

Data File : BN007282.D
Acq On : 21 Aug 2019 06:38
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 21 07:10:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5871	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	22664	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	12900	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	29433	0.40	ng	0.00
27) Chrysene-d12	21.03	240	28634	0.40	ng	0.00
34) Perylene-d12	23.14	264	32697	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	6836	0.38	ng	0.00
5) Phenol-d6	6.60	99	8357	0.41	ng	0.00
8) Nitrobenzene-d5	8.54	82	6985	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	15807	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2656	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	22457	0.41	ng	0.00
25) Fluoranthene-d10	18.85	212	37041	0.40	ng	0.00
29) Terphenyl-d14	19.47	244	29686	0.41	ng	0.00

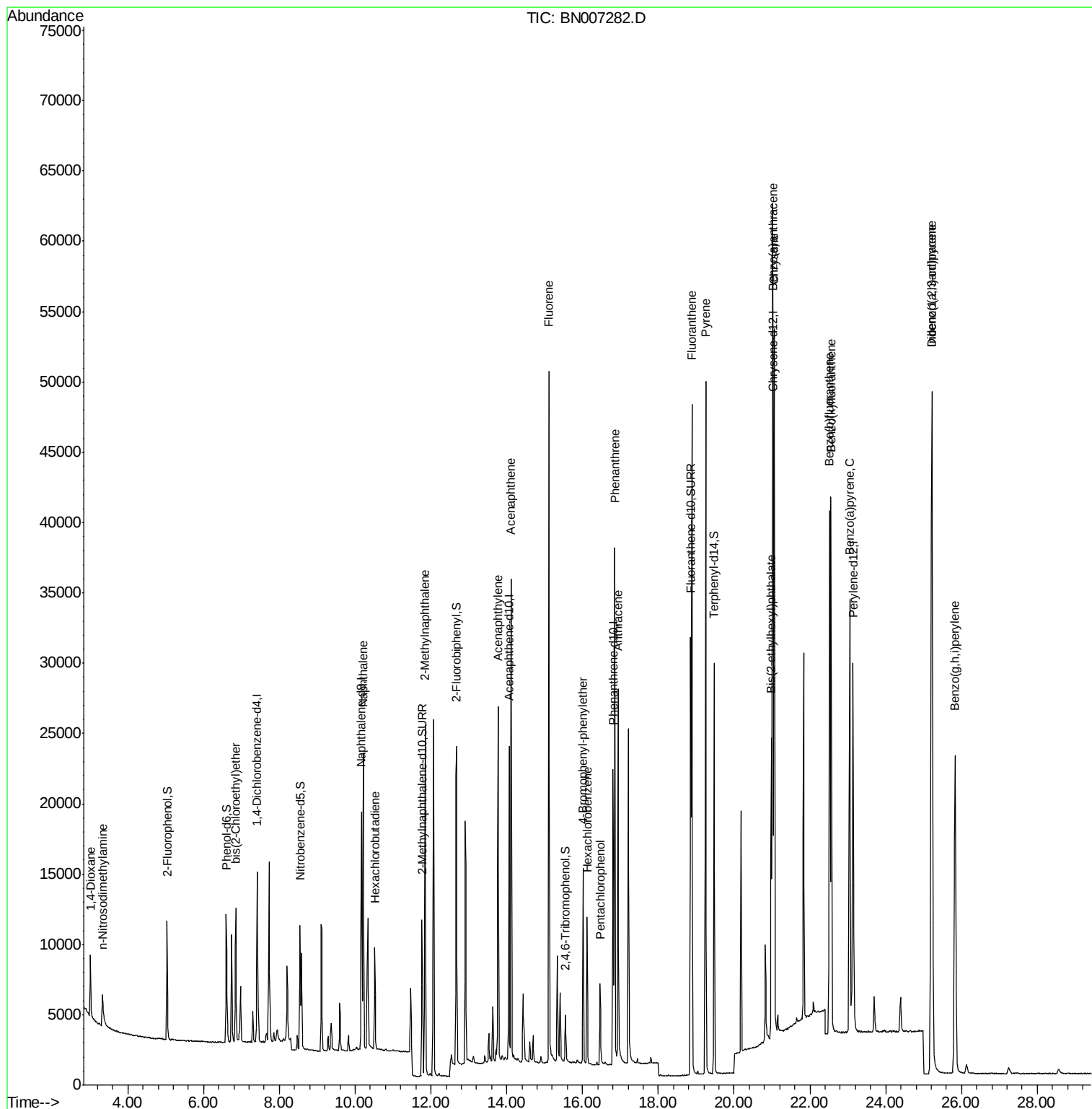
Target Compounds					Qvalue
2) 1,4-Dioxane	3.01	88	3262	0.391 ng	97
3) n-Nitrosodimethylamine	3.33	42	2099	0.376 ng	99
6) bis(2-Chloroethyl)ether	6.85	93	7109	0.410 ng	98
9) Naphthalene	10.22	128	26494	0.412 ng	100
10) Hexachlorobutadiene	10.52	225	5725	0.404 ng	# 99
12) 2-Methylnaphthalene	11.84	142	18312	0.412 ng	99
16) Acenaphthylene	13.77	152	28424	0.416 ng	99
17) Acenaphthene	14.11	154	17521	0.402 ng	98
18) Fluorene	15.12	166	23010	0.404 ng	100
20) 4-Bromophenyl-phenylether	16.01	248	7142	0.424 ng	# 81
21) Hexachlorobenzene	16.12	284	8121	0.417 ng	100
22) Pentachlorophenol	16.46	266	3078	0.393 ng	97
23) Phenanthrene	16.85	178	37733	0.409 ng	100
24) Anthracene	16.94	178	33606	0.405 ng	99
26) Fluoranthene	18.88	202	44601	0.399 ng	100
28) Pyrene	19.25	202	45378	0.424 ng	100
30) Benzo(a)anthracene	21.02	228	43965	0.413 ng	98
31) Chrysene	21.06	228	45320	0.417 ng	100
32) Bis(2-ethylhexyl)phthalate	20.98	149	18596	0.437 ng	99
33) Indeno(1,2,3-cd)pyrene	25.21	276	57598	0.441 ng	99
35) Benzo(b)fluoranthene	22.52	252	46404	0.381 ng	100
36) Benzo(k)fluoranthene	22.56	252	47374	0.397 ng	98
37) Benzo(a)pyrene	23.05	252	43752	0.398 ng	100
38) Dibenzo(a,h)anthracene	25.22	278	46560	0.403 ng	98
39) Benzo(g,h,i)perylene	25.83	276	45731	0.392 ng	99

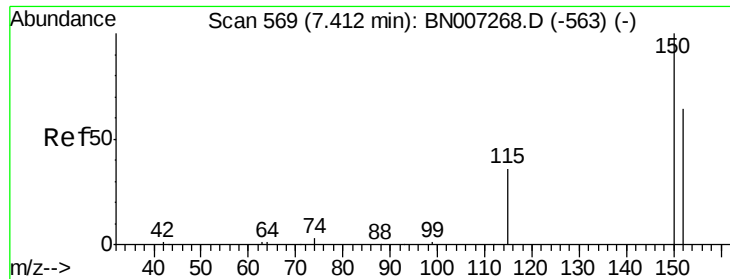
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

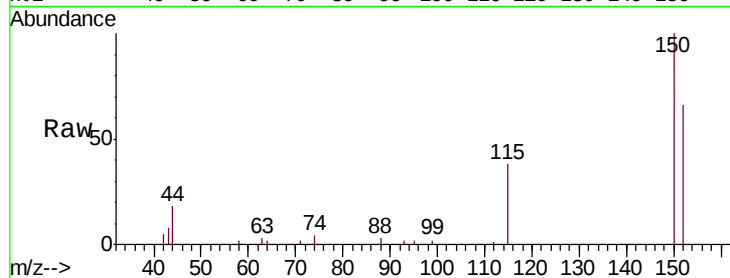
Tgt Ion:152 Resp: 5871

Ion Ratio Lower Upper

152 100

150 152.5 123.8 185.8

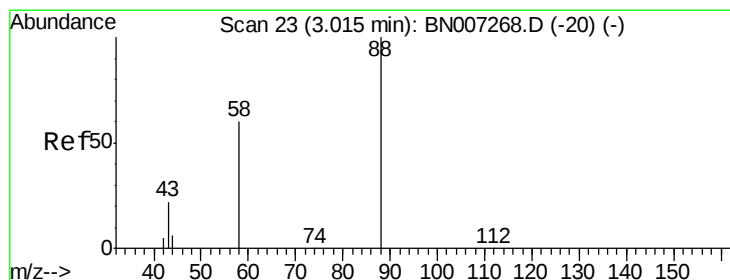
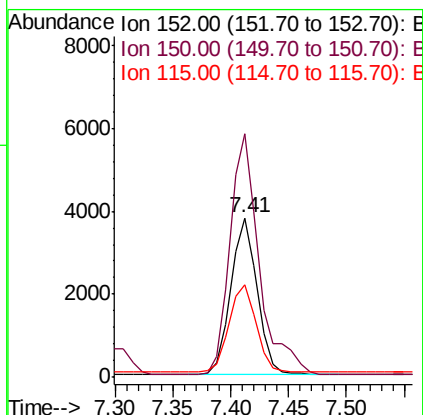
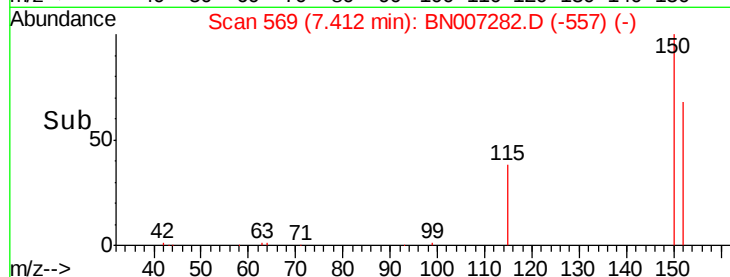
115 58.4 47.3 70.9



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: 0.391 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

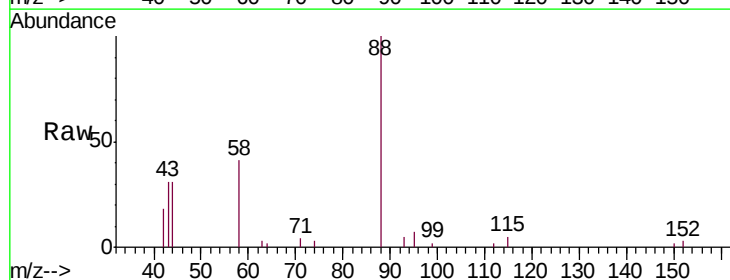
Tgt Ion: 88 Resp: 3262

Ion Ratio Lower Upper

88 100

58 58.7 45.5 68.3

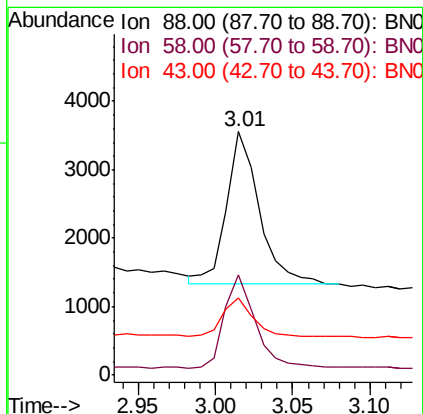
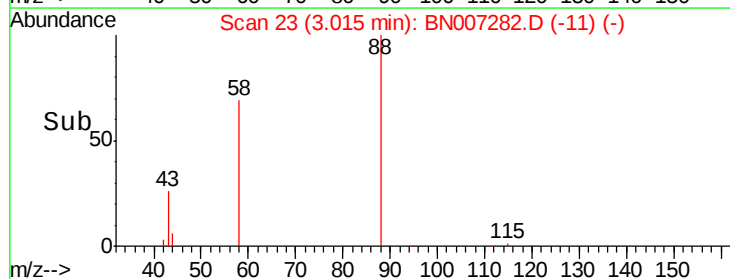
43 23.5 20.4 30.6

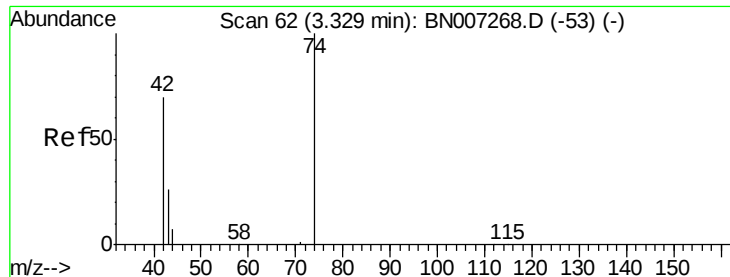


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

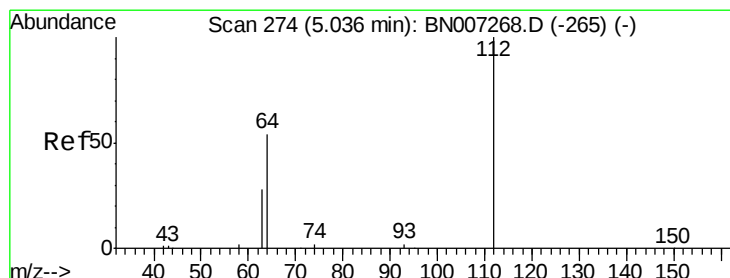
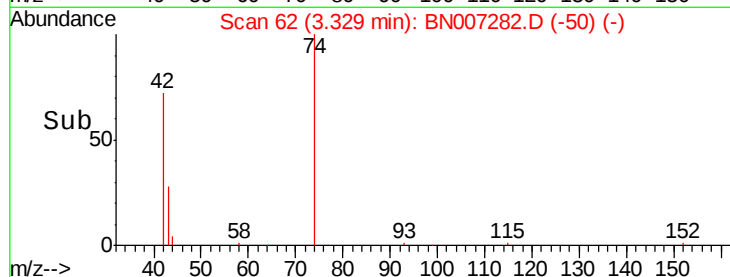
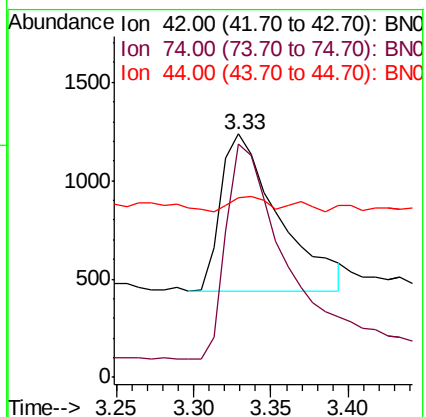
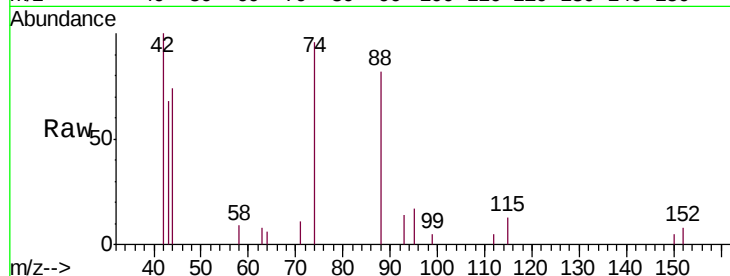
Tgt Ion: 42 Resp: 2099

Ion Ratio Lower Upper

42 100

74 135.1 109.0 163.4

44 5.8 4.2 6.2



#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

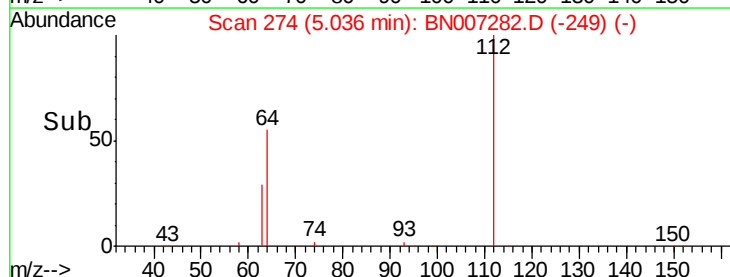
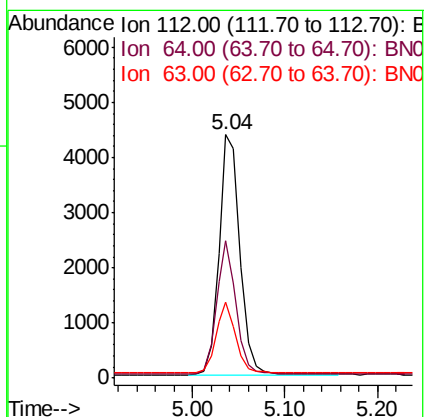
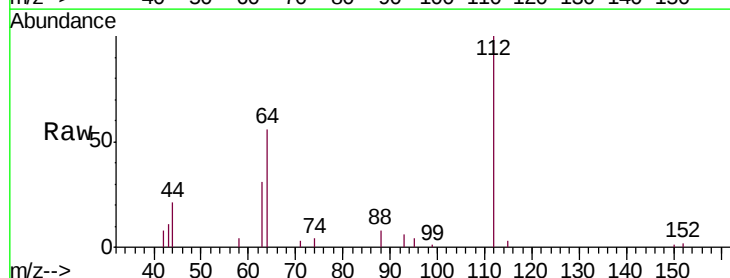
Tgt Ion: 112 Resp: 6836

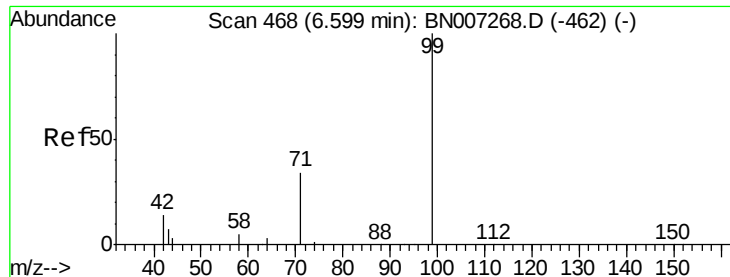
Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

63 27.6 22.6 34.0





#5

Phenol-d6

Concen: 0.406 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

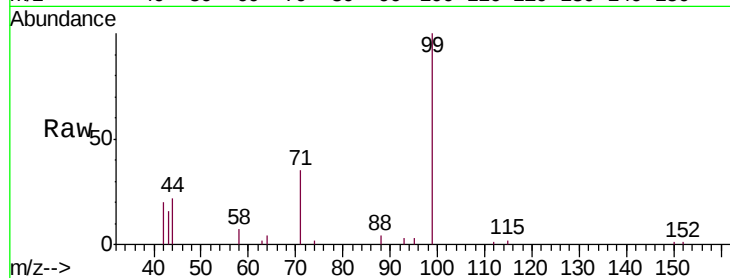
Tgt Ion: 99 Resp: 8357

Ion Ratio Lower Upper

99 100

42 18.2 14.3 21.5

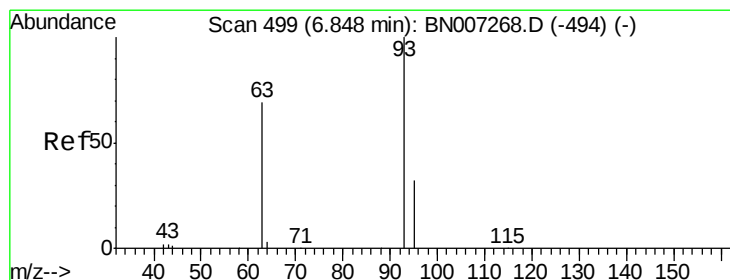
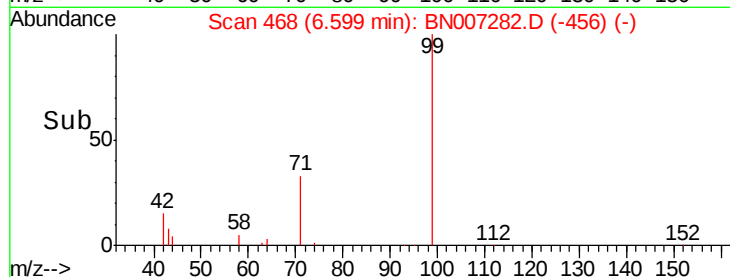
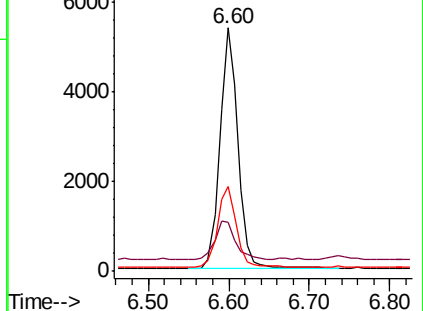
71 34.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007282.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007282.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007282.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

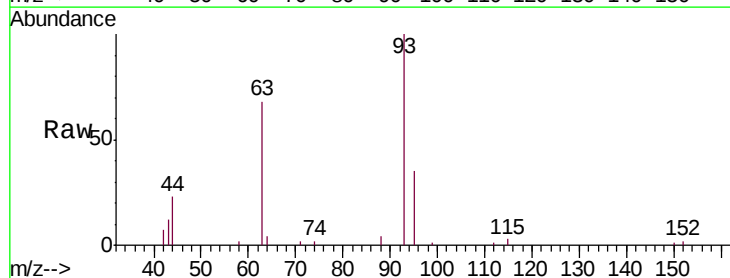
Tgt Ion: 93 Resp: 7109

Ion Ratio Lower Upper

93 100

63 69.3 54.4 81.6

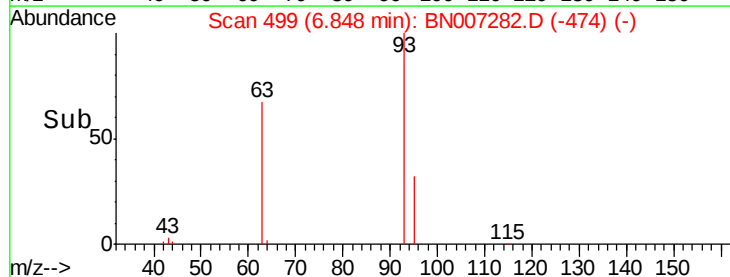
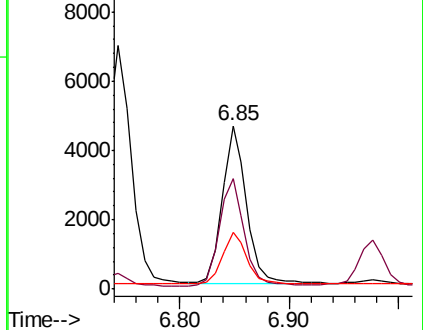
95 33.5 25.5 38.3

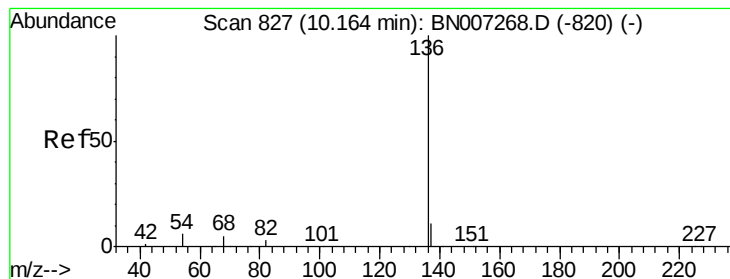


Abundance Ion 93.00 (92.70 to 93.70): BN007282.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007282.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007282.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 22664

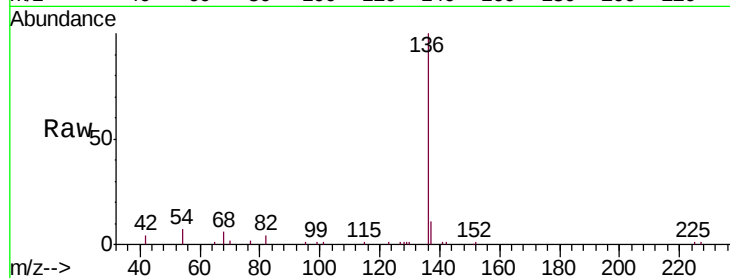
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.7 5.9 8.9

68 6.1 5.6 8.4

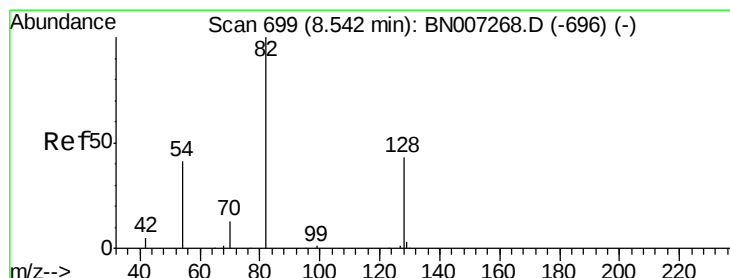
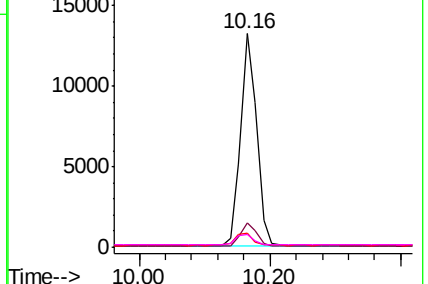
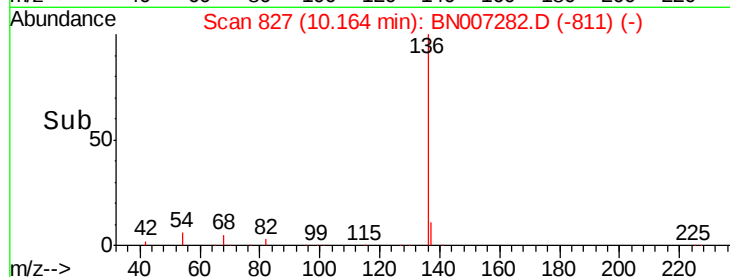


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

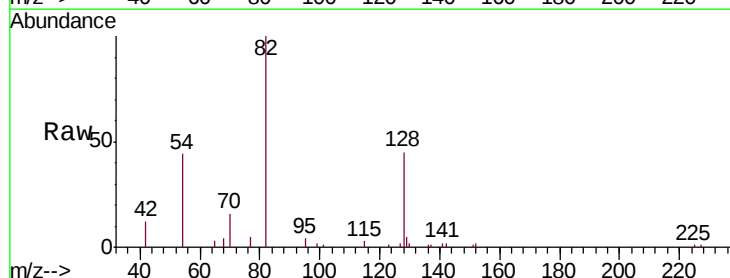
Tgt Ion: 82 Resp: 6985

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

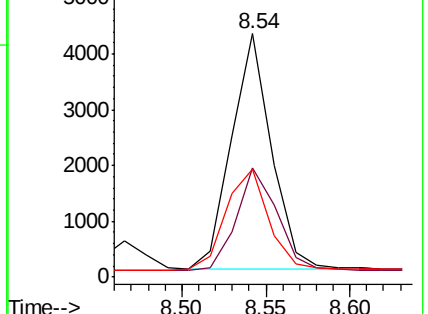
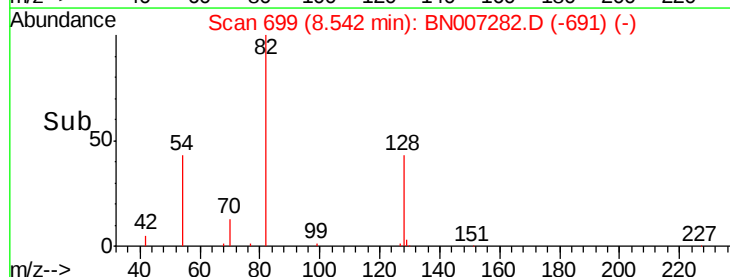
54 44.4 34.7 52.1

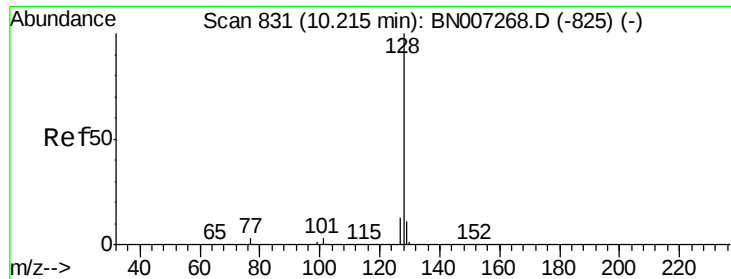


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.412 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

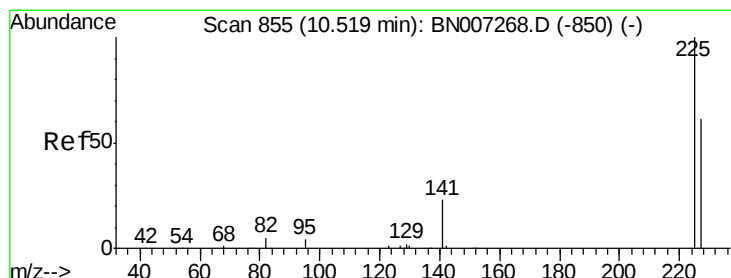
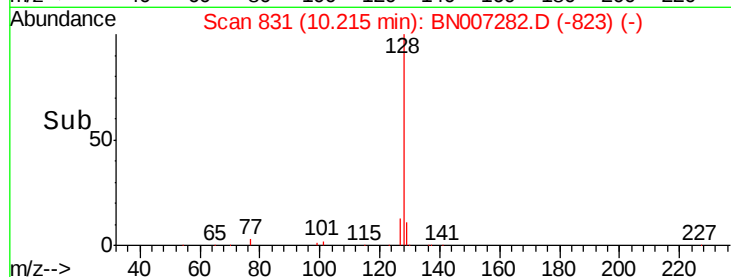
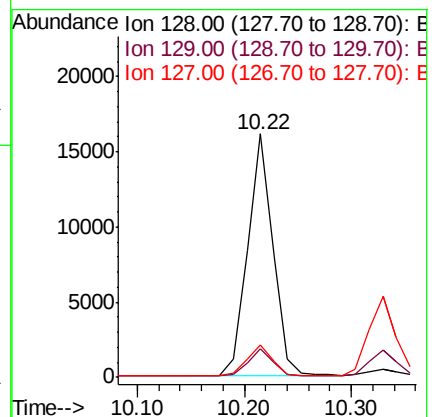
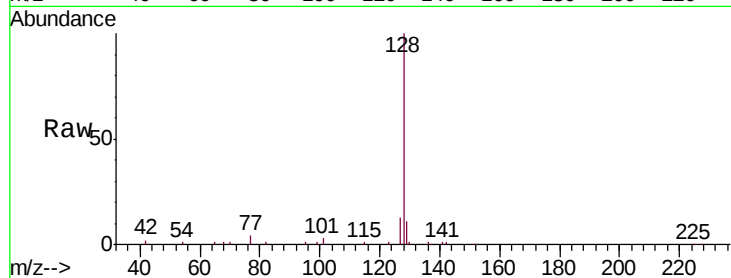
Tgt Ion:128 Resp: 26494

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.4 10.6 16.0



#10

Hexachlorobutadiene

Concen: 0.404 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

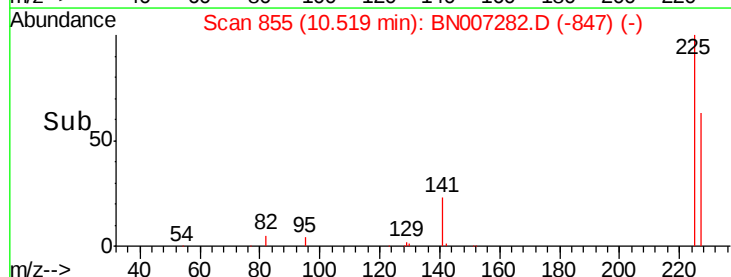
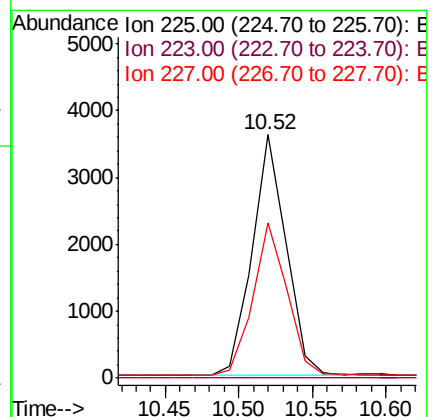
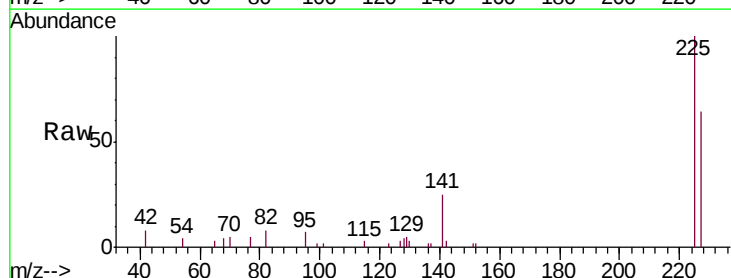
Tgt Ion:225 Resp: 5725

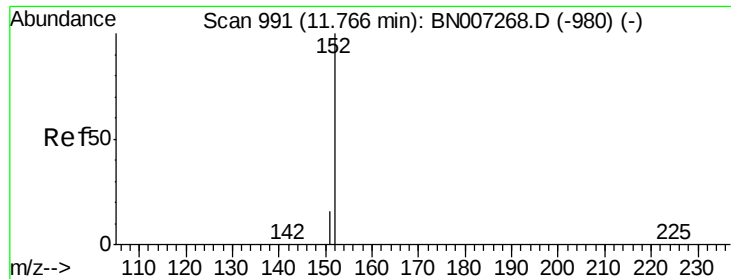
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.1 50.2 75.2

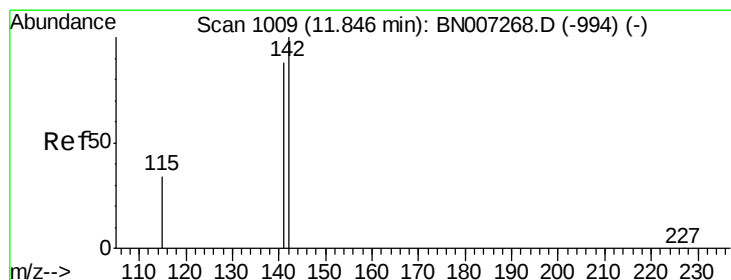
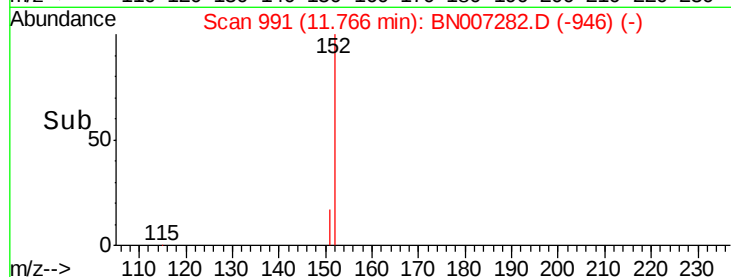
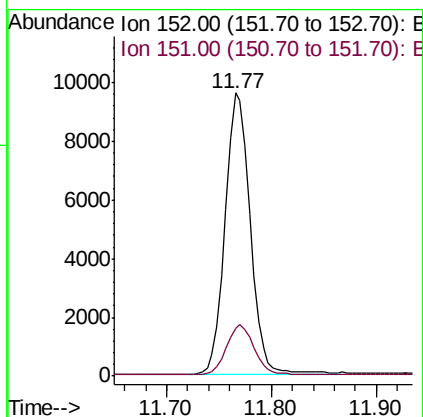
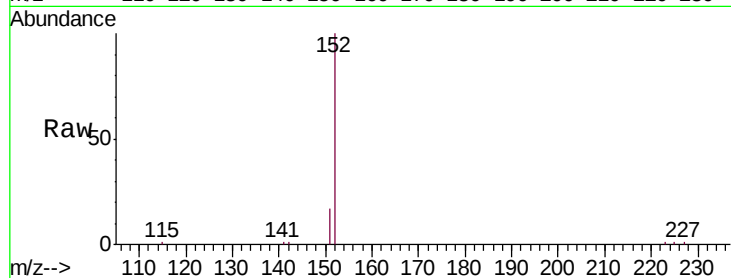




#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 11.77 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BN007282.D
 Acq: 21 Aug 2019 06:38

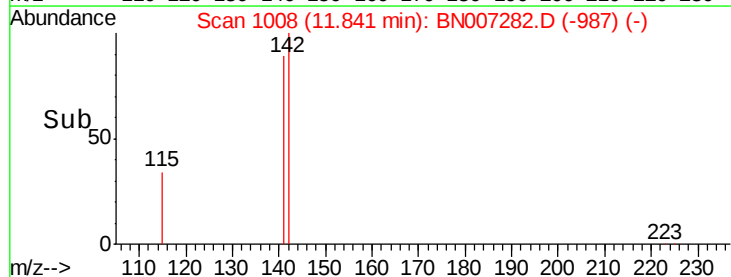
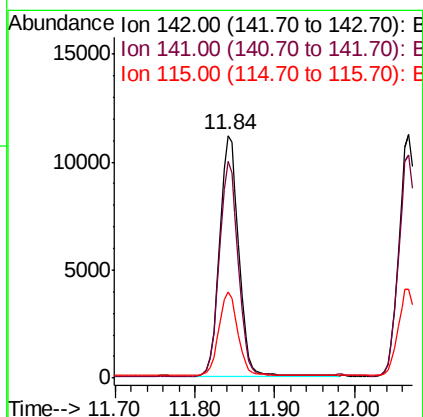
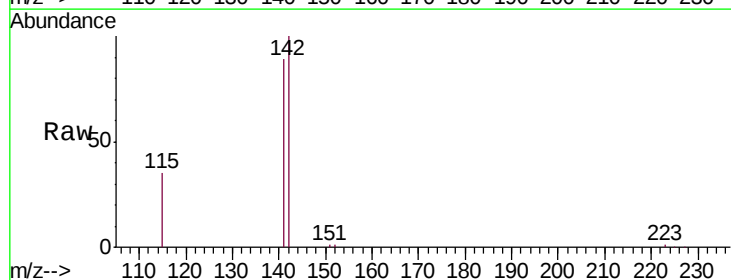
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 15807
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.412 ng
 RT: 11.84 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BN007282.D
 Acq: 21 Aug 2019 06:38

Tgt Ion:142 Resp: 18312
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 35.3 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

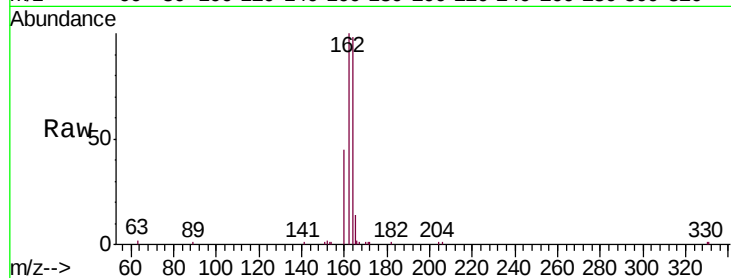
Tgt Ion:164 Resp: 12900

Ion Ratio Lower Upper

164 100

162 102.2 82.0 123.0

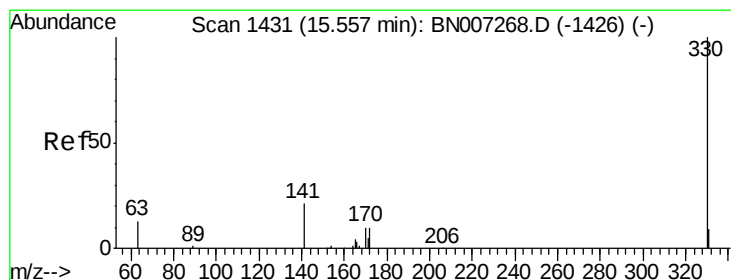
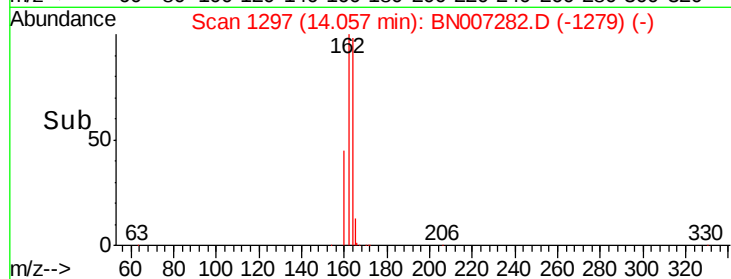
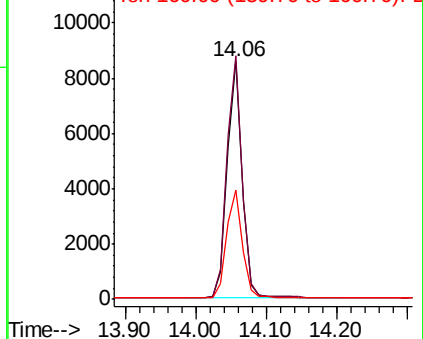
160 45.9 38.2 57.4



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: 0.367 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

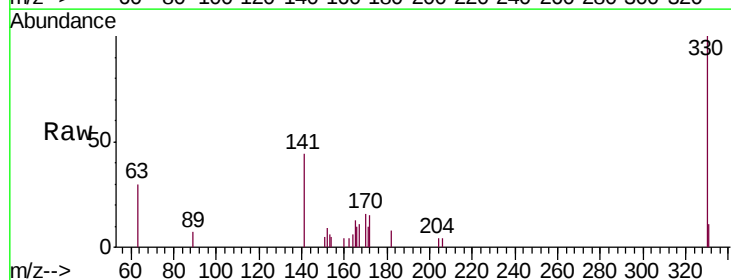
Tgt Ion:330 Resp: 2656

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

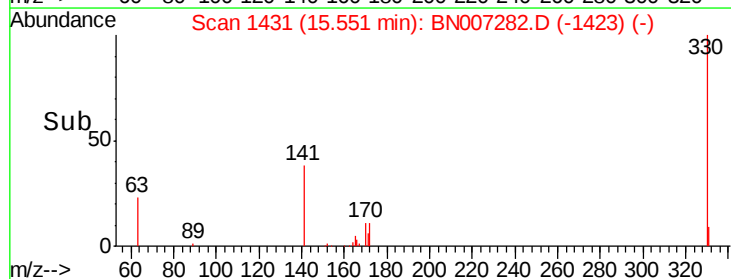
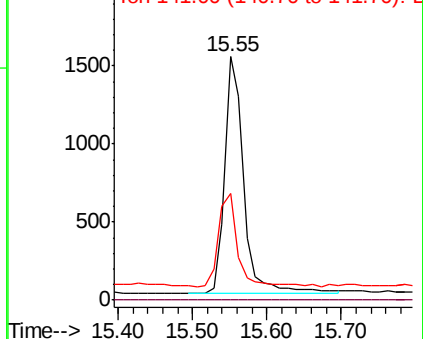
141 40.6 30.3 45.5

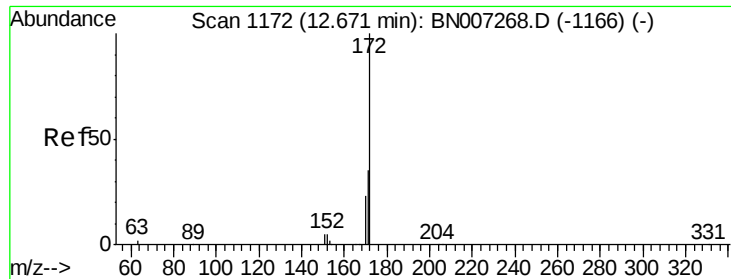


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

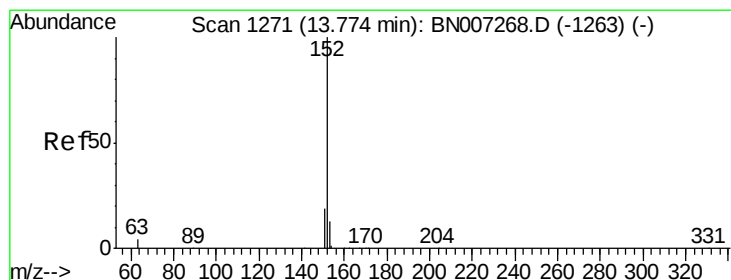
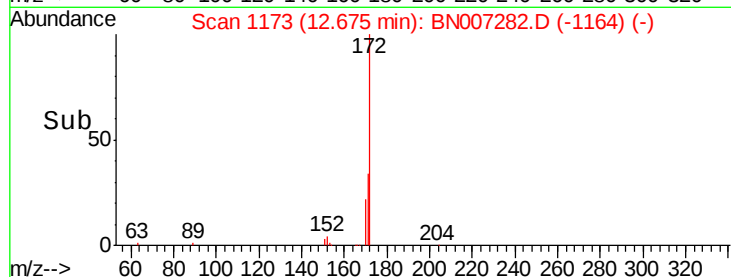
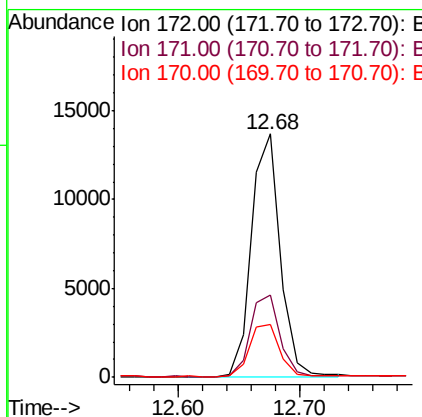
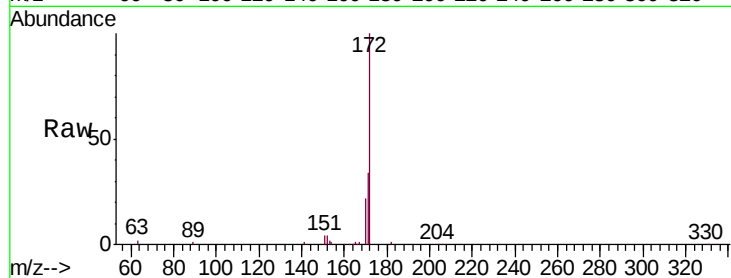




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007282.D
Acq: 21 Aug 2019 06:38

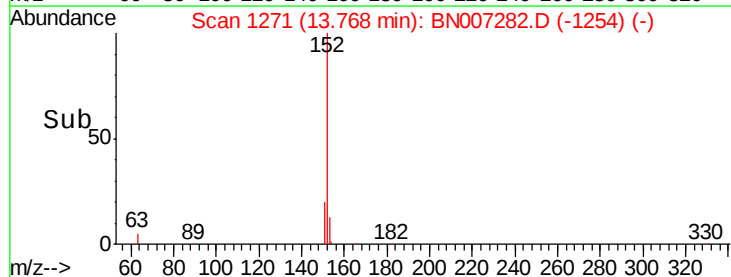
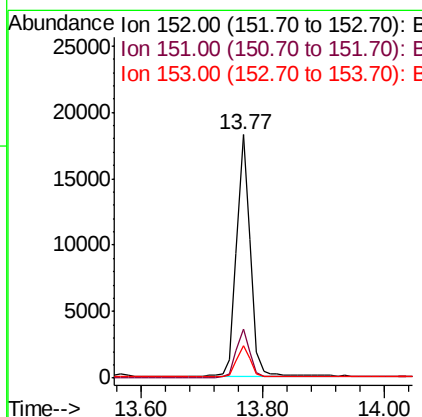
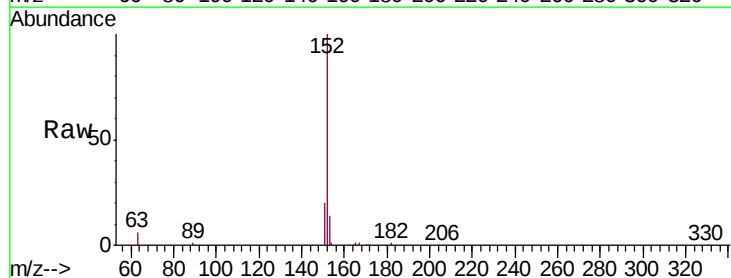
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

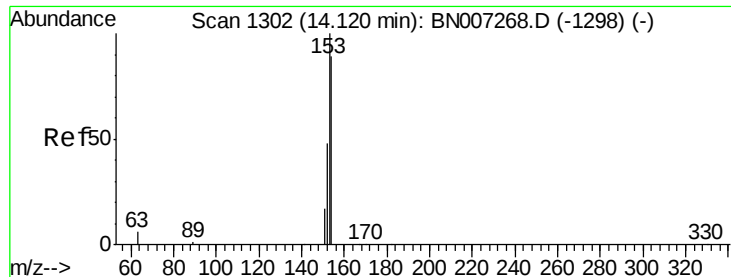
Tgt Ion:172 Resp: 22457
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 21.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007282.D
Acq: 21 Aug 2019 06:38

Tgt Ion:152 Resp: 28424
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 13.0 10.1 15.1





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

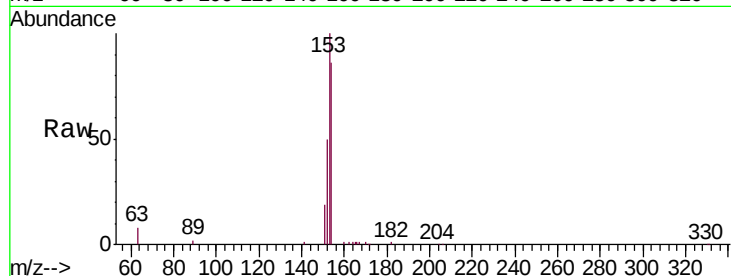
Tgt Ion:154 Resp: 17521

Ion Ratio Lower Upper

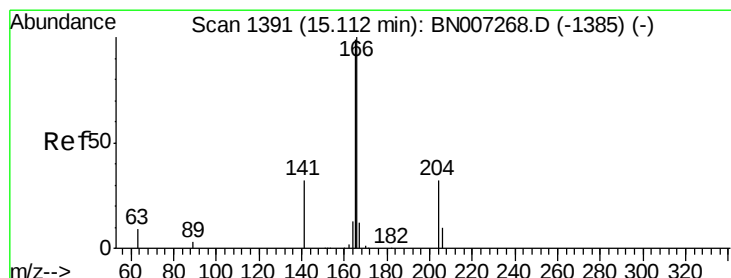
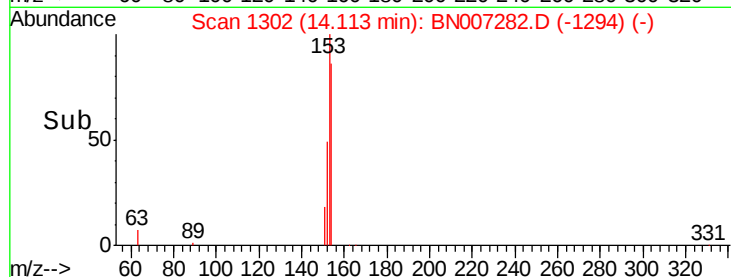
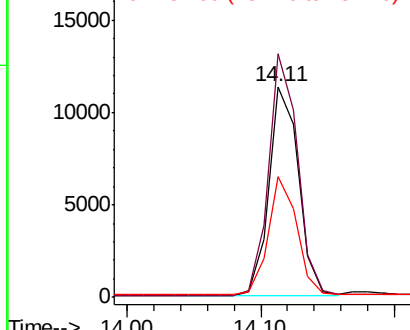
154 100

153 115.4 89.9 134.9

152 55.7 43.9 65.9



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: 0.404 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

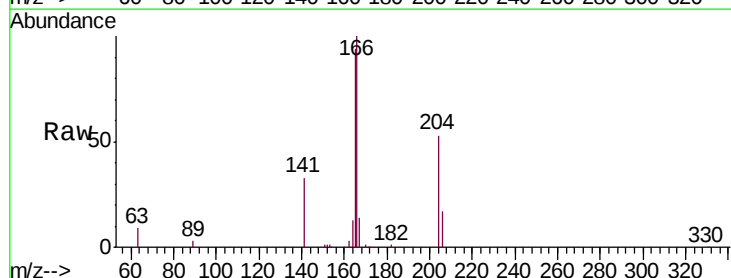
Tgt Ion:166 Resp: 23010

Ion Ratio Lower Upper

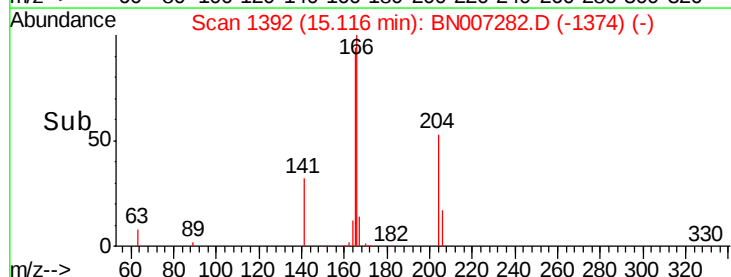
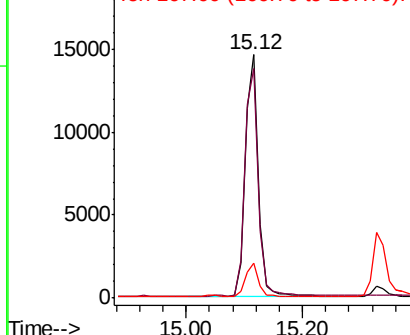
166 100

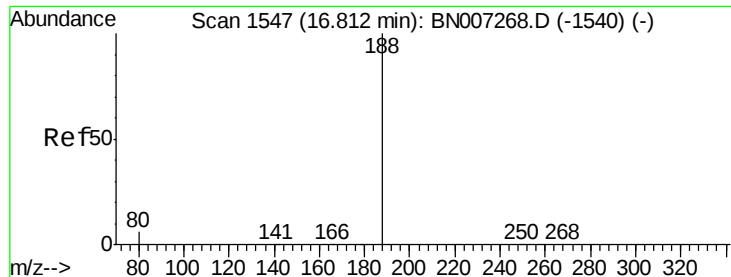
165 98.2 78.3 117.5

167 13.1 11.1 16.7



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

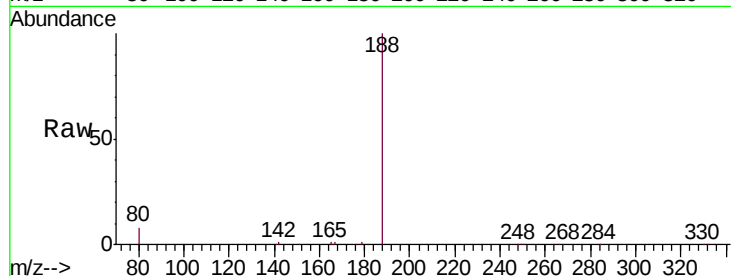
Tgt Ion:188 Resp: 29433

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

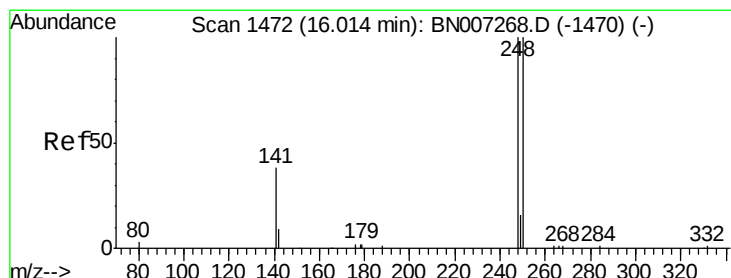
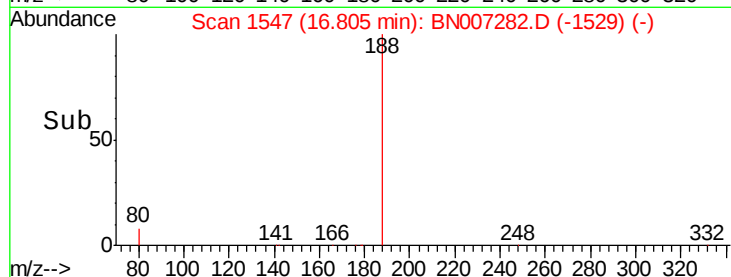
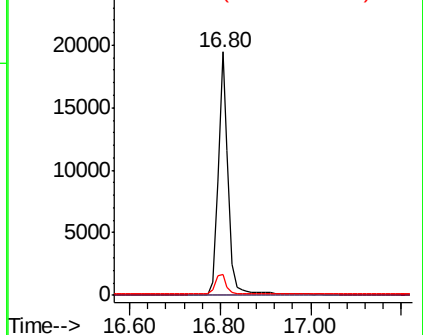
80 8.4 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.424 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

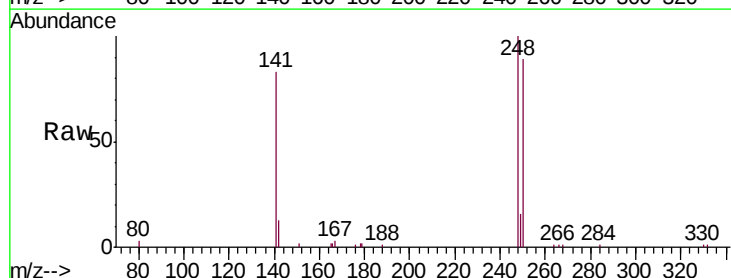
Tgt Ion:248 Resp: 7142

Ion Ratio Lower Upper

248 100

250 89.4 79.6 119.4

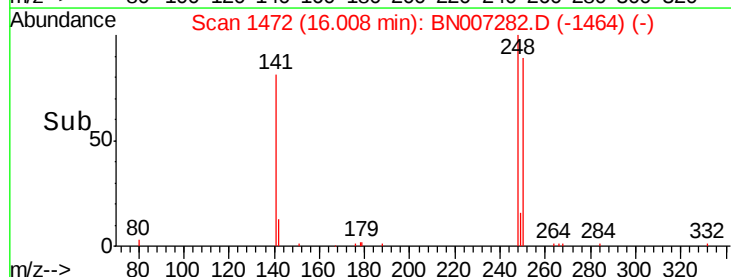
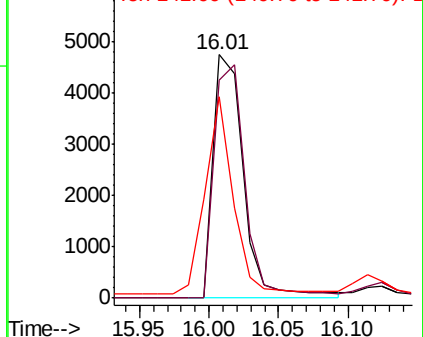
141 82.7 45.1 67.7#



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: 0.417 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

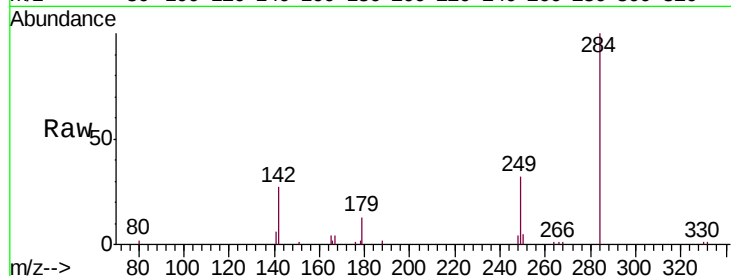
Tgt Ion:284 Resp: 8121

Ion Ratio Lower Upper

284 100

142 37.0 29.5 44.3

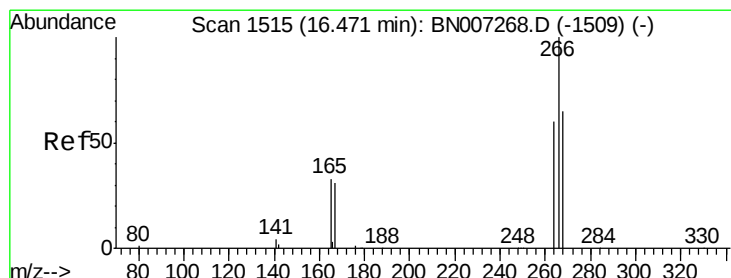
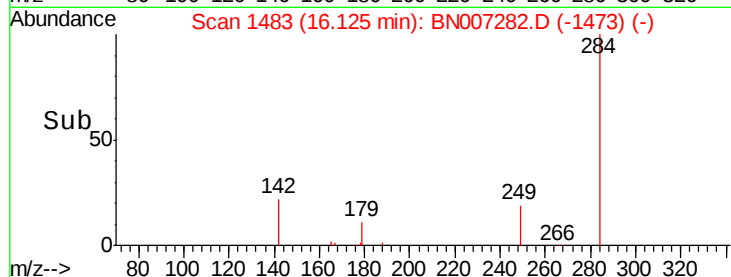
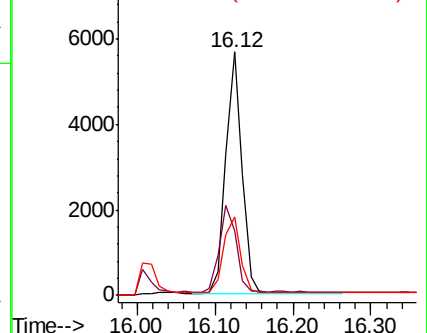
249 32.7 26.2 39.4



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: 0.393 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

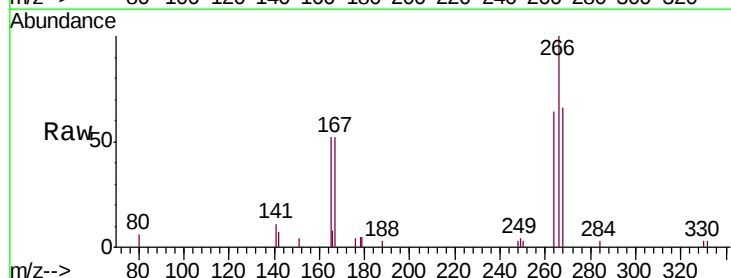
Tgt Ion:266 Resp: 3078

Ion Ratio Lower Upper

266 100

264 64.2 48.7 73.1

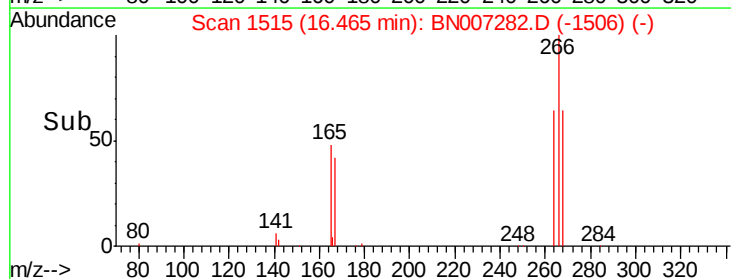
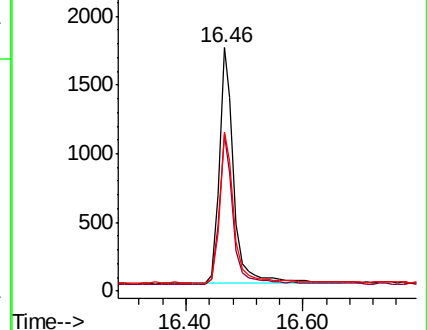
268 65.6 53.5 80.3

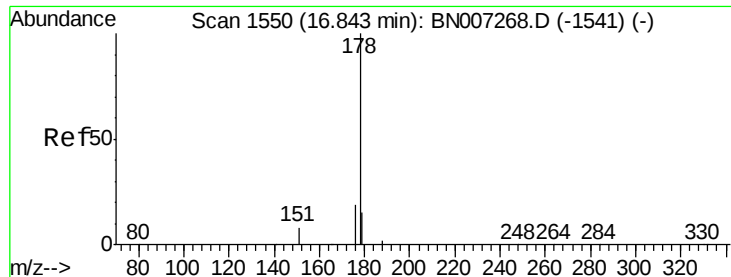


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

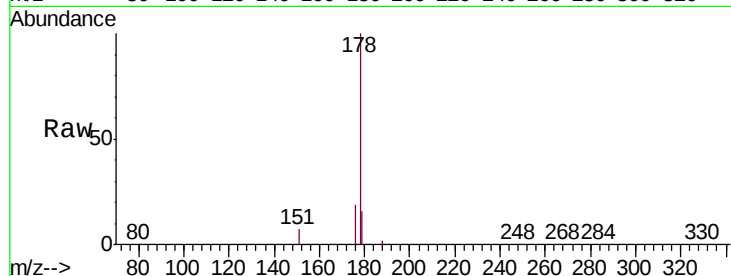
Tgt Ion:178 Resp: 37733

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

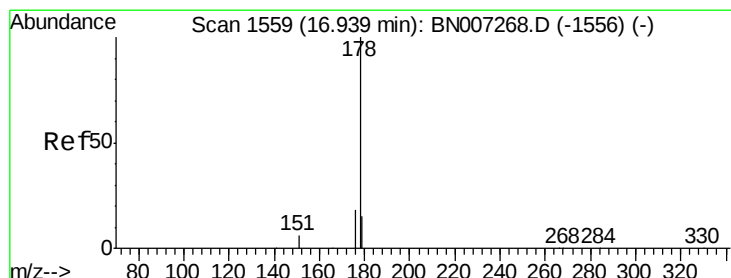
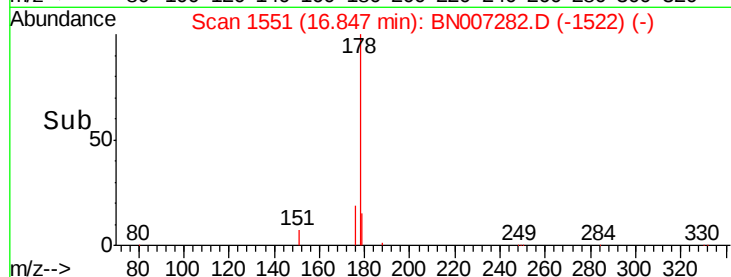
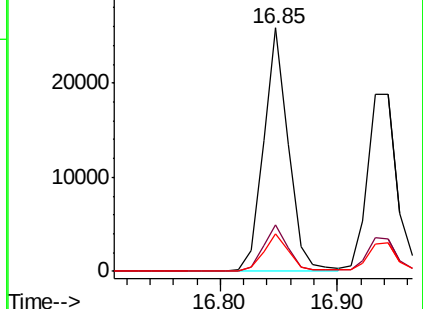
179 15.4 12.3 18.5



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: 0.405 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

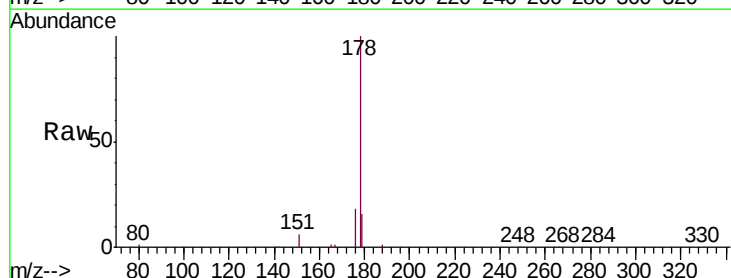
Tgt Ion:178 Resp: 33606

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

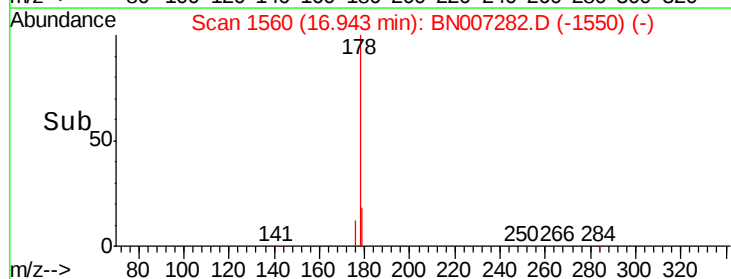
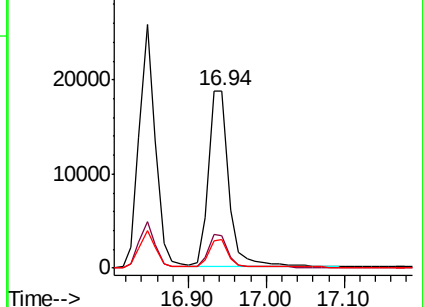
179 15.5 12.3 18.5

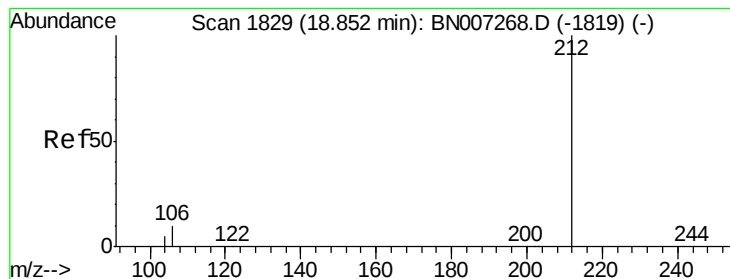


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

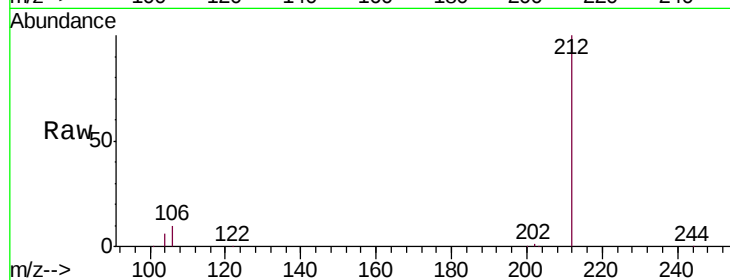
Tgt Ion:212 Resp: 37041

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

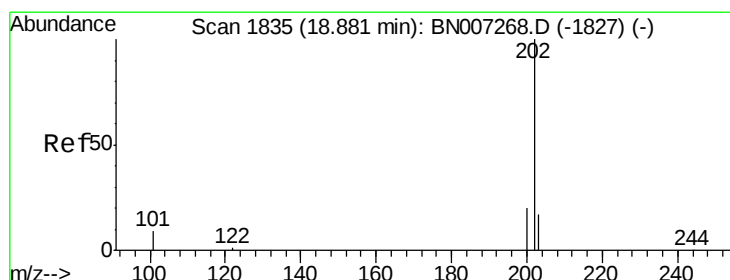
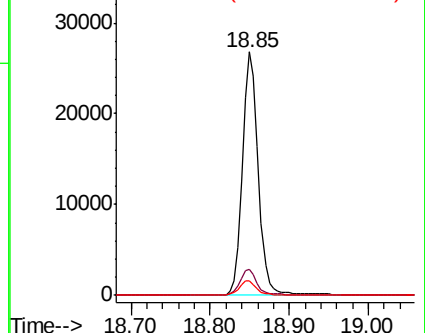
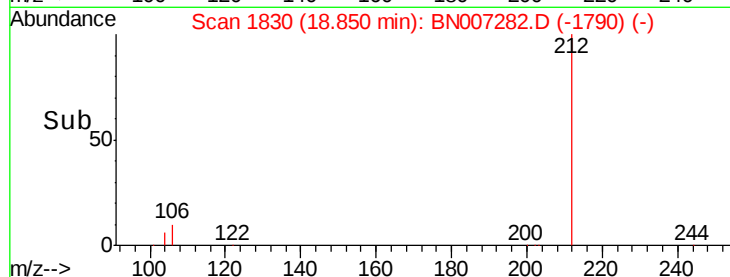
104 5.8 4.7 7.1



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: 0.399 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

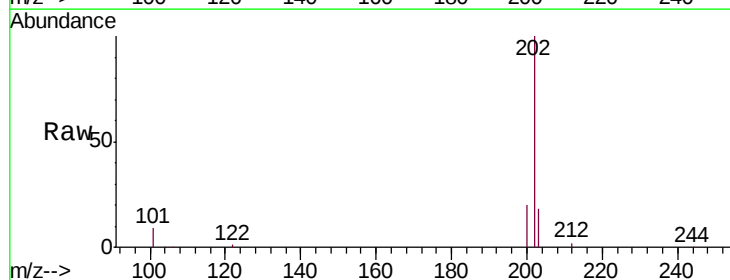
Tgt Ion:202 Resp: 44601

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

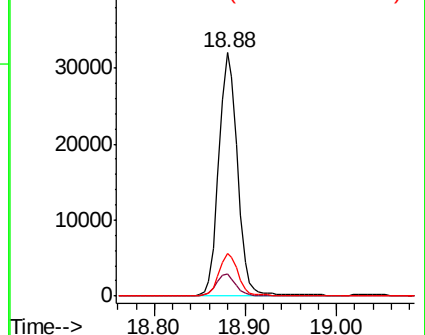
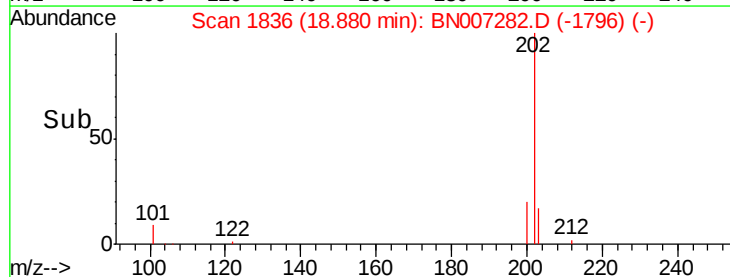
203 17.2 13.8 20.6

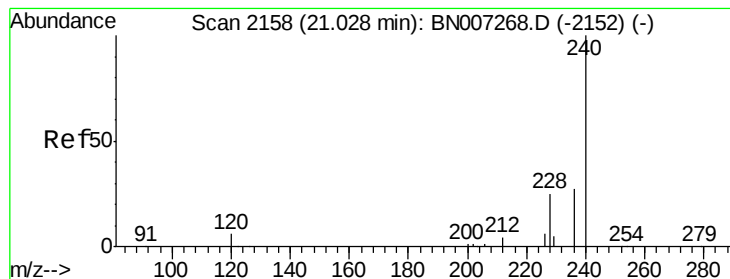


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

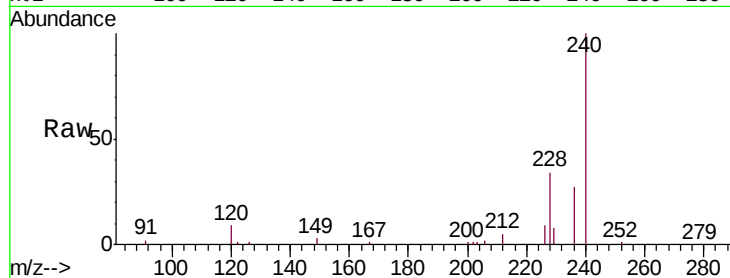
Tgt Ion:240 Resp: 28634

Ion Ratio Lower Upper

240 100

120 8.6 5.6 8.4#

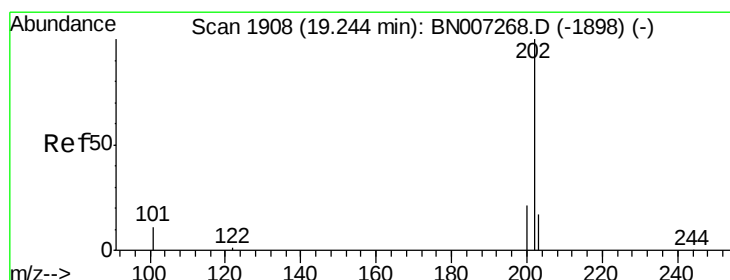
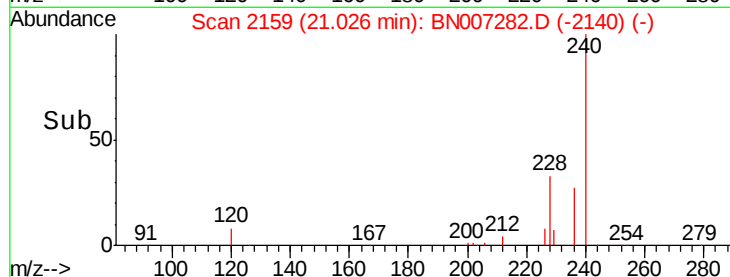
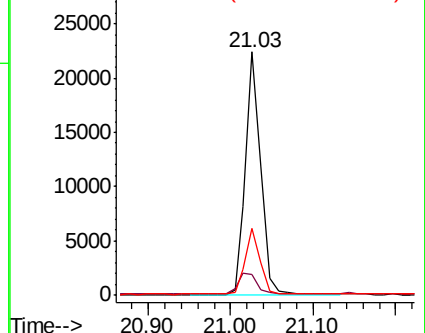
236 27.3 21.6 32.4



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: 0.424 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

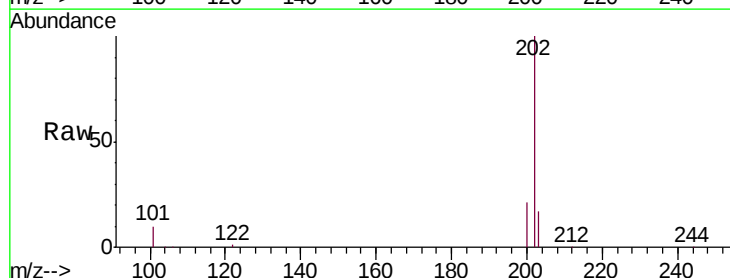
Tgt Ion:202 Resp: 45378

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

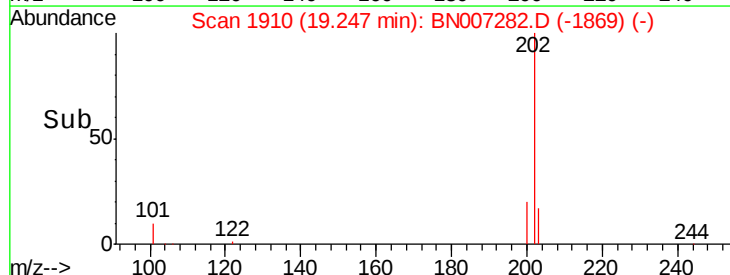
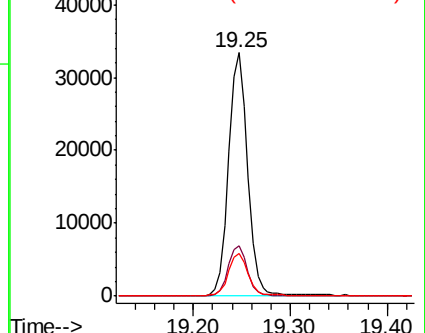
203 17.6 13.9 20.9



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: 0.414 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

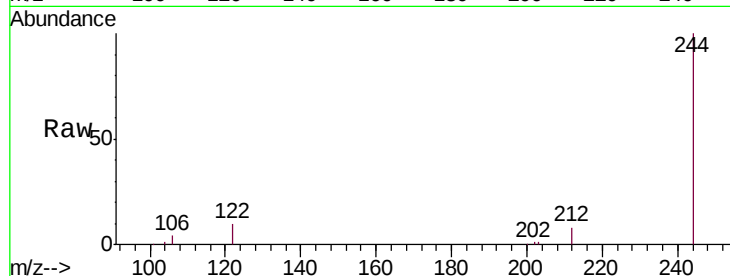
Tgt Ion:244 Resp: 29686

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

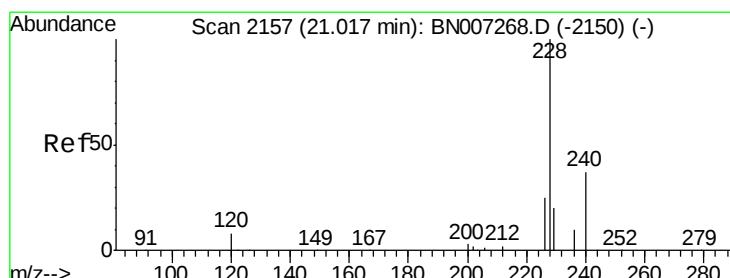
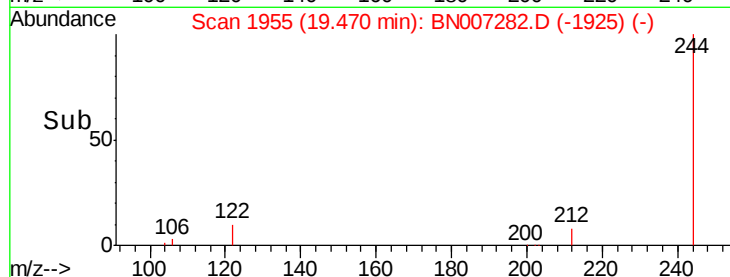
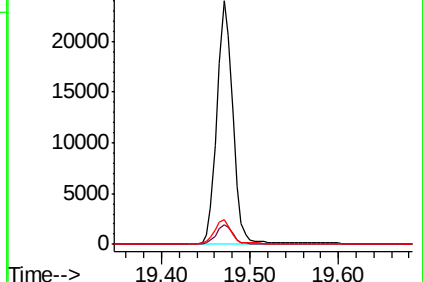
122 10.0 7.9 11.9



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: 0.413 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

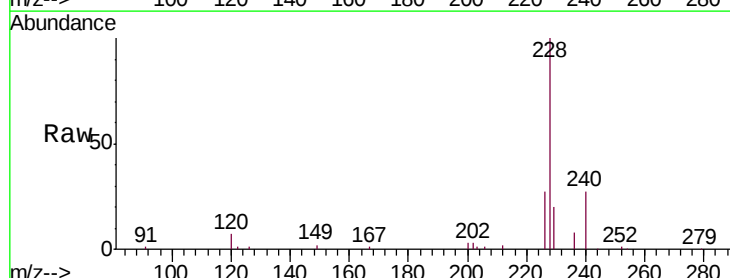
Tgt Ion:228 Resp: 43965

Ion Ratio Lower Upper

228 100

226 26.5 20.6 30.8

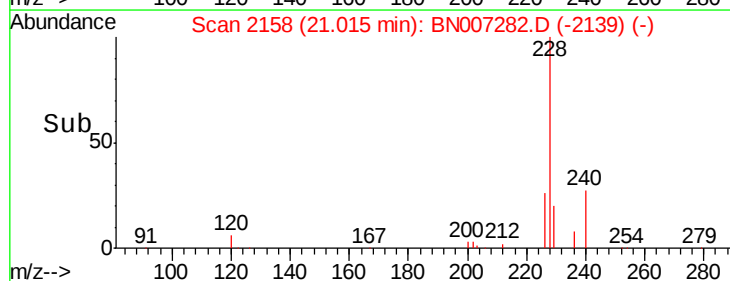
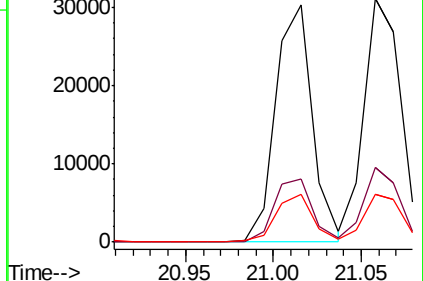
229 20.2 16.9 25.3

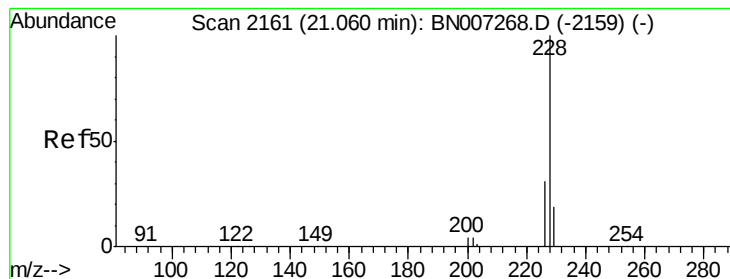


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

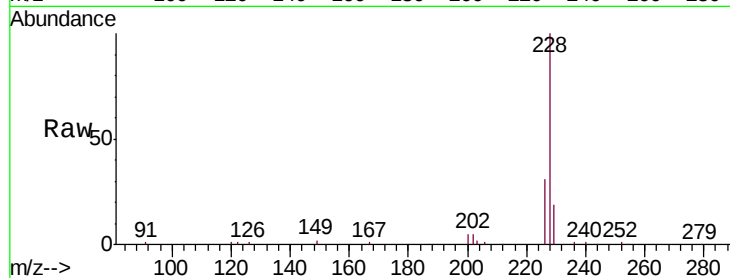
Tgt Ion:228 Resp: 45320

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

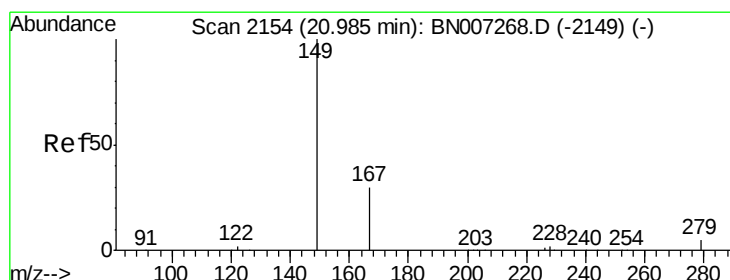
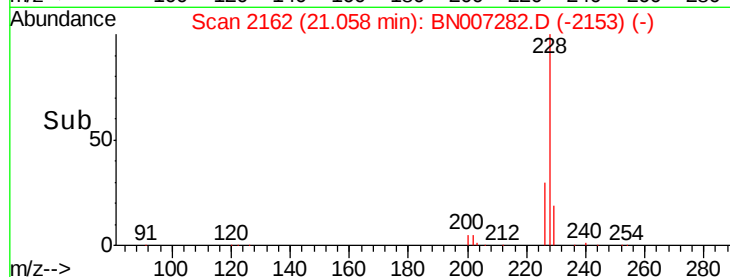
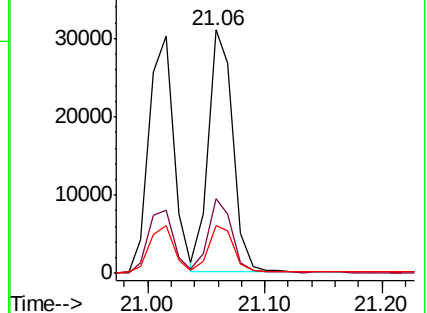
229 19.4 15.6 23.4



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: 0.437 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

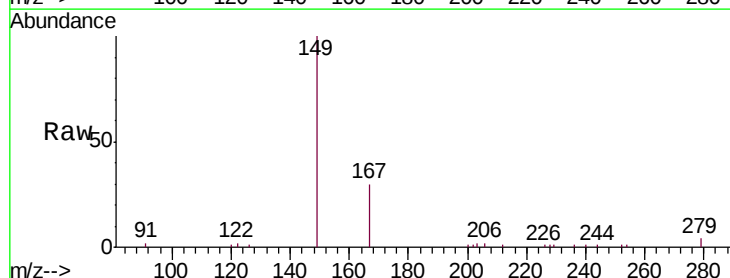
Tgt Ion:149 Resp: 18596

Ion Ratio Lower Upper

149 100

167 29.3 23.8 35.6

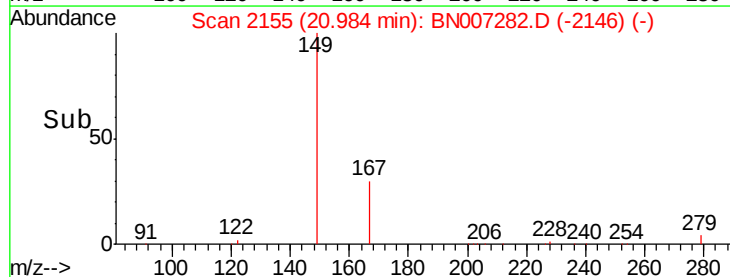
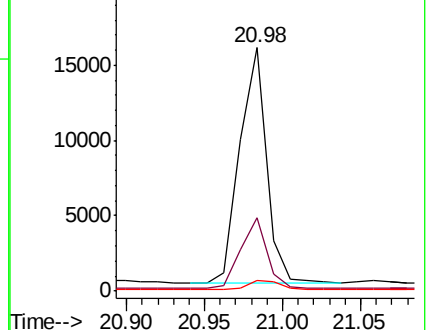
279 4.4 3.8 5.8

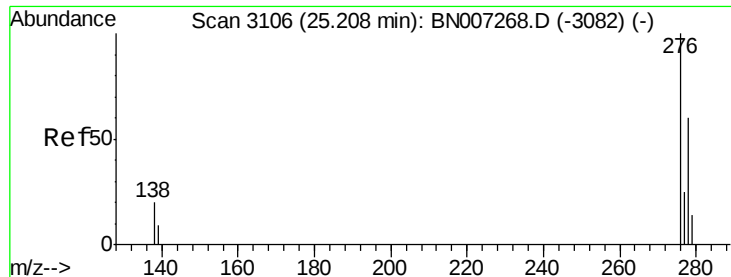


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.441 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

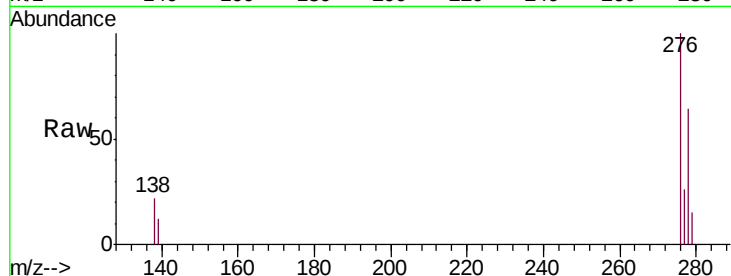
Tgt Ion:276 Resp: 57598

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

277 24.9 20.1 30.1

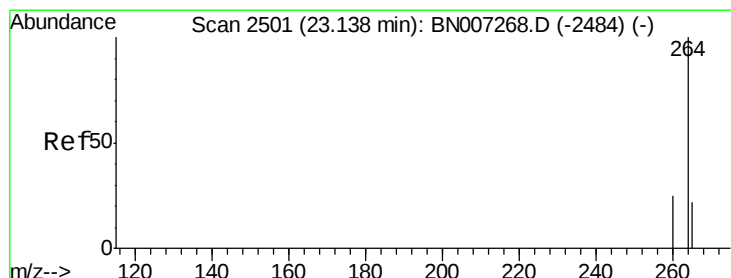
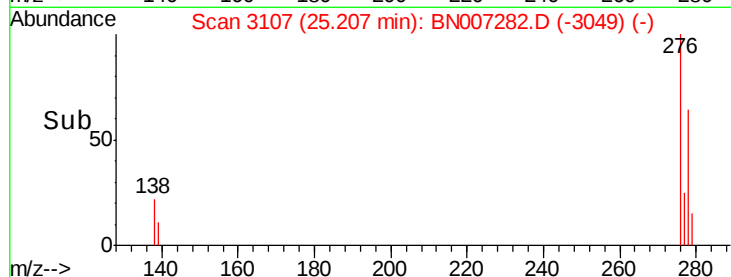
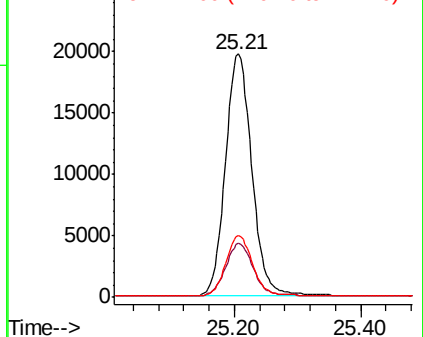


Abundance

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: 23.14 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

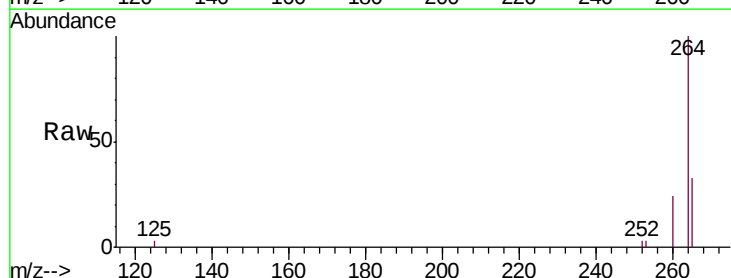
Tgt Ion:264 Resp: 32697

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 33.2 29.0 43.6

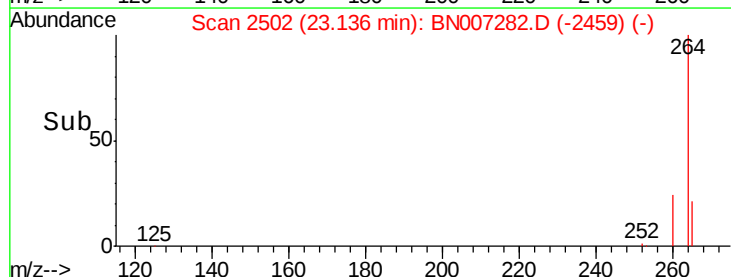
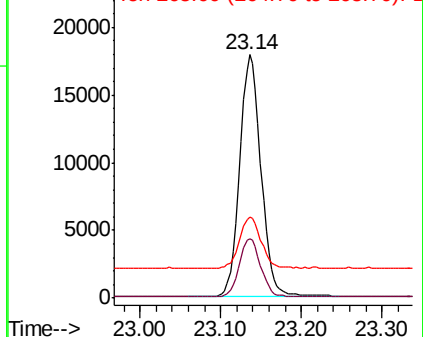


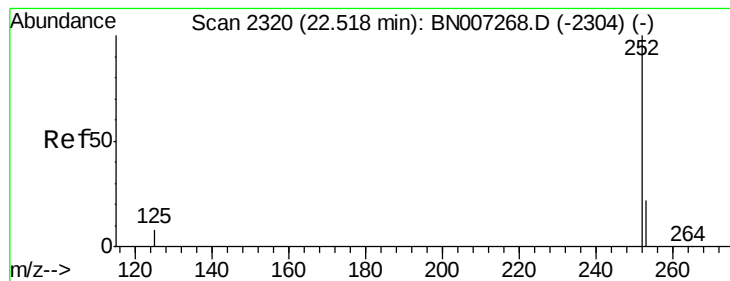
Abundance

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: 0.381 ng

RT: 22.52 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

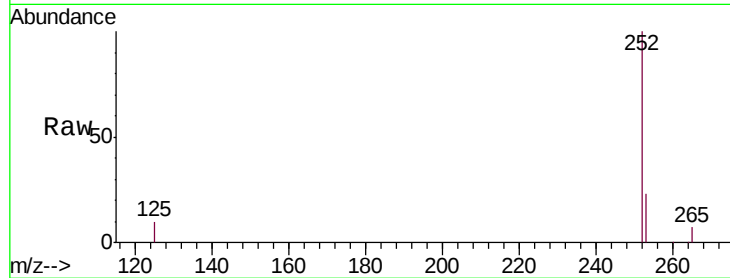
Tgt Ion:252 Resp: 46404

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

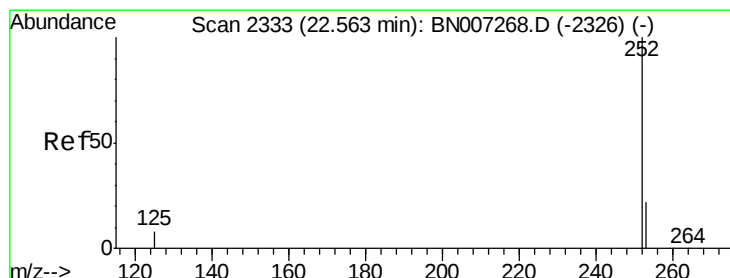
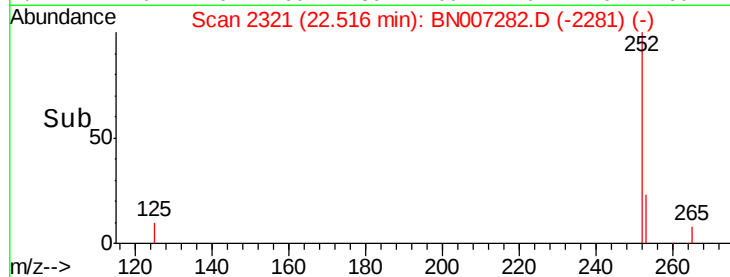
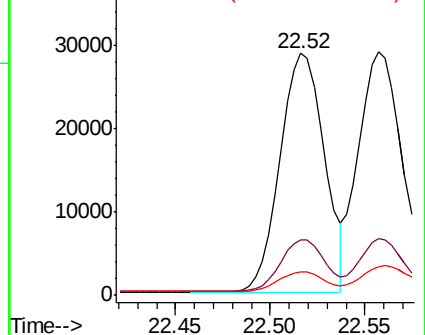
125 9.6 7.8 11.6



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: 0.397 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

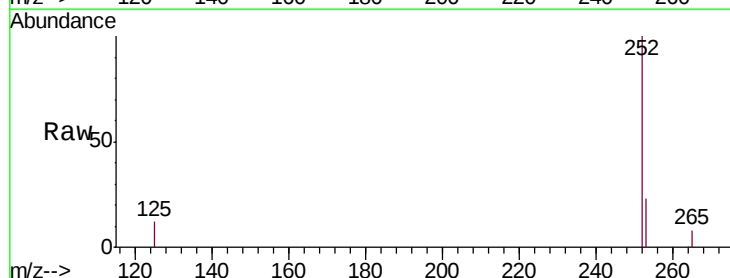
Tgt Ion:252 Resp: 47374

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

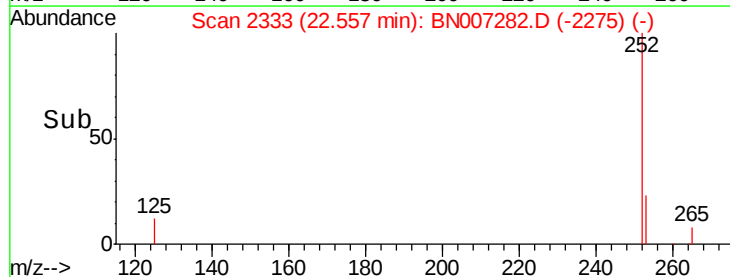
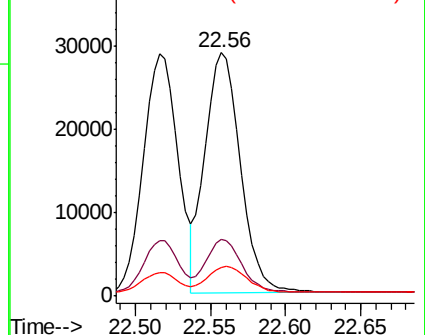
125 11.7 8.0 12.0



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





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

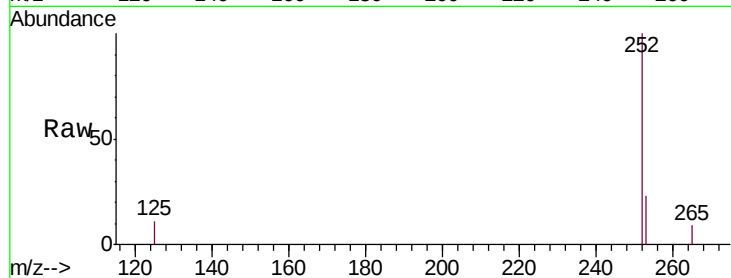
Tgt Ion: 252 Resp: 43752

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

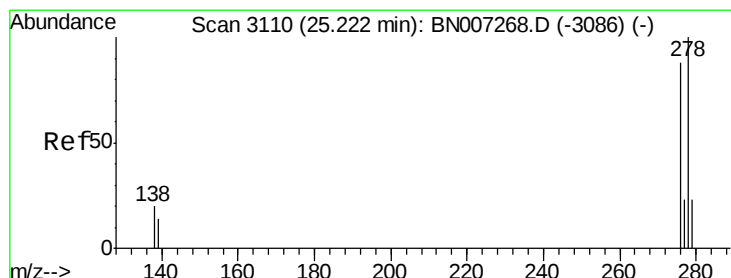
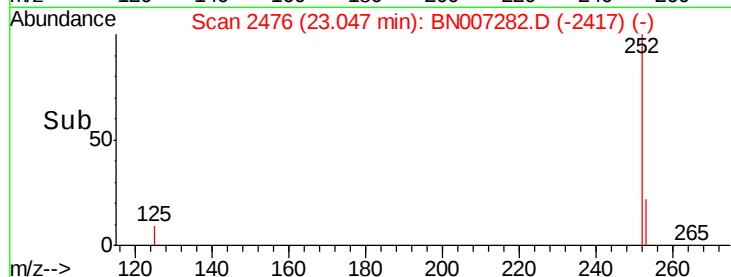
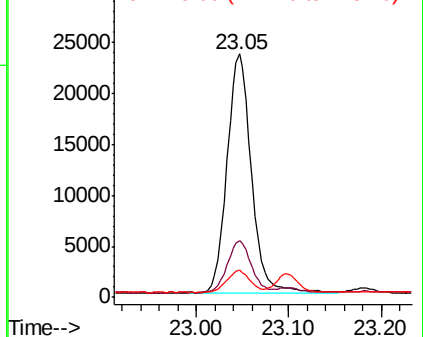
125 11.0 8.7 13.1



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: 0.403 ng

RT: 25.22 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BN007282.D

Acq: 21 Aug 2019 06:38

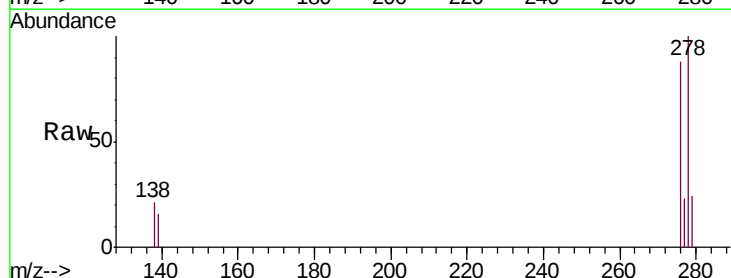
Tgt Ion: 278 Resp: 46560

Ion Ratio Lower Upper

278 100

139 15.9 11.8 17.8

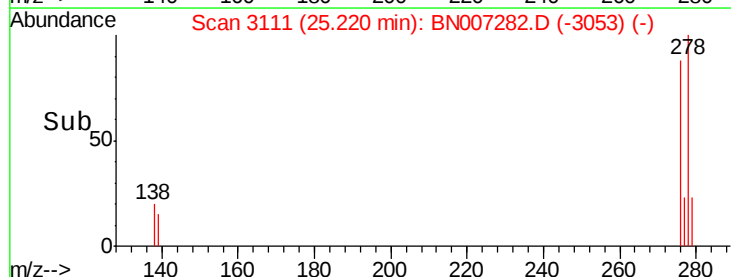
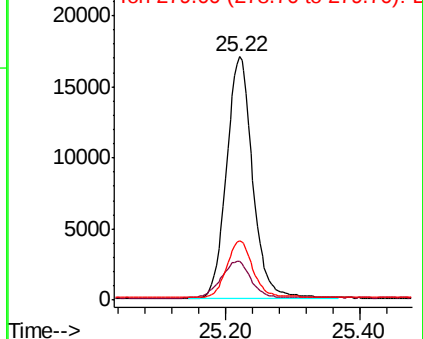
279 24.3 19.8 29.6

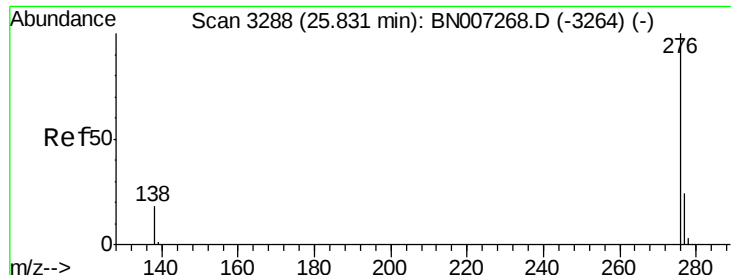


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.392 ng

RT: 25.83 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BN007282.D

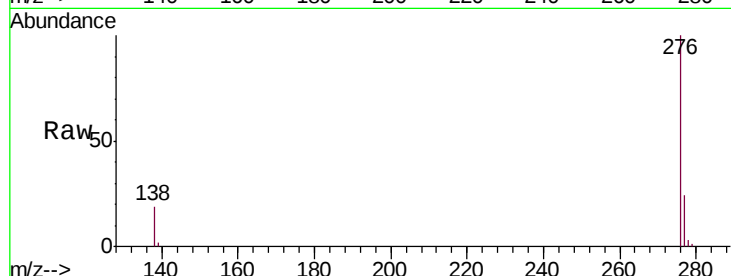
Acq: 21 Aug 2019 06:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 45731

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.4 15.3 22.9

