

Data File : BN007515.D
Acq On : 29 Aug 2019 22:53
Operator : HP/JU
Sample : K4524-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MS

Quant Time: Aug 30 02:01:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4967	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	22816	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	14983	0.40	ng	-0.01
19) Phenanthrene-d10	16.79	188	38357	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	40882	0.40	ng	0.00
34) Perylene-d12	23.11	264	38015	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	6556	0.38	ng	0.00
5) Phenol-d6	6.59	99	9363	0.43	ng	0.00
8) Nitrobenzene-d5	8.53	82	5921	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	12950	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	5487	0.70	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	16432	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	32265	0.26	ng	0.00
29) Terphenyl-d14	19.46	244	48440	0.45	ng	0.00

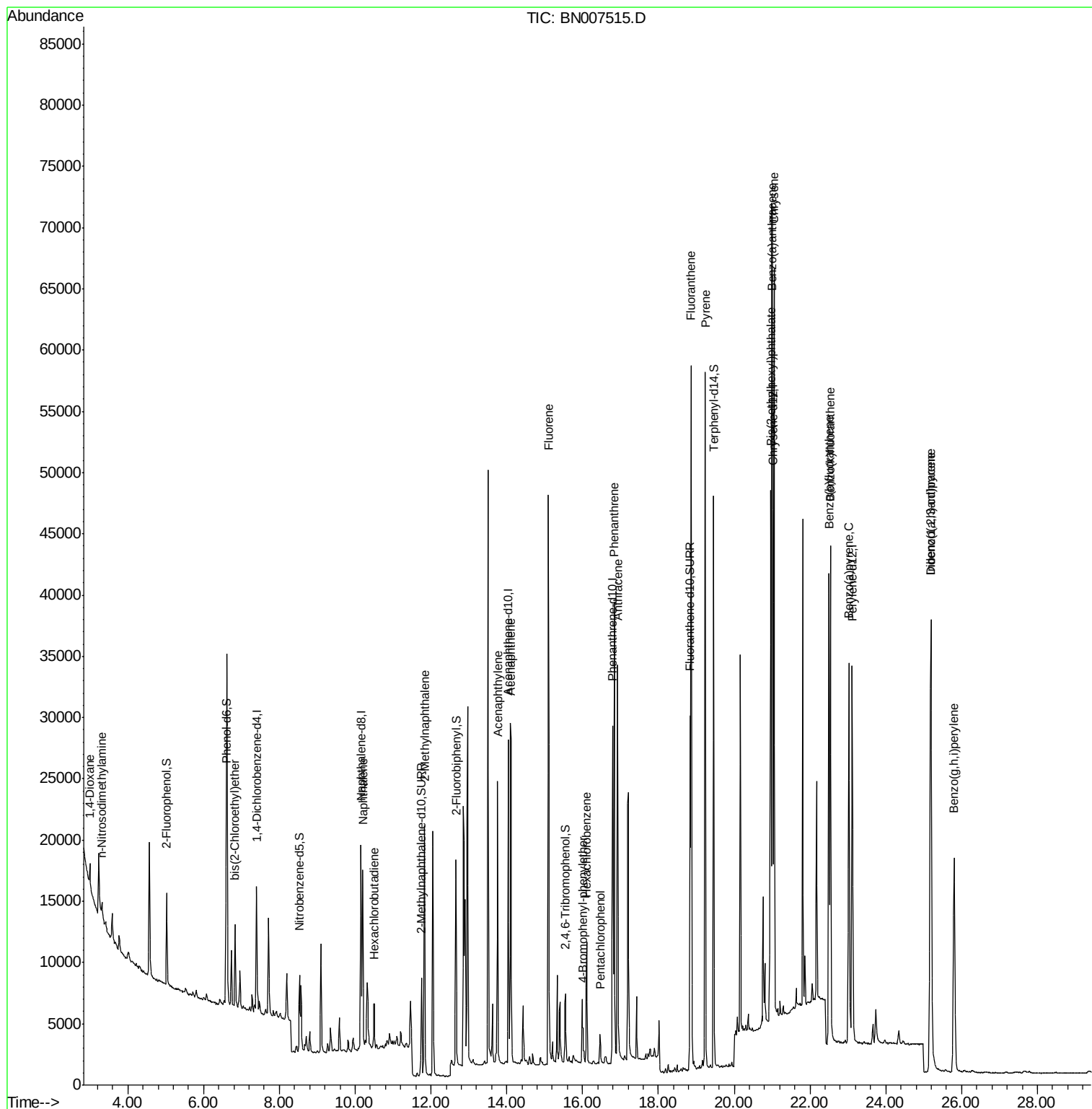
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	1899	0.230	ng	# 86
3) n-Nitrosodimethylamine	3.31	42	988	0.258	ng	# 62
6) bis(2-Chloroethyl)ether	6.83	93	5711	0.318	ng	97
9) Naphthalene	10.20	128	20748	0.318	ng	# 90
10) Hexachlorobutadiene	10.51	225	3571	0.267	ng	# 100
12) 2-Methylnaphthalene	11.83	142	15414	0.347	ng	95
16) Acenaphthylene	13.75	152	26275	0.296	ng	99
17) Acenaphthene	14.11	154	16154	0.311	ng	98
18) Fluorene	15.10	166	22037	0.336	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1676	0.111	ng	# 85
21) Hexachlorobenzene	16.11	284	7850	0.305	ng	96
22) Pentachlorophenol	16.46	266	1558	0.195	ng	# 63
23) Phenanthrene	16.83	178	39733	0.344	ng	99
24) Anthracene	16.93	178	36985	0.319	ng	99
26) Fluoranthene	18.87	202	50734	0.342	ng	99
28) Pyrene	19.23	202	52476	0.319	ng	99
30) Benzo(a)anthracene	21.00	228	50811	0.316	ng	99
31) Chrysene	21.05	228	48421	0.312	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	40325	0.369	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	43592	0.234	ng	98
35) Benzo(b)fluoranthene	22.50	252	46054	0.334	ng	98
36) Benzo(k)fluoranthene	22.54	252	47577	0.349	ng	99
37) Benzo(a)pyrene	23.02	252	42293	0.323	ng	97
38) Dibenzo(a,h)anthracene	25.19	278	35819	0.274	ng	99
39) Benzo(g,h,i)perylene	25.80	276	35929	0.276	ng	99

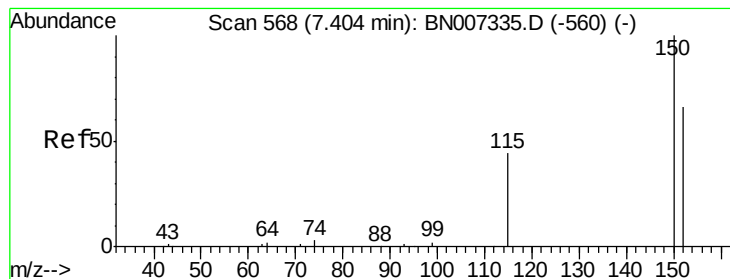
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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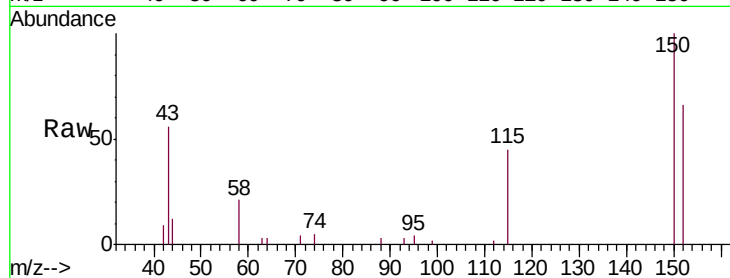


#1

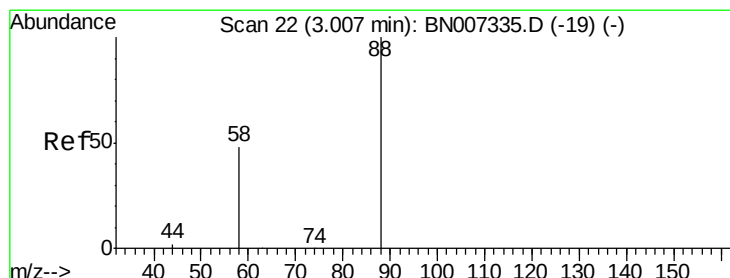
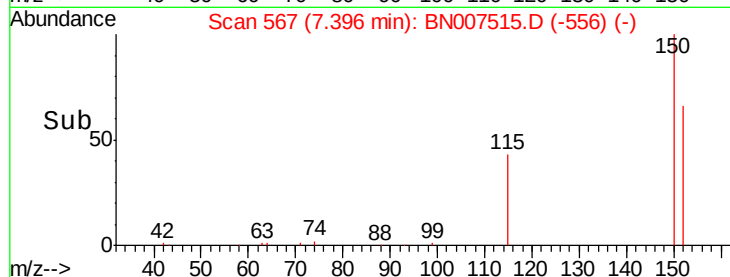
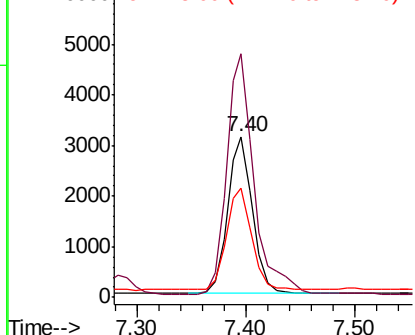
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007515.D
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Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MS

Tgt Ion:152 Resp: 4967
Ion Ratio Lower Upper
152 100
150 151.5 109.1 163.7
115 67.8 59.6 89.4



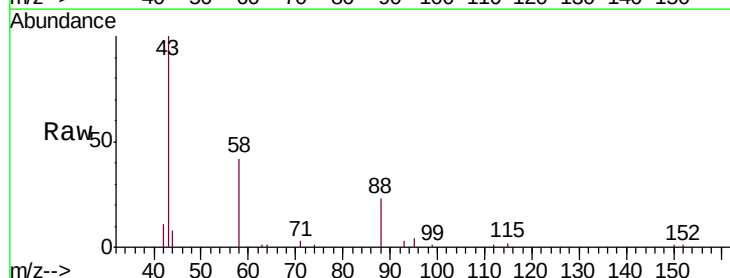
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



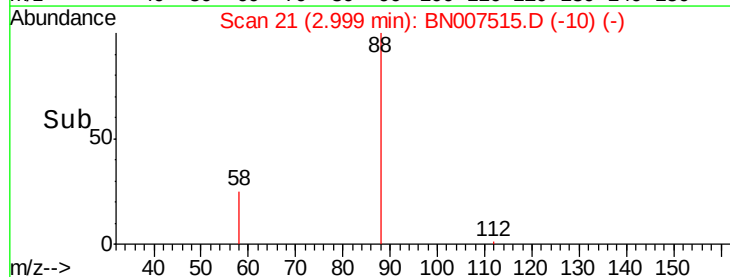
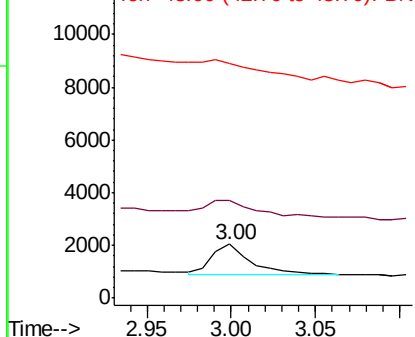
#2

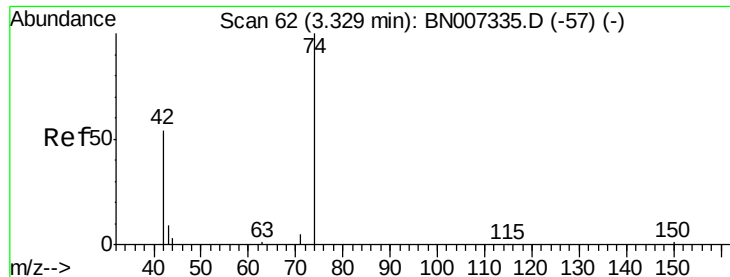
1,4-Dioxane
Concen: 0.230 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Tgt Ion: 88 Resp: 1899
Ion Ratio Lower Upper
88 100
58 74.3 50.5 75.7
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.258 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

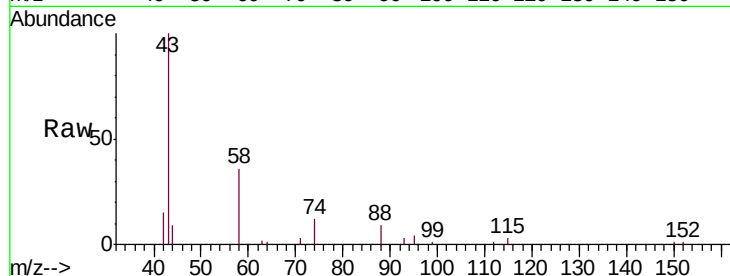
Tgt Ion: 42 Resp: 988

Ion Ratio Lower Upper

42 100

74 236.3 144.7 217.1#

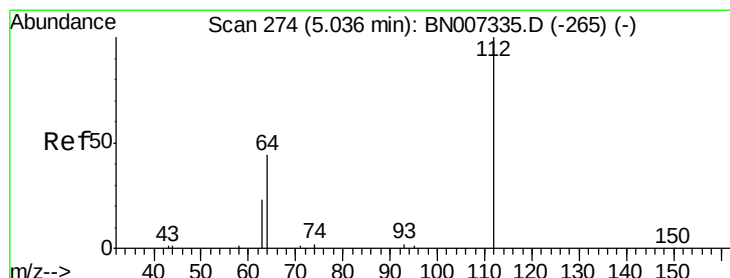
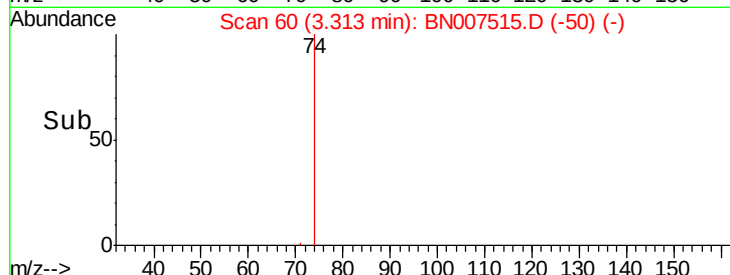
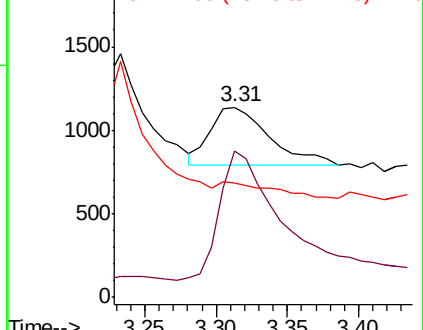
44 0.0 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.379 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

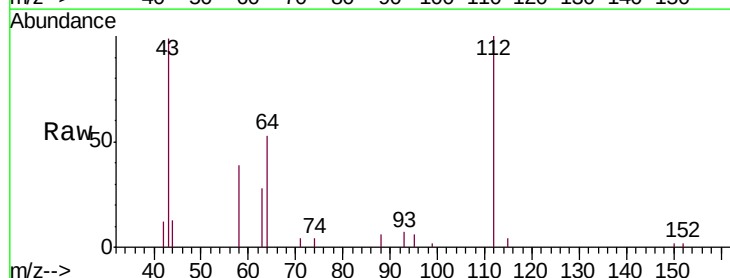
Tgt Ion: 112 Resp: 6556

Ion Ratio Lower Upper

112 100

64 53.9 42.3 63.5

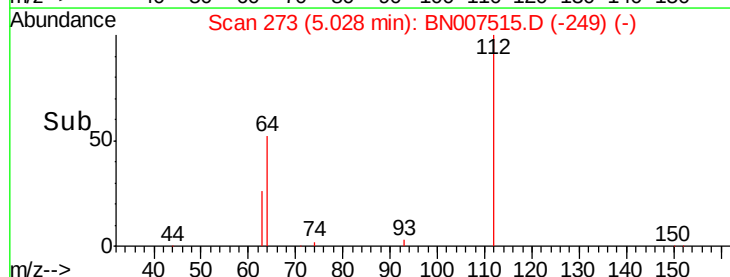
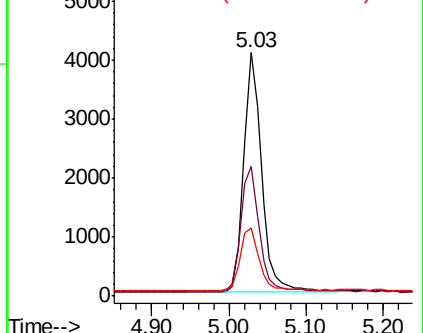
63 28.2 23.6 35.4

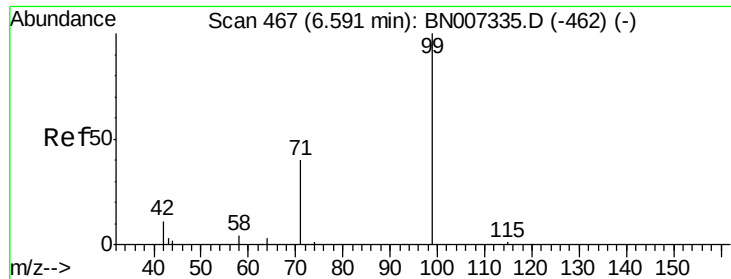


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.429 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

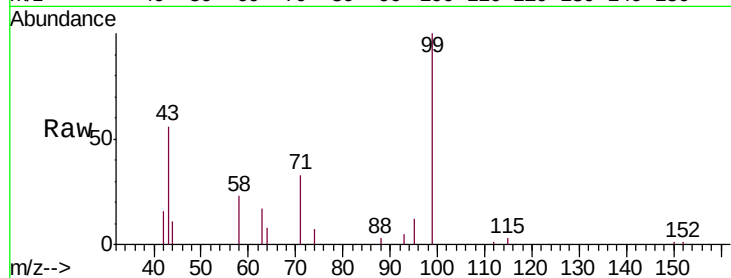
Tgt Ion: 99 Resp: 9363

Ion Ratio Lower Upper

99 100

42 22.0 11.2 16.8#

71 33.1 31.8 47.8



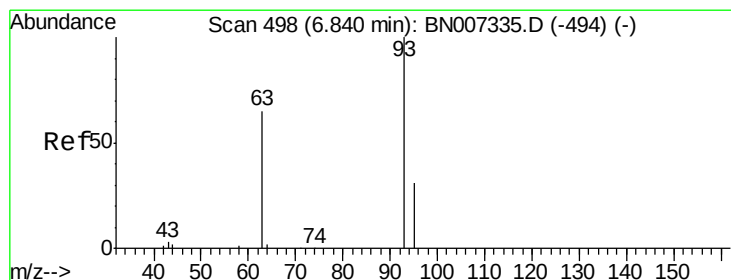
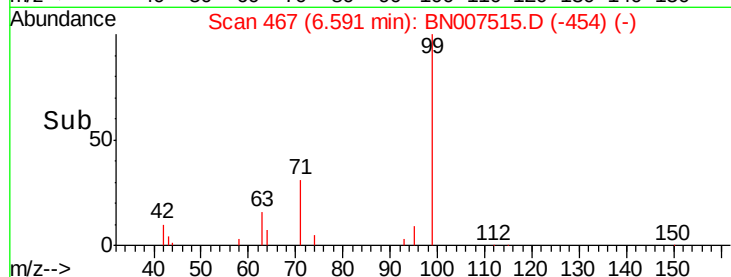
Abundance Ion 99.00 (98.70 to 99.70): BN007515.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007515.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007515.D (-462) (-)

6.59

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

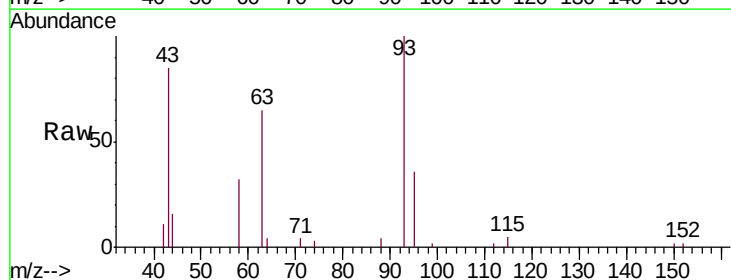
Tgt Ion: 93 Resp: 5711

Ion Ratio Lower Upper

93 100

63 63.3 51.9 77.9

95 31.6 27.7 41.5



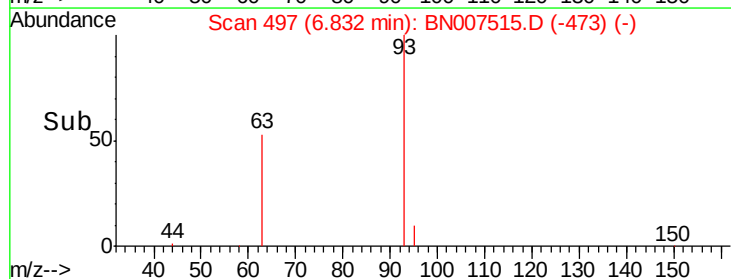
Abundance Ion 93.00 (92.70 to 93.70): BN007515.D (-494) (-)

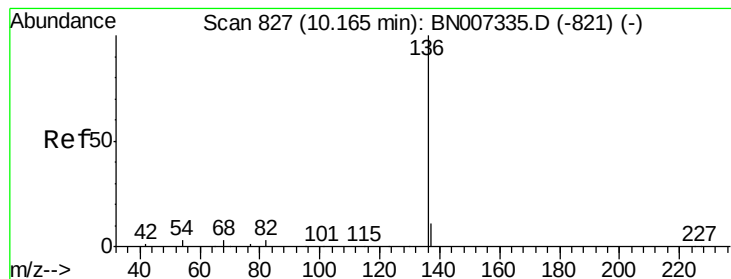
Ion 63.00 (62.70 to 63.70): BN007515.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007515.D (-494) (-)

6.83

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

Tgt Ion:136 Resp: 22816

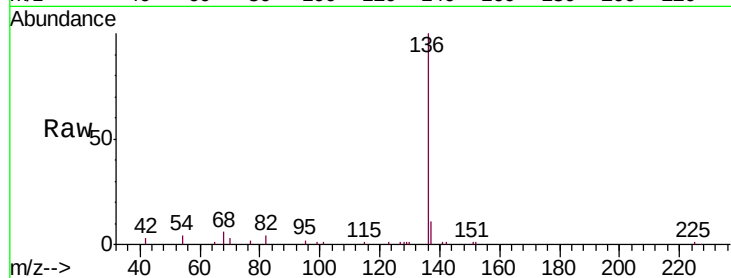
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 4.3 8.6 12.8#

68 5.9 17.0 25.4#

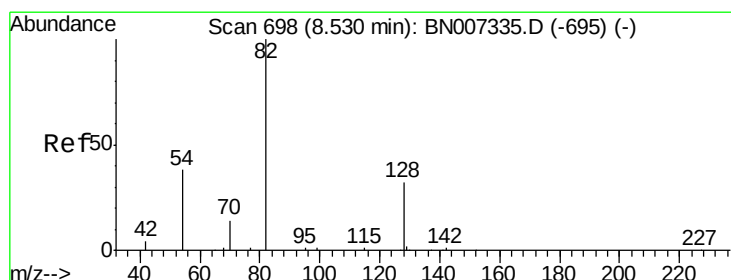
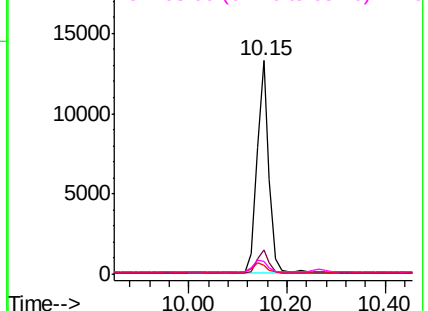
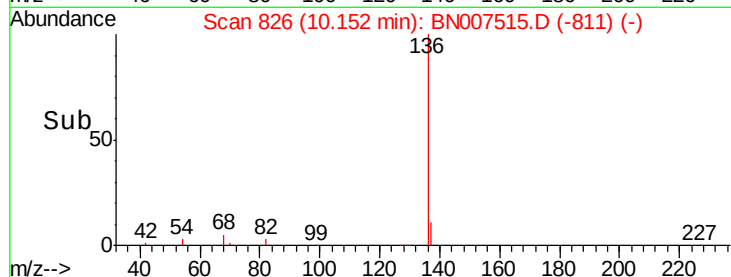


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

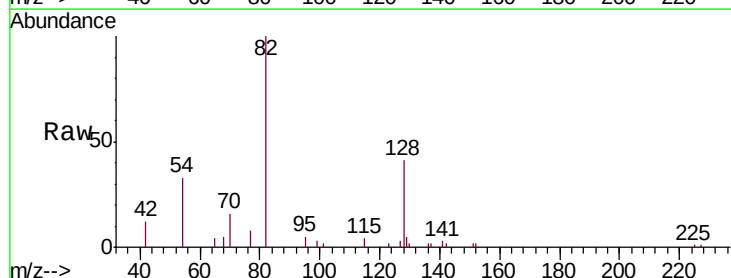
Tgt Ion: 82 Resp: 5921

Ion Ratio Lower Upper

82 100

128 41.3 19.7 29.5#

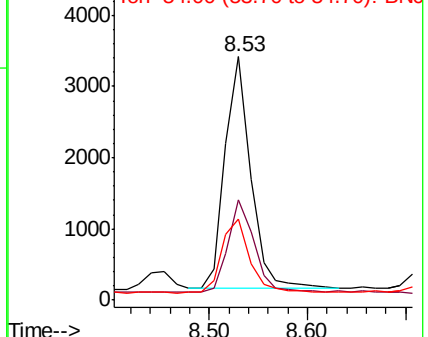
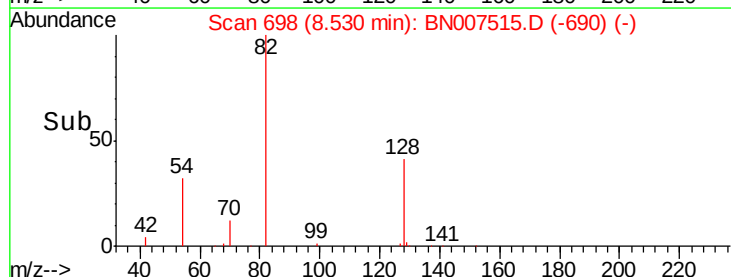
54 33.3 25.8 38.6

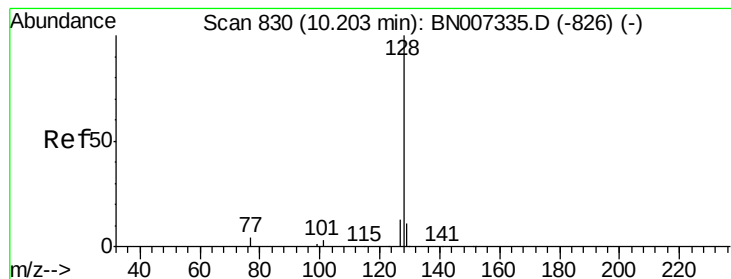


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.318 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007515.D

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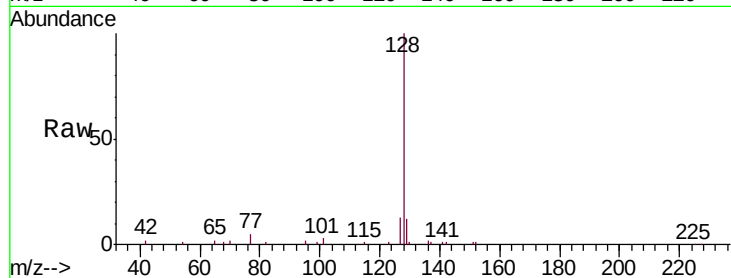
Tgt Ion:128 Resp: 20748

Ion Ratio Lower Upper

128 100

129 11.8 11.1 16.7

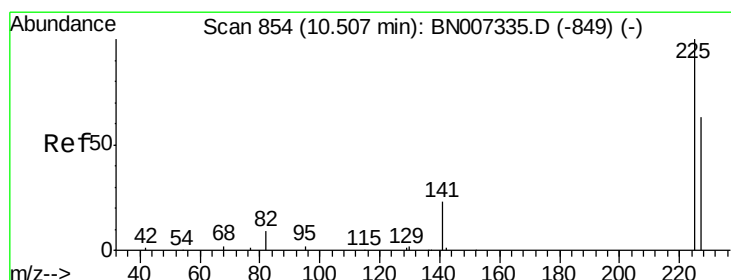
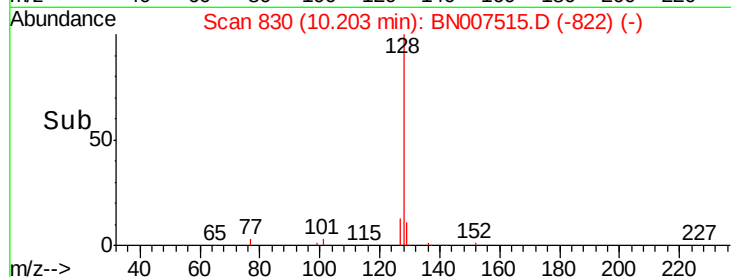
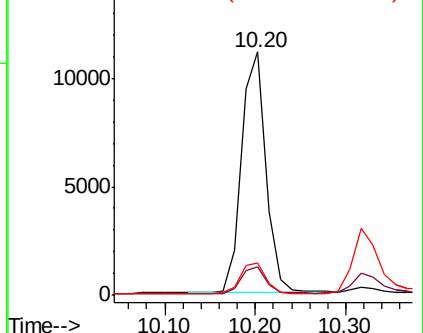
127 13.4 15.5 23.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.267 ng

RT: 10.51 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

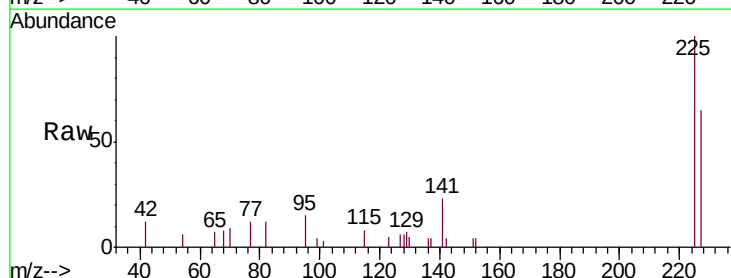
Tgt Ion:225 Resp: 3571

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

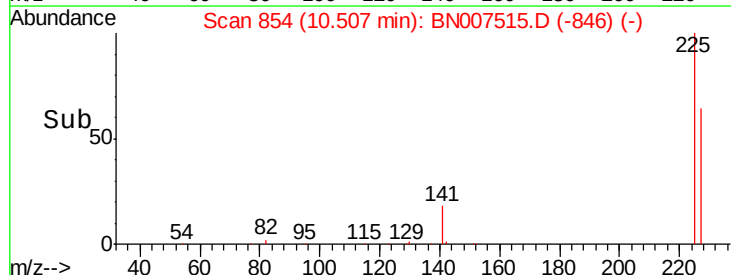
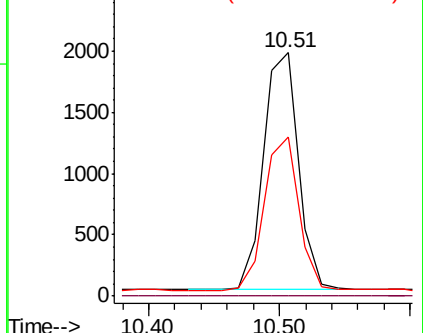
227 63.8 50.7 76.1

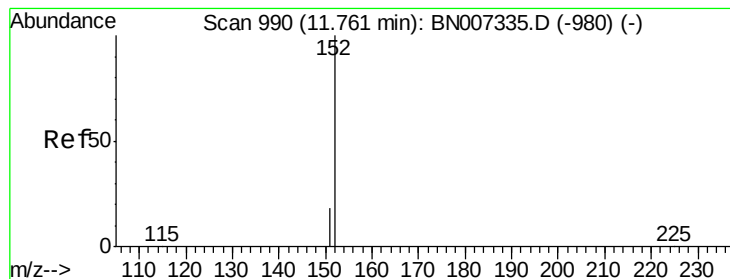


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007515.D

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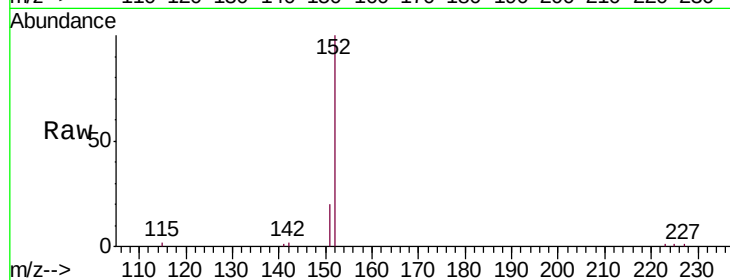
TT-013-IDWSO-20190823MS

Tgt Ion:152 Resp: 12950

Ion Ratio Lower Upper

152 100

151 17.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

4000

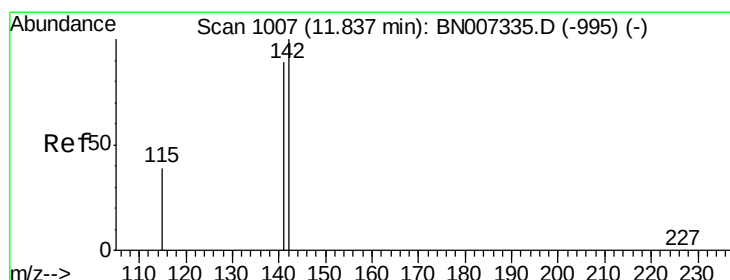
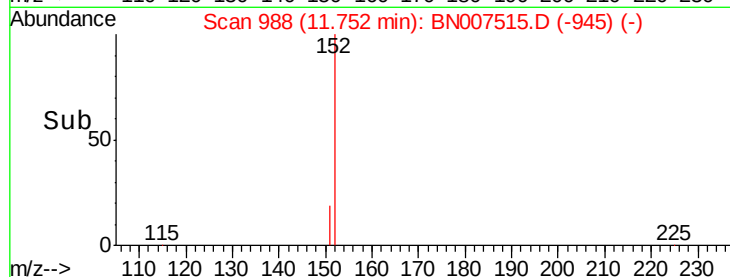
2000

0

11.75

11.70 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.347 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

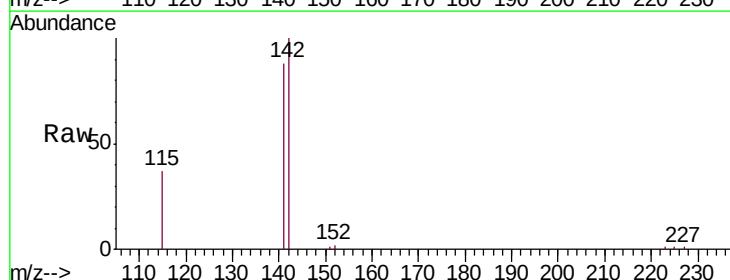
Tgt Ion:142 Resp: 15414

Ion Ratio Lower Upper

142 100

141 88.4 72.8 109.2

115 37.0 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12000

10000

8000

6000

4000

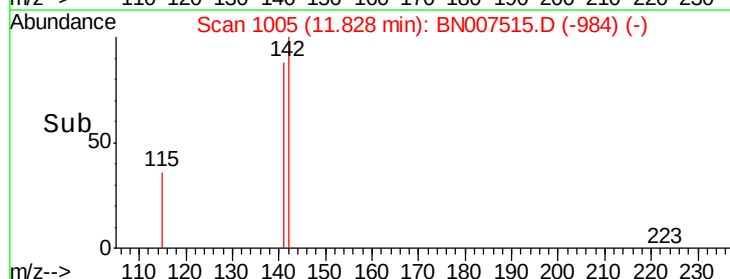
2000

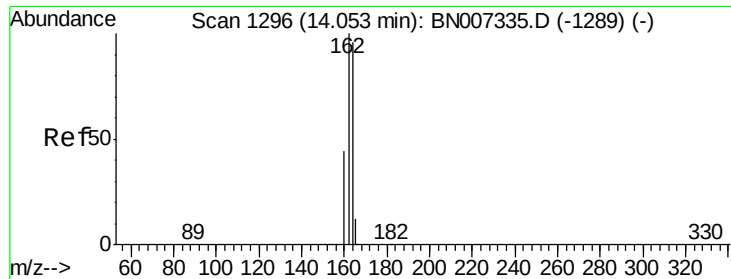
0

11.83

11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007515.D

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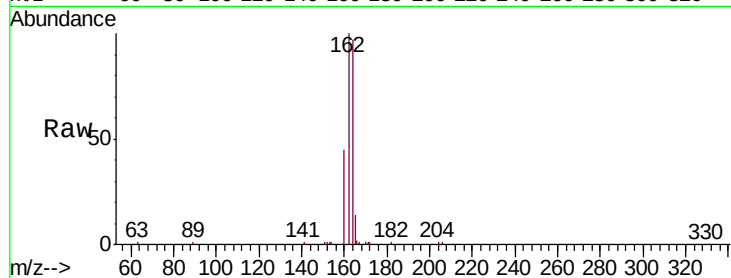
Tgt Ion:164 Resp: 14983

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

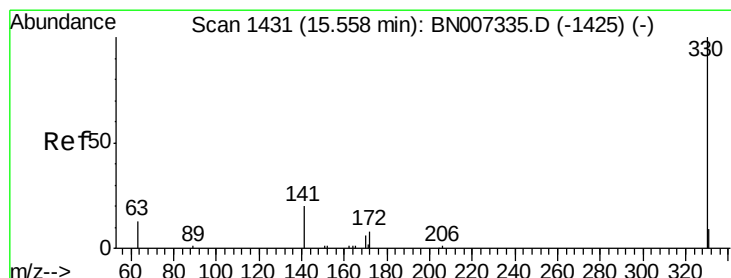
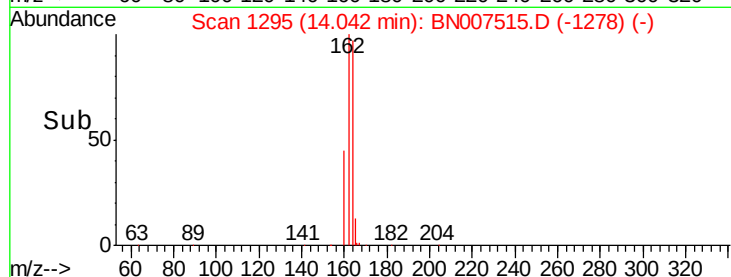
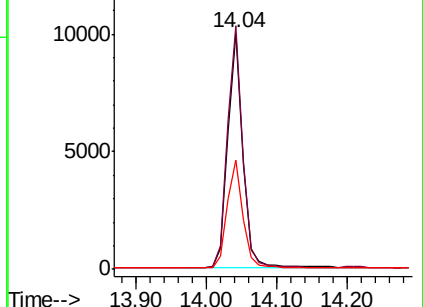
160 46.4 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.700 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

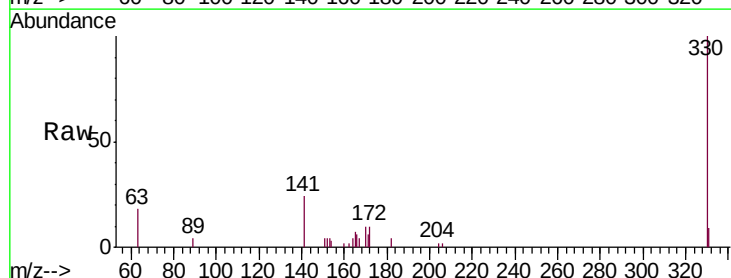
Tgt Ion:330 Resp: 5487

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

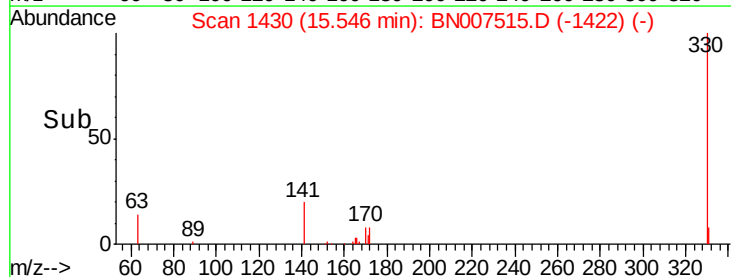
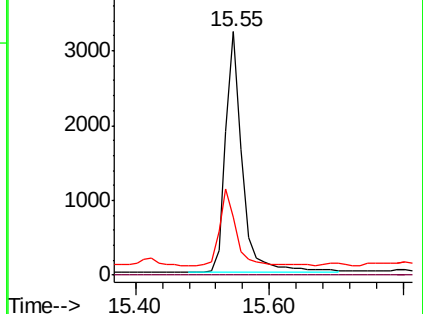
141 32.2 26.9 40.3

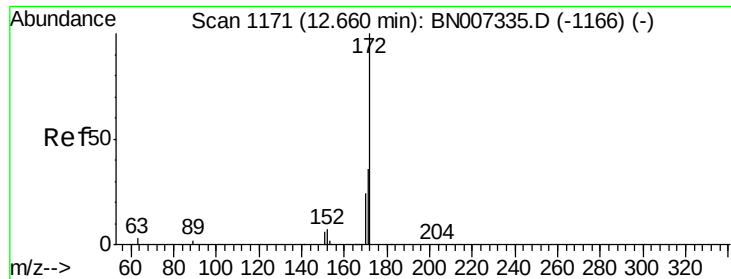


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

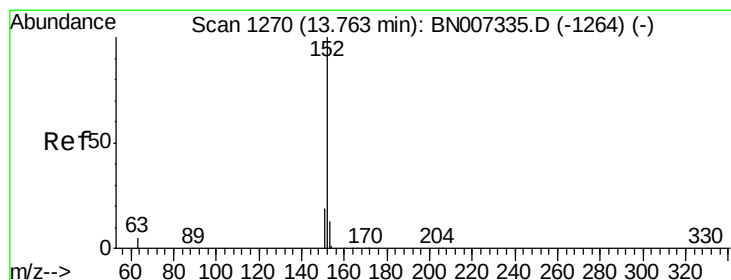
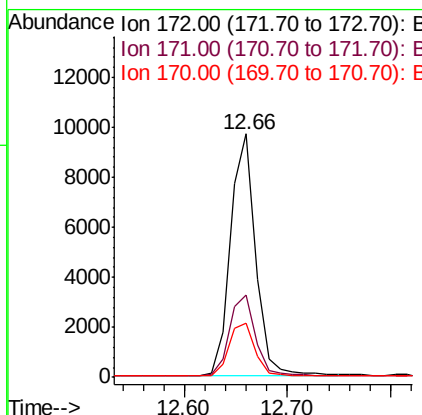
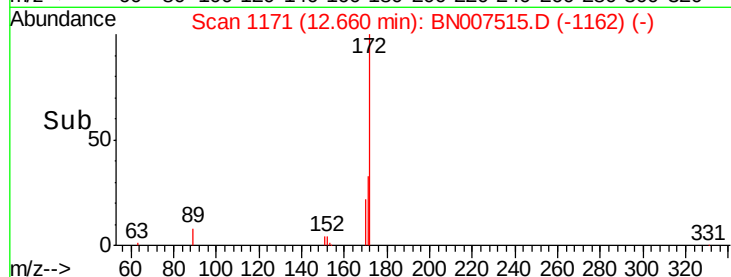
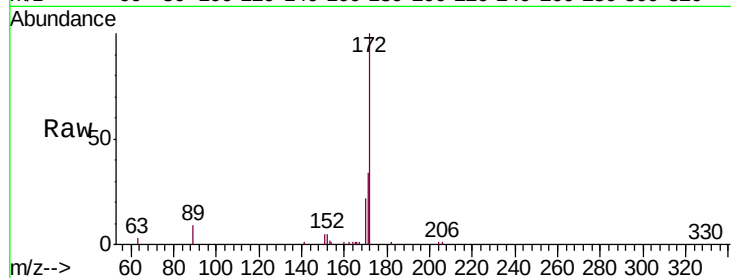




#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

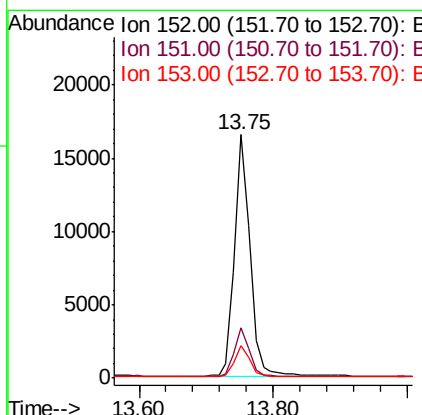
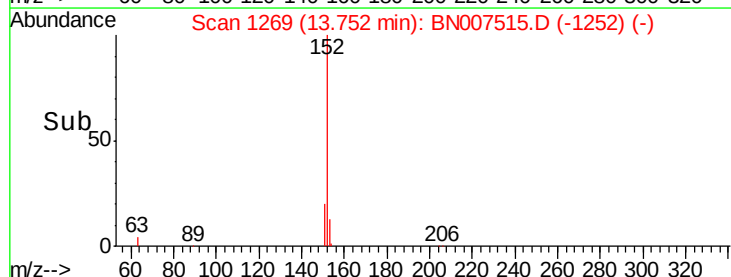
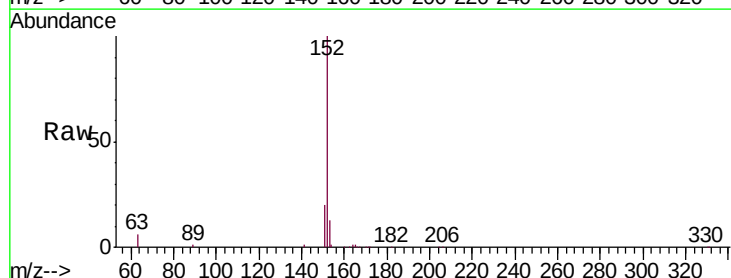
Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MS

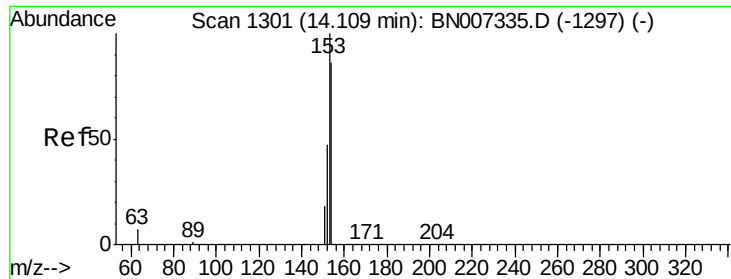
Tgt Ion:172 Resp: 16432
Ion Ratio Lower Upper
172 100
171 34.0 30.3 45.5
170 22.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.296 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Tgt Ion:152 Resp: 26275
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.6 15.8

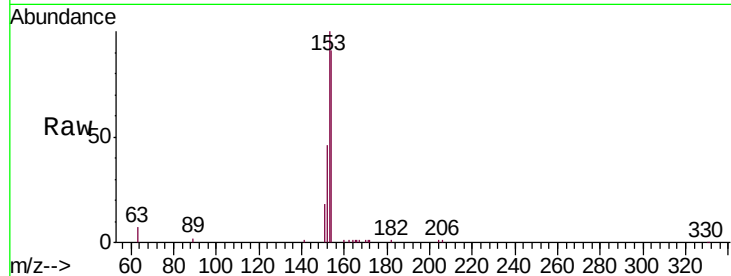




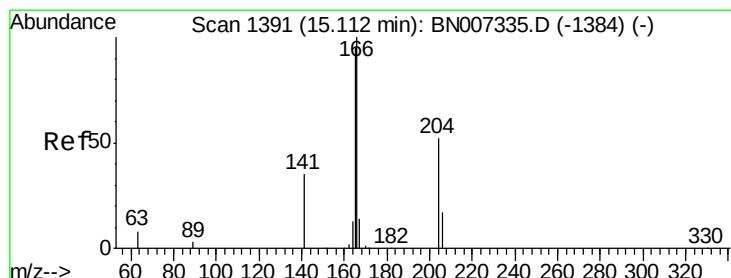
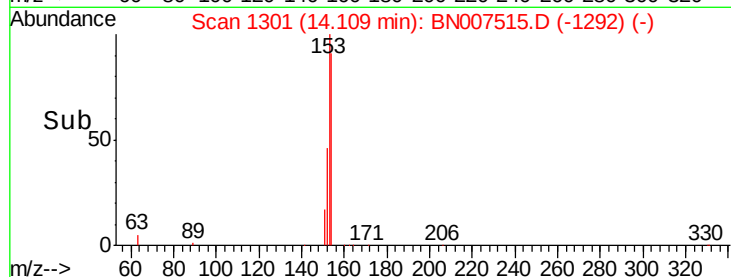
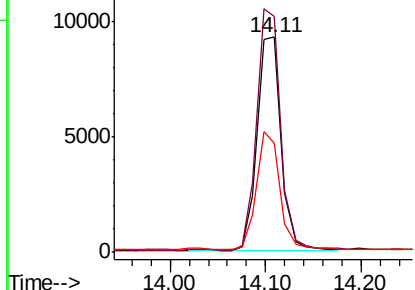
#17
Acenaphthene
Concen: 0.311 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MS

Tgt Ion:154 Resp: 16154
Ion Ratio Lower Upper
154 100
153 113.1 92.8 139.2
152 54.1 43.8 65.8

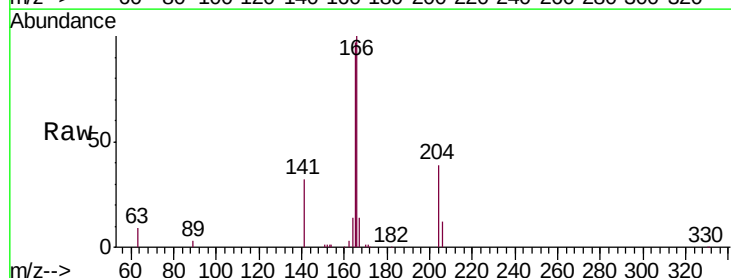


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

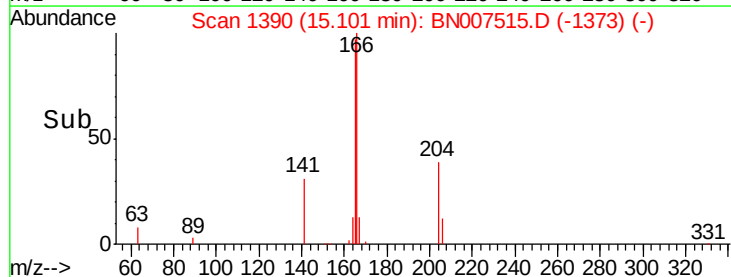
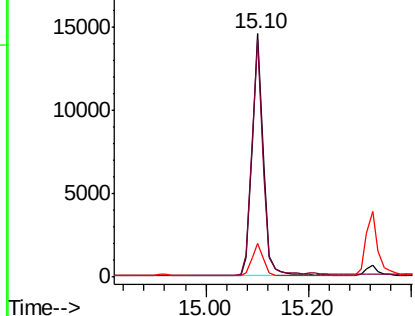


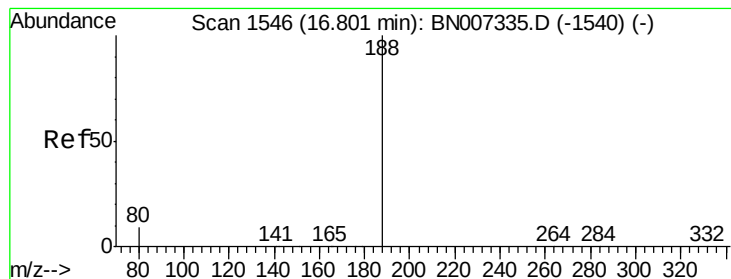
#18
Fluorene
Concen: 0.336 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Tgt Ion:166 Resp: 22037
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

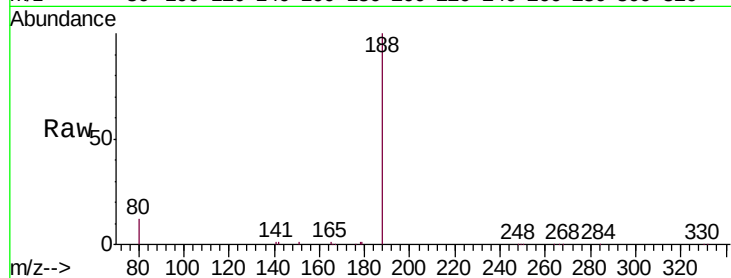
Tgt Ion:188 Resp: 38357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

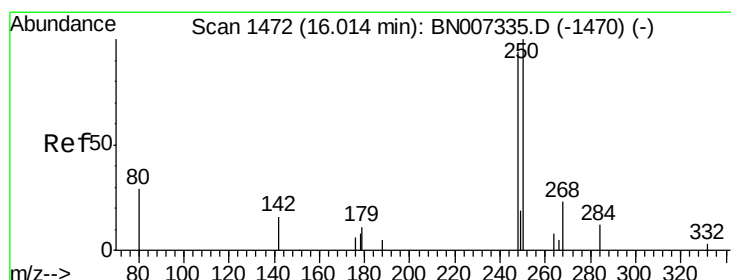
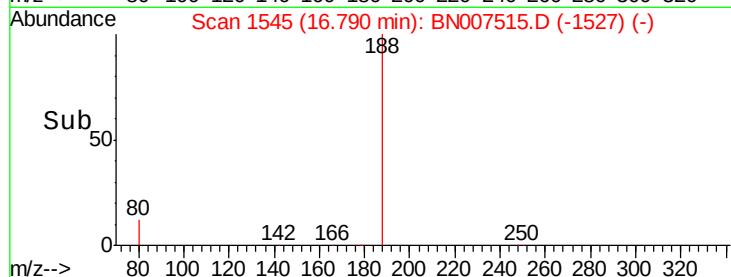
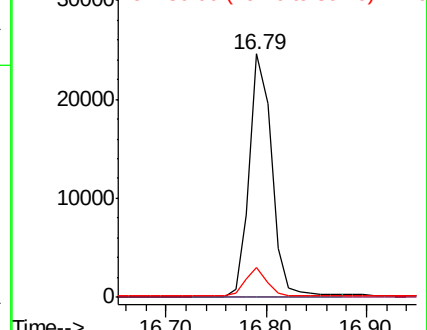
80 12.2 11.8 17.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.111 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

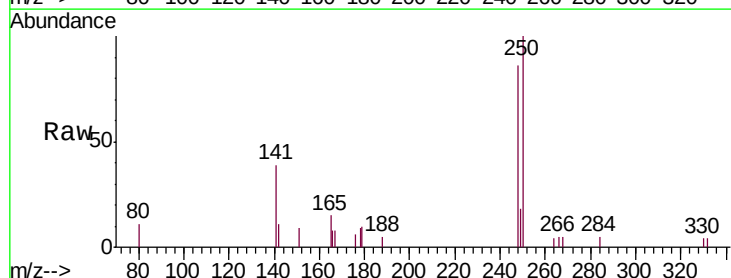
Tgt Ion:248 Resp: 1676

Ion Ratio Lower Upper

248 100

250 116.1 85.0 127.6

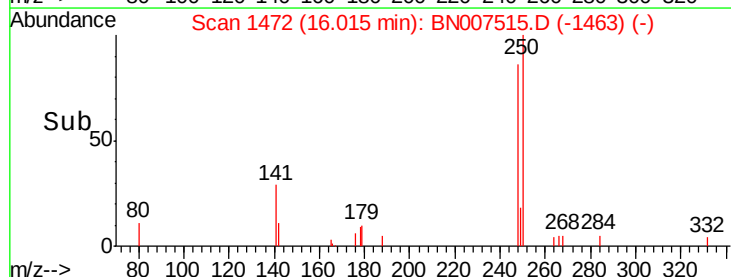
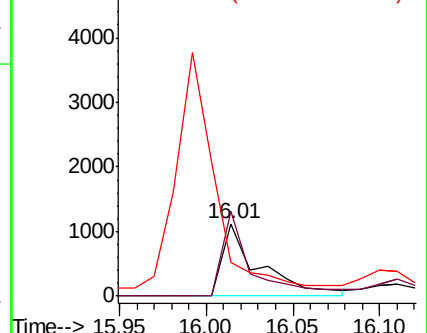
141 45.6 51.7 77.5#

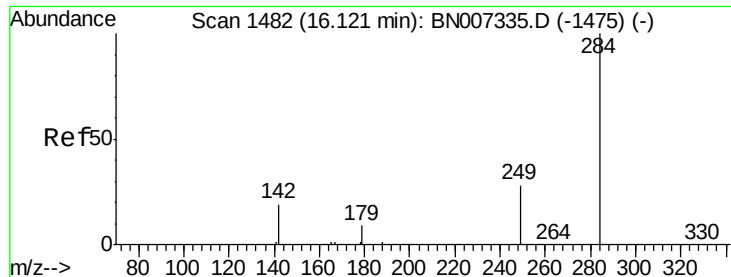


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

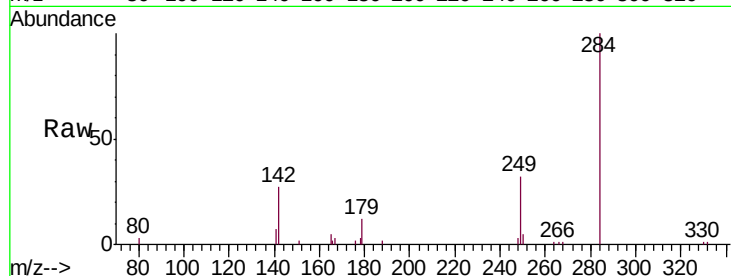




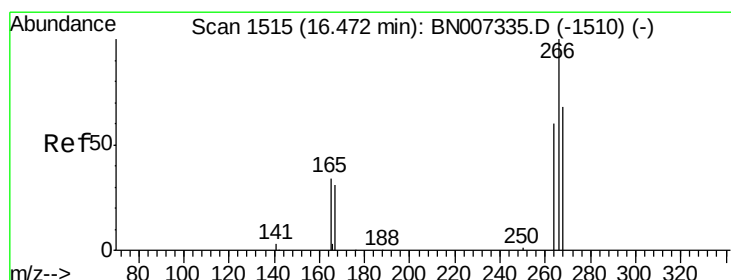
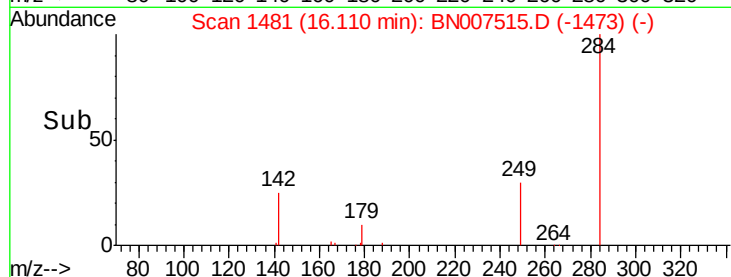
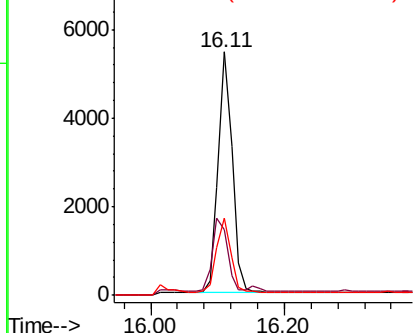
#21
Hexachlorobenzene
Concen: 0.305 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MS

Tgt Ion:284 Resp: 7850
Ion Ratio Lower Upper
284 100
142 32.7 29.0 43.6
249 30.6 24.9 37.3

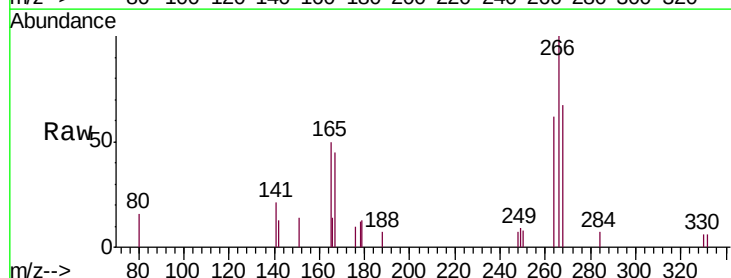


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

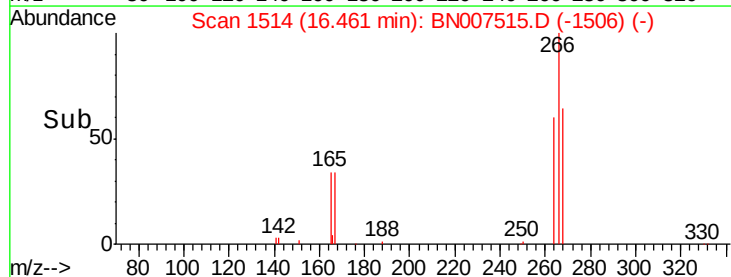
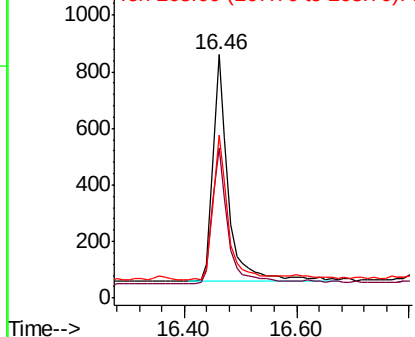


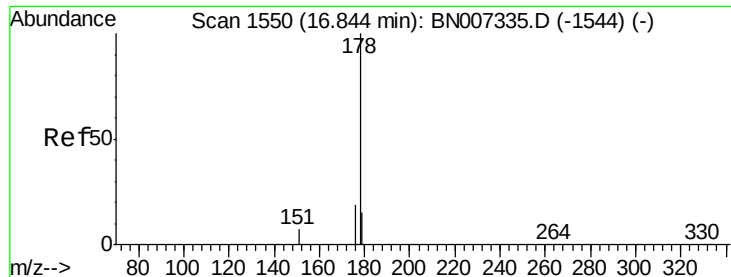
#22
Pentachlorophenol
Concen: 0.195 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007515.D
Acq: 29 Aug 2019 22:53

Tgt Ion:266 Resp: 1558
Ion Ratio Lower Upper
266 100
264 61.7 57.8 86.8
268 67.1 99.7 149.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

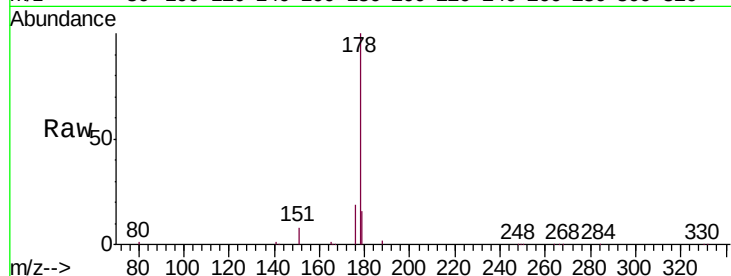
Tgt Ion:178 Resp: 39733

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

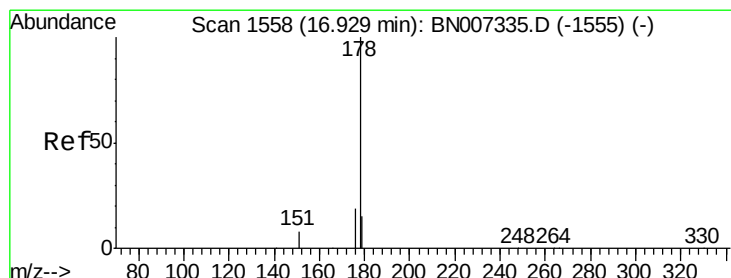
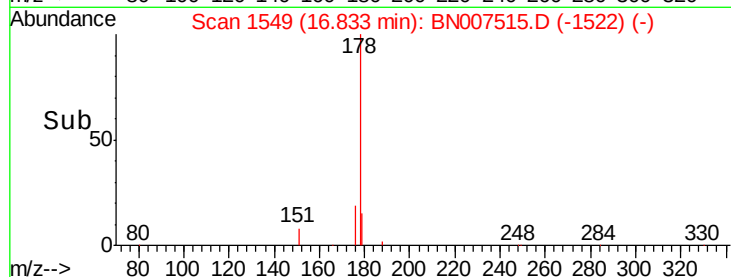
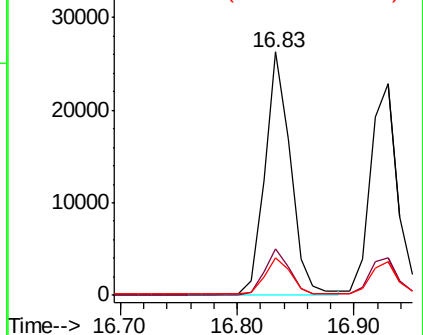
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.319 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

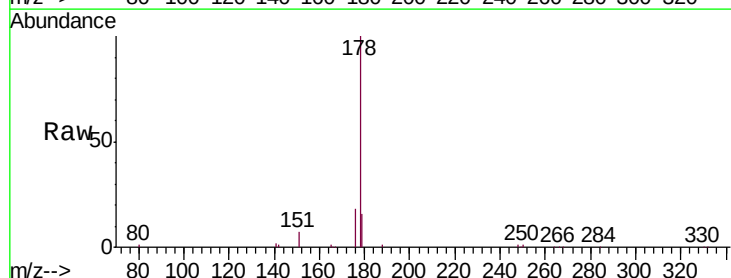
Tgt Ion:178 Resp: 36985

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

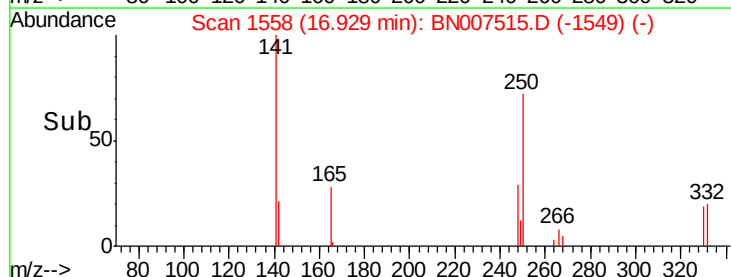
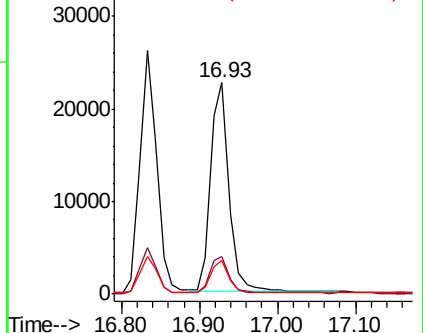
179 15.6 12.4 18.6

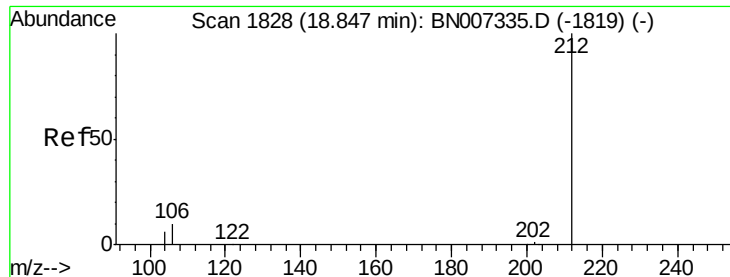


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.261 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

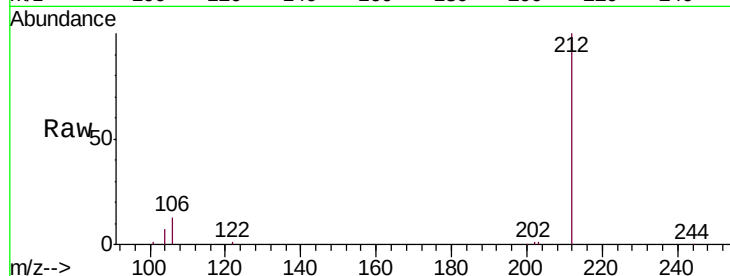
Tgt Ion:212 Resp: 32265

Ion Ratio Lower Upper

212 100

106 12.7 9.0 13.4

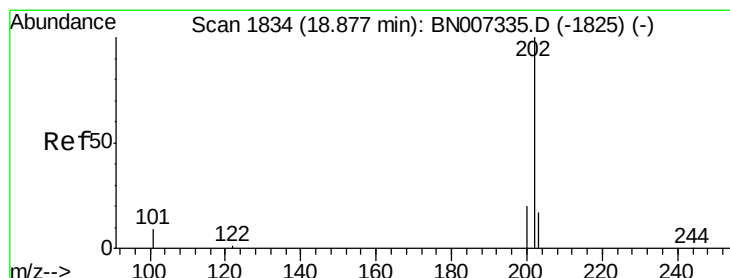
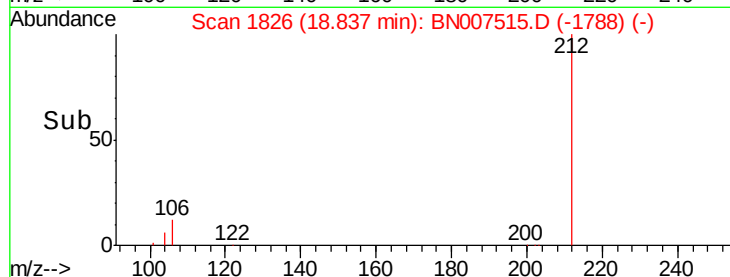
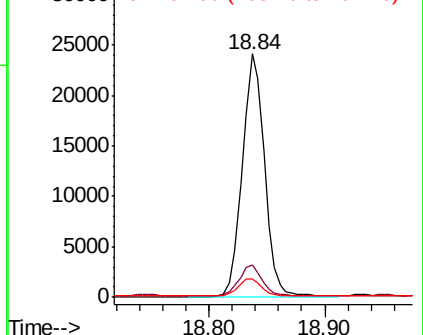
104 7.2 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.342 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

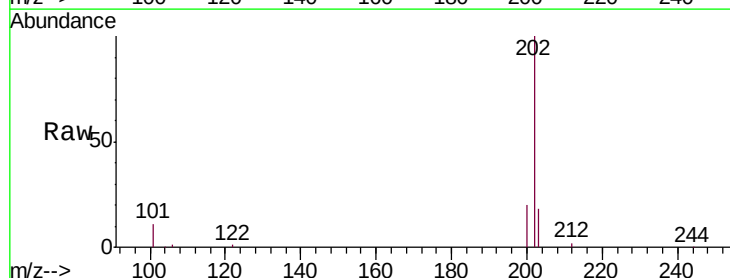
Tgt Ion:202 Resp: 50734

Ion Ratio Lower Upper

202 100

101 10.7 7.7 11.5

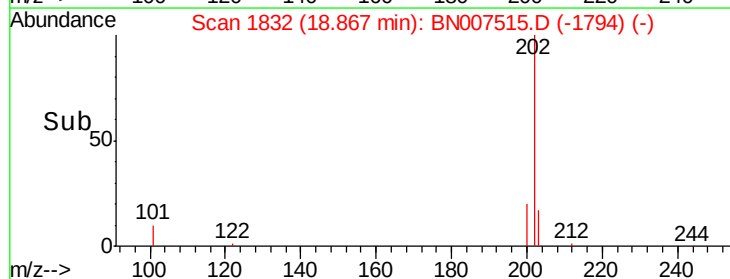
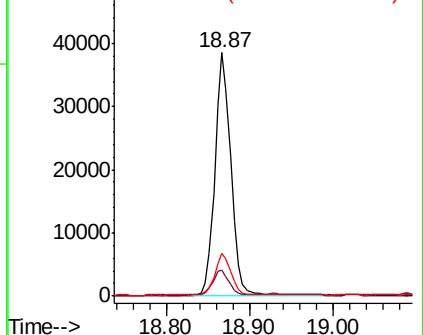
203 17.1 13.7 20.5

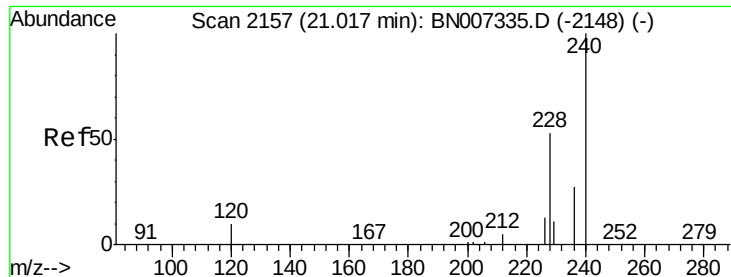


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

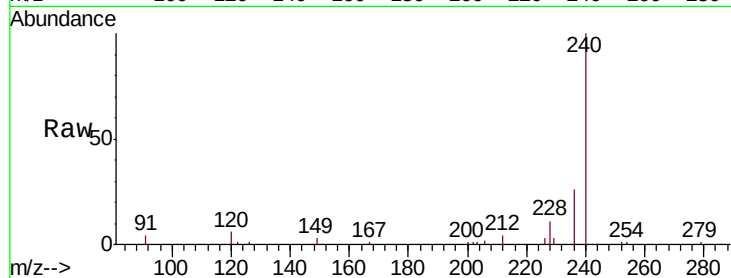
Tgt Ion:240 Resp: 40882

Ion Ratio Lower Upper

240 100

120 5.6 9.6 14.4#

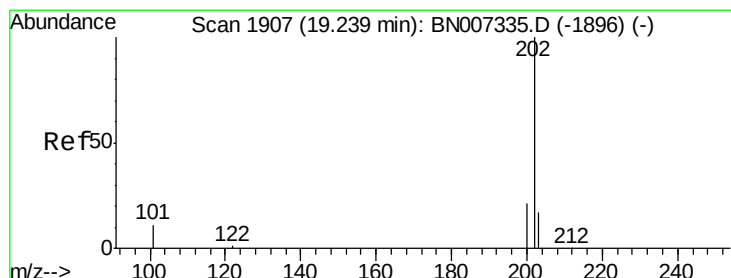
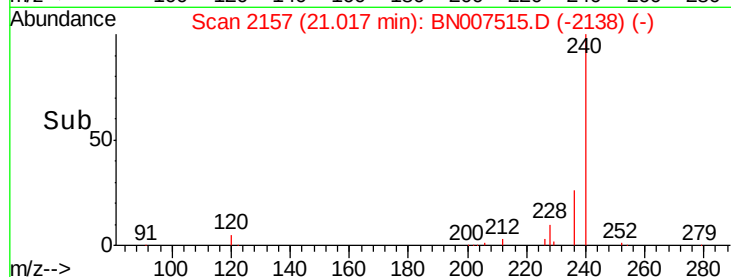
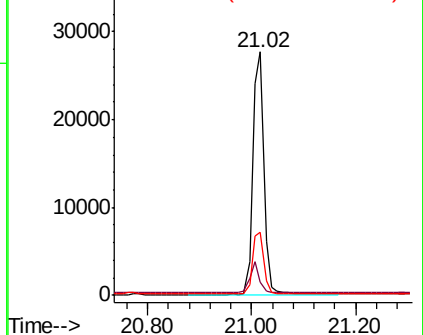
236 25.9 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.319 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

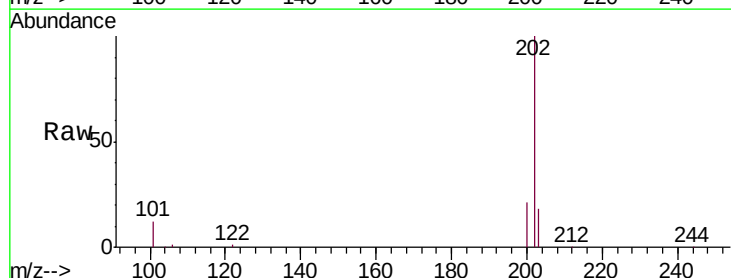
Tgt Ion:202 Resp: 52476

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

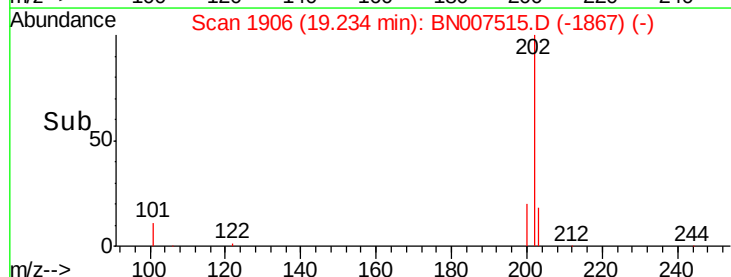
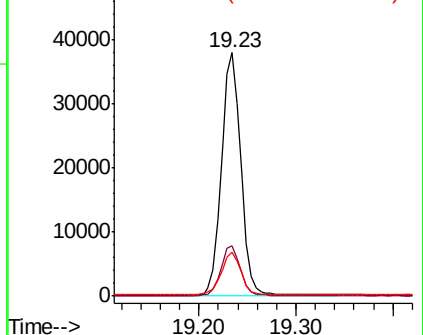
203 18.2 14.2 21.4

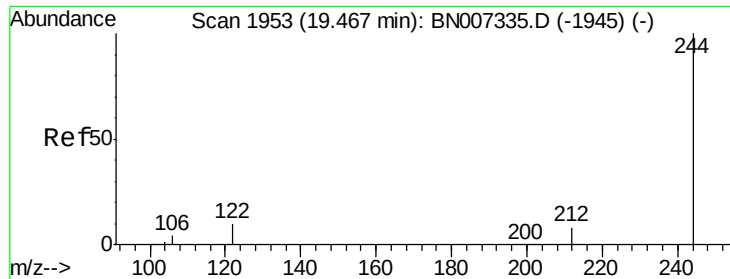


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

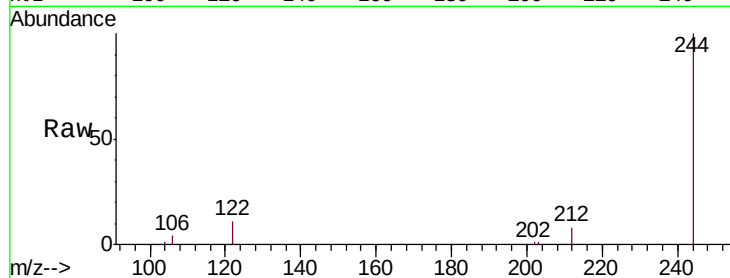
Tgt Ion:244 Resp: 48440

Ion Ratio Lower Upper

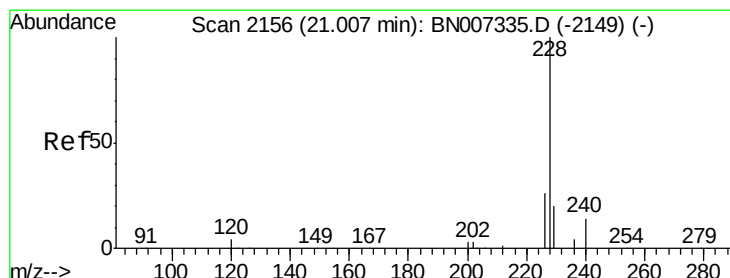
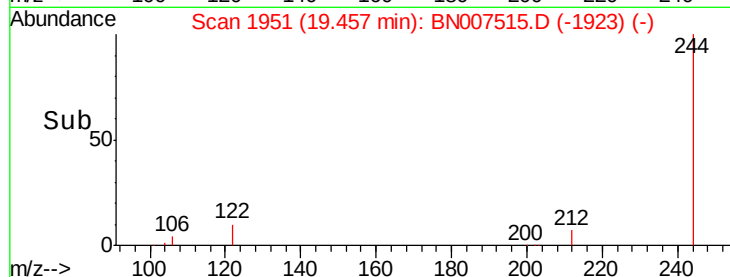
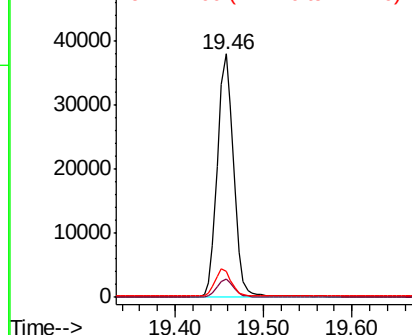
244 100

212 7.5 7.0 10.6

122 10.8 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.316 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

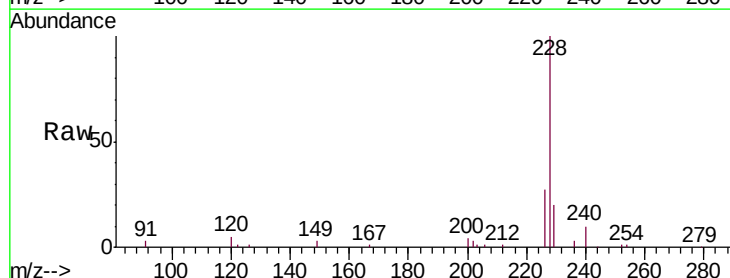
Tgt Ion:228 Resp: 50811

Ion Ratio Lower Upper

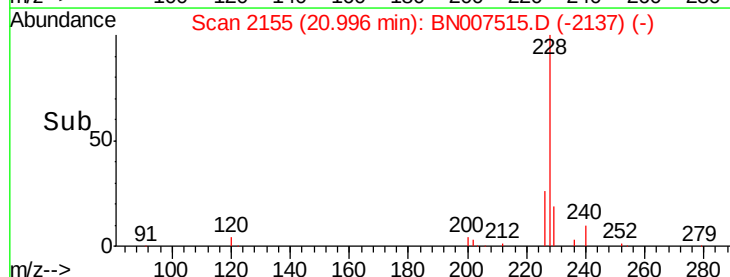
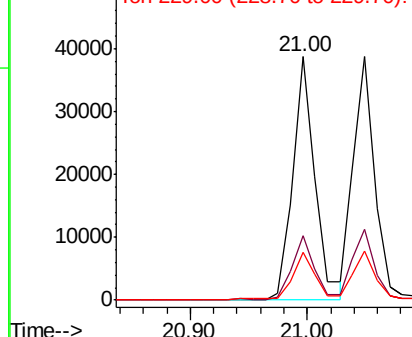
228 100

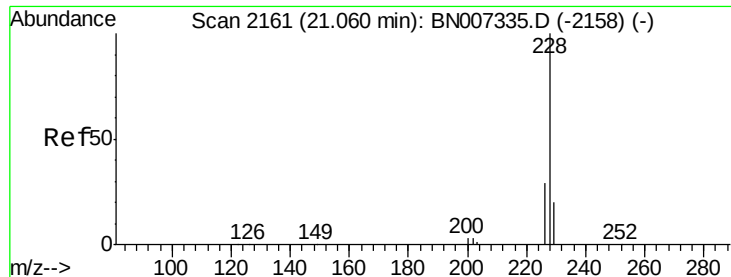
226 26.5 21.3 31.9

229 19.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.312 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

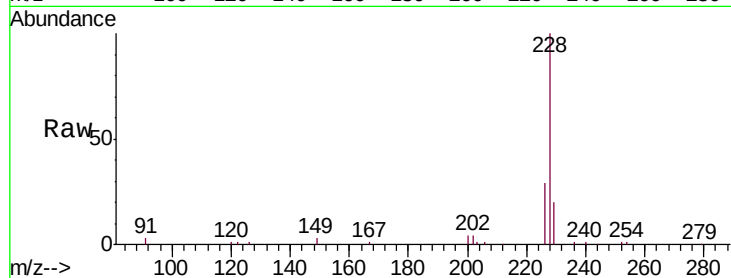
Tgt Ion:228 Resp: 48421

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

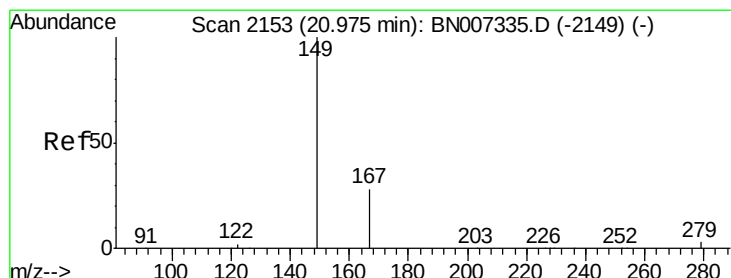
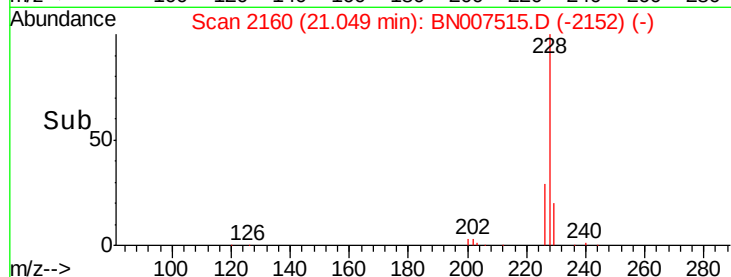
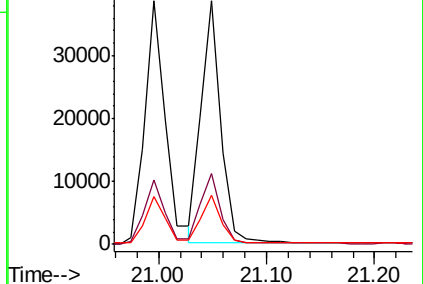
229 19.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

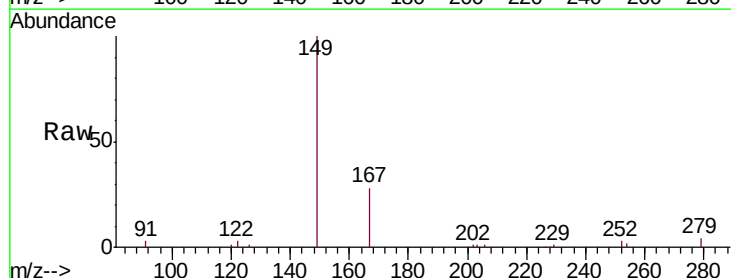
Tgt Ion:149 Resp: 40325

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

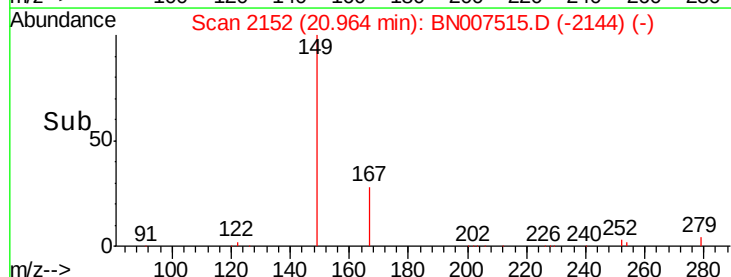
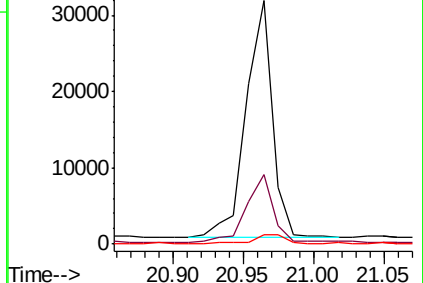
279 4.1 3.5 5.3

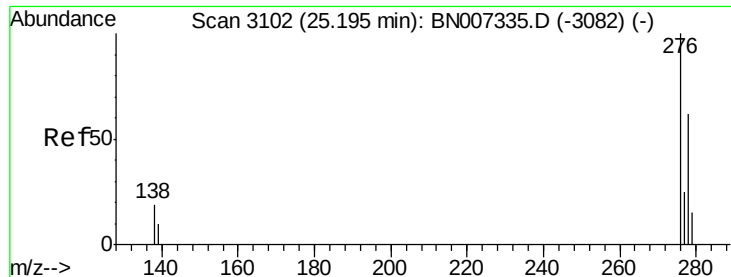


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.234 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

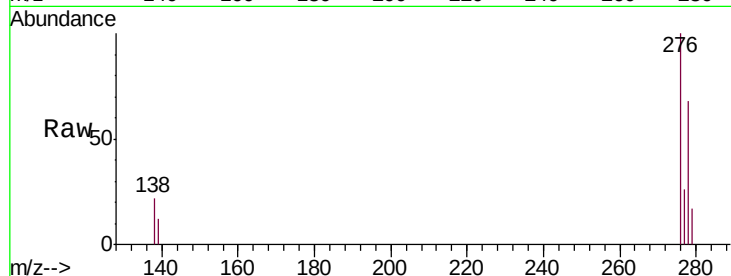
Tgt Ion:276 Resp: 43592

Ion Ratio Lower Upper

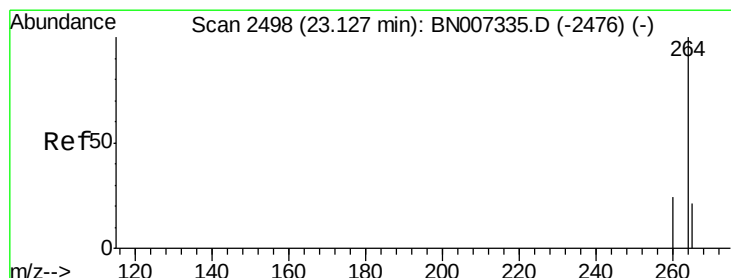
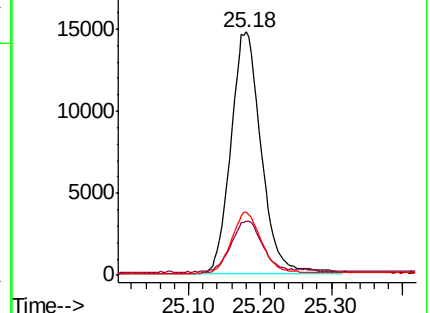
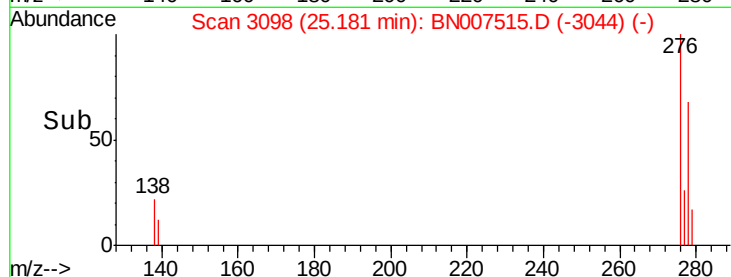
276 100

138 20.8 15.1 22.7

277 24.6 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

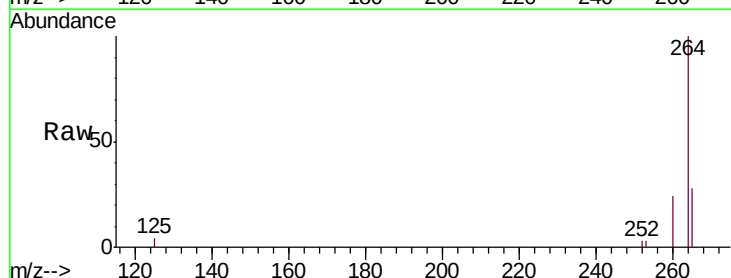
Tgt Ion:264 Resp: 38015

Ion Ratio Lower Upper

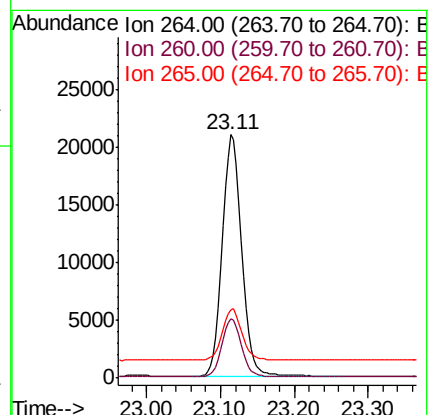
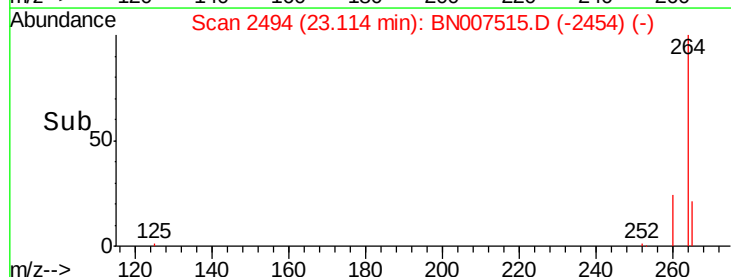
264 100

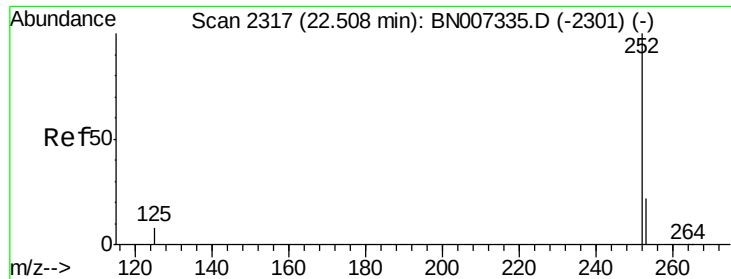
260 24.4 19.7 29.5

265 28.3 29.9 44.9#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.334 ng

RT: 22.50 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

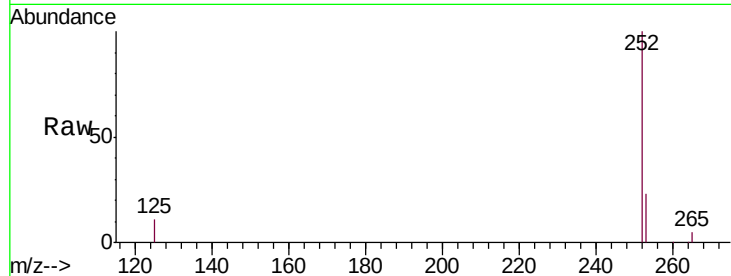
Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

Tgt Ion:	252	Resp:	46054
Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	11.5	10.6	16.0

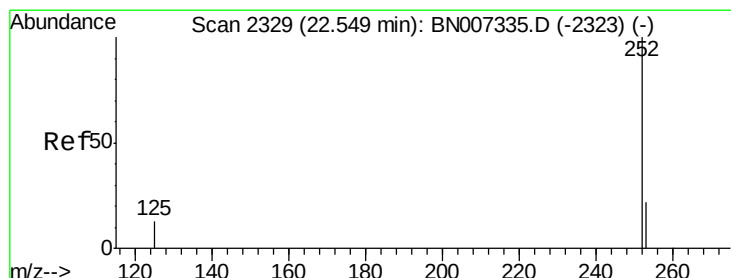
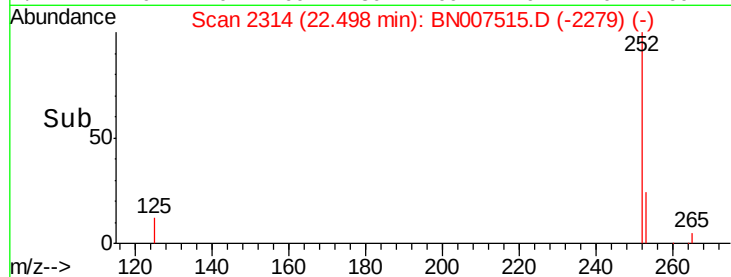
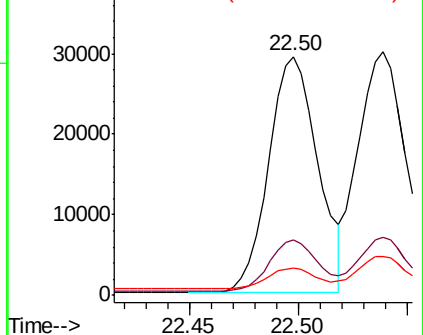


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.349 ng

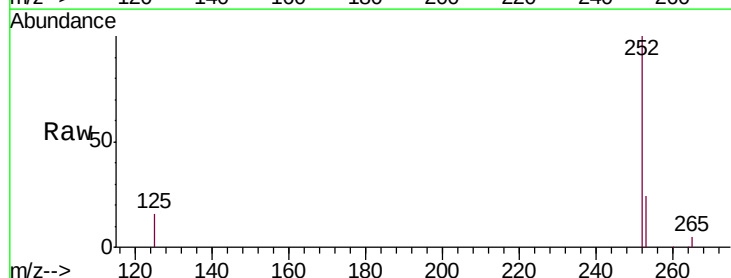
RT: 22.54 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Tgt Ion:	252	Resp:	47577
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	16.1	13.1	19.7

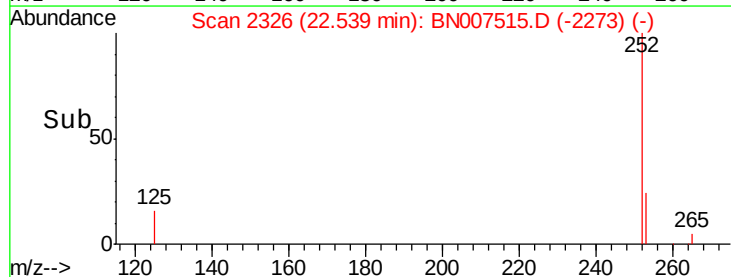
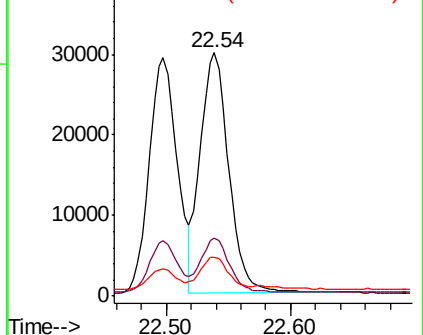


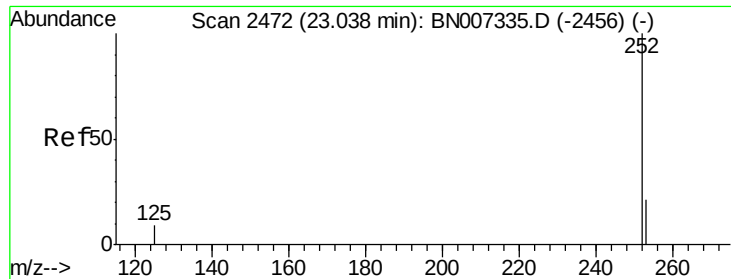
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.323 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS

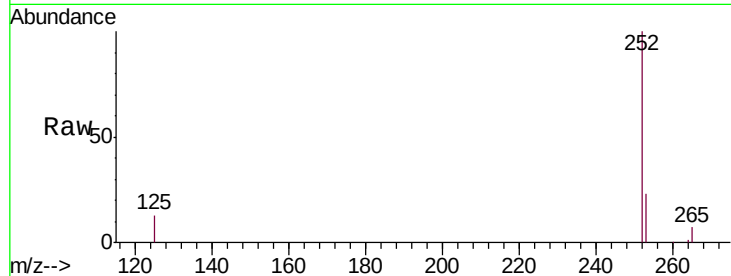
Tgt Ion:252 Resp: 42293

Ion Ratio Lower Upper

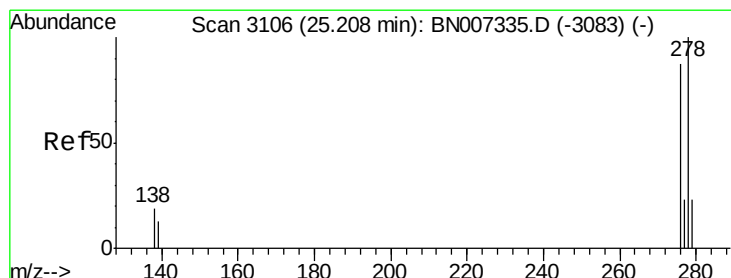
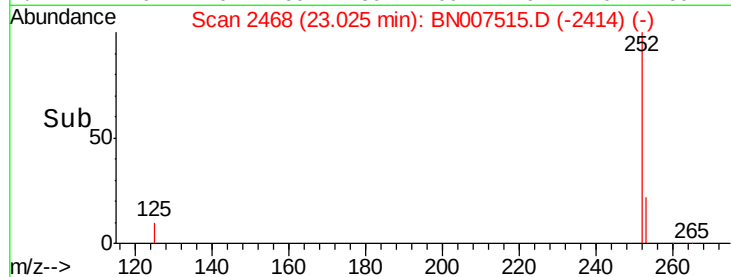
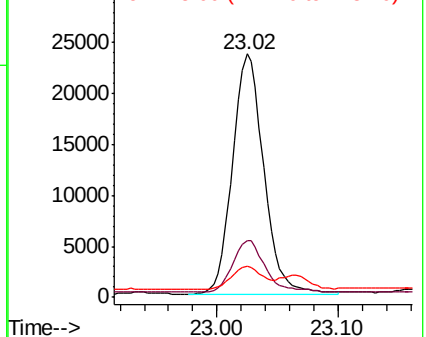
252 100

253 23.4 19.5 29.3

125 13.0 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.274 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007515.D

Acq: 29 Aug 2019 22:53

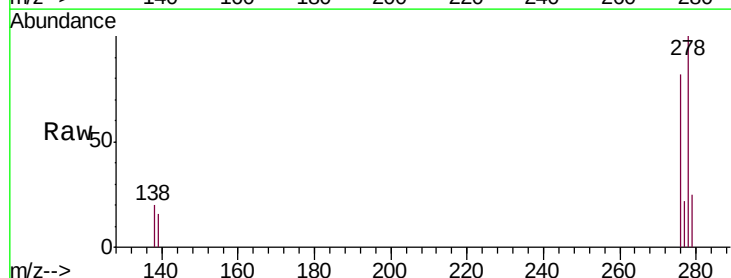
Tgt Ion:278 Resp: 35819

Ion Ratio Lower Upper

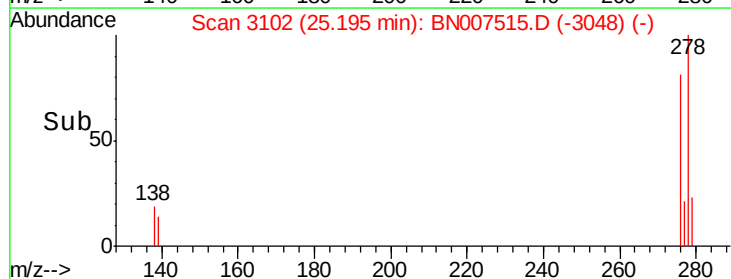
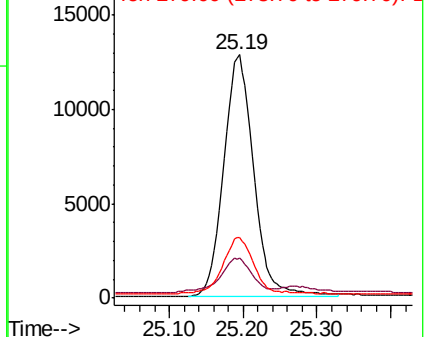
278 100

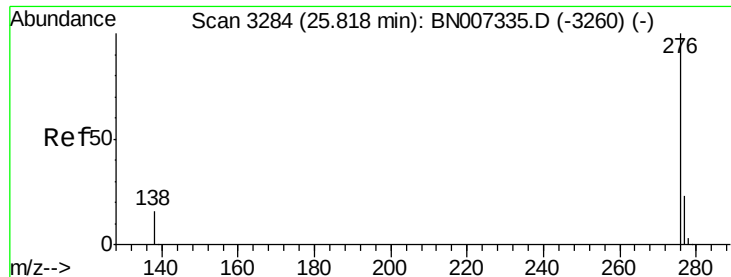
139 16.3 13.7 20.5

279 24.8 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.276 ng

RT: 25.80 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BN007515.D

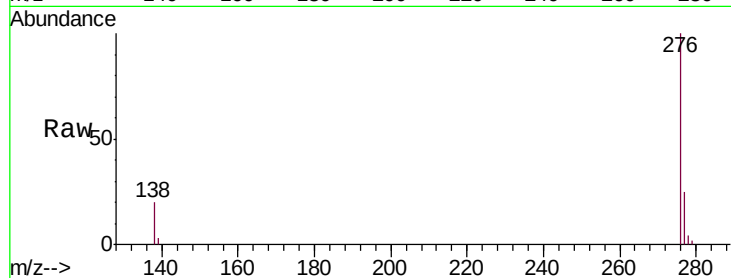
Acq: 29 Aug 2019 22:53

Instrument :

BNA_N

ClientSampleId :

TT-013-IDWSO-20190823MS



Tgt Ion: 276 Resp: 35929

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 19.9 16.3 24.5

