

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007706.D
 Acq On : 18 Sep 2019 15:25
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

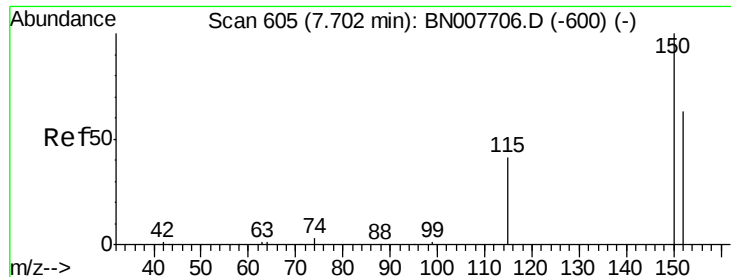
Quant Time: Sep 18 16:44:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5212	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	20514	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12974	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	29872	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35096	0.40	ng	0.00
34) Perylene-d12	23.49	264	39512	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	6242	0.39	ng	0.00
5) Phenol-d6	6.87	99	8104	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	6966	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	13364	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2365	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	19824	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	39813	0.41	ng	0.00
29) Terphenyl-d14	19.71	244	33312	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1965	0.357	ng	# 74
3) n-Nitrosodimethylamine	3.01	42	1617	0.519	ng	99
6) bis(2-Chloroethyl)ether	7.15	93	5201	0.506	ng	100
9) Naphthalene	10.52	128	22882	0.397	ng	100
10) Hexachlorobutadiene	10.82	225	4875	0.421	ng	# 100
12) 2-Methylnaphthalene	12.14	142	15125	0.374	ng	100
16) Acenaphthylene	14.05	152	24754	0.355	ng	100
17) Acenaphthene	14.39	154	16221	0.369	ng	100
18) Fluorene	15.37	166	20842	0.360	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	7130	0.404	ng	100
21) Hexachlorobenzene	16.39	284	7845	0.422	ng	100
22) Pentachlorophenol	16.73	266	2548	0.493	ng	100
23) Phenanthrene	17.11	178	36744	0.399	ng	100
24) Anthracene	17.20	178	32432	0.381	ng	100
26) Fluoranthene	19.14	202	45675	0.408	ng	100
28) Pyrene	19.50	202	46188	0.366	ng	100
30) Benzo(a)anthracene	21.25	228	49696	0.396	ng	100
31) Chrysene	21.30	228	49241	0.386	ng	100
32) Bis(2-ethylhexyl)phthalate	21.21	149	23833	0.555	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	61648	0.457	ng	100
35) Benzo(b)fluoranthene	22.83	252	51703	0.368	ng	100
36) Benzo(k)fluoranthene	22.87	252	52045	0.375	ng	100
37) Benzo(a)pyrene	23.39	252	48997	0.392	ng	100
38) Dibenzo(a,h)anthracene	25.72	278	50433	0.402	ng	100
39) Benzo(g,h,i)perylene	26.38	276	50084	0.394	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

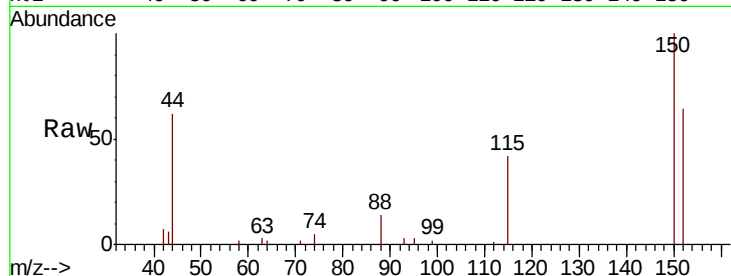
Tot Ion:152 Resp: 5212

Ion Ratio Lower Upper

152 100

150 157.0 125.6 188.4

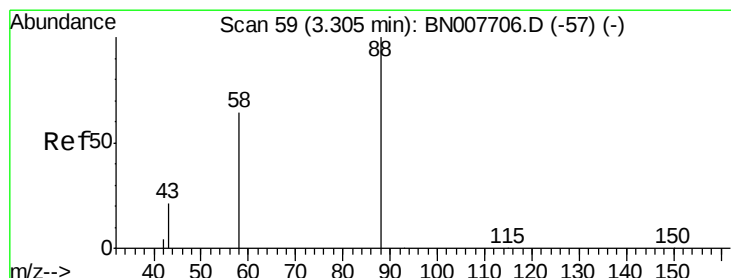
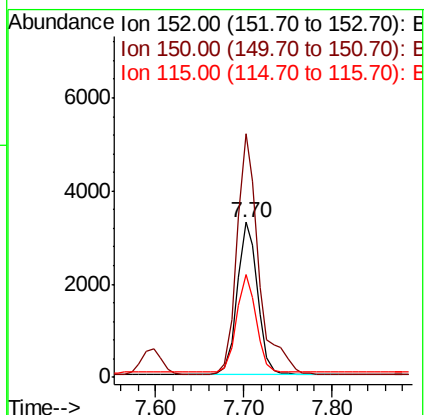
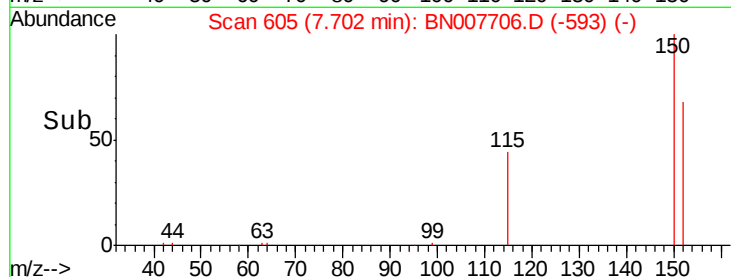
115 66.6 53.3 79.9



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: 0.357 ng

RT: 3.30 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

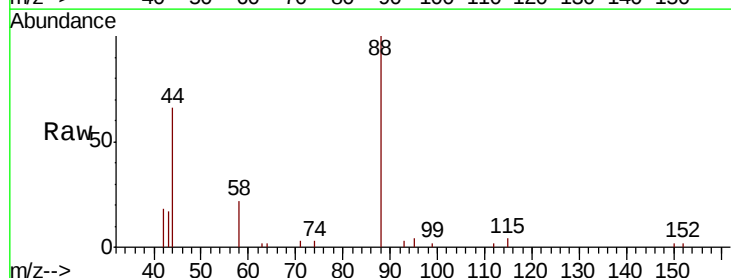
Tgt Ion: 88 Resp: 1965

Ion Ratio Lower Upper

88 100

58 74.9 44.6 66.8#

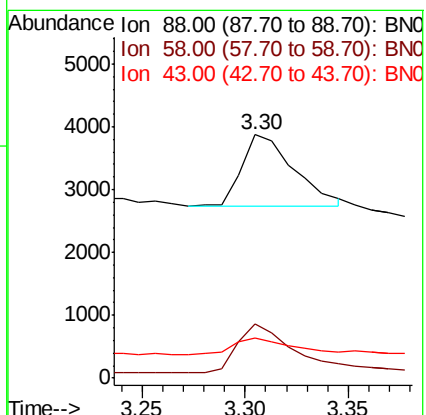
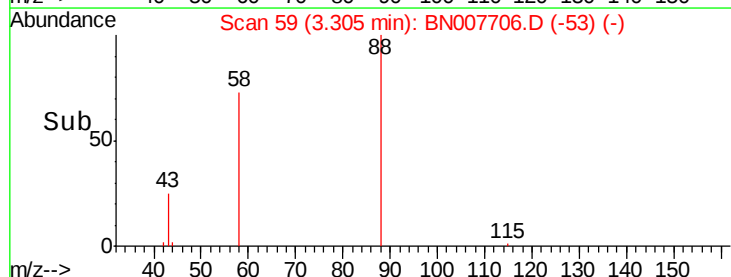
43 28.2 14.4 21.6#



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

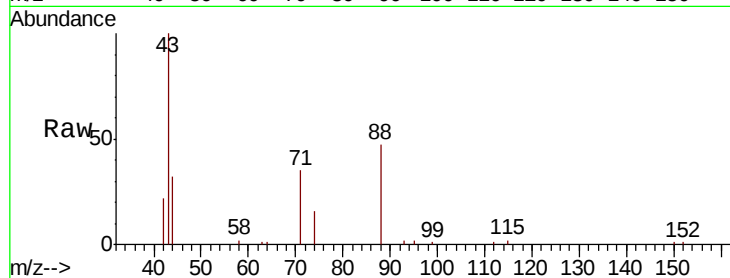




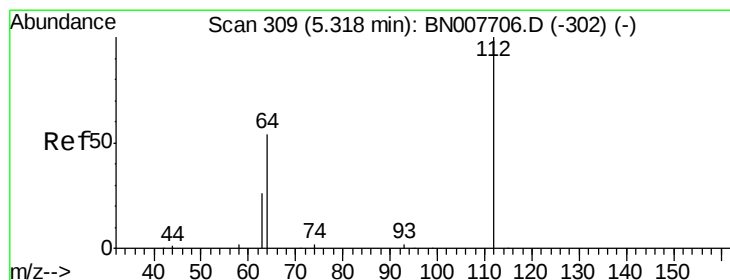
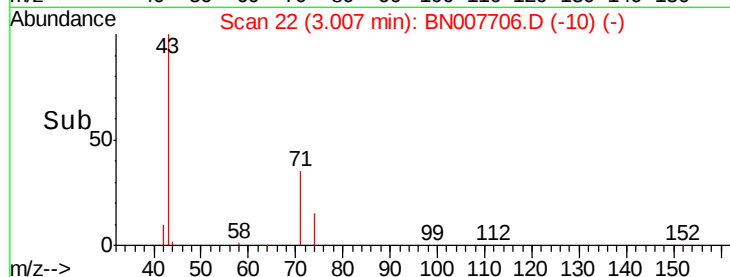
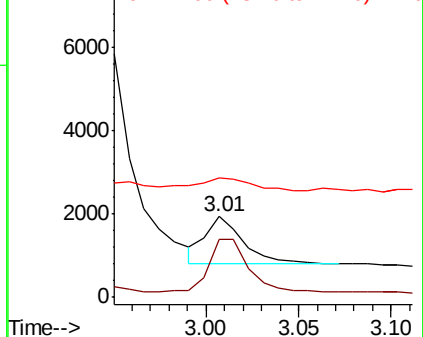
#3
n-Nitrosodimethylamine
Concen: 0.519 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion: 42 Resp: 1617
Ion Ratio Lower Upper
42 100
74 109.2 87.9 131.9
44 37.5 29.4 44.0

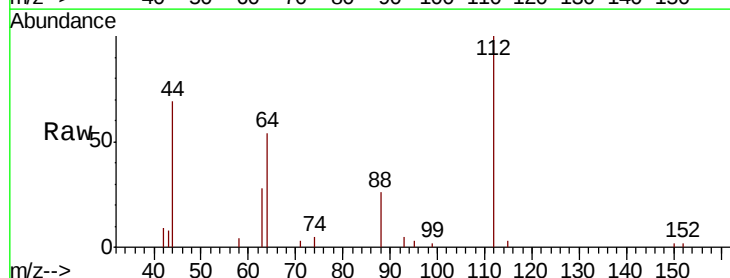


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

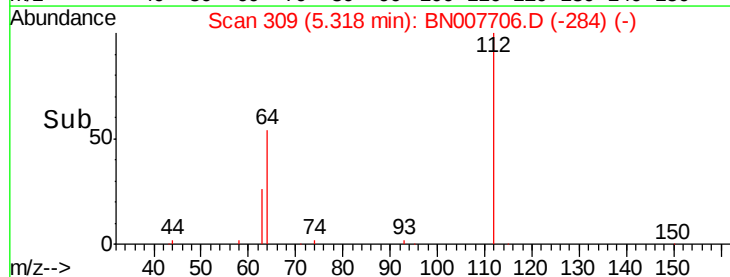
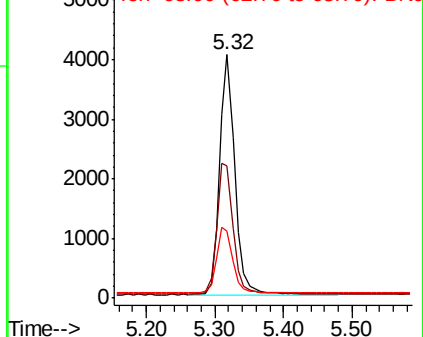


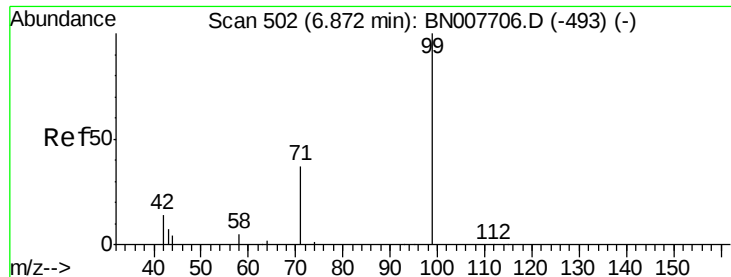
#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

Tgt Ion: 112 Resp: 6242
Ion Ratio Lower Upper
112 100
64 58.3 46.6 70.0
63 28.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.333 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

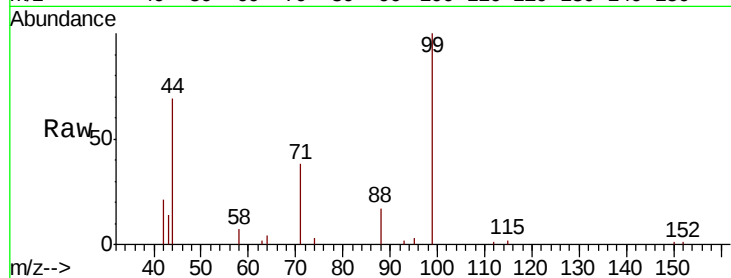
Tot Ion: 99 Resp: 8104

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

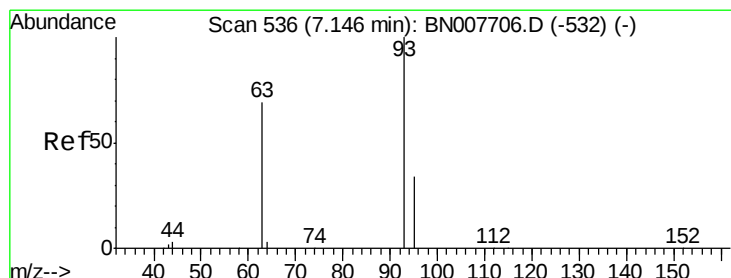
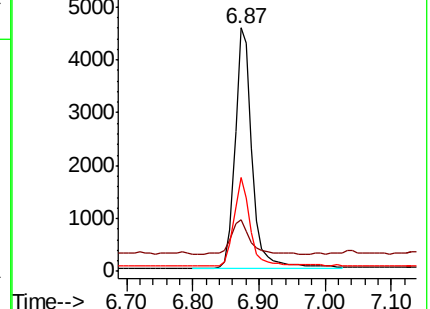
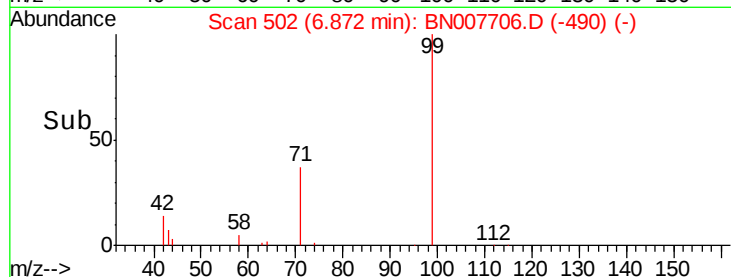
71 34.5 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.506 ng

RT: 7.15 min Scan# 536

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

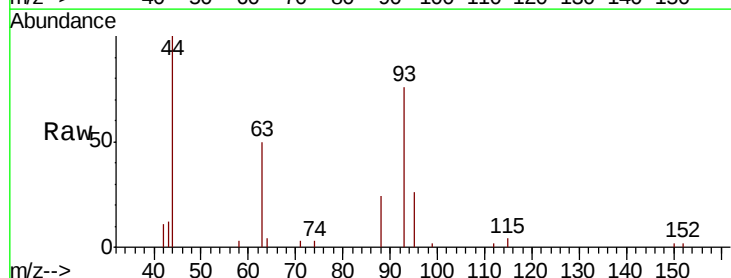
Tgt Ion: 93 Resp: 5201

Ion Ratio Lower Upper

93 100

63 74.1 59.3 88.9

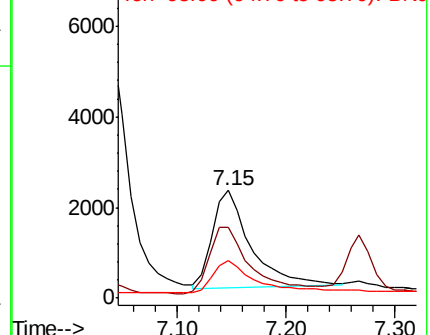
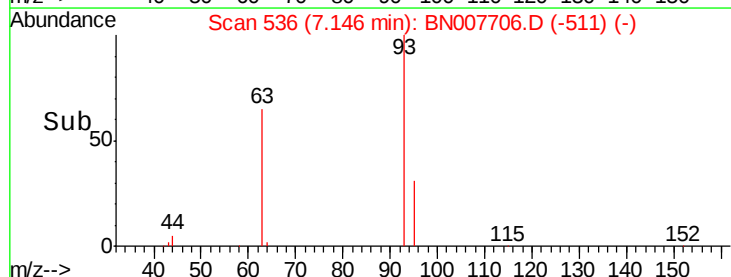
95 39.2 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 20514

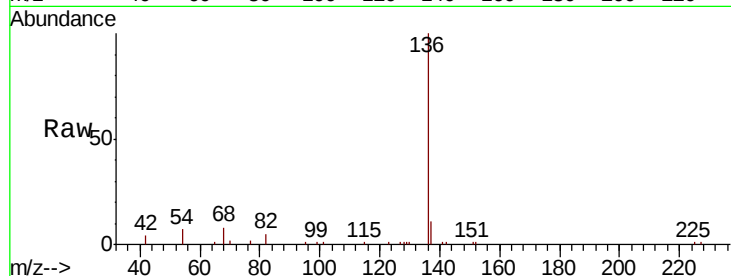
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.3 5.8 8.8

68 8.1 6.5 9.7

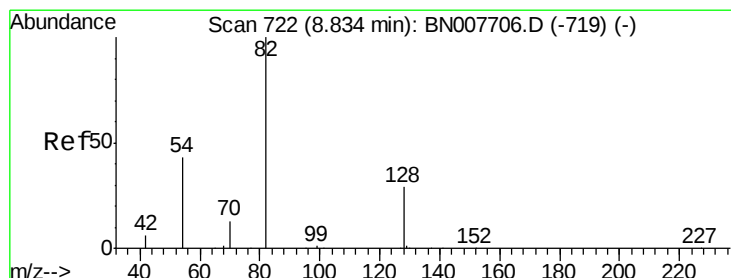
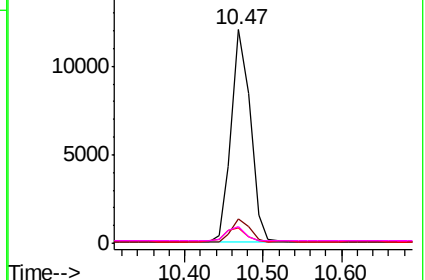
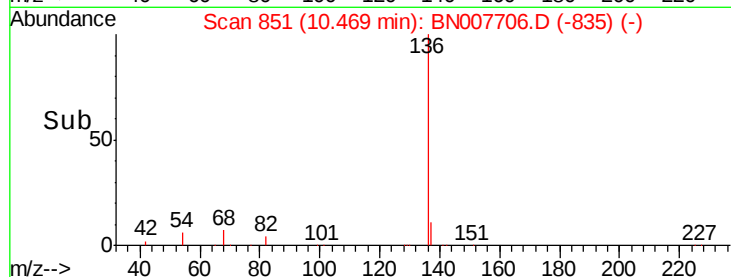


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.557 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

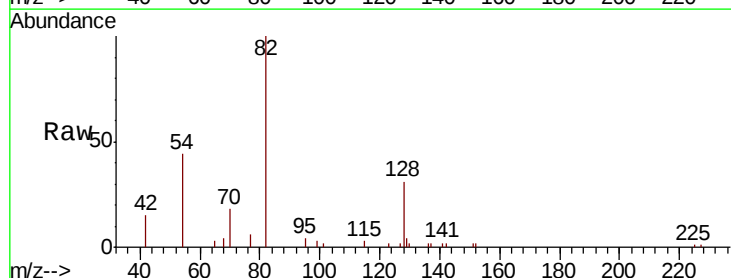
Tgt Ion: 82 Resp: 6966

Ion Ratio Lower Upper

82 100

128 30.6 24.5 36.7

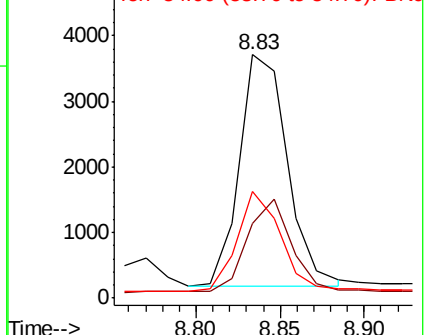
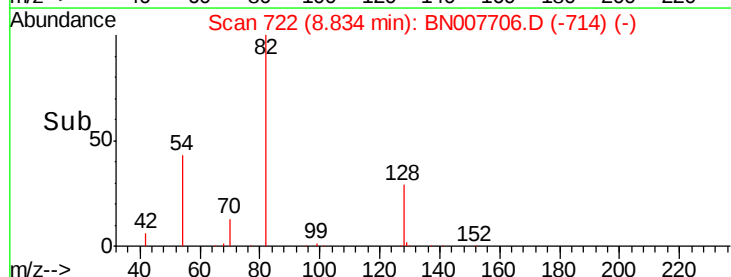
54 44.0 35.2 52.8

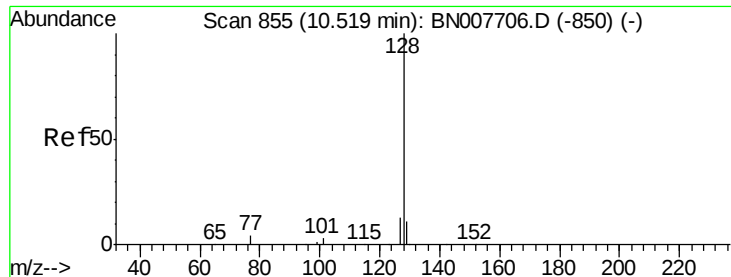


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.397 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

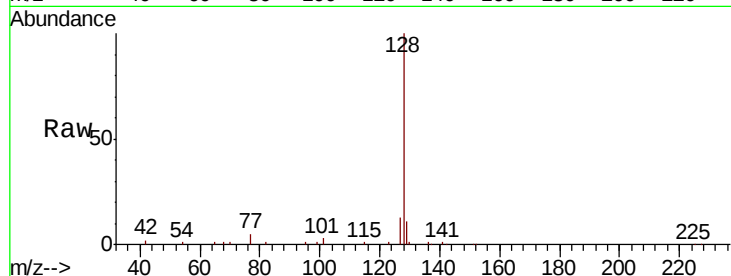
Tot Ion:128 Resp: 22882

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

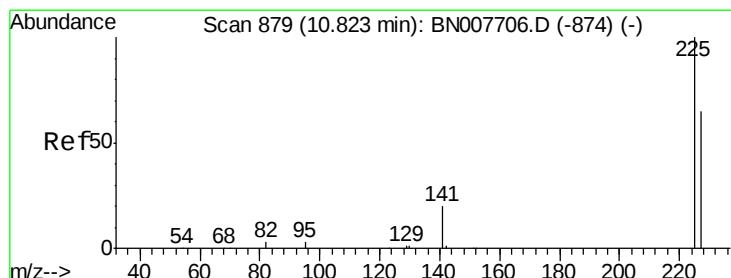
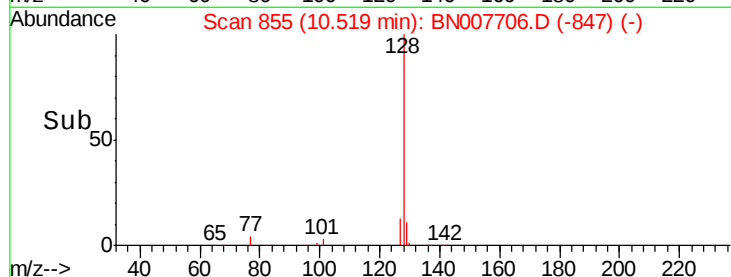
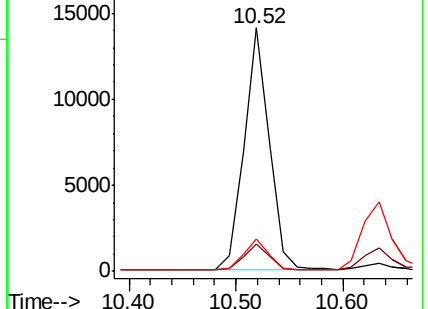
127 13.2 10.6 15.8



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: 0.421 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

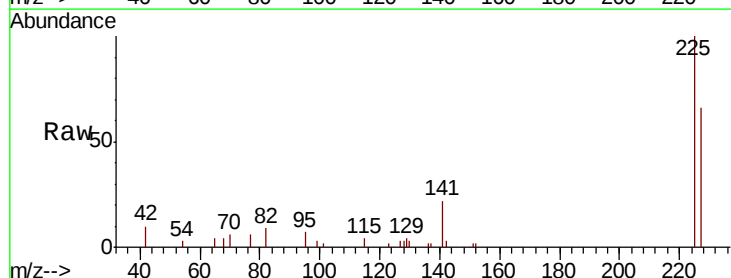
Tgt Ion:225 Resp: 4875

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

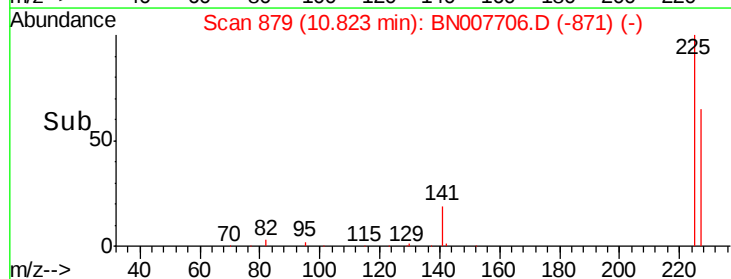
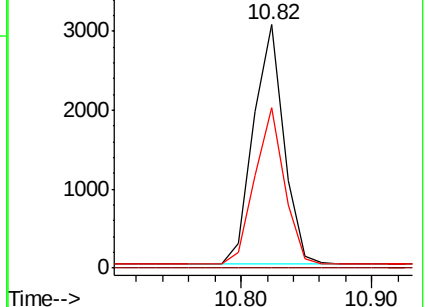
227 64.0 51.2 76.8

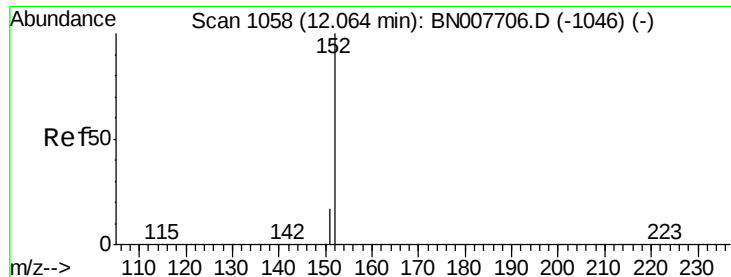


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

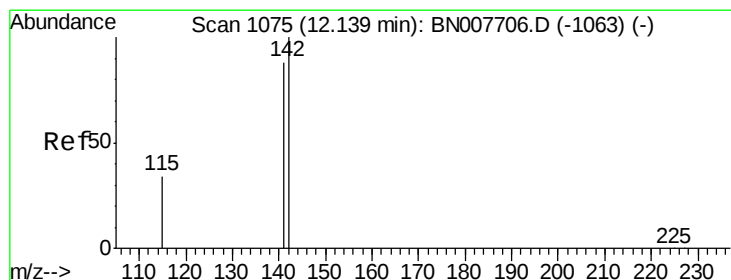
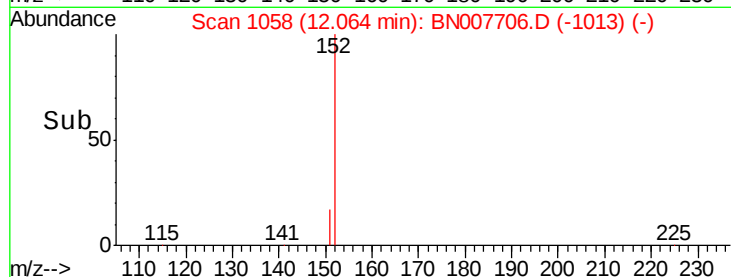
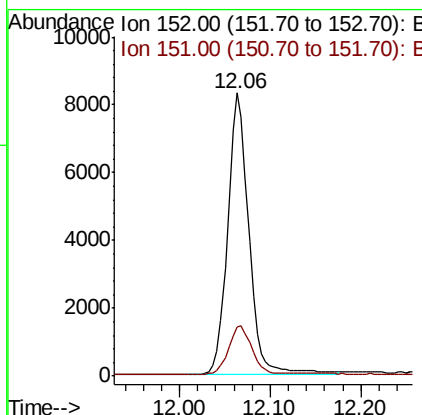
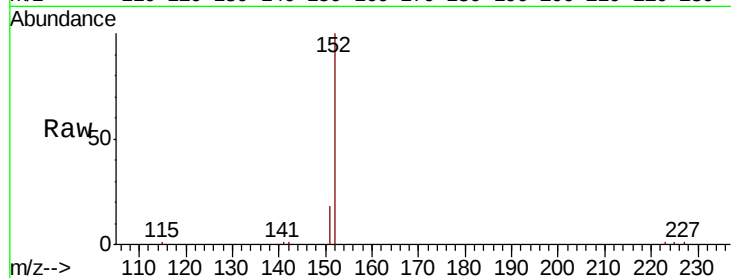




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

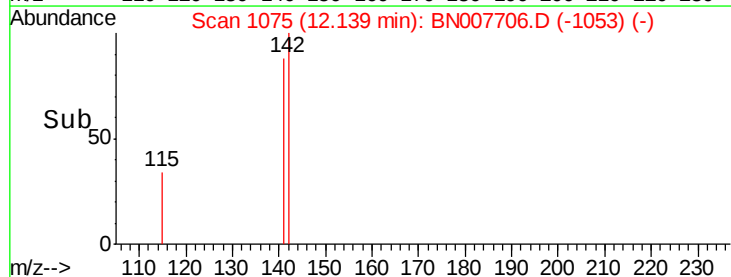
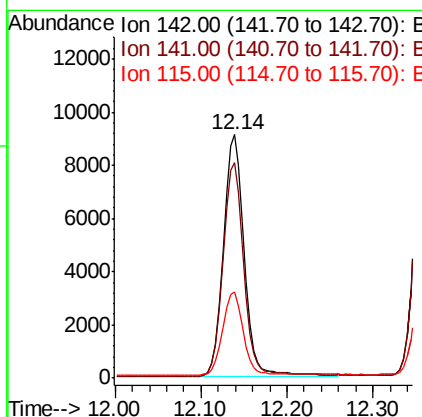
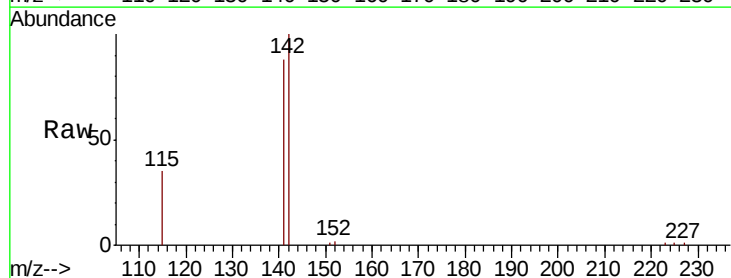
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 13364
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.14 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

Tgt Ion:142 Resp: 15125
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 35.4 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

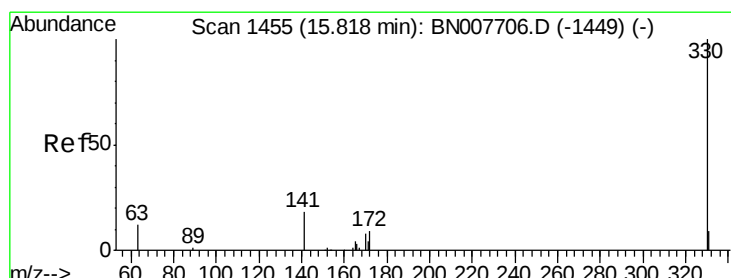
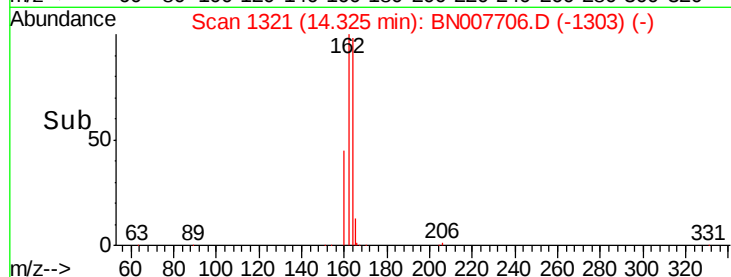
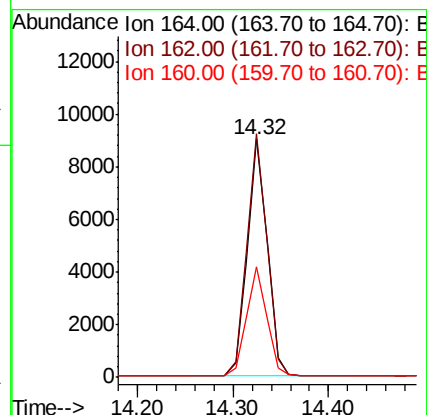
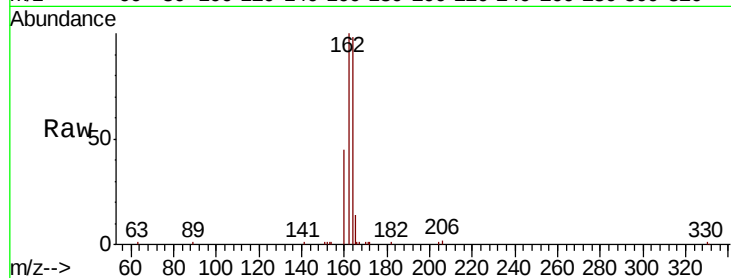
Tot Ion:164 Resp: 12974

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

160 46.2 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.480 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

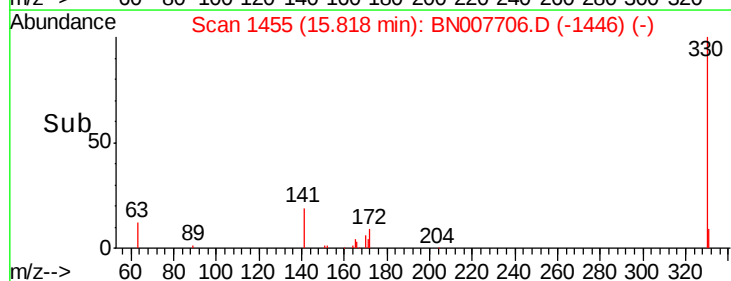
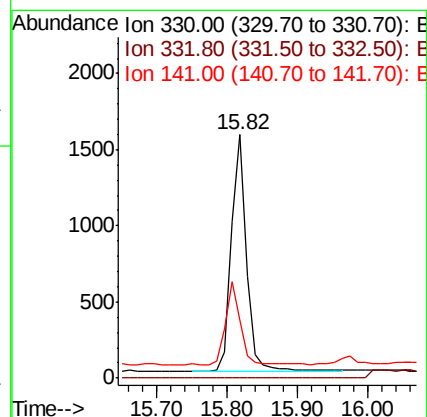
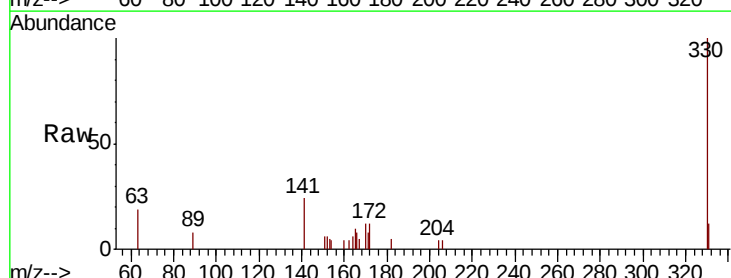
Tgt Ion:330 Resp: 2365

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.9 28.7 43.1

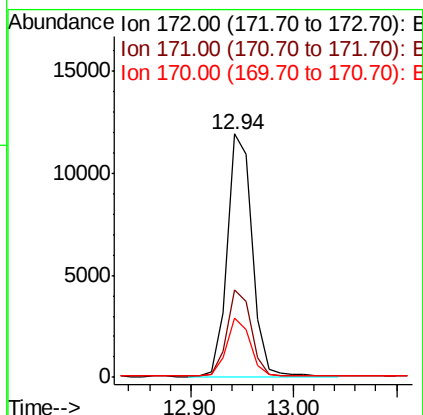
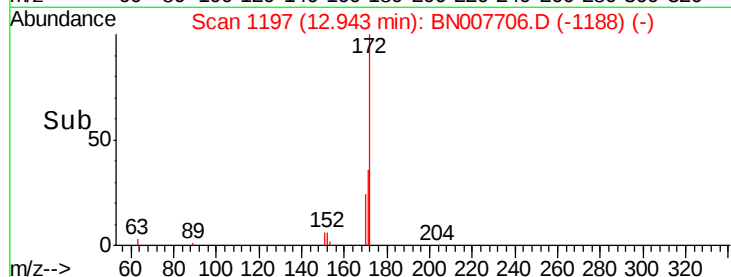
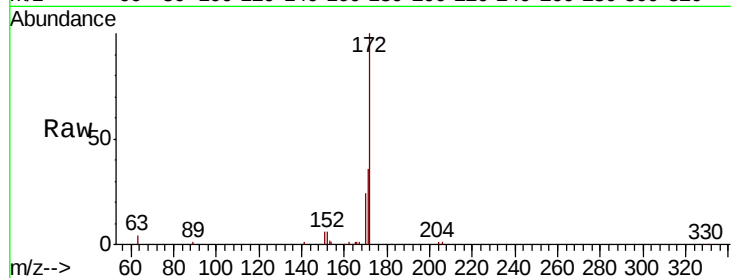




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

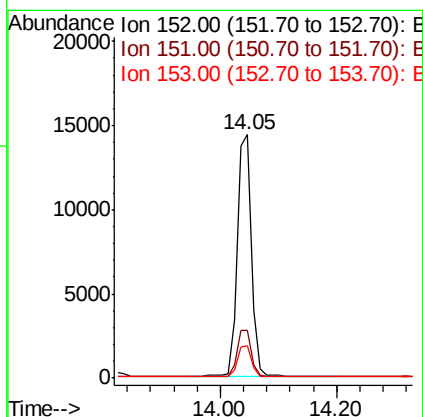
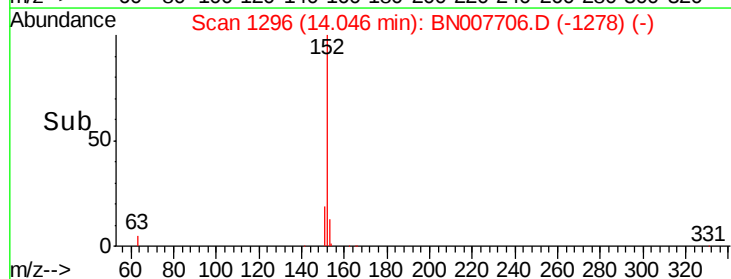
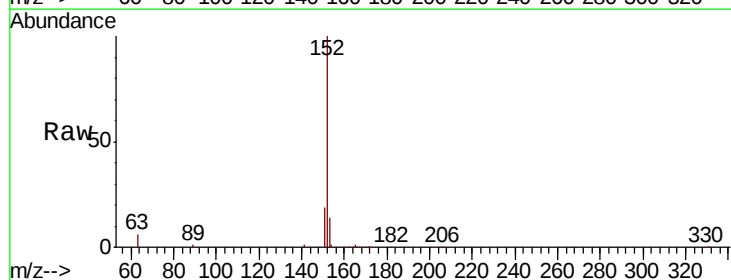
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 19824
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

Tgt Ion:152 Resp: 24754
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.39 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

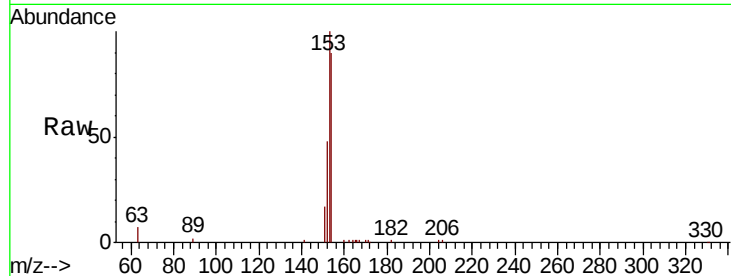
Tot Ion:154 Resp: 16221

Ion Ratio Lower Upper

154 100

153 108.7 87.0 130.4

152 53.4 42.7 64.1

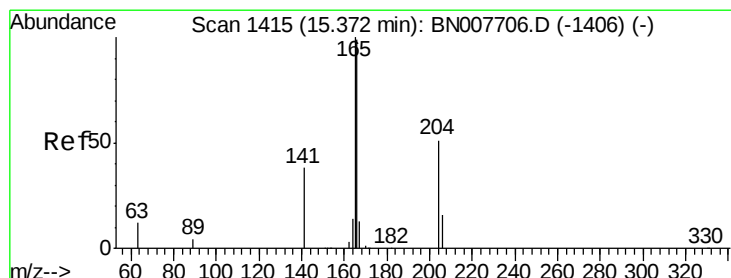
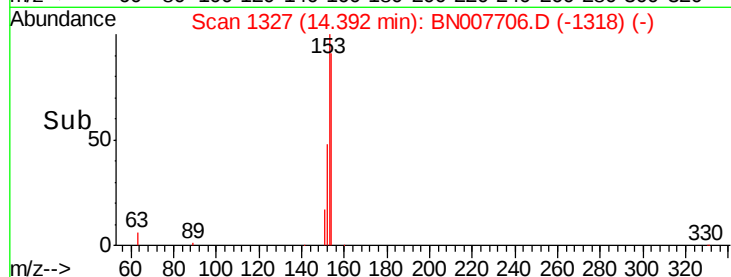
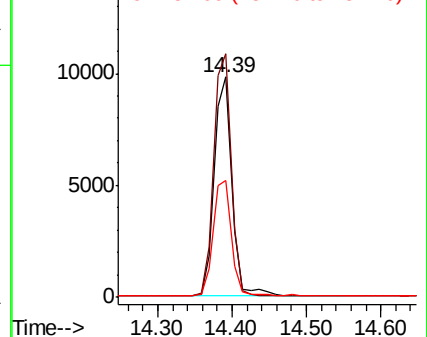


Abundance

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: 0.360 ng

RT: 15.37 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

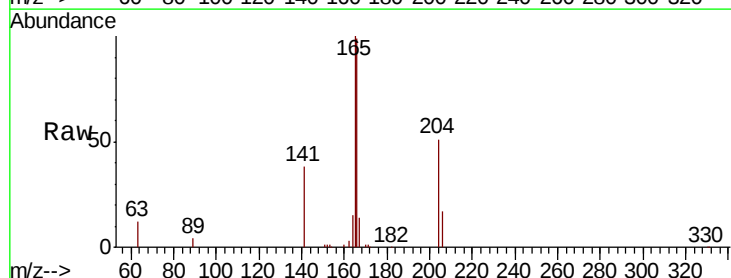
Tgt Ion:166 Resp: 20842

Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

167 13.6 10.9 16.3

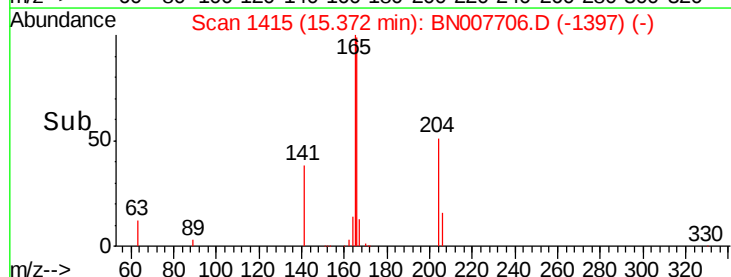
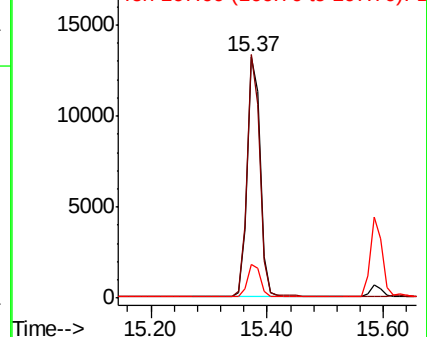


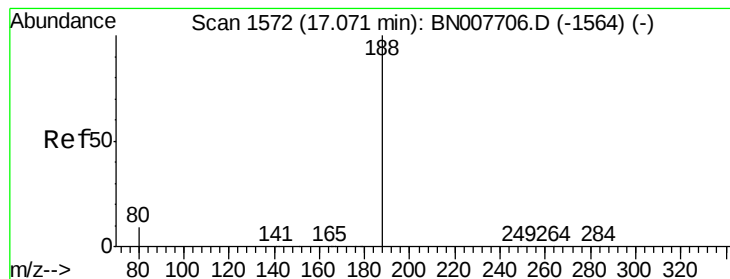
Abundance

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# 1572

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

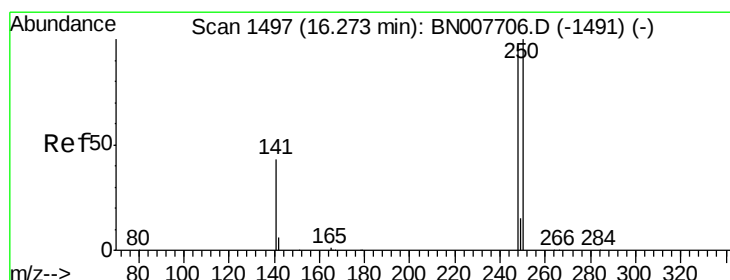
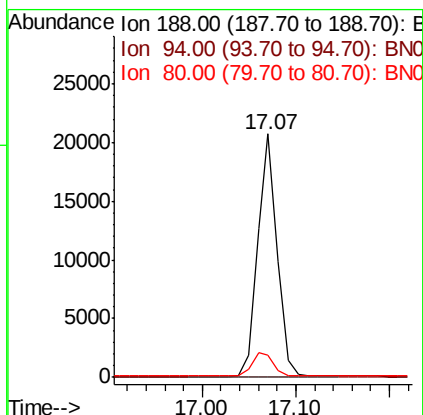
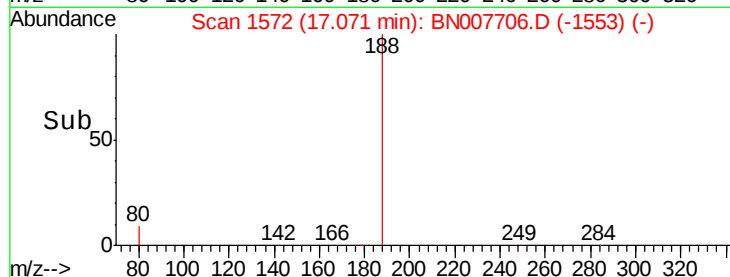
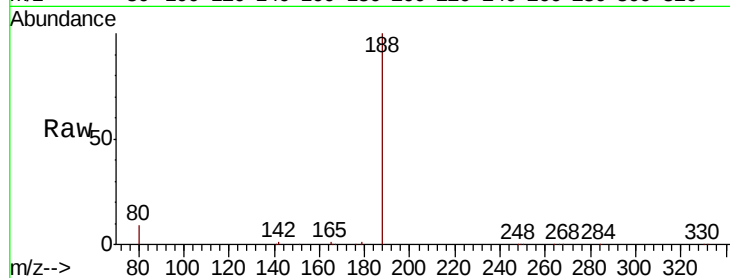
Tot Ion:188 Resp: 29872

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

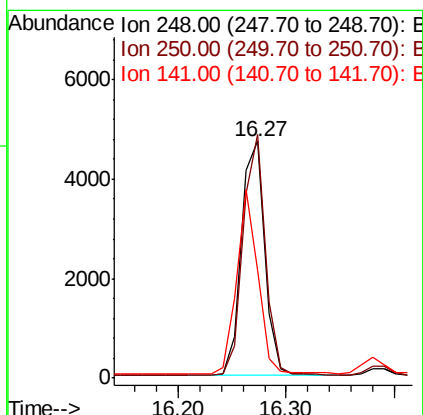
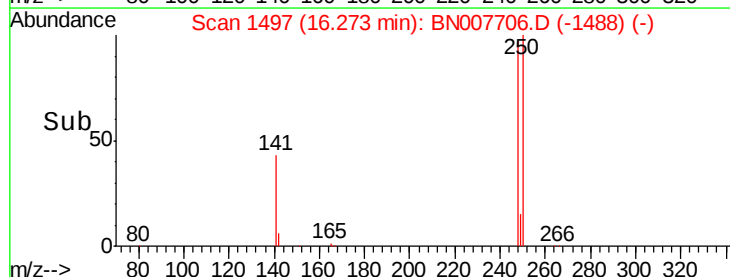
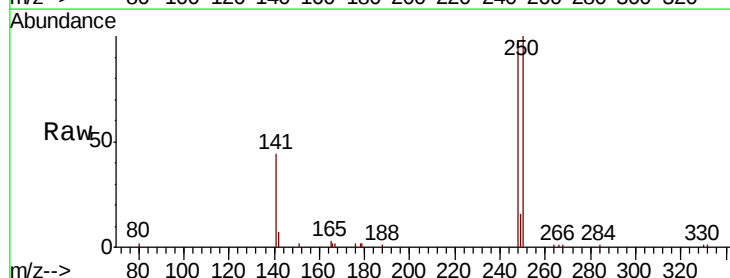
Tgt Ion:248 Resp: 7130

Ion Ratio Lower Upper

248 100

250 102.8 82.2 123.4

141 45.4 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.39 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

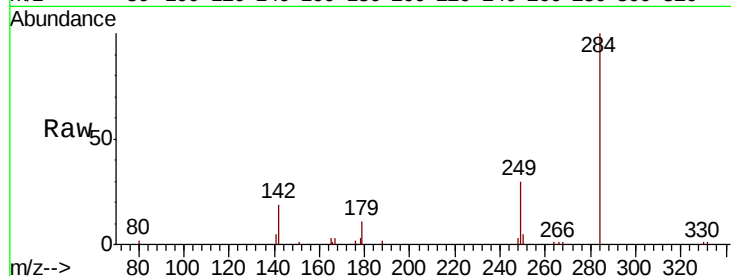
Tot Ion:284 Resp: 7845

Ion Ratio Lower Upper

284 100

142 32.2 25.8 38.6

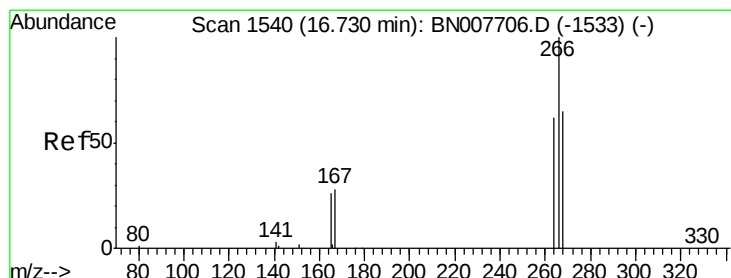
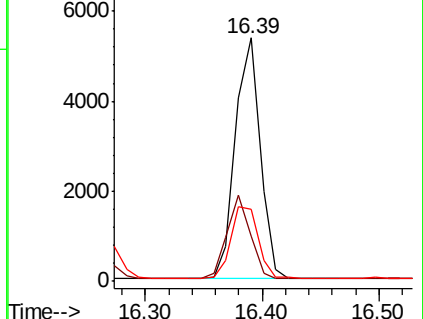
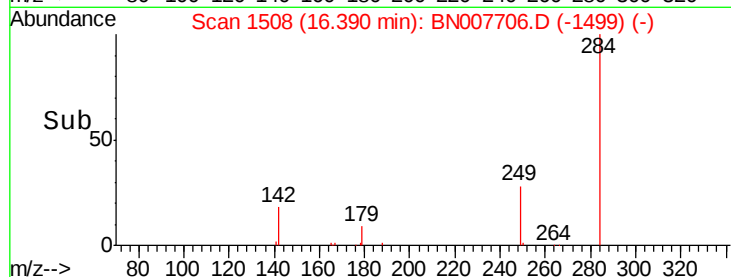
249 32.4 25.9 38.9



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: 0.493 ng

RT: 16.73 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

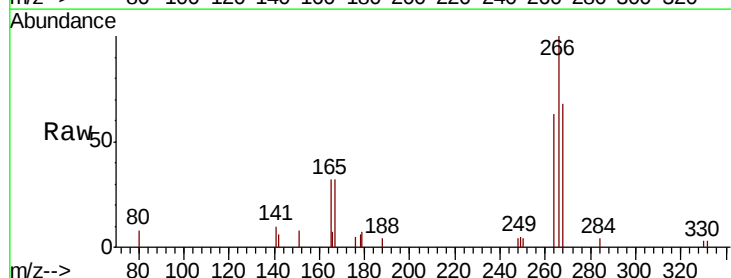
Tgt Ion:266 Resp: 2548

Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

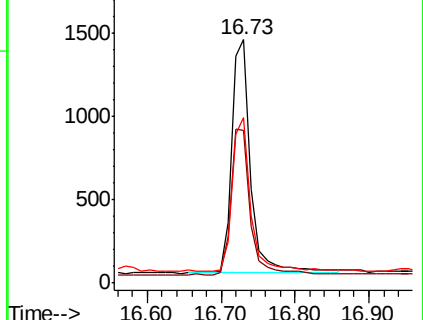
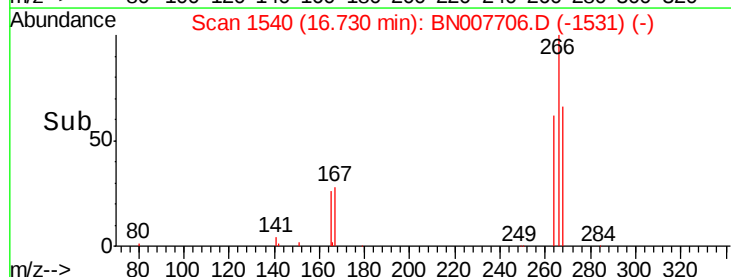
268 67.8 54.2 81.4

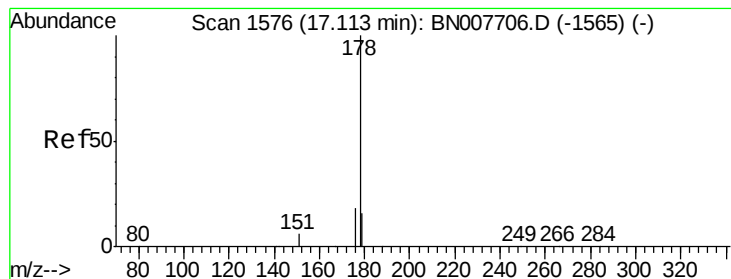


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

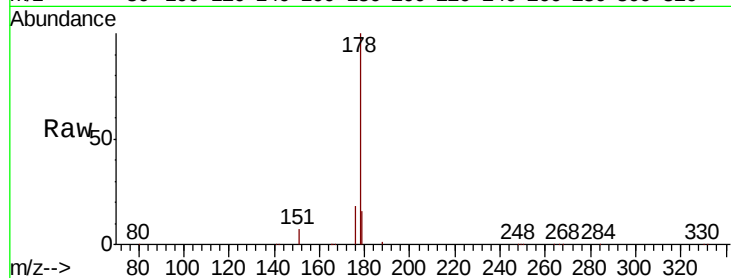
Tot Ion:178 Resp: 36744

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

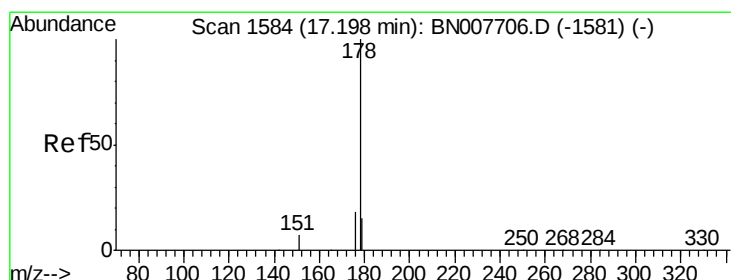
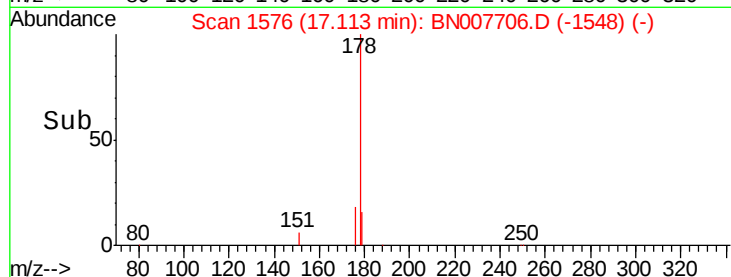
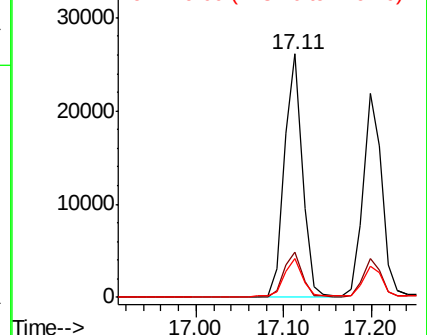
179 15.6 12.5 18.7



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: 0.381 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

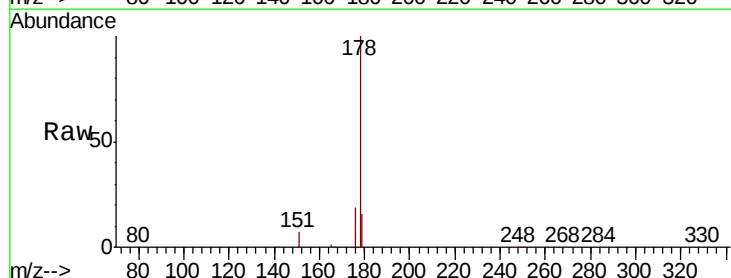
Tgt Ion:178 Resp: 32432

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

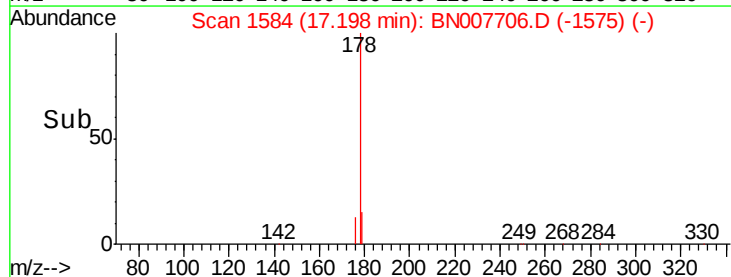
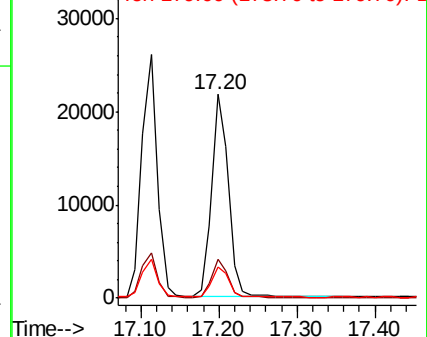
179 15.3 12.2 18.4

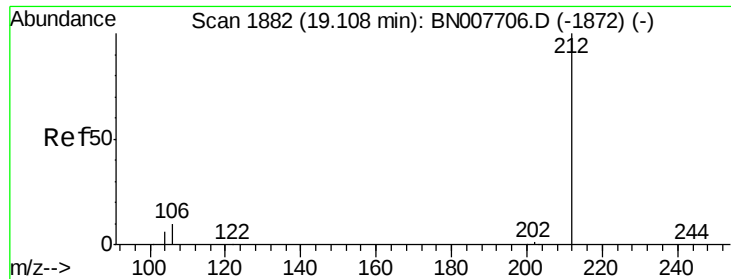


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.11 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

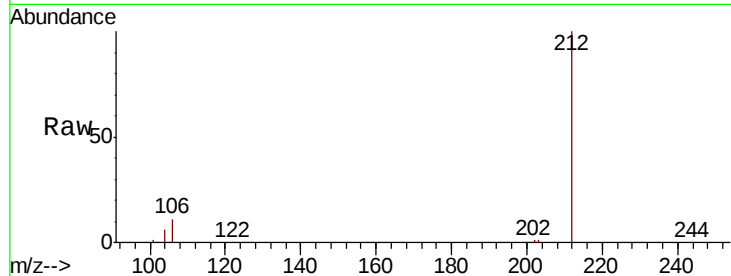
Tot Ion:212 Resp: 39813

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

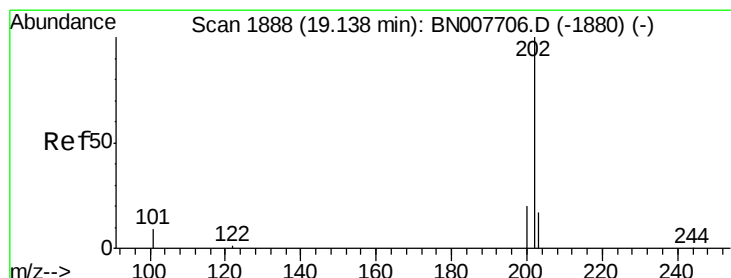
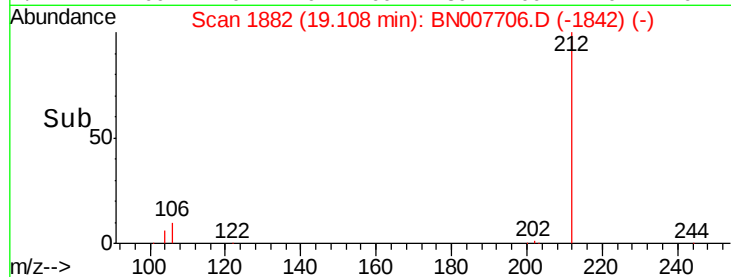
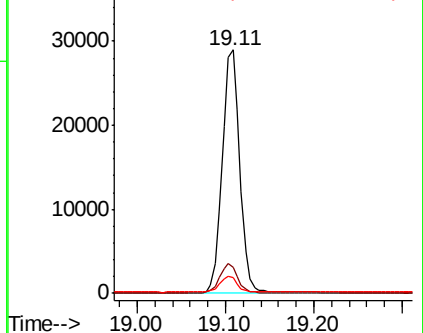
104 6.6 5.3 7.9



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: 0.408 ng

RT: 19.14 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

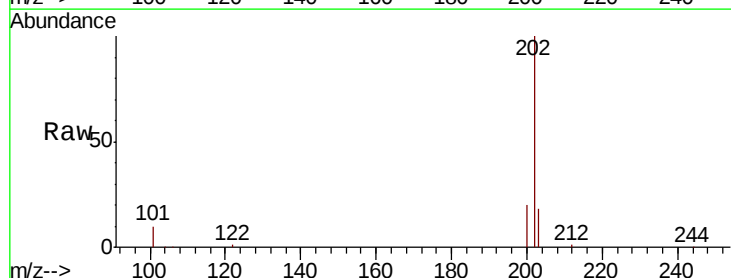
Tgt Ion:202 Resp: 45675

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

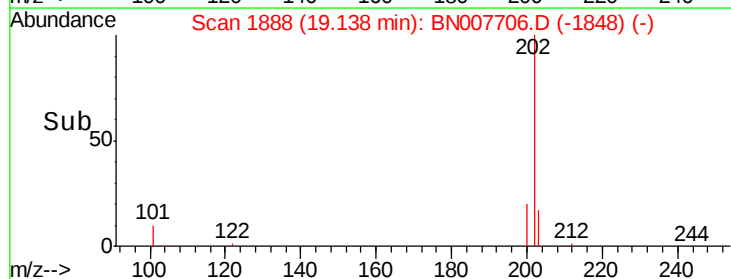
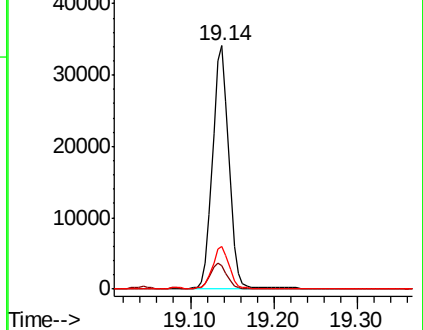
203 17.3 13.8 20.8



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# 2182

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

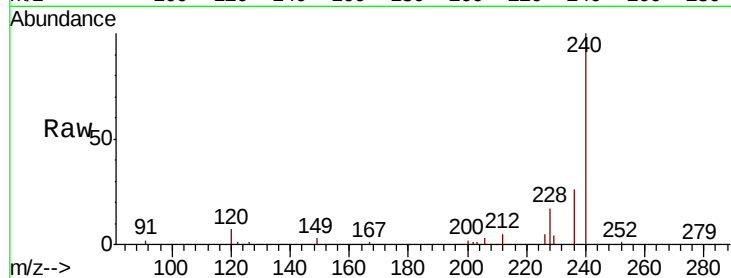
Tot Ion:240 Resp: 35096

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

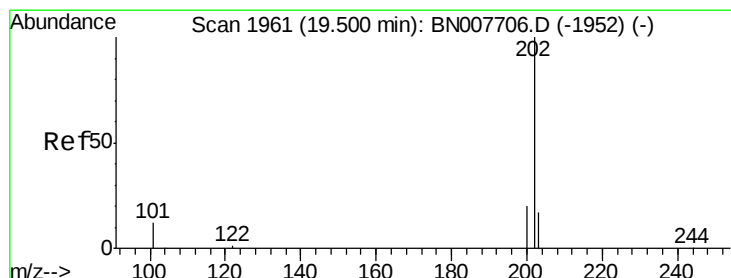
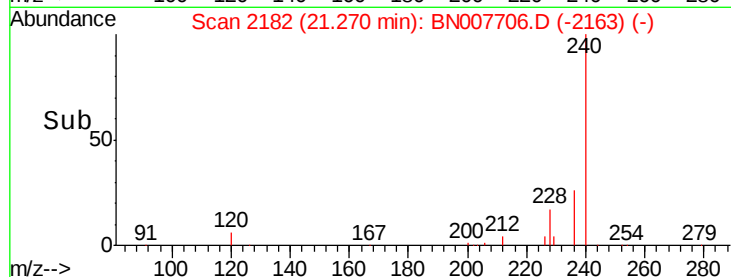
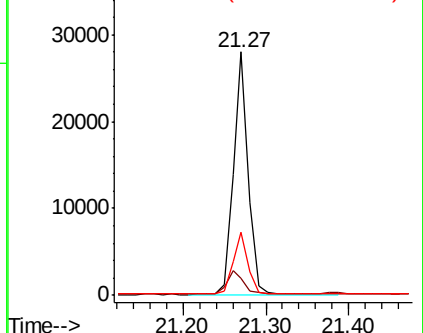
236 26.2 21.0 31.4



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: 0.366 ng

RT: 19.50 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

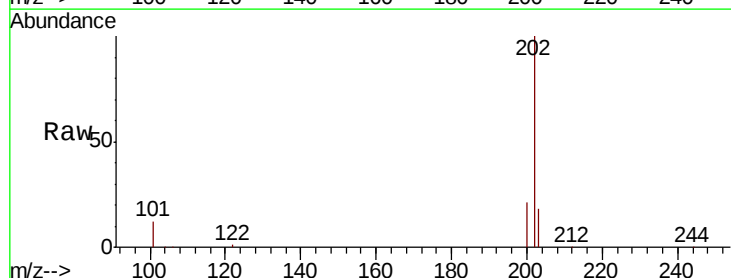
Tgt Ion:202 Resp: 46188

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

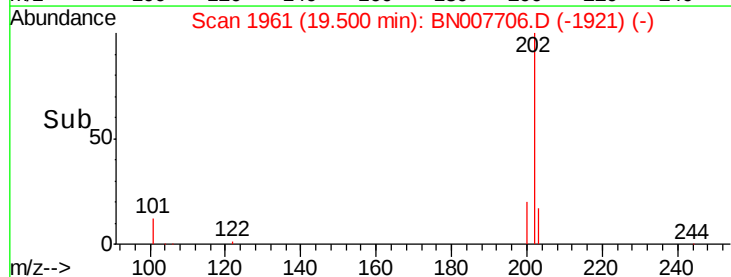
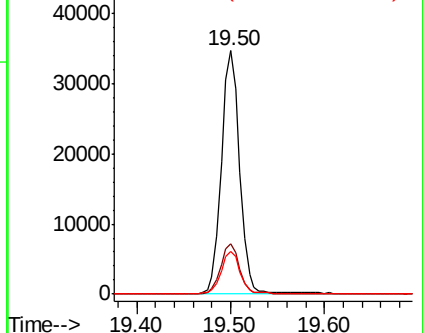
203 17.6 14.1 21.1



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: 0.365 ng

RT: 19.71 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

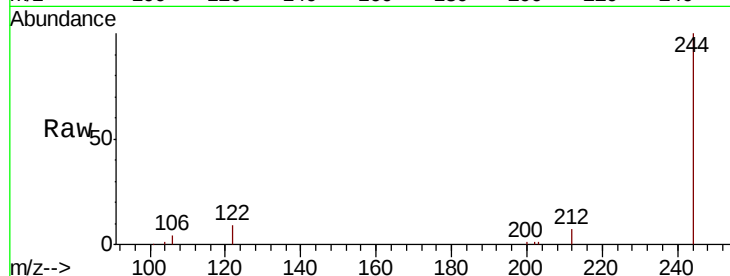
Tot Ion:244 Resp: 33312

Ion Ratio Lower Upper

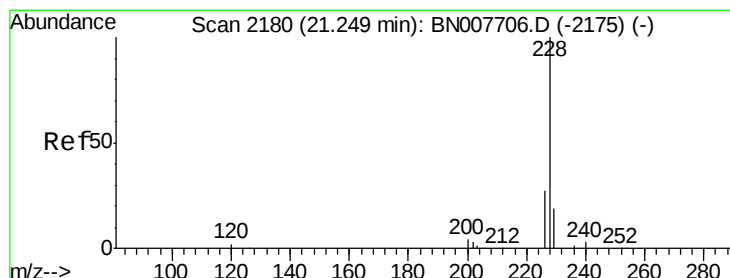
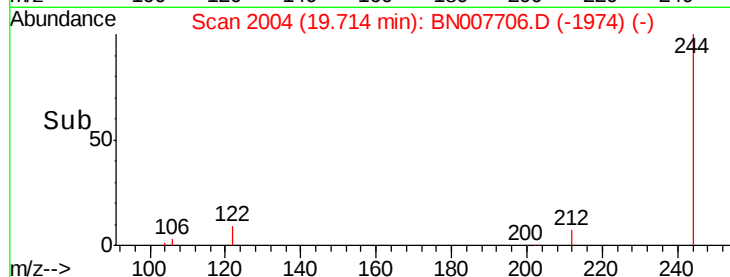
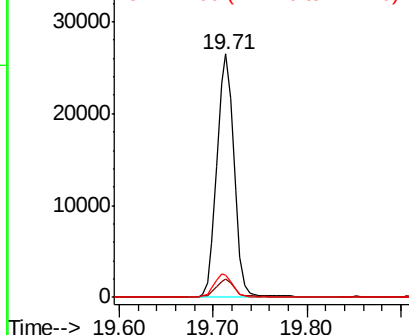
244 100

212 7.4 5.9 8.9

122 9.3 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: 0.396 ng

RT: 21.25 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

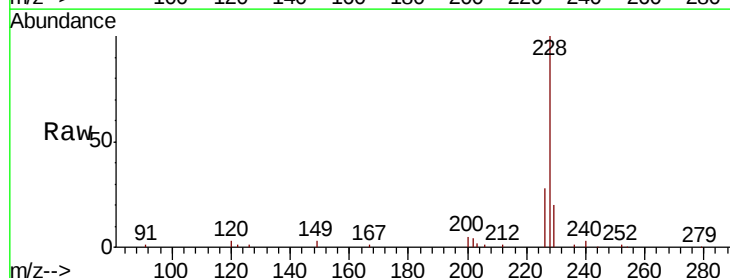
Tgt Ion:228 Resp: 49696

Ion Ratio Lower Upper

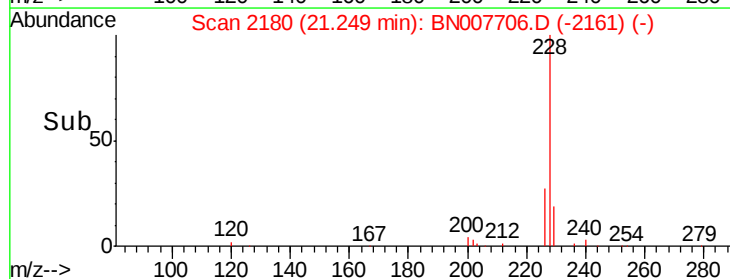
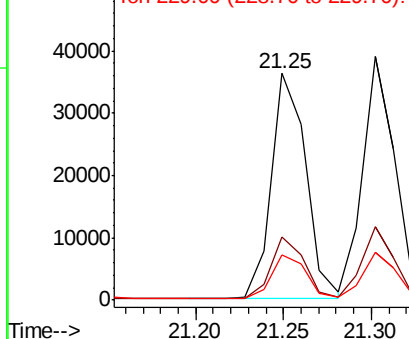
228 100

226 27.6 22.1 33.1

229 19.7 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: 0.386 ng

RT: 21.30 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

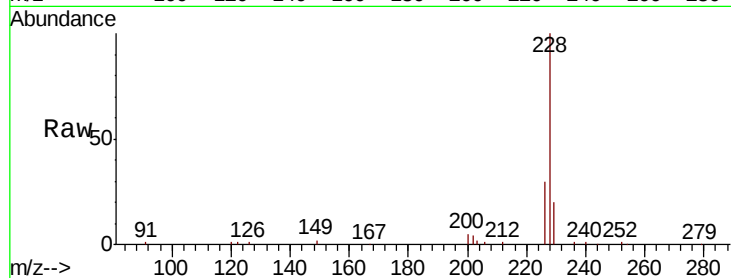
Tot Ion:228 Resp: 49241

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.7 15.8 23.6

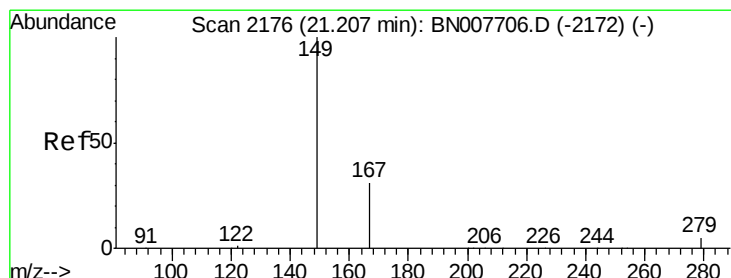
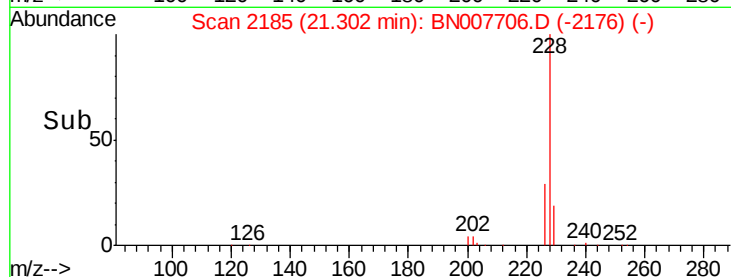
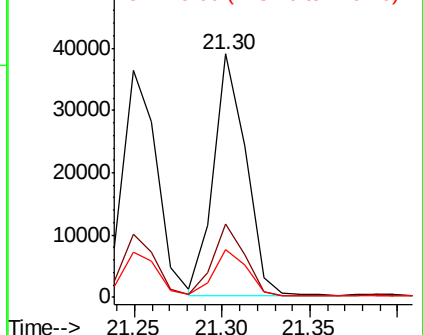


Abundance

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: 0.555 ng

RT: 21.21 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

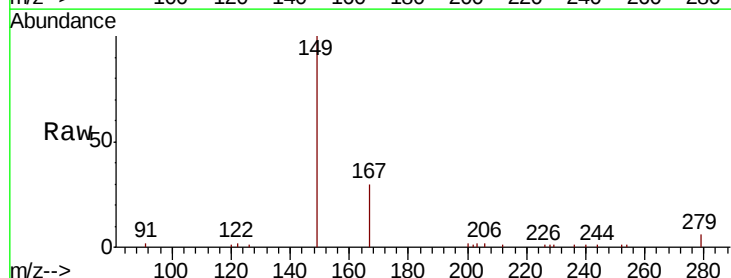
Tgt Ion:149 Resp: 23833

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

279 5.3 4.2 6.2

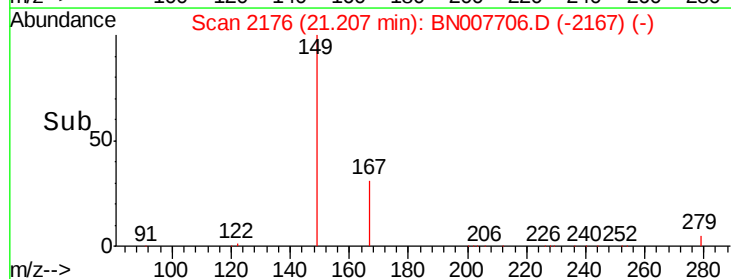
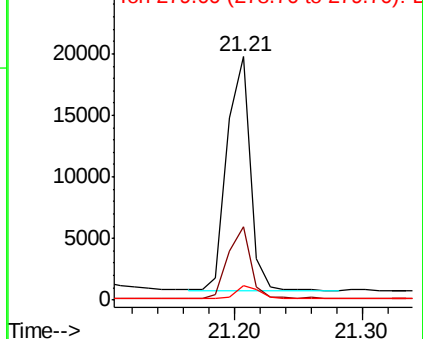


Abundance

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: 0.457 ng

RT: 25.71 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

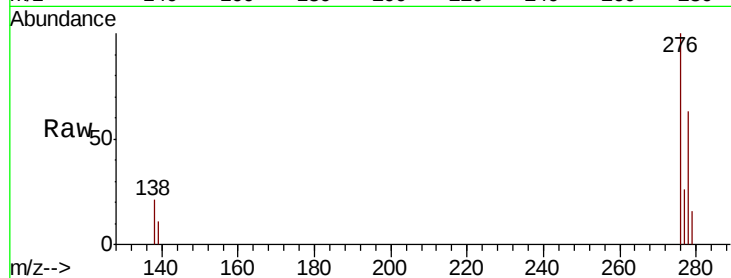
Tot Ion:276 Resp: 61648

Ion Ratio Lower Upper

276 100

138 21.4 17.1 25.7

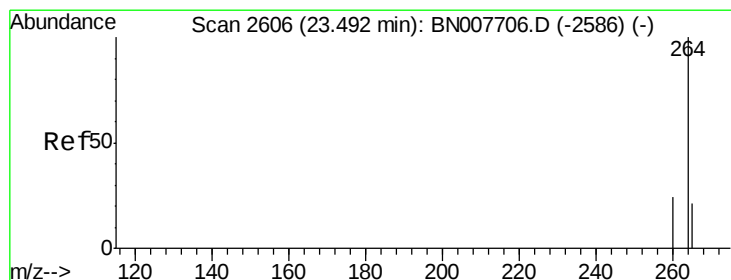
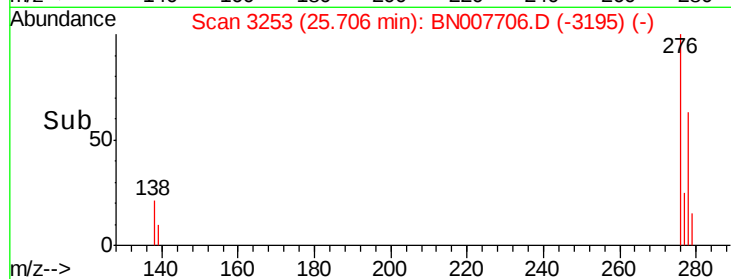
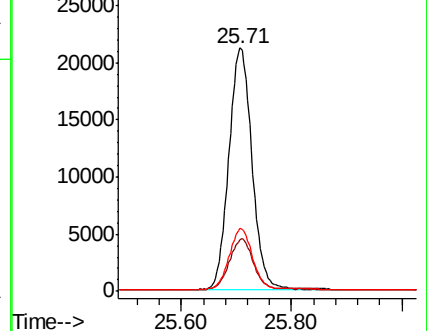
277 25.0 20.0 30.0



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: 23.49 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

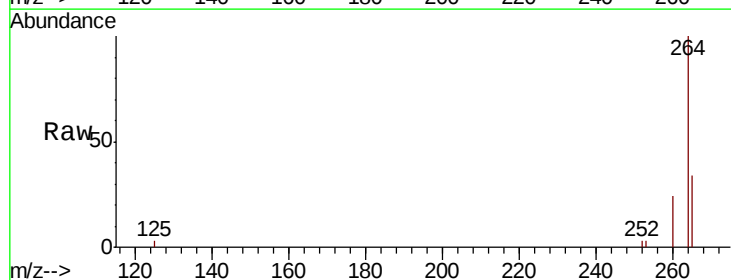
Tgt Ion:264 Resp: 39512

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

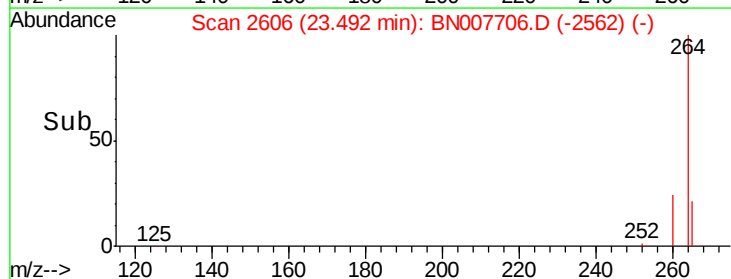
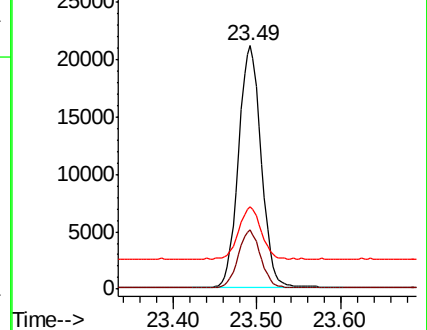
265 33.6 26.9 40.3



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

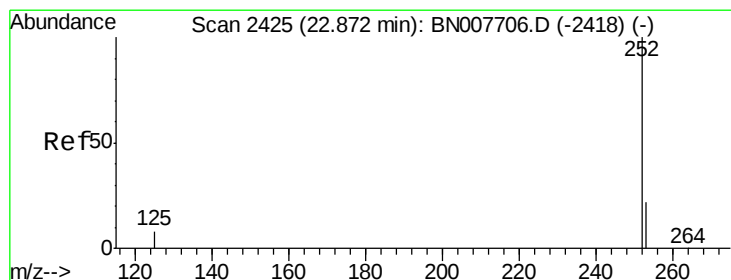
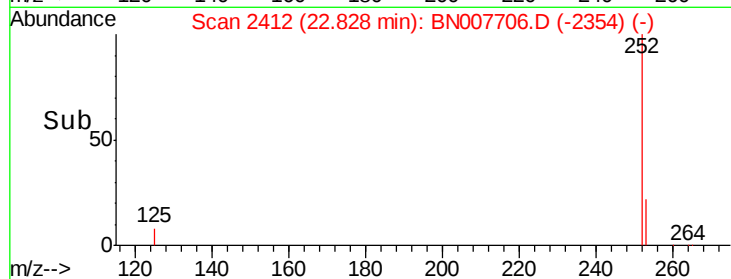
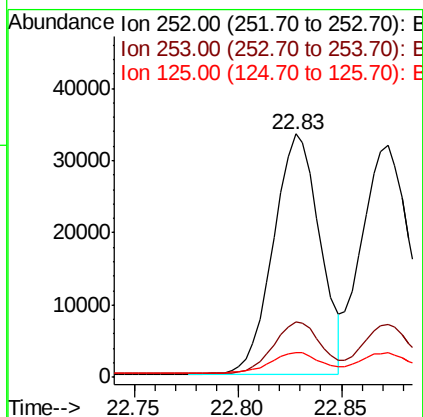
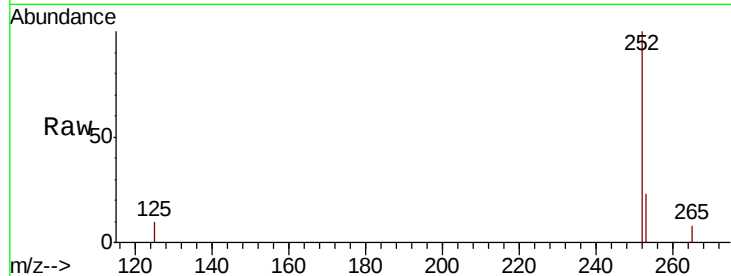




#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.83 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

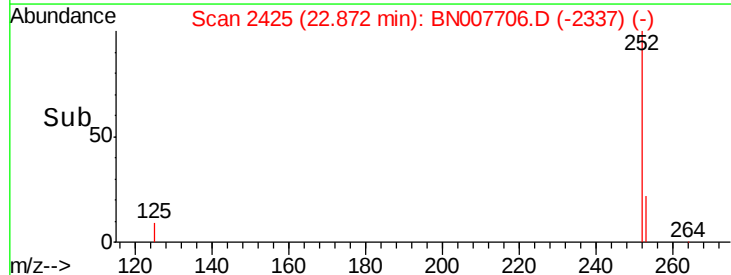
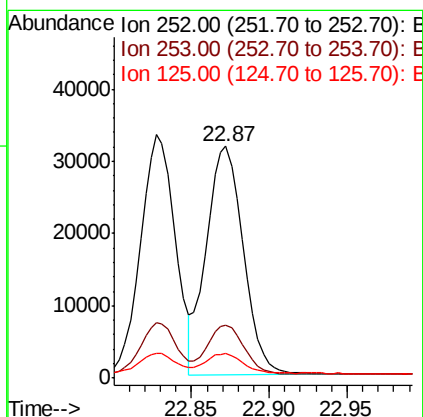
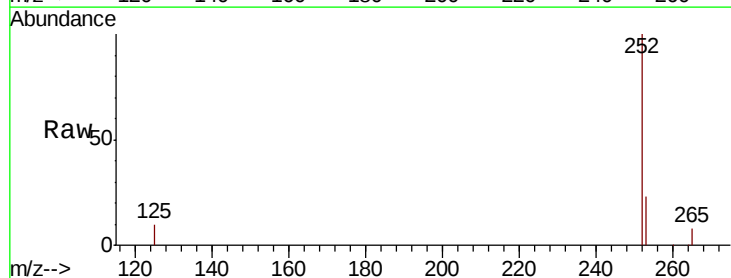
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

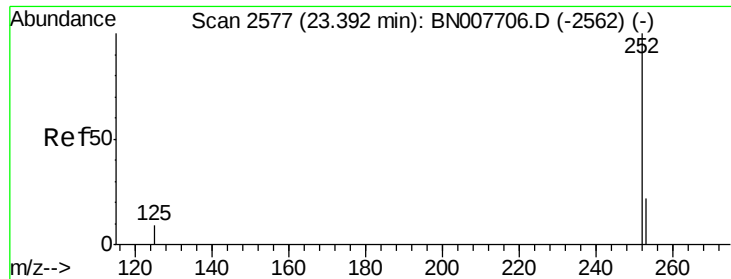
Tot Ion:252 Resp: 51703
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.3 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 22.87 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN007706.D
Acq: 18 Sep 2019 15:25

Tgt Ion:252 Resp: 52045
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 10.5 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.39 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

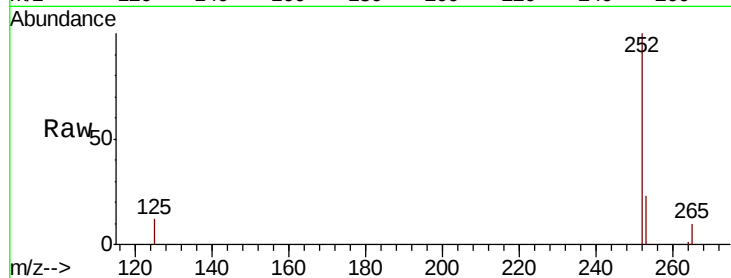
Tot Ion:252 Resp: 48997

Ion Ratio Lower Upper

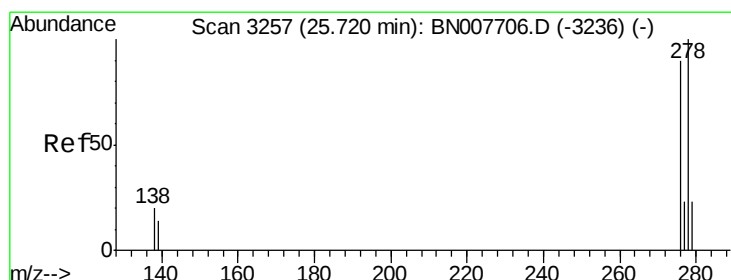
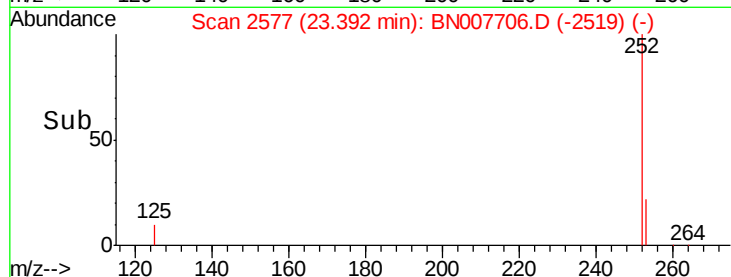
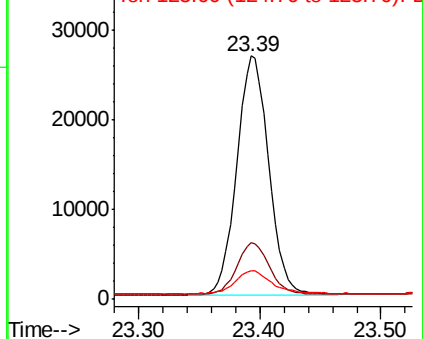
252 100

253 23.2 18.6 27.8

125 11.7 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: 0.402 ng

RT: 25.72 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

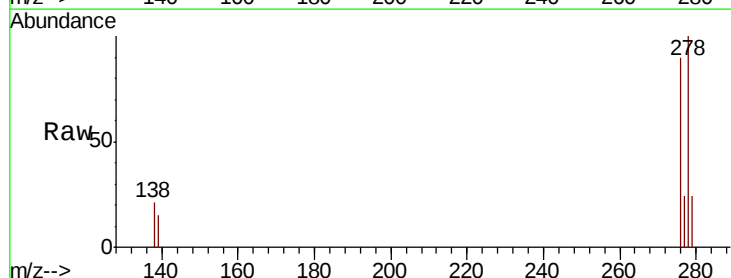
Tgt Ion:278 Resp: 50433

Ion Ratio Lower Upper

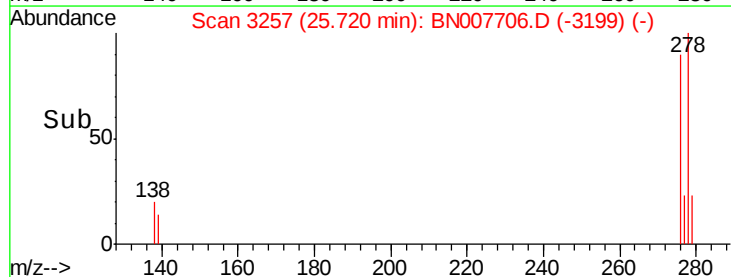
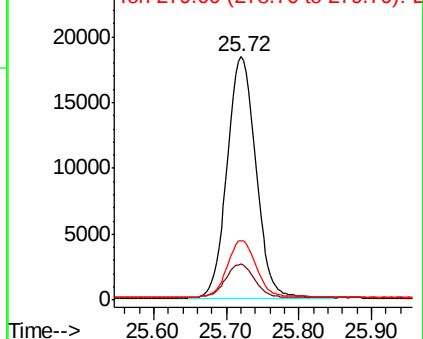
278 100

139 14.7 11.8 17.6

279 24.3 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: 0.394 ng

RT: 26.38 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BN007706.D

Acq: 18 Sep 2019 15:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

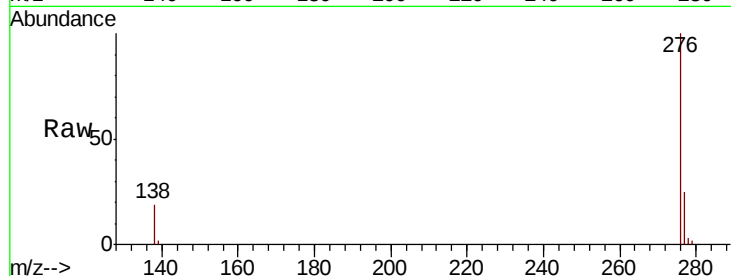
Tot Ion: 276 Resp: 50084

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 18.9 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

