

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007704.D
 Acq On : 18 Sep 2019 14:13
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

Quant Time: Sep 18 16:47:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5309	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	20994	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12423	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31360	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35393	0.40	ng	0.00
34) Perylene-d12	23.50	264	41194	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	2427	0.15	ng	0.00
5) Phenol-d6	6.87	99	3776	0.15	ng	0.00
8) Nitrobenzene-d5	8.83	82	1899	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	3547	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	782	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	5172	0.10	ng	0.00
25) Fluoranthene-d10	19.10	212	10572	0.10	ng	0.00
29) Terphenyl-d14	19.72	244	9123	0.10	ng	0.00

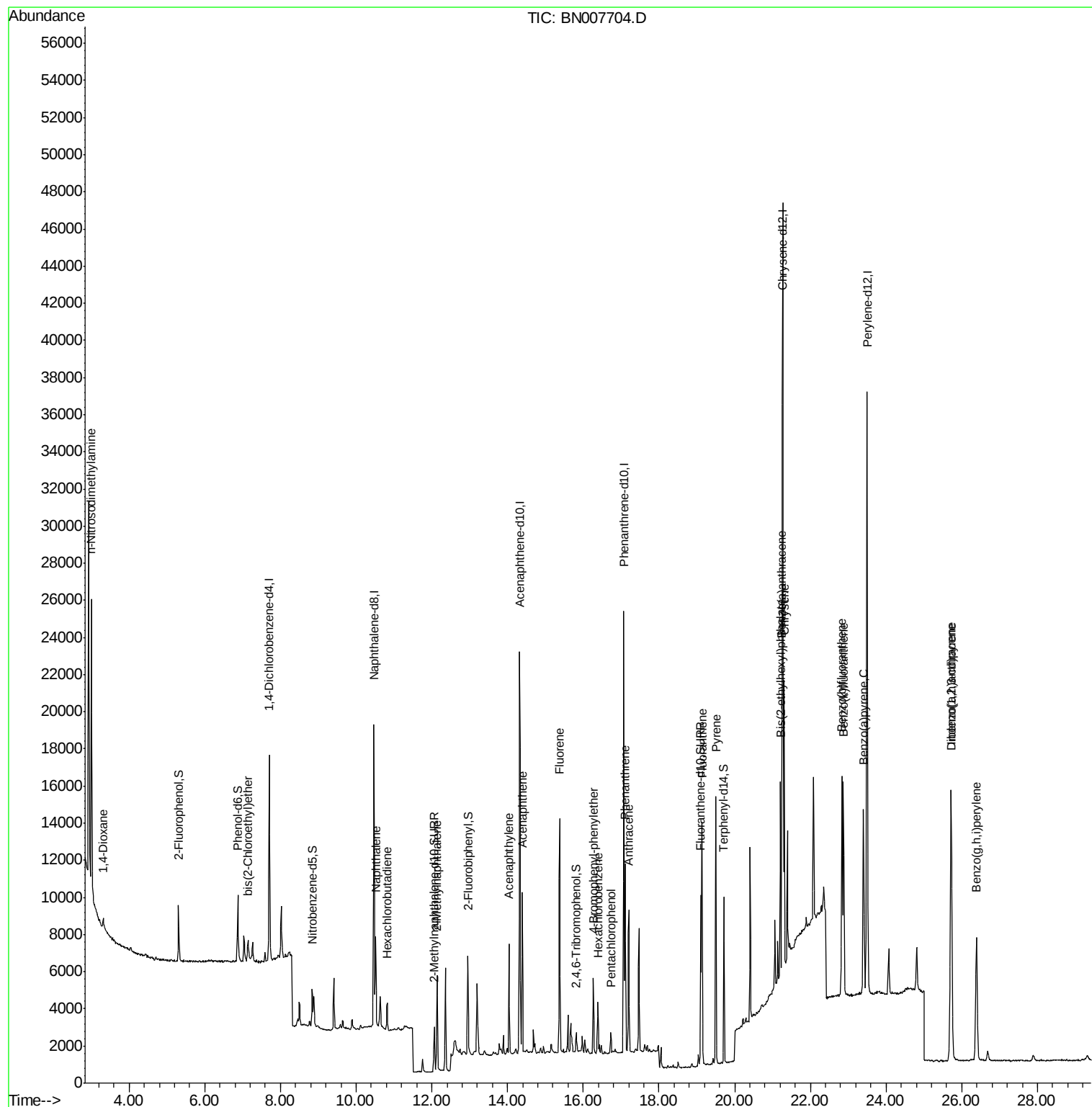
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	507	0.091	ng	# 78
3) n-Nitrosodimethylamine	3.01	42	1654	0.522	ng	# 91
6) bis(2-Chloroethyl)ether	7.14	93	1409	0.135	ng	96
9) Naphthalene	10.52	128	6044	0.102	ng	97
10) Hexachlorobutadiene	10.82	225	1306	0.110	ng	# 100
12) 2-Methylnaphthalene	12.13	142	3816	0.092	ng	96
16) Acenaphthylene	14.04	152	6530	0.098	ng	99
17) Acenaphthene	14.39	154	4274	0.101	ng	98
18) Fluorene	15.38	166	5530	0.100	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	1919	0.103	ng	# 90
21) Hexachlorobenzene	16.39	284	2085	0.107	ng	98
22) Pentachlorophenol	16.73	266	655	0.121	ng	98
23) Phenanthrene	17.11	178	10064	0.104	ng	100
24) Anthracene	17.20	178	8561	0.096	ng	99
26) Fluoranthene	19.14	202	12447	0.106	ng	100
28) Pyrene	19.50	202	12927	0.102	ng	100
30) Benzo(a)anthracene	21.25	228	13429	0.106	ng	97
31) Chrysene	21.30	228	13043	0.101	ng	96
32) Bis(2-ethylhexyl)phthalate	21.21	149	9340	0.216	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	16981	0.125	ng	97
35) Benzo(b)fluoranthene	22.83	252	14164	0.097	ng	# 90
36) Benzo(k)fluoranthene	22.88	252	14788	0.102	ng	# 86
37) Benzo(a)pyrene	23.40	252	13851	0.106	ng	# 86
38) Dibenzo(a,h)anthracene	25.73	278	13903	0.106	ng	94
39) Benzo(g,h,i)perylene	26.39	276	13793	0.104	ng	95

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

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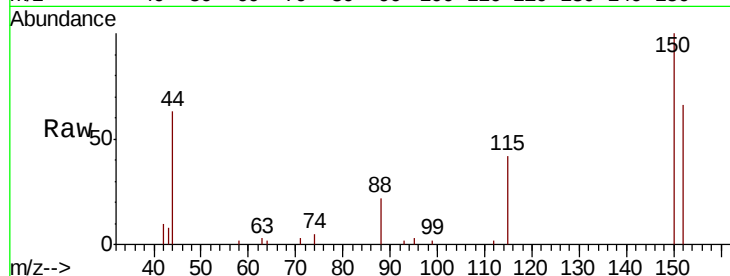


#1

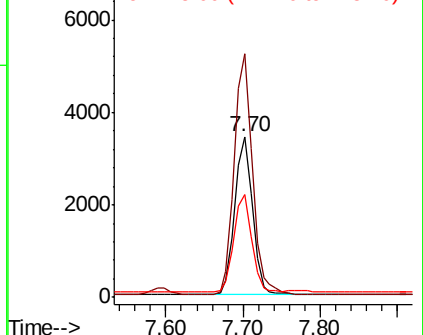
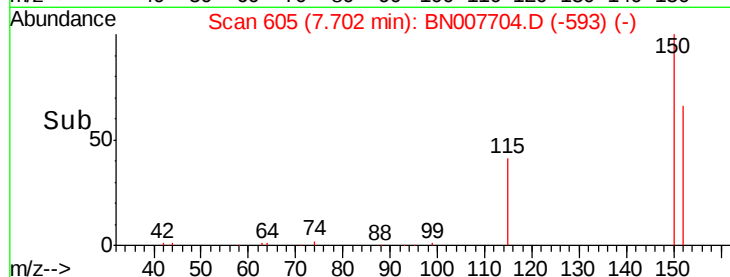
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 5309
Ion Ratio Lower Upper
152 100
150 151.7 125.6 188.4
115 63.8 53.3 79.9



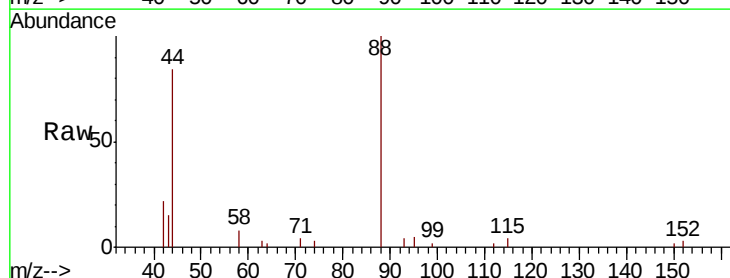
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



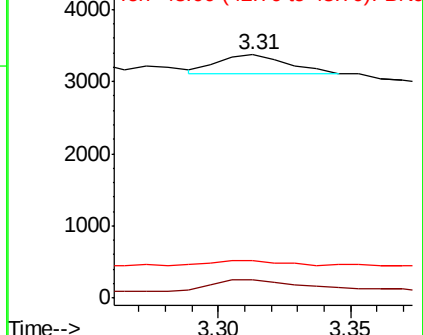
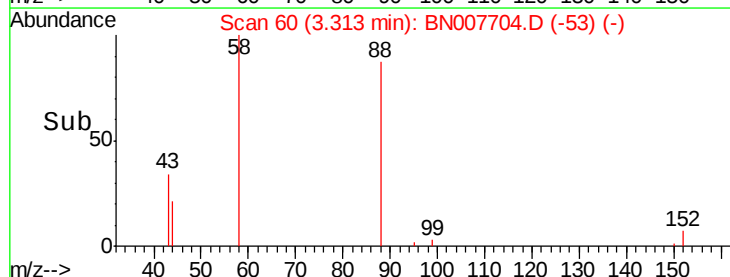
#2

1,4-Dioxane
Concen: 0.091 ng
RT: 3.31 min Scan# 60
Delta R.T. 0.01 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Tgt Ion: 88 Resp: 507
Ion Ratio Lower Upper
88 100
58 76.1 44.6 66.8#
43 19.5 14.4 21.6



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



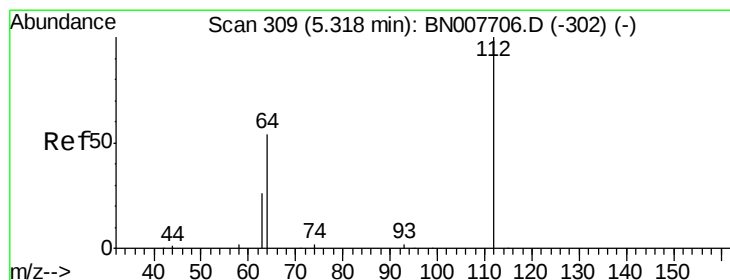
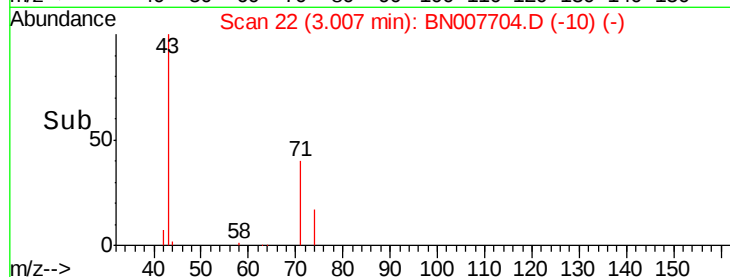
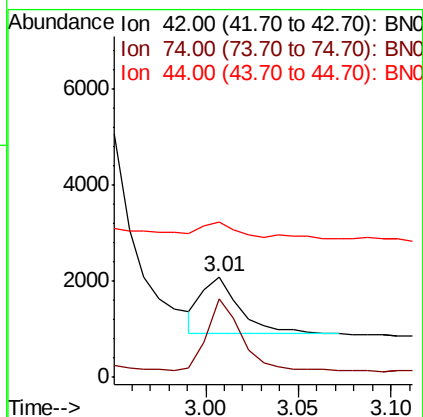
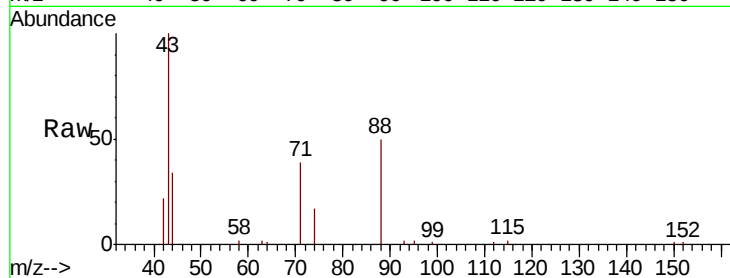


#3

n-Nitrosodimethylamine
 Concen: 0.522 ng
 RT: 3.01 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BN007704.D
 Acq: 18 Sep 2019 14:13

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

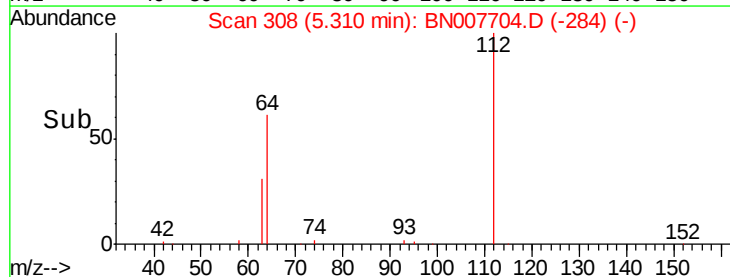
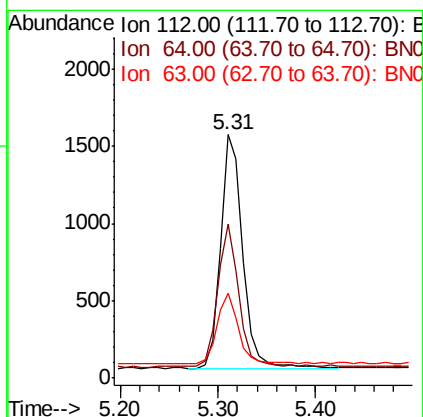
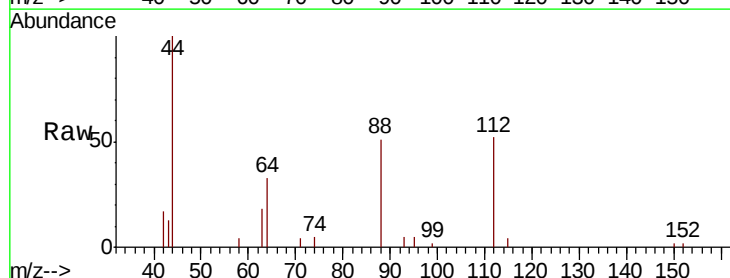
Tot Ion: 42 Resp: 1654
 Ion Ratio Lower Upper
 42 100
 74 113.4 87.9 131.9
 44 21.9 29.4 44.0#

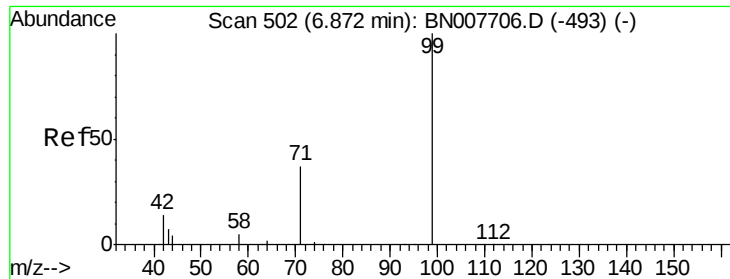


#4

2-Fluorophenol
 Concen: 0.150 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007704.D
 Acq: 18 Sep 2019 14:13

Tgt Ion: 112 Resp: 2427
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.6 70.0
 63 29.4 23.1 34.7





#5

Phenol-d6

Concen: 0.152 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

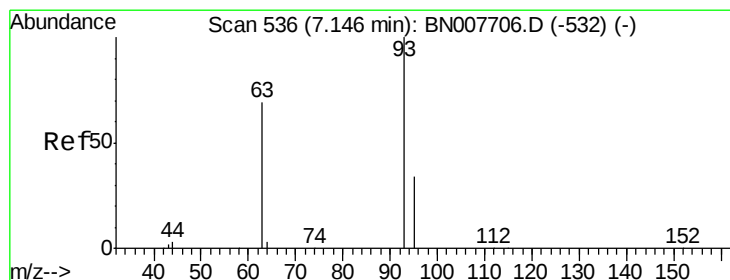
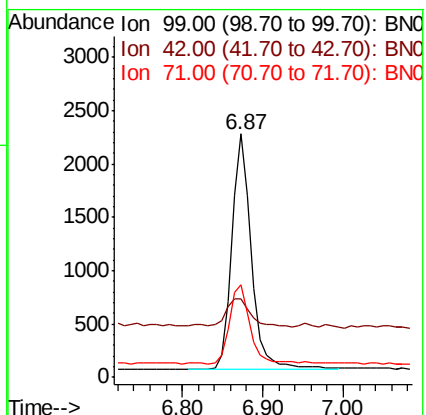
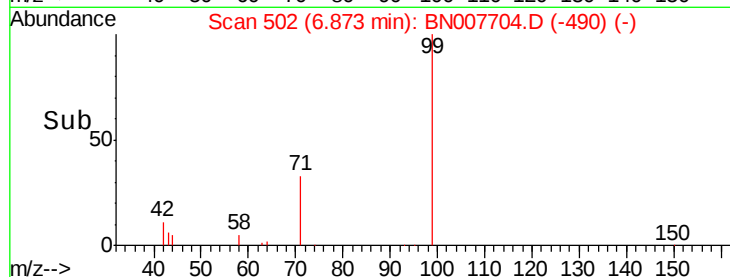
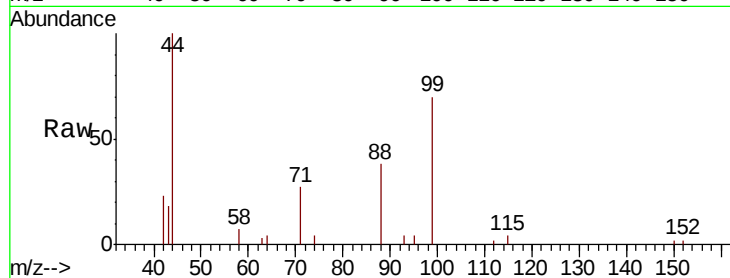
Tot Ion: 99 Resp: 3776

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

71 34.6 27.6 41.4



#6

bis(2-Chloroethyl)ether

Concen: 0.135 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

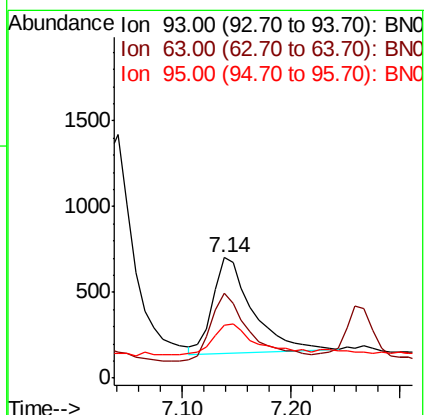
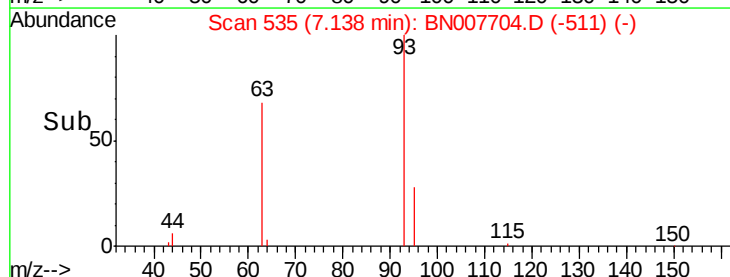
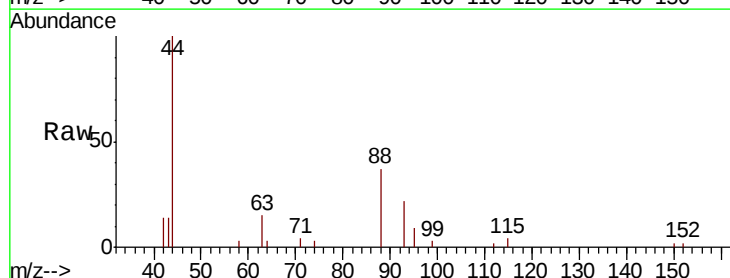
Tgt Ion: 93 Resp: 1409

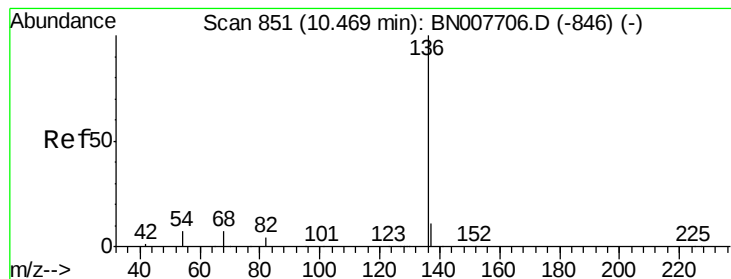
Ion Ratio Lower Upper

93 100

63 71.0 59.3 88.9

95 36.1 31.4 47.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 20994

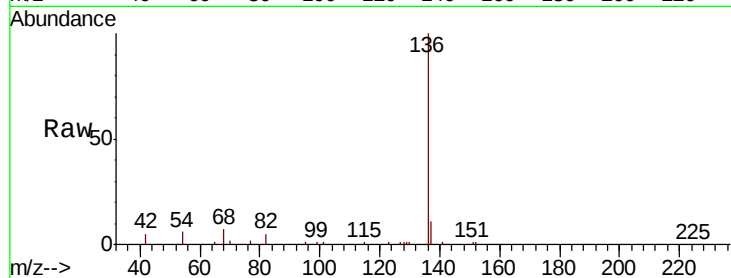
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.4 5.8 8.8

68 7.4 6.5 9.7

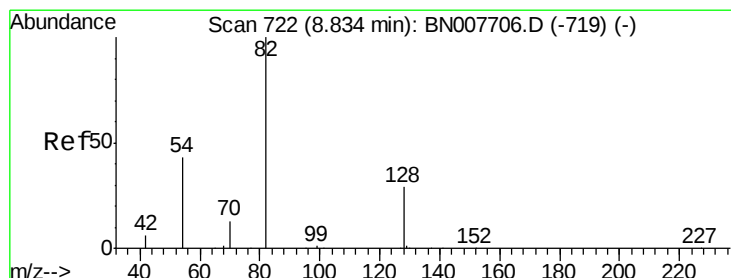
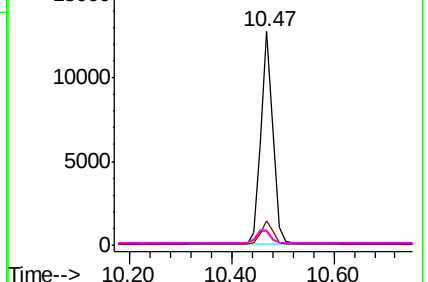
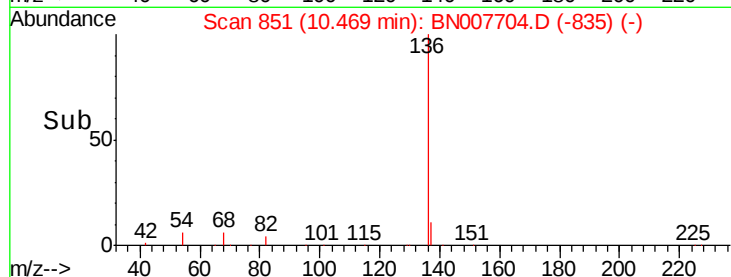


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.148 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

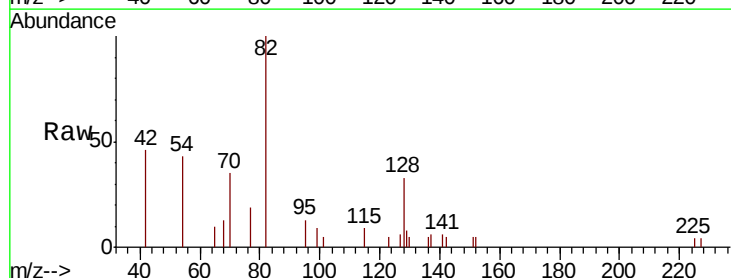
Tgt Ion: 82 Resp: 1899

Ion Ratio Lower Upper

82 100

128 33.4 24.5 36.7

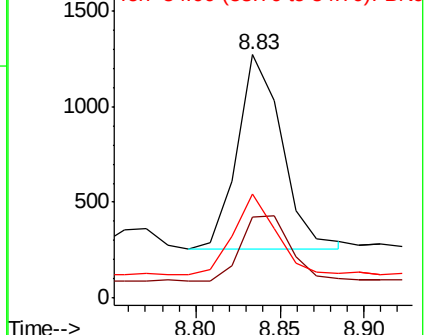
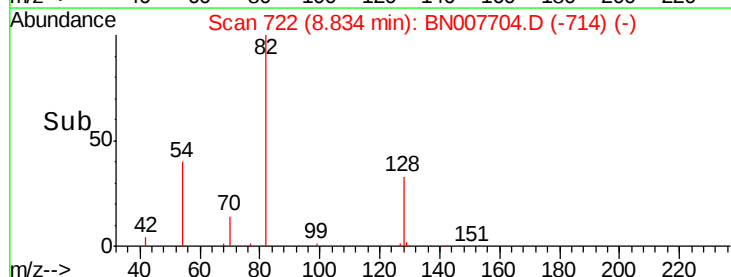
54 42.9 35.2 52.8



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: 0.102 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

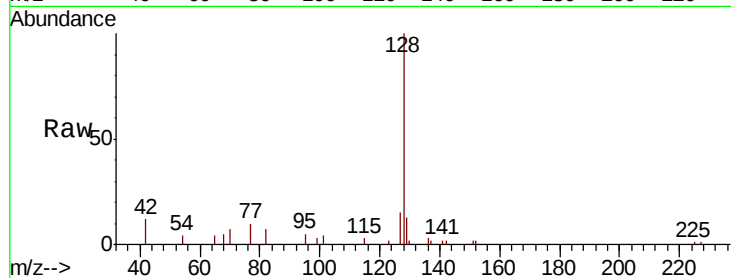
Tot Ion:128 Resp: 6044

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

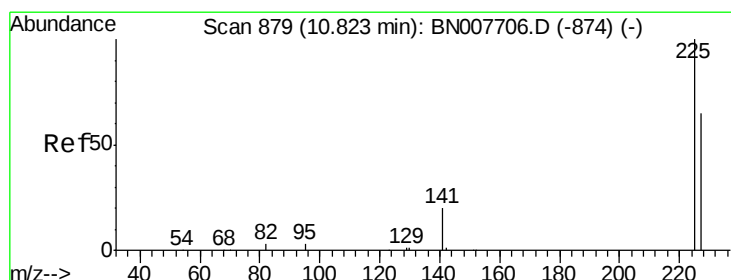
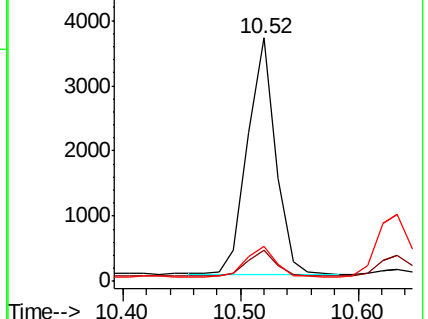
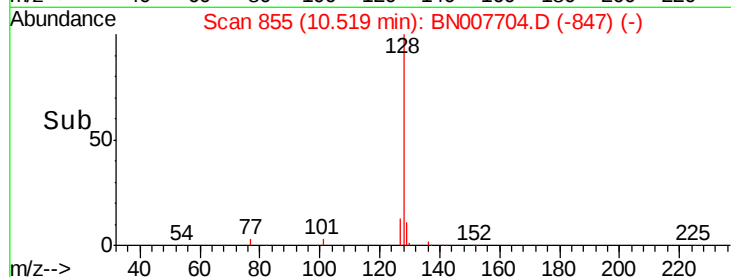
127 14.5 10.6 15.8



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: 0.110 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

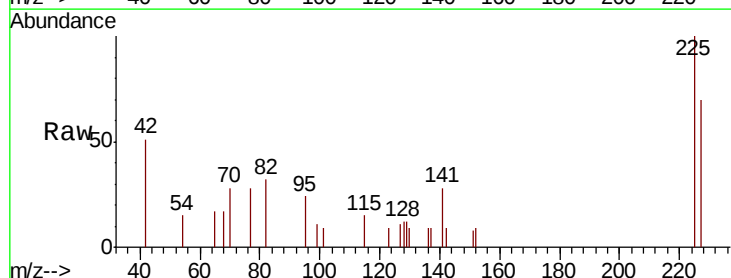
Tgt Ion:225 Resp: 1306

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

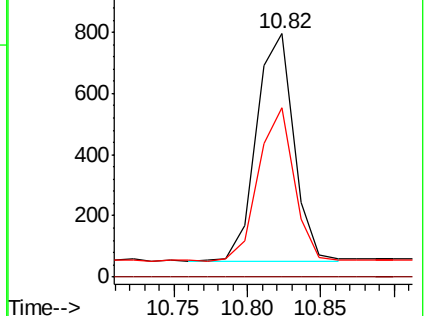
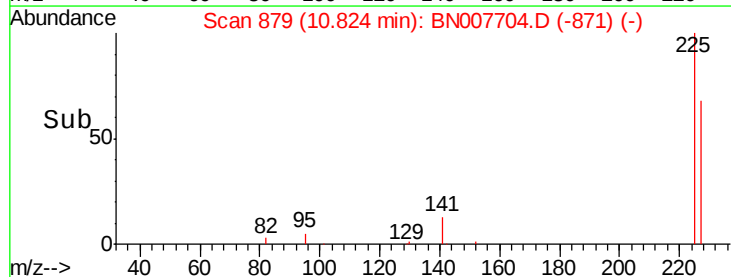
227 64.1 51.2 76.8

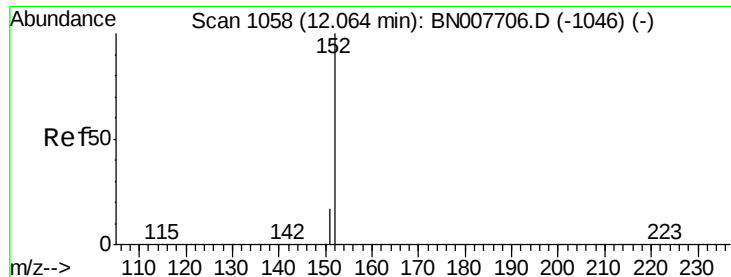


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

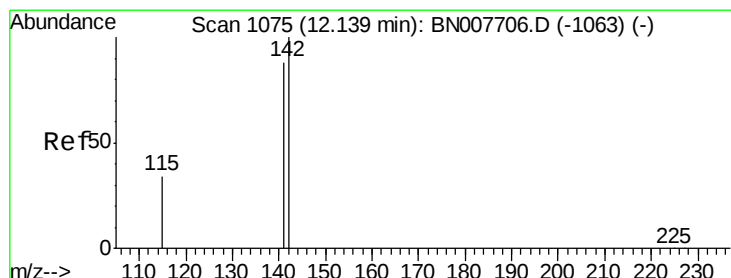
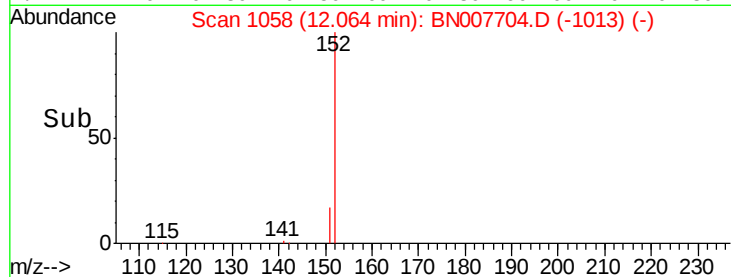
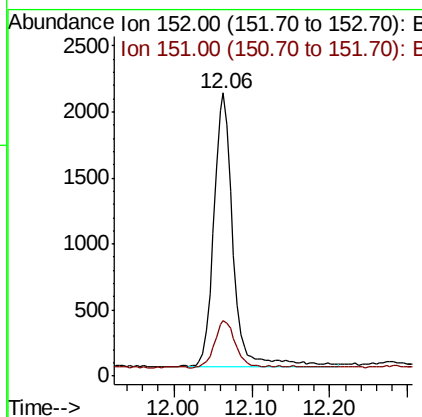
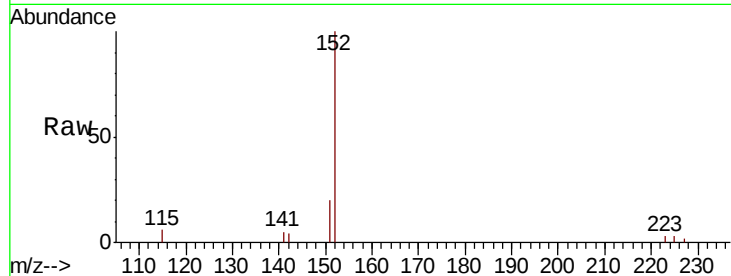




#11
 2-Methylnaphthalene-d10
 Concen: 0.098 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007704.D
 Acq: 18 Sep 2019 14:13

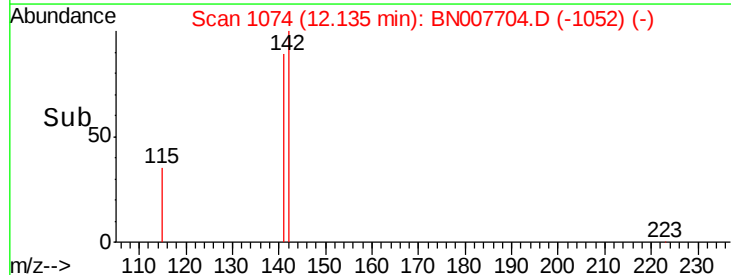
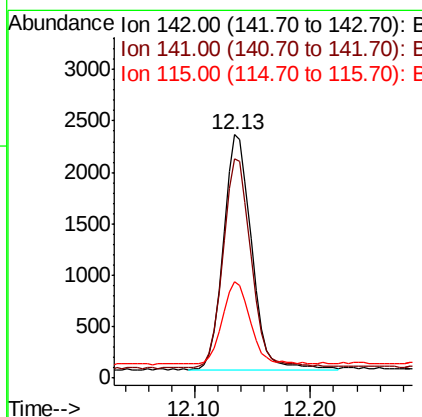
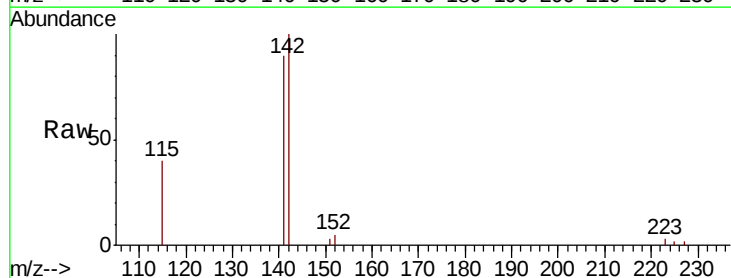
Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

Tot Ion:152 Resp: 3547
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.092 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007704.D
 Acq: 18 Sep 2019 14:13

Tgt Ion:142 Resp: 3816
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.6 106.0
 115 39.8 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampled :

DFTPP

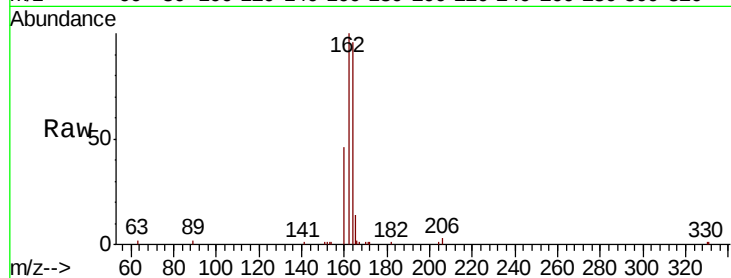
Tot Ion:164 Resp: 12423

Ion Ratio Lower Upper

164 100

162 103.8 81.7 122.5

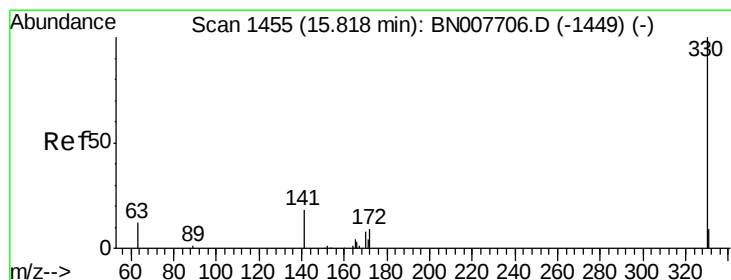
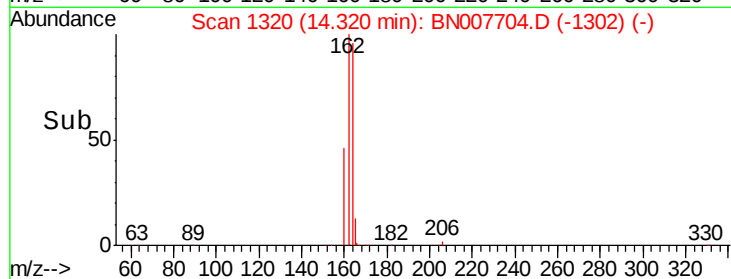
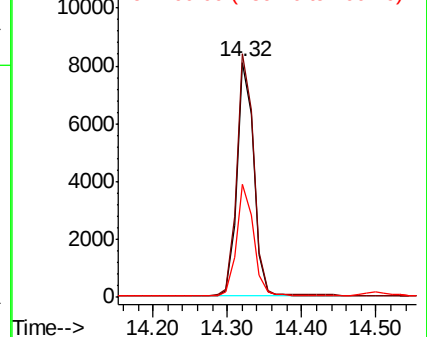
160 48.1 37.0 55.4



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: 0.166 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

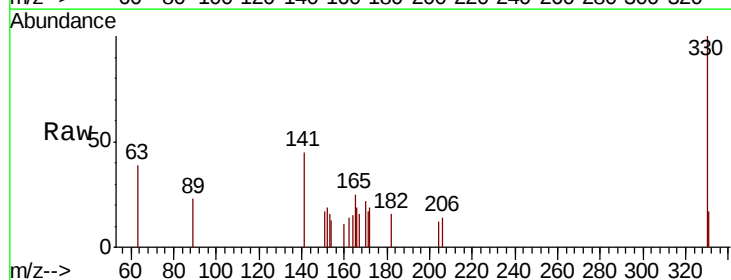
Tgt Ion:330 Resp: 782

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

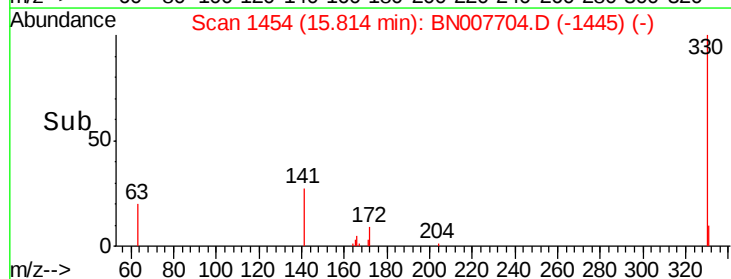
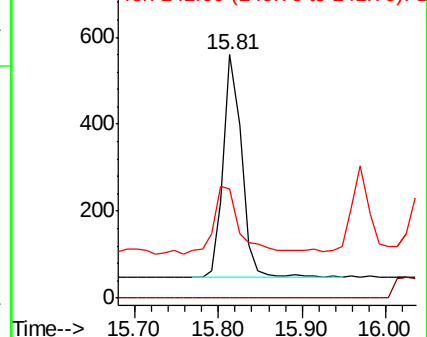
141 43.5 28.7 43.1#



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

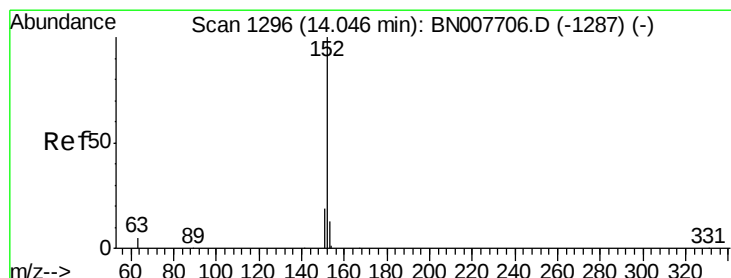
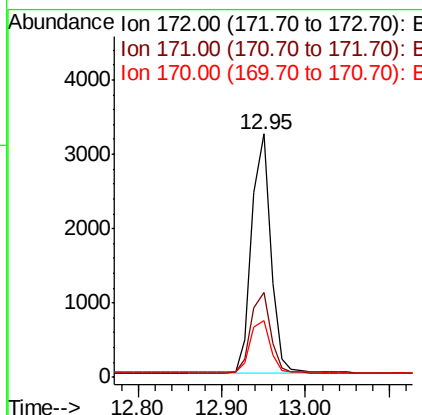
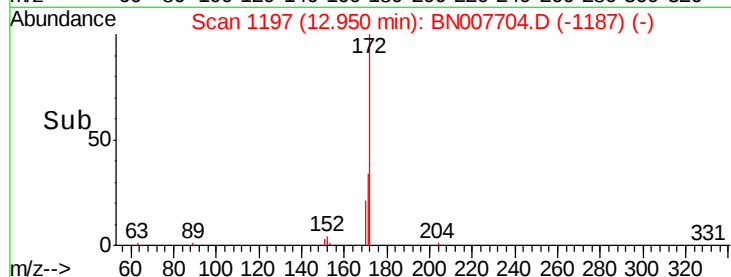
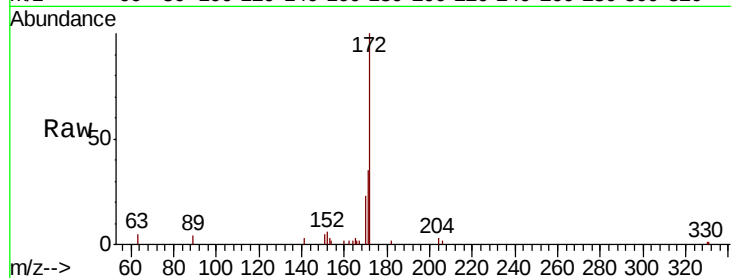




#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

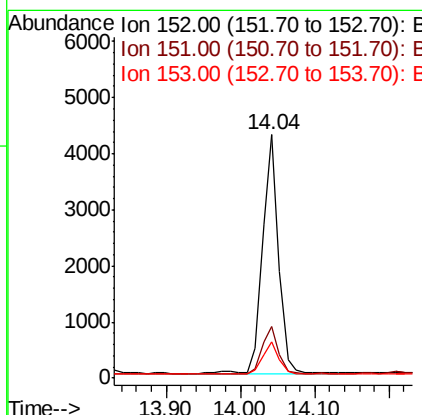
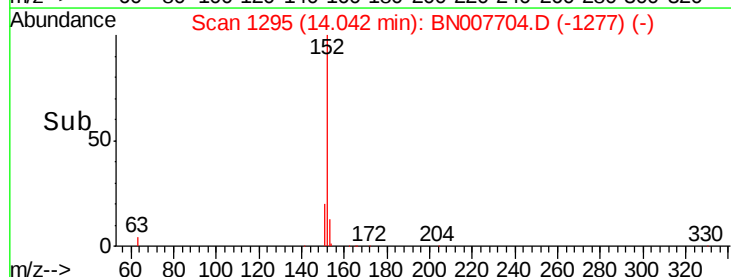
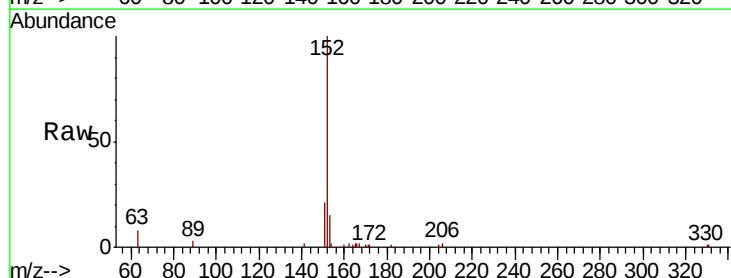
Instrument :
BNA_N
ClientSampleId :
DFTPP

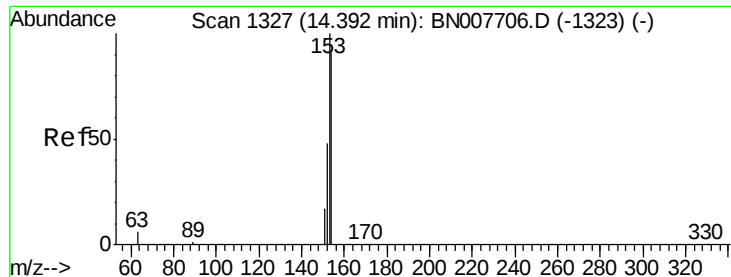
Tot Ion:172 Resp: 5172
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.098 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Tgt Ion:152 Resp: 6530
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.101 ng

RT: 14.39 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

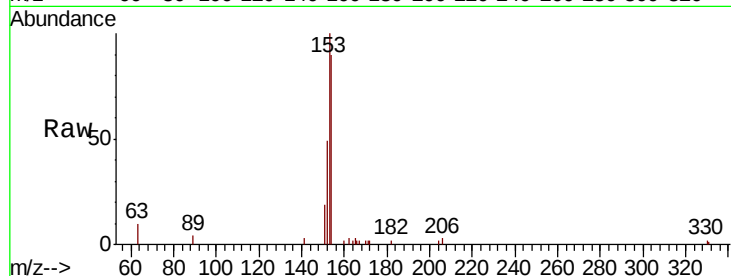
Tot Ion:154 Resp: 4274

Ion Ratio Lower Upper

154 100

153 110.3 87.0 130.4

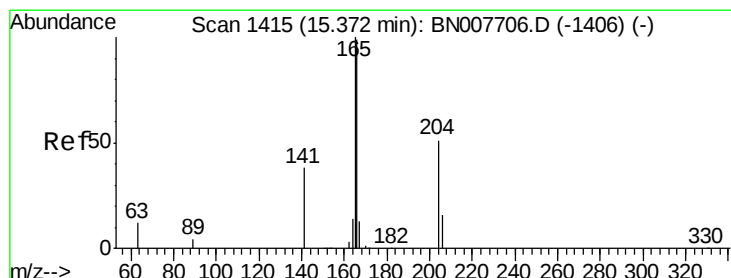
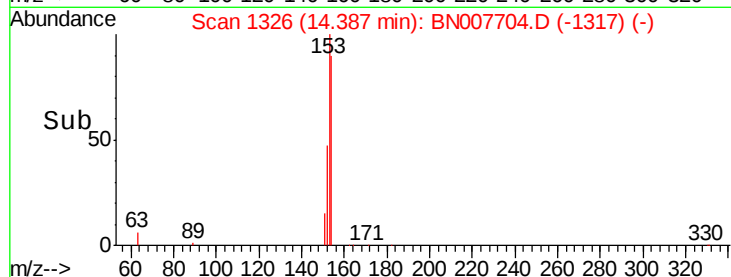
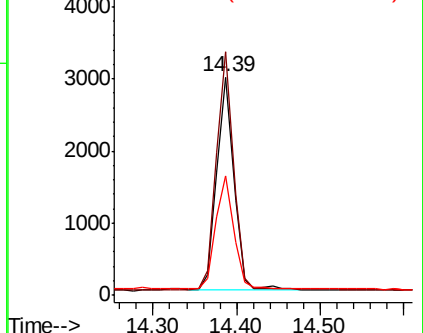
152 55.1 42.7 64.1



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: 0.100 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

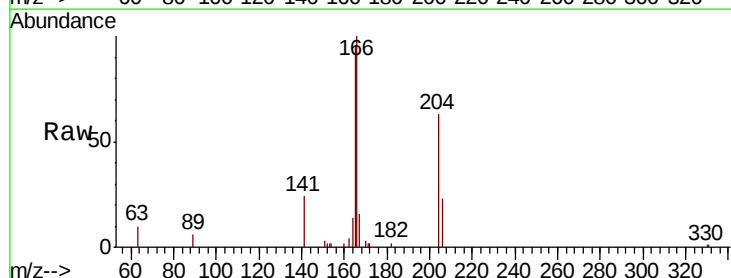
Tgt Ion:166 Resp: 5530

Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

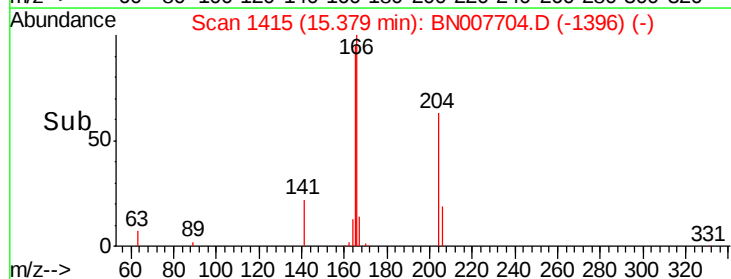
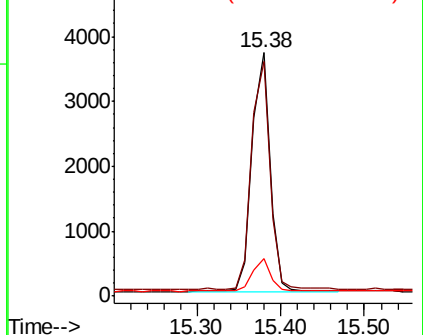
167 13.7 10.9 16.3



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: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampled :

DFTPP

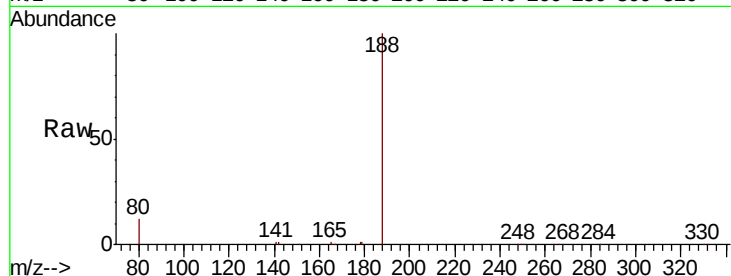
Tot Ion:188 Resp: 31360

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

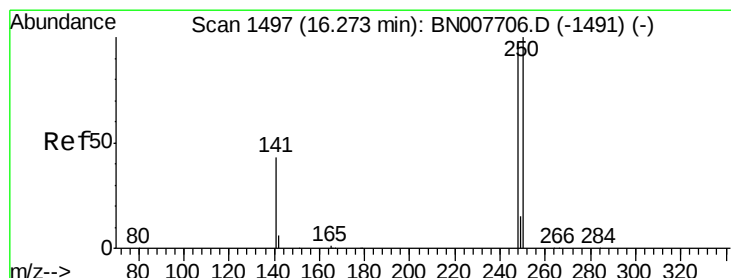
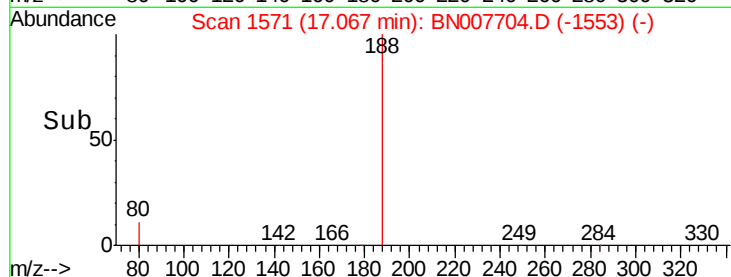
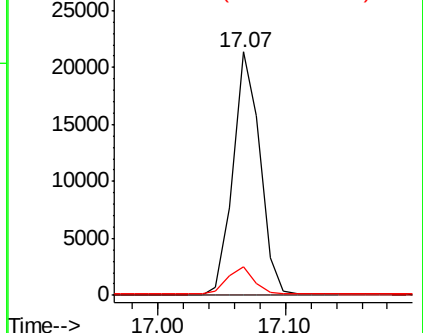
80 11.8 7.4 11.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.103 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

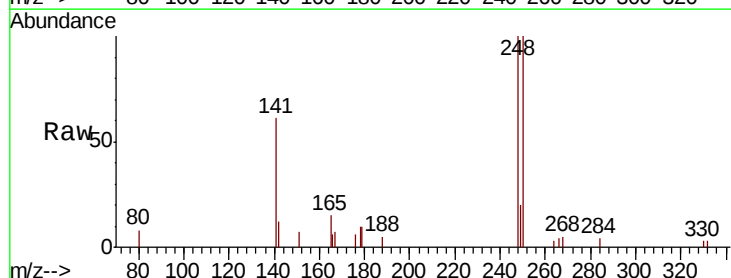
Tgt Ion:248 Resp: 1919

Ion Ratio Lower Upper

248 100

250 99.7 82.2 123.4

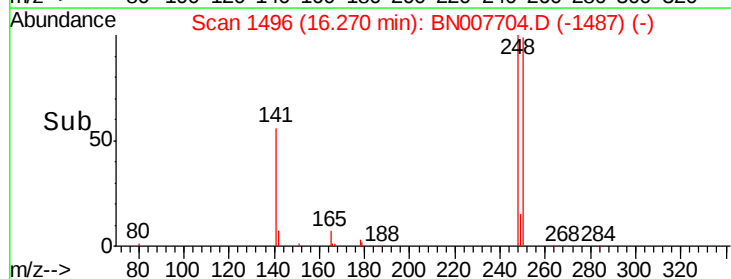
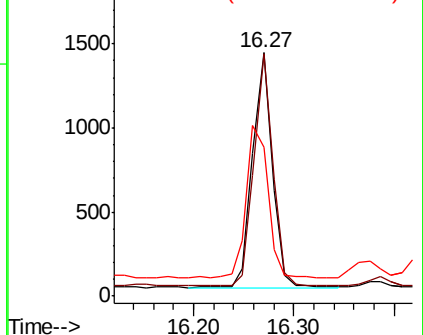
141 61.4 36.3 54.5#

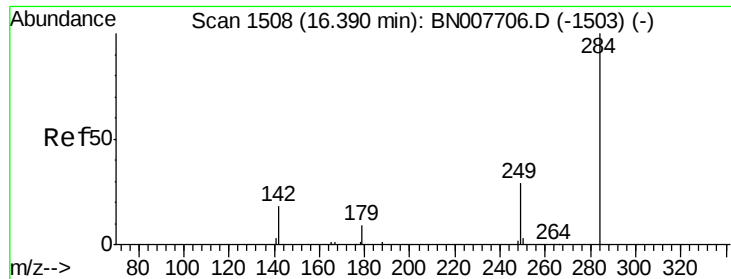


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.107 ng

RT: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

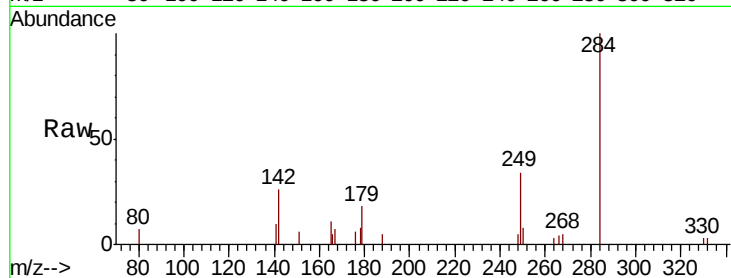
Tot Ion:284 Resp: 2085

Ion Ratio Lower Upper

284 100

142 34.4 25.8 38.6

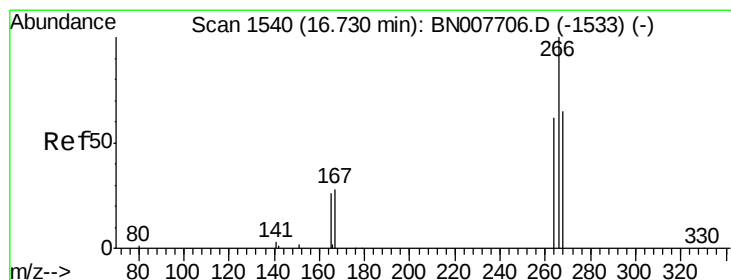
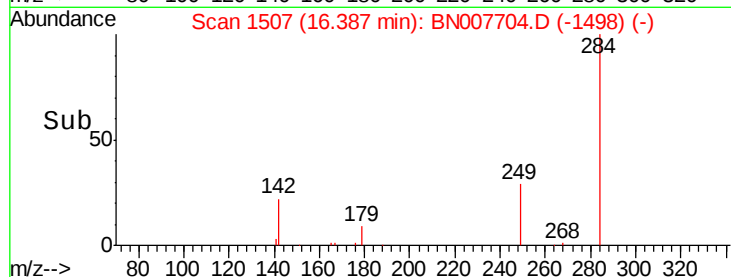
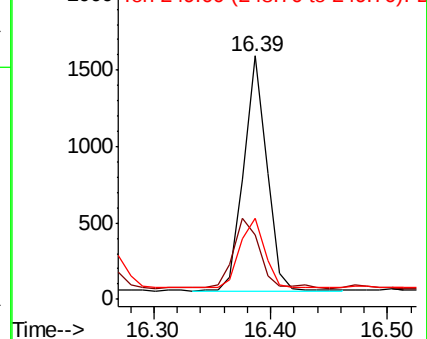
249 32.0 25.9 38.9



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: 0.121 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

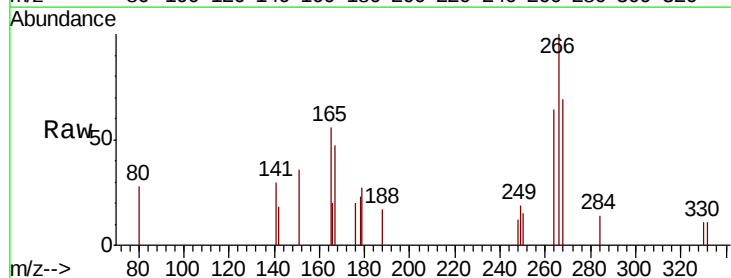
Tgt Ion:266 Resp: 655

Ion Ratio Lower Upper

266 100

264 64.3 50.0 75.0

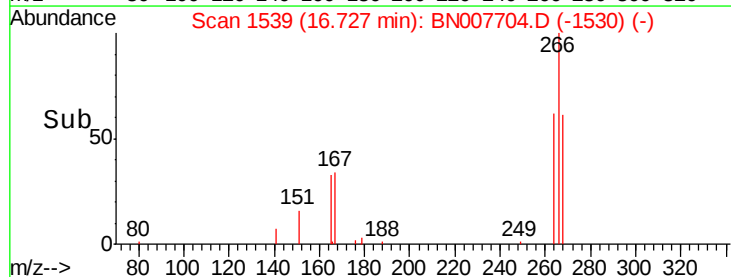
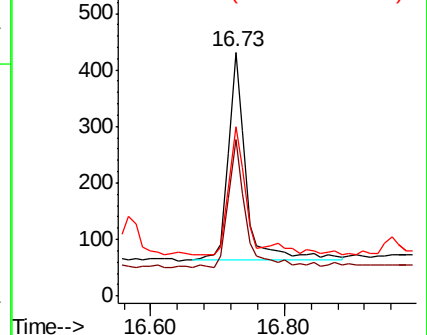
268 69.4 54.2 81.4

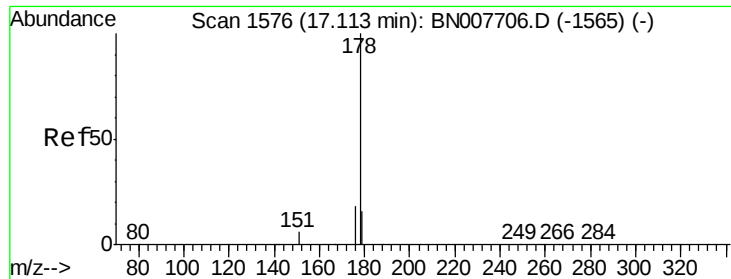


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.104 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

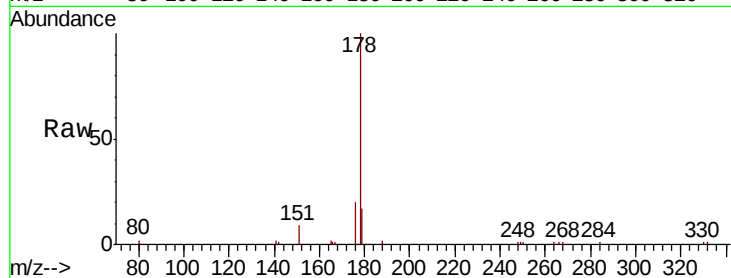
Tot Ion:178 Resp: 10064

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.8 12.5 18.7

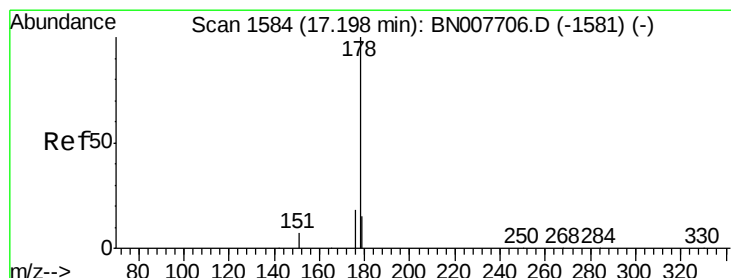
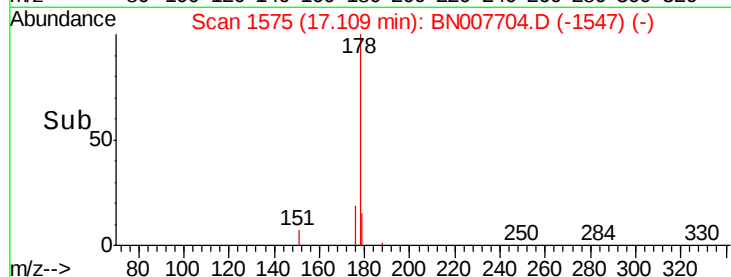
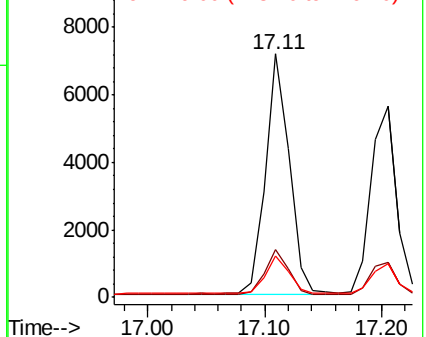


Abundance

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: 0.096 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

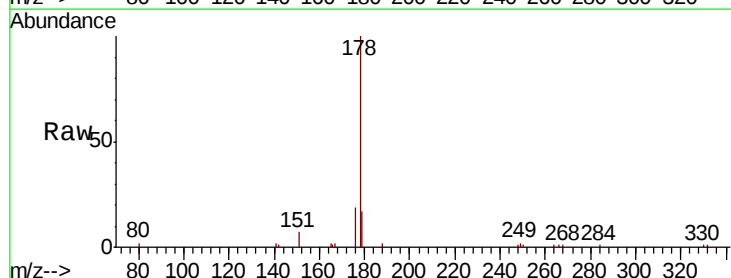
Tgt Ion:178 Resp: 8561

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

179 14.8 12.2 18.4

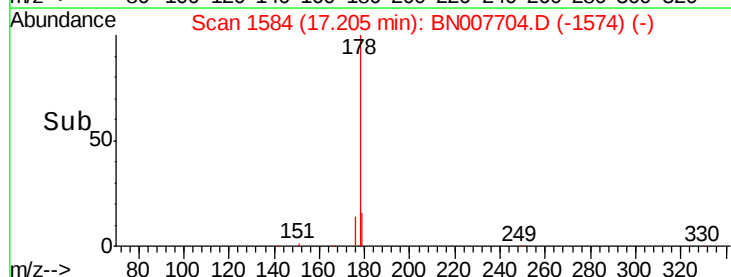
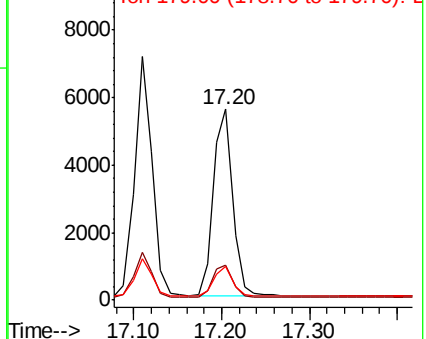


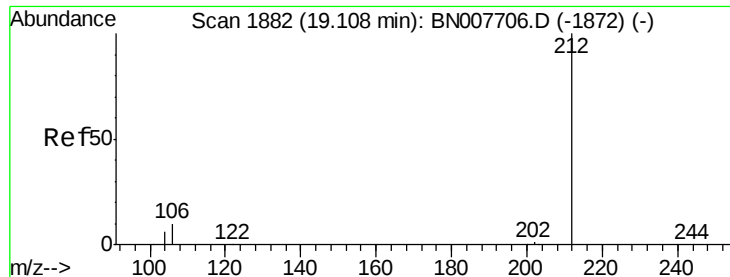
Abundance

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: 0.104 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

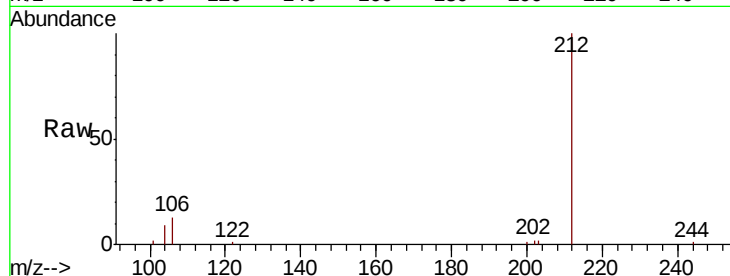
Tot Ion:212 Resp: 10572

Ion Ratio Lower Upper

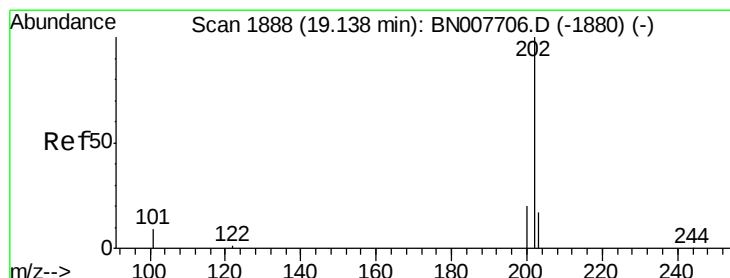
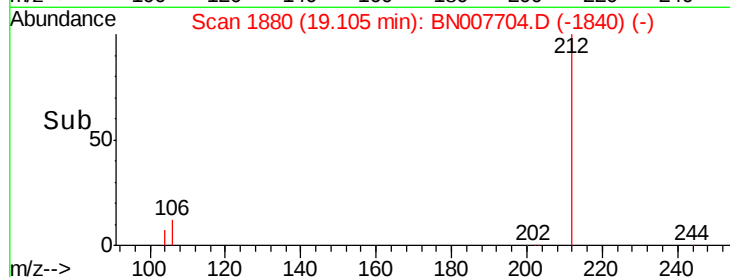
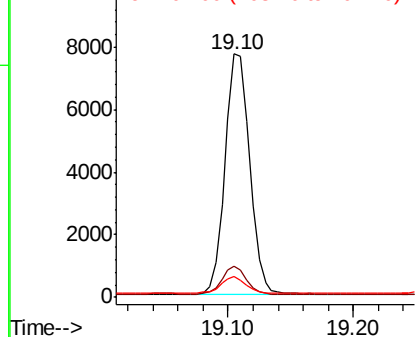
212 100

106 11.5 9.4 14.0

104 7.0 5.3 7.9



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: 0.106 ng

RT: 19.14 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

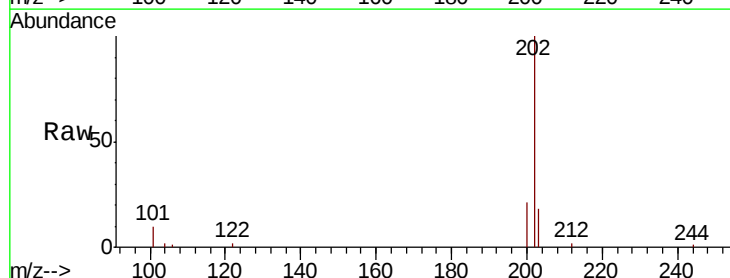
Tgt Ion:202 Resp: 12447

Ion Ratio Lower Upper

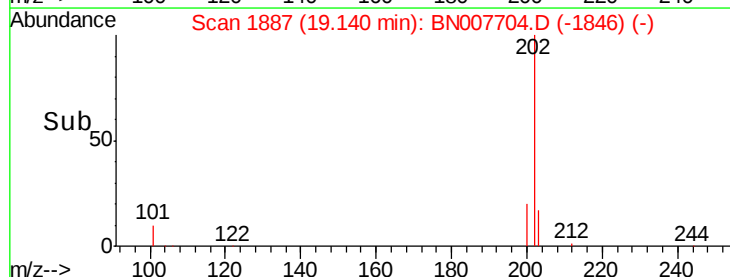
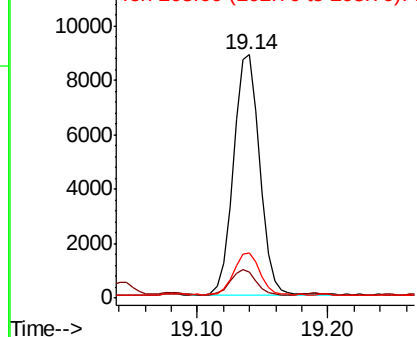
202 100

101 10.3 8.4 12.6

203 17.2 13.8 20.8



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

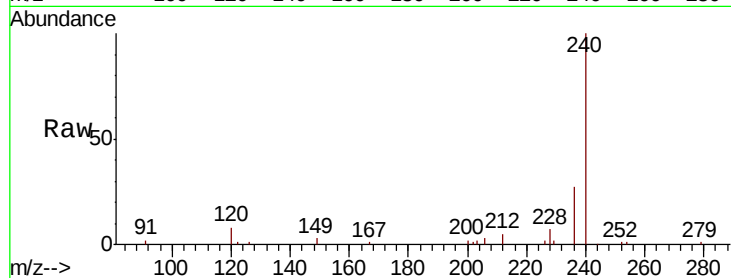




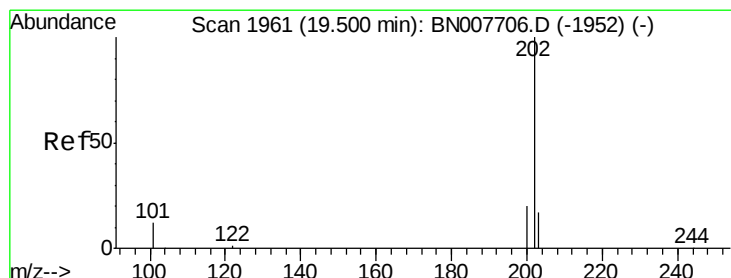
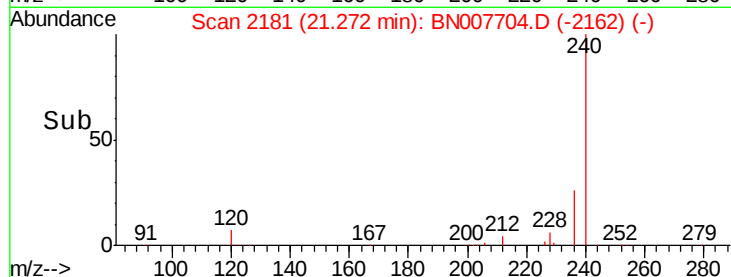
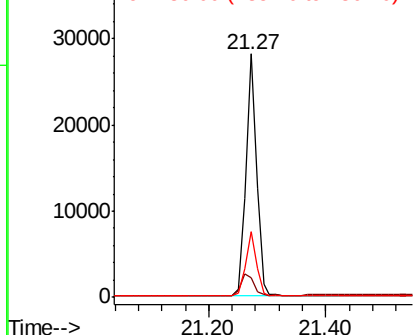
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tot Ion:240 Resp: 35393
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.2
236 26.8 21.0 31.4

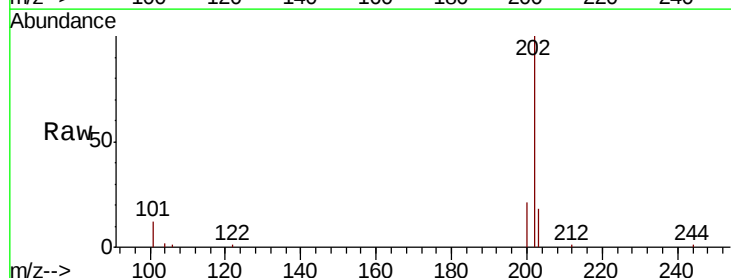


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

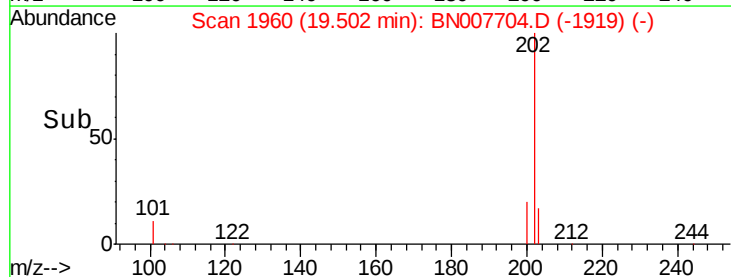
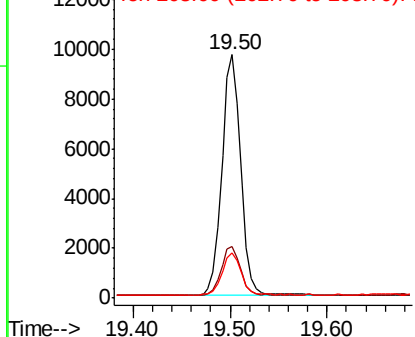


#28
Pyrene
Concen: 0.102 ng
RT: 19.50 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Tgt Ion:202 Resp: 12927
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.7 14.1 21.1



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: 0.099 ng

RT: 19.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

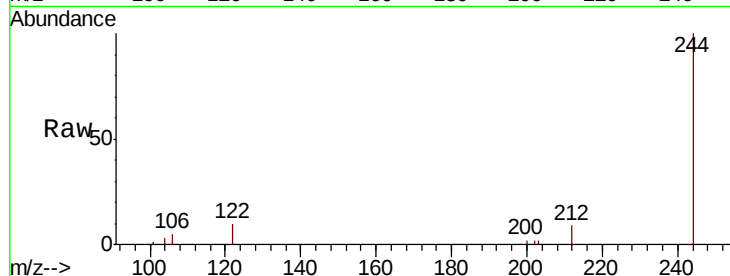
Tot Ion:244 Resp: 9123

Ion Ratio Lower Upper

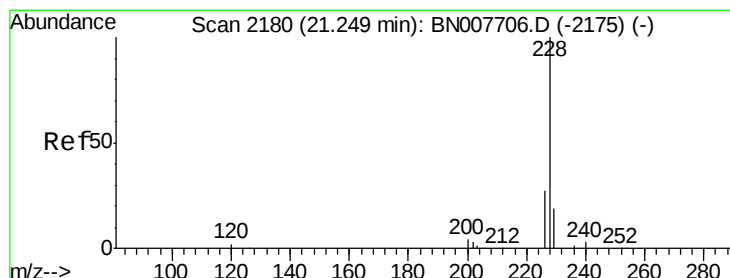
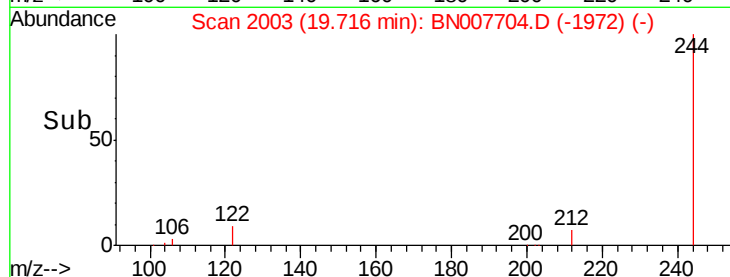
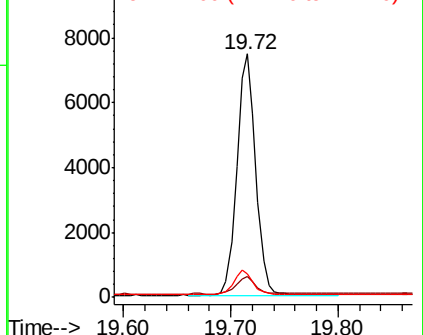
244 100

212 8.6 5.9 8.9

122 9.9 7.4 11.2



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: 0.106 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

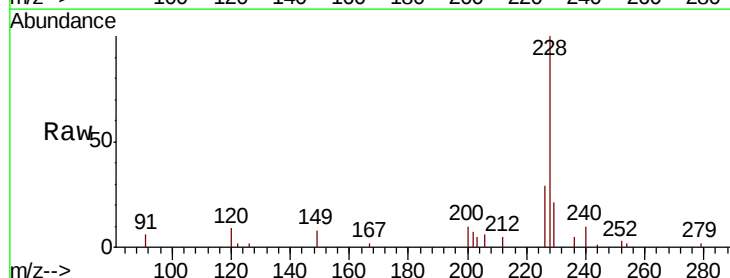
Tgt Ion:228 Resp: 13429

Ion Ratio Lower Upper

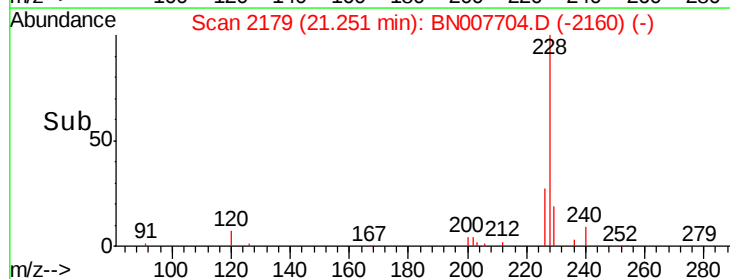
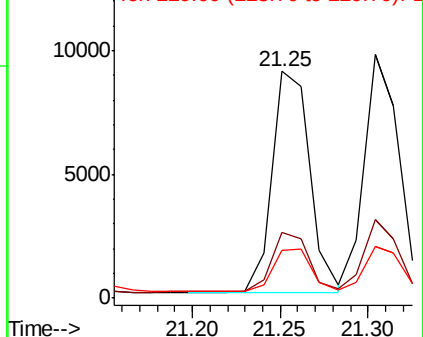
228 100

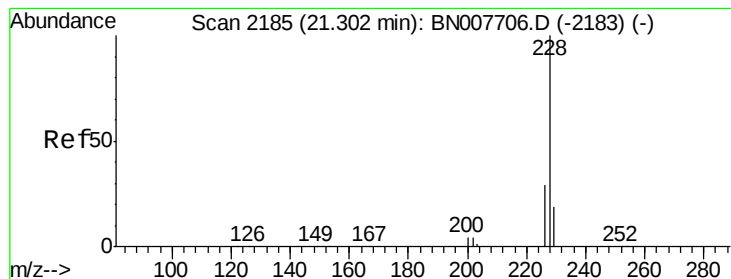
226 29.0 22.1 33.1

229 21.3 15.8 23.6



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: 0.101 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

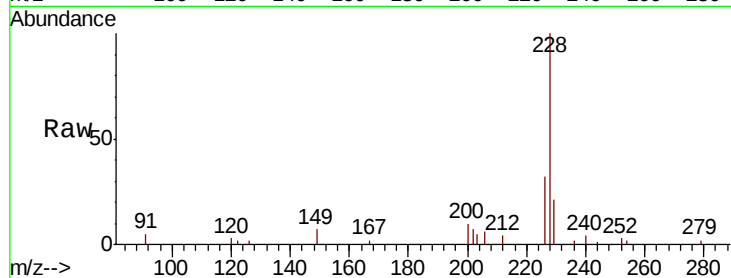
Tot Ion:228 Resp: 13043

Ion Ratio Lower Upper

228 100

226 32.4 23.9 35.9

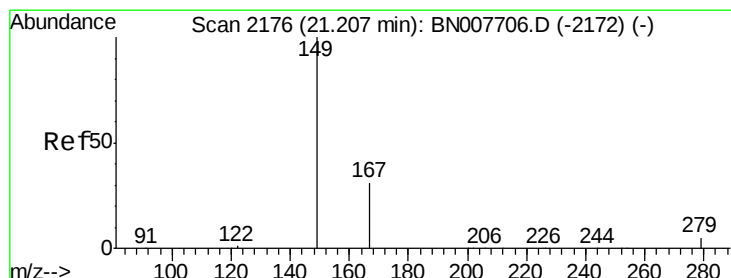
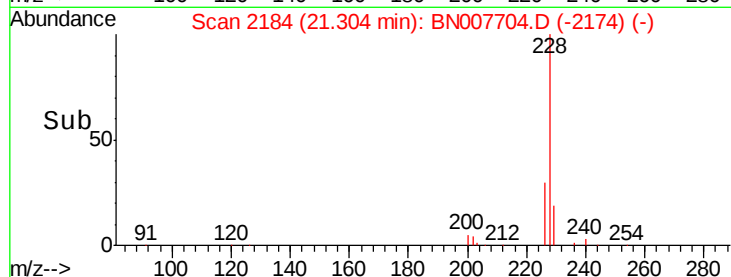
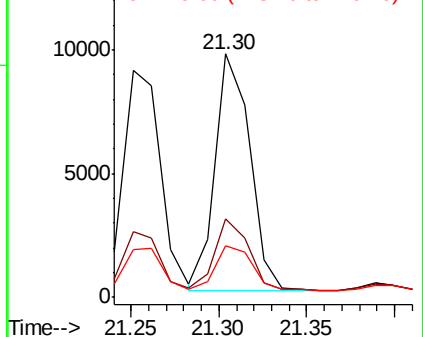
229 21.4 15.8 23.6



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: 0.216 ng

RT: 21.21 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

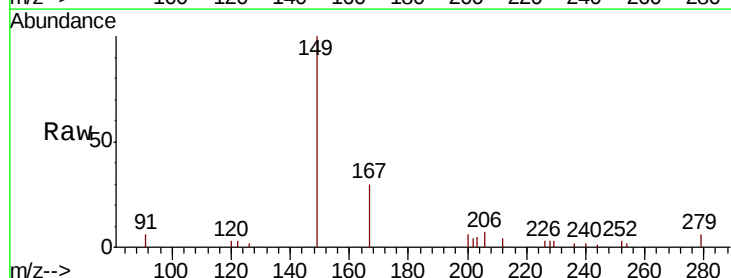
Tgt Ion:149 Resp: 9340

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

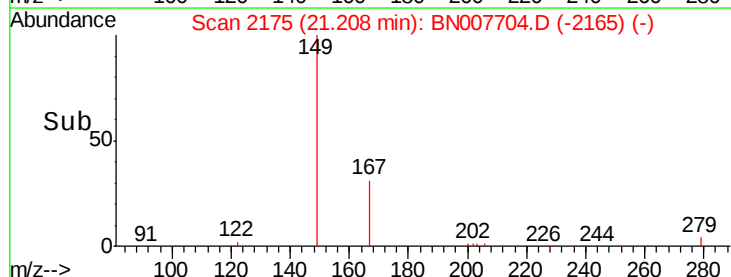
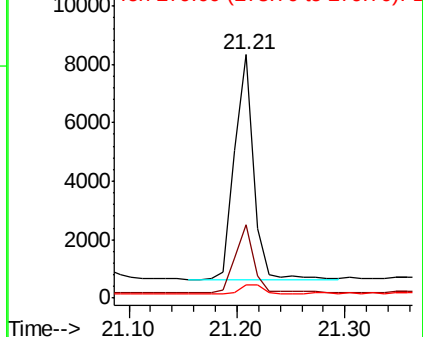
279 5.6 4.2 6.2



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: 0.125 ng

RT: 25.72 min Scan# 3254

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

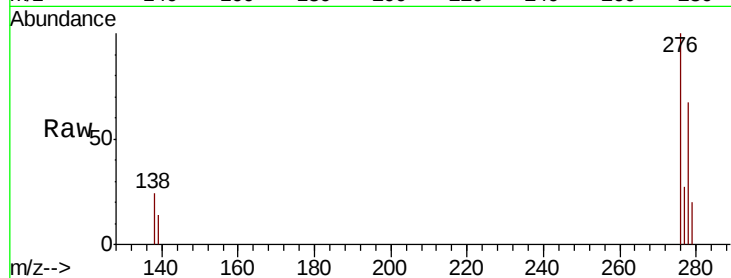
Tot Ion:276 Resp: 16981

Ion Ratio Lower Upper

276 100

138 23.9 17.1 25.7

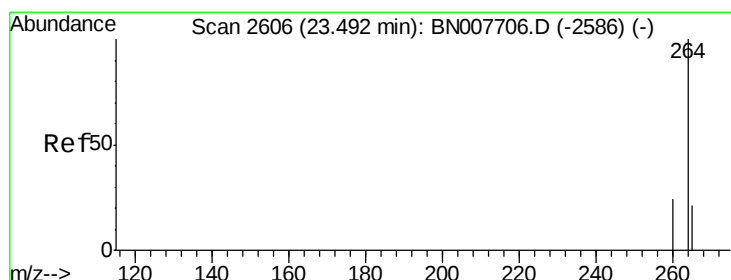
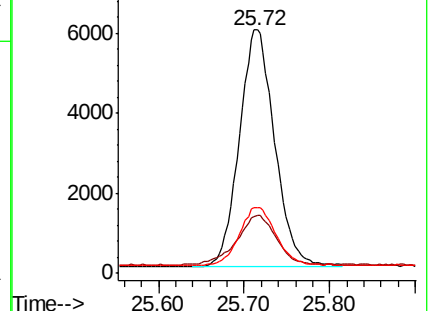
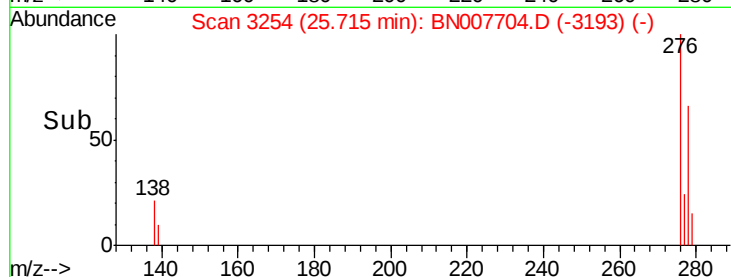
277 25.1 20.0 30.0



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: 23.50 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

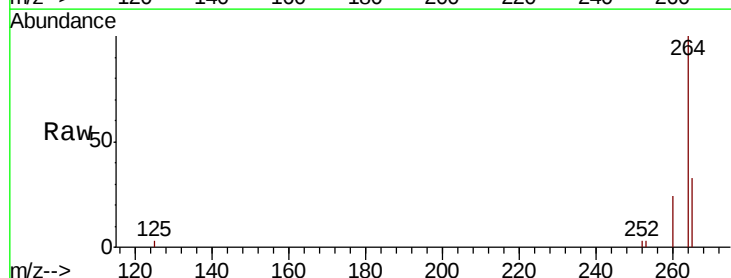
Tgt Ion:264 Resp: 41194

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

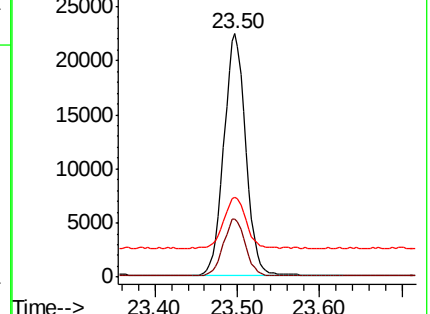
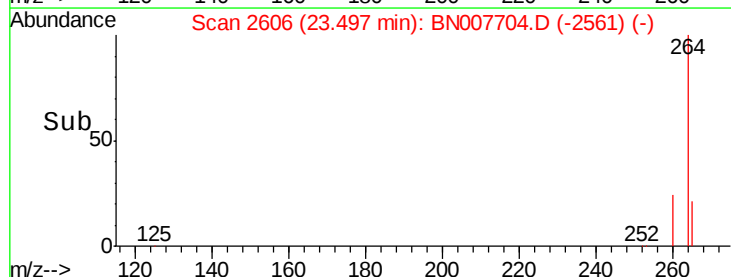
265 32.7 26.9 40.3



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

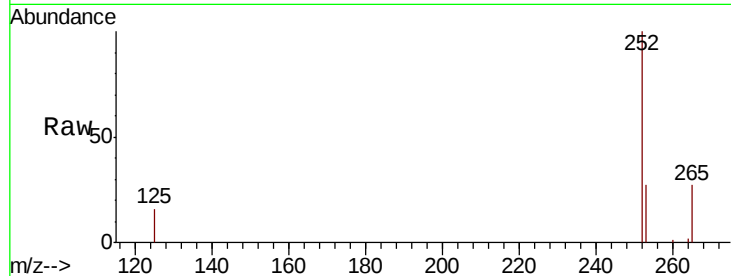




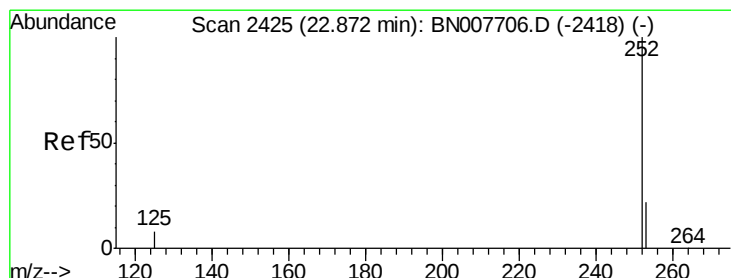
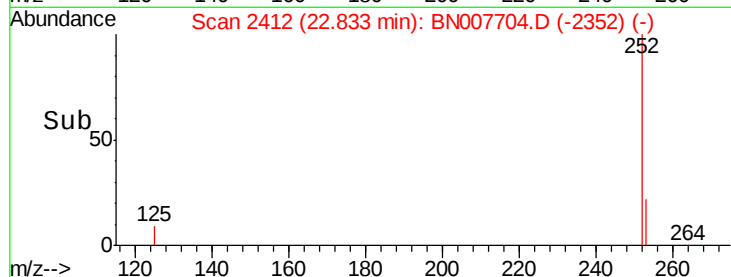
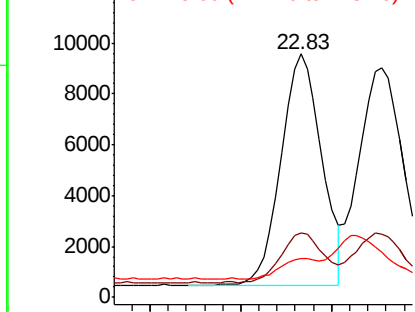
#35
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.83 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tot Ion:252 Resp: 14164
Ion Ratio Lower Upper
252 100
253 26.5 18.3 27.5
125 16.0 8.2 12.4#

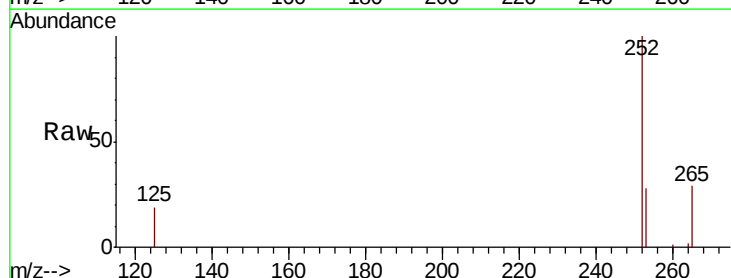


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

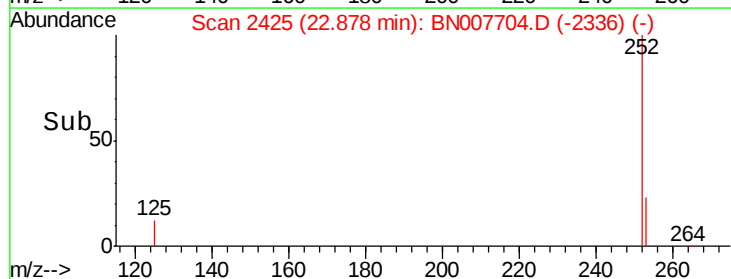
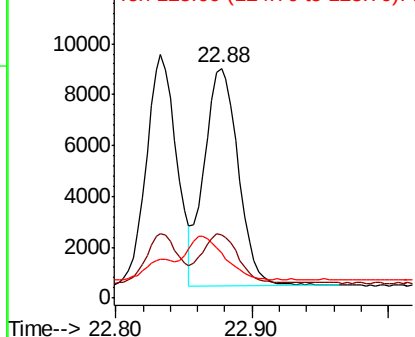


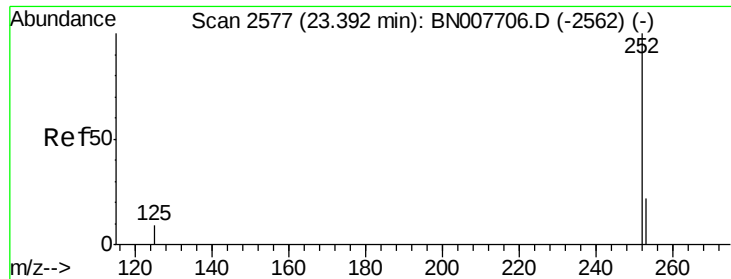
#36
Benzo(k)fluoranthene
Concen: 0.102 ng
RT: 22.88 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BN007704.D
Acq: 18 Sep 2019 14:13

Tgt Ion:252 Resp: 14788
Ion Ratio Lower Upper
252 100
253 27.7 18.5 27.7
125 19.4 8.4 12.6#



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





#37

Benzo(a)pyrene

Concen: 0.106 ng

RT: 23.40 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

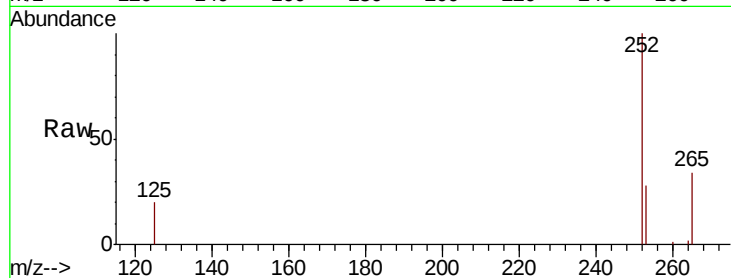
Tot Ion:252 Resp: 13851

Ion Ratio Lower Upper

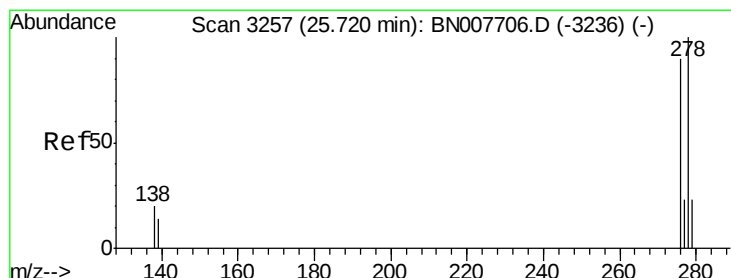
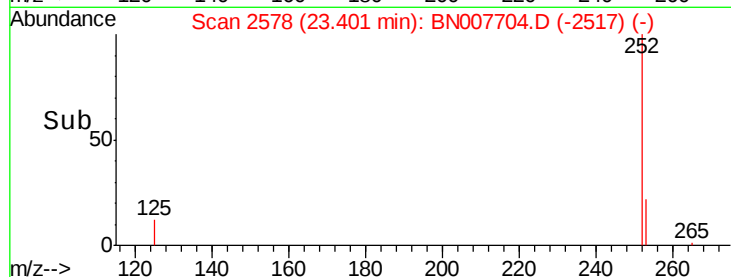
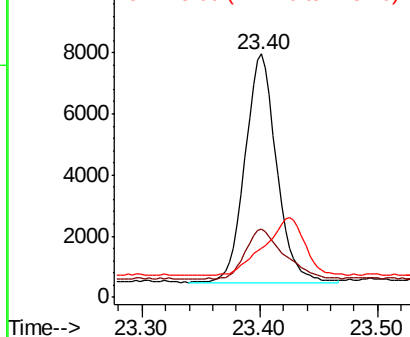
252 100

253 27.9 18.6 27.8#

125 20.2 9.4 14.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.106 ng

RT: 25.73 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

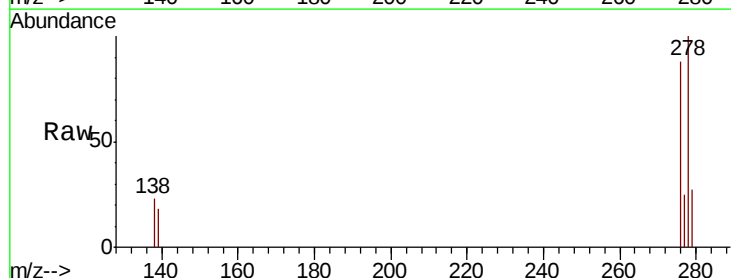
Tgt Ion:278 Resp: 13903

Ion Ratio Lower Upper

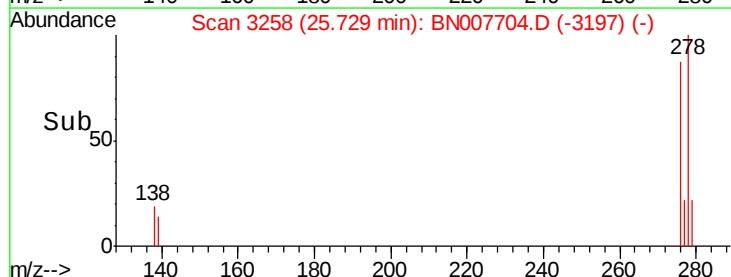
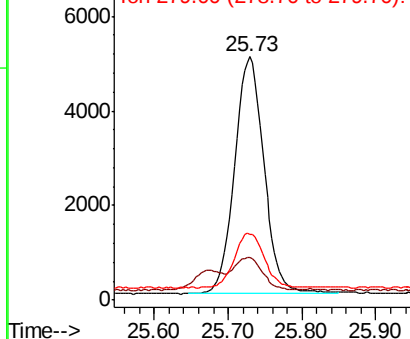
278 100

139 17.6 11.8 17.6

279 27.1 19.4 29.2



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: 0.104 ng

RT: 26.39 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BN007704.D

Acq: 18 Sep 2019 14:13

Instrument :

BNA_N

ClientSampleId :

DFTPP

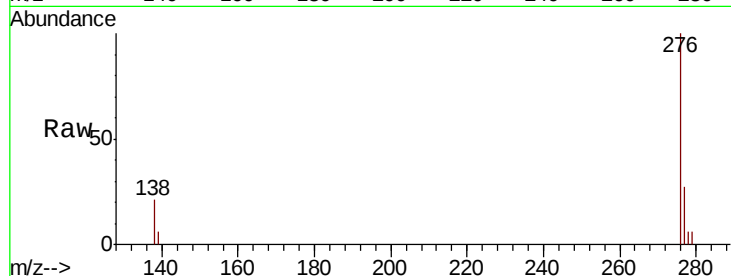
Tot Ion: 276 Resp: 13793

Ion Ratio Lower Upper

276 100

277 26.7 19.8 29.8

138 21.4 15.1 22.7



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

