

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008888.D
 Acq On : 09 Dec 2019 11:15
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

Quant Time: Dec 09 15:16:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:08:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3710	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	15776	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	11316	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	25677	0.40	ng	0.00
27) Chrysene-d12	21.13	240	27169	0.40	ng	0.00
34) Perylene-d12	23.28	264	28976	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	3729	0.37	ng	0.00
5) Phenol-d6	6.75	99	5209	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	5380	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	10682	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	2132	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	16853	0.40	ng	0.00
25) Fluoranthene-d10	18.97	212	30139	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	24768	0.40	ng	0.00

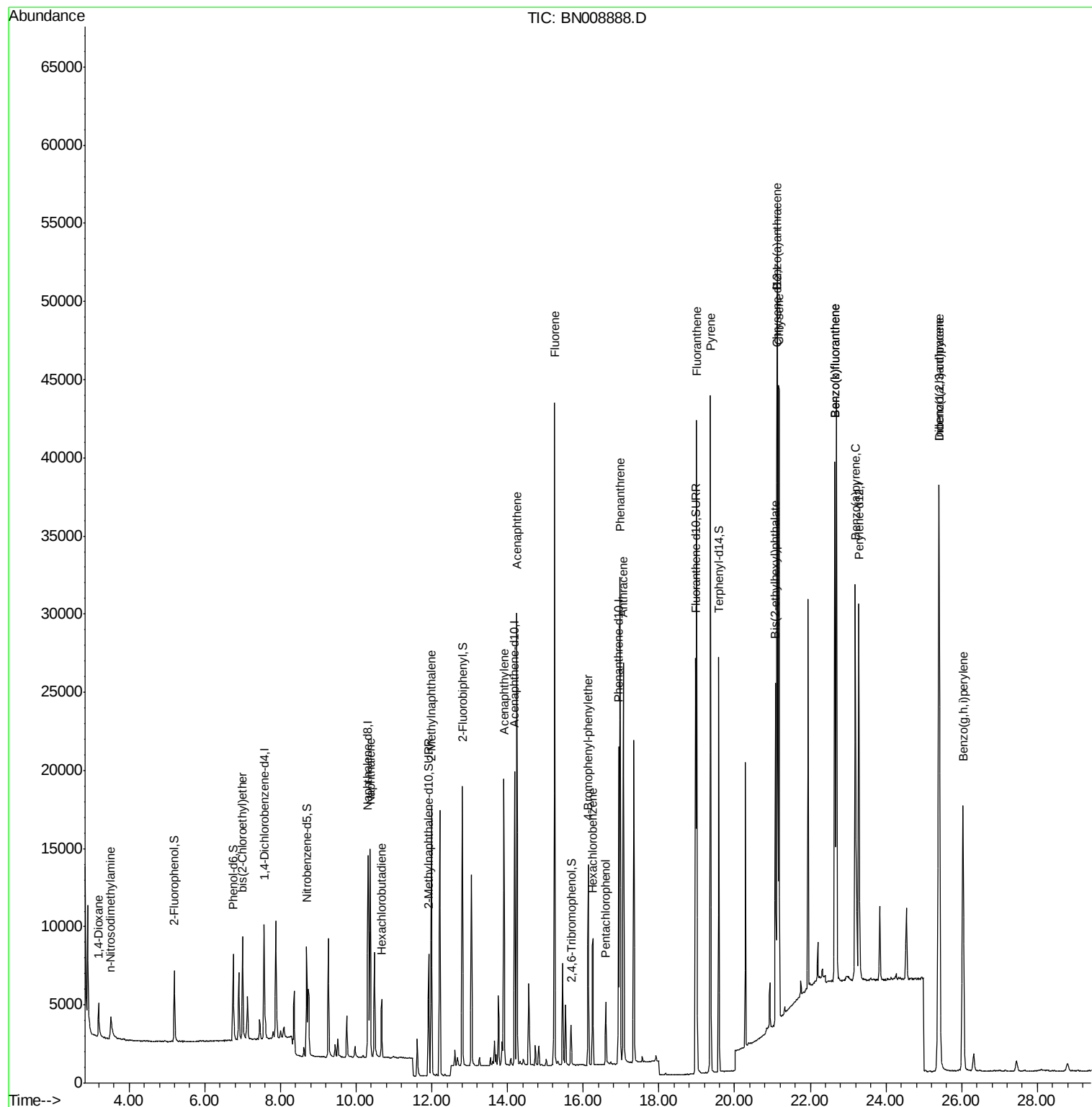
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1323	0.371	ng	98
3) n-Nitrosodimethylamine	3.51	42	1648	0.335	ng	# 93
6) bis(2-Chloroethyl)ether	7.00	93	4828	0.392	ng	99
9) Naphthalene	10.37	128	16898	0.402	ng	100
10) Hexachlorobutadiene	10.67	225	3258	0.393	ng	# 99
12) 2-Methylnaphthalene	11.99	142	12597	0.406	ng	99
16) Acenaphthylene	13.90	152	19752	0.374	ng	100
17) Acenaphthene	14.25	154	13440	0.401	ng	99
18) Fluorene	15.24	166	17919	0.403	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	5918	0.394	ng	99
21) Hexachlorobenzene	16.25	284	6845	0.395	ng	100
22) Pentachlorophenol	16.59	266	2174	0.313	ng	99
23) Phenanthrene	16.98	178	31447	0.401	ng	100
24) Anthracene	17.06	178	27467	0.382	ng	100
26) Fluoranthene	19.00	202	37030	0.392	ng	100
28) Pyrene	19.36	202	37749	0.398	ng	100
30) Benzo(a)anthracene	21.12	228	37885	0.386	ng	100
31) Chrysene	21.17	228	39080	0.410	ng	100
32) Bis(2-ethylhexyl)phthalate	21.08	149	18096	0.276	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	42205	0.359	ng	98
35) Benzo(b)fluoranthene	22.65	252	38781	0.403	ng	98
36) Benzo(k)fluoranthene	22.65	252	38781	0.410	ng	98
37) Benzo(a)pyrene	23.19	252	35900	0.396	ng	99
38) Dibenzo(a,h)anthracene	25.41	278	34091	0.368	ng	100
39) Benzo(g,h,i)perylene	26.03	276	33108	0.353	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: 7.57 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

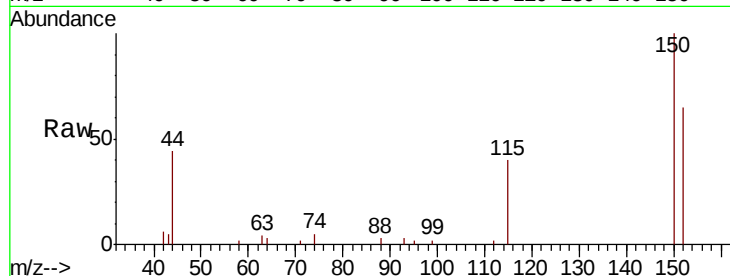
Tot Ion:152 Resp: 3710

Ion Ratio Lower Upper

152 100

150 152.8 122.3 183.5

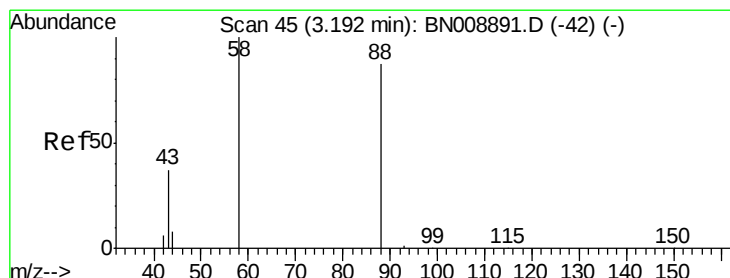
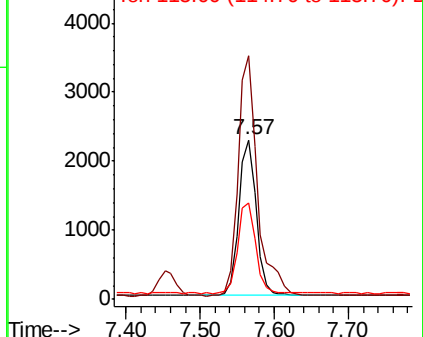
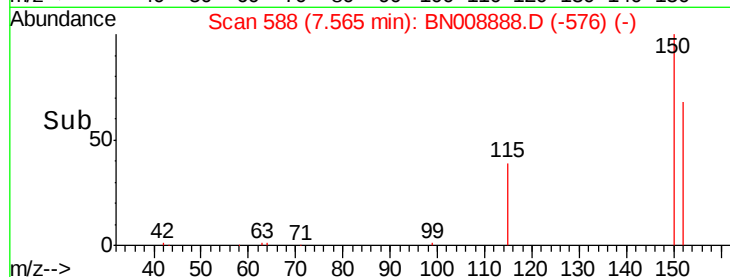
115 60.5 48.4 72.6



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: 0.371 ng

RT: 3.19 min Scan# 45

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

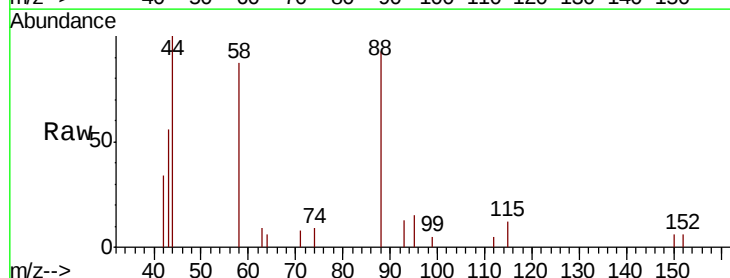
Tgt Ion: 88 Resp: 1323

Ion Ratio Lower Upper

88 100

58 110.4 88.6 132.8

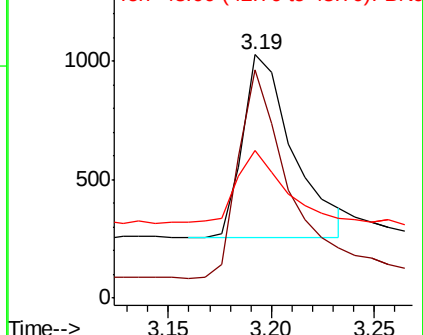
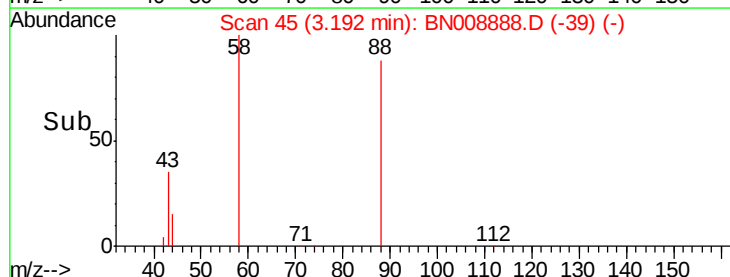
43 36.2 31.8 47.8



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



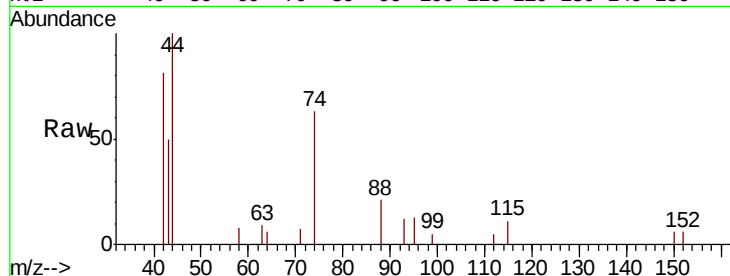


#3

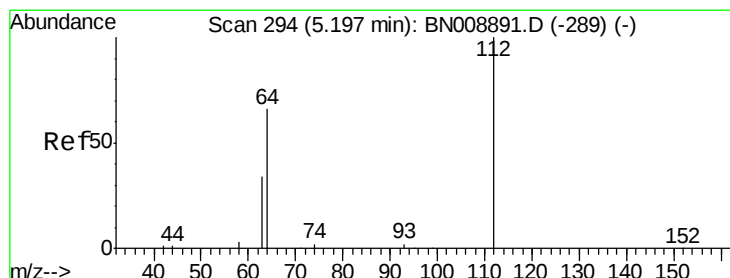
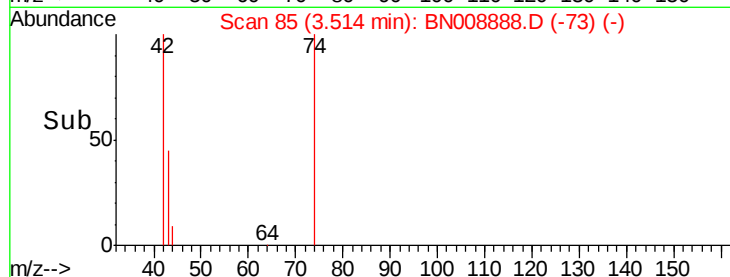
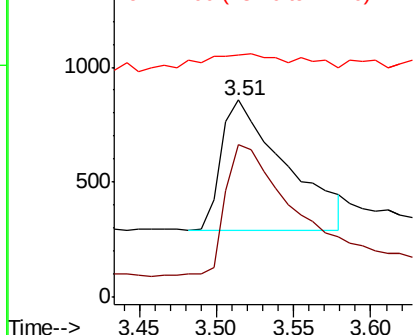
n-Nitrosodimethylamine
 Concen: 0.335 ng
 RT: 3.51 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BN008888.D
 Acq: 09 Dec 2019 11:15

Instrument :
 BNA_N
 ClientSampled :
 DFTPP

Tot Ion: 42 Resp: 1648
 Ion Ratio Lower Upper
 42 100
 74 105.2 78.6 117.8
 44 17.1 0.0 0.0#



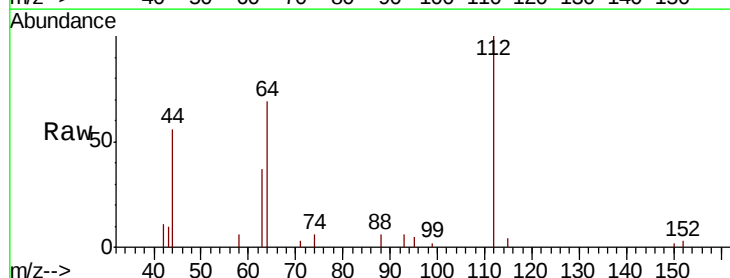
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



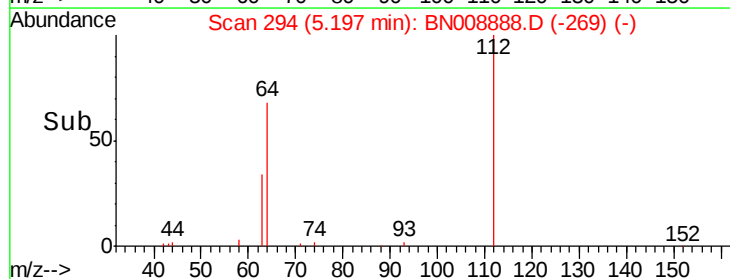
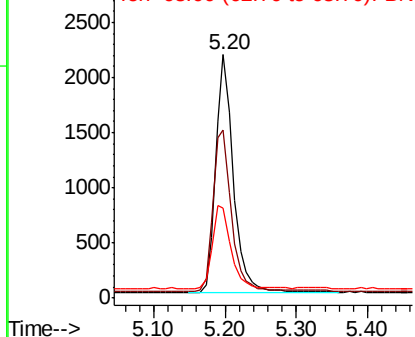
#4

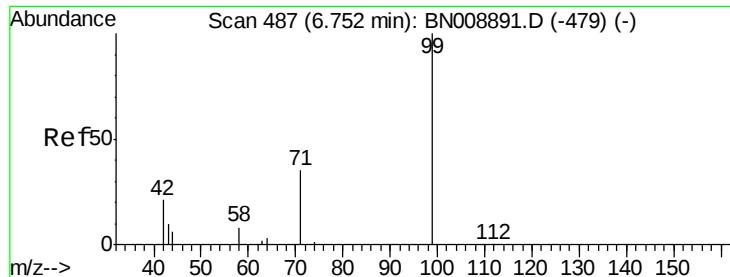
2-Fluorophenol
 Concen: 0.371 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008888.D
 Acq: 09 Dec 2019 11:15

Tgt Ion: 112 Resp: 3729
 Ion Ratio Lower Upper
 112 100
 64 70.8 57.7 86.5
 63 36.8 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

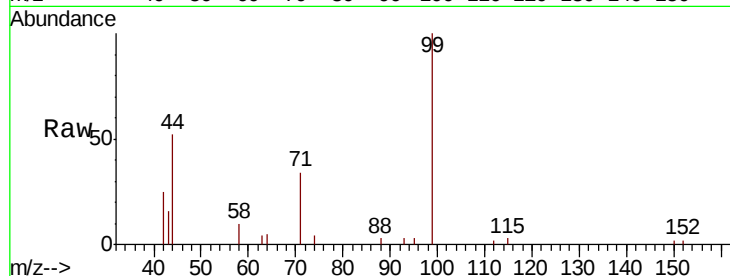
Tot Ion: 99 Resp: 5209

Ion Ratio Lower Upper

99 100

42 23.7 20.1 30.1

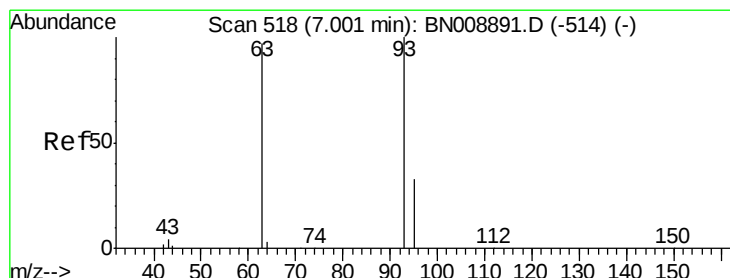
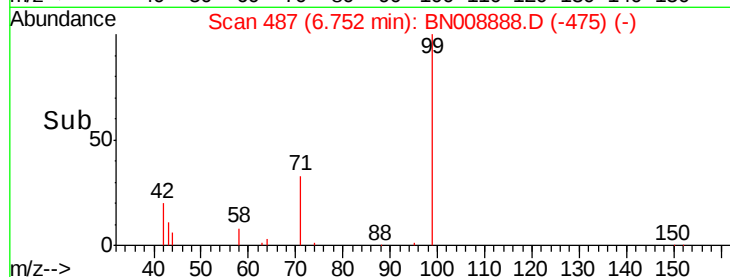
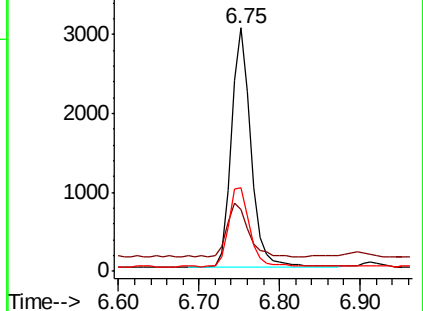
71 35.1 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008888.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008888.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008888.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

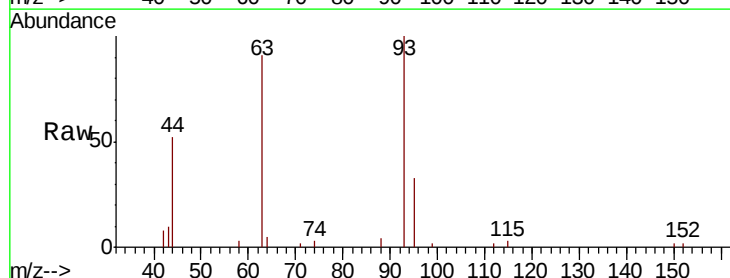
Tgt Ion: 93 Resp: 4828

Ion Ratio Lower Upper

93 100

63 91.4 73.5 110.3

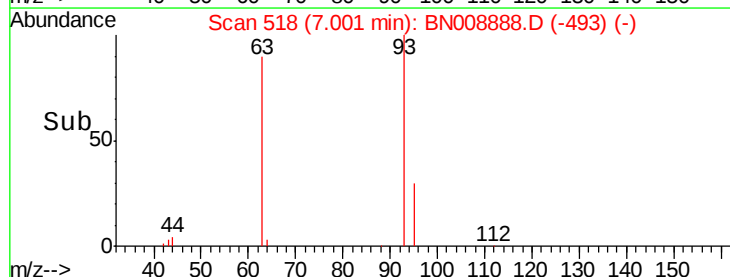
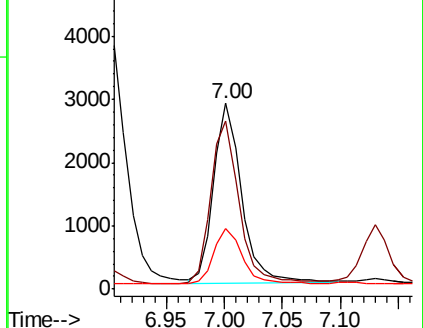
95 31.7 26.0 39.0

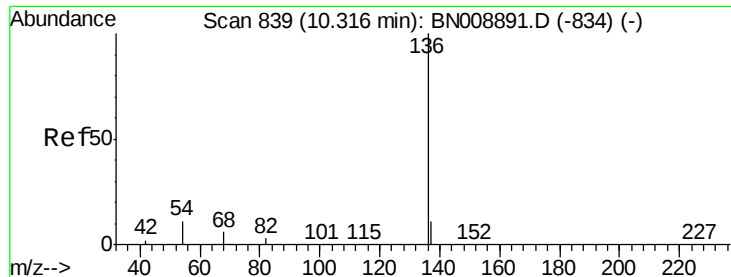


Abundance Ion 93.00 (92.70 to 93.70): BN008888.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN008888.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN008888.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 15776

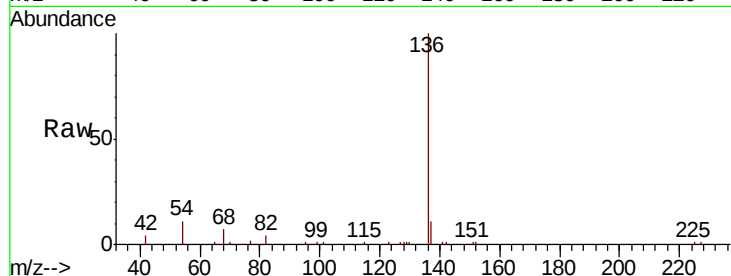
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 11.4 9.6 14.4

68 6.6 5.6 8.4

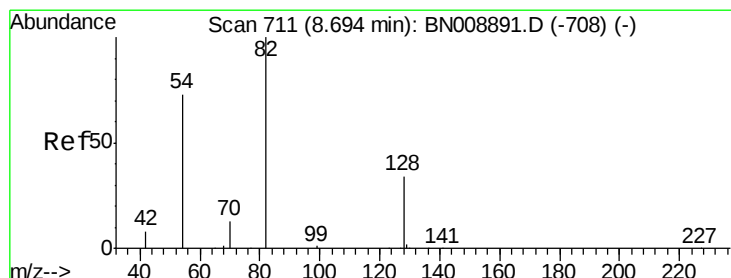
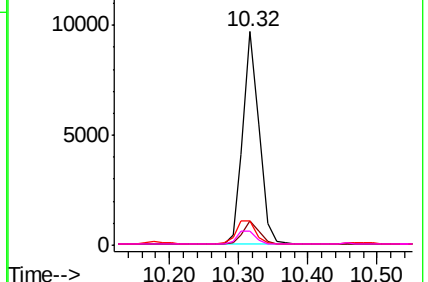
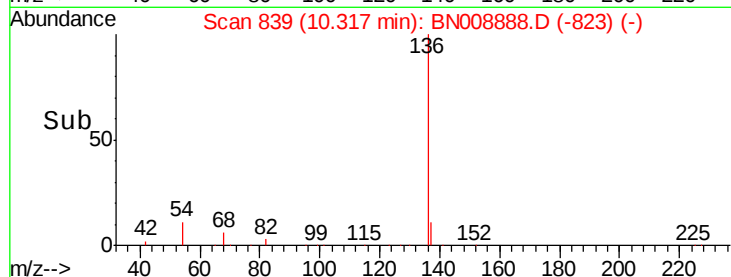


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

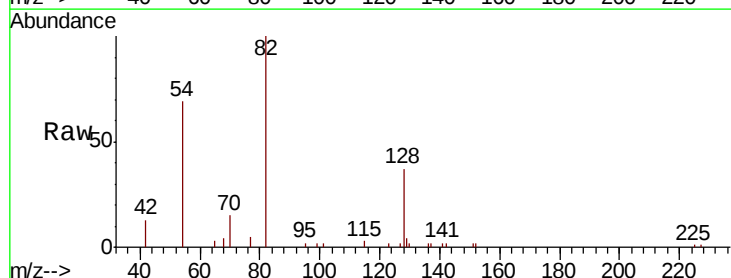
Tgt Ion: 82 Resp: 5380

Ion Ratio Lower Upper

82 100

128 36.6 29.1 43.7

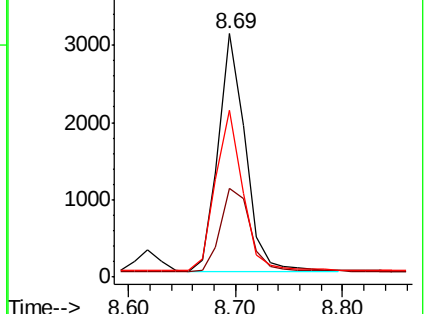
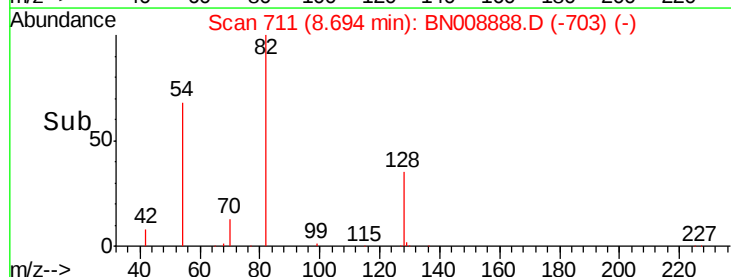
54 68.5 59.7 89.5

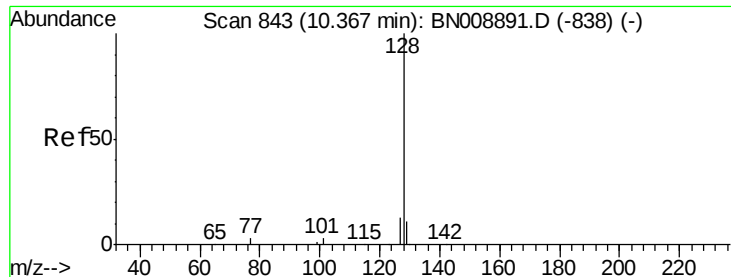


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

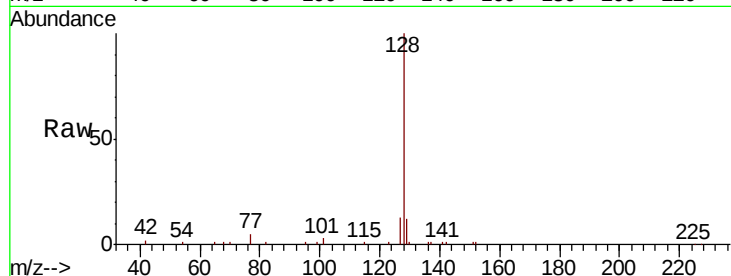
Tot Ion:128 Resp: 16898

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

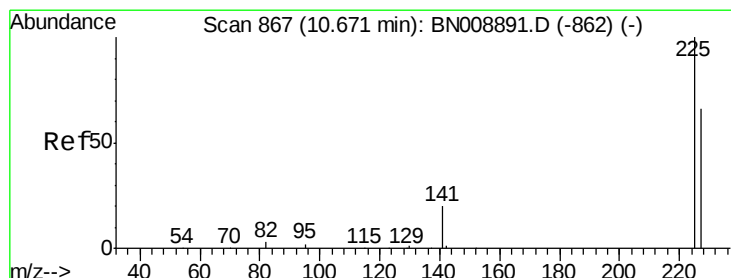
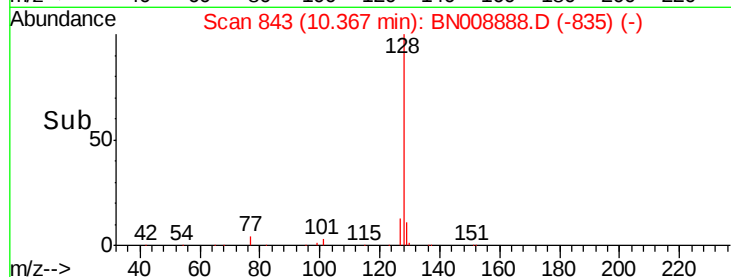
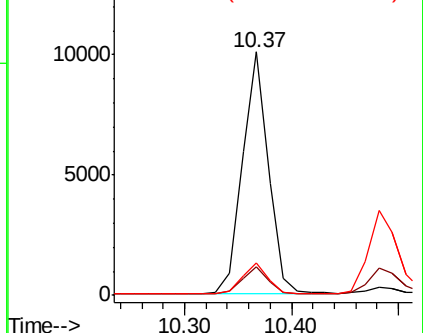
127 13.3 10.8 16.2



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: 0.393 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

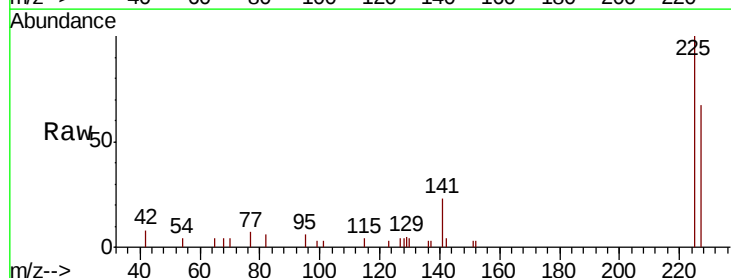
Tgt Ion:225 Resp: 3258

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

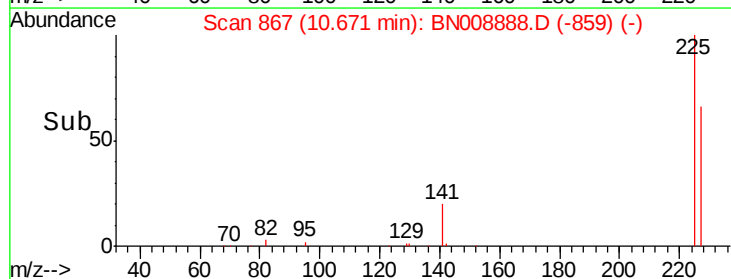
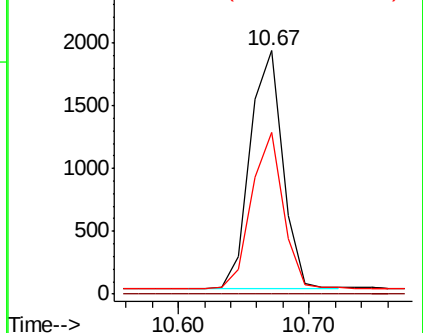
227 63.7 51.4 77.2

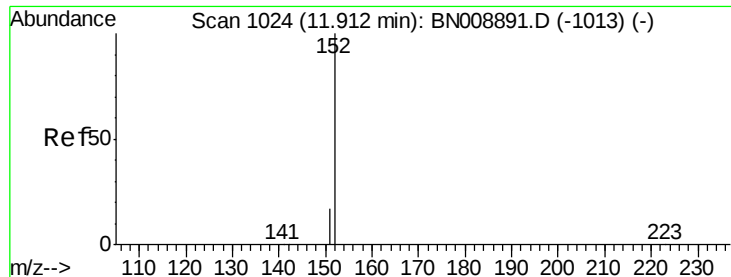


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

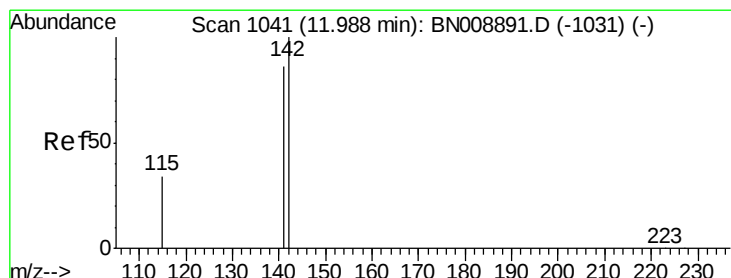
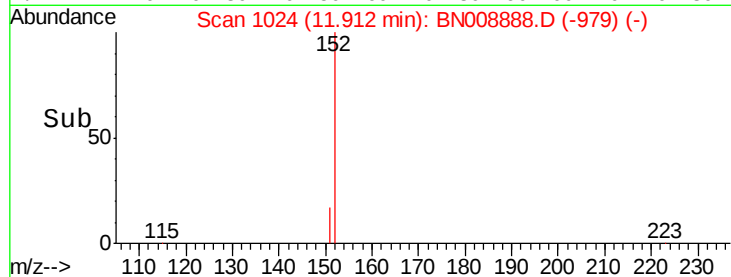
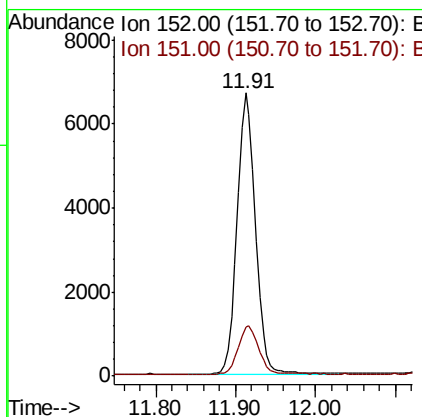
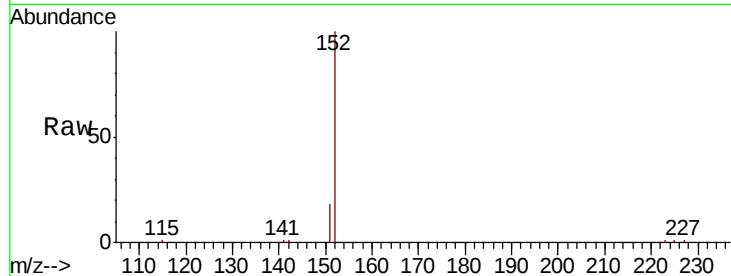




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 11.91 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BN008888.D
 Acq: 09 Dec 2019 11:15

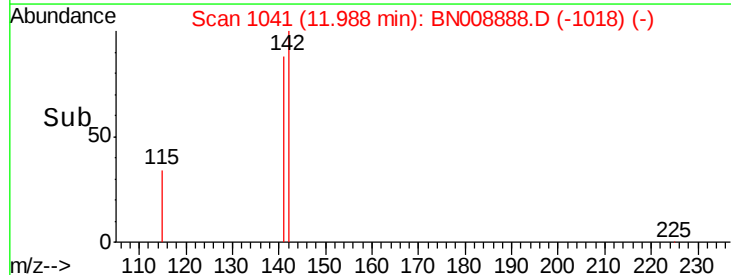
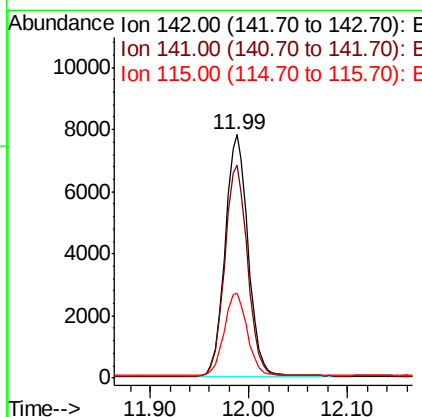
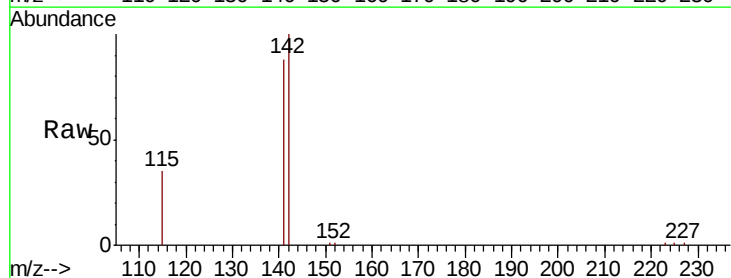
Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

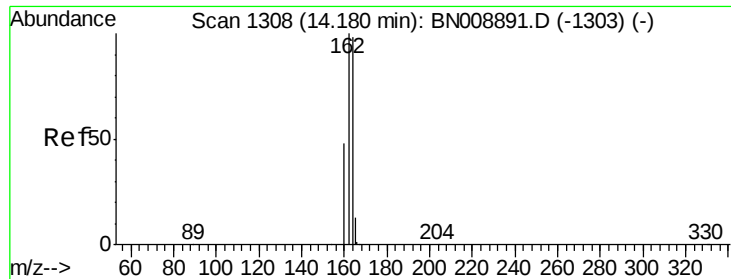
Tot Ion:152 Resp: 10682
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.406 ng
 RT: 11.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BN008888.D
 Acq: 09 Dec 2019 11:15

Tgt Ion:142 Resp: 12597
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.3 103.9
 115 35.0 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

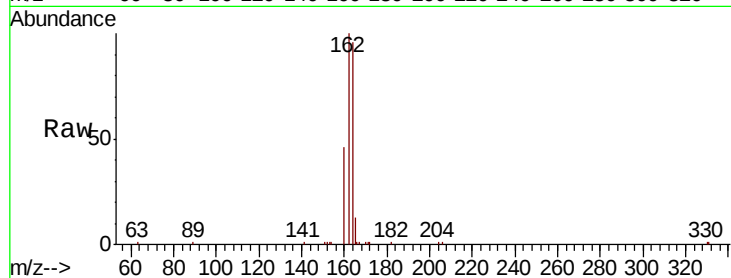
Tot Ion:164 Resp: 11316

Ion Ratio Lower Upper

164 100

162 104.2 81.9 122.9

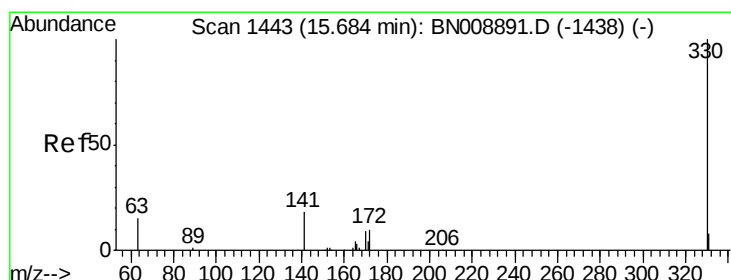
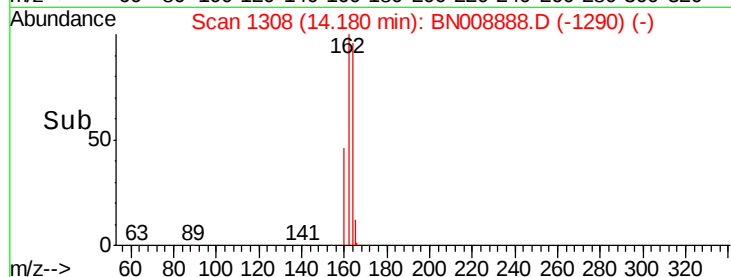
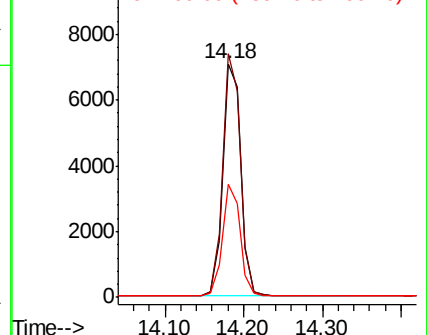
160 48.3 39.3 58.9



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: 0.346 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

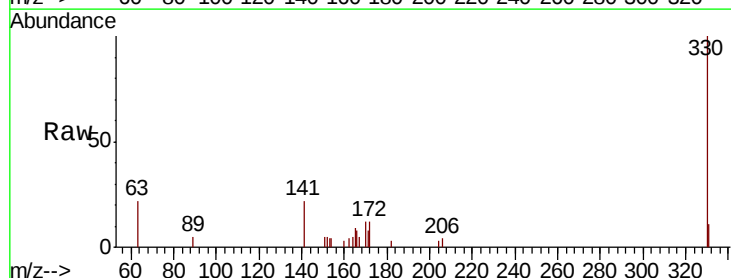
Tgt Ion:330 Resp: 2132

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

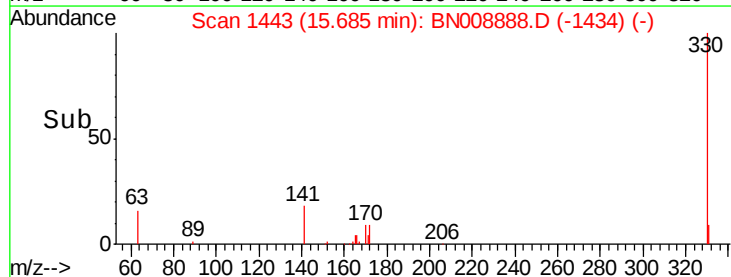
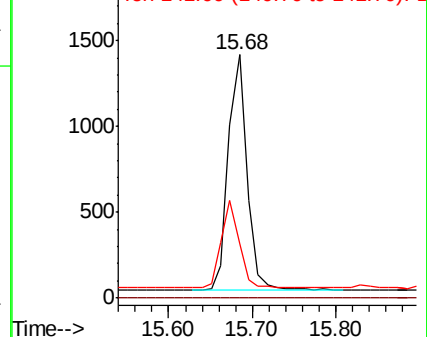
141 36.3 29.6 44.4



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

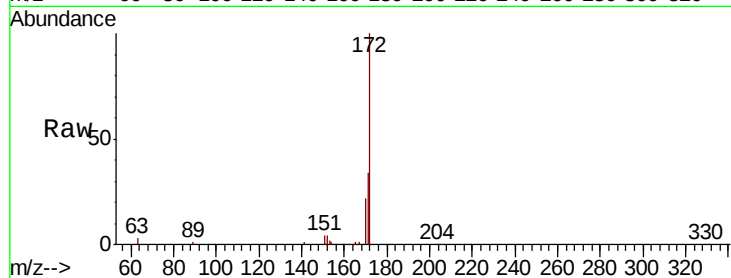




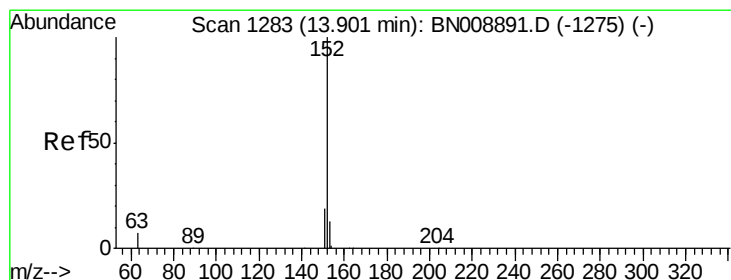
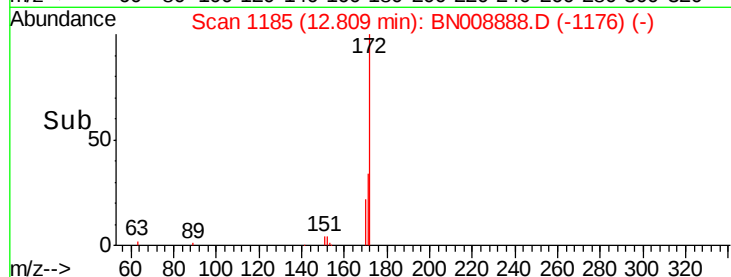
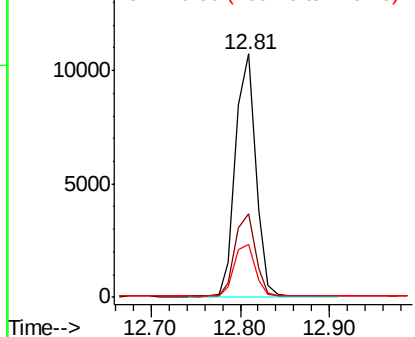
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008888.D
Acq: 09 Dec 2019 11:15

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 16853
Ion Ratio Lower Upper
172 100
171 34.2 27.1 40.7
170 21.9 17.7 26.5

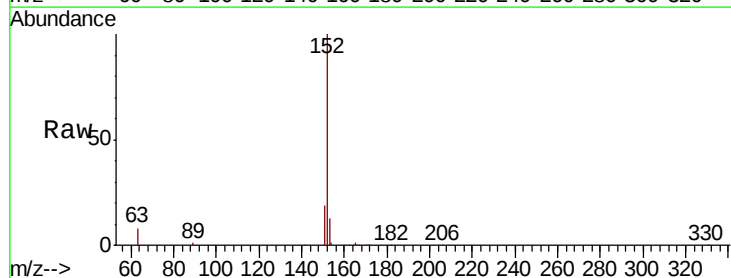


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

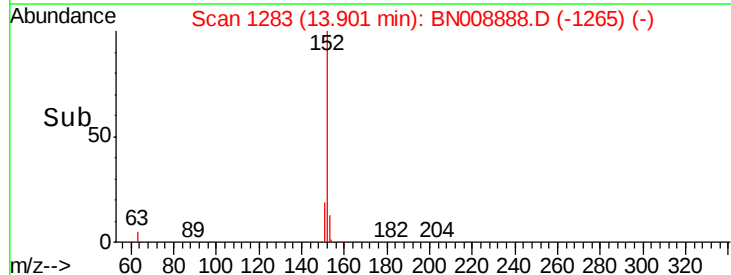
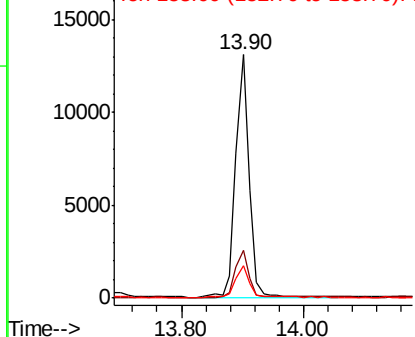


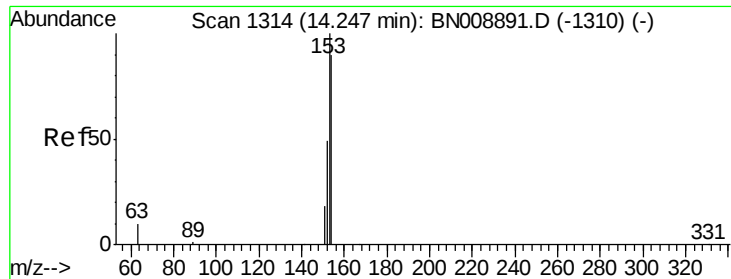
#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008888.D
Acq: 09 Dec 2019 11:15

Tgt Ion:152 Resp: 19752
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

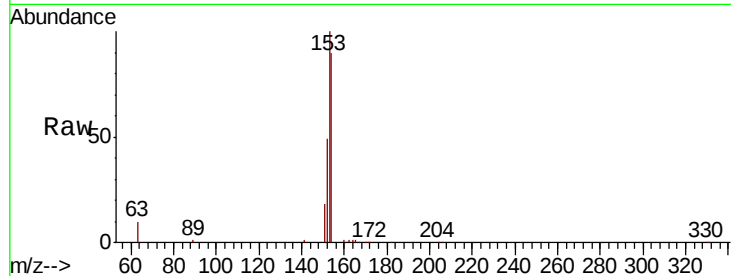
Tot Ion:154 Resp: 13440

Ion Ratio Lower Upper

154 100

153 112.2 89.2 133.8

152 55.1 44.2 66.4

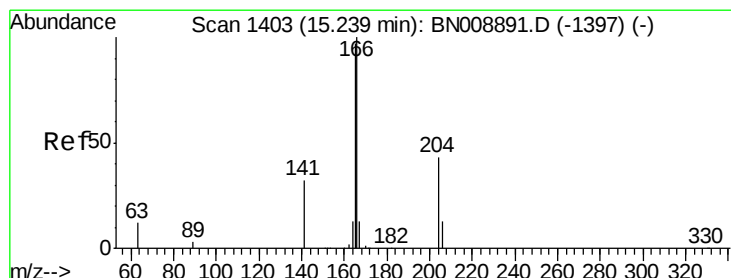
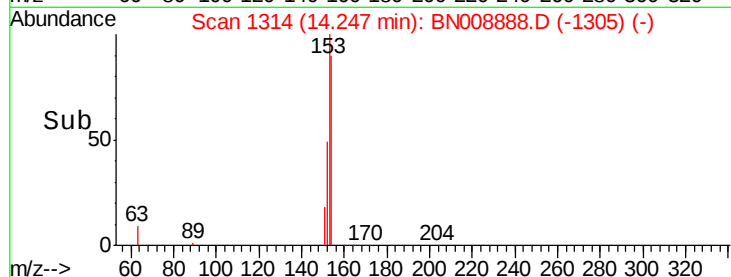
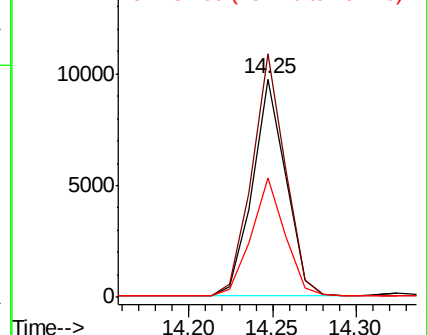


Abundance

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: 0.403 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

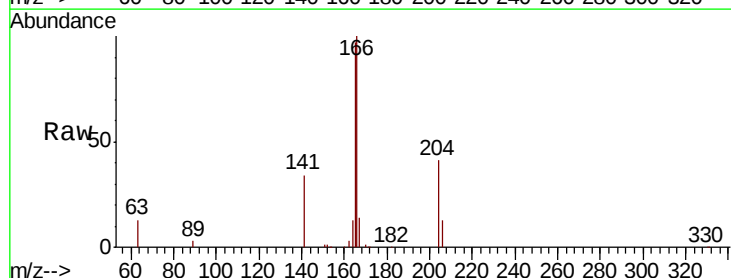
Tgt Ion:166 Resp: 17919

Ion Ratio Lower Upper

166 100

165 96.5 77.3 115.9

167 13.5 10.8 16.2

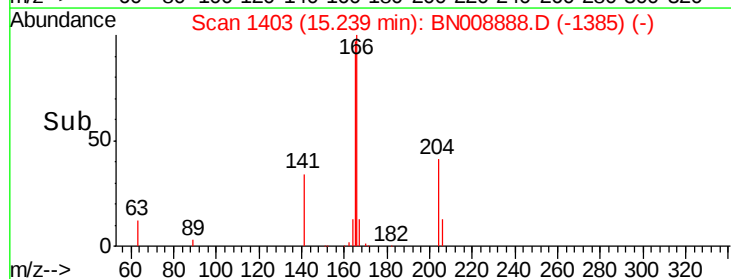
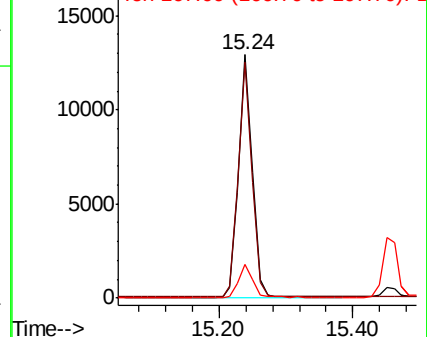


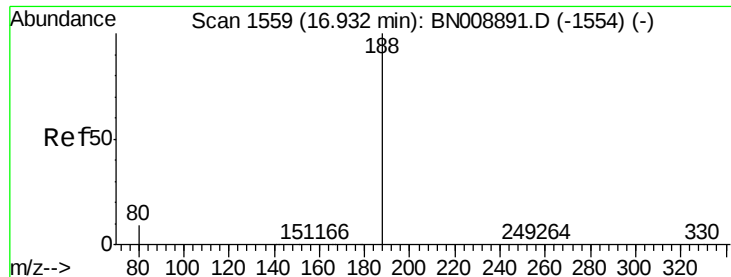
Abundance

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

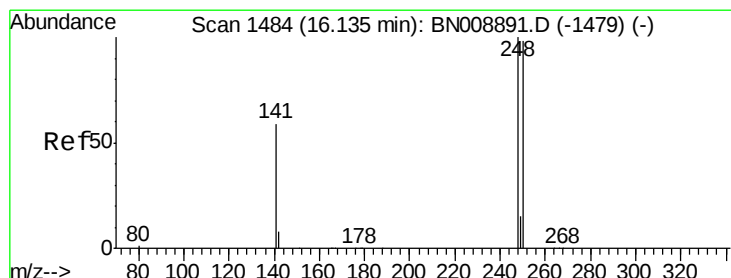
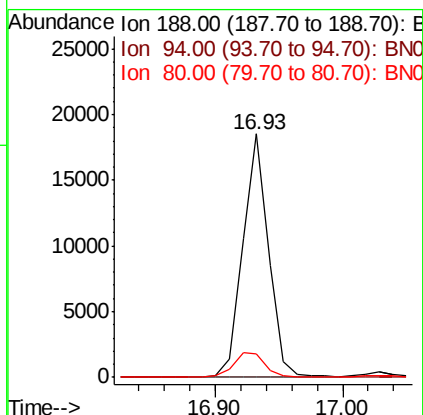
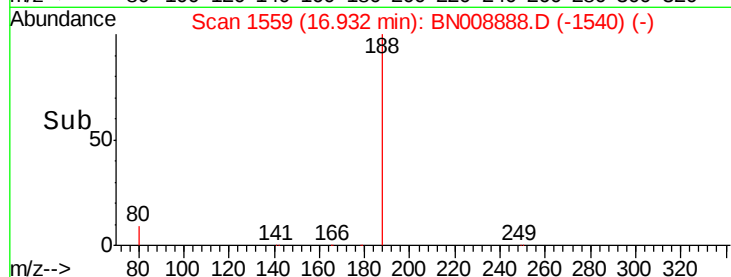
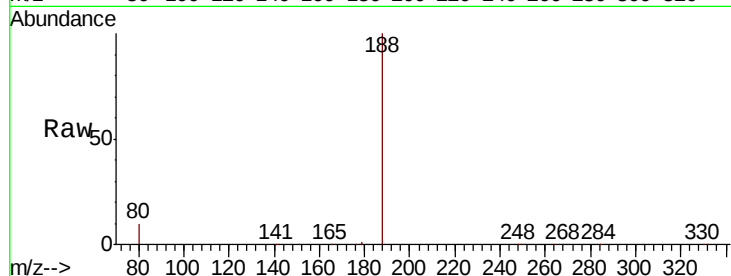
Tot Ion:188 Resp: 25677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.3 10.9



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

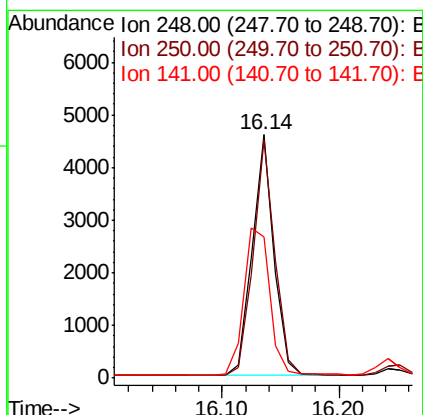
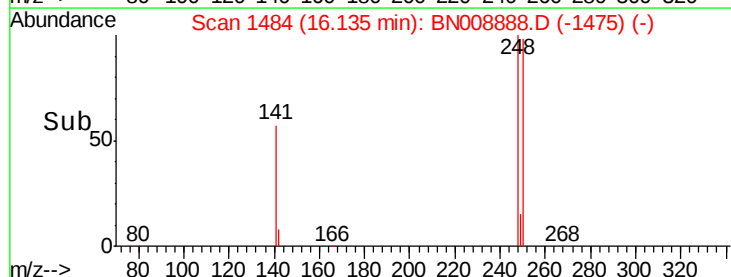
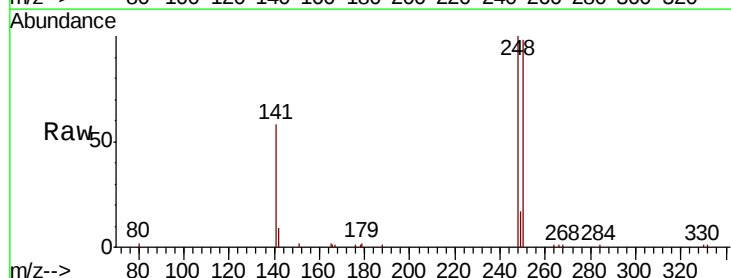
Tgt Ion:248 Resp: 5918

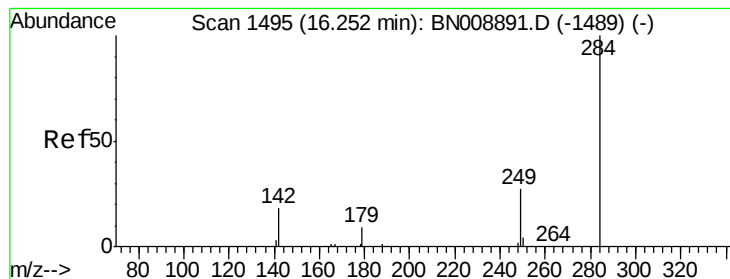
Ion Ratio Lower Upper

248 100

250 98.0 78.7 118.1

141 58.2 47.9 71.9





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

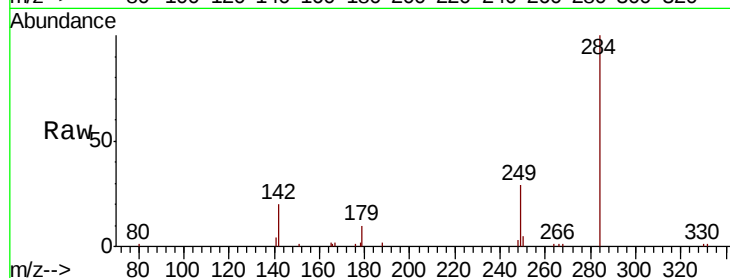
Tot Ion:284 Resp: 6845

Ion Ratio Lower Upper

284 100

142 34.4 27.8 41.6

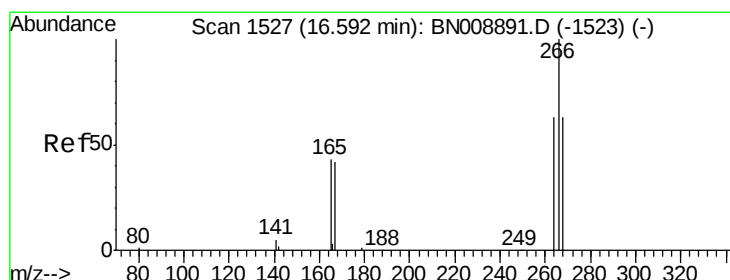
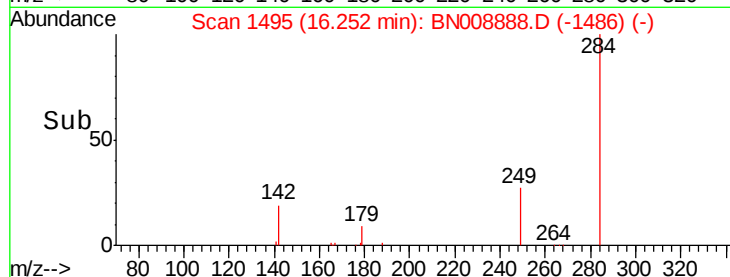
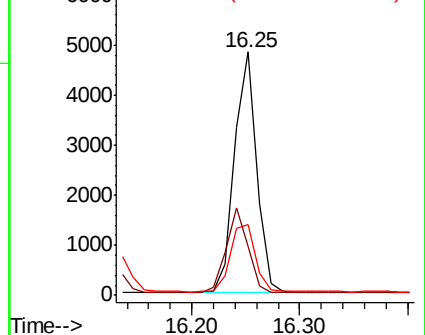
249 31.6 25.3 37.9



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: 0.313 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

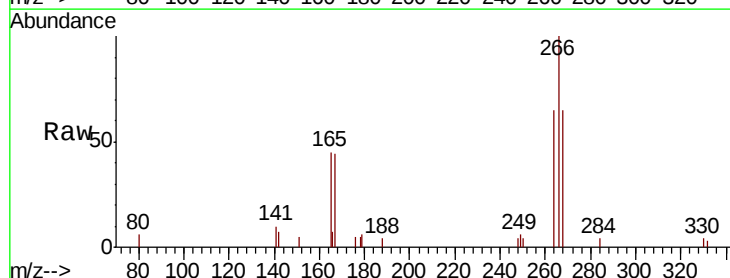
Tgt Ion:266 Resp: 2174

Ion Ratio Lower Upper

266 100

264 64.9 51.5 77.3

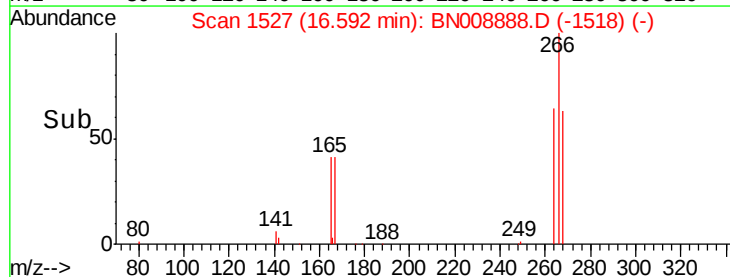
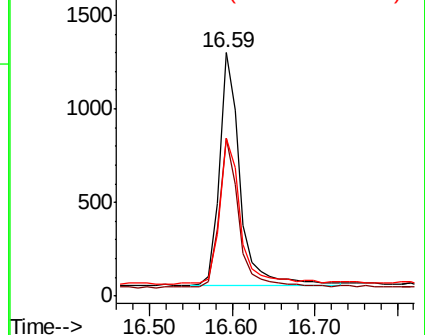
268 65.0 53.1 79.7

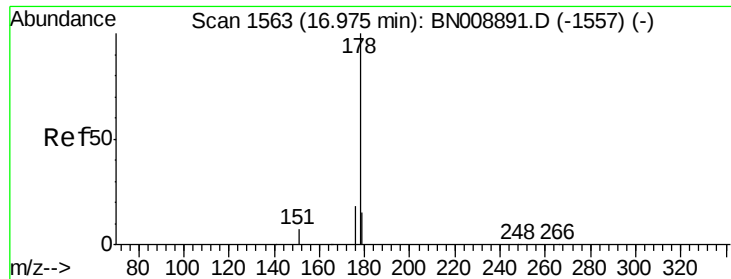


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

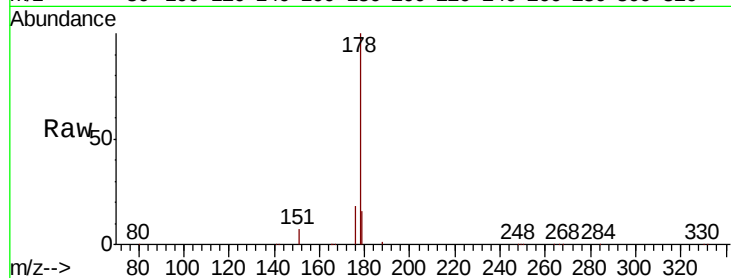
Tot Ion:178 Resp: 31447

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

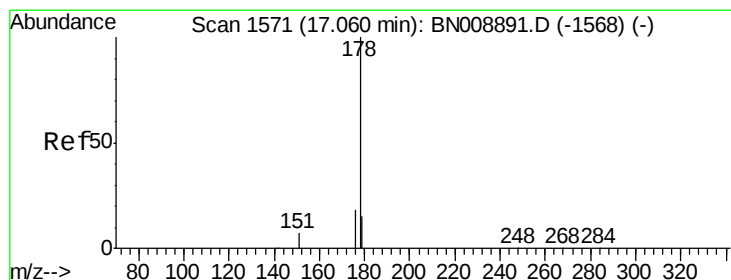
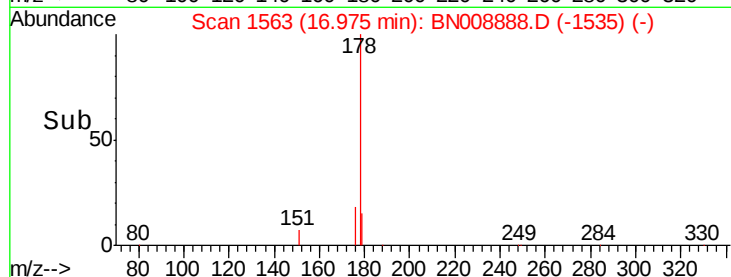
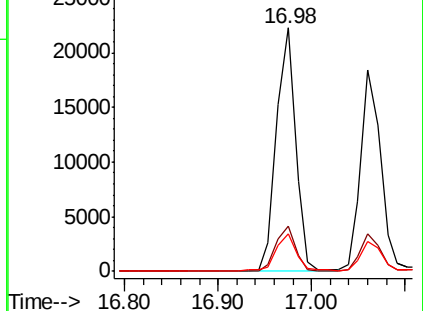
179 15.3 12.3 18.5



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: 0.382 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

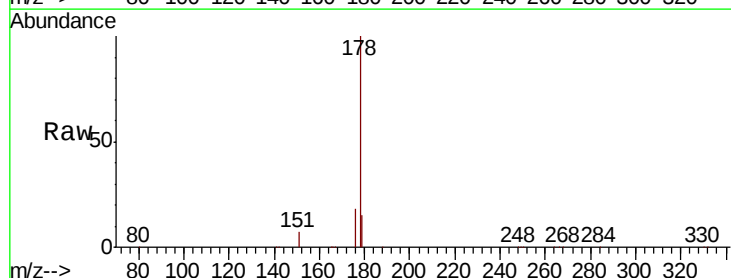
Tgt Ion:178 Resp: 27467

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

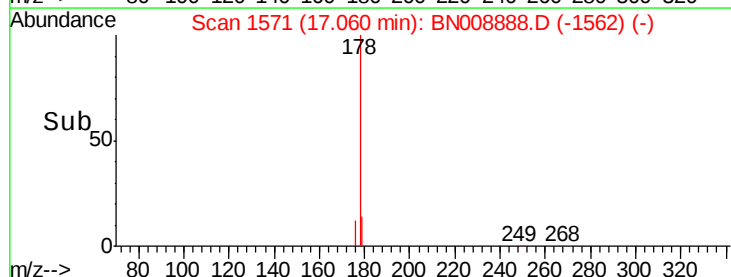
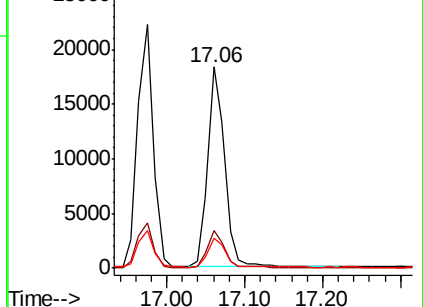
179 14.9 12.1 18.1

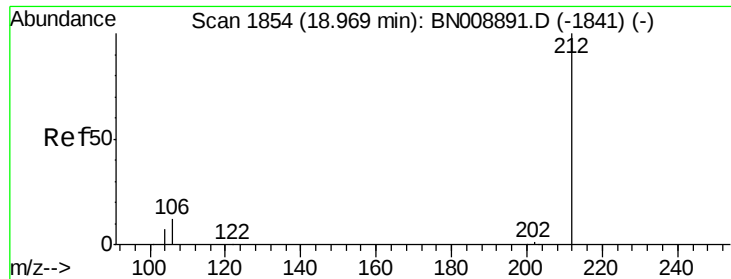


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

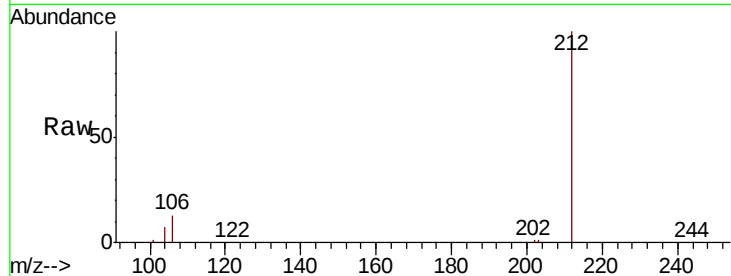
Tot Ion:212 Resp: 30139

Ion Ratio Lower Upper

212 100

106 13.4 10.4 15.6

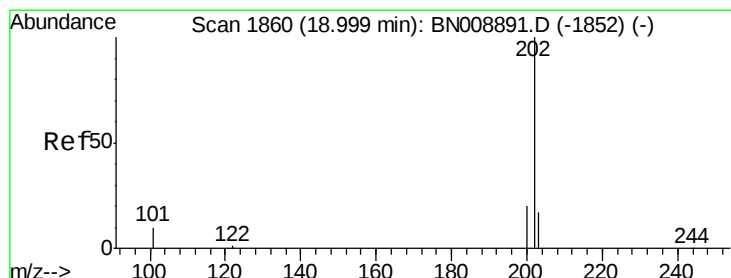
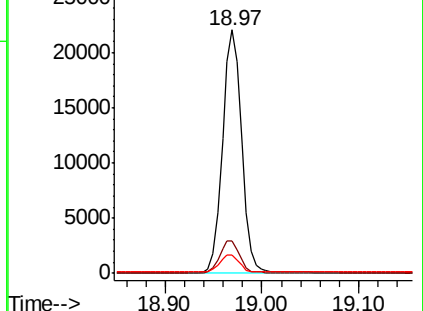
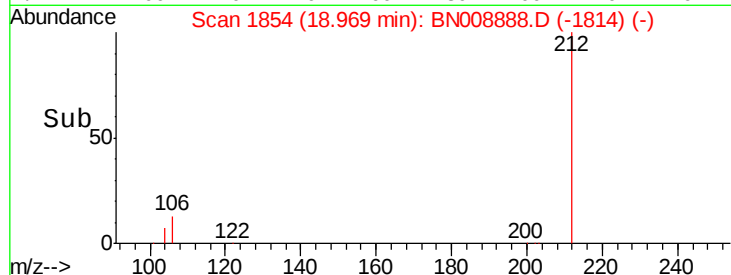
104 7.4 5.9 8.9



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: 0.392 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

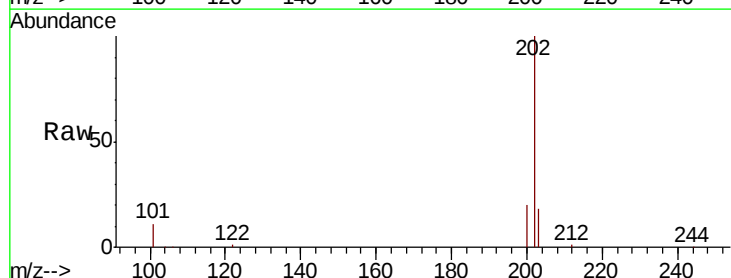
Tgt Ion:202 Resp: 37030

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

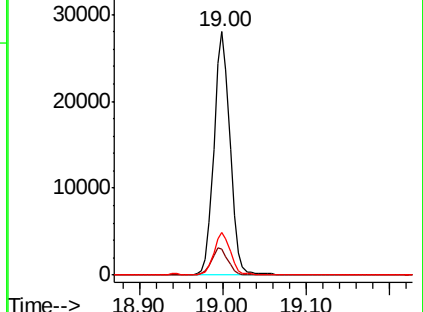
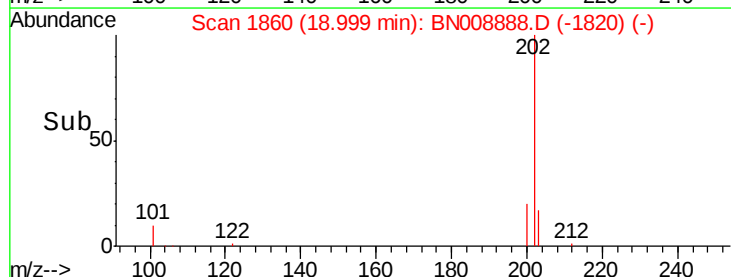
203 17.3 13.8 20.6



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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

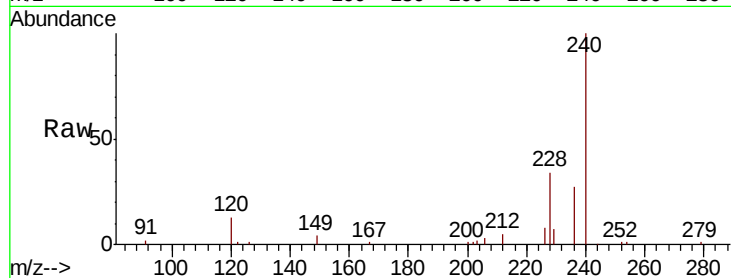
Tot Ion:240 Resp: 27169

Ion Ratio Lower Upper

240 100

120 12.8 9.1 13.7

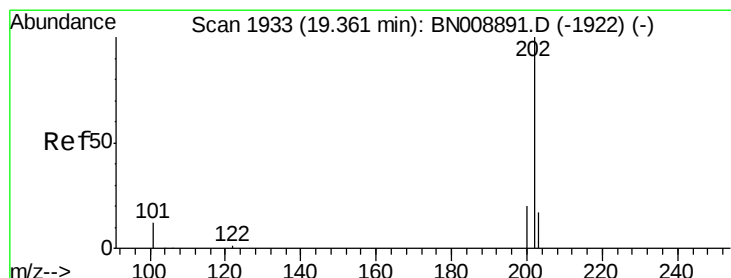
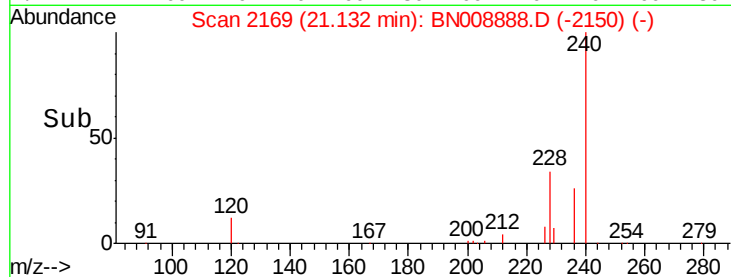
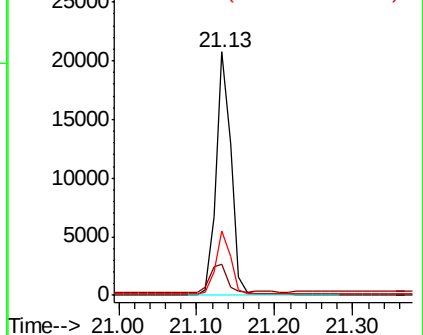
236 26.7 21.5 32.3



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: 0.398 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

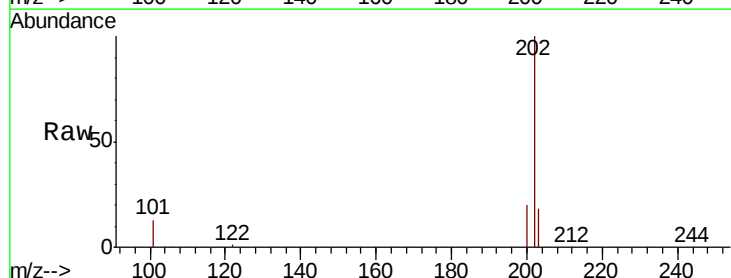
Tgt Ion:202 Resp: 37749

Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

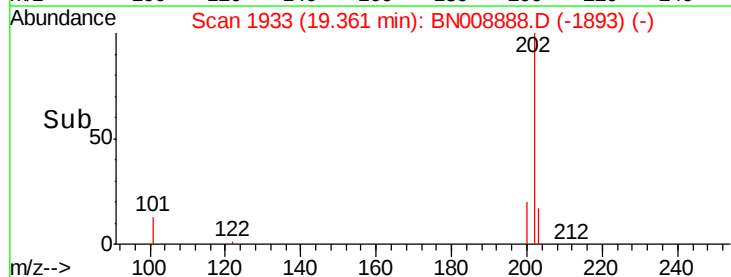
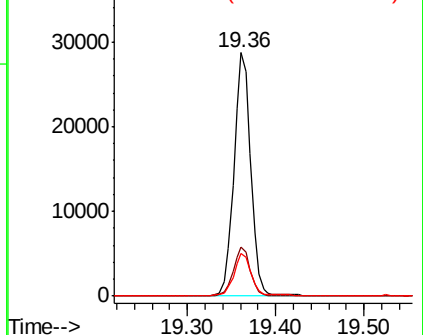
203 17.5 13.9 20.9

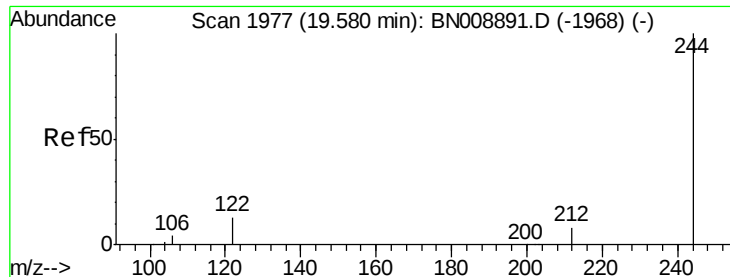


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampled :

DFTPP

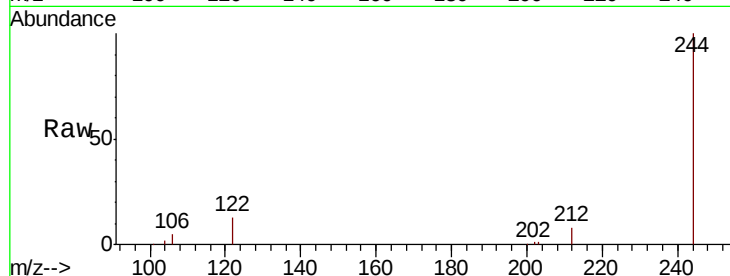
Tot Ion:244 Resp: 24768

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

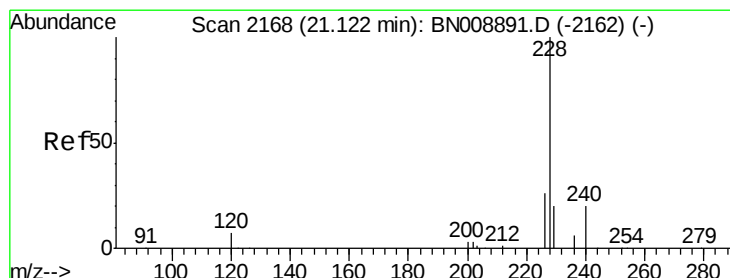
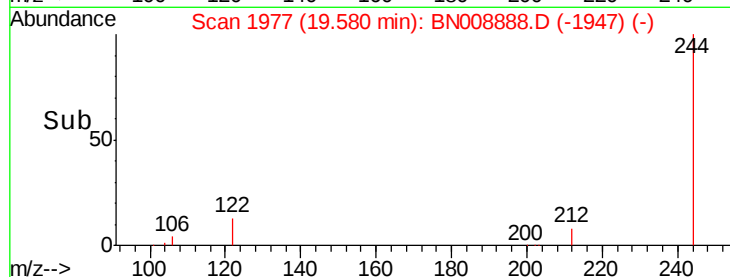
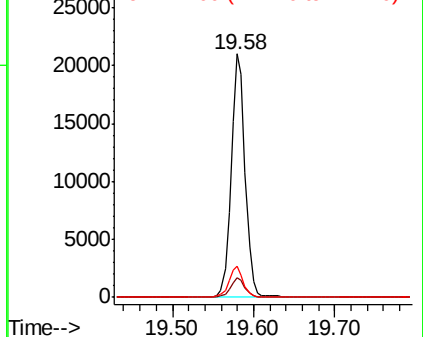
122 13.0 10.4 15.6



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: 0.386 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

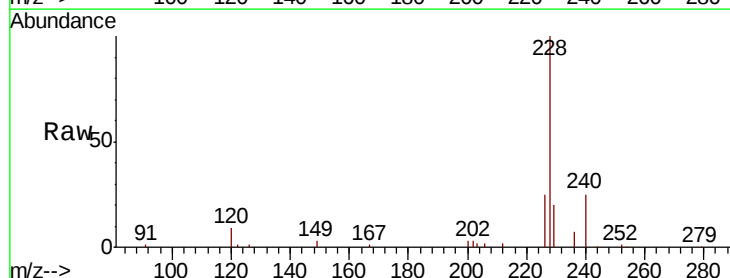
Tgt Ion:228 Resp: 37885

Ion Ratio Lower Upper

228 100

226 25.4 20.6 30.8

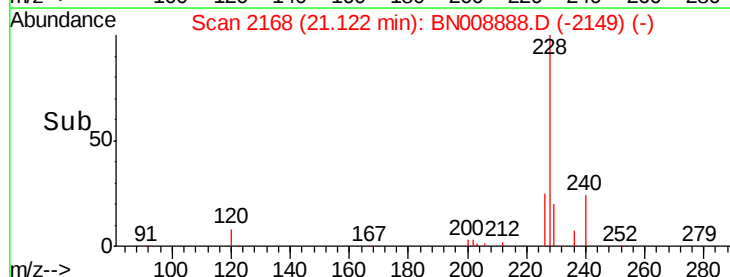
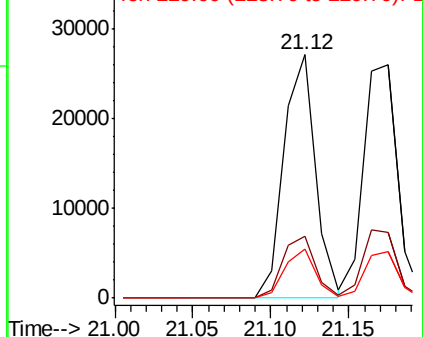
229 20.0 15.9 23.9



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: 0.410 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

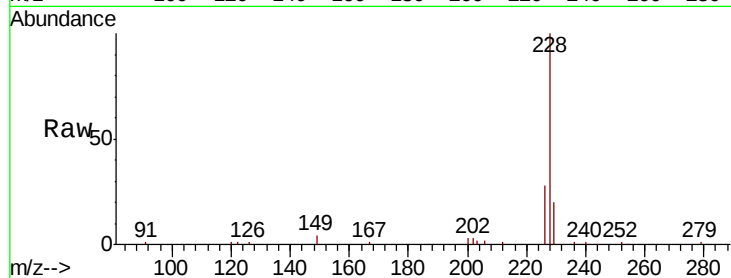
Tot Ion:228 Resp: 39080

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

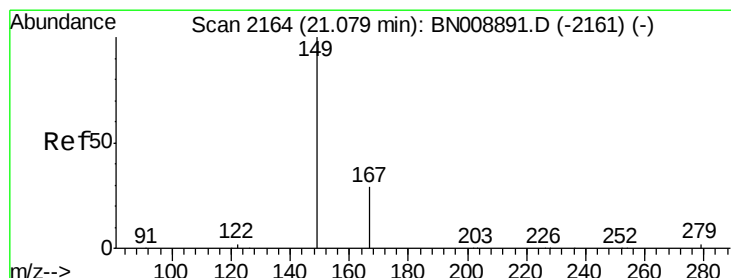
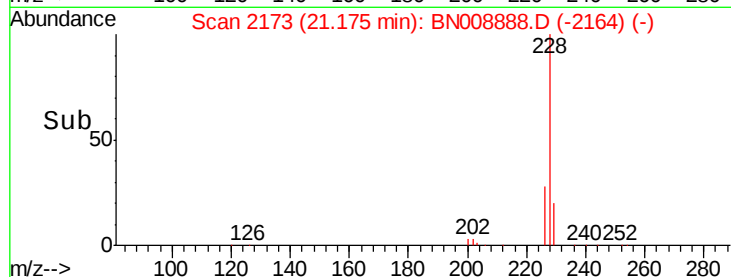
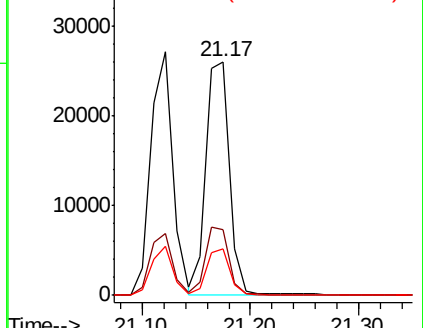
229 20.1 15.9 23.9



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: 0.276 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

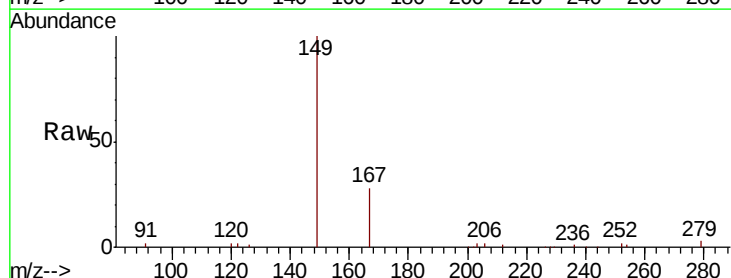
Tgt Ion:149 Resp: 18096

Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

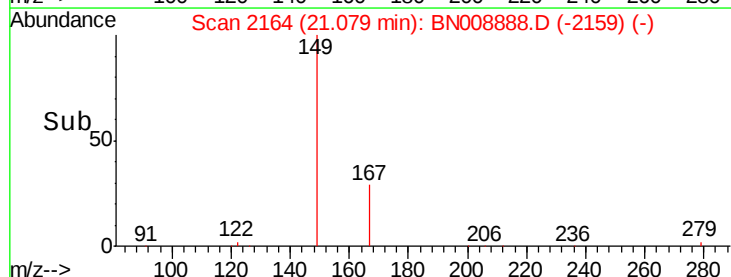
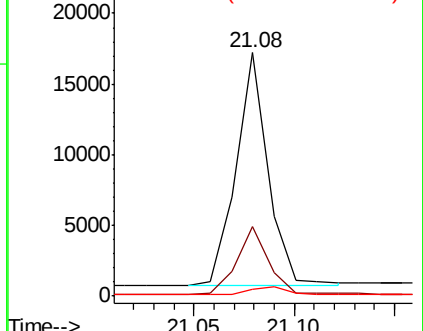
279 3.9 3.3 4.9

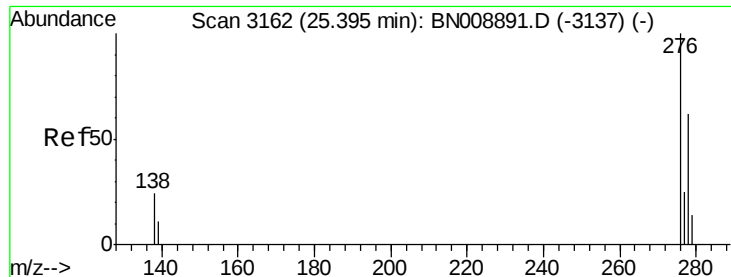


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.359 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

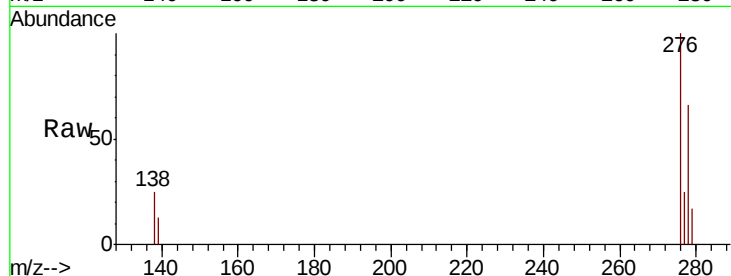
Tot Ion:276 Resp: 42205

Ion Ratio Lower Upper

276 100

138 27.0 19.9 29.9

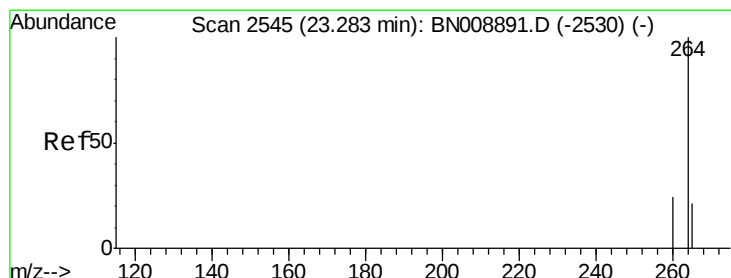
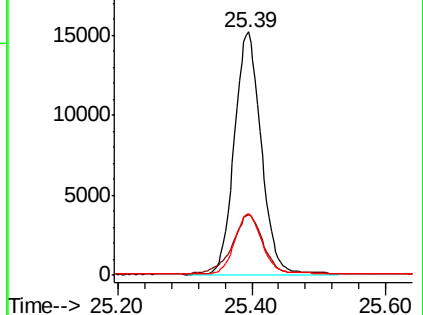
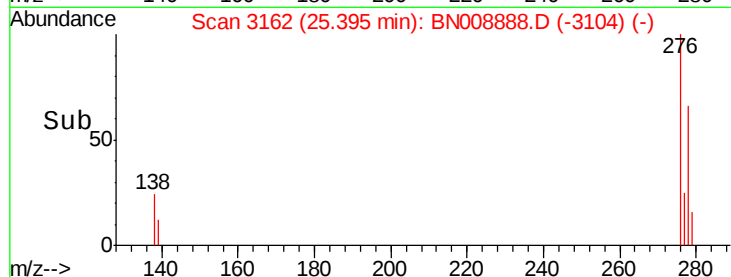
277 24.8 19.8 29.8



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: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

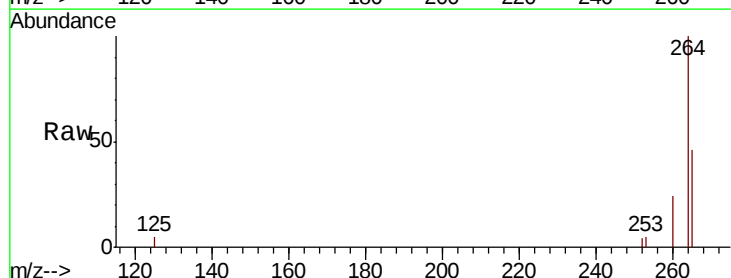
Tgt Ion:264 Resp: 28976

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

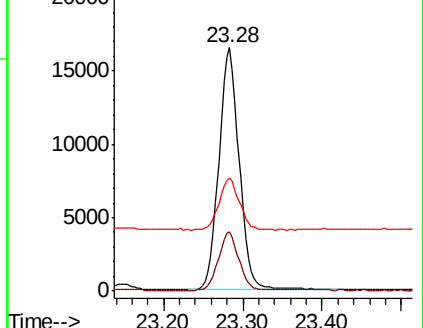
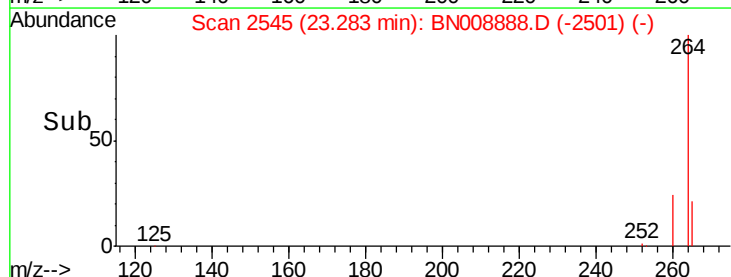
265 46.3 47.5 71.3#

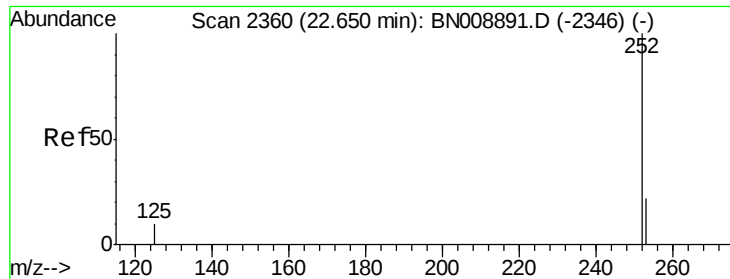


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.403 ng

RT: 22.65 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

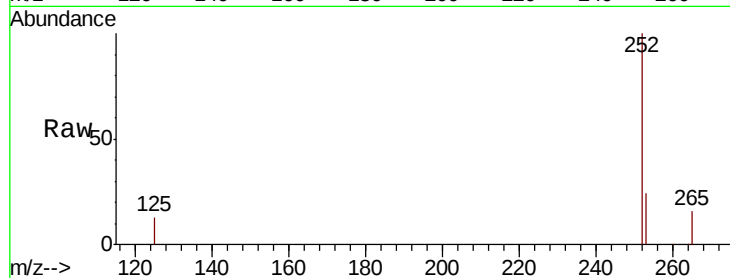
Tot Ion:252 Resp: 38781

Ion Ratio Lower Upper

252 100

253 23.8 19.8 29.6

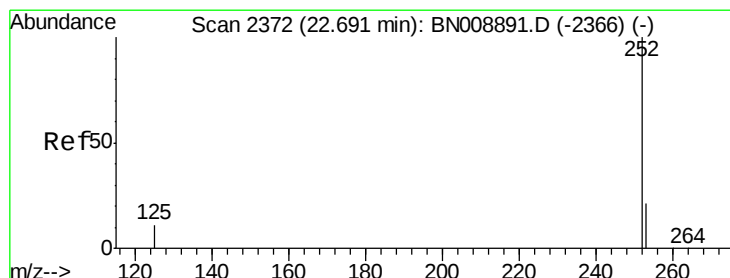
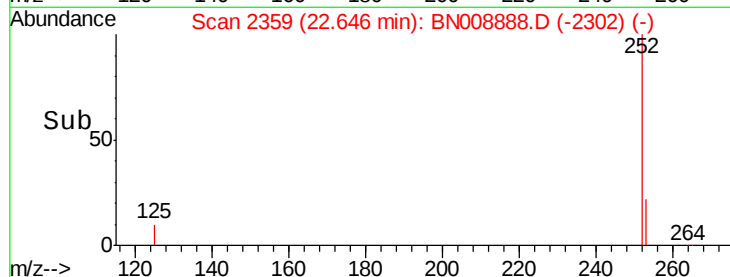
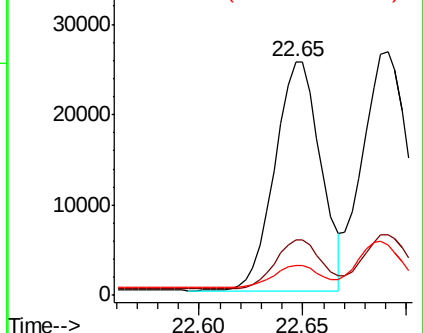
125 12.8 10.8 16.2



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: 0.410 ng

RT: 22.65 min Scan# 2359

Delta R.T. -0.04 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

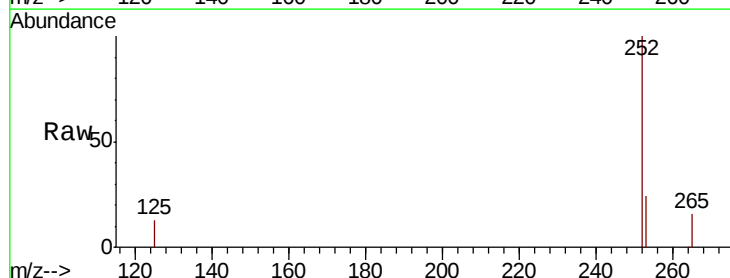
Tgt Ion:252 Resp: 38781

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

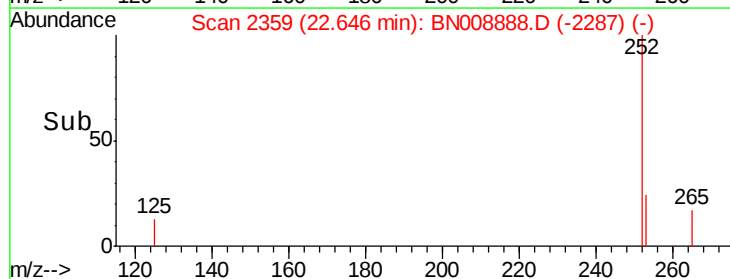
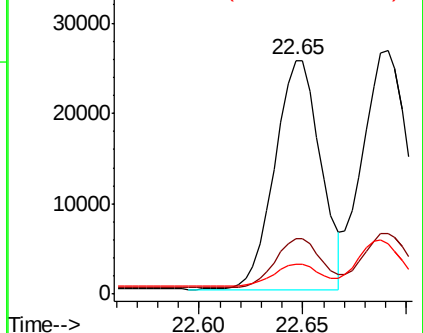
125 12.8 11.6 17.4

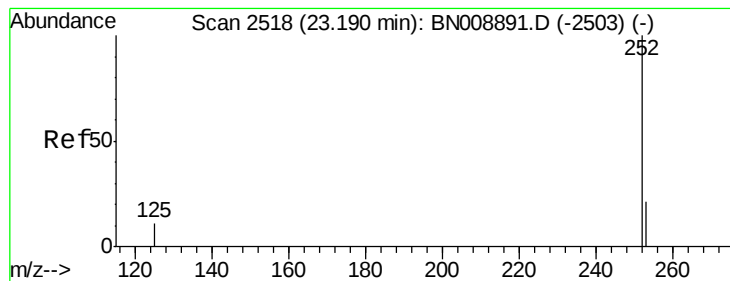


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.19 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

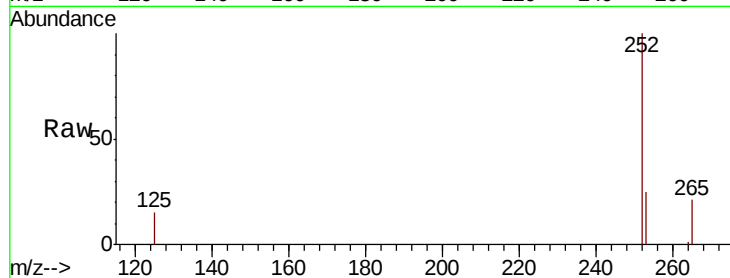
Tot Ion:252 Resp: 35900

Ion Ratio Lower Upper

252 100

253 24.7 19.9 29.9

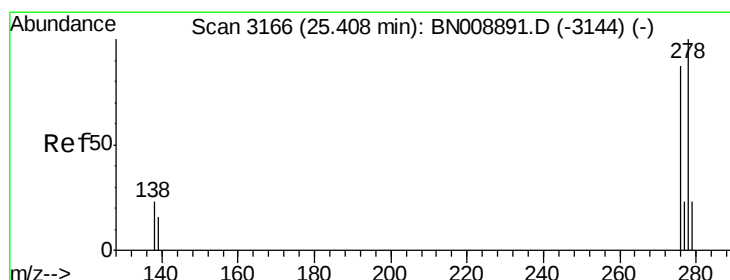
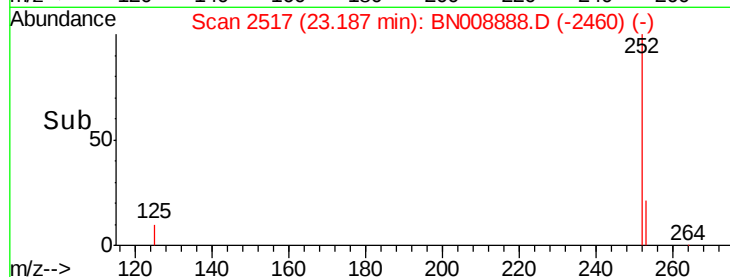
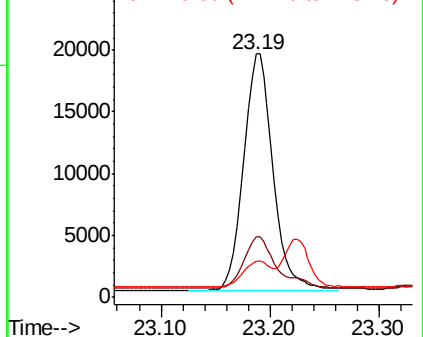
125 15.0 12.3 18.5



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: 0.368 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

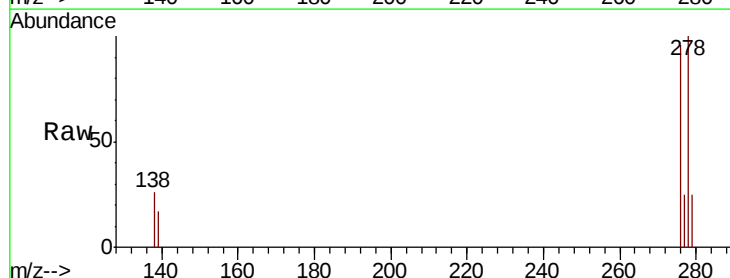
Tgt Ion:278 Resp: 34091

Ion Ratio Lower Upper

278 100

139 17.5 13.9 20.9

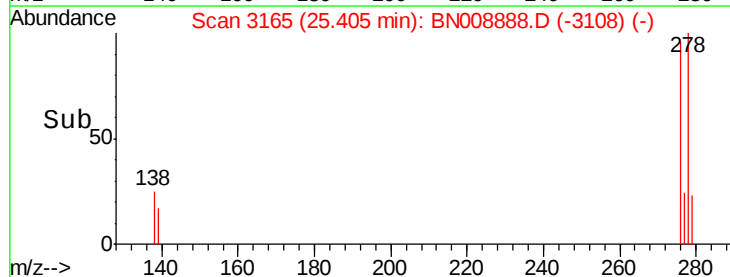
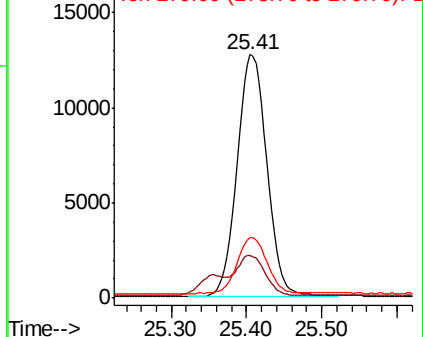
279 24.9 20.2 30.4

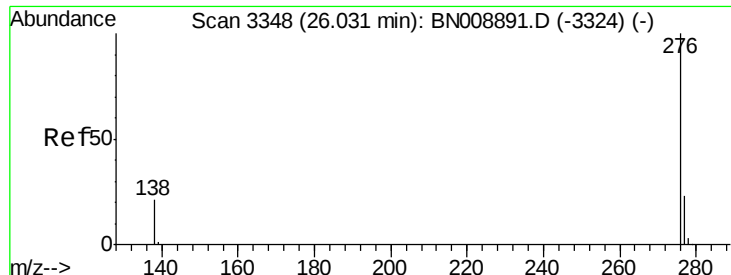


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.353 ng

RT: 26.03 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BN008888.D

Acq: 09 Dec 2019 11:15

Instrument :

BNA_N

ClientSampleId :

DFTPP

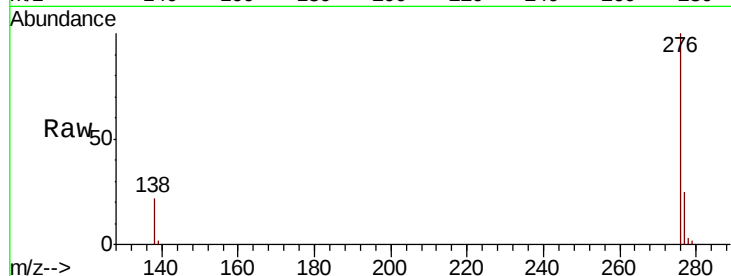
Tot Ion: 276 Resp: 33108

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 22.3 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

