

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
 Data File : BN007711.D
 Acq On : 18 Sep 2019 18:29
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091819

Quant Time: Sep 27 07:48:00 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 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5410	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	21911	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14112	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31860	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35925	0.40	ng	0.00
34) Perylene-d12	23.49	264	38413	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	6285	0.34	ng	0.00
5) Phenol-d6	6.87	99	8085	0.35	ng	0.00
8) Nitrobenzene-d5	8.83	82	7212	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14301	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2417	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	21710	0.37	ng	0.00
25) Fluoranthene-d10	19.10	212	41861	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	34634	0.39	ng	0.00

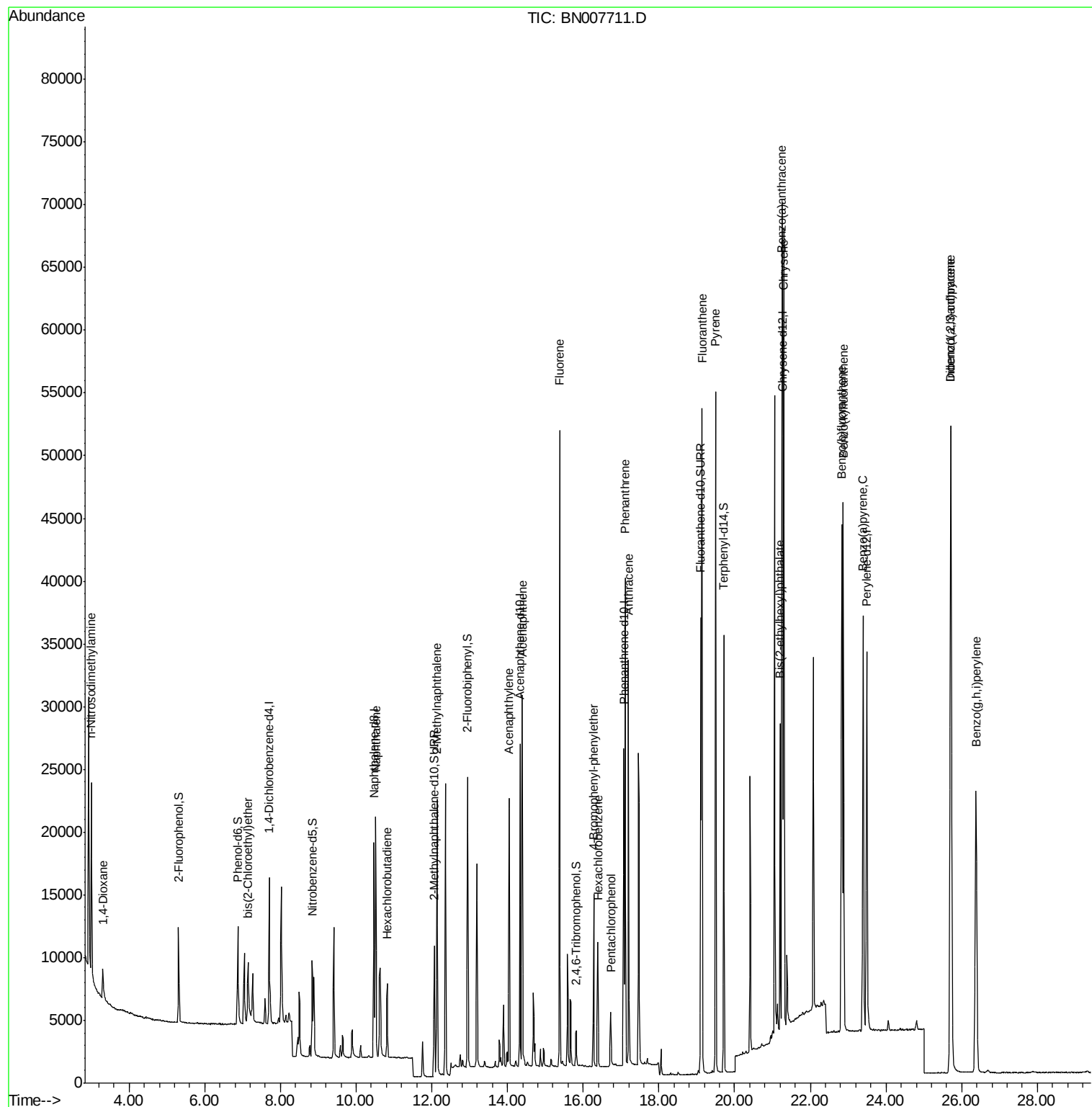
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1959	0.325	ng	# 71
3) n-Nitrosodimethylamine	3.01	42	1710	0.619	ng	96
6) bis(2-Chloroethyl)ether	7.14	93	5520	0.360	ng	99
9) Naphthalene	10.52	128	24415	0.397	ng	100
10) Hexachlorobutadiene	10.82	225	5124	0.396	ng	# 99
12) 2-Methylnaphthalene	12.14	142	16402	0.395	ng	99
16) Acenaphthylene	14.03	152	26651	0.356	ng	100
17) Acenaphthene	14.39	154	17369	0.360	ng	99
18) Fluorene	15.37	166	22509	0.364	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	7747	0.401	ng	98
21) Hexachlorobenzene	16.39	284	8610	0.407	ng	99
22) Pentachlorophenol	16.73	266	2553	0.328	ng	98
23) Phenanthrene	17.11	178	39581	0.399	ng	100
24) Anthracene	17.20	178	34389	0.384	ng	100
26) Fluoranthene	19.14	202	48528	0.393	ng	100
28) Pyrene	19.50	202	48418	0.395	ng	100
30) Benzo(a)anthracene	21.25	228	51223	0.387	ng	100
31) Chrysene	21.30	228	50971	0.395	ng	100
32) Bis(2-ethylhexyl)phthalate	21.21	149	21546	0.317	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	59326	0.368	ng	100
35) Benzo(b)fluoranthene	22.83	252	52020	0.390	ng	100
36) Benzo(k)fluoranthene	22.87	252	50744	0.385	ng	100
37) Benzo(a)pyrene	23.39	252	47325	0.378	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	48441	0.378	ng	100
39) Benzo(g,h,i)perylene	26.38	276	47840	0.377	ng	99

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

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QLast Update : Wed Sep 18 18:24:40 2019
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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: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

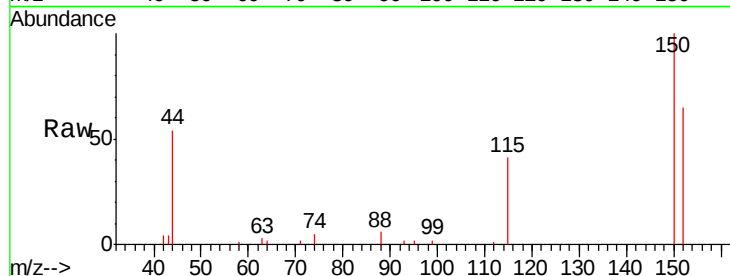
Tgt Ion: 152 Resp: 5410

Ion Ratio Lower Upper

152 100

150 154.4 125.6 188.4

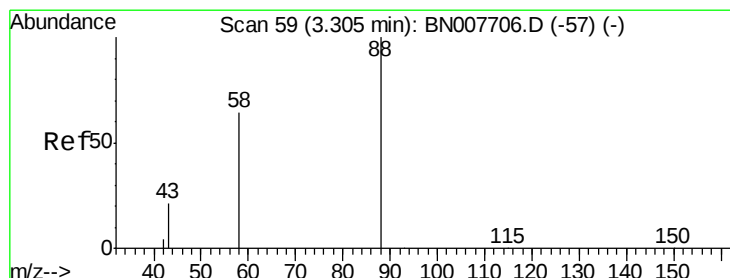
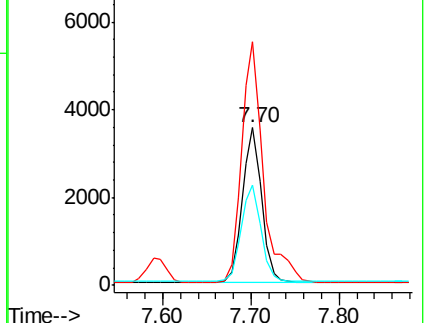
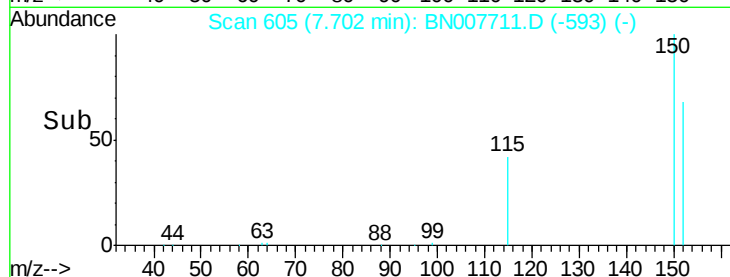
115 63.6 53.3 79.9



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: 0.325 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

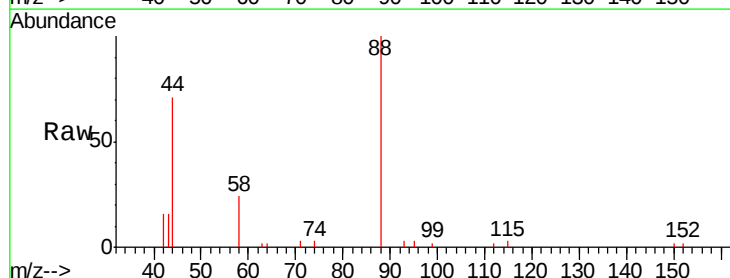
Tgt Ion: 88 Resp: 1959

Ion Ratio Lower Upper

88 100

58 79.2 44.6 66.8#

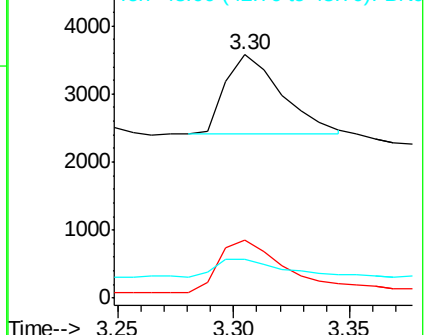
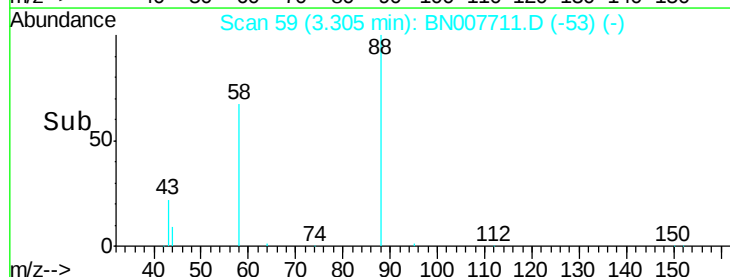
43 26.4 14.4 21.6#



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

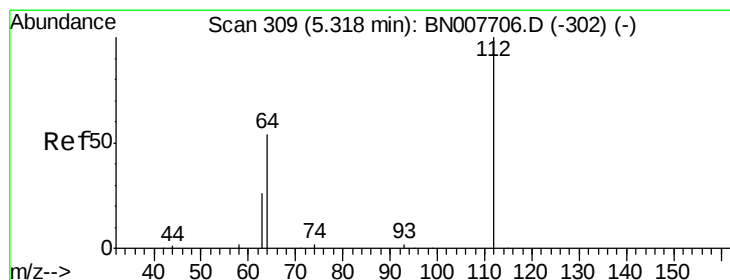
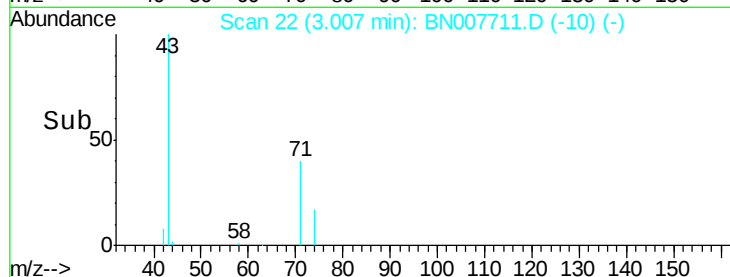
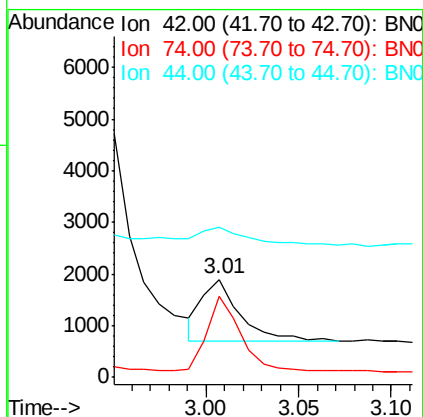
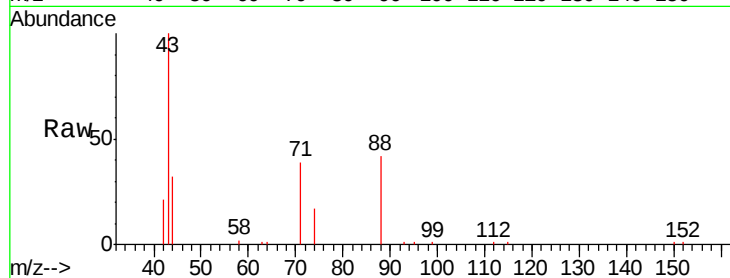




#3
n-Nitrosodimethylamine
Concen: 0.619 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

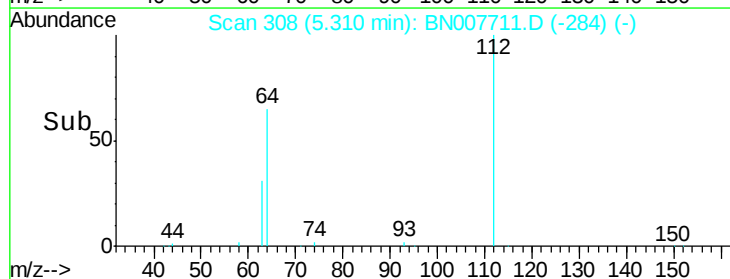
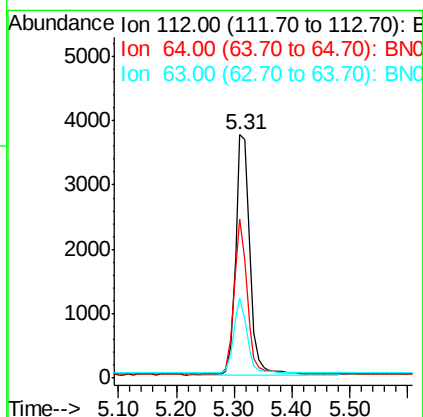
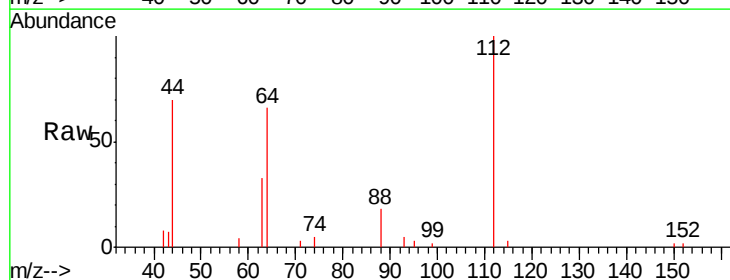
Instrument :
BNA_N
ClientSampleId :
ICVBN091819

Tgt Ion: 42 Resp: 1710
Ion Ratio Lower Upper
42 100
74 104.7 87.9 131.9
44 35.0 29.4 44.0



#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

Tgt Ion: 112 Resp: 6285
Ion Ratio Lower Upper
112 100
64 60.1 46.6 70.0
63 29.6 23.1 34.7





#5

Phenol-d6

Concen: 0.347 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

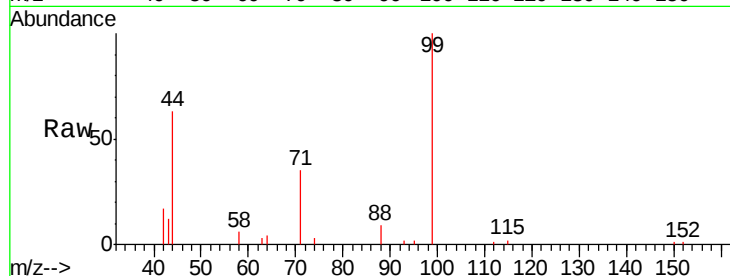
Tgt Ion: 99 Resp: 8085

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

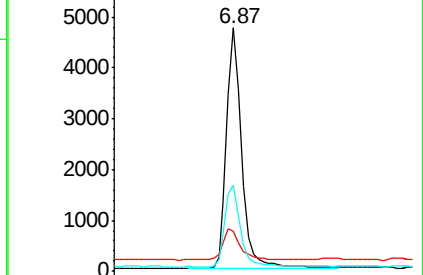
71 35.0 27.6 41.4



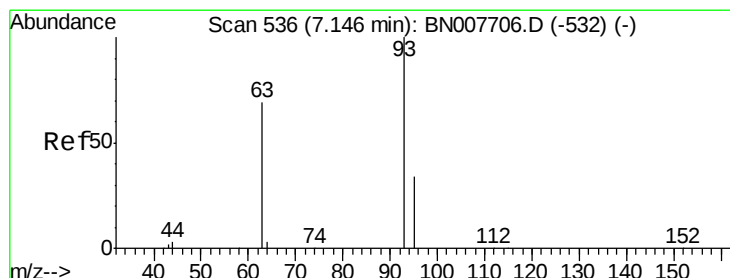
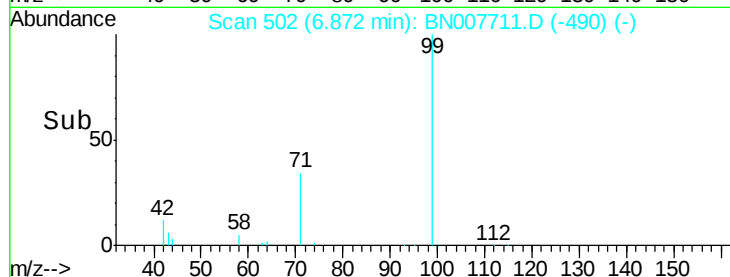
Abundance Ion 99.00 (98.70 to 99.70): BN007711.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007711.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007711.D (-511) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.360 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

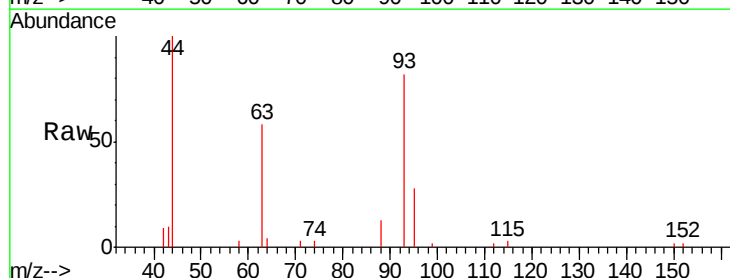
Tgt Ion: 93 Resp: 5520

Ion Ratio Lower Upper

93 100

63 75.2 59.3 88.9

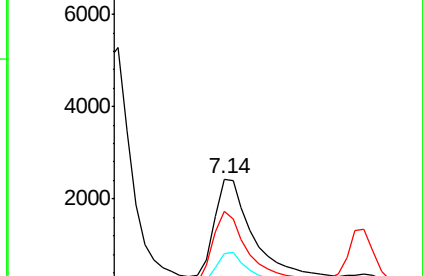
95 39.4 31.4 47.0



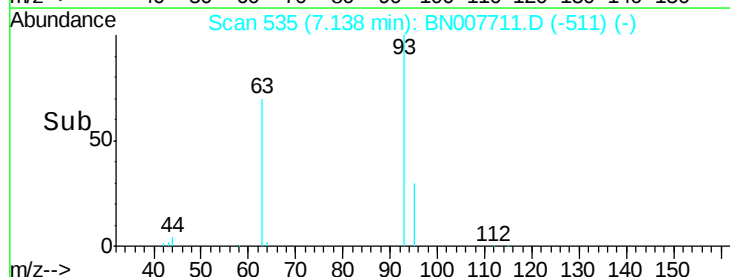
Abundance Ion 93.00 (92.70 to 93.70): BN007711.D (-511) (-)

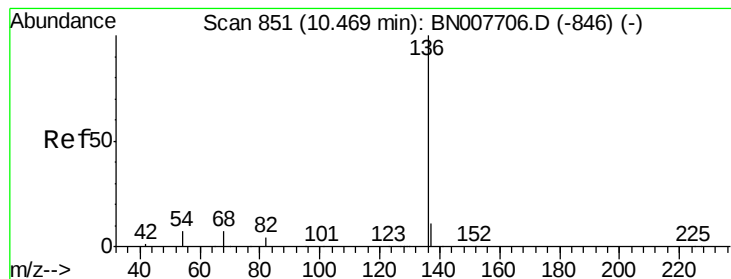
Ion 63.00 (62.70 to 63.70): BN007711.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007711.D (-511) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

Tgt Ion:136 Resp: 21911

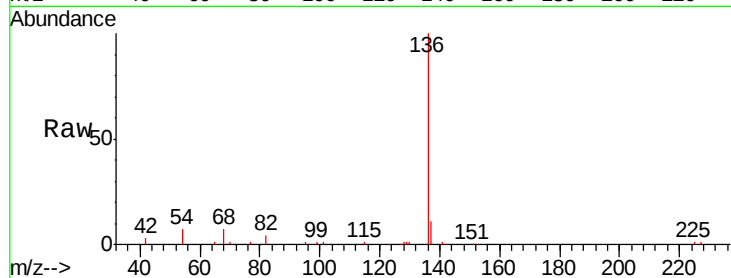
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.5 5.8 8.8

68 7.0 6.5 9.7

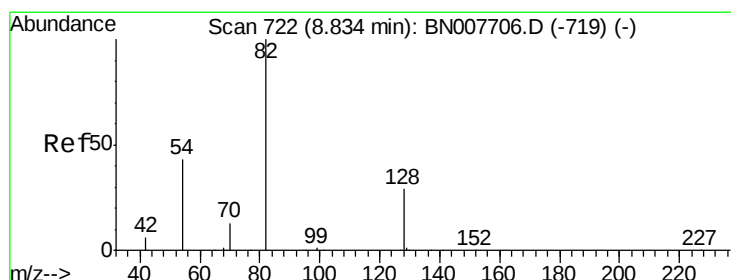
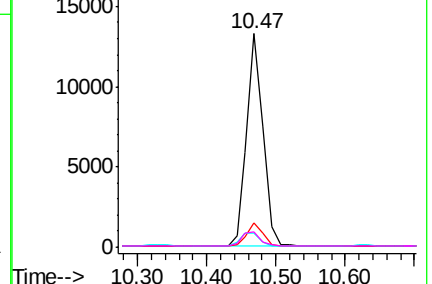
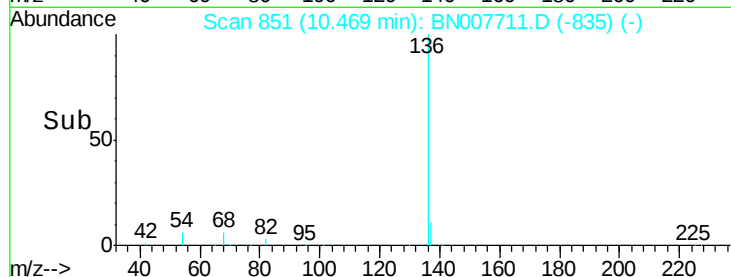


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

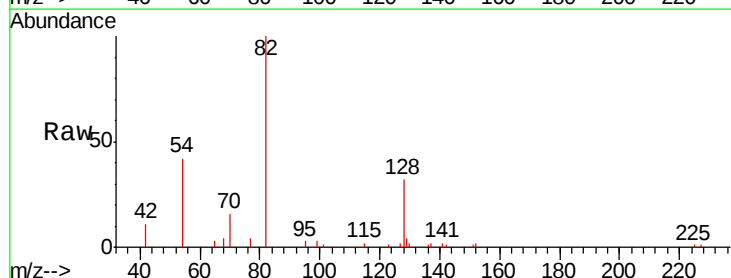
Tgt Ion: 82 Resp: 7212

Ion Ratio Lower Upper

82 100

128 31.7 24.5 36.7

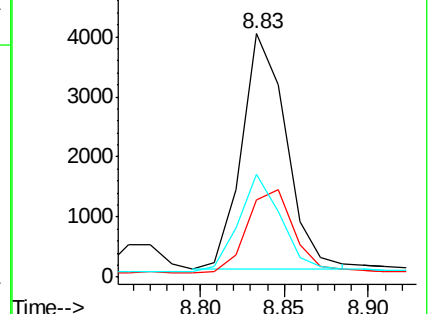
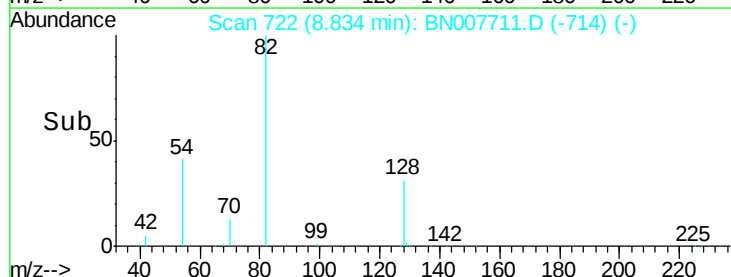
54 42.3 35.2 52.8



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: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

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ICVBN091819

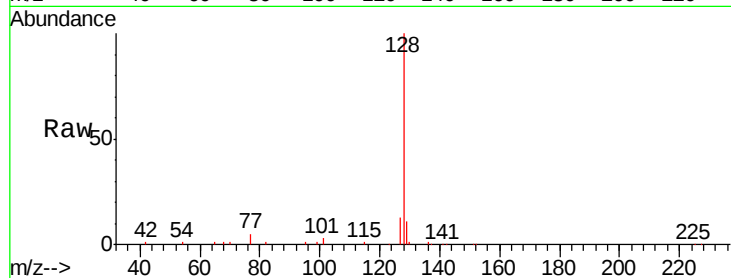
Tgt Ion:128 Resp: 24415

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

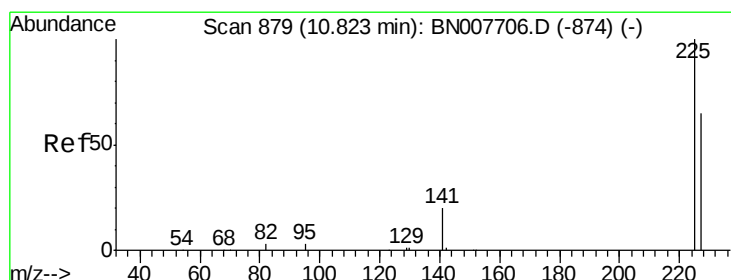
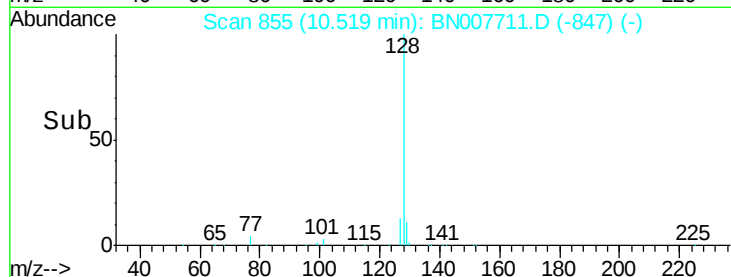
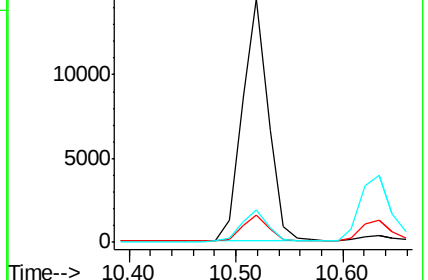
127 13.2 10.6 15.8



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: 0.396 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

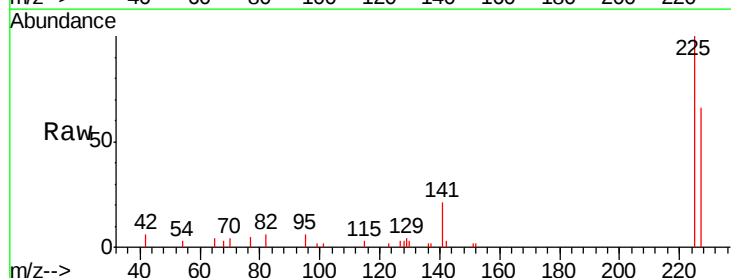
Tgt Ion:225 Resp: 5124

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

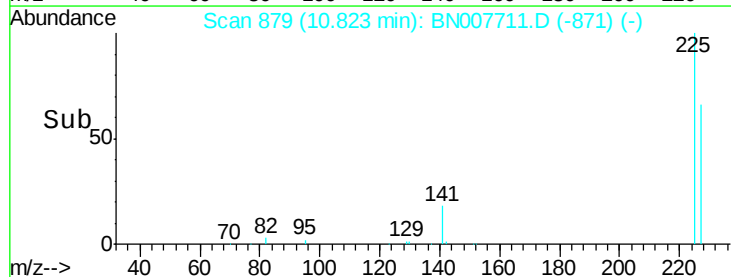
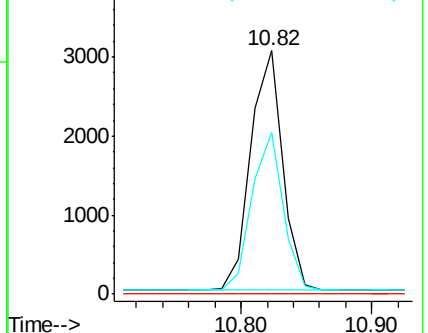
227 64.7 51.2 76.8

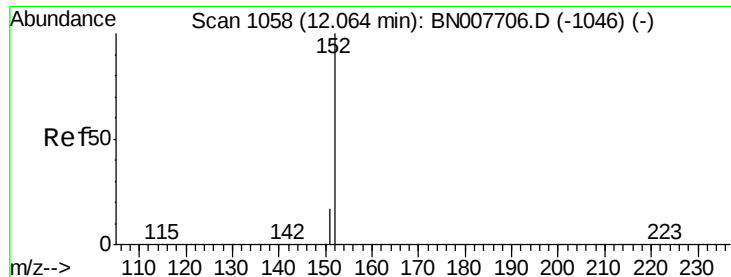


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

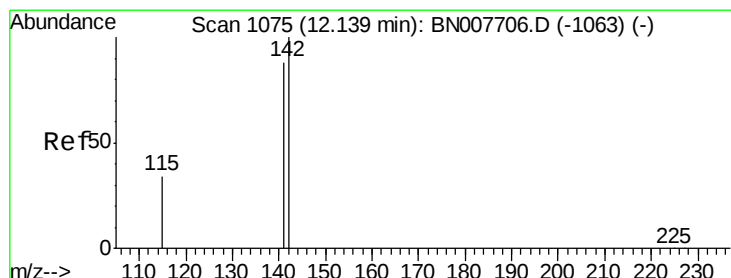
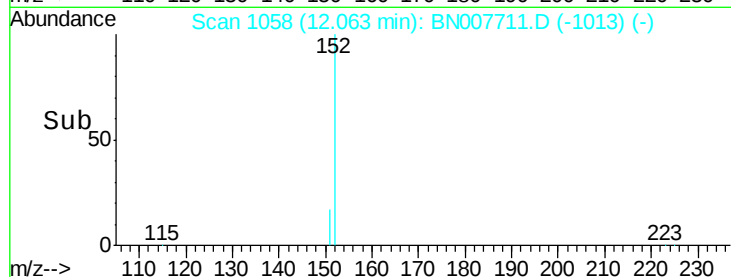
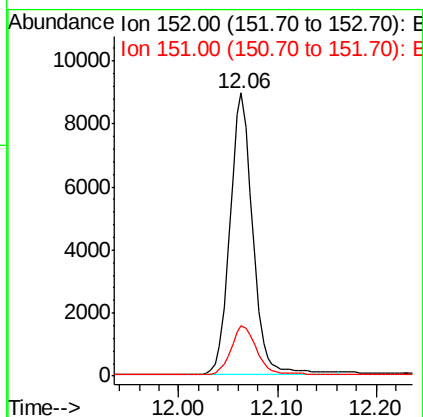
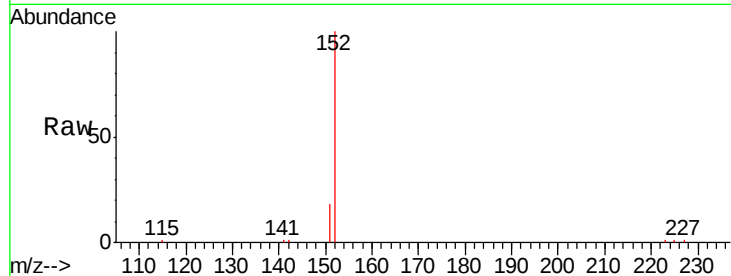




#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

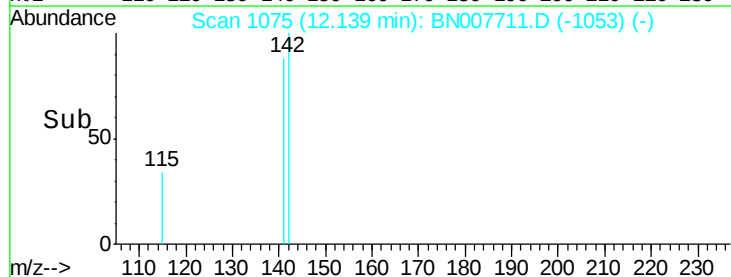
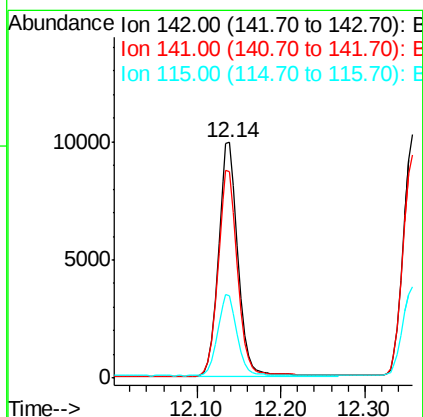
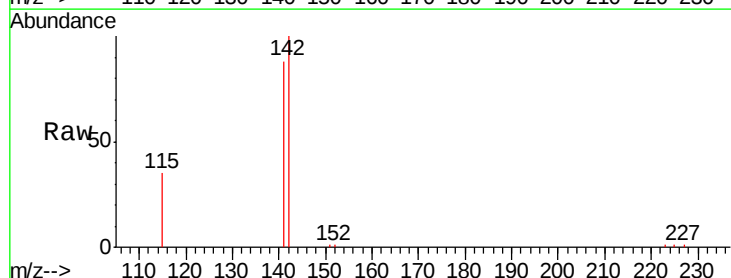
Instrument :
BNA_N
ClientSampleId :
ICVBN091819

Tgt Ion:152 Resp: 14301
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.14 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

Tgt Ion:142 Resp: 16402
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 34.8 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: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

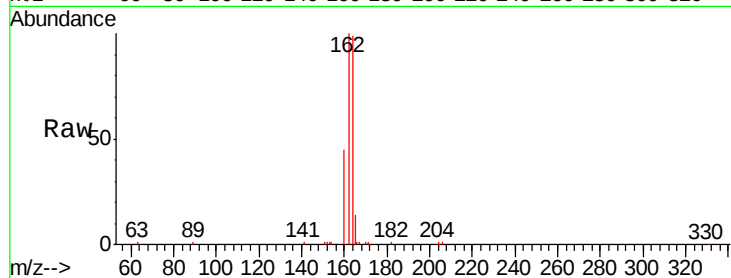
Tgt Ion:164 Resp: 14112

Ion Ratio Lower Upper

164 100

162 101.0 81.7 122.5

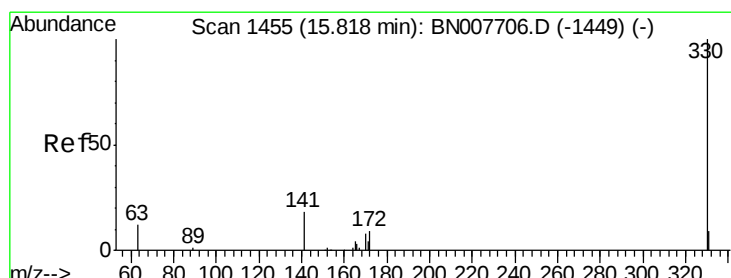
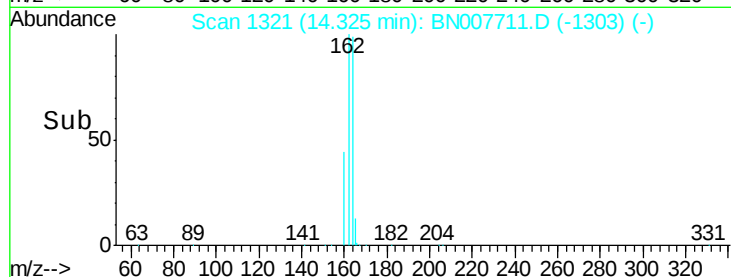
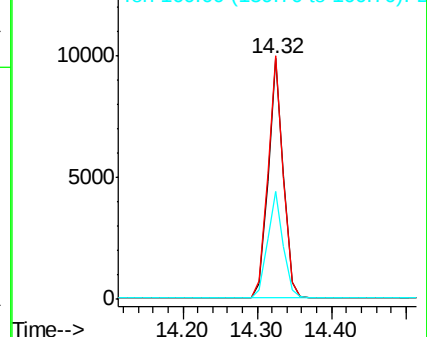
160 45.0 37.0 55.4



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: 0.314 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

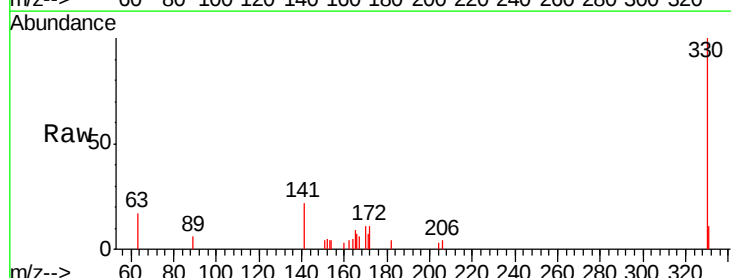
Tgt Ion:330 Resp: 2417

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

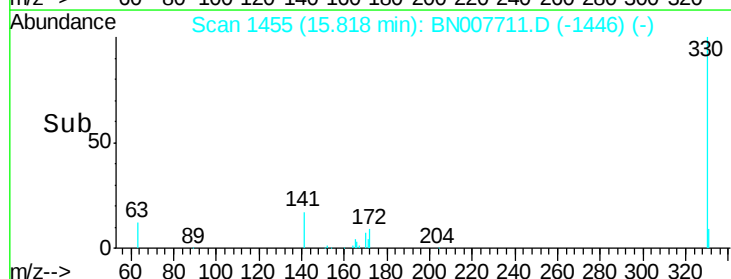
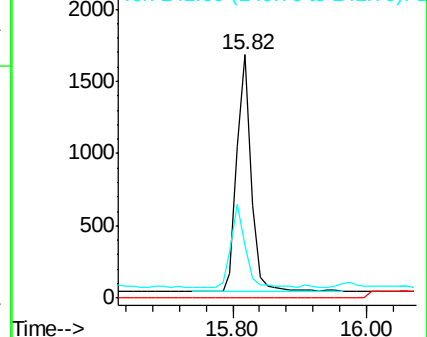
141 35.7 28.7 43.1



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

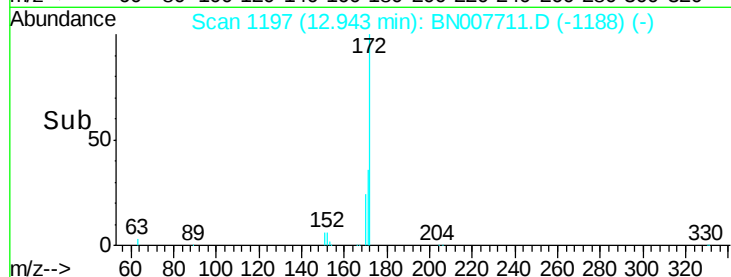
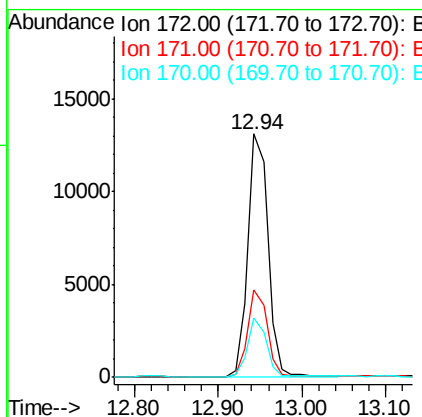
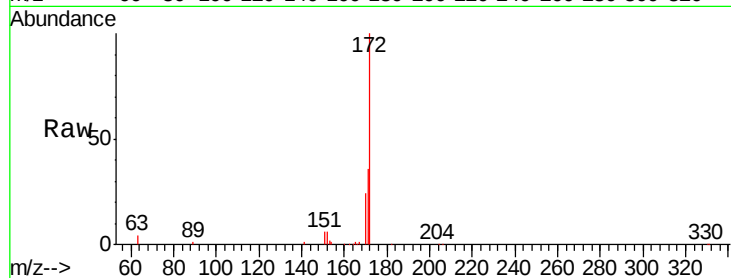




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

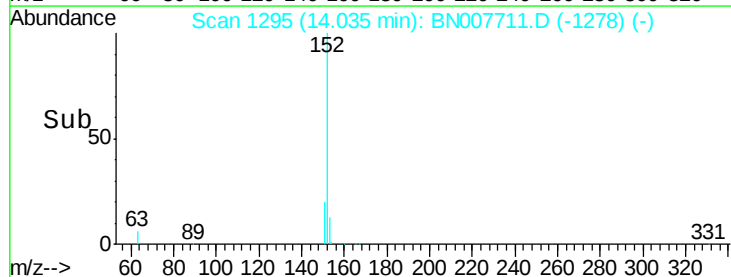
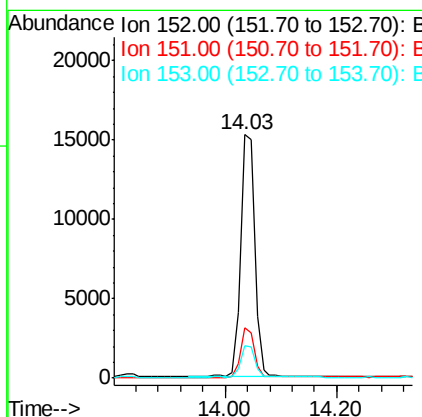
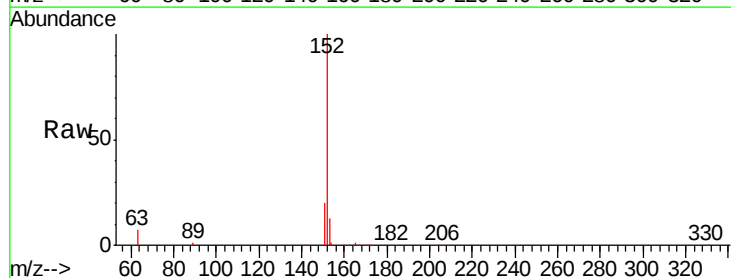
Instrument :
BNA_N
ClientSampleId :
ICVBN091819

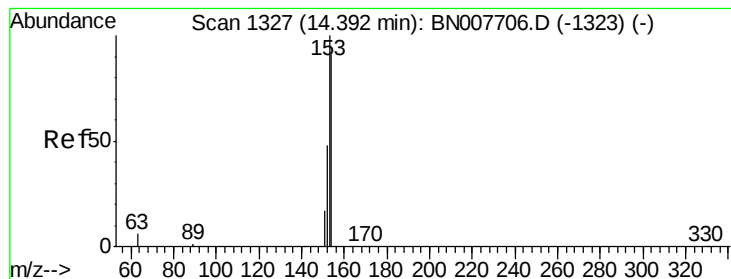
Tgt Ion:172 Resp: 21710
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007711.D
Acq: 18 Sep 2019 18:29

Tgt Ion:152 Resp: 26651
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.360 ng

RT: 14.39 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

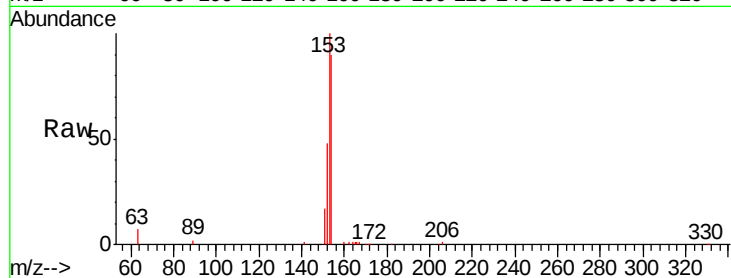
Tgt Ion:154 Resp: 17369

Ion Ratio Lower Upper

154 100

153 110.2 87.0 130.4

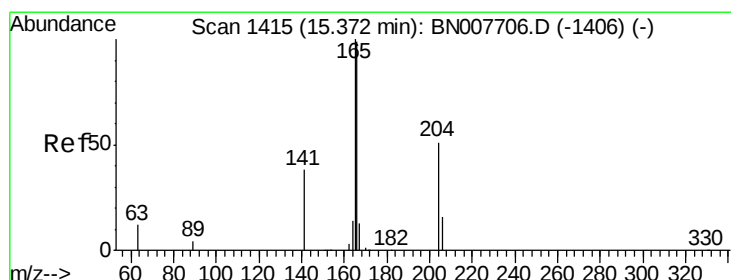
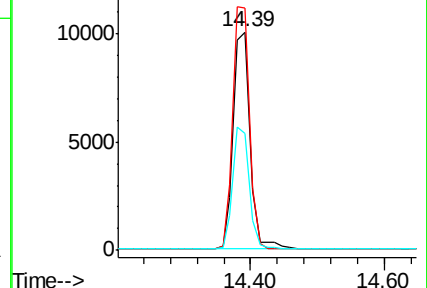
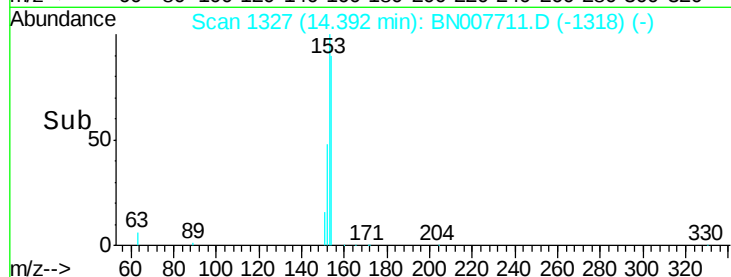
152 54.2 42.7 64.1



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: 0.364 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

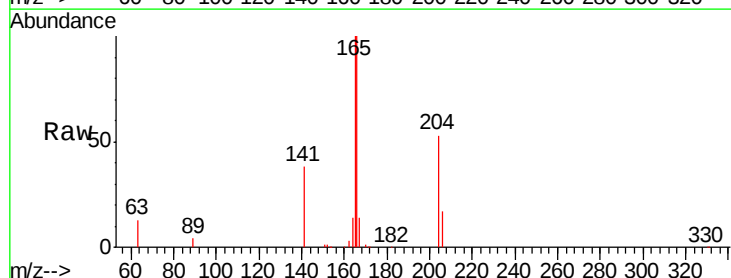
Tgt Ion:166 Resp: 22509

Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

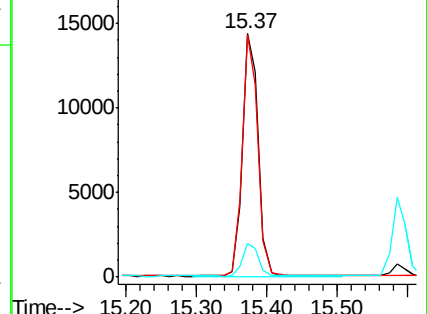
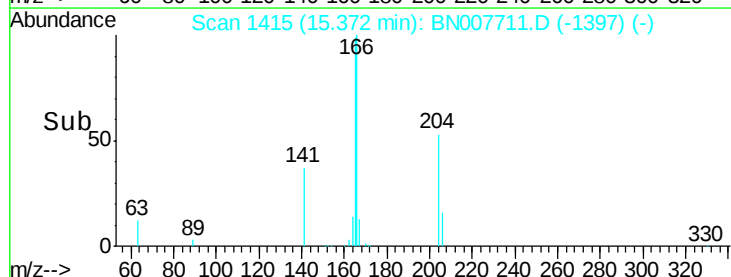
167 13.4 10.9 16.3

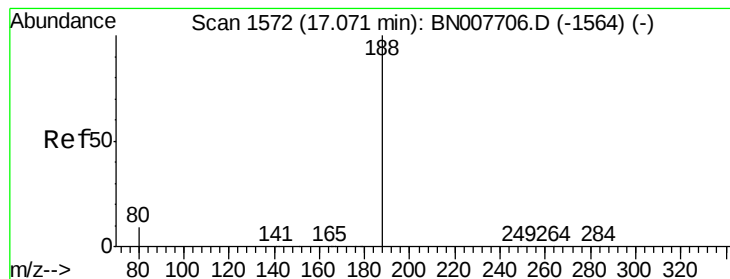


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

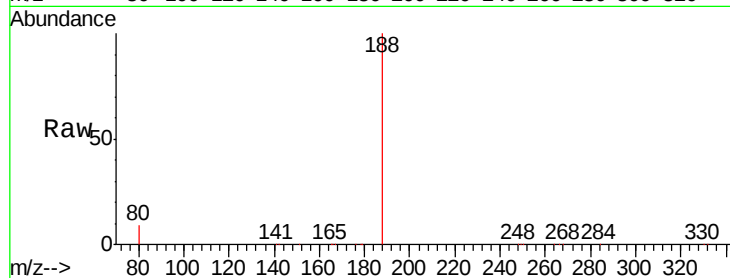
Tgt Ion:188 Resp: 31860

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

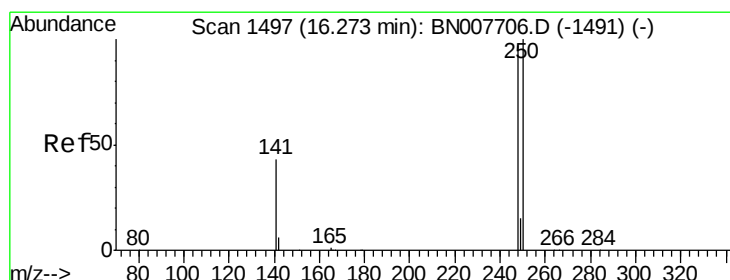
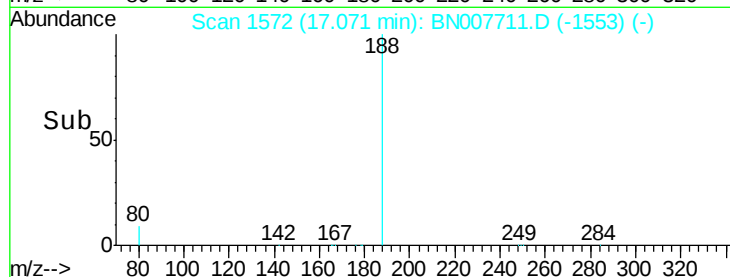
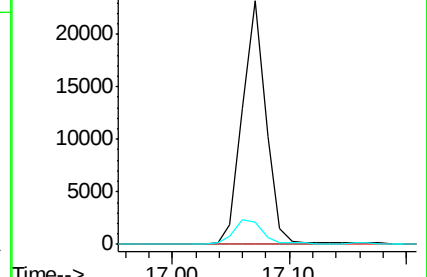
80 9.1 7.4 11.2



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: 0.401 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

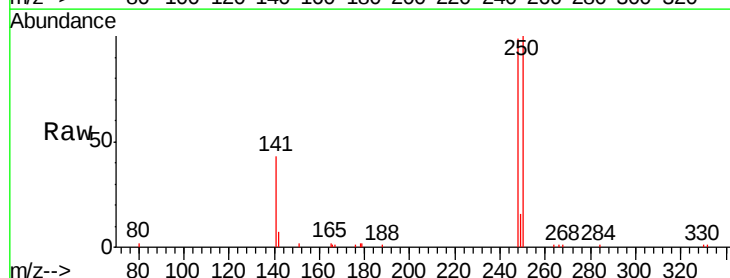
Tgt Ion:248 Resp: 7747

Ion Ratio Lower Upper

248 100

250 101.2 82.2 123.4

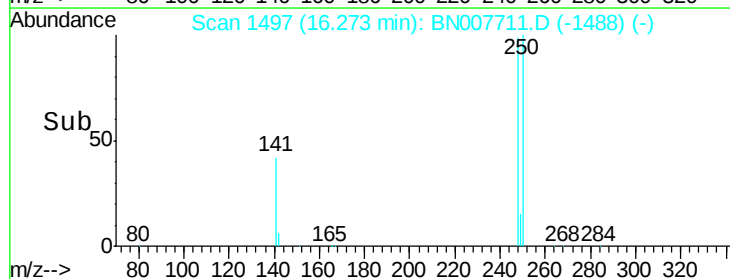
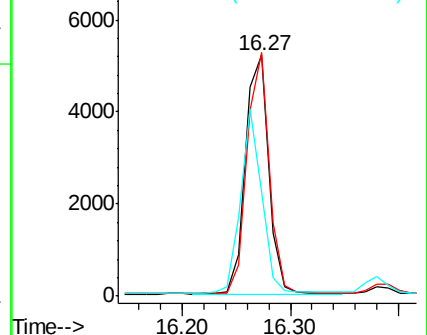
141 43.4 36.3 54.5



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: 0.407 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

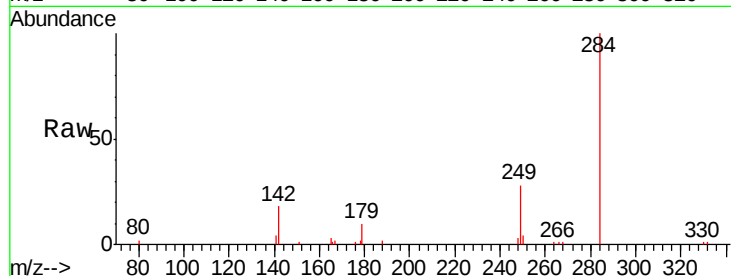
Tgt Ion:284 Resp: 8610

Ion Ratio Lower Upper

284 100

142 32.8 25.8 38.6

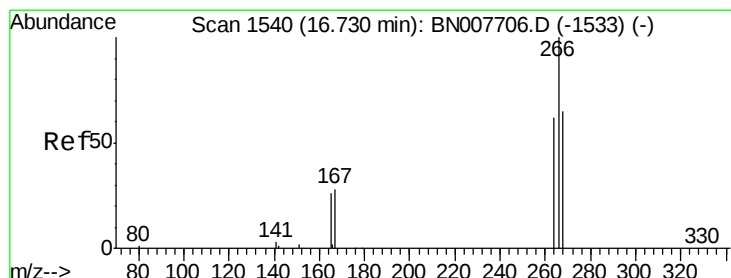
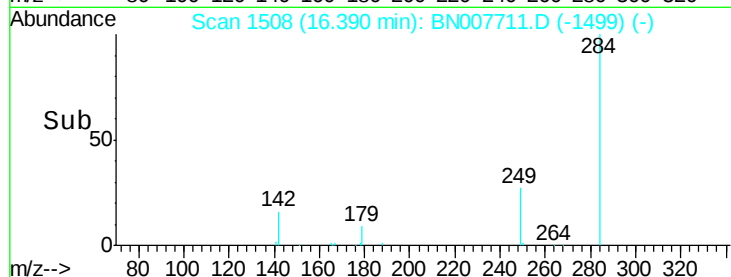
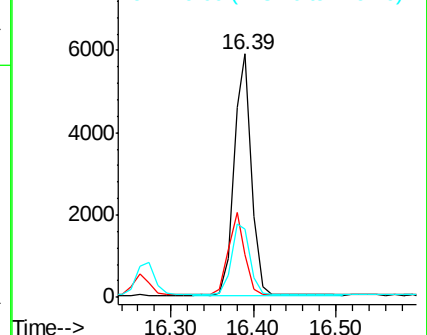
249 31.6 25.9 38.9



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: 0.328 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

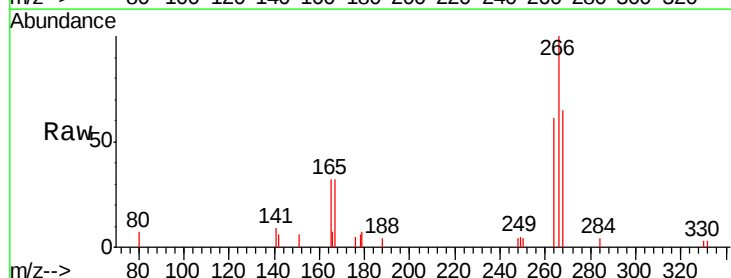
Tgt Ion:266 Resp: 2553

Ion Ratio Lower Upper

266 100

264 61.0 50.0 75.0

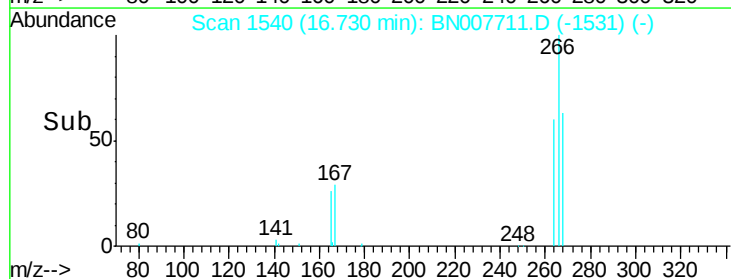
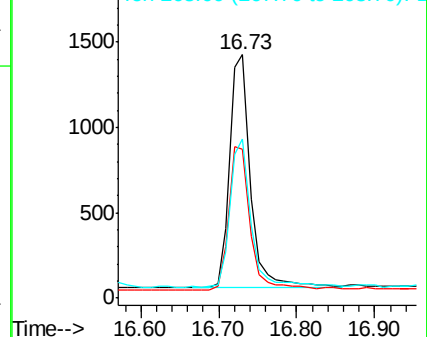
268 65.4 54.2 81.4

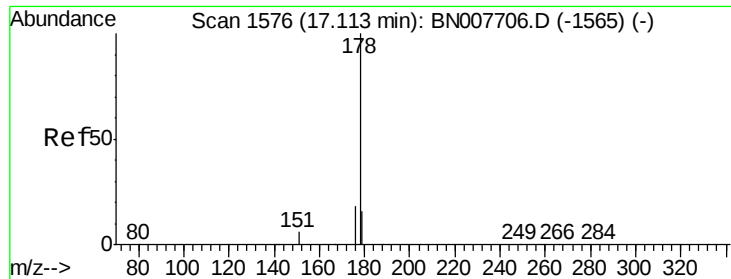


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

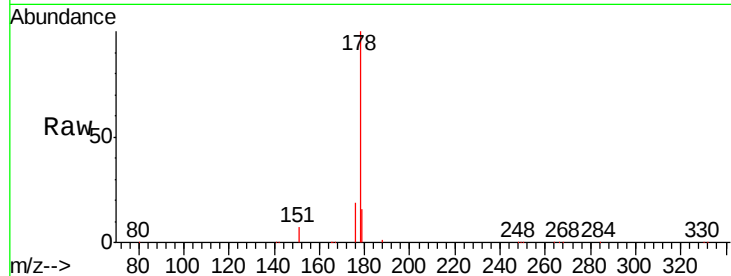
Tgt Ion:178 Resp: 39581

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

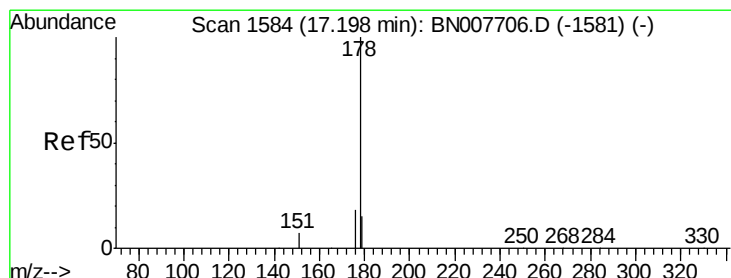
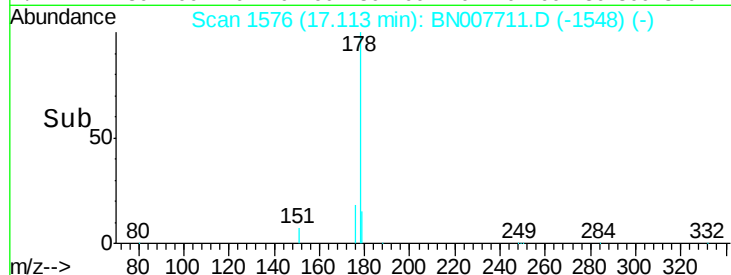
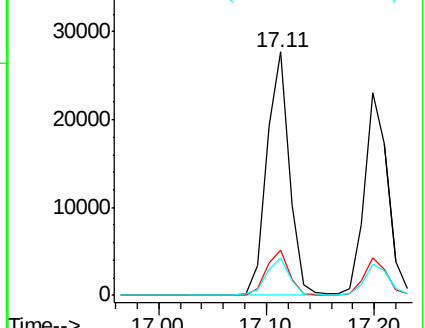
179 15.4 12.5 18.7



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: 0.384 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

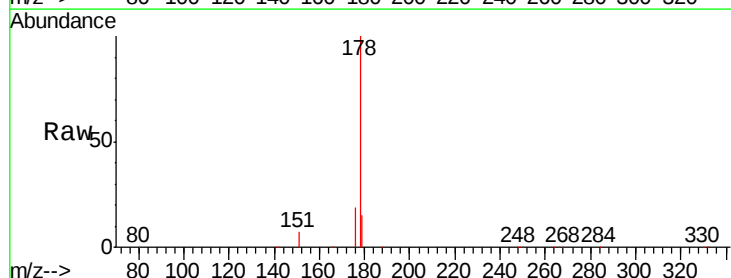
Tgt Ion:178 Resp: 34389

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

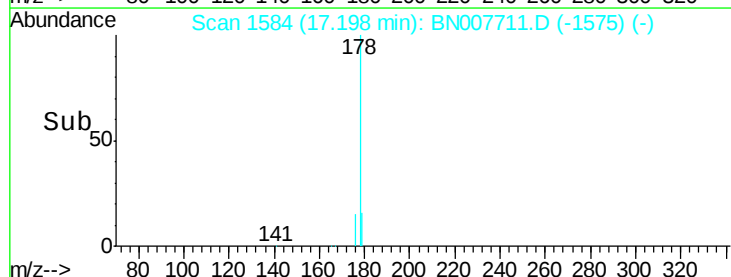
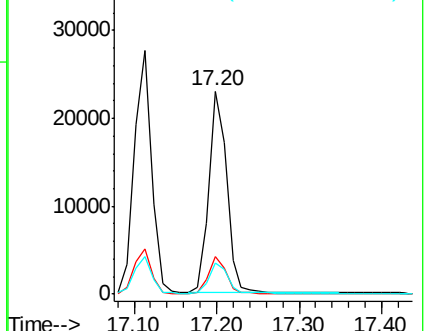
179 15.4 12.2 18.4

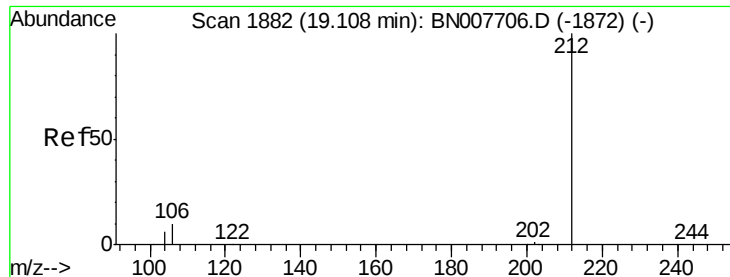


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

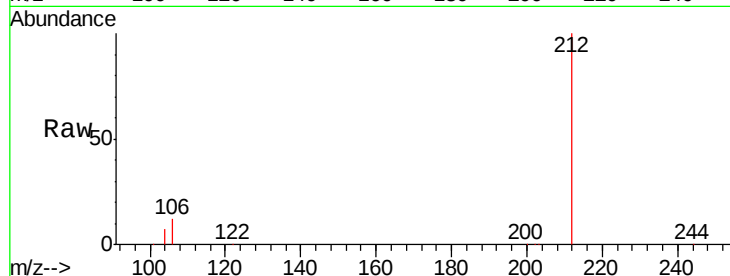
Tgt Ion:212 Resp: 41861

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

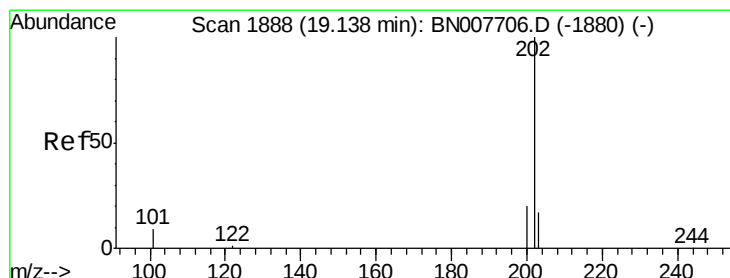
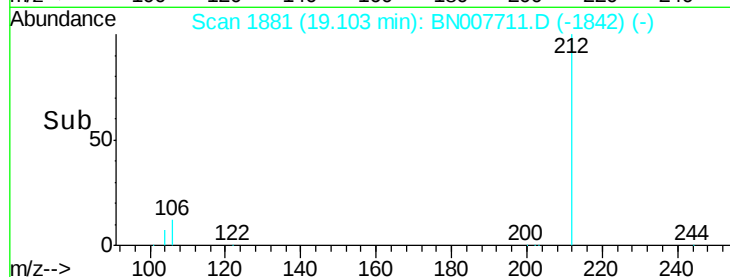
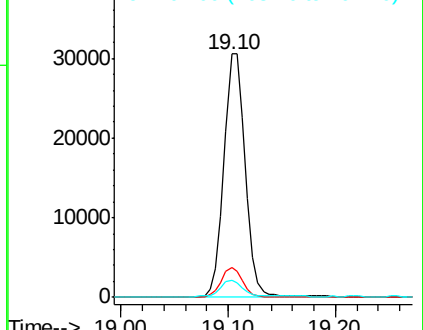
104 6.6 5.3 7.9



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: 0.393 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

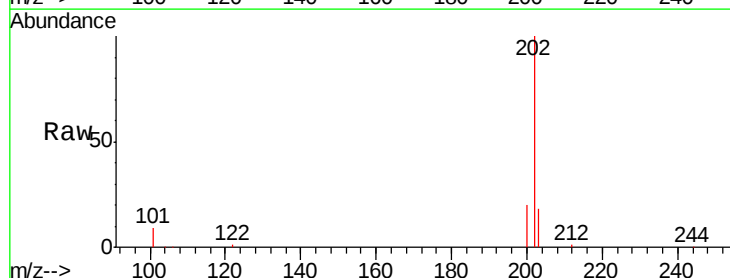
Tgt Ion:202 Resp: 48528

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

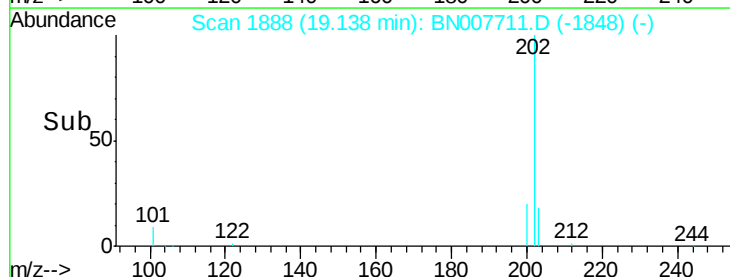
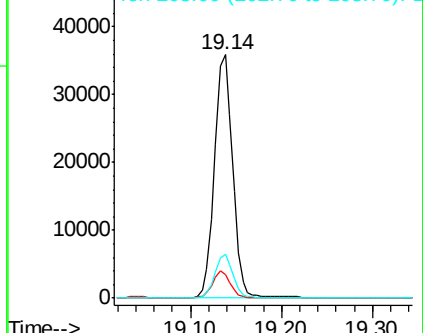
203 17.2 13.8 20.8

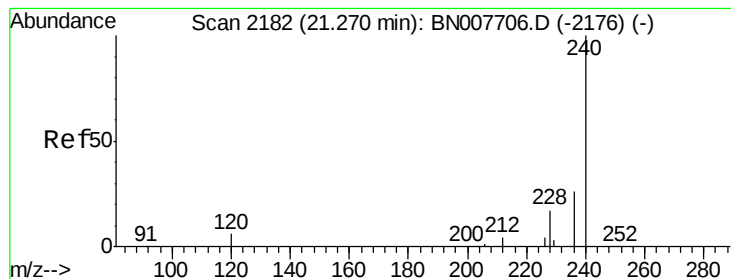


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2182

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

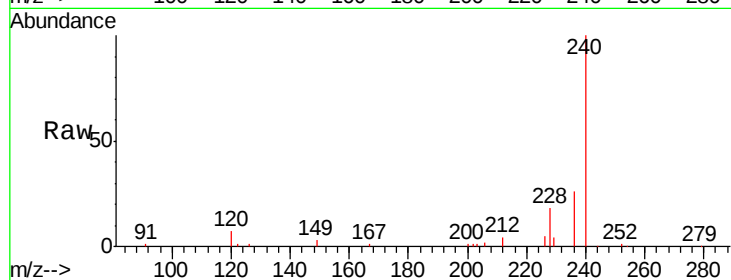
Tgt Ion:240 Resp: 35925

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

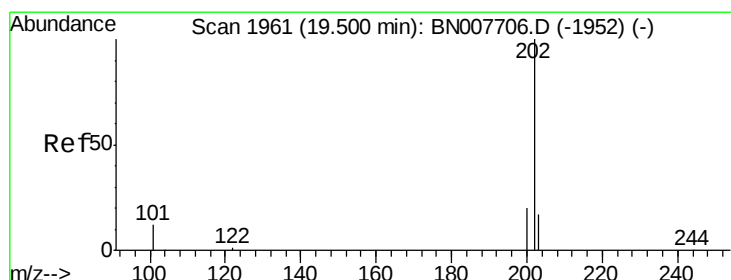
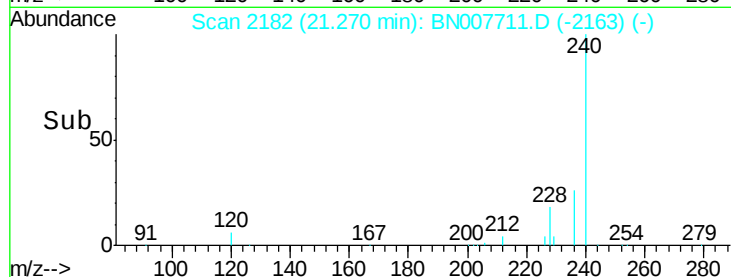
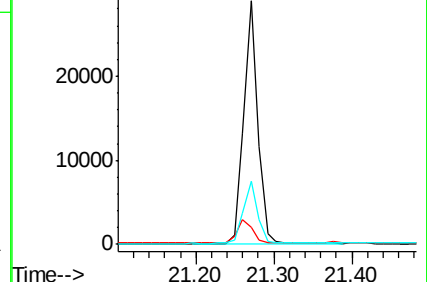
236 25.9 21.0 31.4



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: 0.395 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

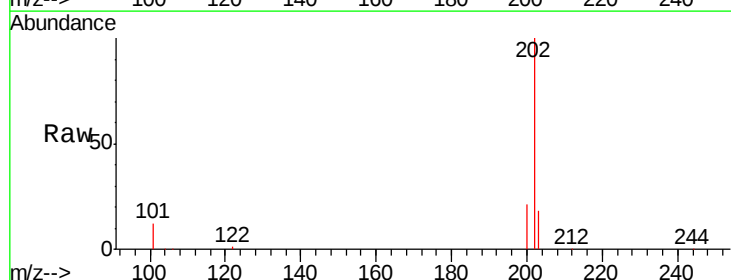
Tgt Ion:202 Resp: 48418

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

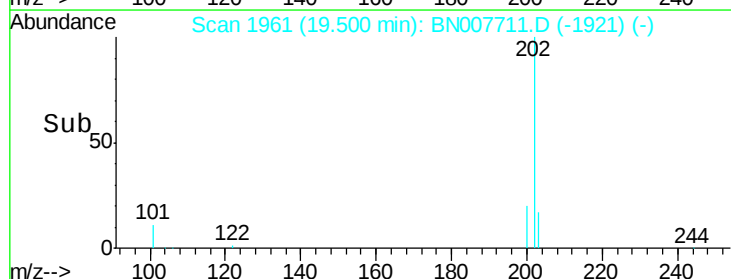
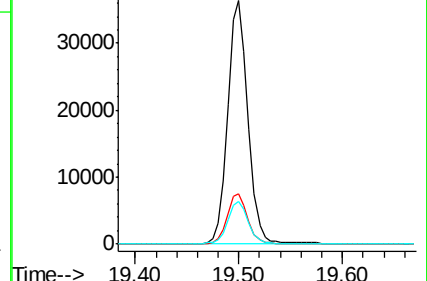
203 17.5 14.1 21.1

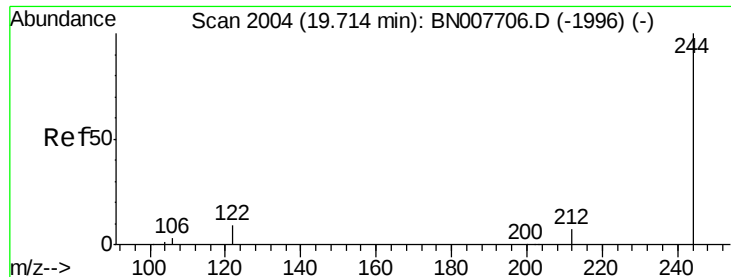


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

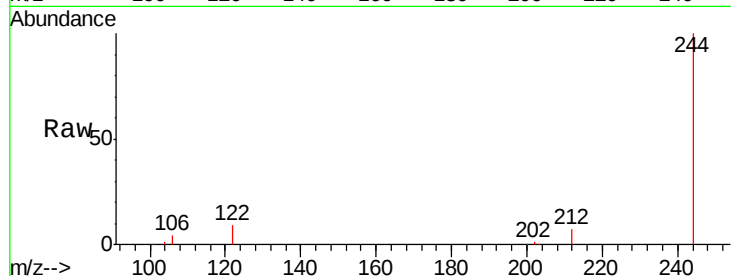
Tgt Ion:244 Resp: 34634

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

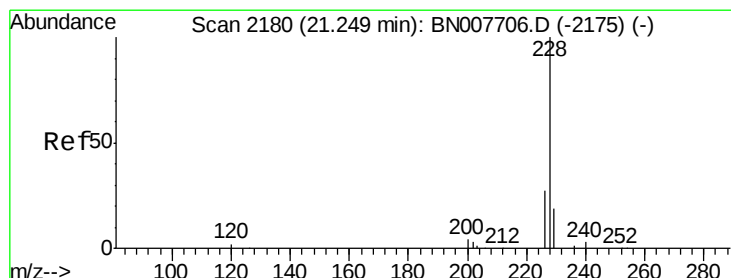
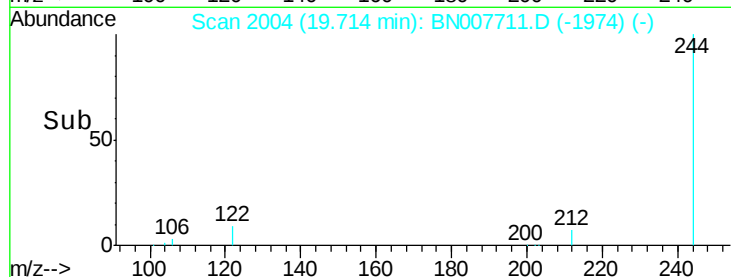
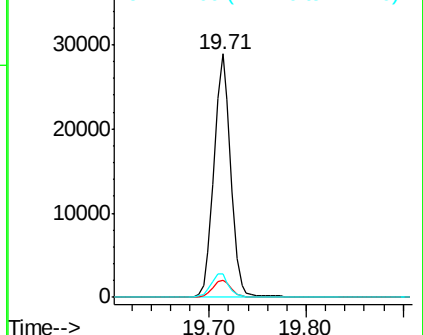
122 9.5 7.4 11.2



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: 0.387 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

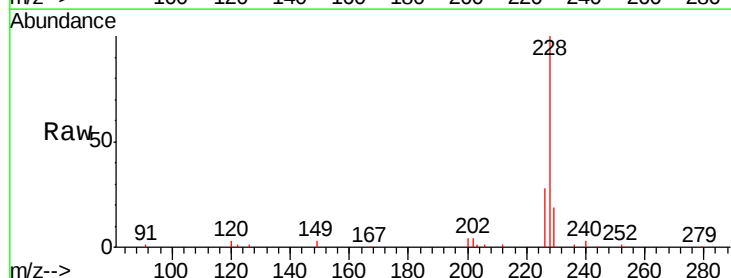
Tgt Ion:228 Resp: 51223

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

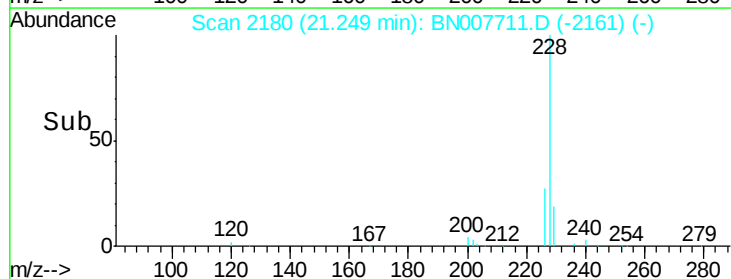
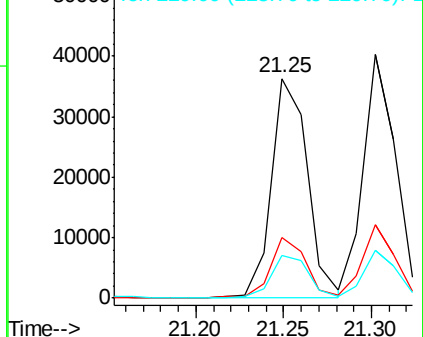
229 19.3 15.8 23.6



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: 0.395 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

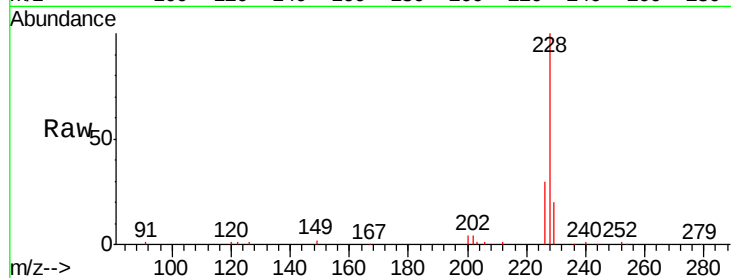
Tgt Ion:228 Resp: 50971

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

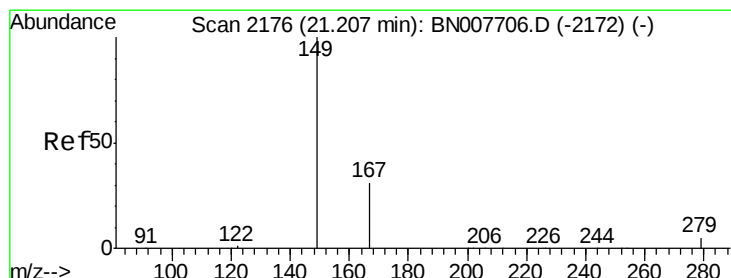
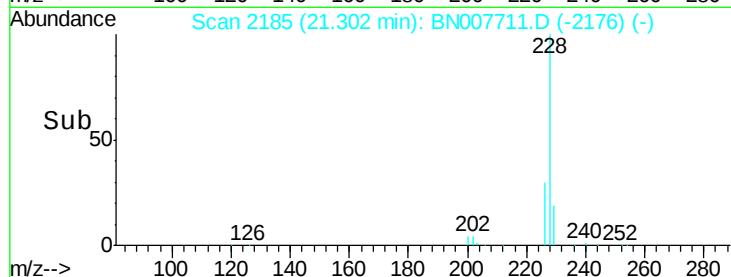
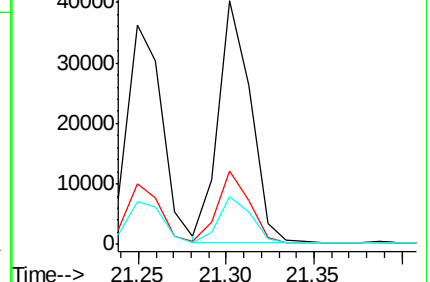
229 19.6 15.8 23.6



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: 0.317 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

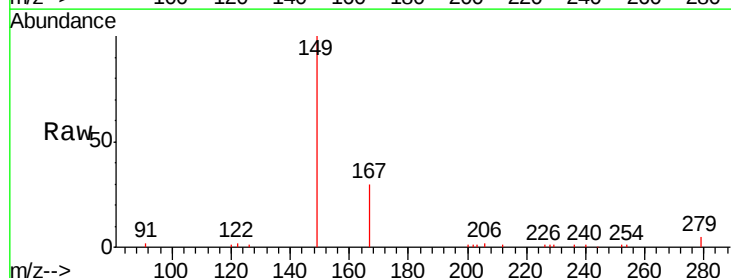
Tgt Ion:149 Resp: 21546

Ion Ratio Lower Upper

149 100

167 29.0 23.7 35.5

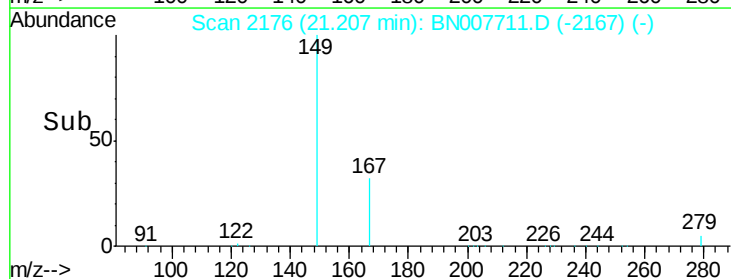
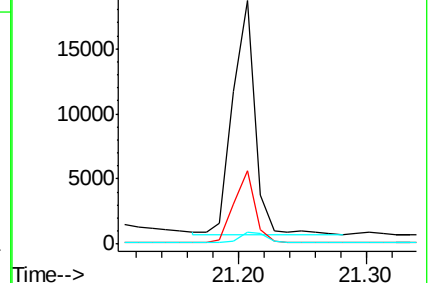
279 5.0 4.2 6.2



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: 0.368 ng

RT: 25.71 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

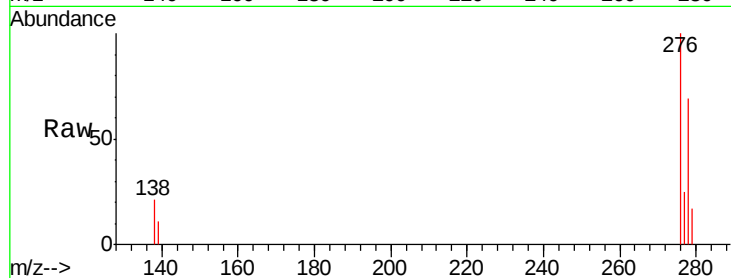
Tgt Ion: 276 Resp: 59326

Ion Ratio Lower Upper

276 100

138 21.8 17.1 25.7

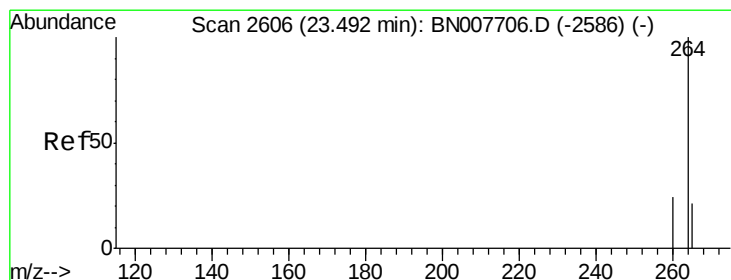
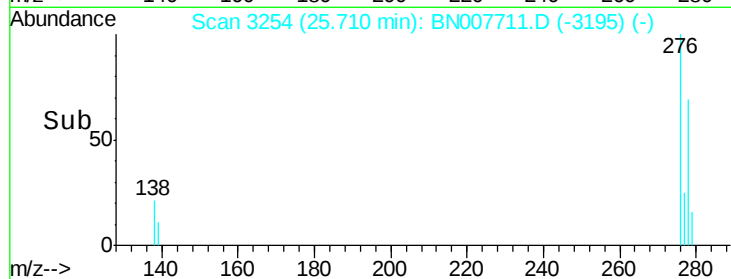
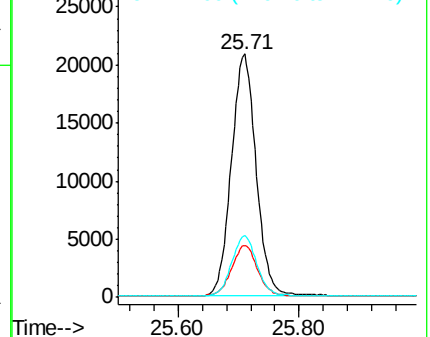
277 25.0 20.0 30.0



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: BN007711.D

Acq: 18 Sep 2019 18:29

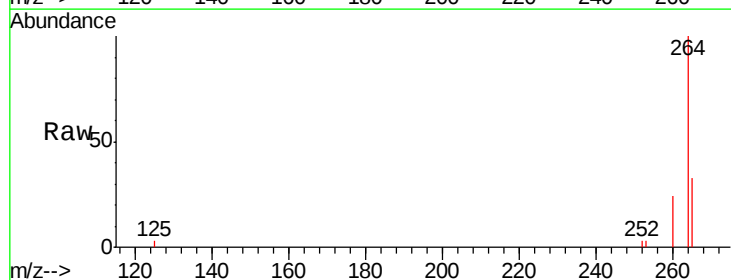
Tgt Ion: 264 Resp: 38413

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

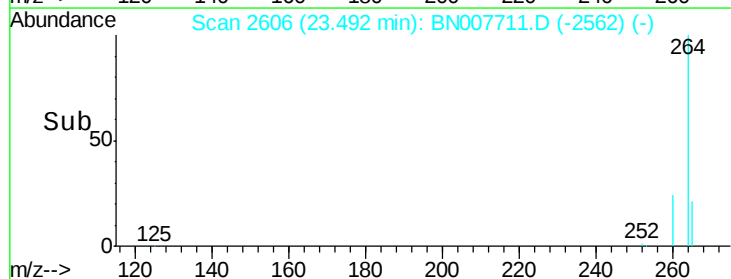
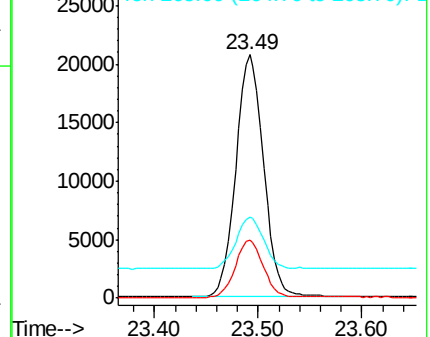
265 33.3 26.9 40.3



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: 0.390 ng

RT: 22.83 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

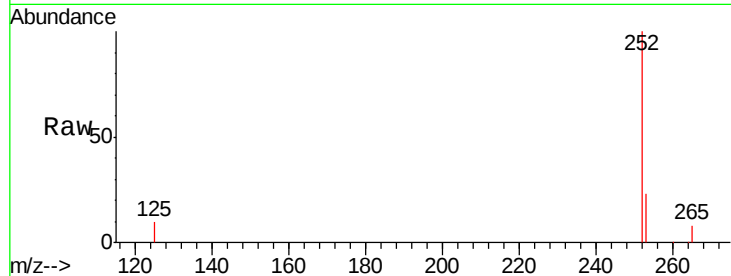
Tgt Ion:252 Resp: 52020

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

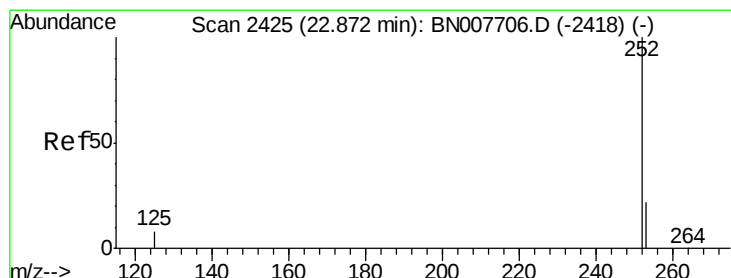
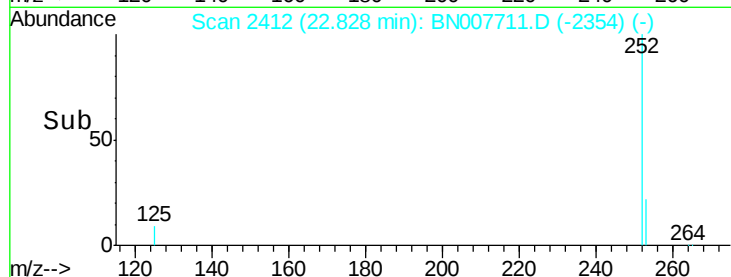
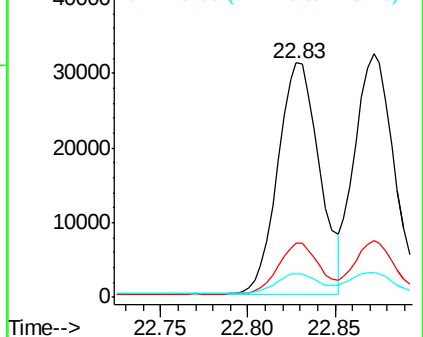
125 10.2 8.2 12.4



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: 0.385 ng

RT: 22.87 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

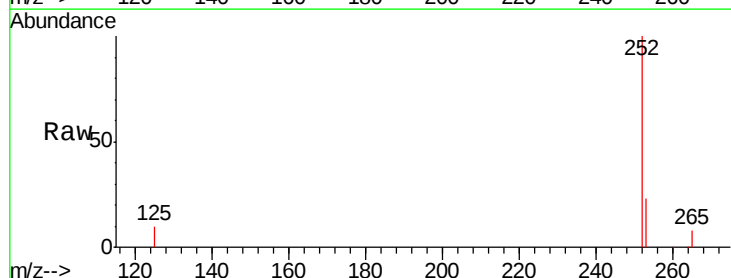
Tgt Ion:252 Resp: 50744

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

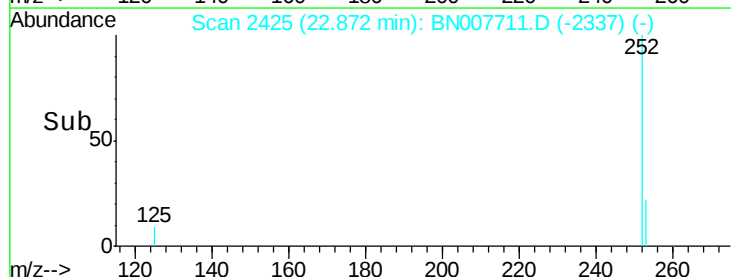
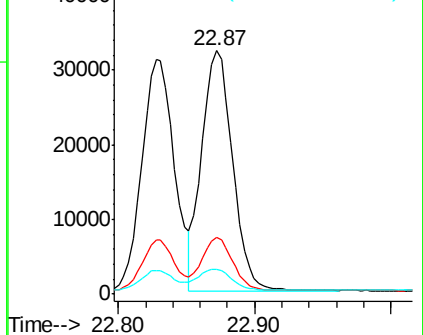
125 10.4 8.4 12.6

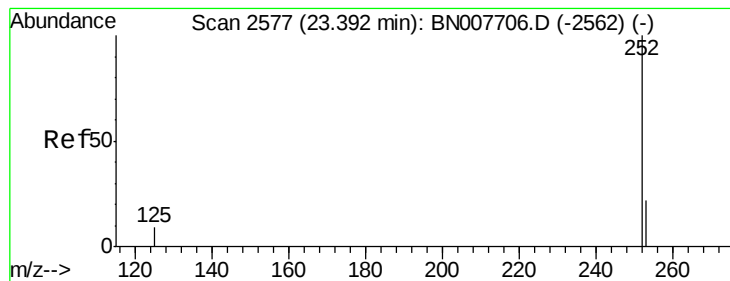


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.39 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819

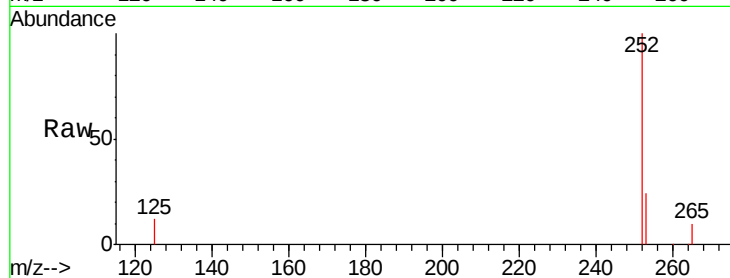
Tgt Ion:252 Resp: 47325

Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

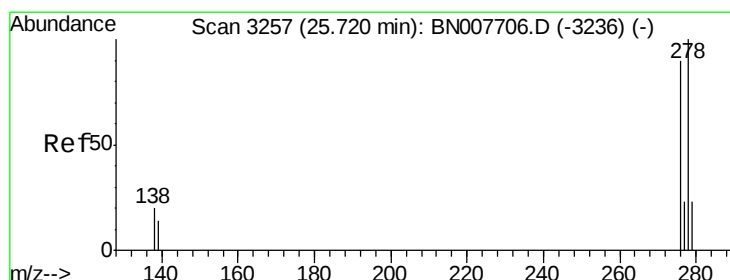
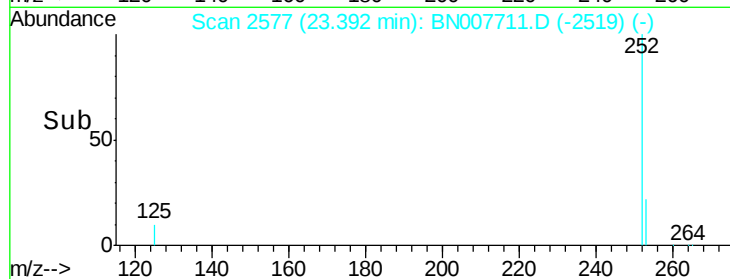
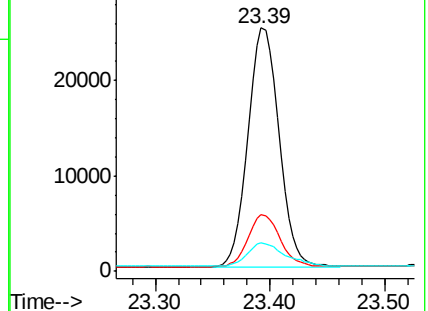
125 11.6 9.4 14.0



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: 0.378 ng

RT: 25.72 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BN007711.D

Acq: 18 Sep 2019 18:29

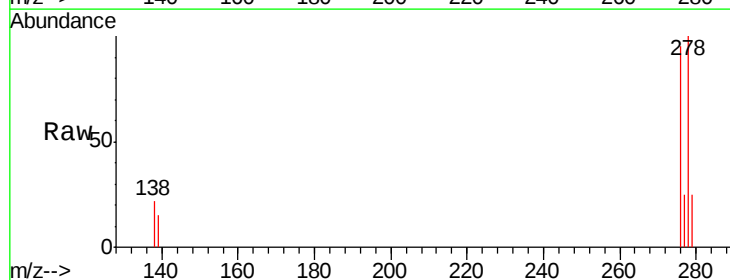
Tgt Ion:278 Resp: 48441

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

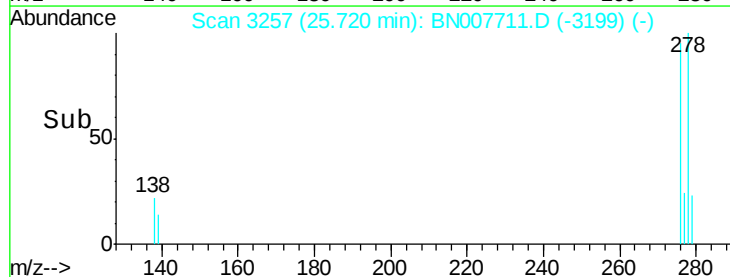
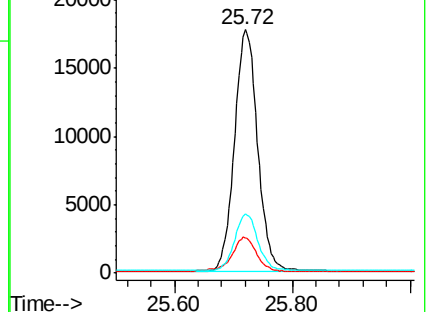
279 24.5 19.4 29.2

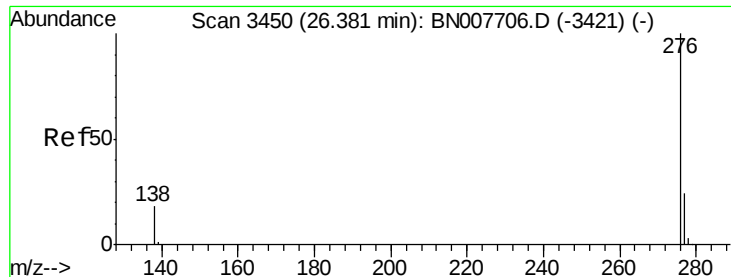


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 26.38 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BN007711.D

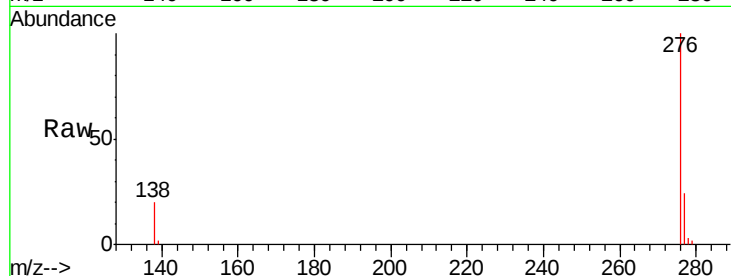
Acq: 18 Sep 2019 18:29

Instrument :

BNA_N

ClientSampleId :

ICVBN091819



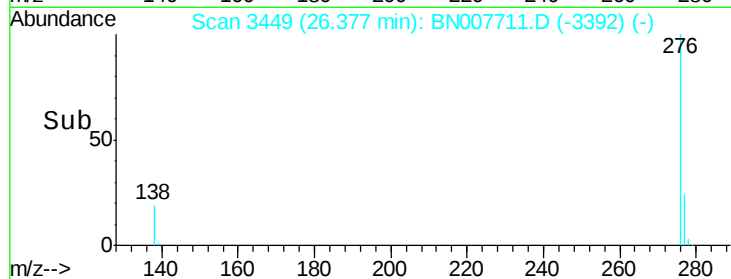
Tgt Ion: 276 Resp: 47840

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 19.6 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

