

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015019.D
 Acq On : 23 Jun 2021 21:18
 Operator : CG/JU
 Sample : M2799-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8D

Quant Time: Jun 24 01:11:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

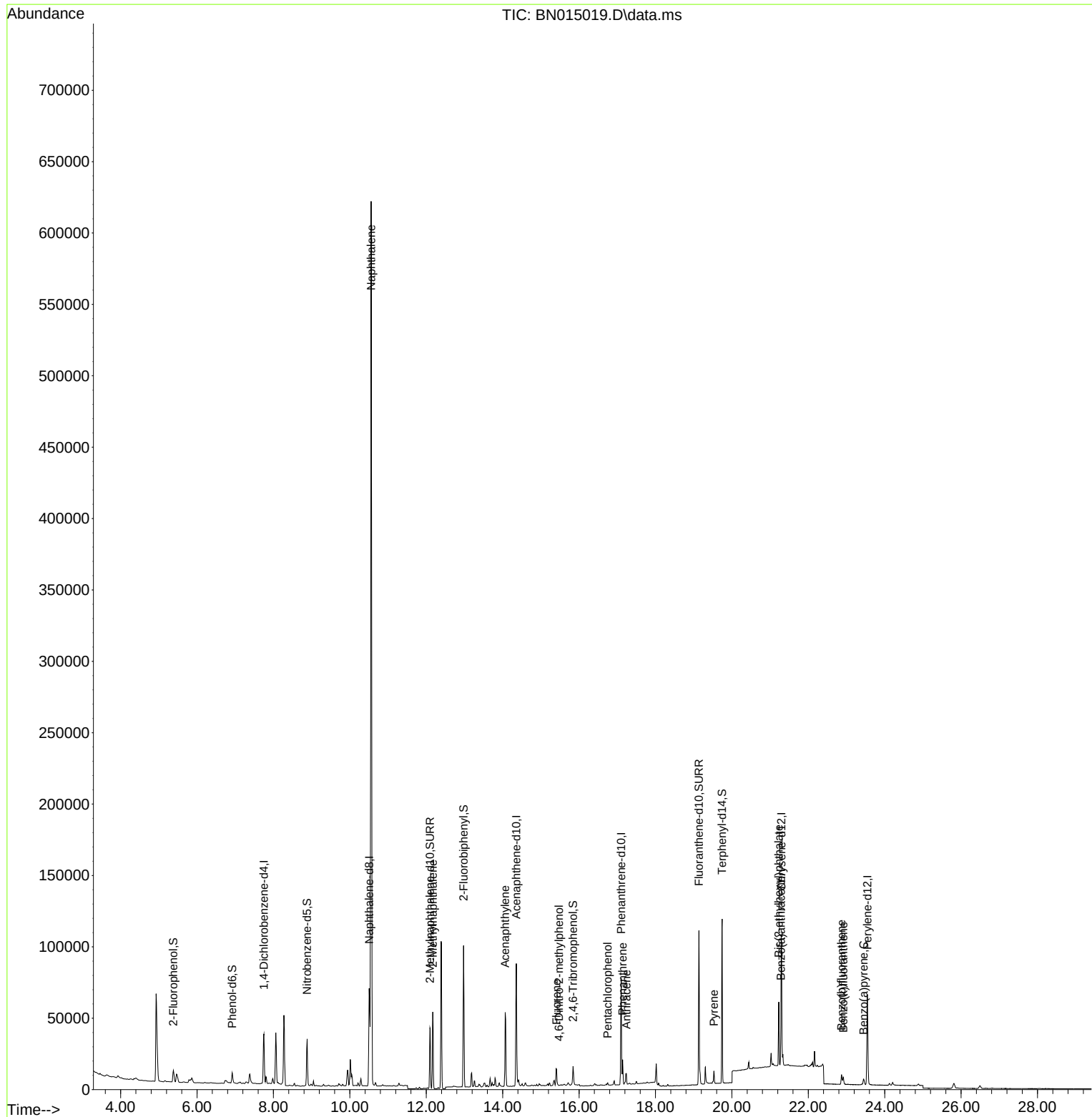
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20882	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	93822	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	51349	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	99725	0.40	ng	# 0.00
29) Chrysene-d12	21.292	240	89423	0.40	ng	#-0.01
35) Perylene-d12	23.547	264	82250	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	10085	0.16	ng	0.00
5) Phenol-d6	6.920	99	7057	0.09	ng	0.00
8) Nitrobenzene-d5	8.883	82	28004	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	56799	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	9376	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	82604	0.42	ng	0.00
27) Fluoranthene-d10	19.138	212	115040	0.37	ng	0.00
31) Terphenyl-d14	19.744	244	111960	0.51	ng	0.00
Target Compounds						
9) Naphthalene	10.556	128	795823	3.03	ng	Qvalue 97
12) 2-Methylnaphthalene	12.173	142	38533	0.22	ng	# 90
16) Acenaphthylene	14.067	152	63631	0.25	ng	98
18) Fluorene	15.412	166	9047	0.05	ng	98
20) 4,6-Dinitro-2-methylph...	15.475	198	48	0.11	ng	# 13
24) Pentachlorophenol	16.751	266	669	0.03	ng	# 59
25) Phenanthrene	17.140	178	17789	0.06	ng	97
26) Anthracene	17.238	178	9381	0.03	ng	98
30) Pyrene	19.531	202	7716	0.02	ng	99
32) Benzo(a)anthracene	21.282	228	7295	0.02	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.228	149	37469	0.16	ng	# 88
37) Benzo(b)fluoranthene	22.869	252	8588	0.03	ng	# 71
38) Benzo(k)fluoranthene	22.917	252	6723	0.02	ng	# 64
39) Benzo(a)pyrene	23.448	252	5925	0.02	ng	# 56

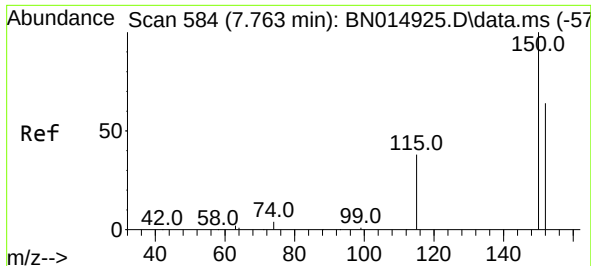
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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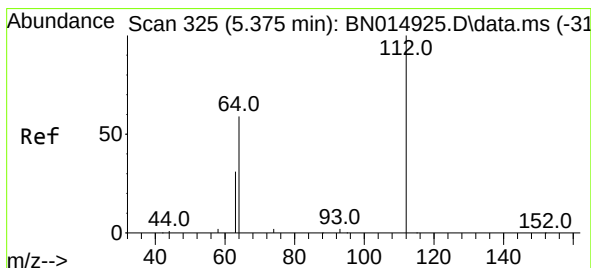
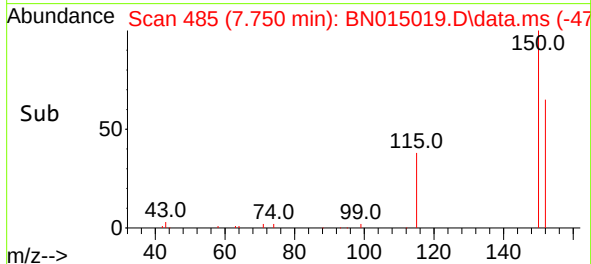
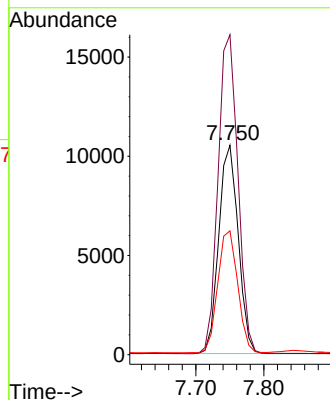
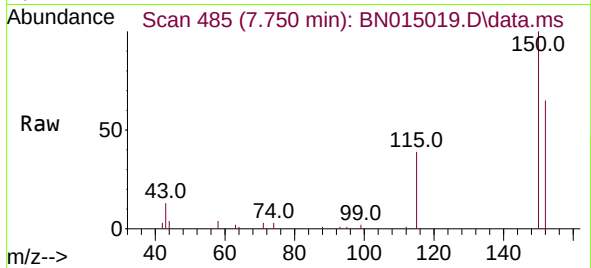




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. 0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

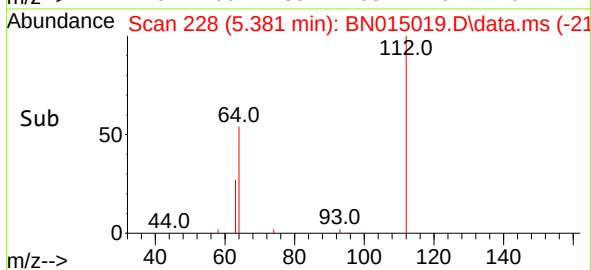
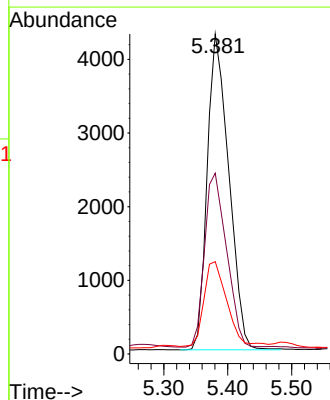
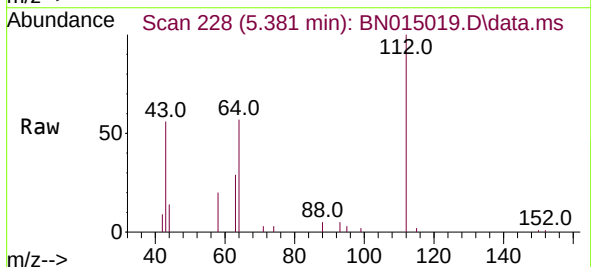
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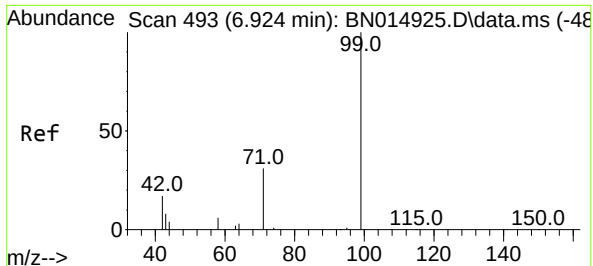
Tgt Ion:152 Resp: 20882
 Ion Ratio Lower Upper
 152 100
 150 152.8 119.0 178.6
 115 59.2 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.381 min Scan# 228
 Delta R.T. 0.009 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

Tgt Ion:112 Resp: 10085
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.0 58.6
 63 28.6 20.6 30.8

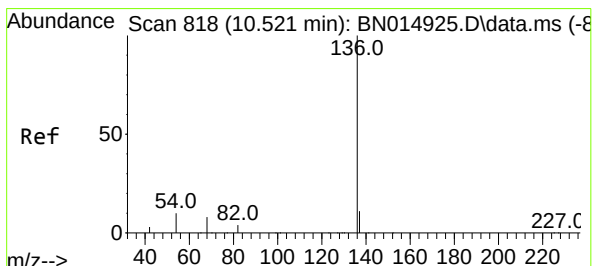
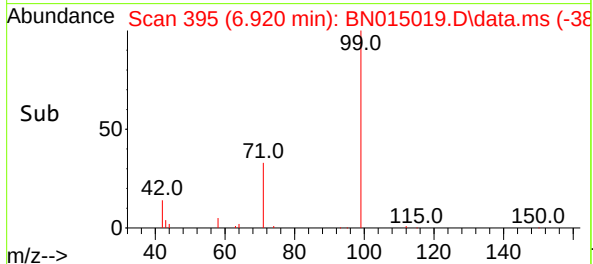
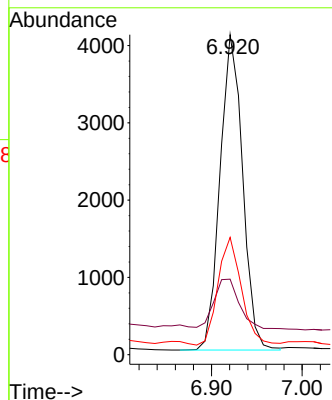
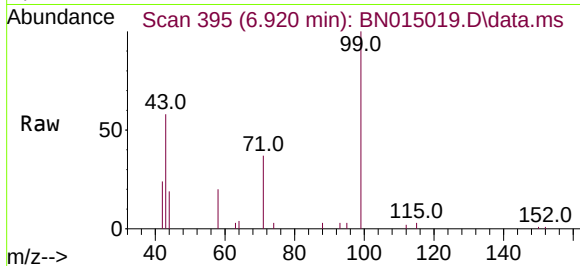




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

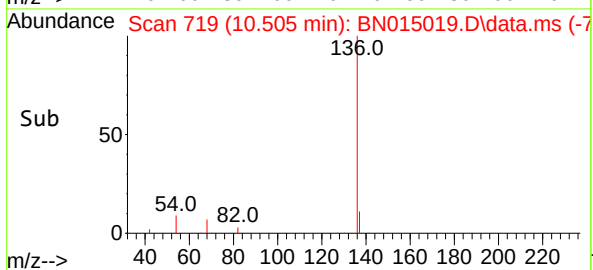
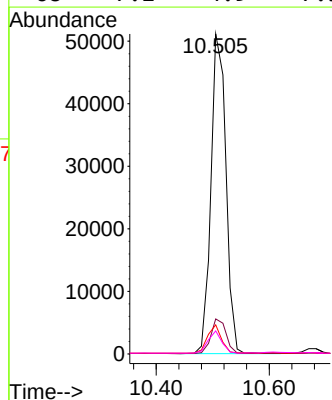
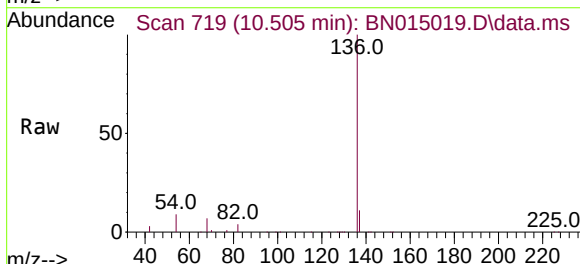
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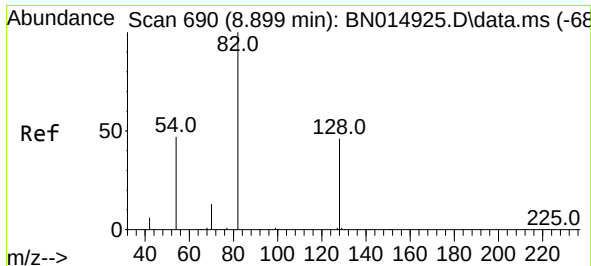
Tgt Ion: 99 Resp: 7057
Ion Ratio Lower Upper
99 100
42 17.3 8.9 13.3#
71 35.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion: 136 Resp: 93822
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 9.1 5.4 8.2#
68 7.2 4.9 7.3

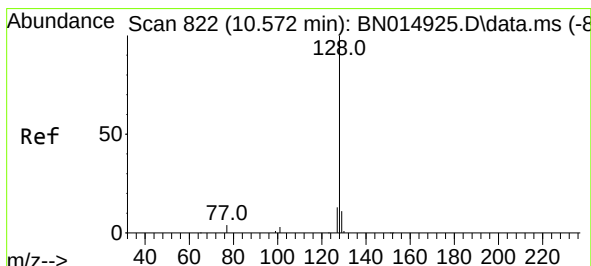
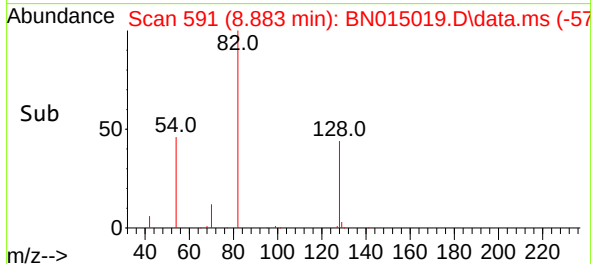
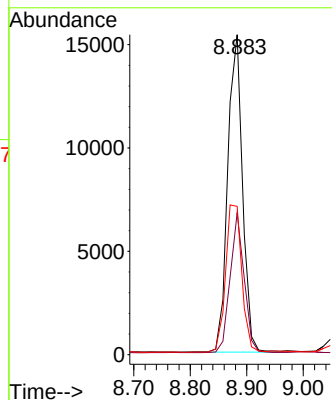
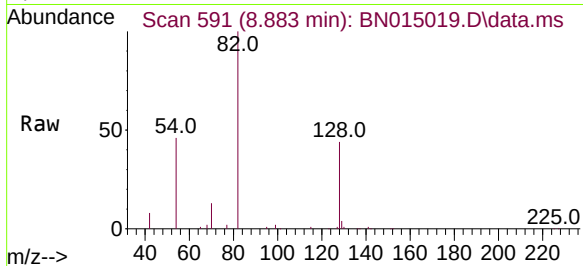




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

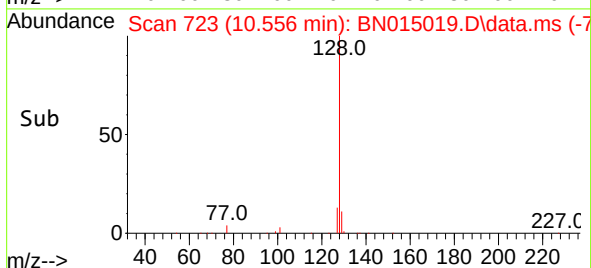
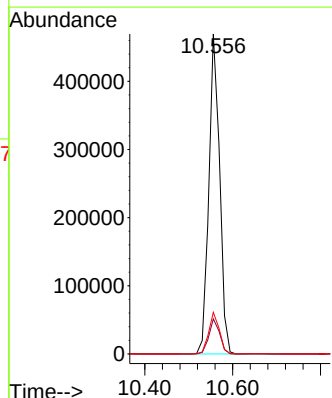
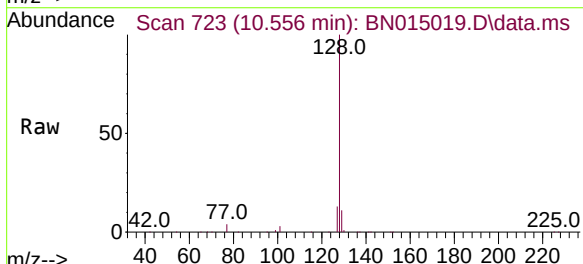
Instrument :
BNA_N
ClientSampleId :
MW-8D

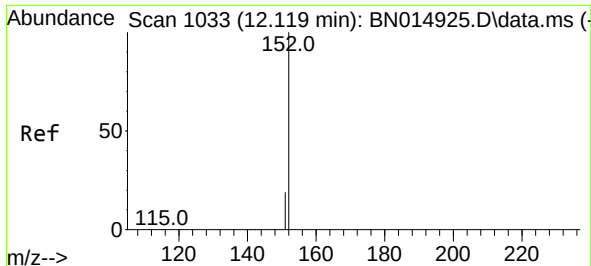
Tgt Ion: 82 Resp: 28004
Ion Ratio Lower Upper
82 100
128 44.4 31.6 47.4
54 46.4 29.0 43.4#



#9
Naphthalene
Concen: 3.03 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:128 Resp: 795823
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 11.8 17.6

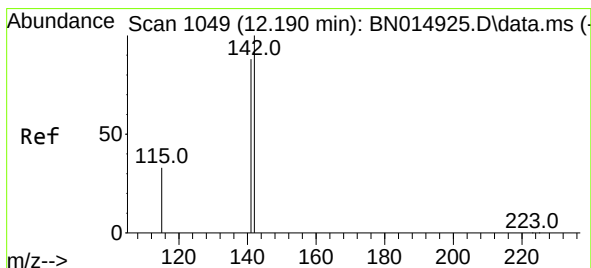
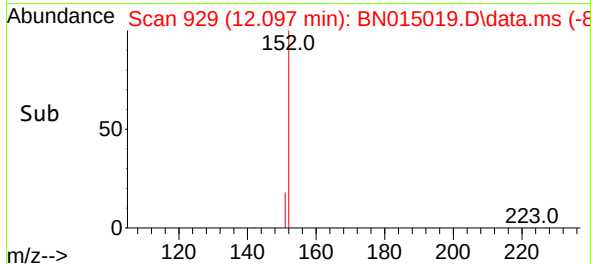
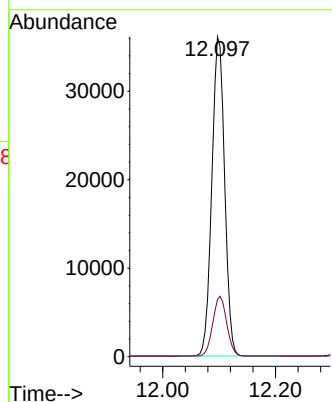
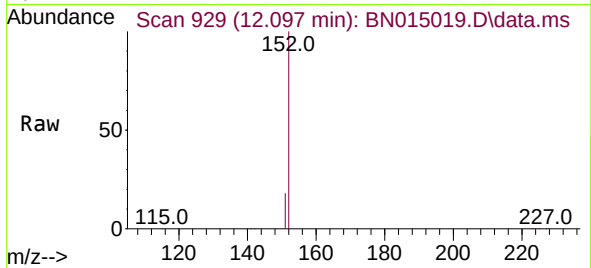




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

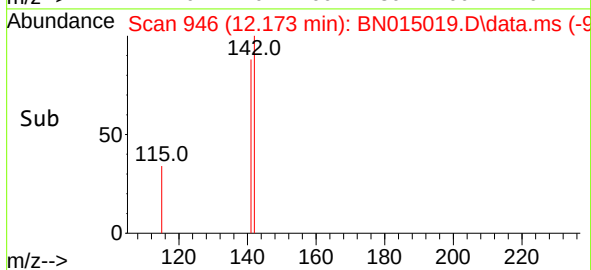
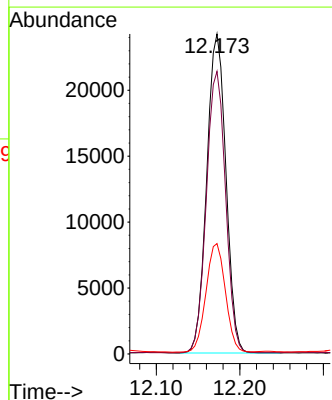
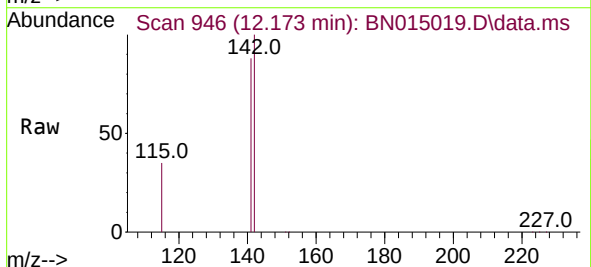
Instrument :
BNA_N
ClientSampleId :
MW-8D

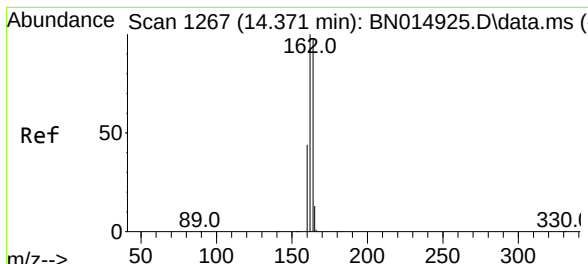
Tgt Ion:152 Resp: 56799
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.173 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:142 Resp: 38533
Ion Ratio Lower Upper
142 100
141 88.3 72.3 108.5
115 34.5 40.7 61.1#

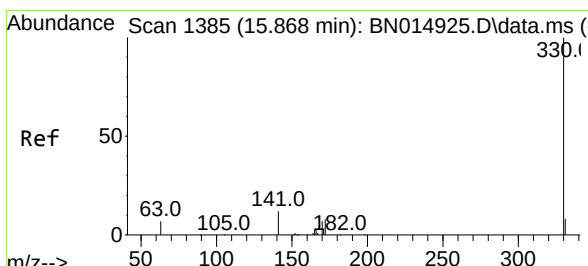
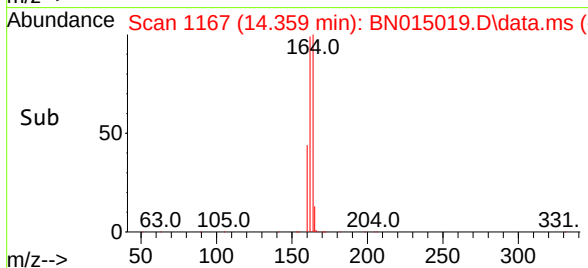
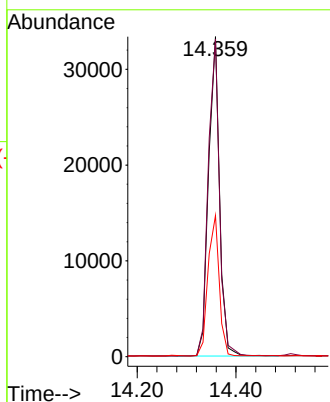
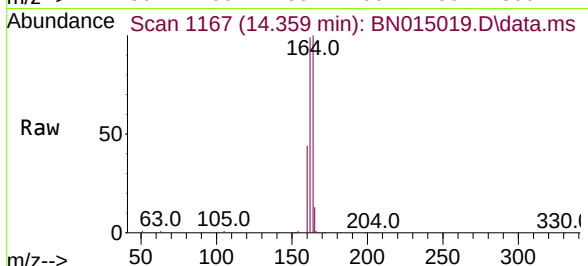




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.359 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

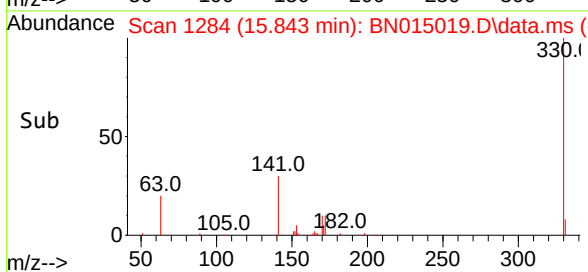
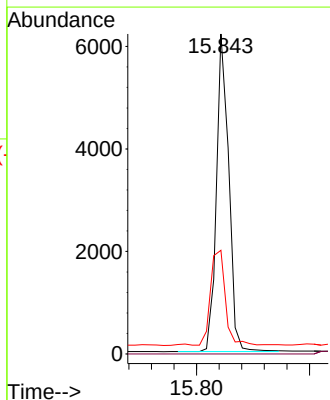
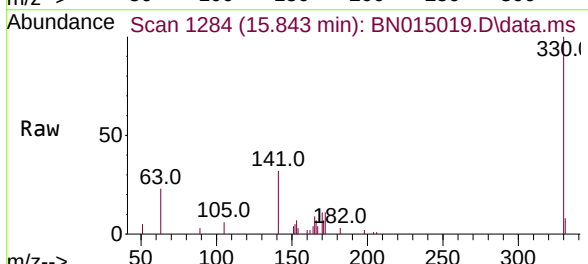
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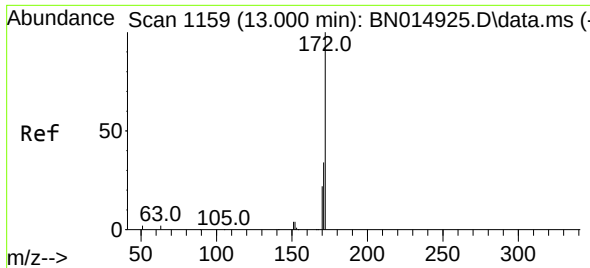
Tgt Ion:	164	Resp:	51349
Ion Ratio	Lower	Upper	
164	100		
162	99.2	83.8	125.6
160	44.1	37.4	56.0



#14
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 15.843 min Scan# 1284
 Delta R.T. -0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

Tgt Ion:	330	Resp:	9376
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	35.8	22.4	33.6#

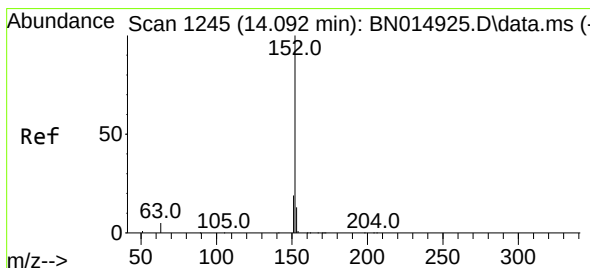
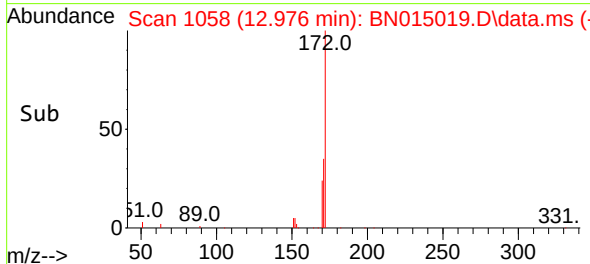
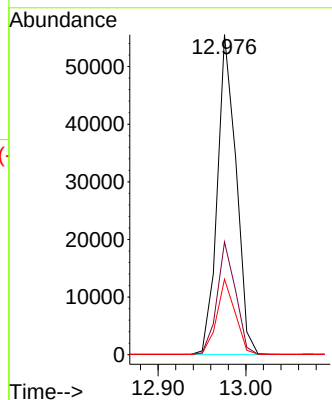
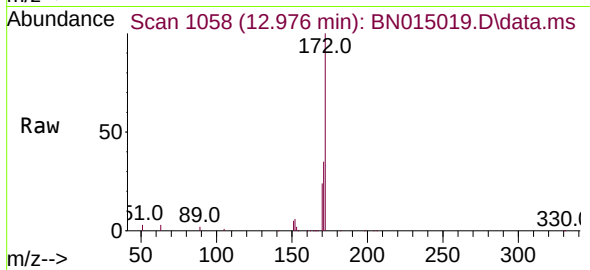




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

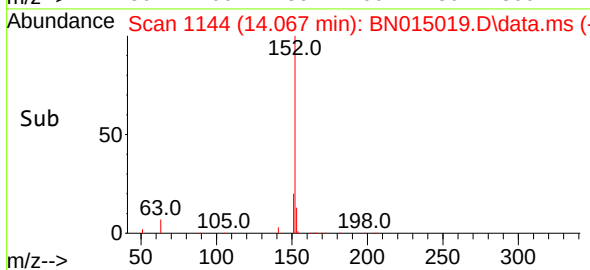
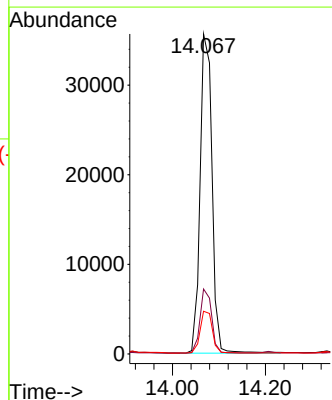
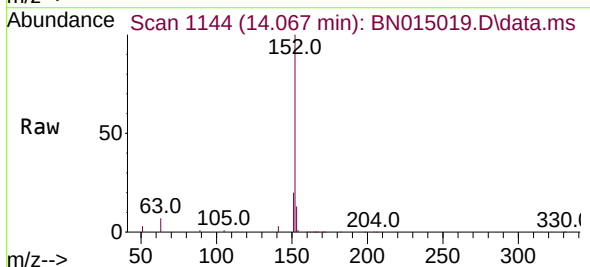
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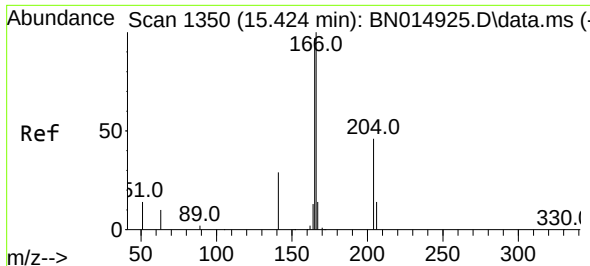
Tgt Ion:172 Resp: 82604
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 23.6 20.2 30.4



#16
Acenaphthylene
Concen: 0.25 ng
RT: 14.067 min Scan# 1144
Delta R.T. -0.013 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:152 Resp: 63631
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1
153 13.5 10.5 15.7

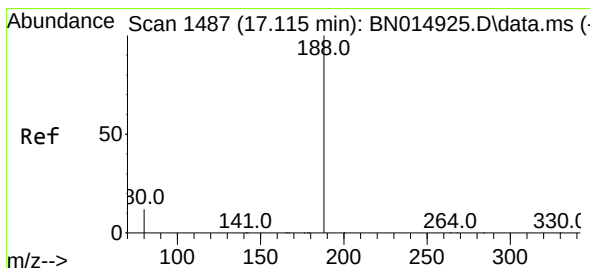
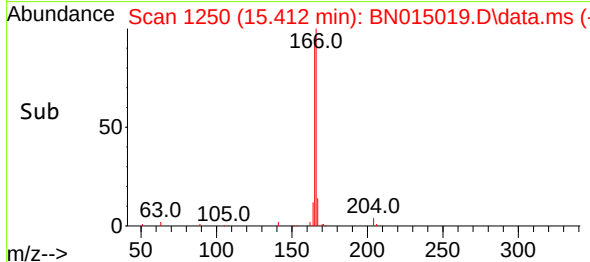
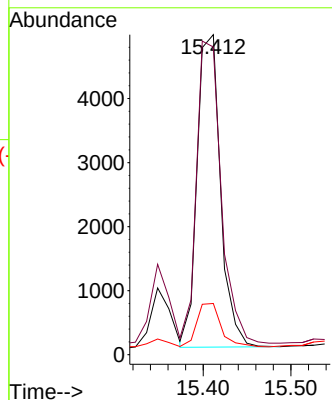
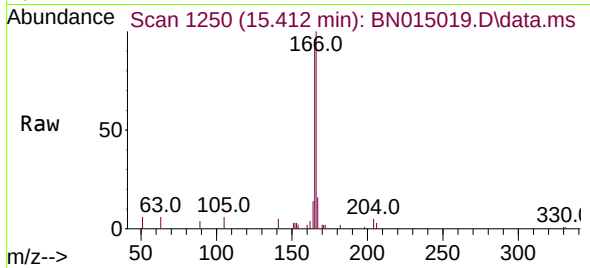




#18
Fluorene
Concen: 0.05 ng
RT: 15.412 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

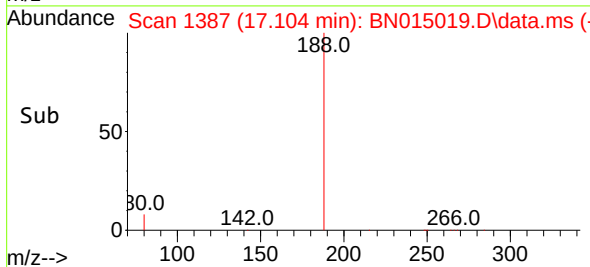
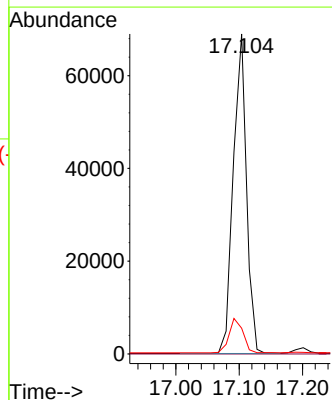
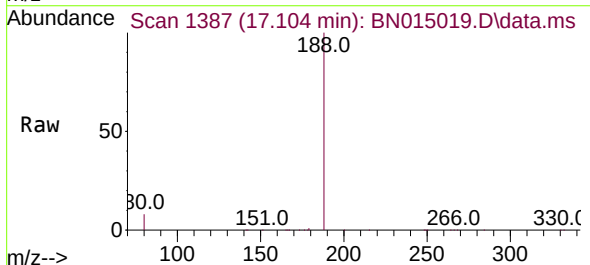
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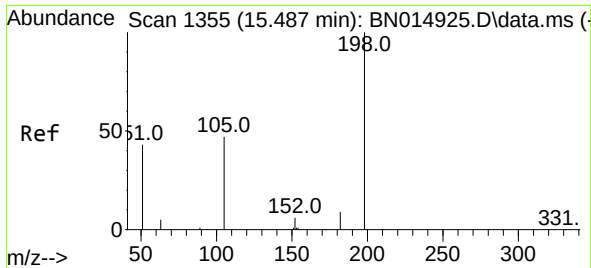
Tgt Ion:166 Resp: 9047
Ion Ratio Lower Upper
166 100
165 101.5 79.2 118.8
167 14.3 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:188 Resp: 99725
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 9.0 13.4#

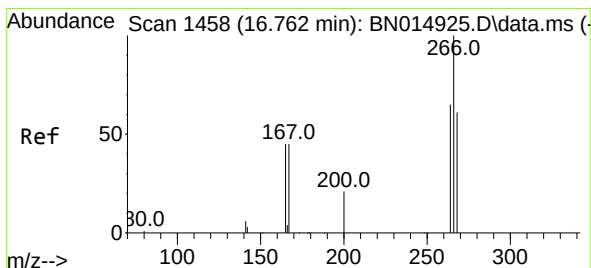
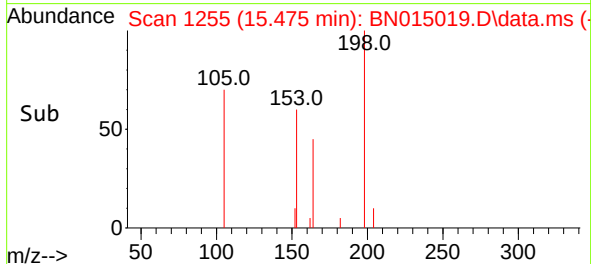
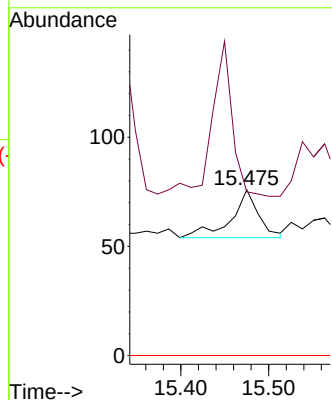
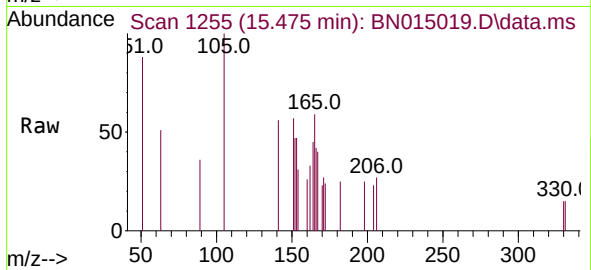




#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

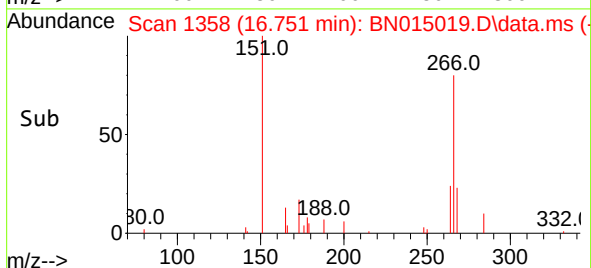
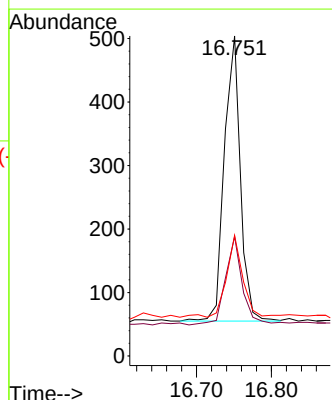
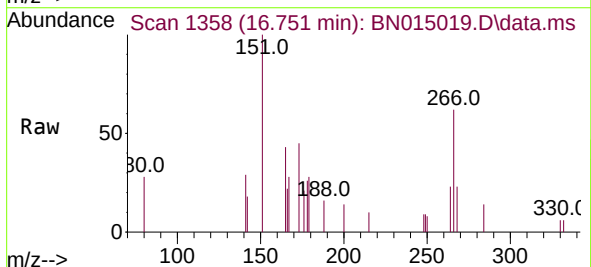
Instrument :
BNA_N
ClientSampled :
MW-8D

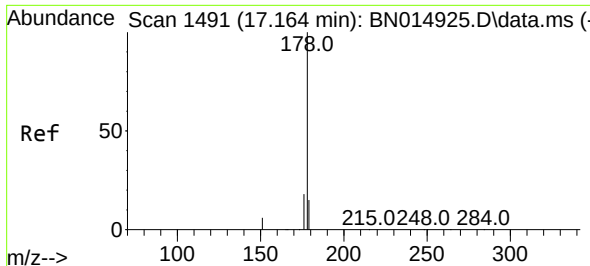
Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
182 98.7 34.5 51.7#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:266 Resp: 669
Ion Ratio Lower Upper
266 100
264 33.2 51.0 76.4#
268 29.3 50.6 76.0#

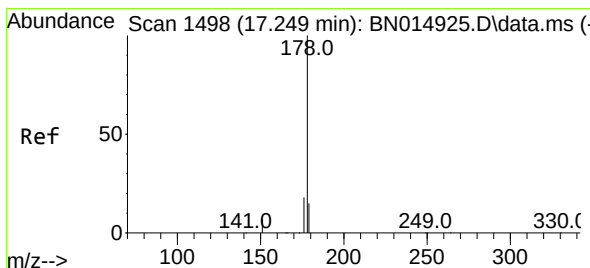
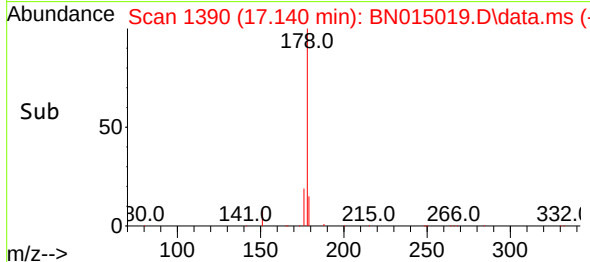
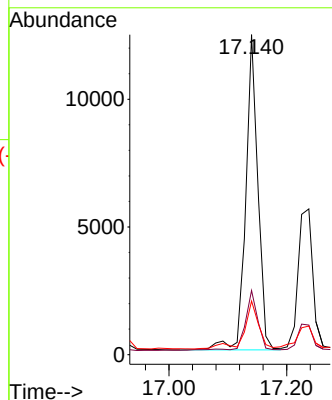
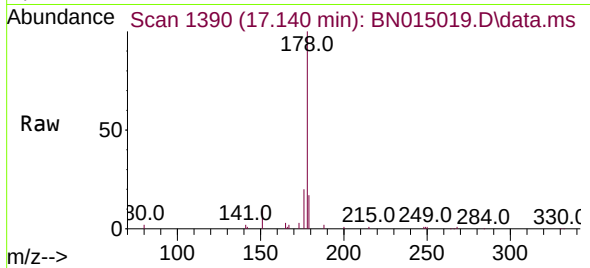




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.140 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

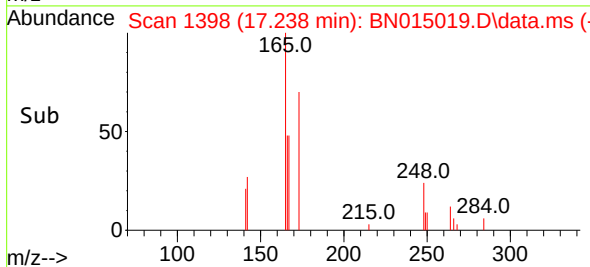
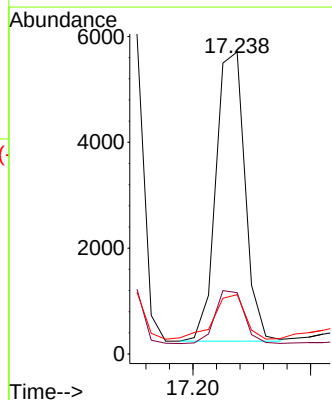
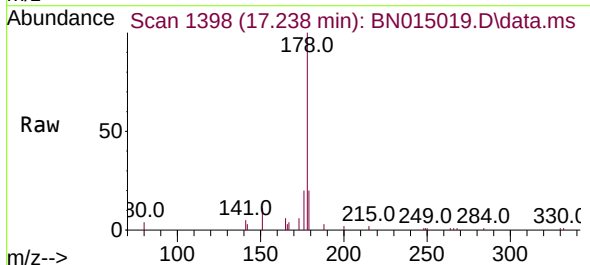
Instrument :
BNA_N
ClientSampleId :
MW-8D

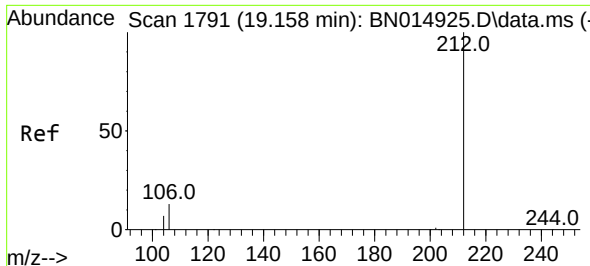
Tgt Ion:178 Resp: 17789
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 17.7 12.1 18.1



#26
Anthracene
Concen: 0.03 ng
RT: 17.238 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:178 Resp: 9381
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 16.6 12.2 18.2

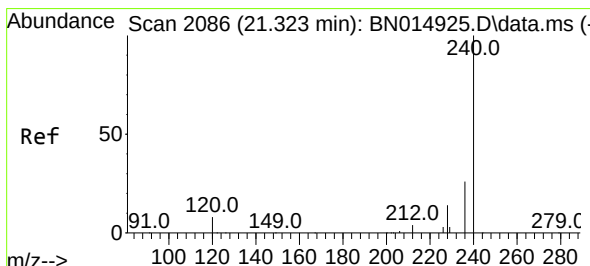
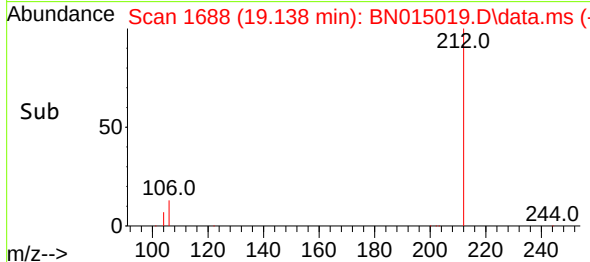
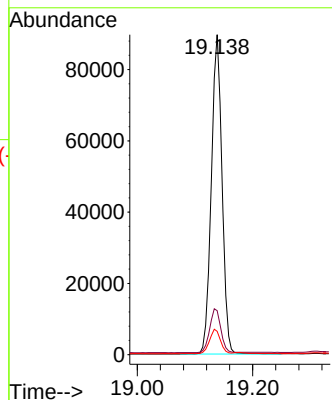
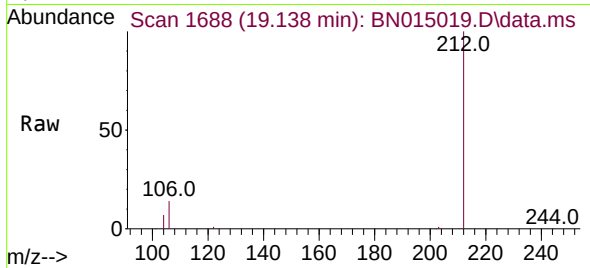




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

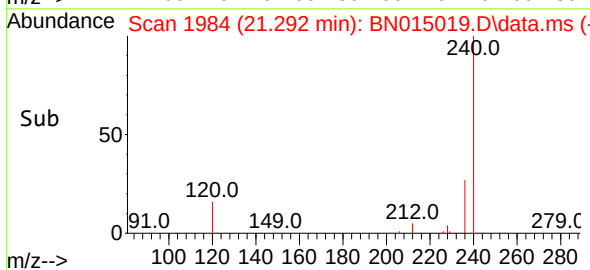
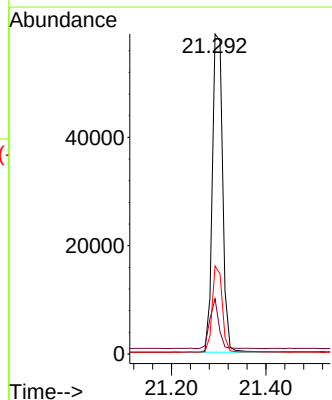
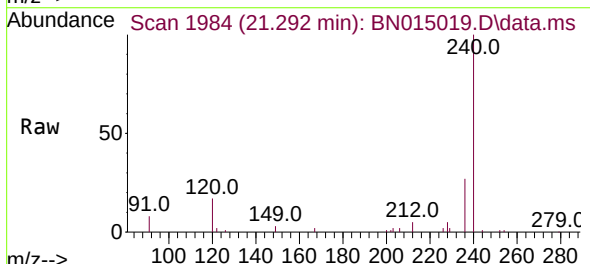
Instrument :
BNA_N
ClientSampleId :
MW-8D

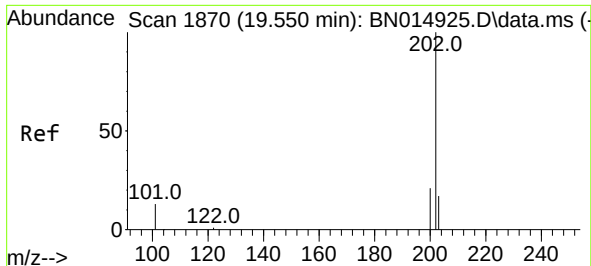
Tgt Ion:212 Resp: 115040
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:240 Resp: 89423
Ion Ratio Lower Upper
240 100
120 17.2 4.2 6.4#
236 27.5 21.4 32.2

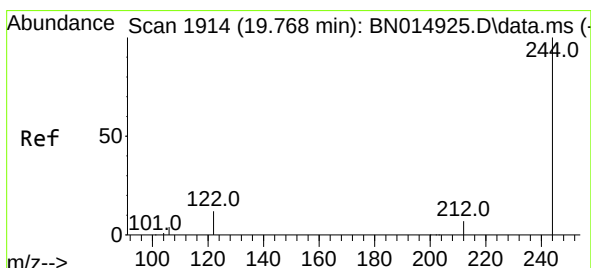
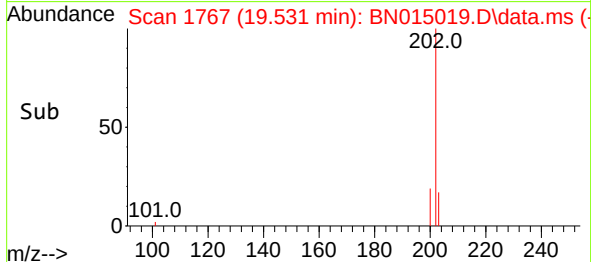
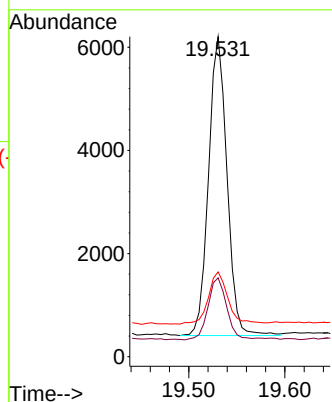
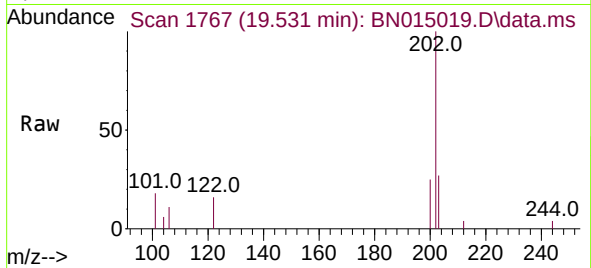




#30
Pyrene
Concen: 0.02 ng
RT: 19.531 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

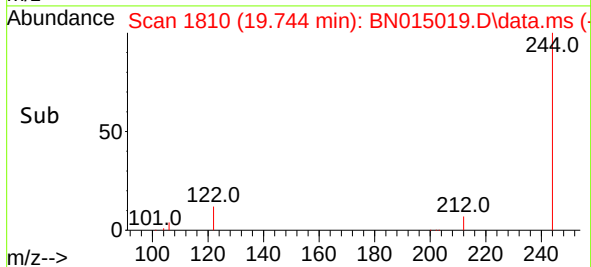
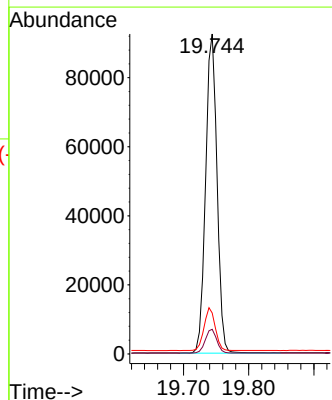
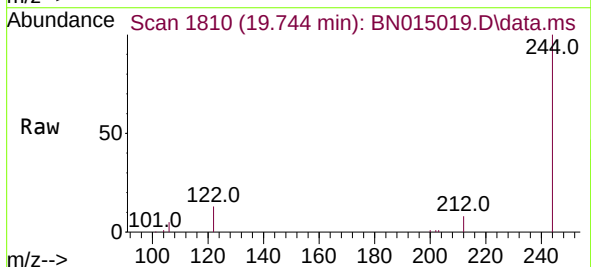
Instrument :
BNA_N
ClientSampleId :
MW-8D

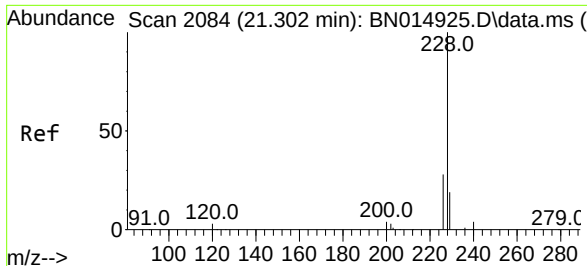
Tgt Ion:	202	Resp:	7716
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	18.5	13.9	20.9



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:	244	Resp:	111960
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.3	9.5
122	12.8	6.2	9.2#

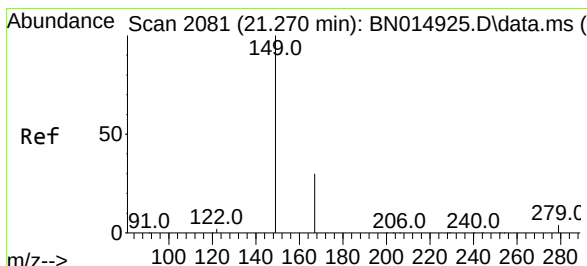
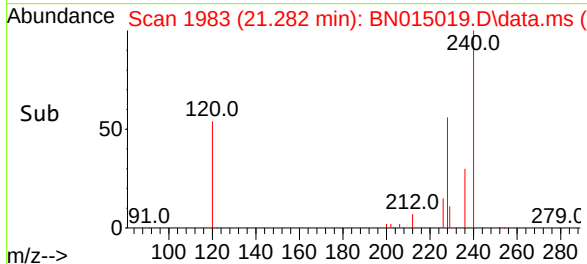
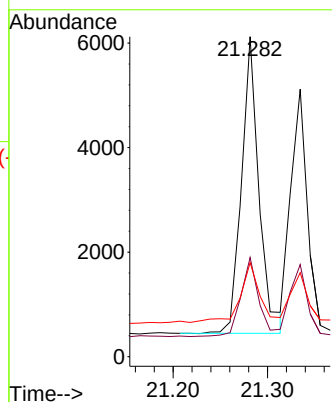
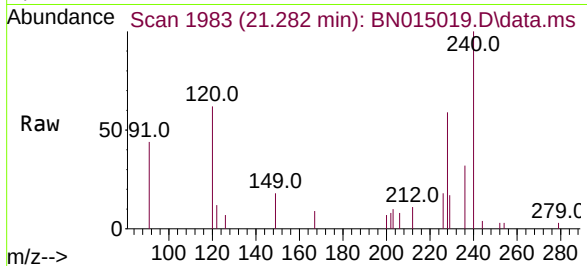




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

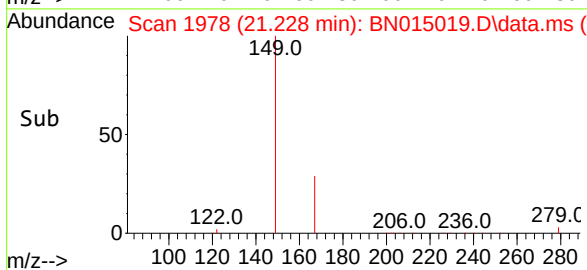
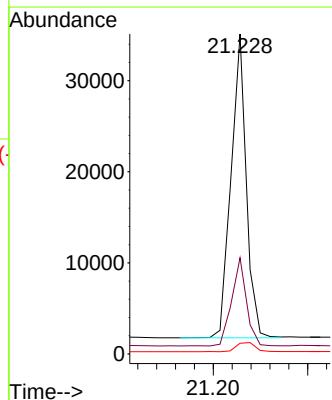
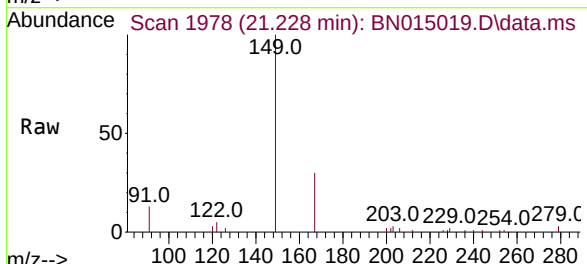
Instrument :
BNA_N
ClientSampleId :
MW-8D

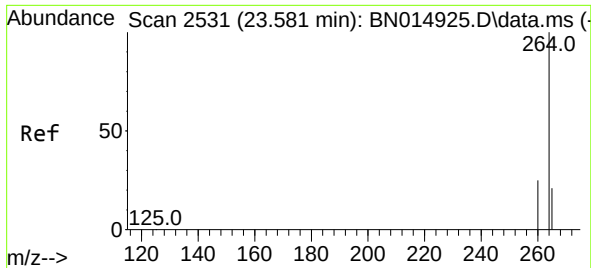
Tgt Ion:228 Resp: 7295
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.6
229 29.4 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:149 Resp: 37469
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.9 4.9 7.3#

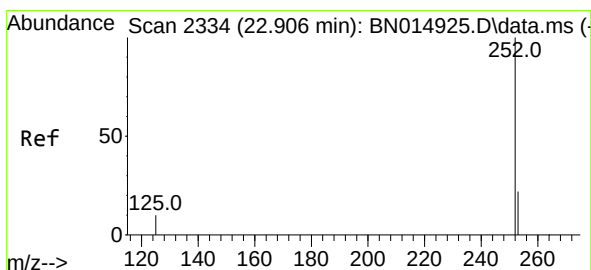
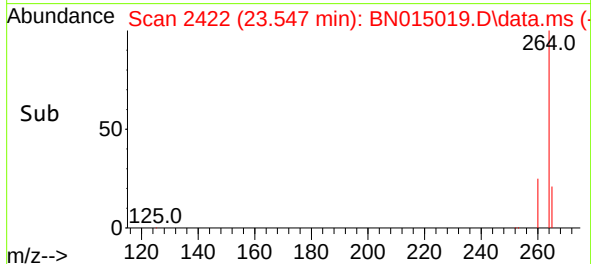
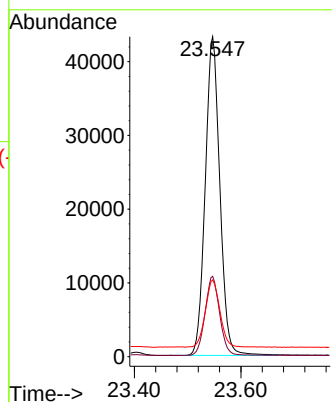
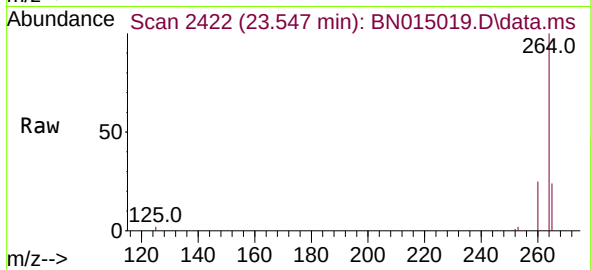




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.547 min Scan# 2422
 Delta R.T. -0.007 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

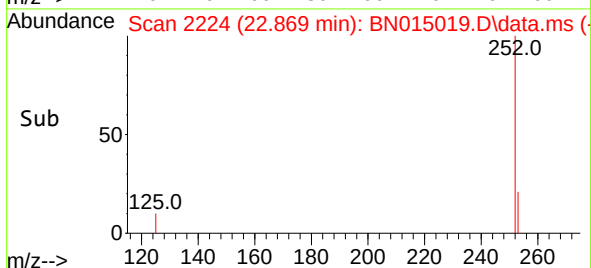
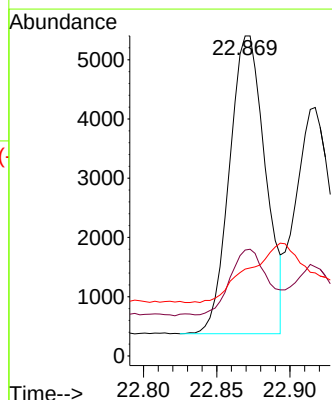
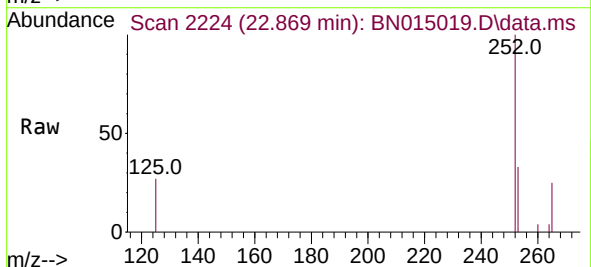
Instrument :
 BNA_N
 ClientSampleId :
 MW-8D

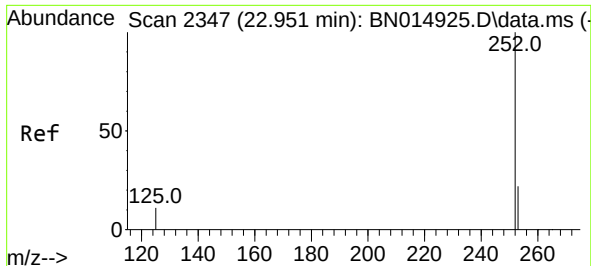
Tgt Ion:264 Resp: 82250
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 24.0 21.4 32.2



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.869 min Scan# 2224
 Delta R.T. -0.007 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

Tgt Ion:252 Resp: 8588
 Ion Ratio Lower Upper
 252 100
 253 33.1 18.5 27.7#
 125 27.2 5.8 8.6#

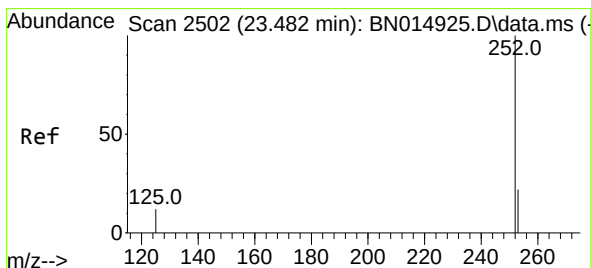
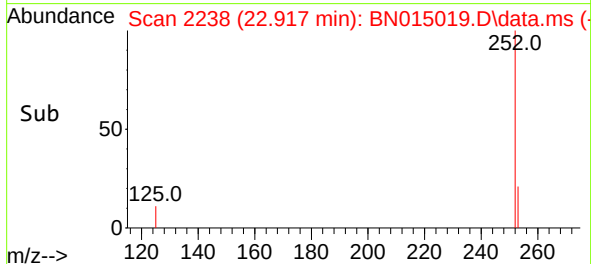
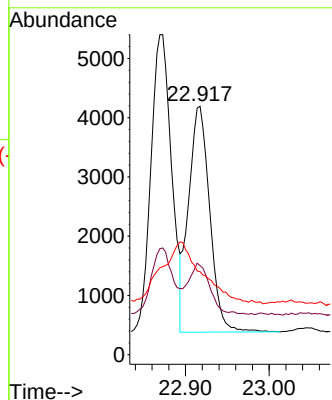
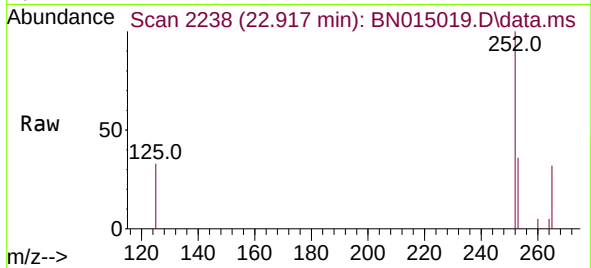




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.917 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Instrument :
BNA_N
ClientSampled :
MW-8D

Tgt Ion:252 Resp: 6723
Ion Ratio Lower Upper
252 100
253 35.8 19.1 28.7#
125 33.4 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.448 min Scan# 2393
Delta R.T. -0.007 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:252 Resp: 5925
Ion Ratio Lower Upper
252 100
253 39.5 19.4 29.2#
125 37.7 7.4 11.2#

