

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007377.D
 Acq On : 25 Aug 2019 00:32
 Operator : HP/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

Quant Time: Aug 25 05:24:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	6365	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	25995	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13247	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	28763	0.40	ng	0.00
27) Chrysene-d12	21.02	240	27694	0.40	ng	0.00
34) Perylene-d12	23.12	264	30784	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	8468	0.38	ng	0.00
5) Phenol-d6	6.59	99	10313	0.36	ng	0.00
8) Nitrobenzene-d5	8.53	82	8713	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	17494	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2726	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	23171	0.43	ng	0.00
25) Fluoranthene-d10	18.84	212	36997	0.40	ng	0.00
29) Terphenyl-d14	19.46	244	29838	0.41	ng	0.00

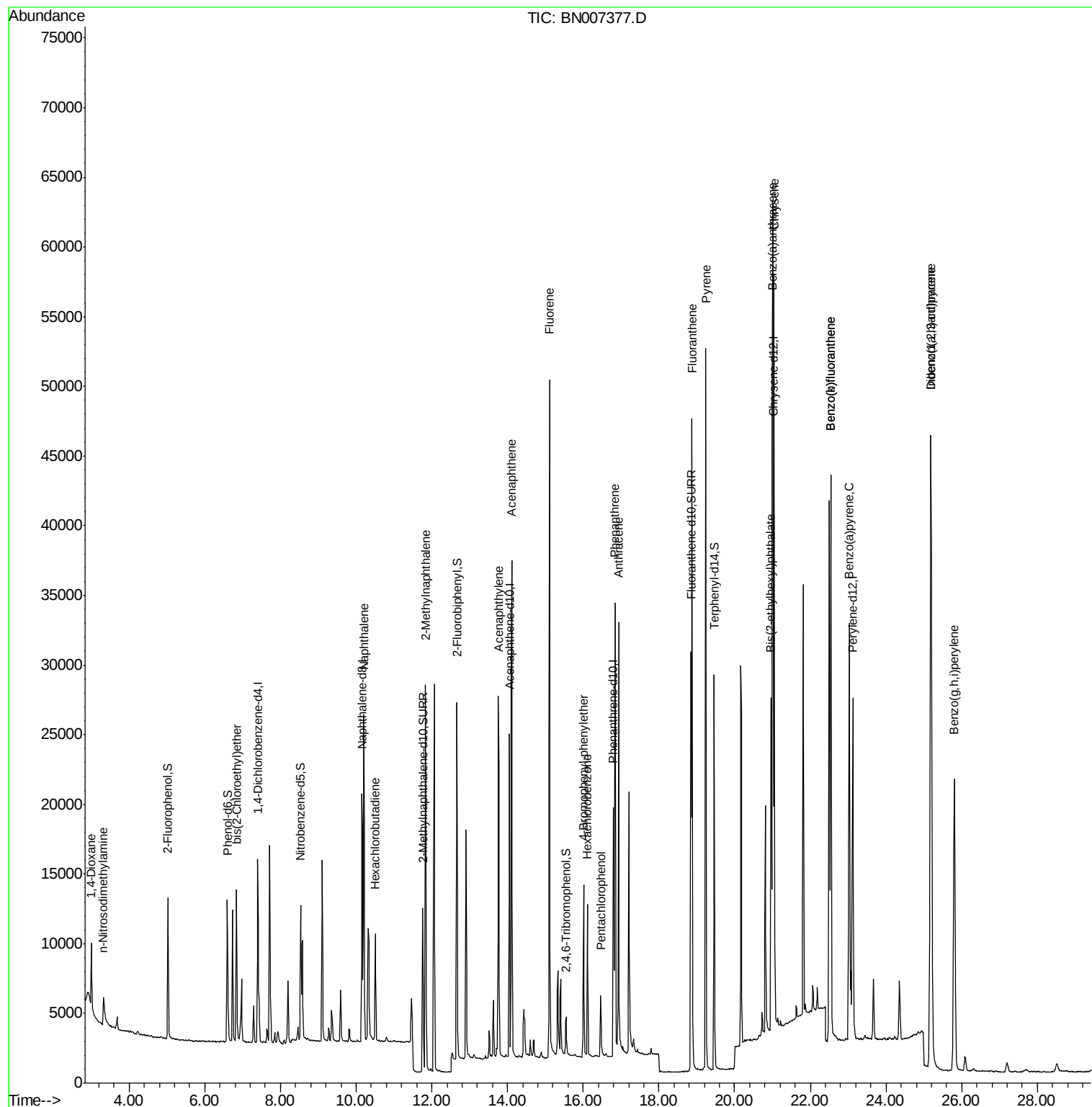
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	3950	0.374	ng	# 79
3) n-Nitrosodimethylamine	3.32	42	1702	0.346	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	9198	0.400	ng	95
9) Naphthalene	10.20	128	30479	0.410	ng	# 90
10) Hexachlorobutadiene	10.51	225	6345	0.417	ng	# 99
12) 2-Methylnaphthalene	11.83	142	20488	0.405	ng	96
16) Acenaphthylene	13.76	152	30917	0.394	ng	100
17) Acenaphthene	14.11	154	18943	0.413	ng	97
18) Fluorene	15.10	166	23338	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	4671	0.412	ng	97
21) Hexachlorobenzene	16.11	284	8676	0.450	ng	96
22) Pentachlorophenol	16.46	266	2682	0.448	ng	# 65
23) Phenanthrene	16.84	178	36093	0.417	ng	99
24) Anthracene	16.93	178	33852	0.389	ng	99
26) Fluoranthene	18.87	202	44665	0.402	ng	100
28) Pyrene	19.24	202	45942	0.412	ng	100
30) Benzo(a)anthracene	21.00	228	44975	0.414	ng	99
31) Chrysene	21.05	228	44656	0.425	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	24933	0.335	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	54298	0.429	ng	99
35) Benzo(b)fluoranthene	22.54	252	46876	0.420	ng	97
36) Benzo(k)fluoranthene	22.54	252	46876	0.425	ng	98
37) Benzo(a)pyrene	23.03	252	43441	0.409	ng	# 95
38) Dibenzo(a,h)anthracene	25.19	278	43680	0.412	ng	96
39) Benzo(g,h,i)perylene	25.80	276	44079	0.418	ng	97

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

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

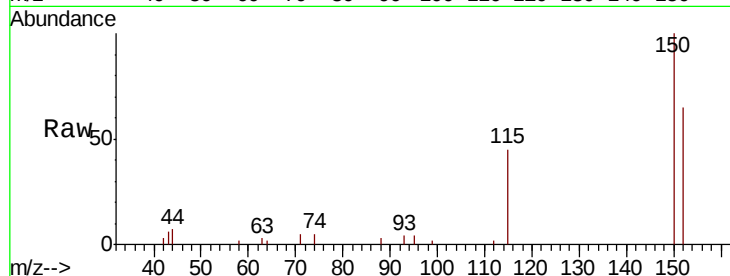
Tgt Ion:152 Resp: 6365

Ion Ratio Lower Upper

152 100

150 155.0 109.1 163.7

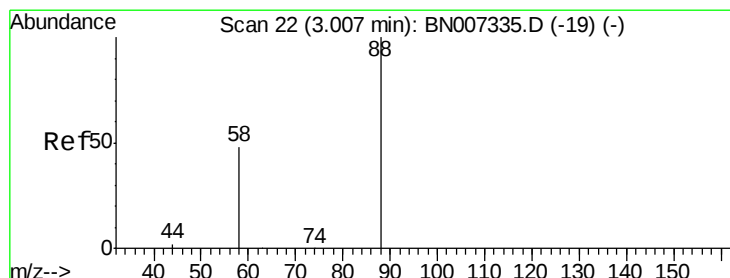
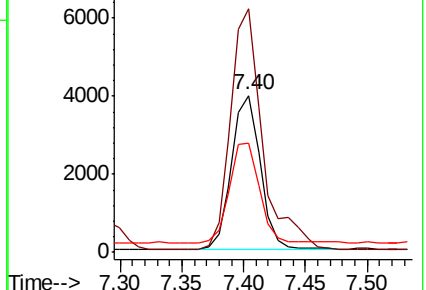
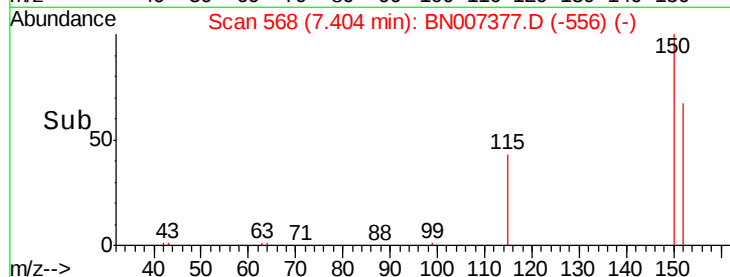
115 69.5 59.6 89.4



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: 0.374 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

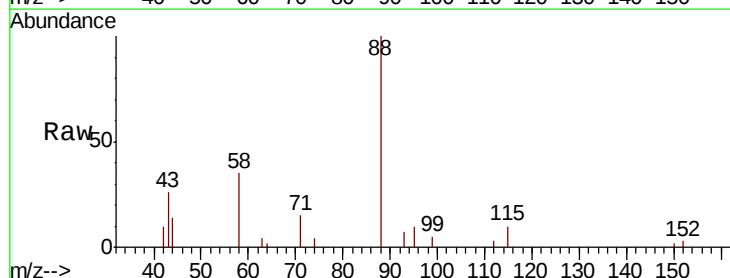
Tgt Ion: 88 Resp: 3950

Ion Ratio Lower Upper

88 100

58 46.6 50.5 75.7#

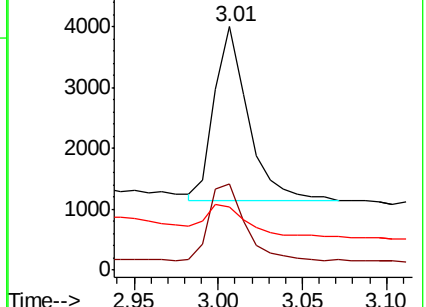
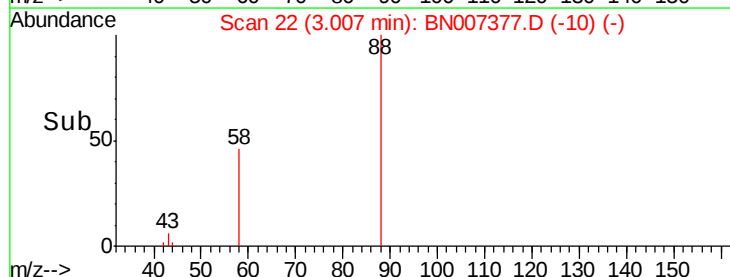
43 22.5 0.0 0.0#



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: 0.346 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

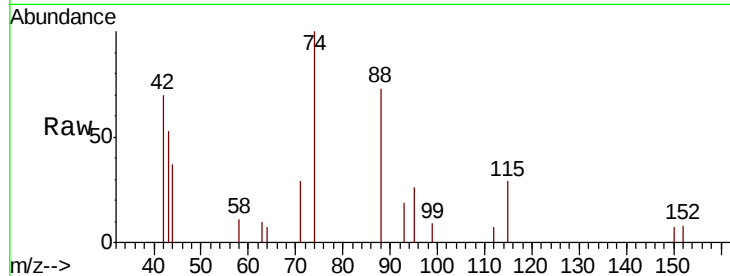
Tgt Ion: 42 Resp: 1702

Ion Ratio Lower Upper

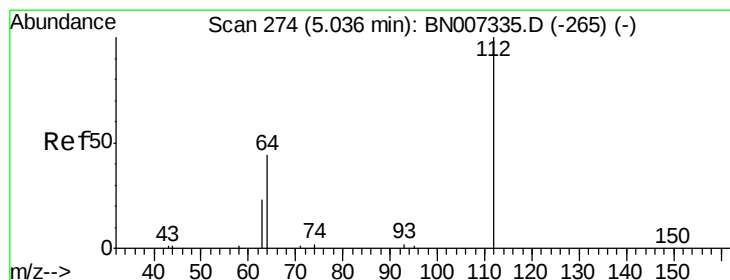
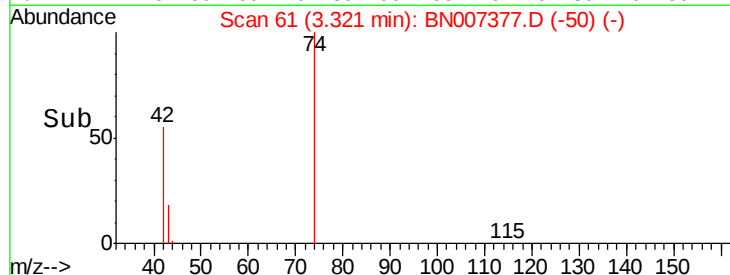
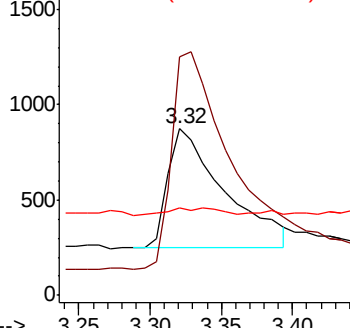
42 100

74 198.0 144.7 217.1

44 5.6 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: 0.382 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

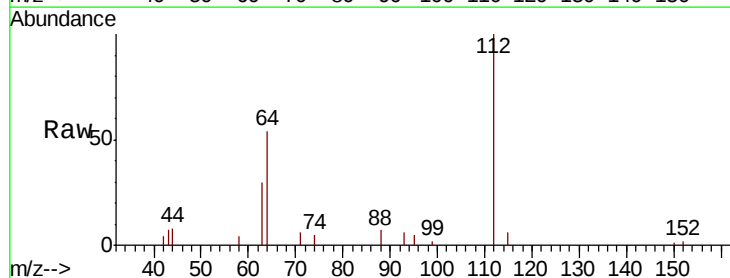
Tgt Ion: 112 Resp: 8468

Ion Ratio Lower Upper

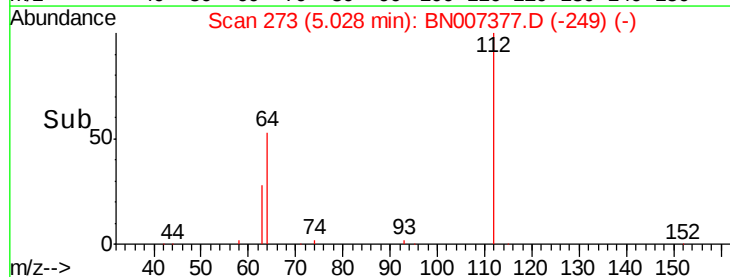
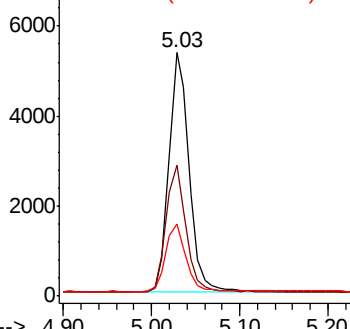
112 100

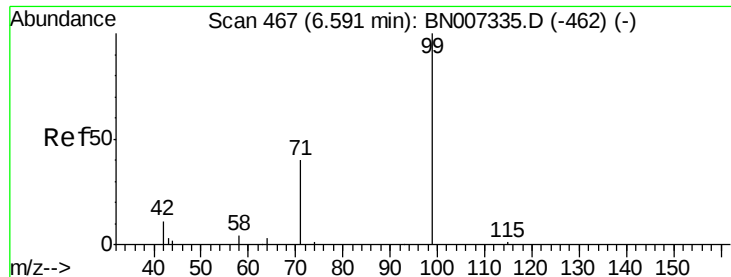
64 52.8 42.3 63.5

63 28.0 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: 0.364 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

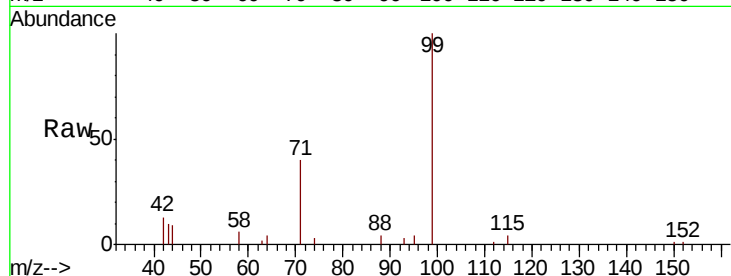
Tgt Ion: 99 Resp: 10313

Ion Ratio Lower Upper

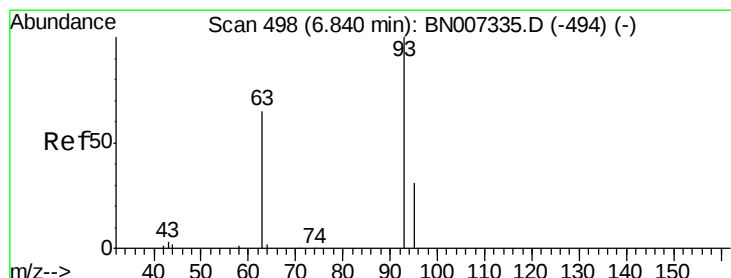
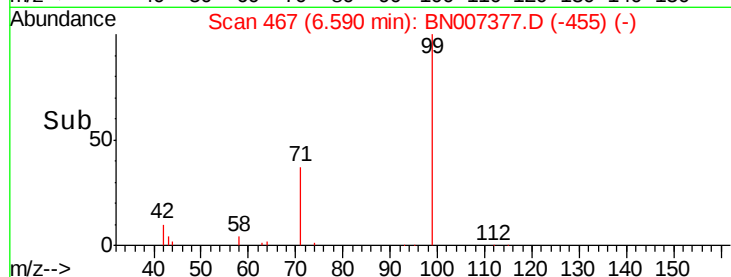
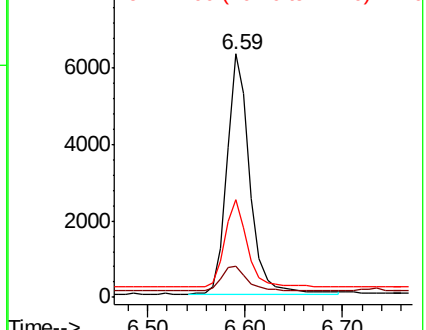
99 100

42 12.3 11.2 16.8

71 36.4 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

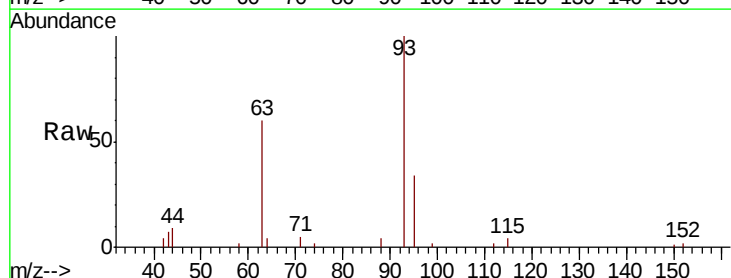
Tgt Ion: 93 Resp: 9198

Ion Ratio Lower Upper

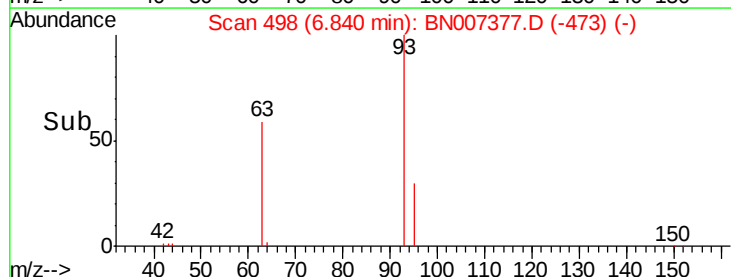
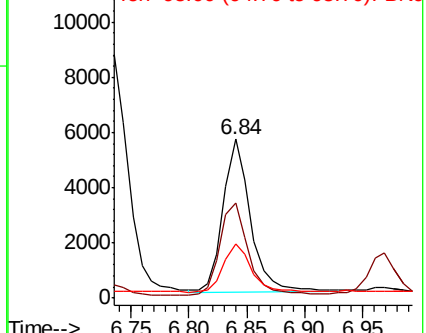
93 100

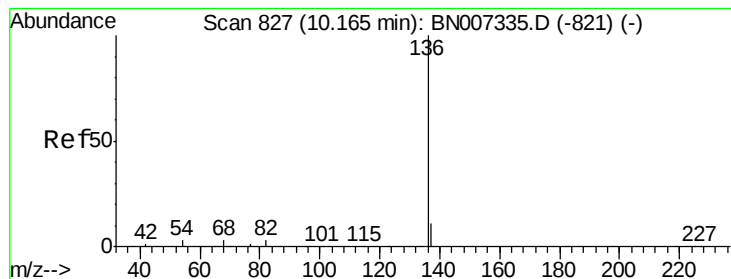
63 60.8 51.9 77.9

95 31.7 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 25995

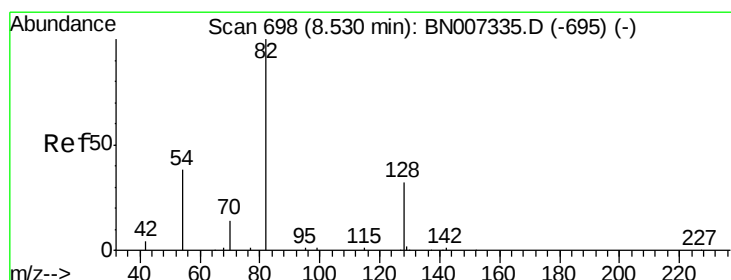
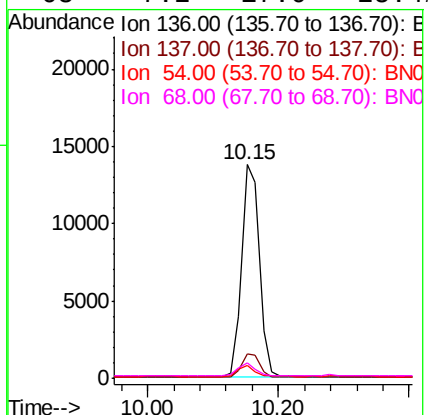
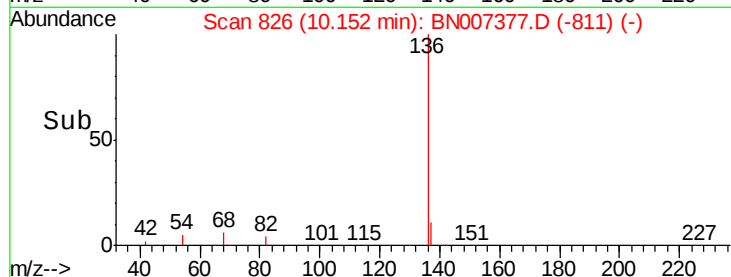
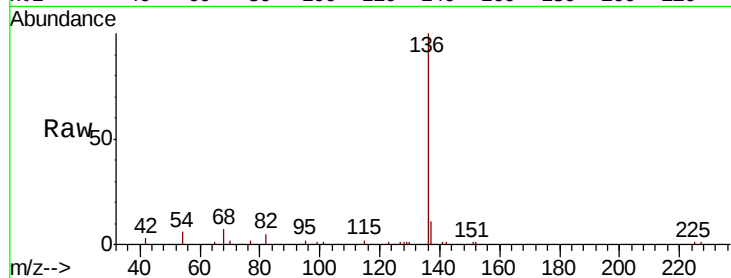
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 6.0 8.6 12.8#

68 7.2 17.0 25.4#



#8

Nitrobenzene-d5

Concen: 0.385 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

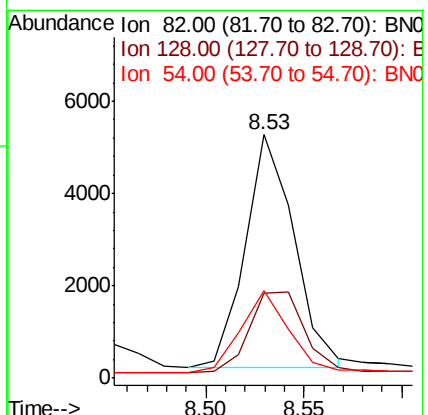
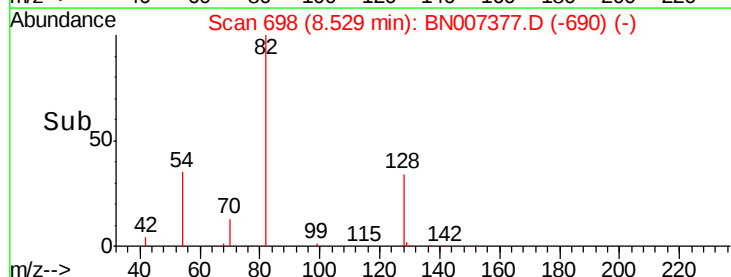
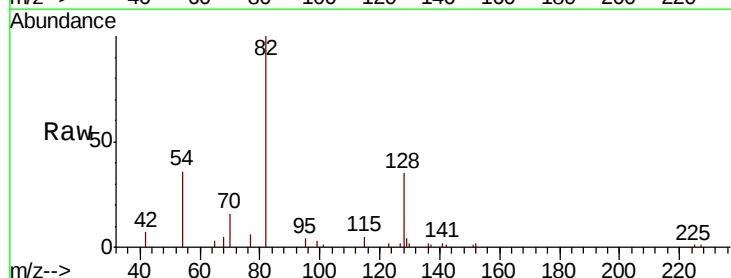
Tgt Ion: 82 Resp: 8713

Ion Ratio Lower Upper

82 100

128 34.9 19.7 29.5#

54 36.1 25.8 38.6





#9

Naphthalene

Concen: 0.410 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

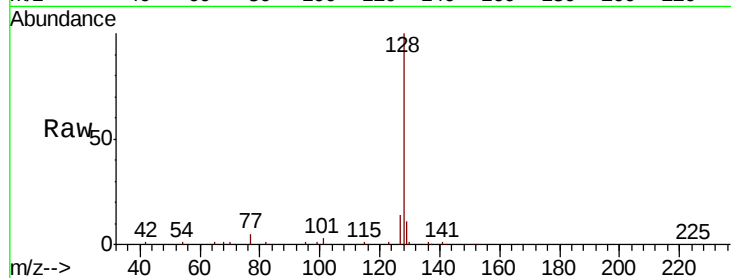
Tgt Ion:128 Resp: 30479

Ion Ratio Lower Upper

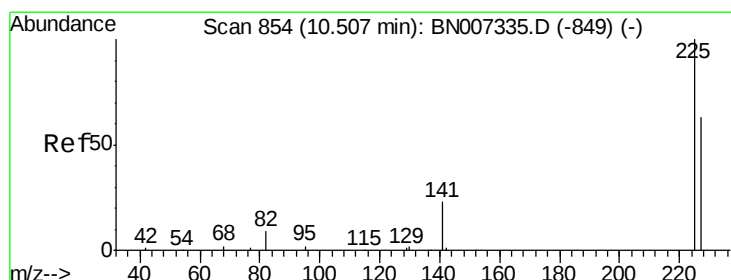
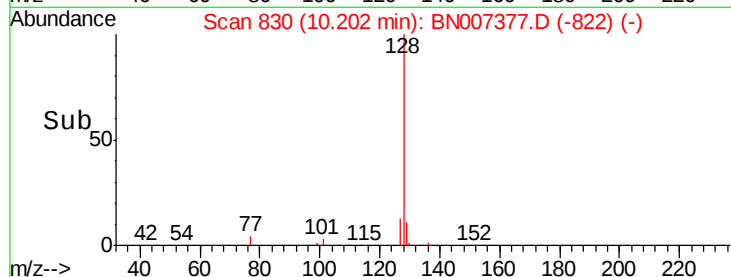
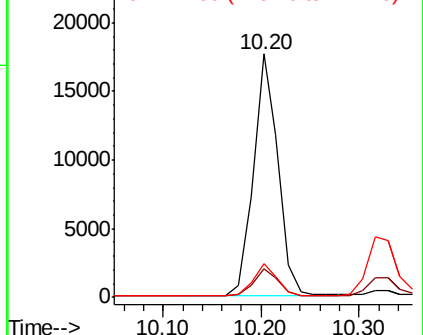
128 100

129 11.5 11.1 16.7

127 13.7 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: 0.417 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

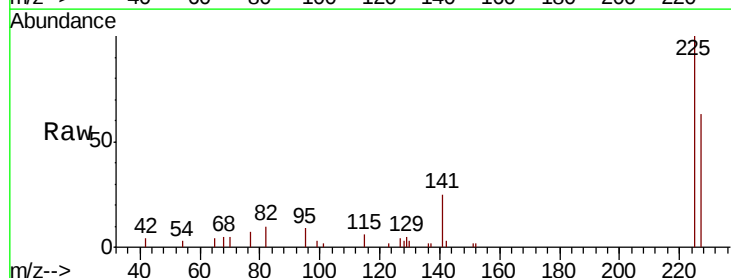
Tgt Ion:225 Resp: 6345

Ion Ratio Lower Upper

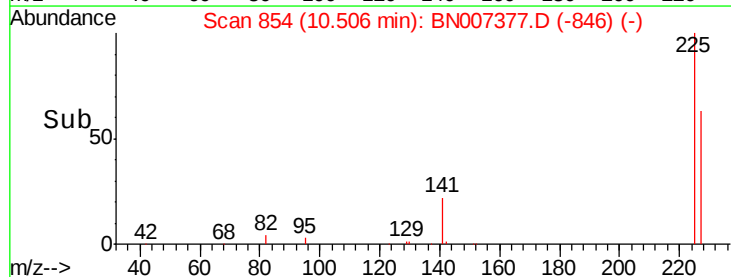
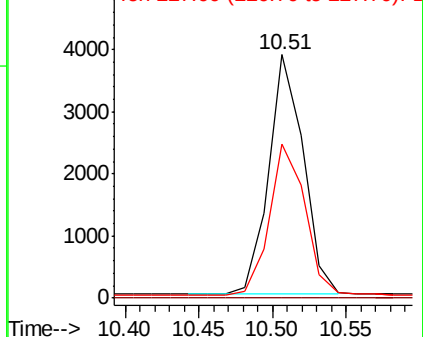
225 100

223 0.0 0.0 0.0

227 64.2 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: 0.405 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

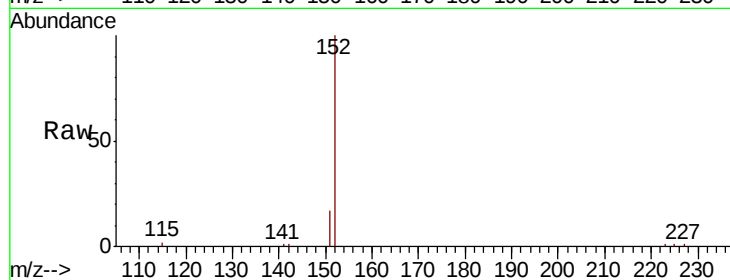
DFTPP

Tgt Ion:152 Resp: 17494

Ion Ratio Lower Upper

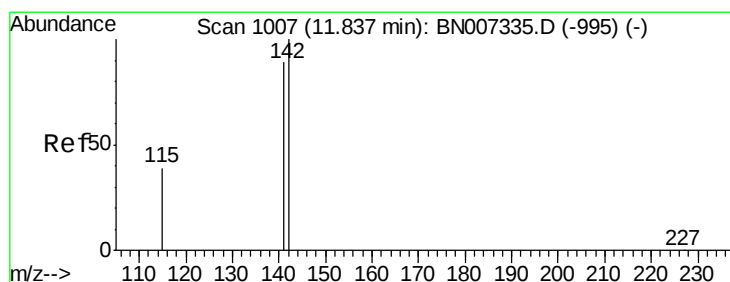
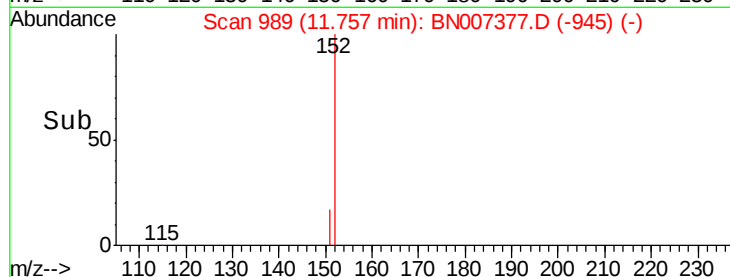
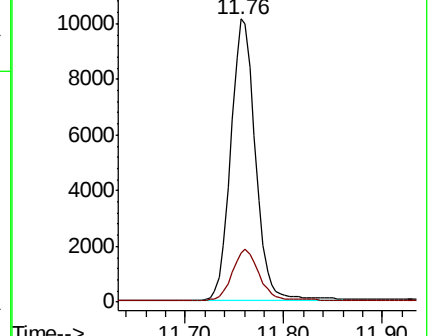
152 100

151 19.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

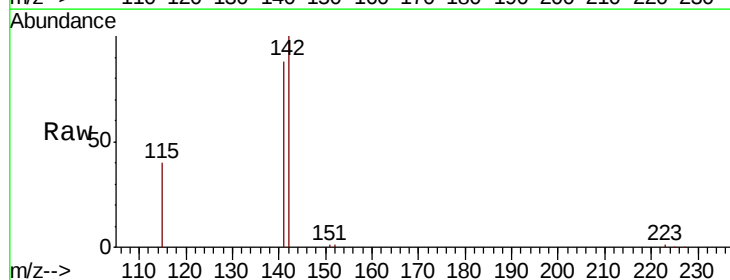
Tgt Ion:142 Resp: 20488

Ion Ratio Lower Upper

142 100

141 88.3 72.8 109.2

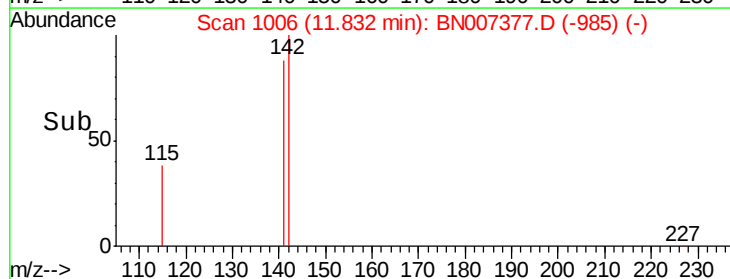
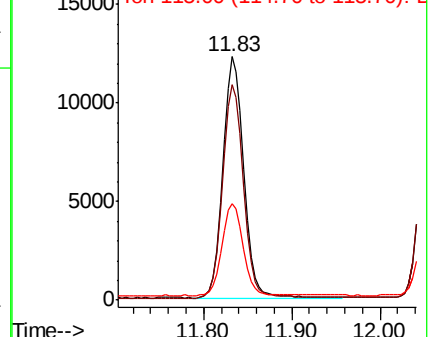
115 39.8 35.2 52.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

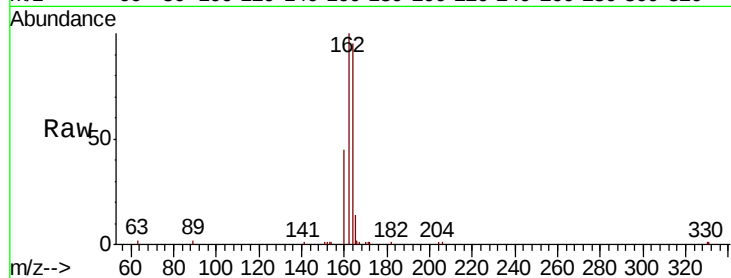
Tgt Ion:164 Resp: 13247

Ion Ratio Lower Upper

164 100

162 105.3 83.5 125.3

160 47.6 38.2 57.4

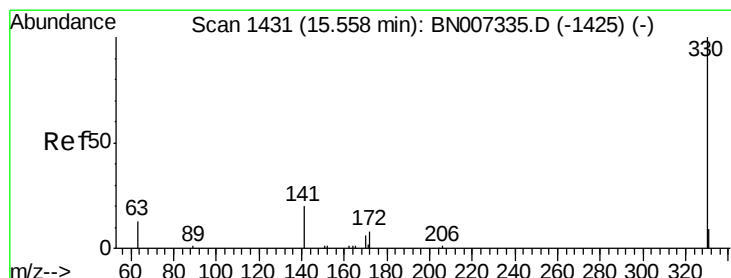
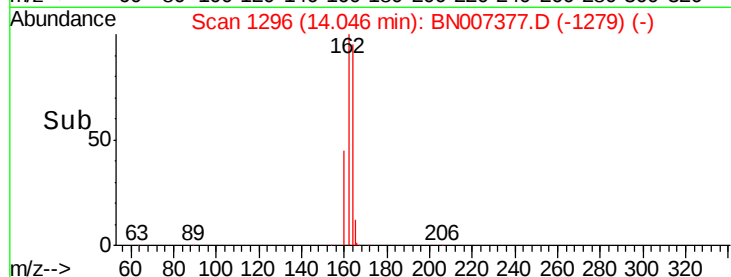
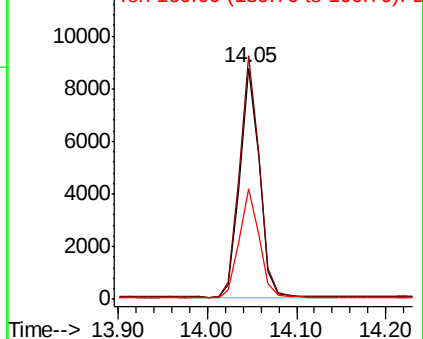


Abundance

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: 0.393 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

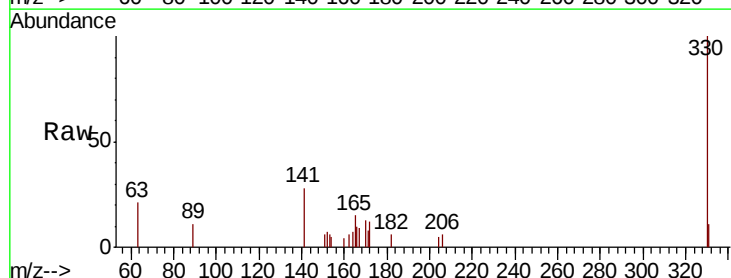
Tgt Ion:330 Resp: 2726

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.5 26.9 40.3

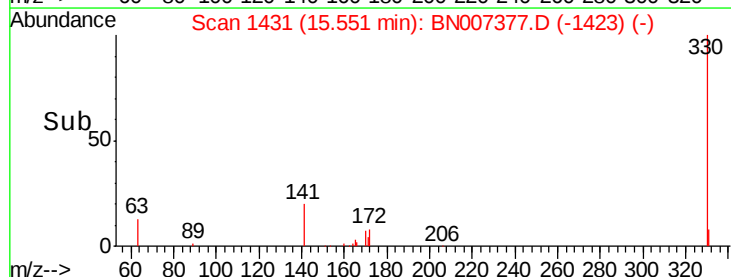
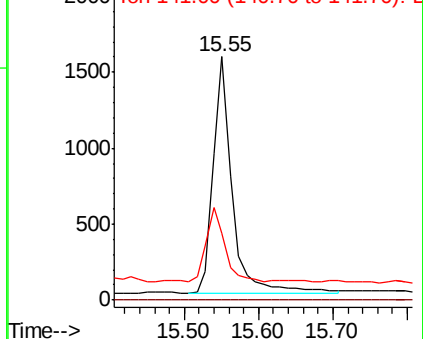


Abundance

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: 0.434 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

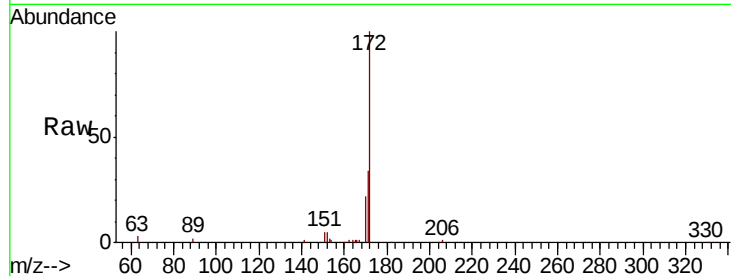
Tgt Ion:172 Resp: 23171

Ion Ratio Lower Upper

172 100

171 34.2 30.3 45.5

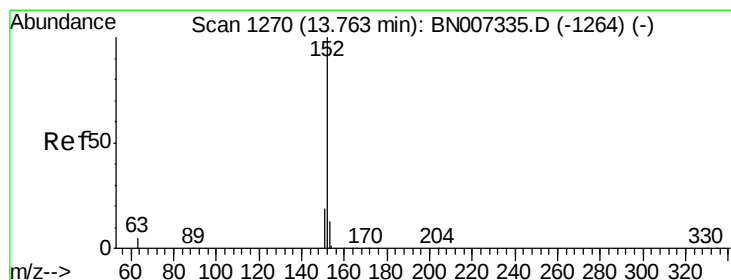
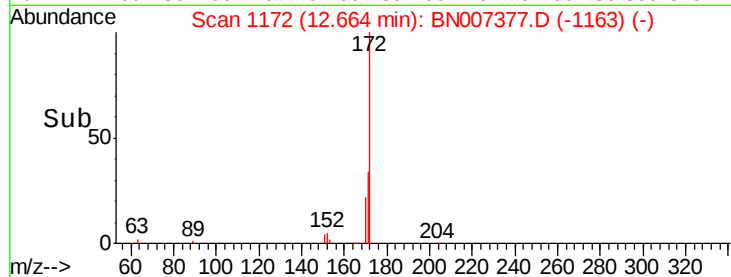
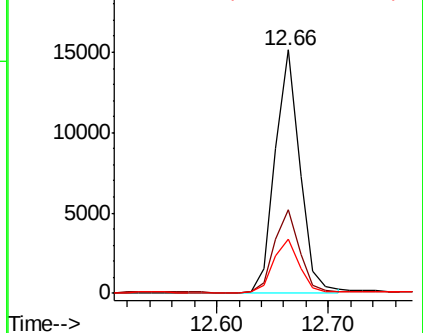
170 22.4 20.7 31.1



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: 0.394 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

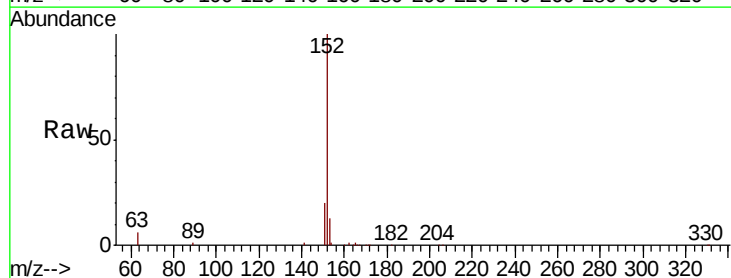
Tgt Ion:152 Resp: 30917

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

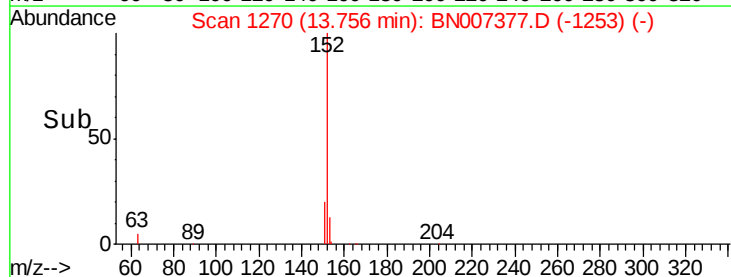
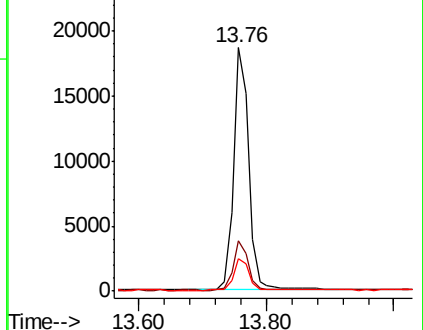
153 13.2 10.6 15.8



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: 0.413 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

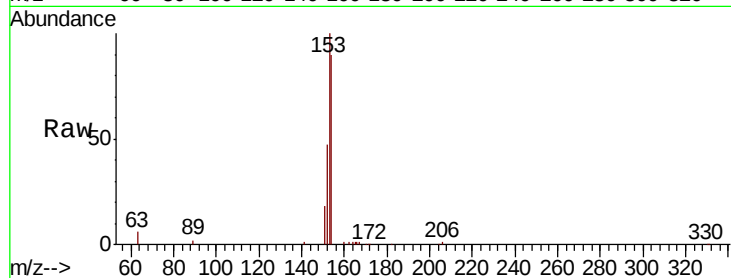
Tgt Ion:154 Resp: 18943

Ion Ratio Lower Upper

154 100

153 112.8 92.8 139.2

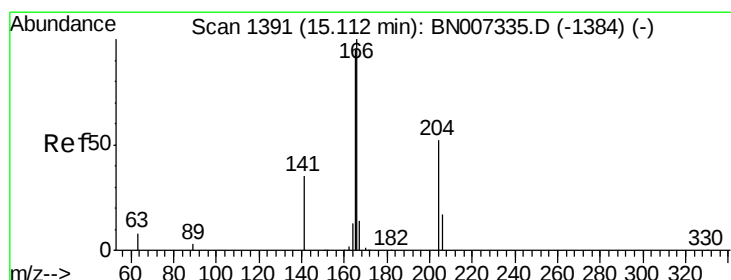
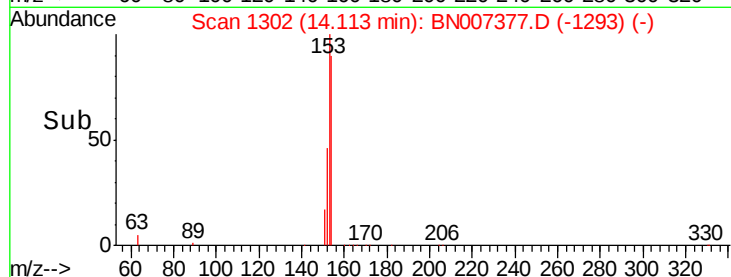
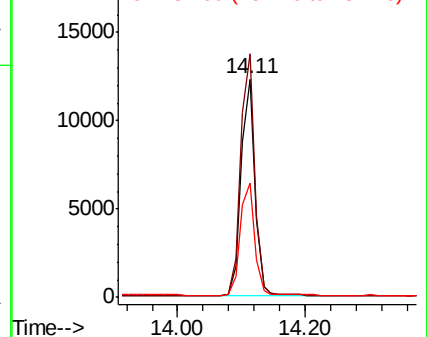
152 53.6 43.8 65.8



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: 0.402 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

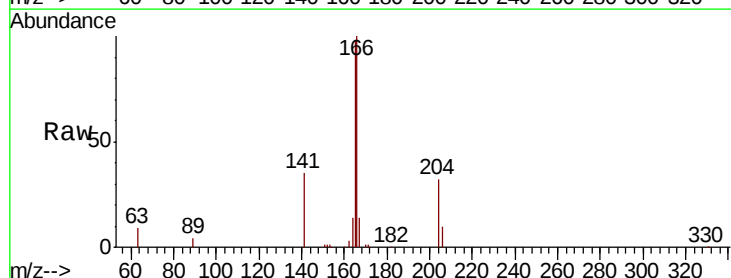
Tgt Ion:166 Resp: 23338

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

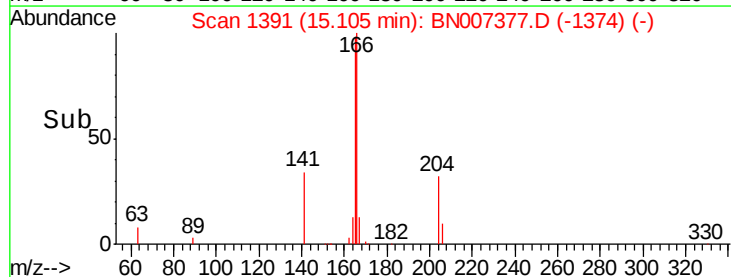
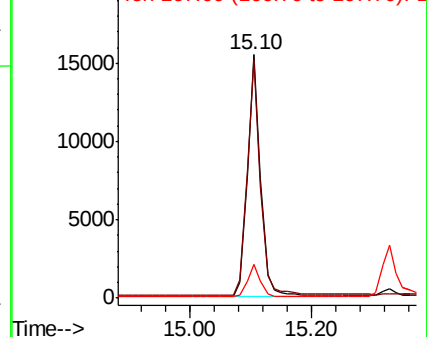
167 13.4 10.6 15.8



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# 1546

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

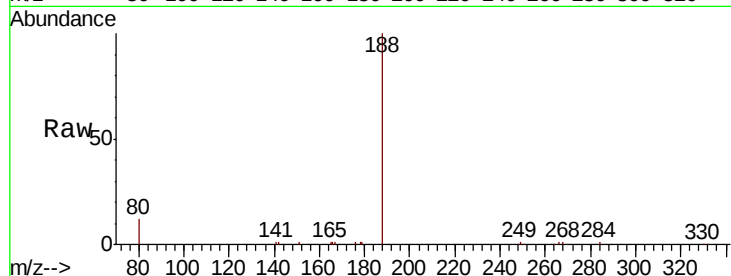
Tgt Ion:188 Resp: 28763

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

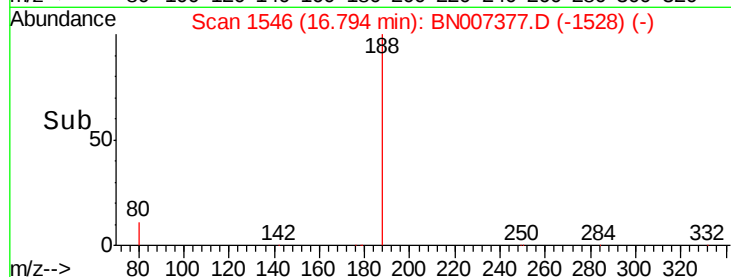
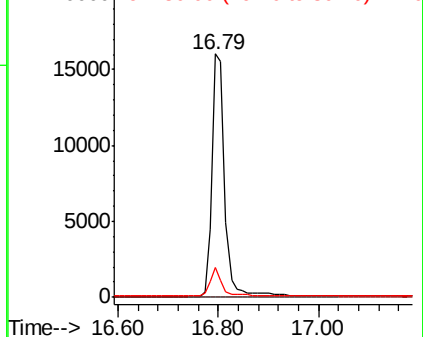
80 12.2 11.8 17.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

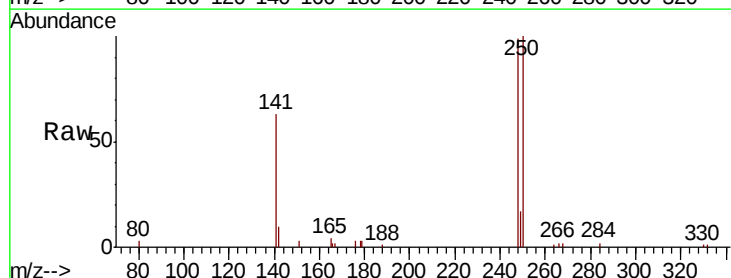
Tgt Ion:248 Resp: 4671

Ion Ratio Lower Upper

248 100

250 101.0 85.0 127.6

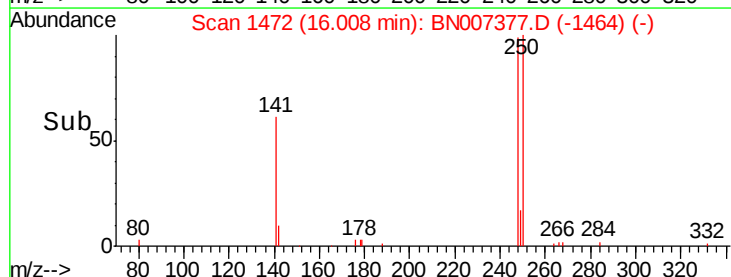
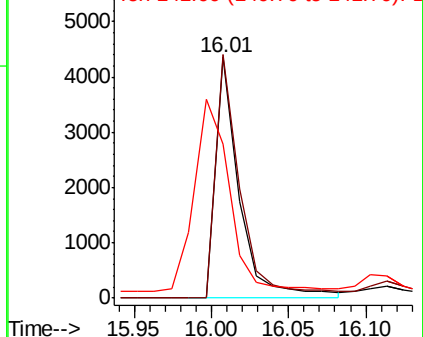
141 64.1 51.7 77.5



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: 0.450 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

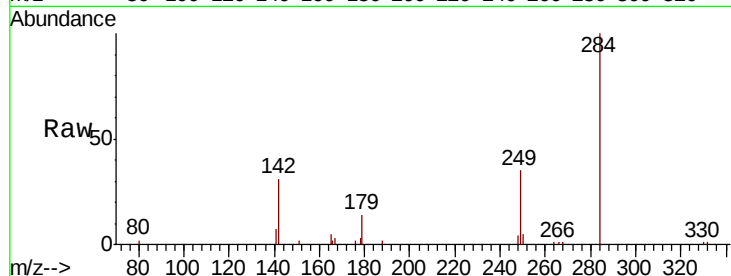
Tgt Ion:284 Resp: 8676

Ion Ratio Lower Upper

284 100

142 31.8 29.0 43.6

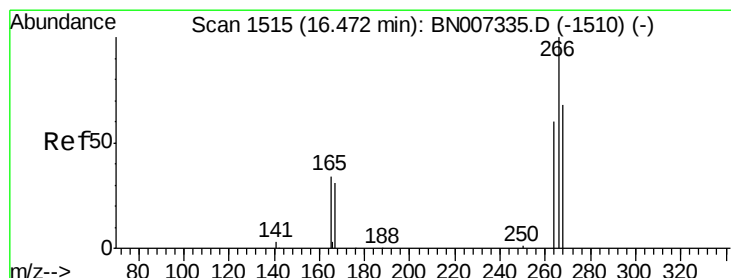
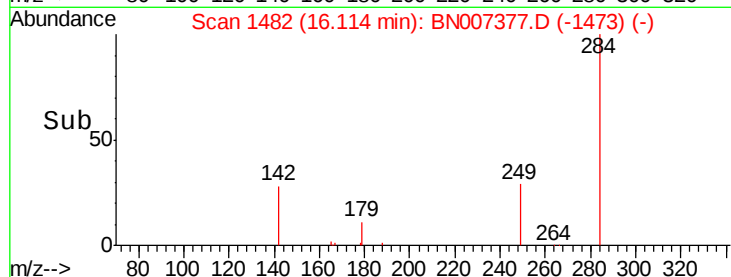
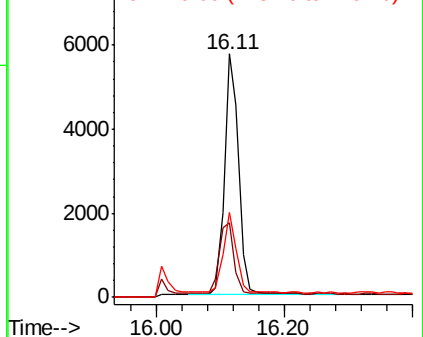
249 30.8 24.9 37.3



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: 0.448 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

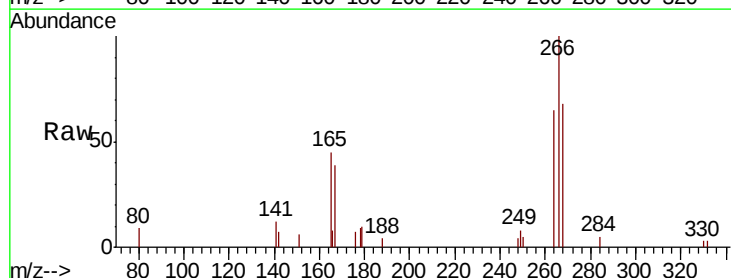
Tgt Ion:266 Resp: 2682

Ion Ratio Lower Upper

266 100

264 65.1 57.8 86.8

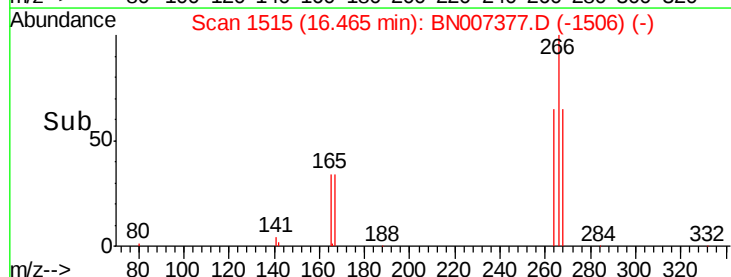
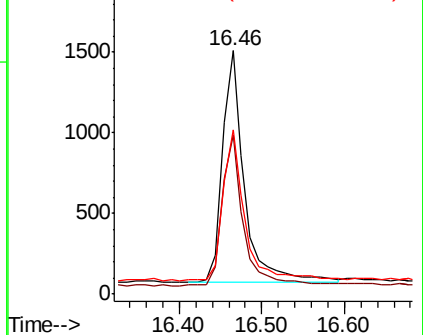
268 67.7 99.7 149.5#



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: 0.417 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

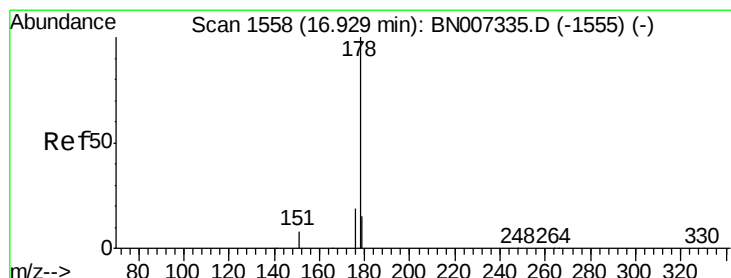
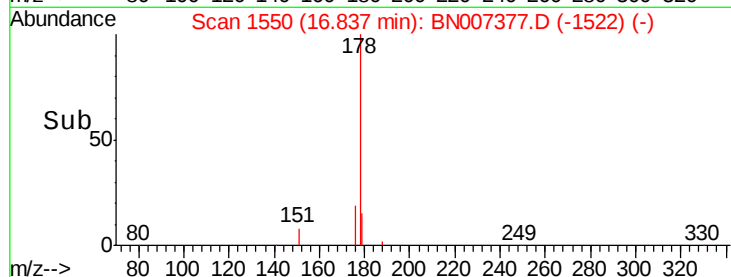
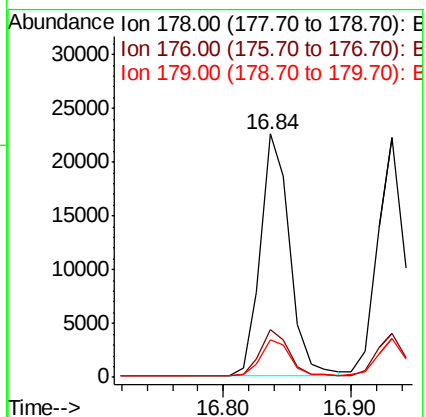
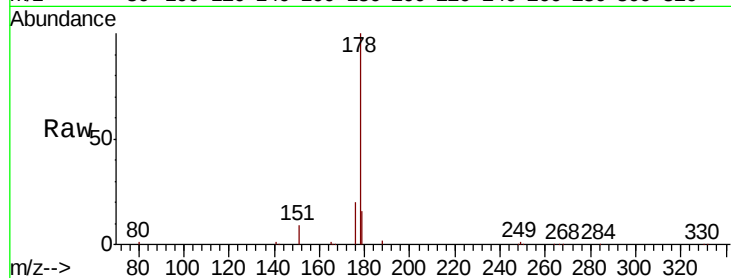
Tgt Ion:178 Resp: 36093

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.4 12.6 19.0



#24

Anthracene

Concen: 0.389 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

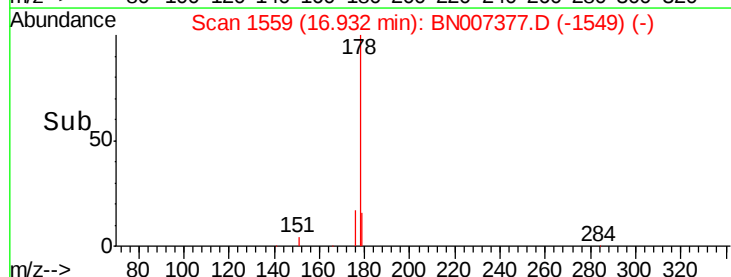
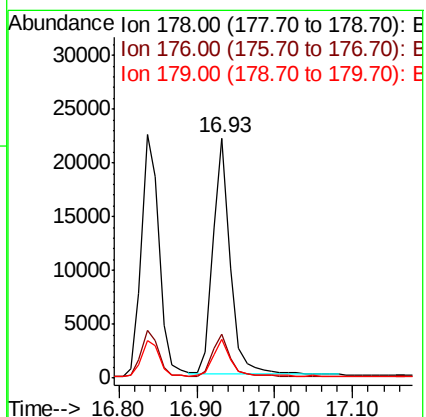
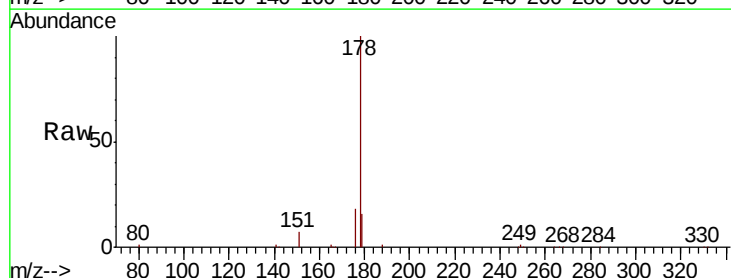
Tgt Ion:178 Resp: 33852

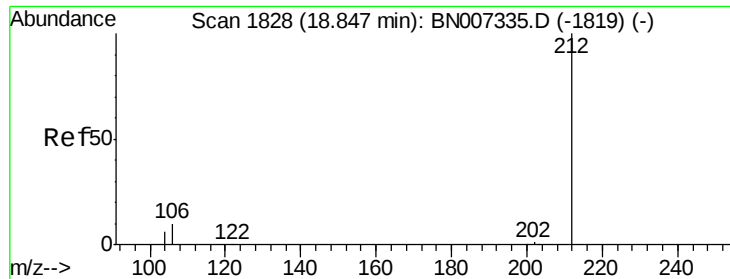
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.6 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

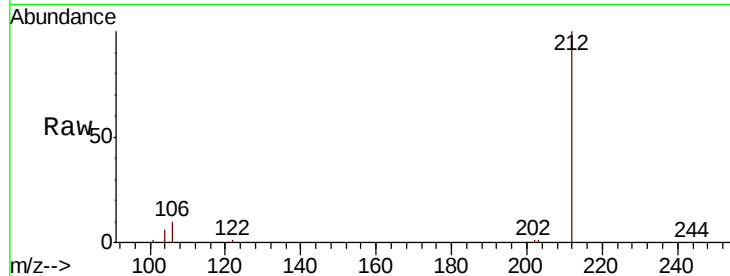
Tgt Ion:212 Resp: 36997

Ion Ratio Lower Upper

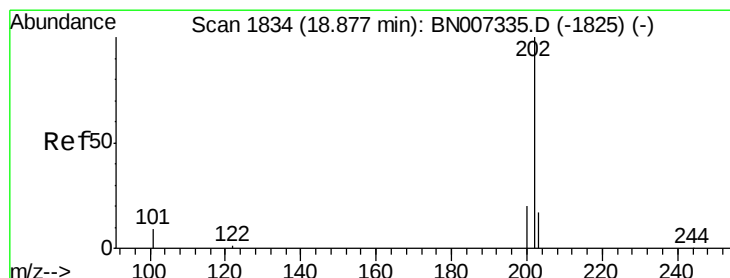
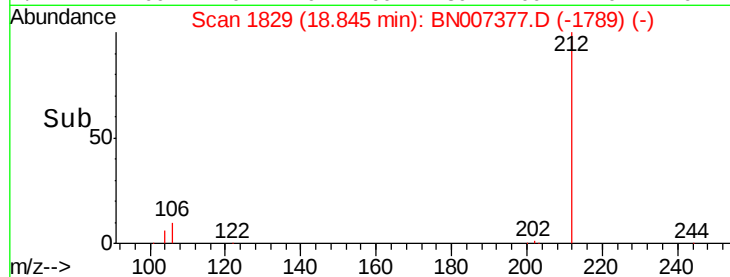
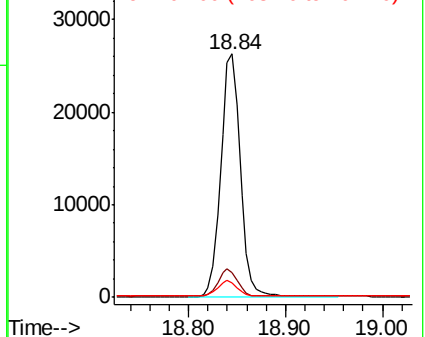
212 100

106 11.0 9.0 13.4

104 6.5 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: 0.402 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

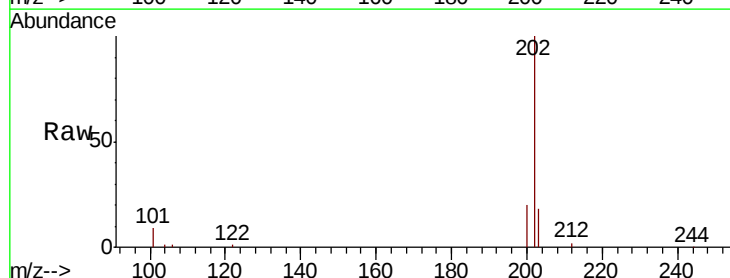
Tgt Ion:202 Resp: 44665

Ion Ratio Lower Upper

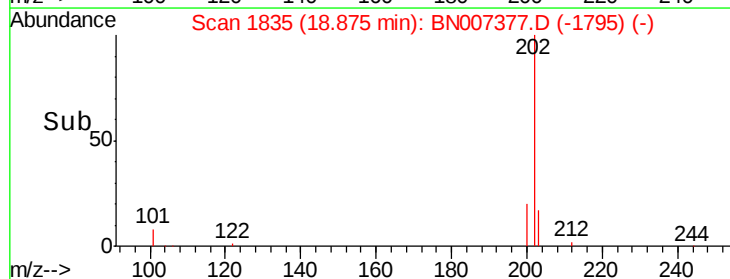
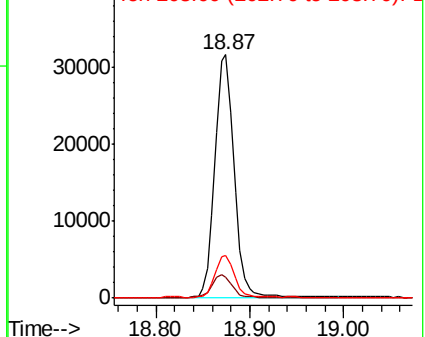
202 100

101 9.5 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# 2158

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

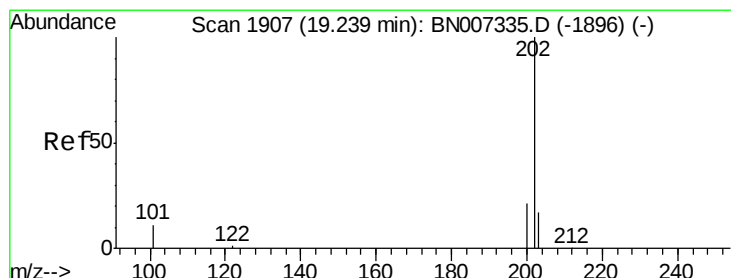
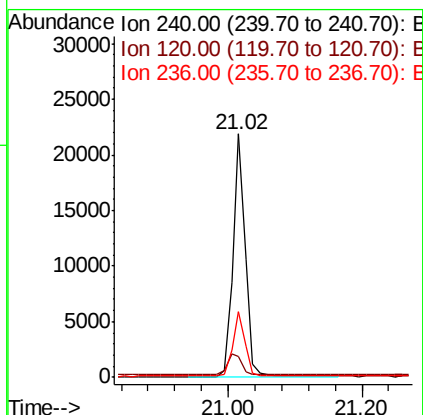
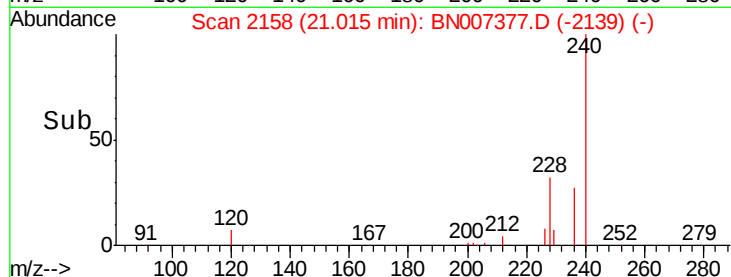
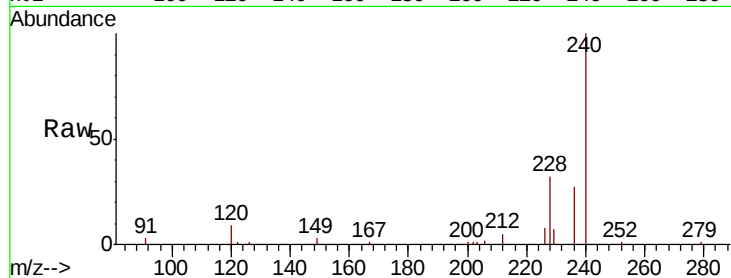
Tgt Ion:240 Resp: 27694

Ion Ratio Lower Upper

240 100

120 8.6 9.6 14.4#

236 27.0 22.2 33.2



#28

Pyrene

Concen: 0.412 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

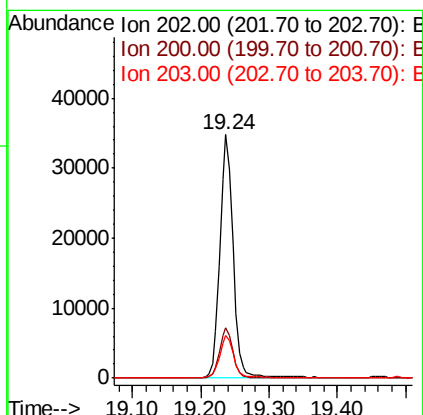
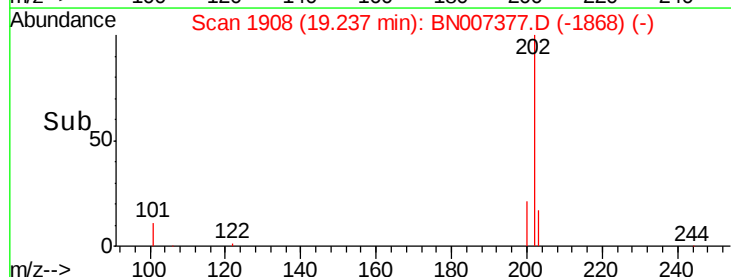
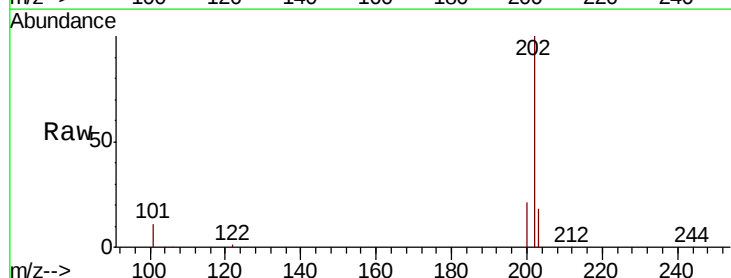
Tgt Ion:202 Resp: 45942

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

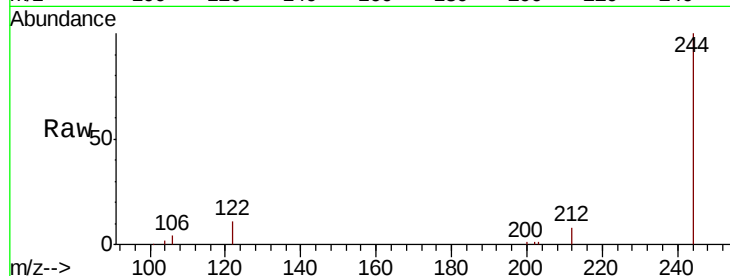
Tgt Ion:244 Resp: 29838

Ion Ratio Lower Upper

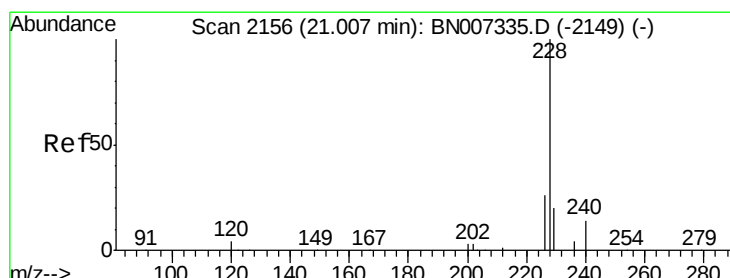
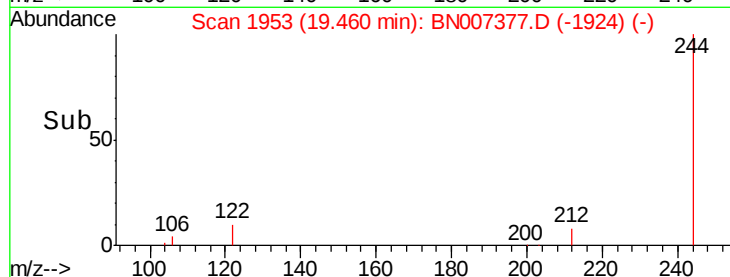
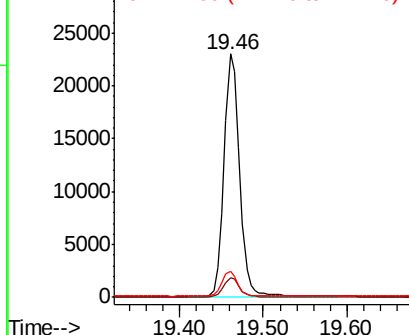
244 100

212 8.0 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: 0.414 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

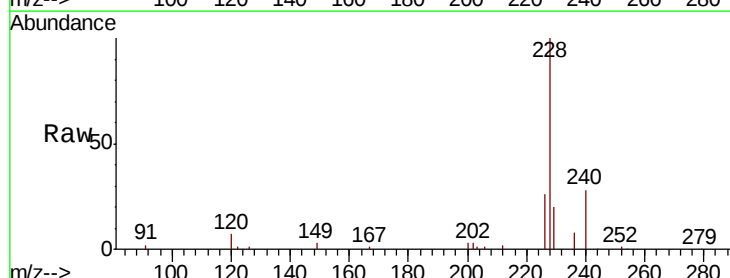
Tgt Ion:228 Resp: 44975

Ion Ratio Lower Upper

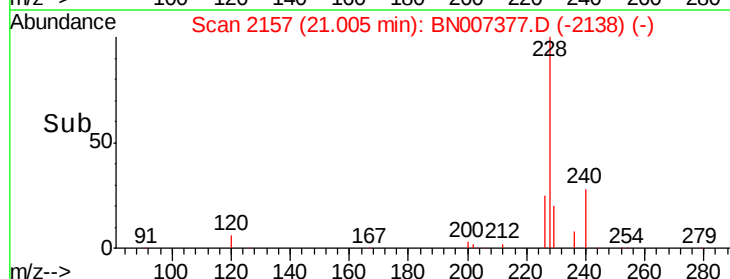
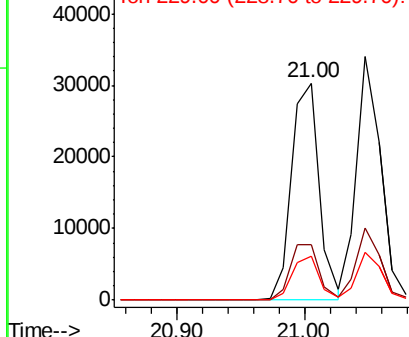
228 100

226 25.5 21.3 31.9

229 20.3 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: 0.425 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

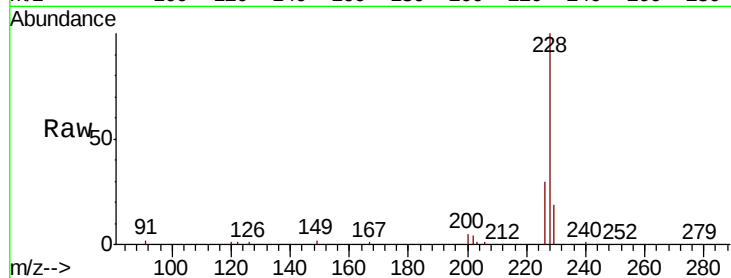
Tgt Ion:228 Resp: 44656

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

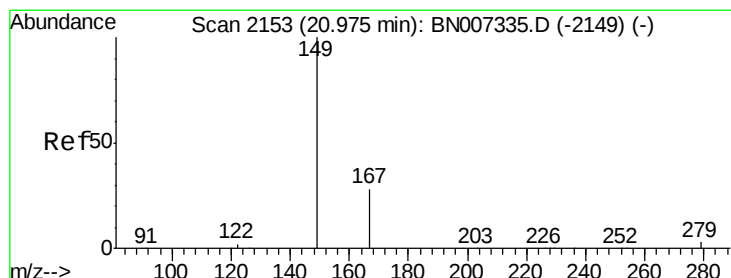
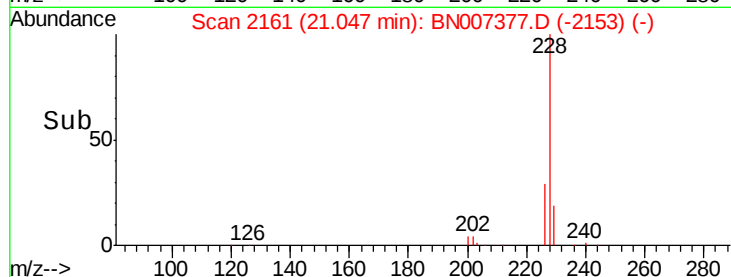
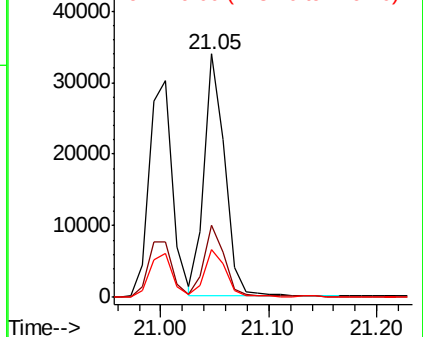
229 19.4 16.6 24.8



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: 0.335 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

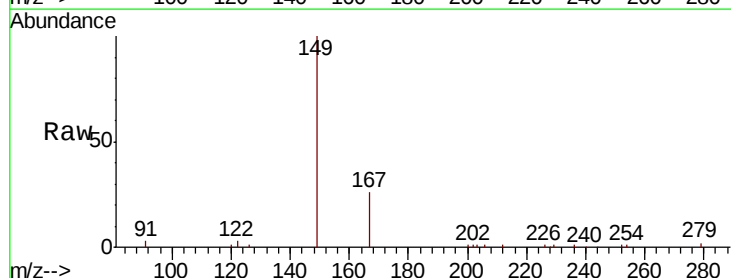
Tgt Ion:149 Resp: 24933

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

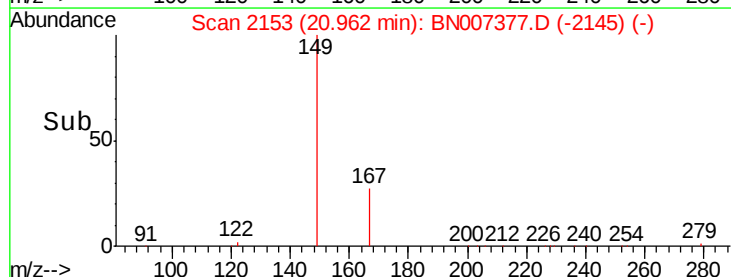
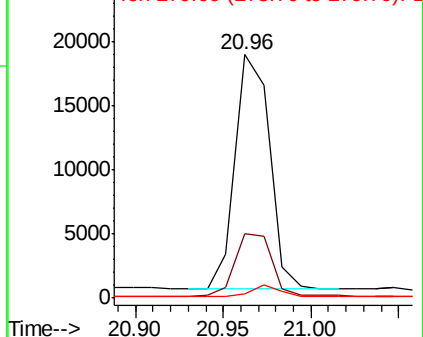
279 4.6 3.5 5.3



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: 0.429 ng

RT: 25.18 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

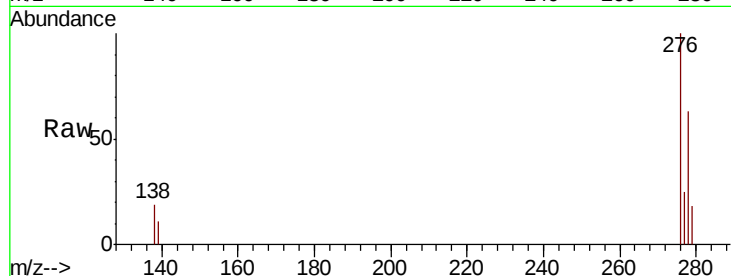
Tgt Ion: 276 Resp: 54298

Ion Ratio Lower Upper

276 100

138 20.1 15.1 22.7

277 24.5 19.7 29.5

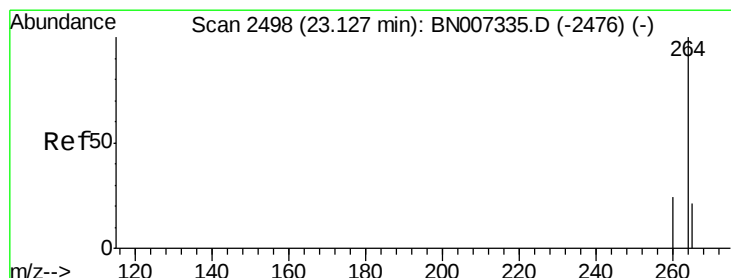
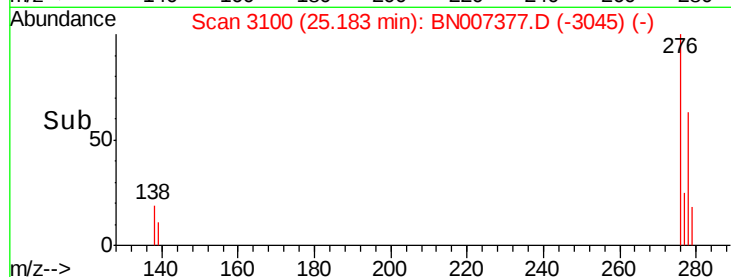
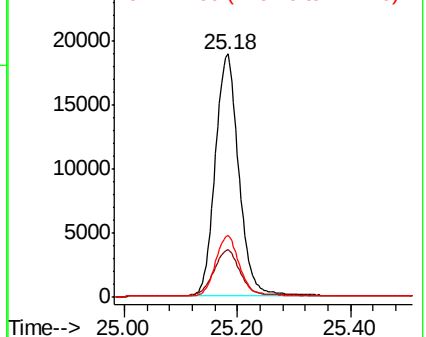


Abundance

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: 23.12 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

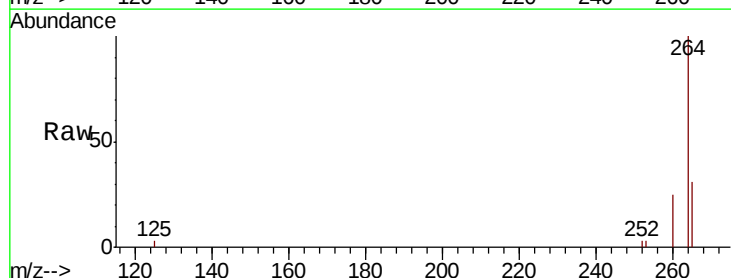
Tgt Ion: 264 Resp: 30784

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 30.9 29.9 44.9

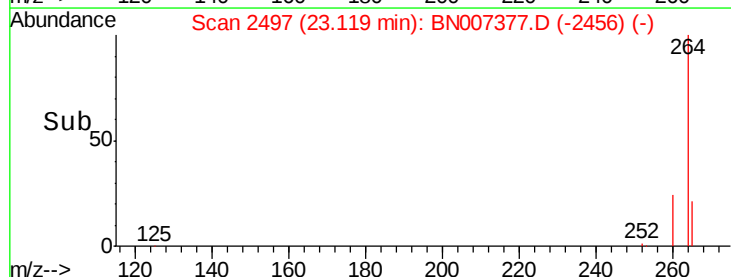
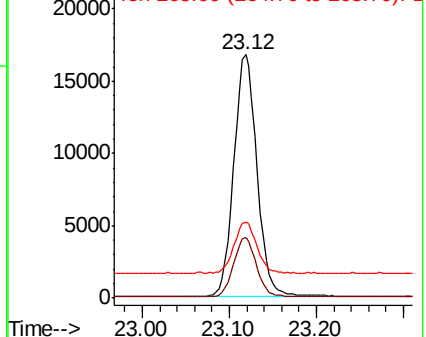


Abundance

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: 0.420 ng

RT: 22.54 min Scan# 2328

Delta R.T. 0.03 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

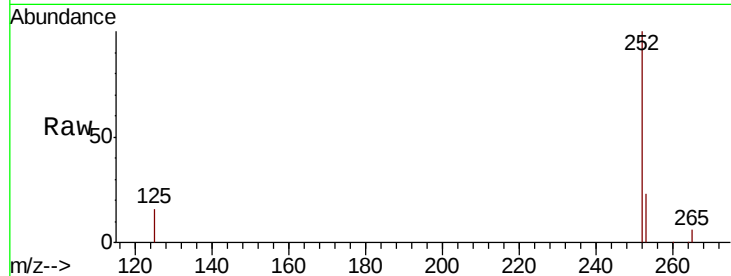
Tgt Ion:252 Resp: 46876

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

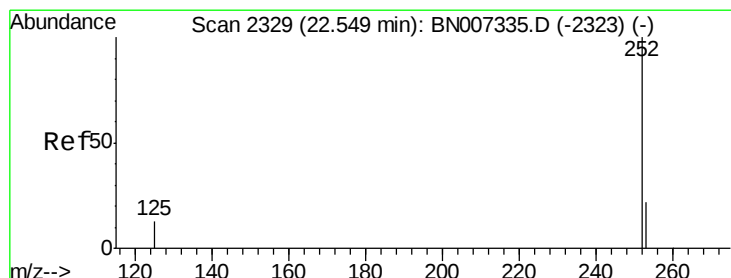
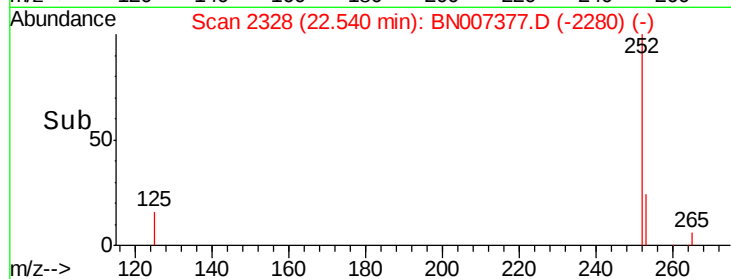
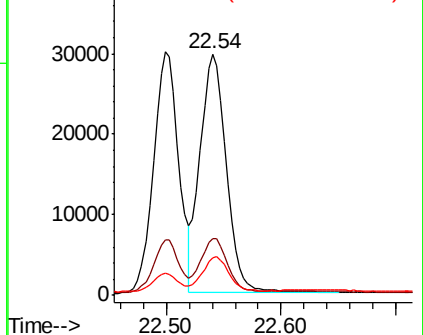
125 15.7 10.6 16.0



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: 0.425 ng

RT: 22.54 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

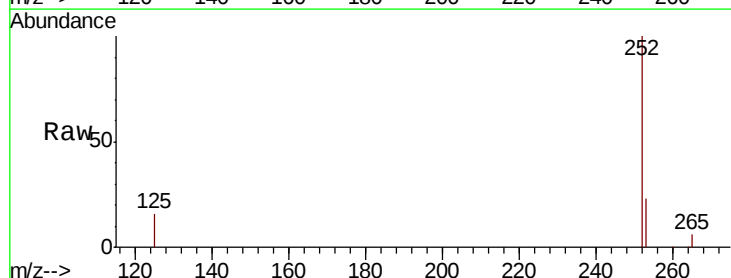
Tgt Ion:252 Resp: 46876

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.2

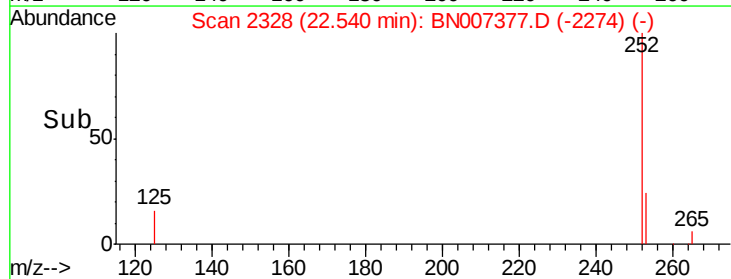
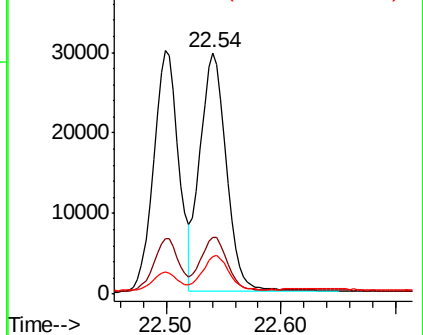
125 15.7 13.1 19.7



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: 0.409 ng

RT: 23.03 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP

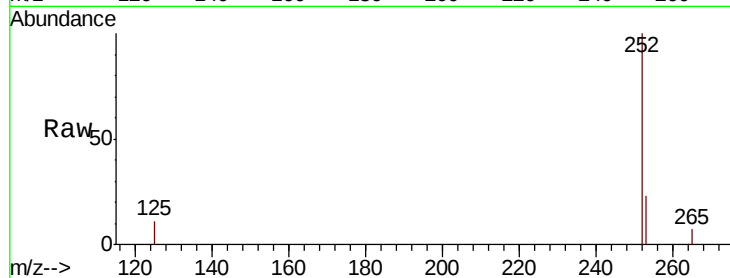
Tgt Ion:252 Resp: 43441

Ion Ratio Lower Upper

252 100

253 23.3 19.5 29.3

125 10.7 12.1 18.1#

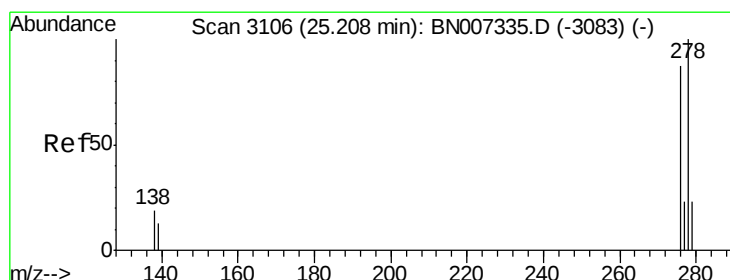
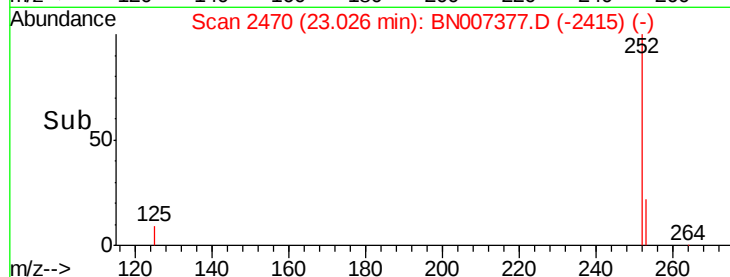
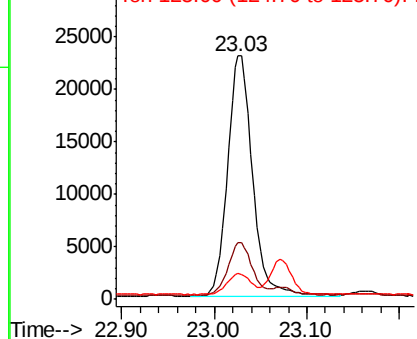


Abundance

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: 0.412 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN007377.D

Acq: 25 Aug 2019 00:32

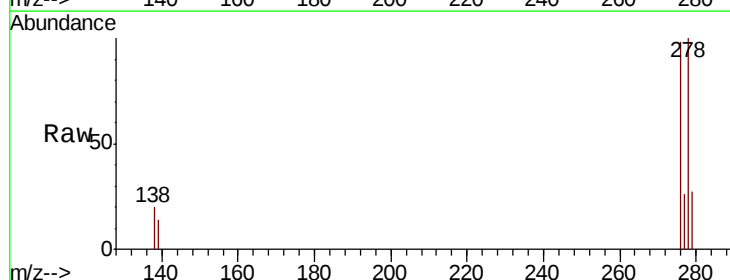
Tgt Ion:278 Resp: 43680

Ion Ratio Lower Upper

278 100

139 14.2 13.7 20.5

279 26.7 20.2 30.4

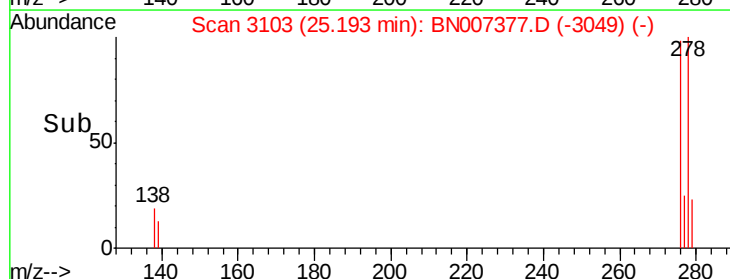
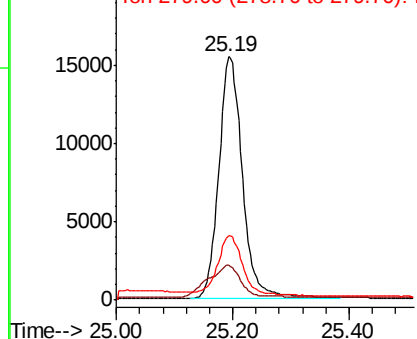


Abundance

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: 0.418 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.02 min

Lab File: BN007377.D

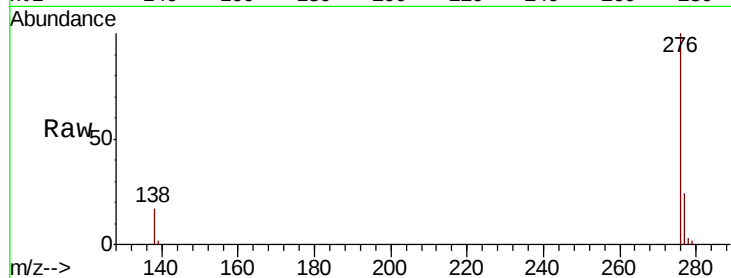
Acq: 25 Aug 2019 00:32

Instrument :

BNA_N

ClientSampleId :

DFTPP



Tgt Ion: 276 Resp: 44079

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.4 16.3 24.5

