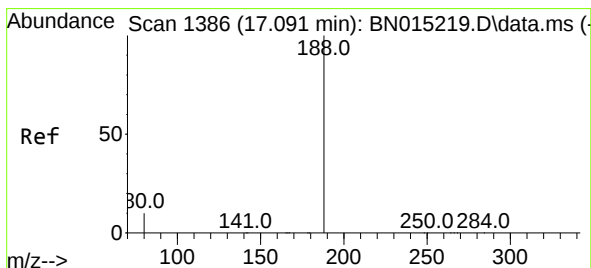
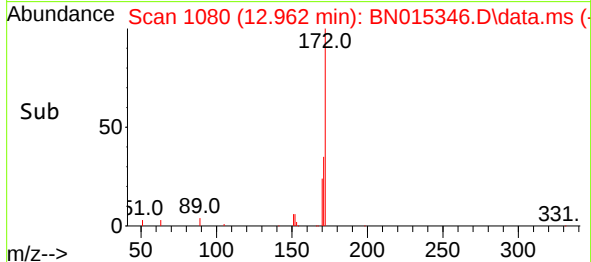
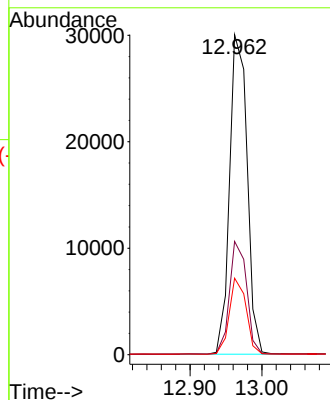
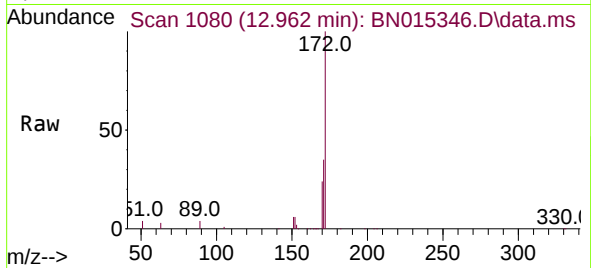




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

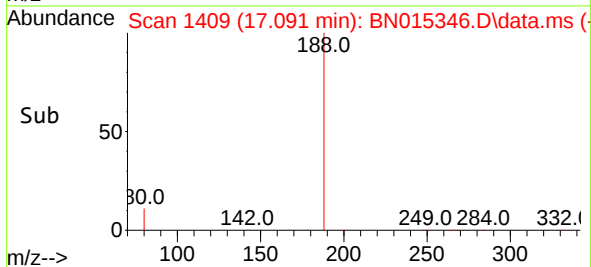
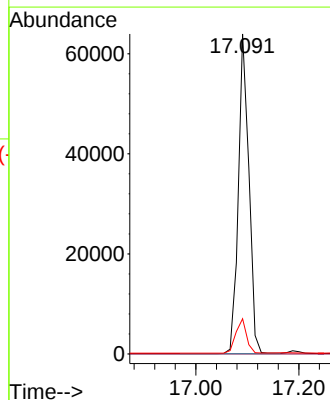
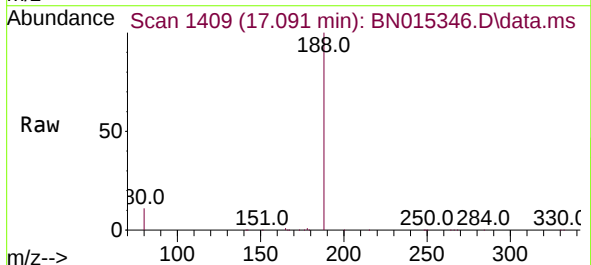
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

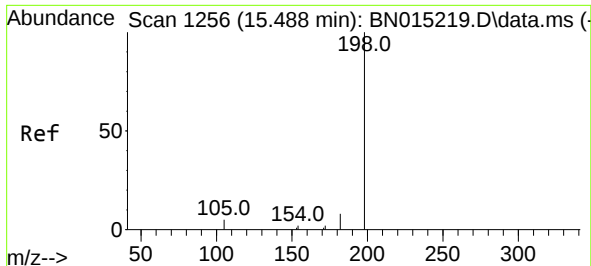
Tgt Ion:172	Resp:	50979
Ion Ratio	Lower	Upper
172	100	
171	35.4	30.6 45.8
170	23.9	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:188	Resp:	90683
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.0	9.0 13.4

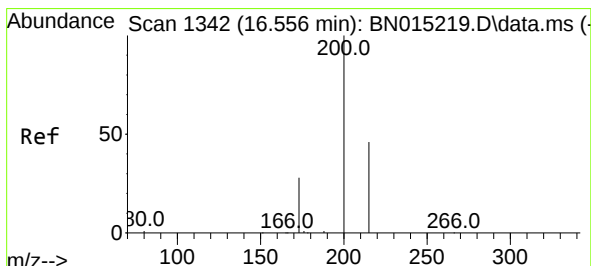
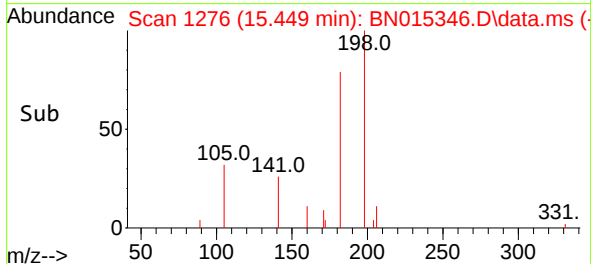
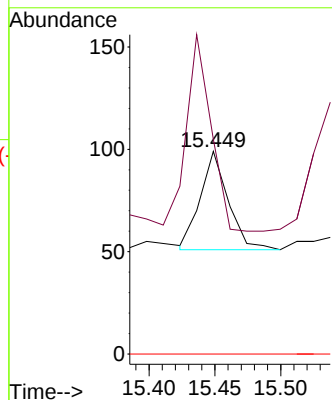
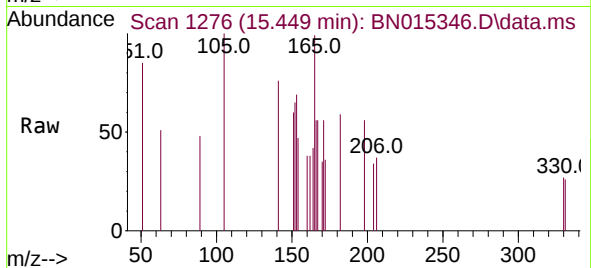




#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.039 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

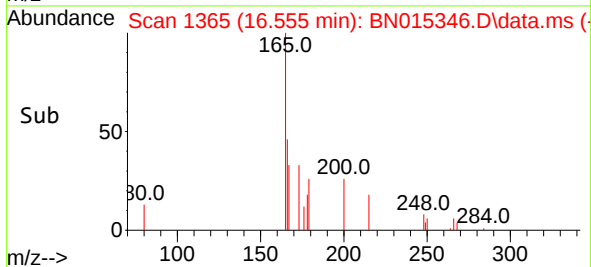
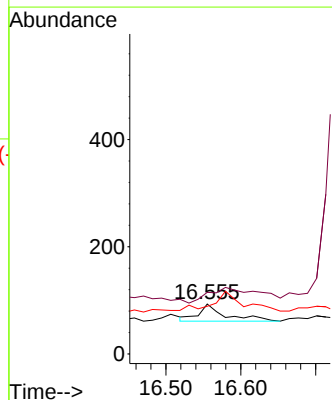
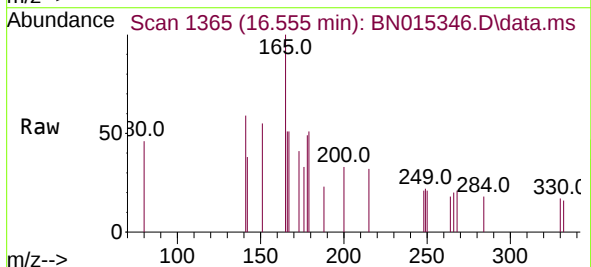
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

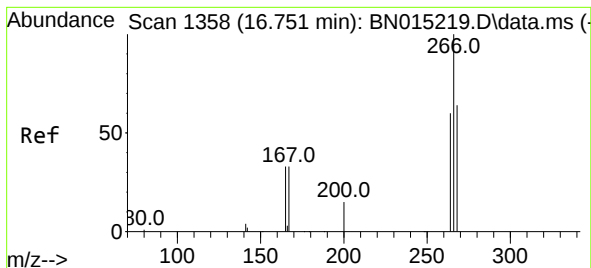
Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
182 106.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:200 Resp: 80
Ion Ratio Lower Upper
200 100
173 123.7 21.7 32.5#
215 95.7 43.1 64.7#

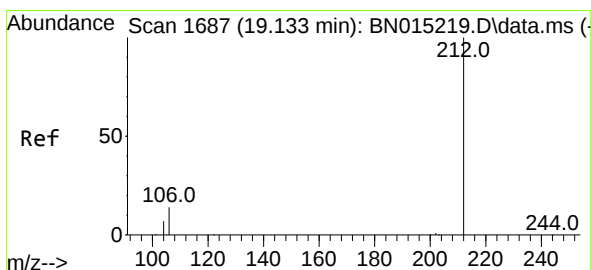
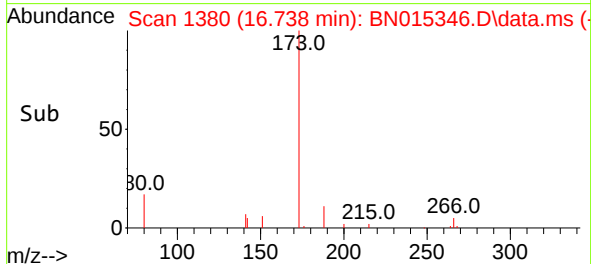
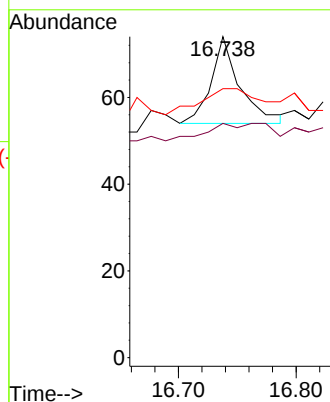
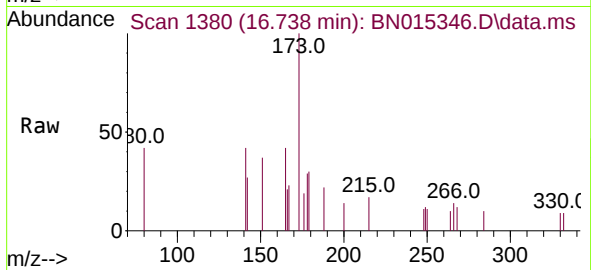




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

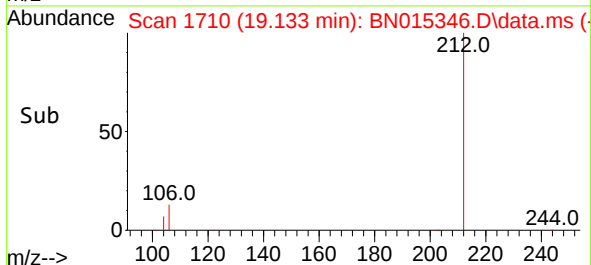
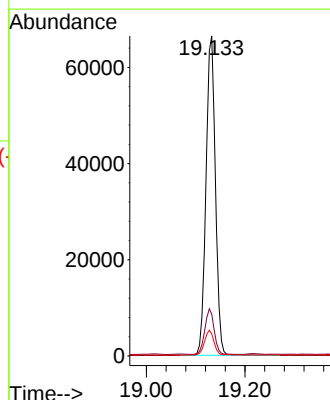
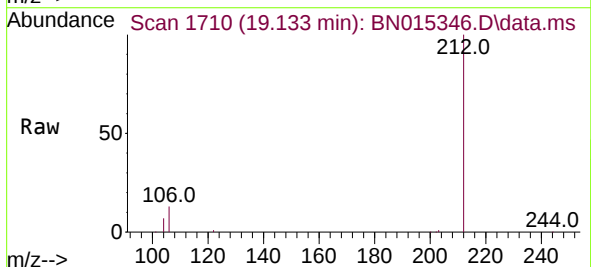
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

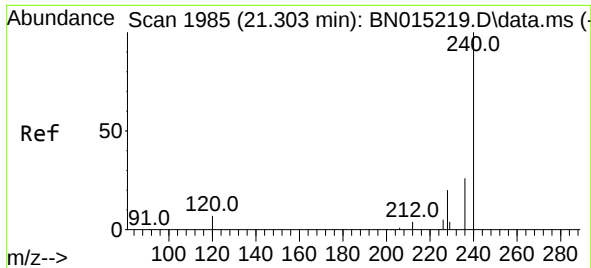
Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 44.1 51.0 76.4#
268 79.4 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:212 Resp: 88265
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.8 4.1 6.1#

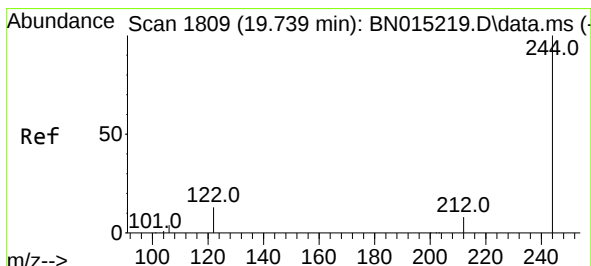
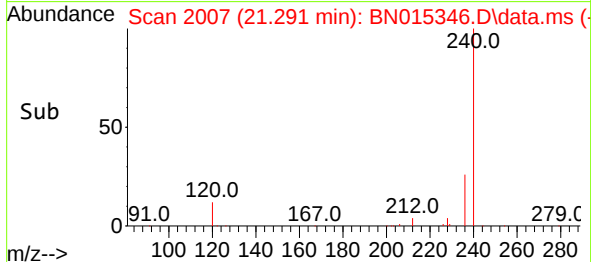
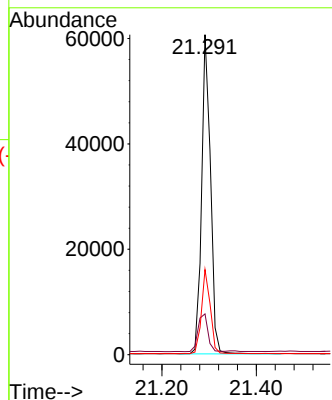
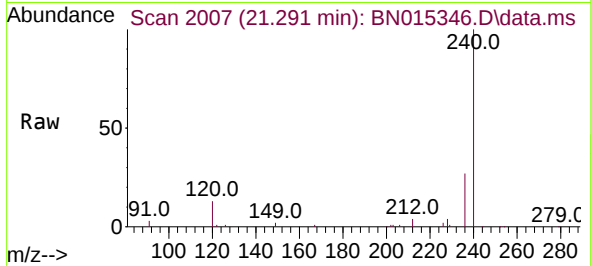




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

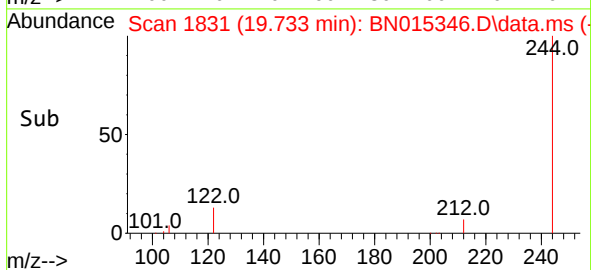
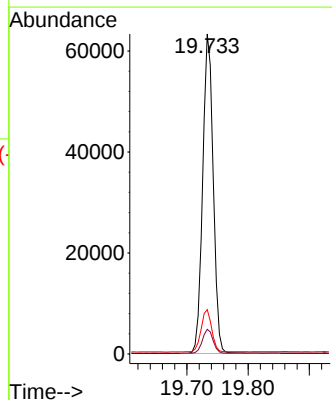
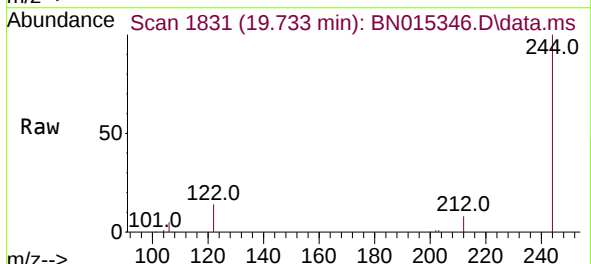
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

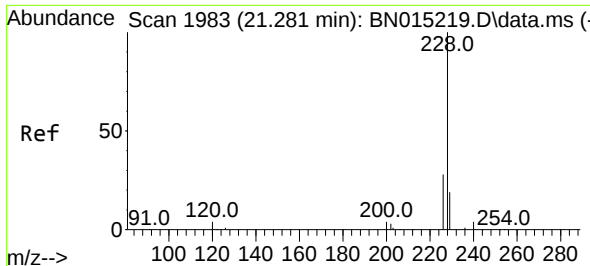
Tgt Ion:240 Resp: 78949
Ion Ratio Lower Upper
240 100
120 12.7 4.2 6.4#
236 26.6 21.4 32.2



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:244 Resp: 75533
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.9 6.2 9.2#

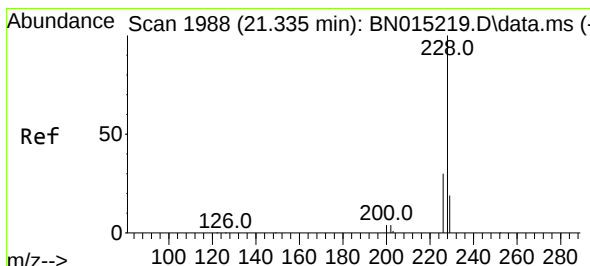
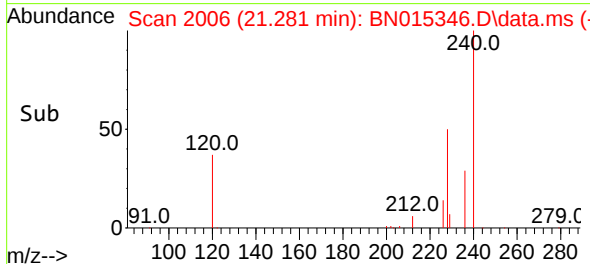
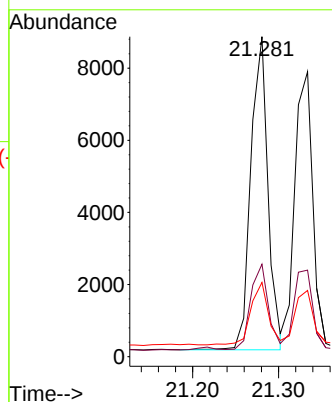
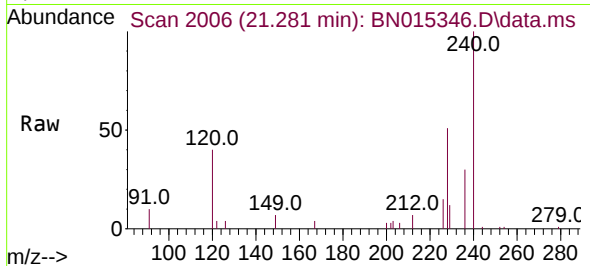




#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

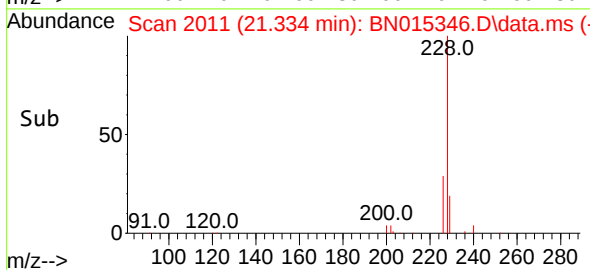
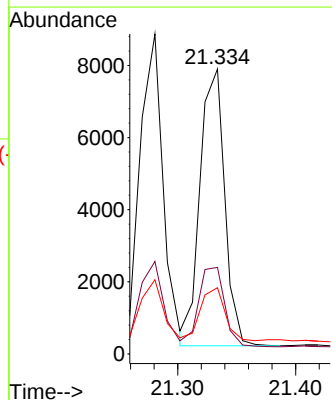
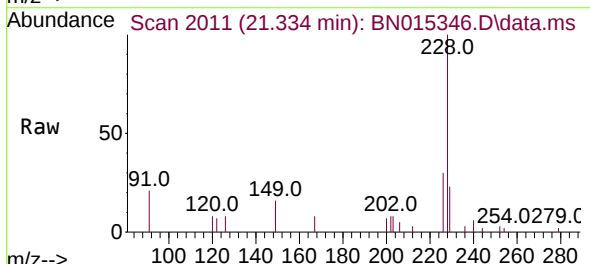
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

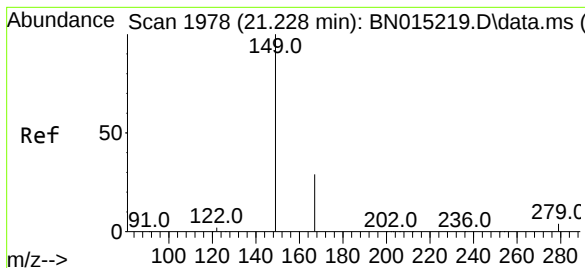
Tgt Ion:228	Resp:	12017
Ion Ratio	Lower	Upper
228	100	
226	28.9	23.0 34.6
229	23.2	15.7 23.5



#33
Chrysene
Concen: 0.04 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:228	Resp:	11159
Ion Ratio	Lower	Upper
228	100	
226	30.4	25.0 37.6
229	23.2	15.9 23.9

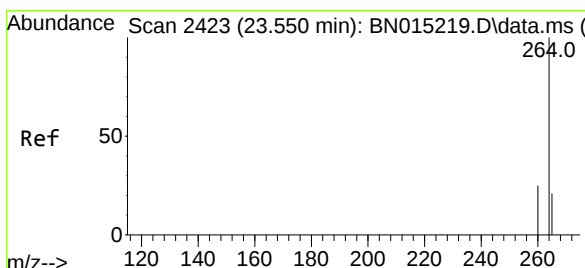
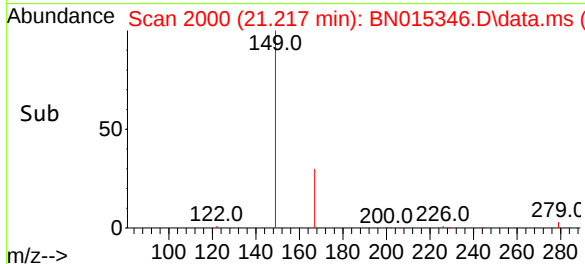
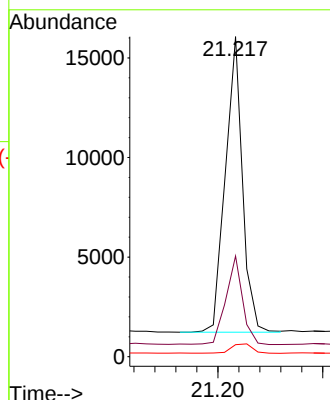
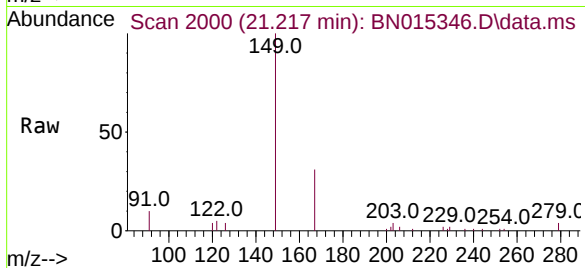




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015346.D
 Acq: 06 Jul 2021 19:50

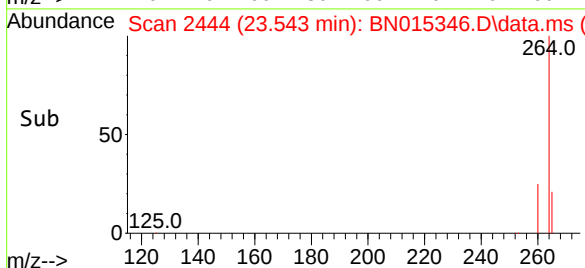
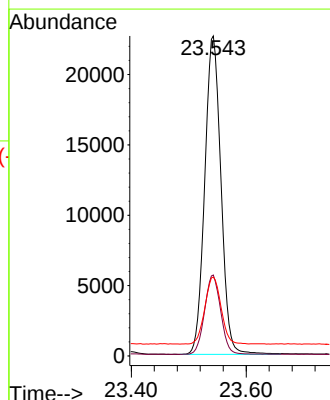
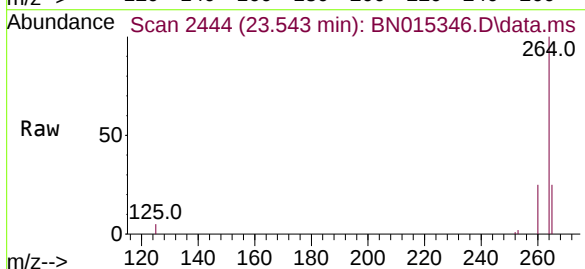
Instrument :
 BNA_N
 ClientSampleId :
 MW-03-1.5-6.5-062921

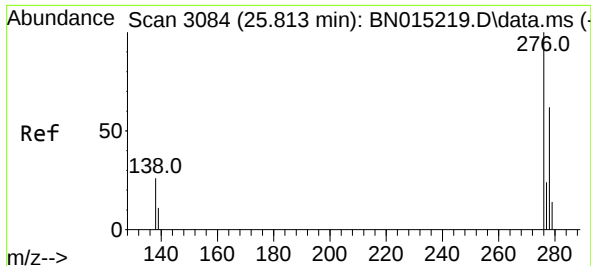
Tgt Ion:149 Resp: 16792
 Ion Ratio Lower Upper
 149 100
 167 29.1 28.9 43.3
 279 4.0 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.543 min Scan# 2444
 Delta R.T. -0.007 min
 Lab File: BN015346.D
 Acq: 06 Jul 2021 19:50

Tgt Ion:264 Resp: 44314
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 31.0
 265 24.7 21.4 32.2

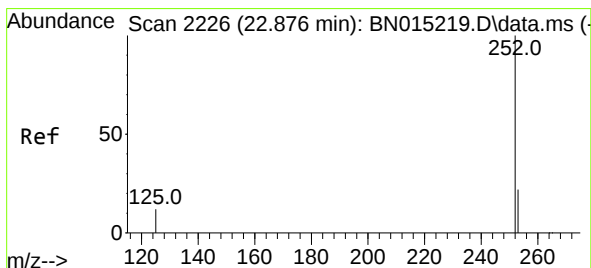
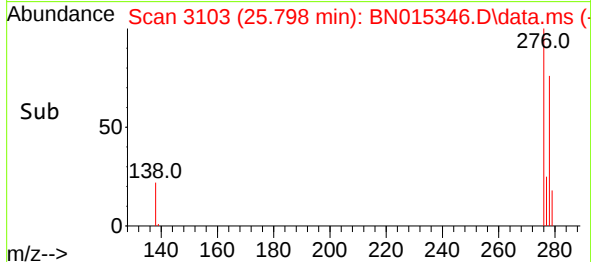
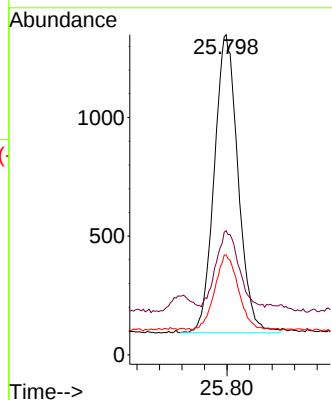
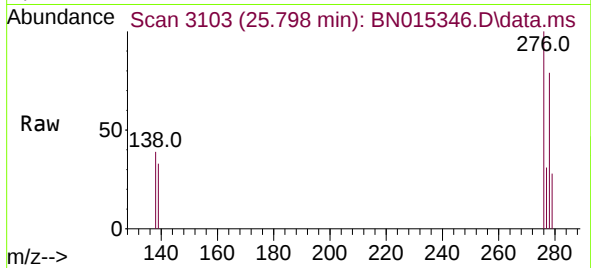




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.798 min Scan# 3103
Delta R.T. -0.014 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

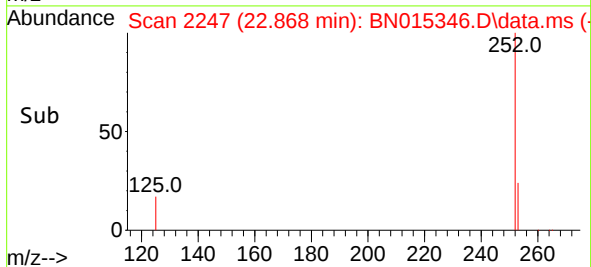
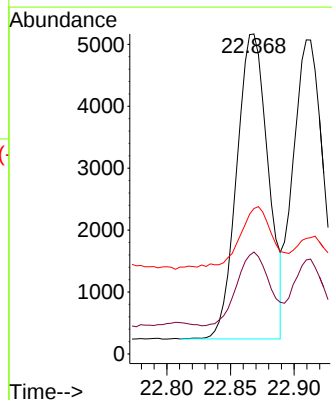
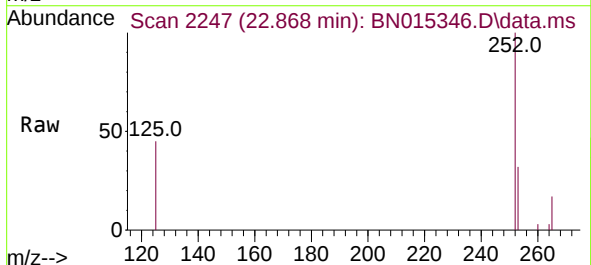
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

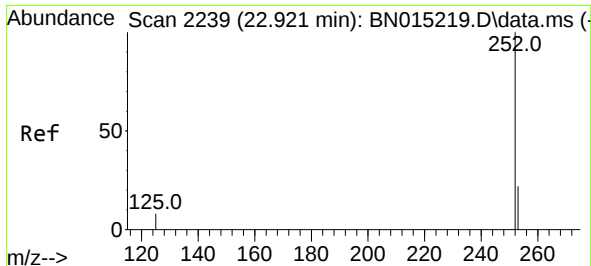
Tgt Ion:276 Resp: 3679
Ion Ratio Lower Upper
276 100
138 24.2 10.0 15.0#
277 25.6 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.868 min Scan# 2247
Delta R.T. -0.008 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:252 Resp: 8485
Ion Ratio Lower Upper
252 100
253 31.8 18.5 27.7#
125 45.5 5.8 8.6#

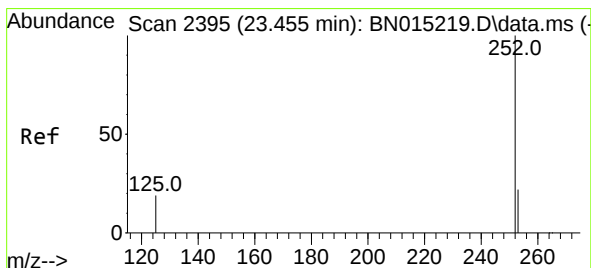
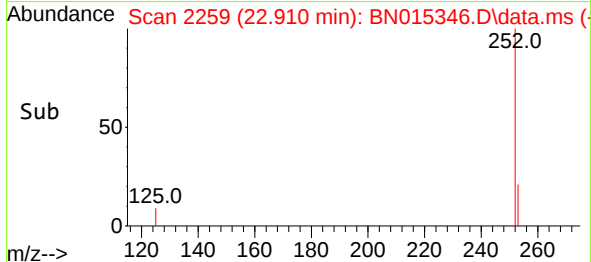
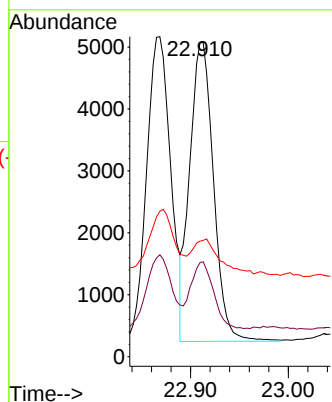
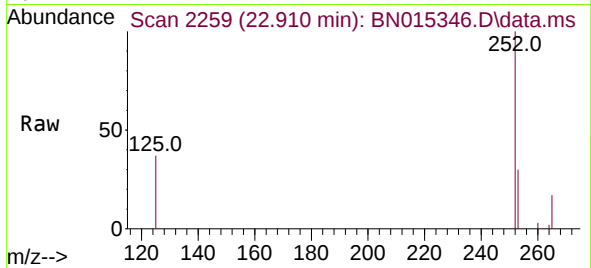




#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.910 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

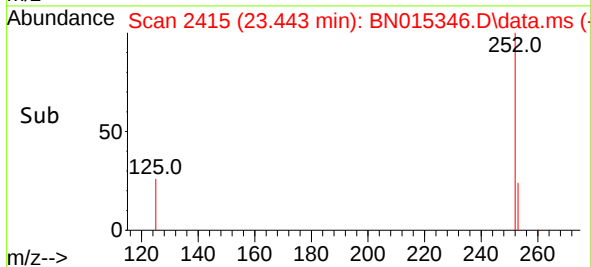
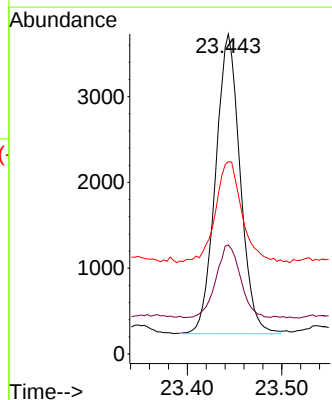
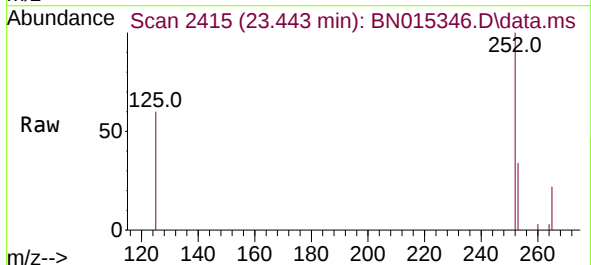
Instrument :
BNA_N
ClientSampleId :
MW-03-1.5-6.5-062921

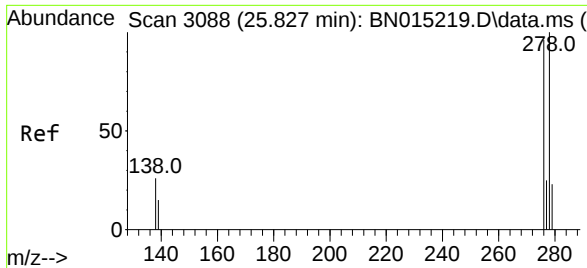
Tgt Ion:252 Resp: 8194
Ion Ratio Lower Upper
252 100
253 29.9 19.1 28.7#
125 36.8 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.443 min Scan# 2415
Delta R.T. -0.011 min
Lab File: BN015346.D
Acq: 06 Jul 2021 19:50

Tgt Ion:252 Resp: 6312
Ion Ratio Lower Upper
252 100
253 34.0 19.4 29.2#
125 60.1 7.4 11.2#





#40

Dibenzo(a,h)anthracene

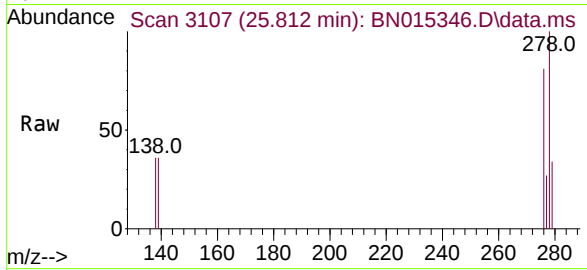
Concen: 0.03 ng

RT: 25.812 min Scan# 3107

Delta R.T. -0.014 min

Lab File: BN015346.D

Acq: 06 Jul 2021 19:50



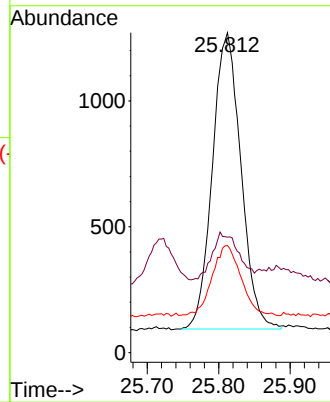
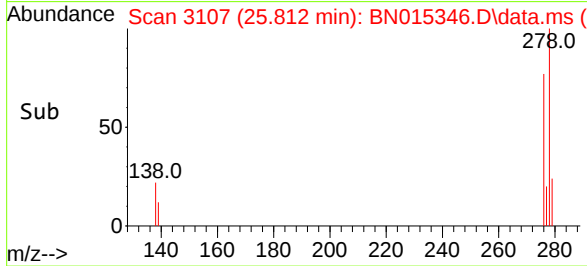
Tgt Ion: 278 Resp: 3269

Ion Ratio Lower Upper

278 100

139 36.1 9.0 13.4#

279 33.5 21.0 31.4#



Instrument :

BNA_N

ClientSampleId :

MW-03-1.5-6.5-062921