

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007708.D
 Acq On : 18 Sep 2019 16:36
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 17:24:17 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	5371	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	21935	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12773	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31078	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36074	0.40	ng	0.00
34) Perylene-d12	23.49	264	38873	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	26488	1.62	ng	0.00
5) Phenol-d6	6.87	99	34956	1.39	ng	0.00
8) Nitrobenzene-d5	8.83	82	31062	2.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	61310	1.62	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	10645	2.19	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	87392	1.66	ng	0.00
25) Fluoranthene-d10	19.10	212	170868	1.69	ng	0.00
29) Terphenyl-d14	19.71	244	142405	1.52	ng	0.00

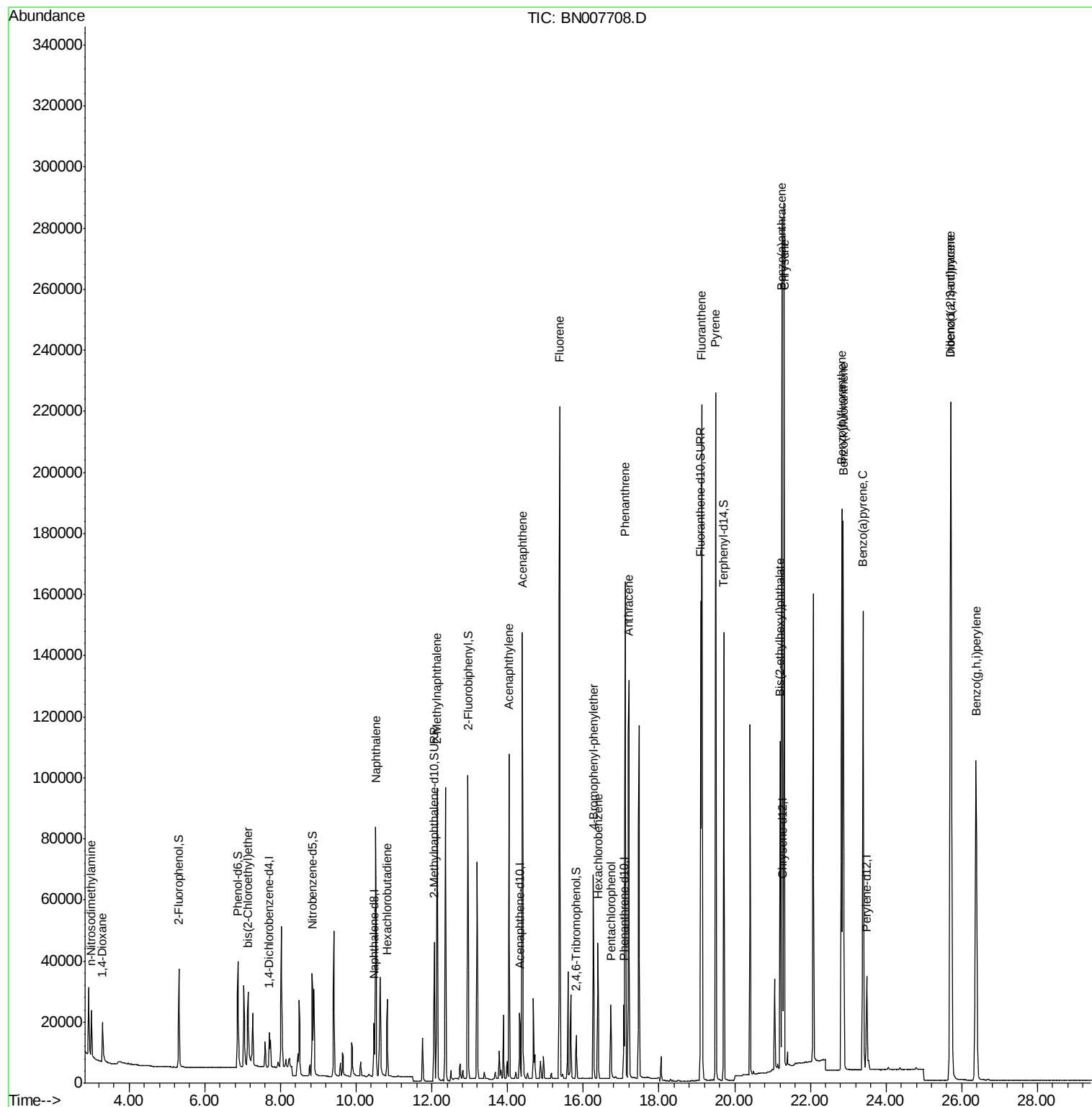
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	10814	1.909	ng	# 88
3) n-Nitrosodimethylamine	3.01	42	1752	0.546	ng	# 91
6) bis(2-Chloroethyl)ether	7.14	93	26659	2.517	ng	93
9) Naphthalene	10.52	128	100669	1.632	ng	100
10) Hexachlorobutadiene	10.82	225	20890	1.689	ng	# 100
12) 2-Methylnaphthalene	12.14	142	69580	1.609	ng	99
16) Acenaphthylene	14.04	152	112821	1.645	ng	100
17) Acenaphthene	14.39	154	72545	1.674	ng	100
18) Fluorene	15.38	166	93166	1.633	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	30698	1.670	ng	# 90
21) Hexachlorobenzene	16.39	284	33744	1.746	ng	99
22) Pentachlorophenol	16.73	266	12799	2.382	ng	97
23) Phenanthrene	17.11	178	156661	1.633	ng	100
24) Anthracene	17.20	178	144505	1.633	ng	100
26) Fluoranthene	19.13	202	197724	1.699	ng	100
28) Pyrene	19.50	202	196813	1.518	ng	100
30) Benzo(a)anthracene	21.25	228	217832	1.688	ng	99
31) Chrysene	21.30	228	208212	1.588	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	100502	2.275	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	261462	1.886	ng	100
35) Benzo(b)fluoranthene	22.83	252	219044	1.585	ng	98
36) Benzo(k)fluoranthene	22.87	252	221169	1.619	ng	97
37) Benzo(a)pyrene	23.39	252	207121	1.685	ng	97
38) Dibenzo(a,h)anthracene	25.72	278	214012	1.734	ng	99
39) Benzo(g,h,i)perylene	26.38	276	211244	1.691	ng	99

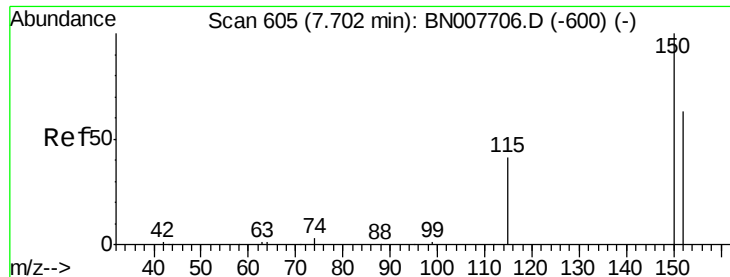
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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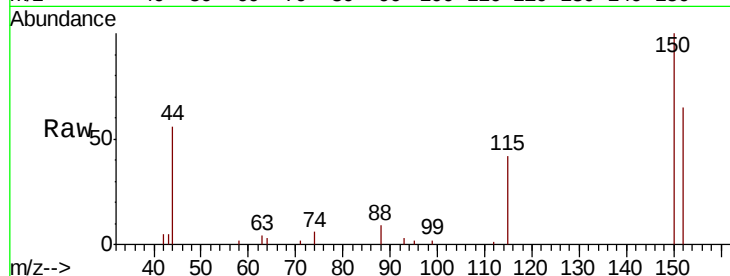


#1

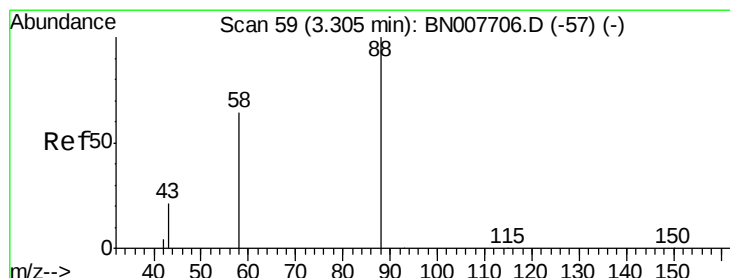
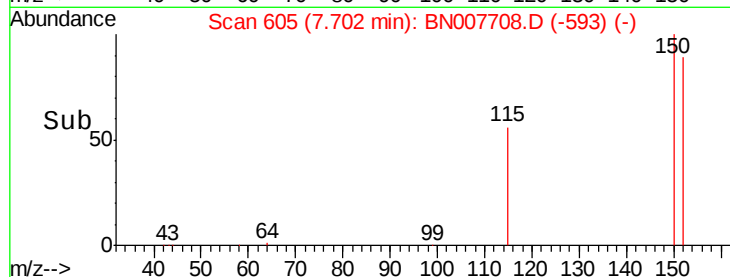
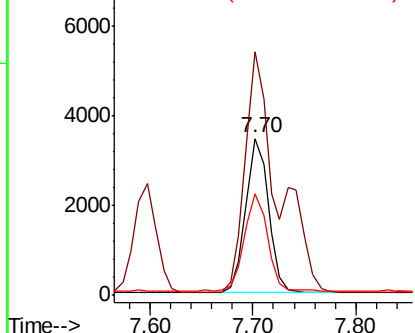
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5371
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 64.5 53.3 79.9



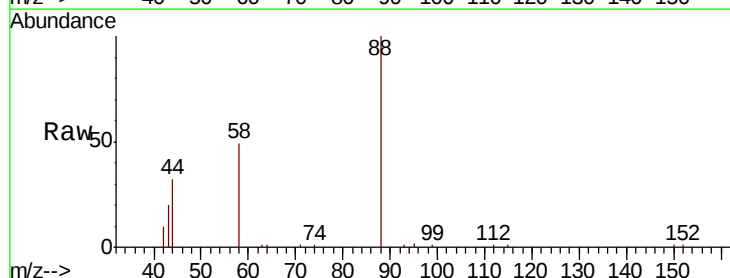
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



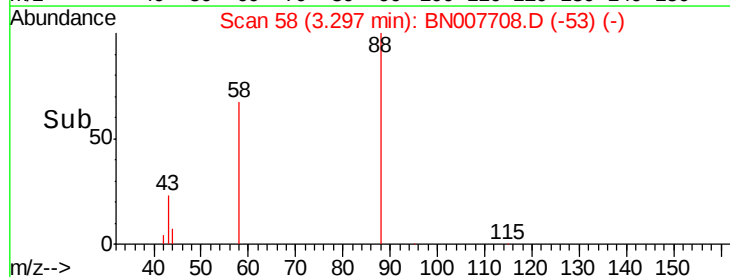
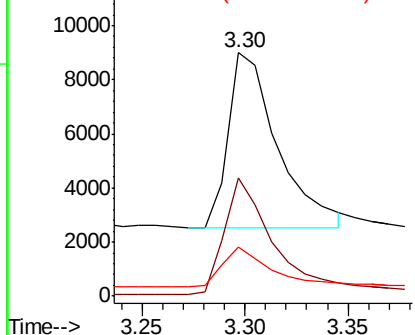
#2

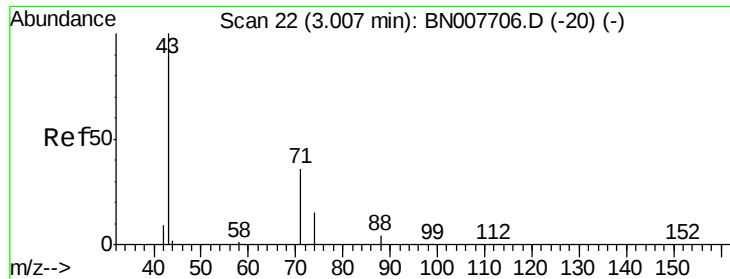
1,4-Dioxane
Concen: 1.909 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Tgt Ion: 88 Resp: 10814
Ion Ratio Lower Upper
88 100
58 64.7 44.6 66.8
43 22.3 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

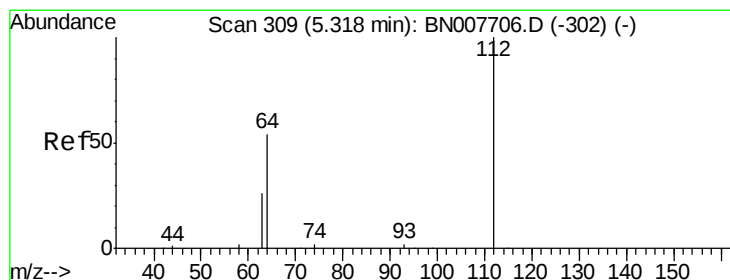
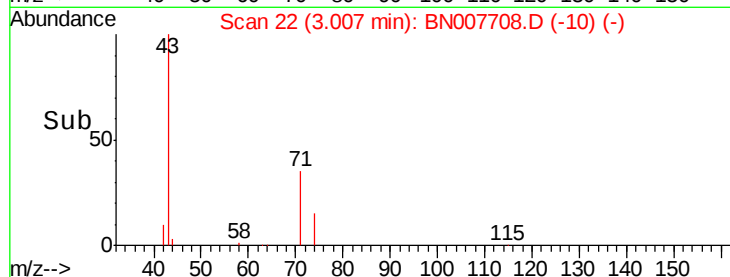
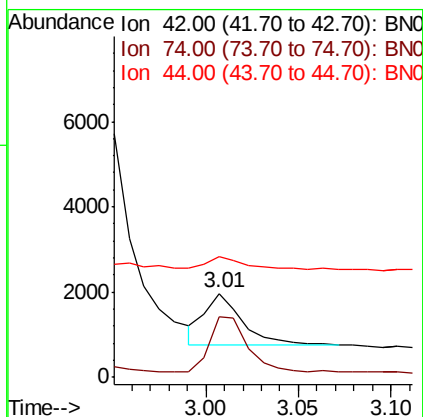
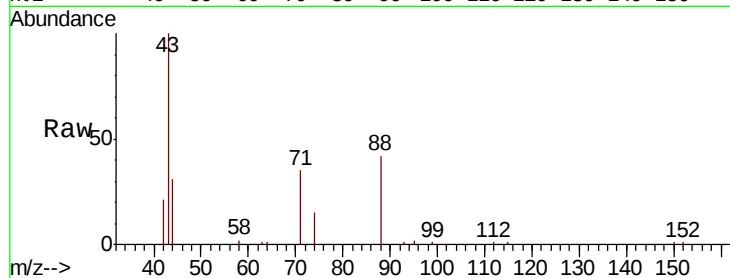




#3
n-Nitrosodimethylamine
Concen: 0.546 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

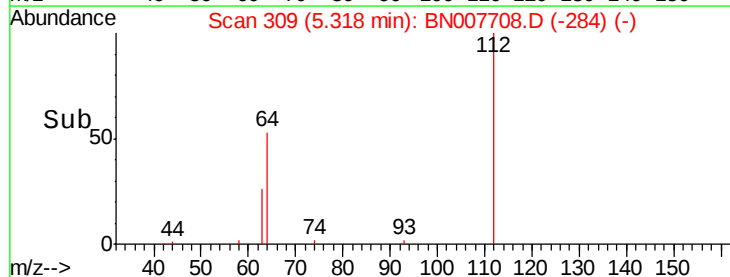
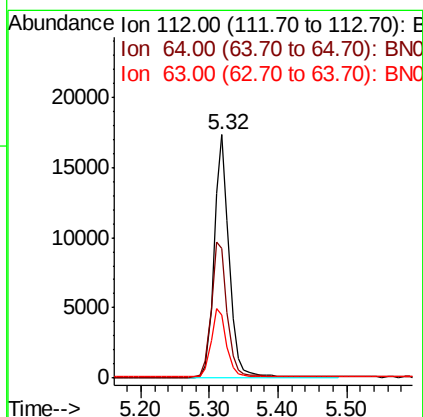
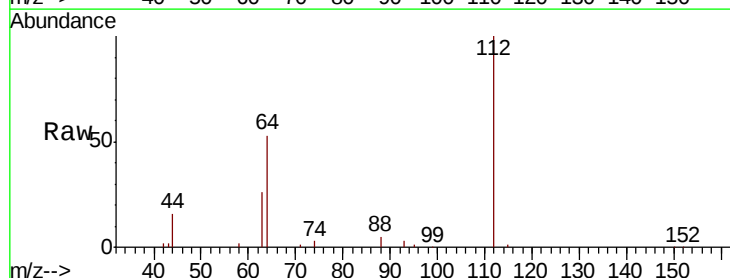
Instrument :
BNA_N
ClientSampled :

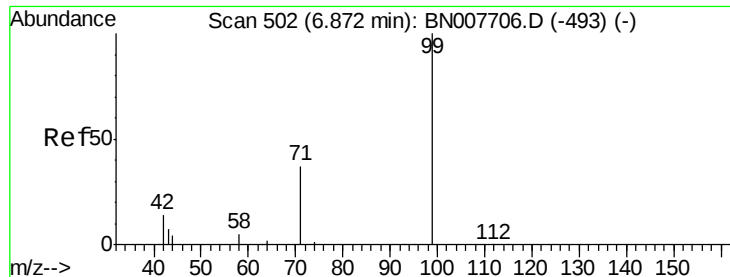
Tot Ion: 42 Resp: 1752
Ion Ratio Lower Upper
42 100
74 104.2 87.9 131.9
44 26.1 29.4 44.0#



#4
2-Fluorophenol
Concen: 1.619 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Tgt Ion: 112 Resp: 26488
Ion Ratio Lower Upper
112 100
64 59.6 46.6 70.0
63 29.2 23.1 34.7





#5

Phenol-d6

Concen: 1.392 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampled :

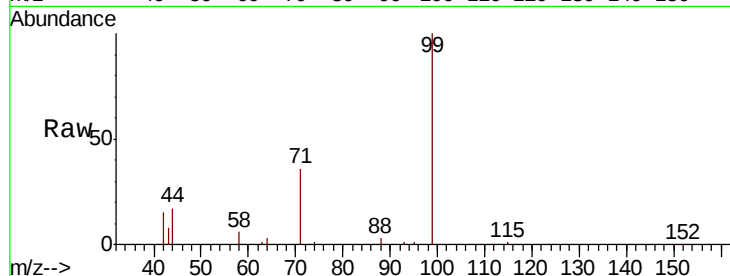
Tot Ion: 99 Resp: 34956

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

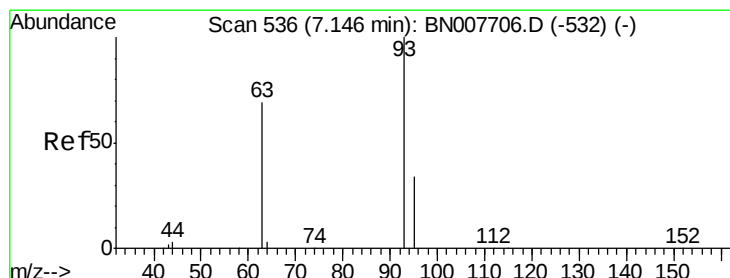
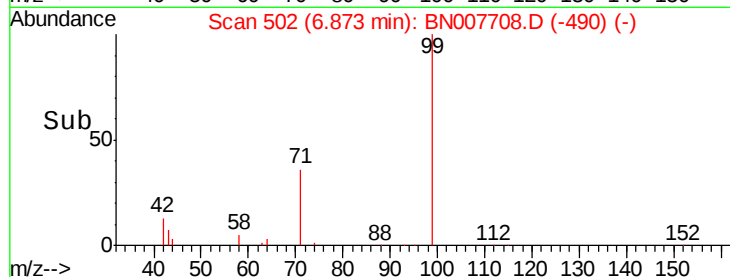
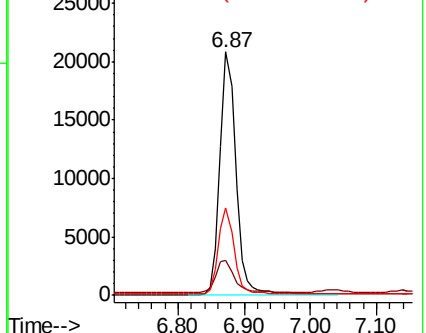
71 35.3 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007708.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007708.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007708.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 2.517 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

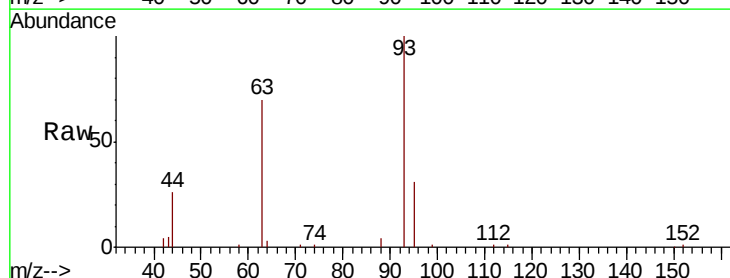
Tgt Ion: 93 Resp: 26659

Ion Ratio Lower Upper

93 100

63 68.8 59.3 88.9

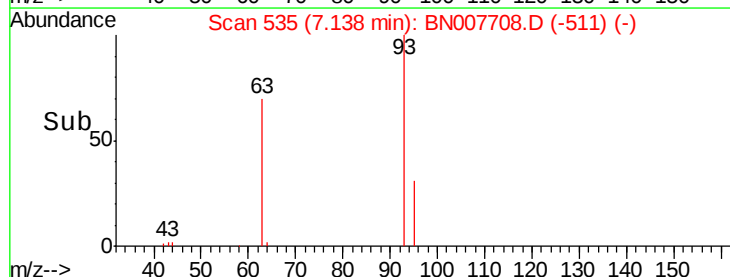
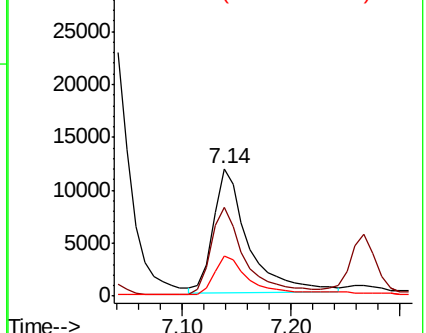
95 34.4 31.4 47.0

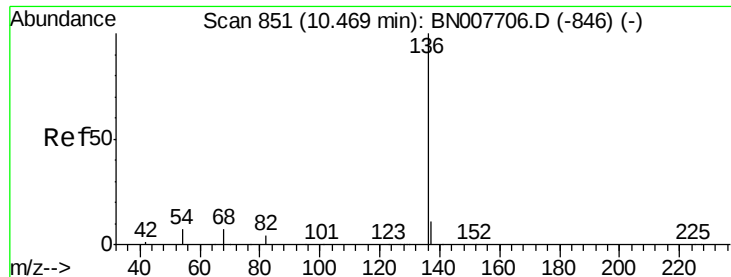


Abundance Ion 93.00 (92.70 to 93.70): BN007708.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007708.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007708.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21935

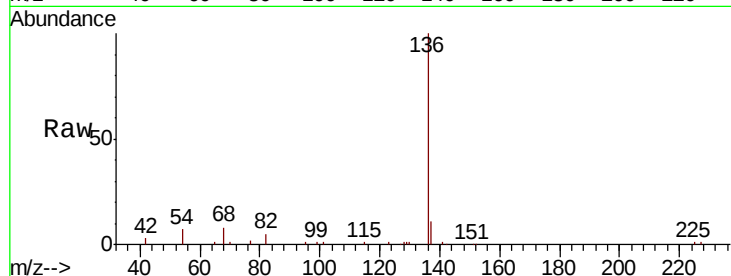
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.0 5.8 8.8

68 7.7 6.5 9.7

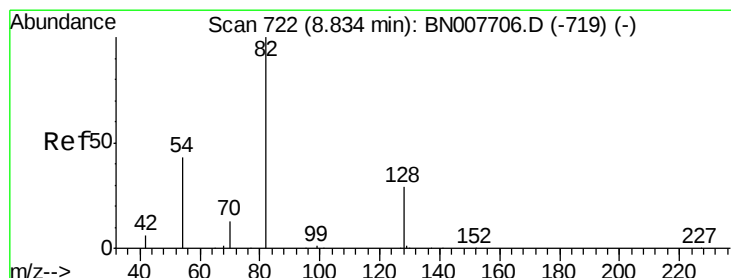
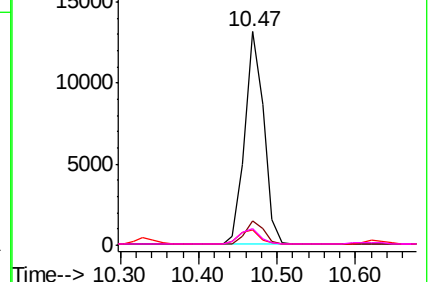
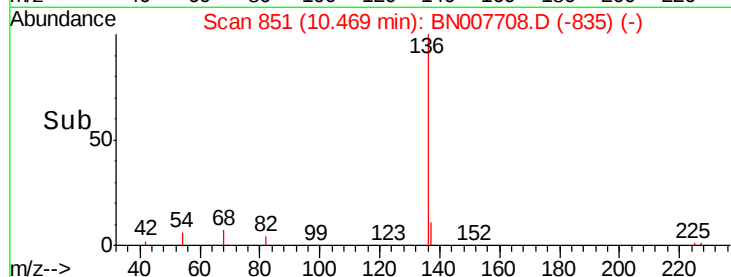


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.325 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

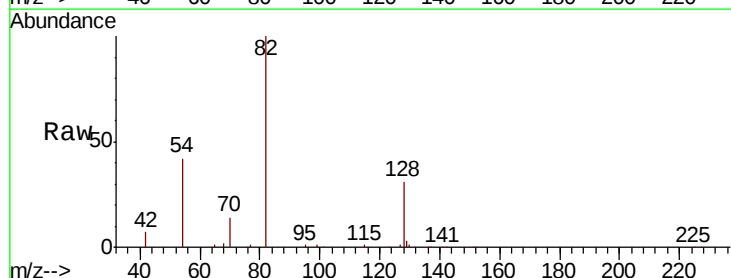
Tgt Ion: 82 Resp: 31062

Ion Ratio Lower Upper

82 100

128 31.1 24.5 36.7

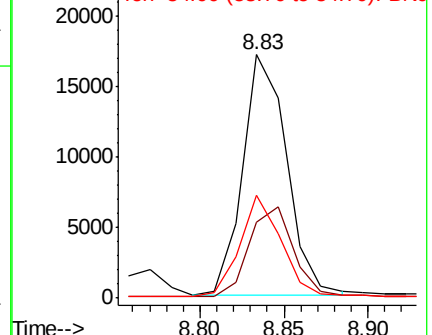
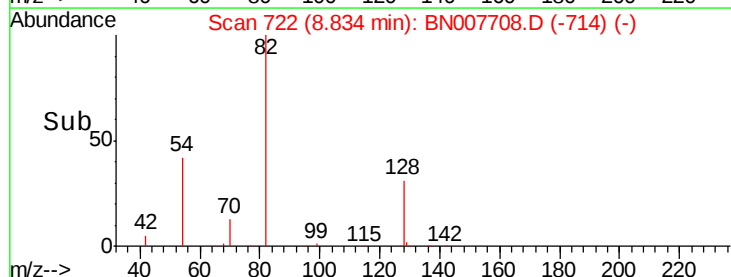
54 42.3 35.2 52.8

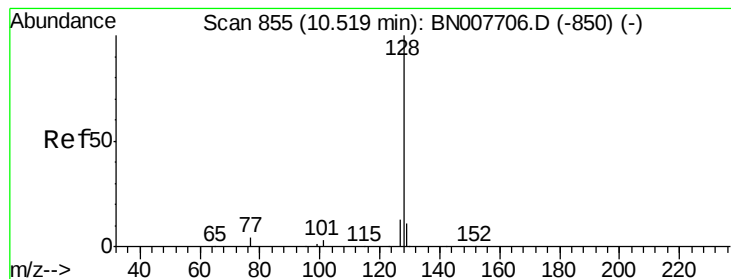


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.632 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

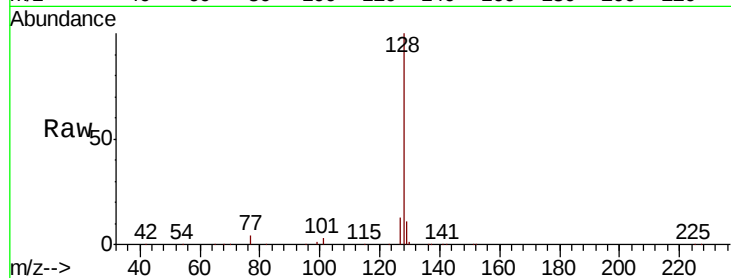
Tot Ion:128 Resp: 100669

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

127 13.2 10.6 15.8

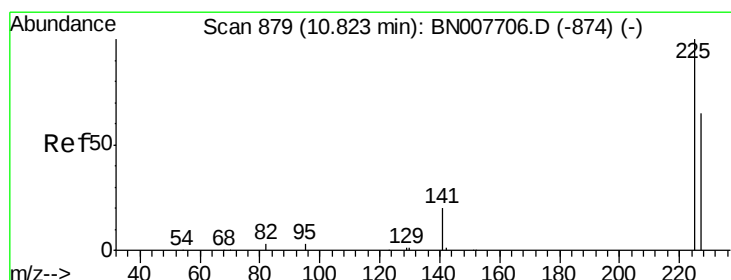
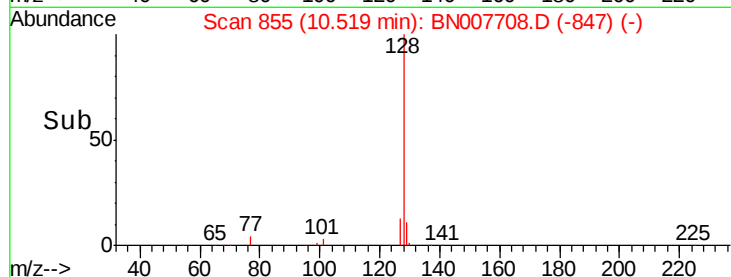
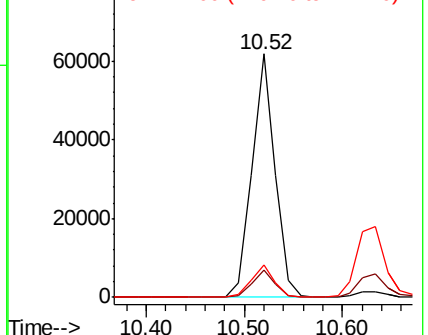


Abundance

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: 1.689 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

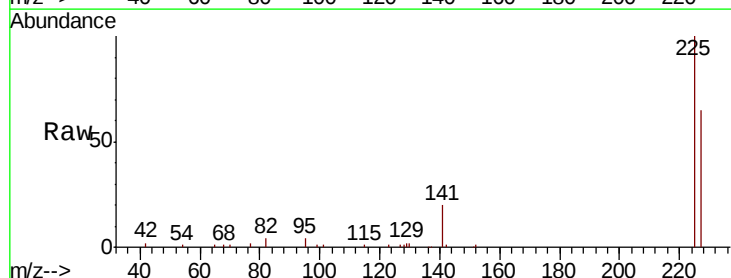
Tgt Ion:225 Resp: 20890

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 51.2 76.8

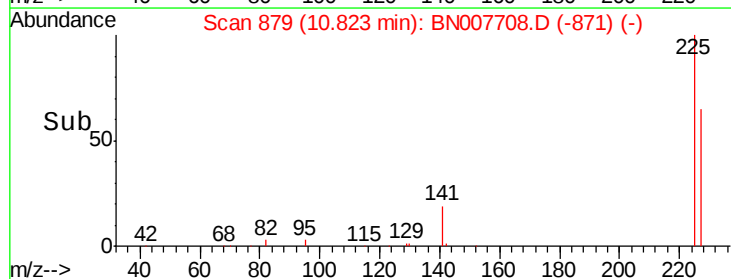
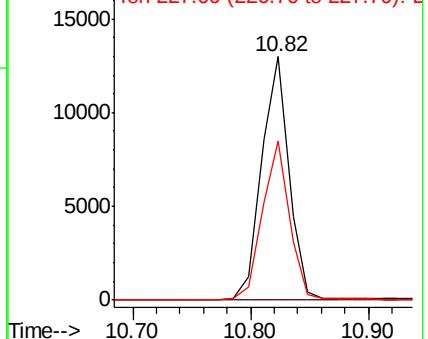


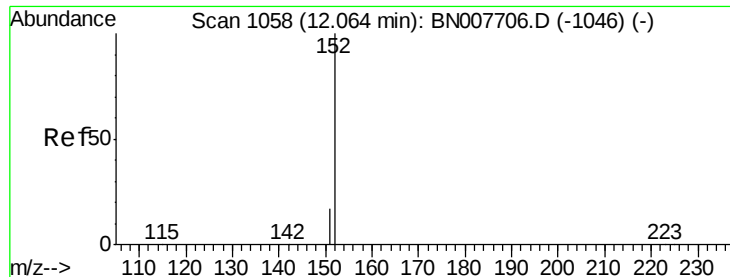
Abundance

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

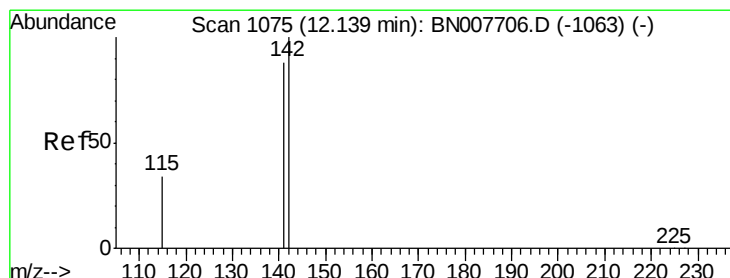
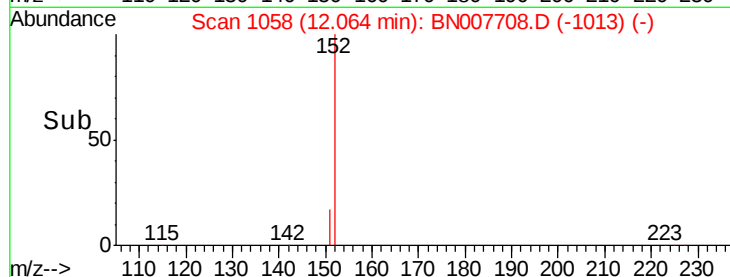
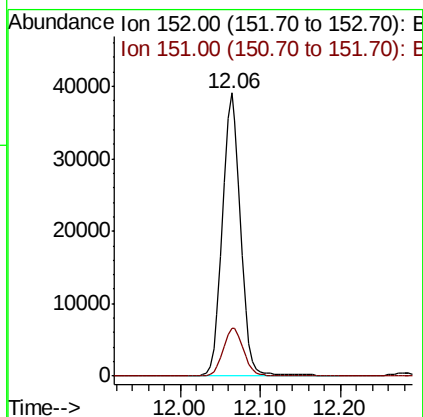
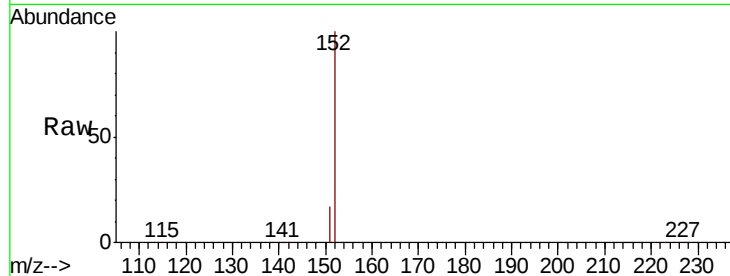




#11
2-Methylnaphthalene-d10
Concen: 1.619 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

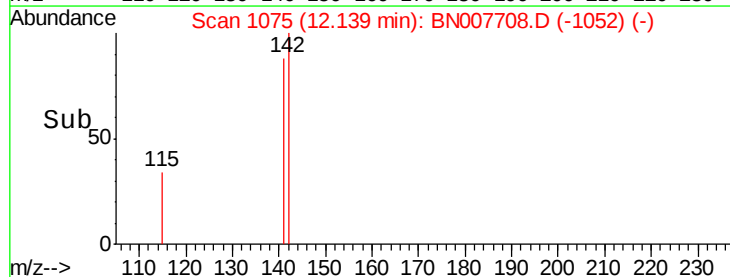
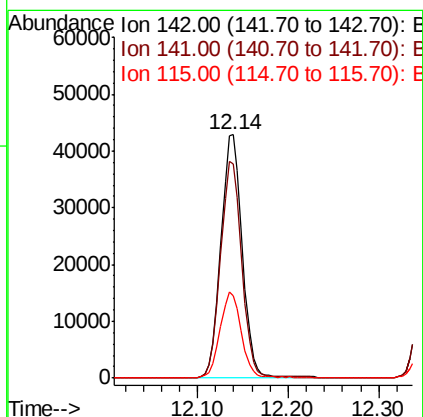
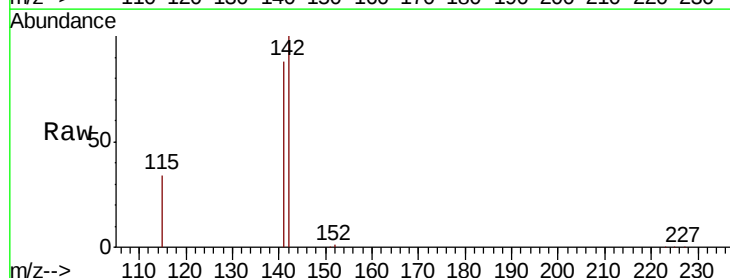
Instrument :
BNA_N
ClientSampleId :

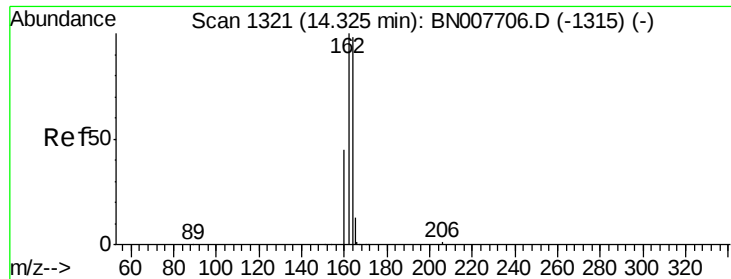
Tot Ion:152 Resp: 61310
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2



#12
2-Methylnaphthalene
Concen: 1.609 ng
RT: 12.14 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Tgt Ion:142 Resp: 69580
Ion Ratio Lower Upper
142 100
141 88.0 70.6 106.0
115 33.7 28.3 42.5

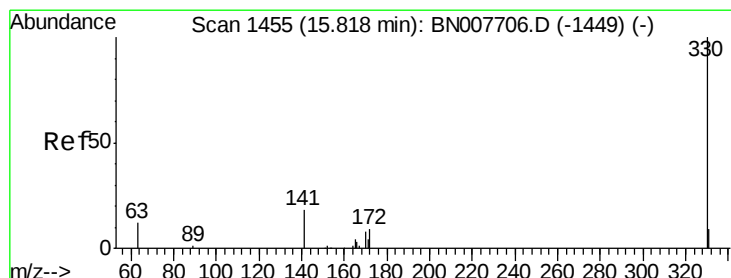
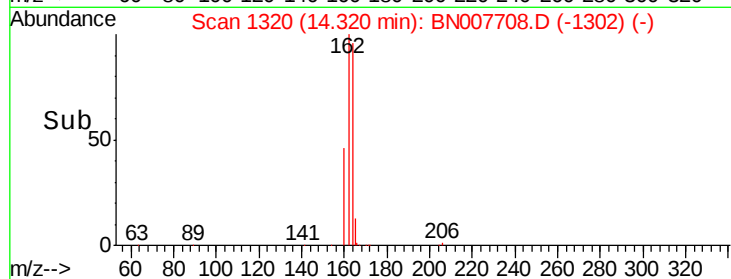
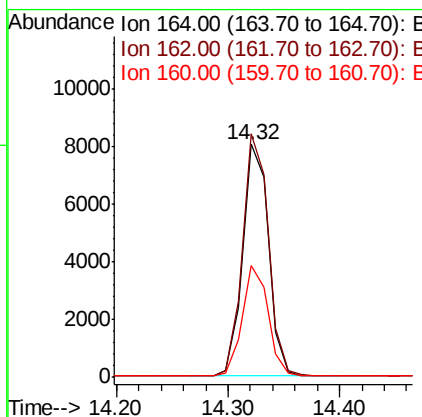
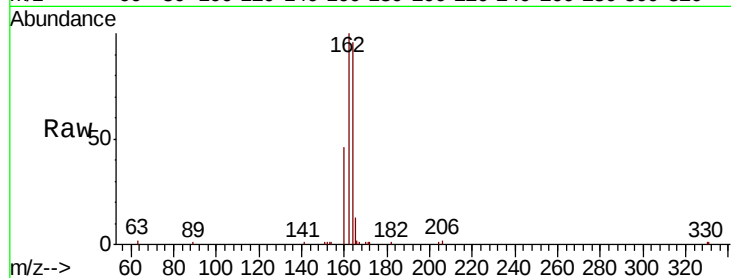




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.32 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BN007708.D
 Acq: 18 Sep 2019 16:36

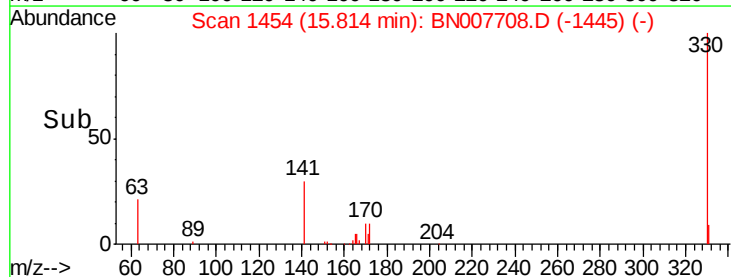
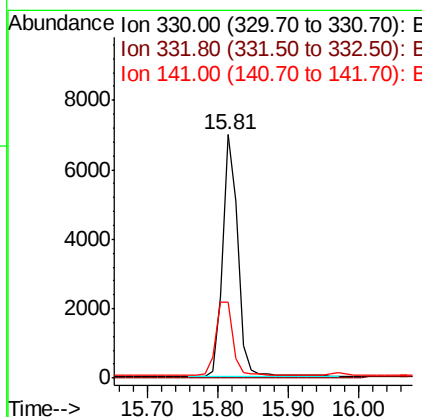
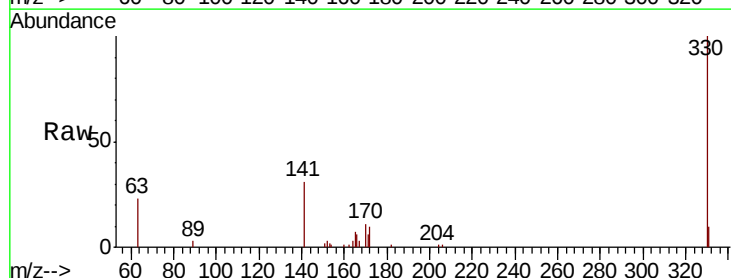
Instrument :
 BNA_N
 ClientSampled :

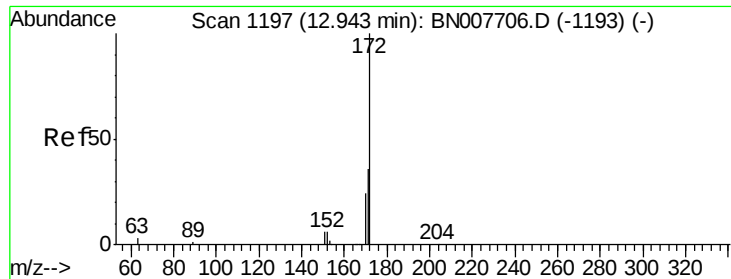
Tot Ion:164 Resp: 12773
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.7 122.5
 160 48.0 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 2.193 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN007708.D
 Acq: 18 Sep 2019 16:36

Tgt Ion:330 Resp: 10645
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.0 28.7 43.1

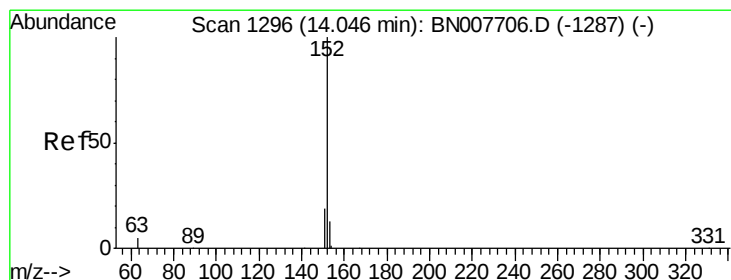
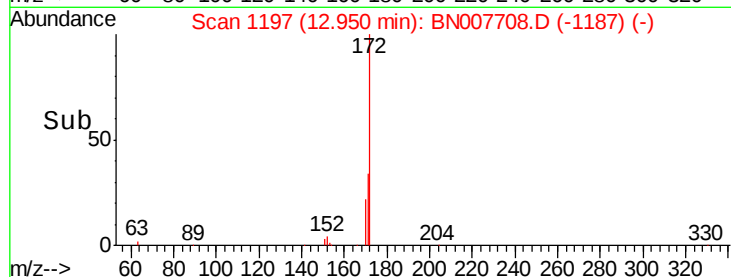
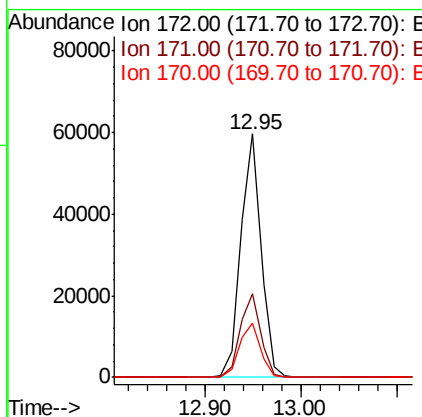
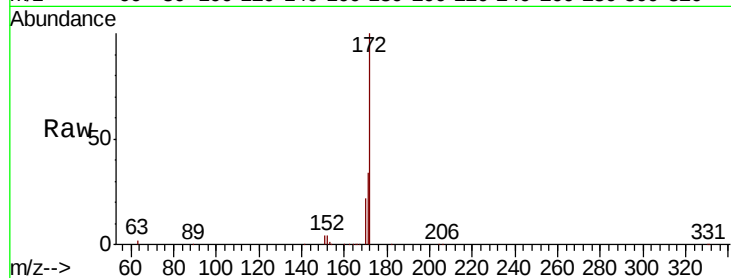




#15
2-Fluorobiphenyl
Concen: 1.655 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

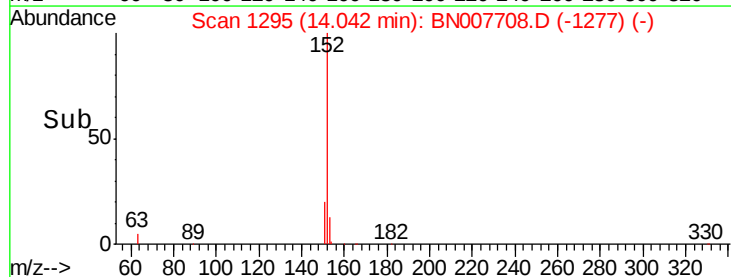
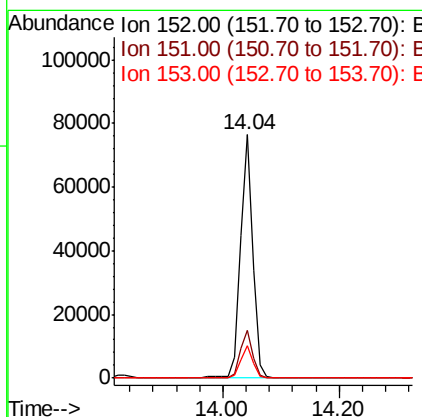
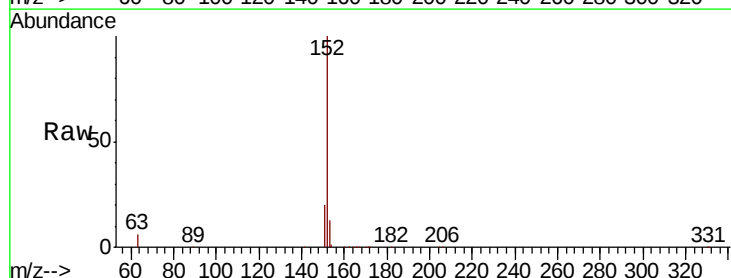
Instrument :
BNA_N
ClientSampleId :

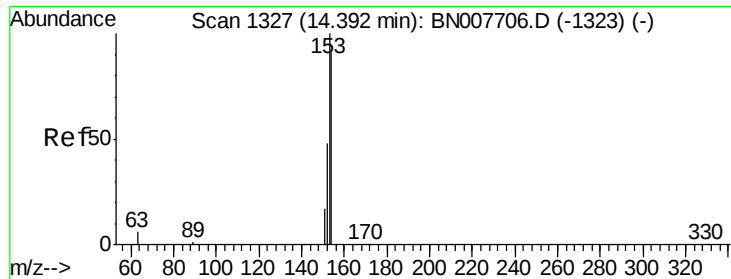
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	22.2	19.5	29.3



#16
Acenaphthylene
Concen: 1.645 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 1.674 ng

RT: 14.39 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

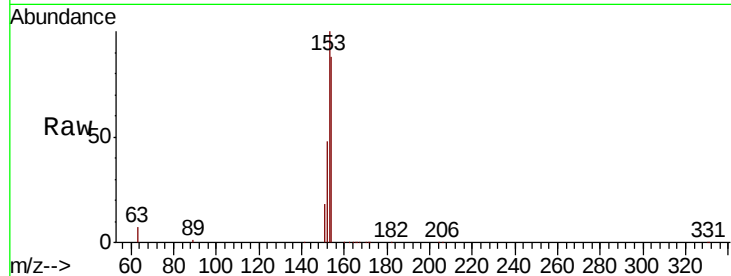
Tot Ion:154 Resp: 72545

Ion Ratio Lower Upper

154 100

153 108.6 87.0 130.4

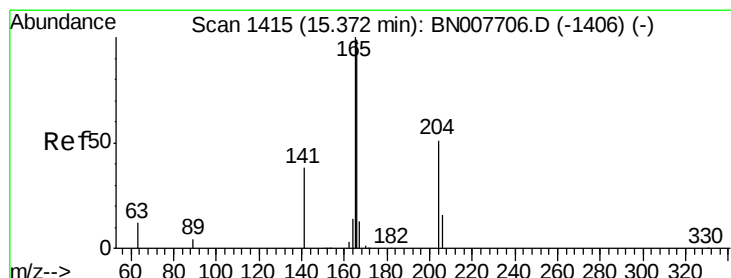
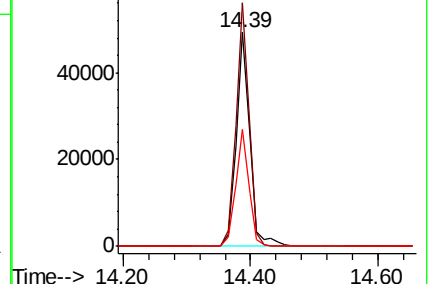
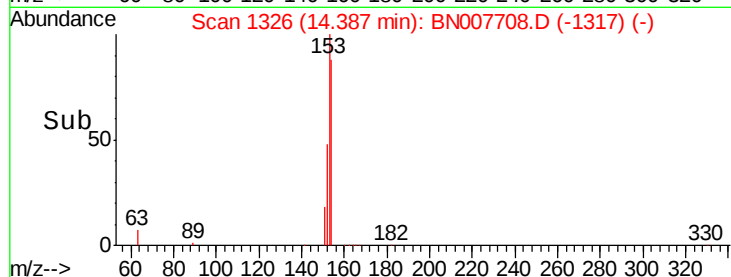
152 52.7 42.7 64.1



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: 1.633 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

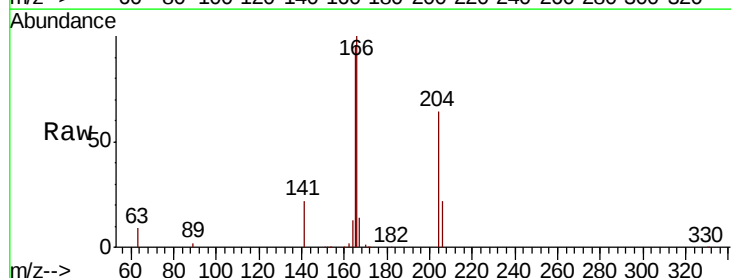
Tgt Ion:166 Resp: 93166

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

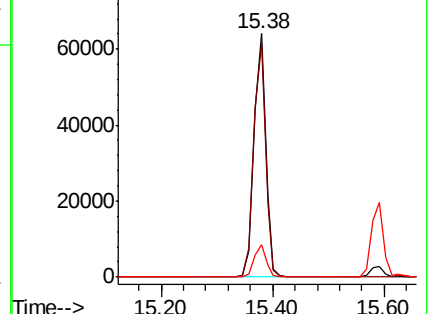
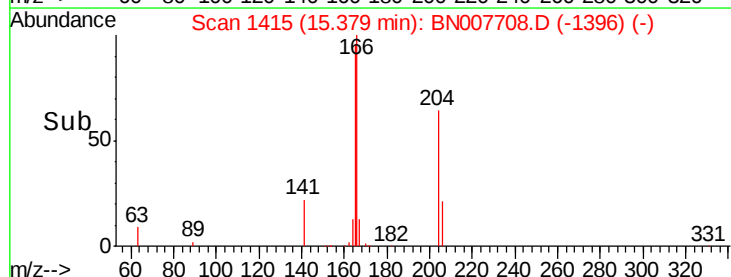
167 13.4 10.9 16.3

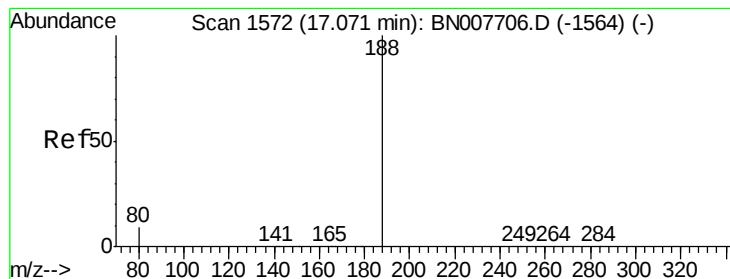


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1571

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampled :

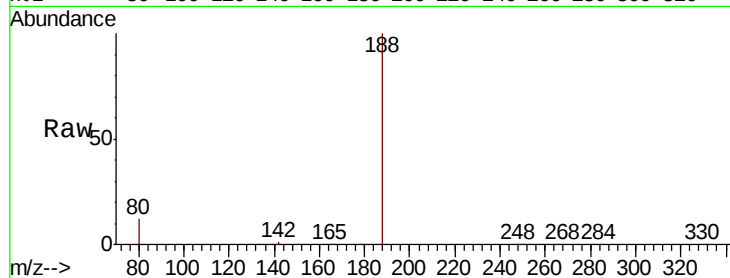
Tot Ion:188 Resp: 31078

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

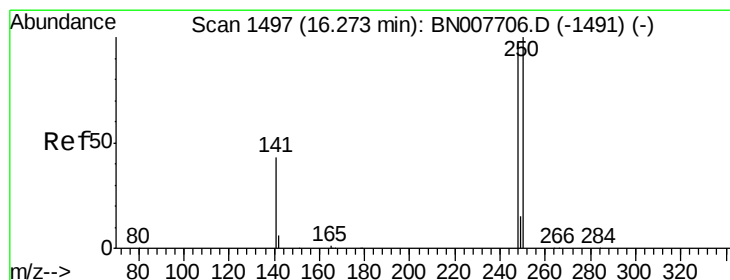
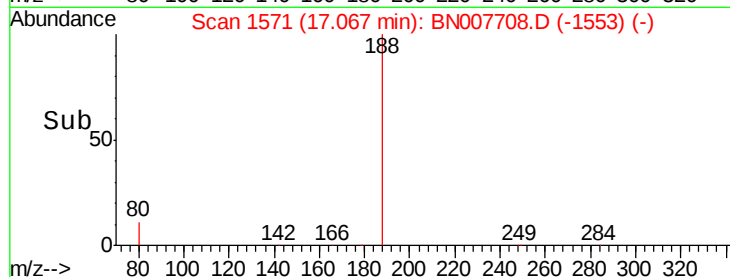
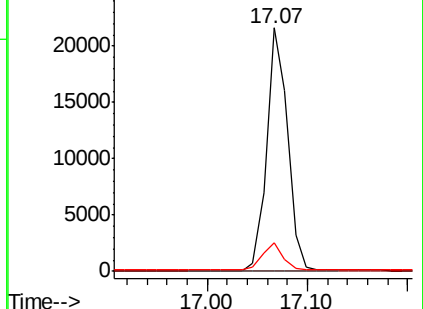
80 11.7 7.4 11.2#



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: 1.670 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

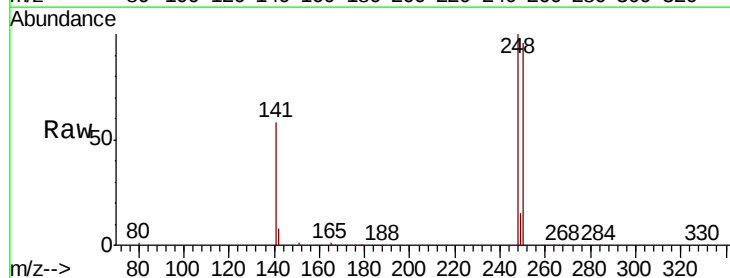
Tgt Ion:248 Resp: 30698

Ion Ratio Lower Upper

248 100

250 96.3 82.2 123.4

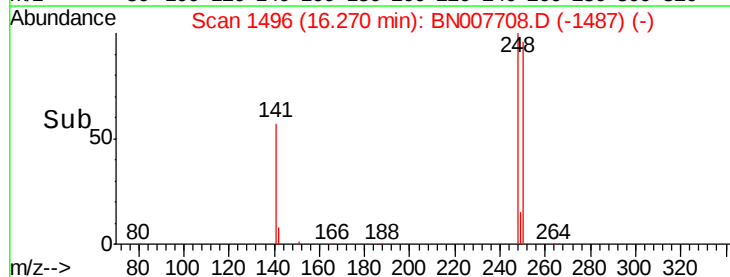
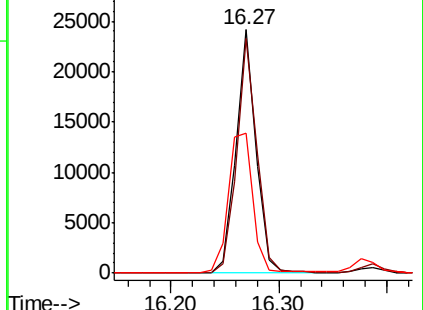
141 57.6 36.3 54.5#

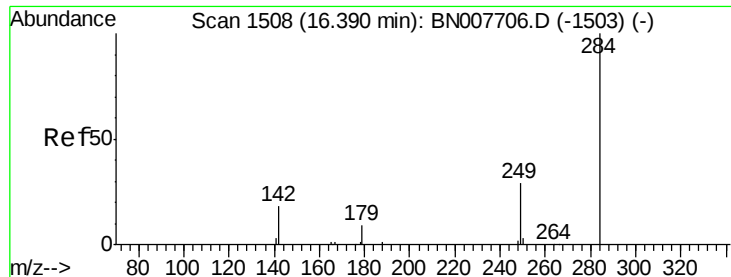


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.746 ng

RT: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

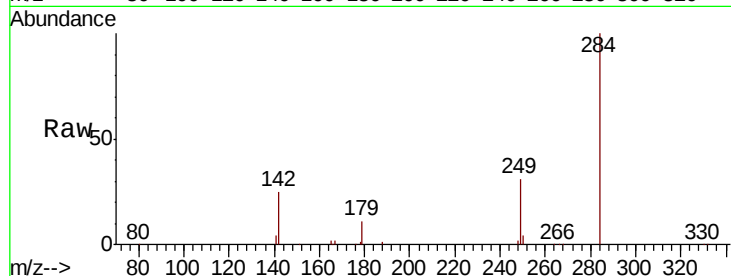
Tot Ion:284 Resp: 33744

Ion Ratio Lower Upper

284 100

142 32.4 25.8 38.6

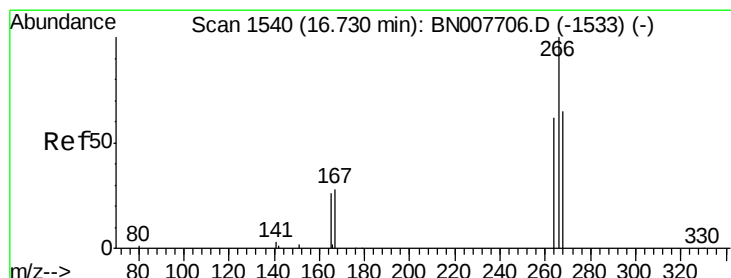
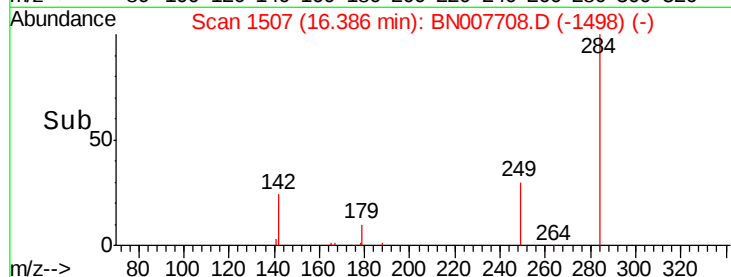
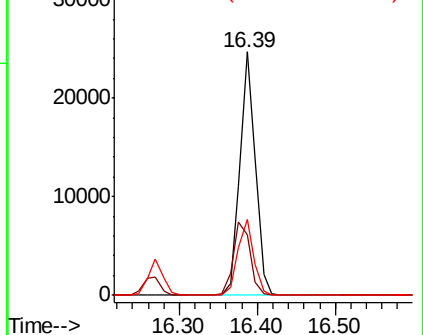
249 31.6 25.9 38.9



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: 2.382 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

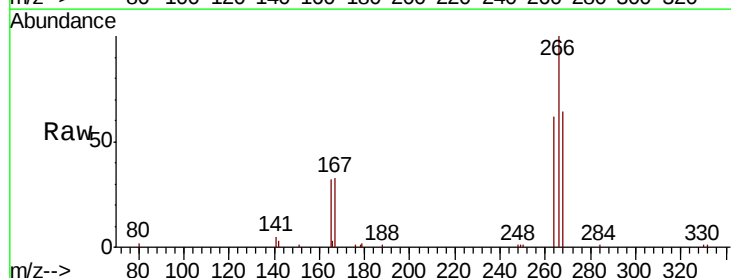
Tgt Ion:266 Resp: 12799

Ion Ratio Lower Upper

266 100

264 62.3 50.0 75.0

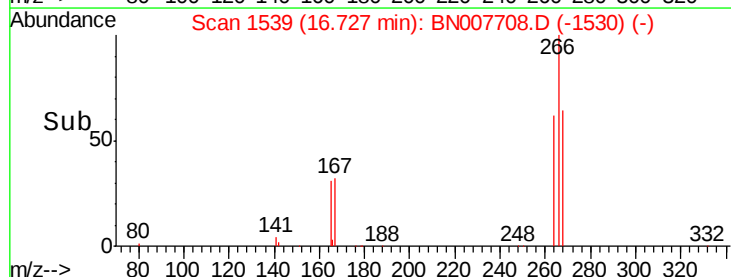
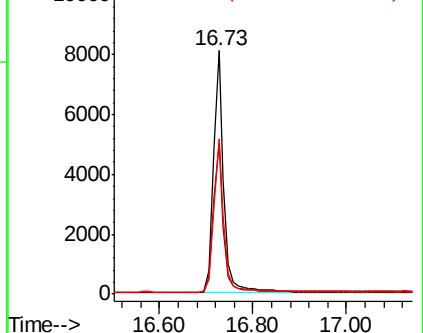
268 64.0 54.2 81.4

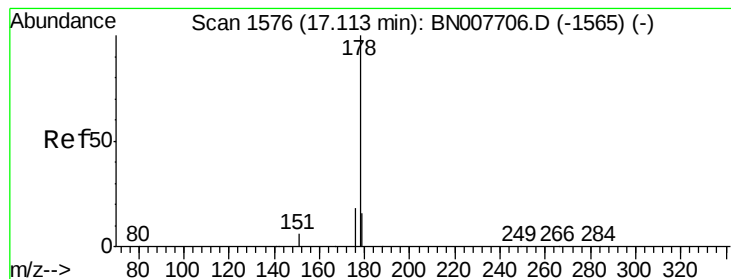


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.633 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

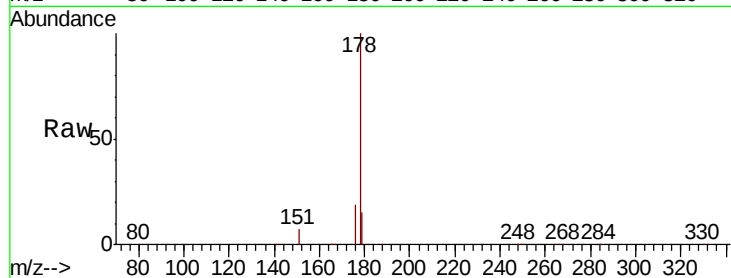
Tot Ion:178 Resp: 156661

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

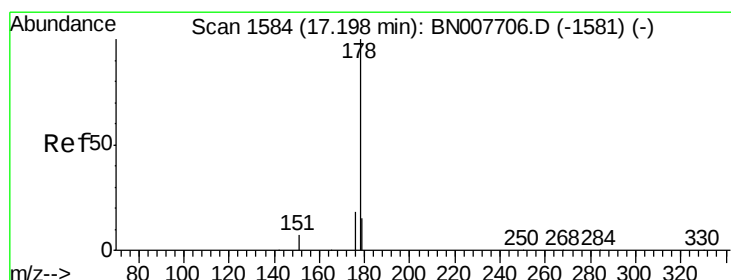
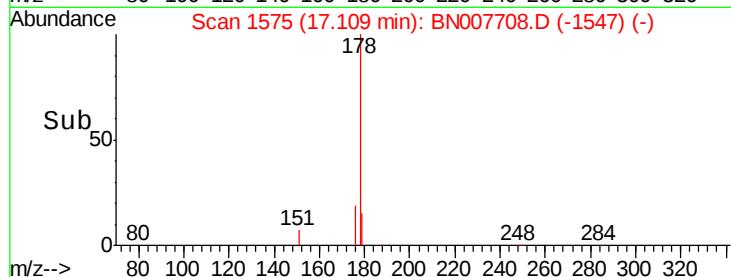
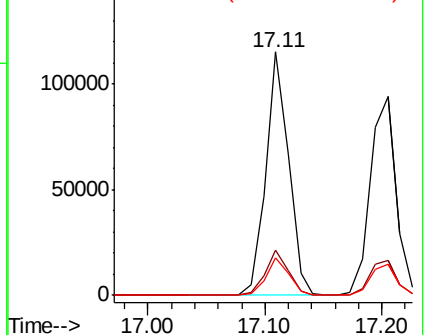
179 15.3 12.5 18.7



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: 1.633 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

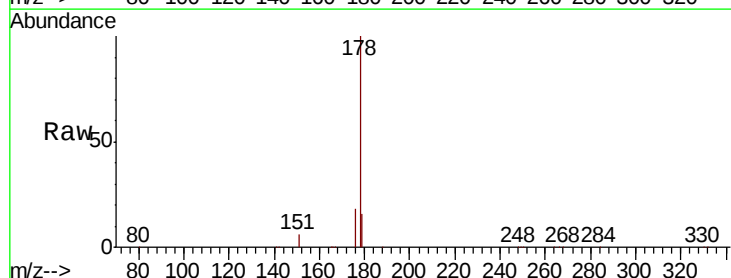
Tgt Ion:178 Resp: 144505

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

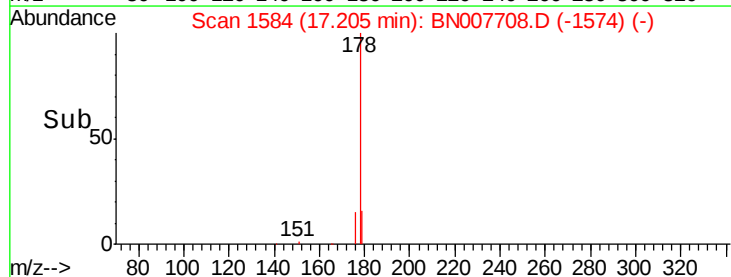
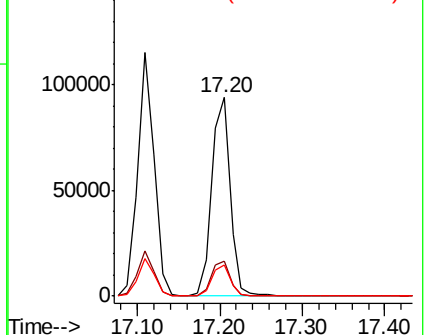
179 15.4 12.2 18.4

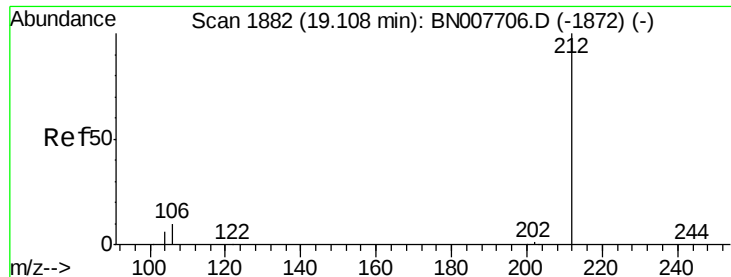


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.692 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

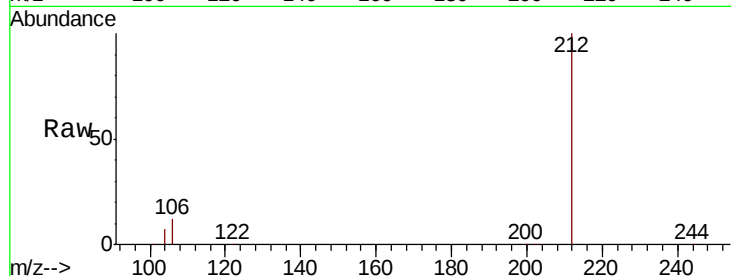
Tot Ion:212 Resp: 170868

Ion Ratio Lower Upper

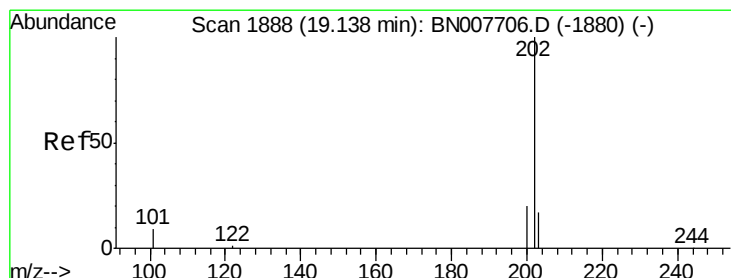
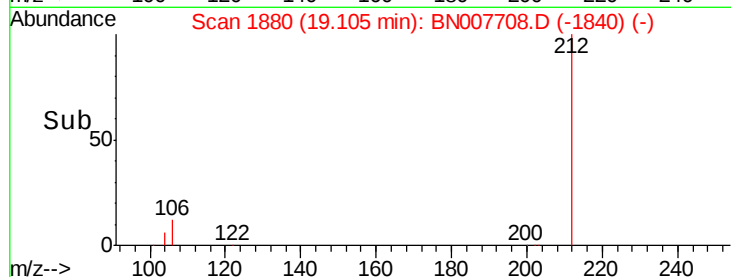
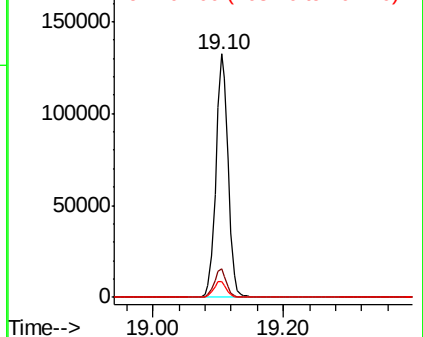
212 100

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: 1.699 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

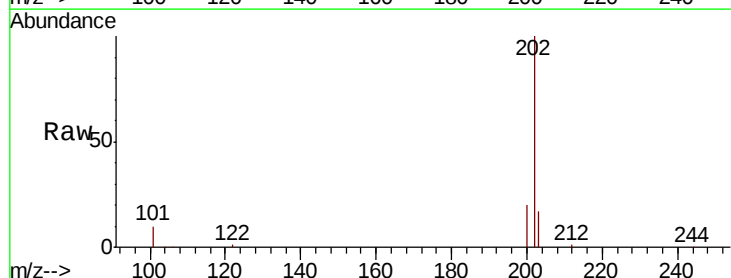
Tgt Ion:202 Resp: 197724

Ion Ratio Lower Upper

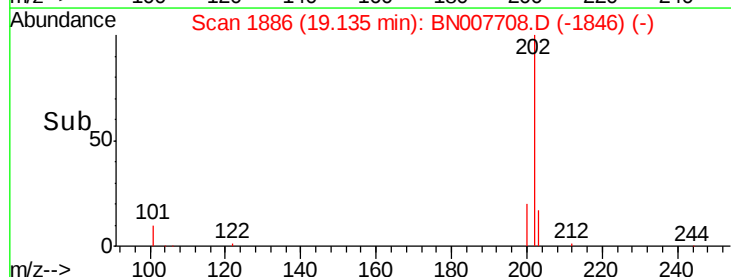
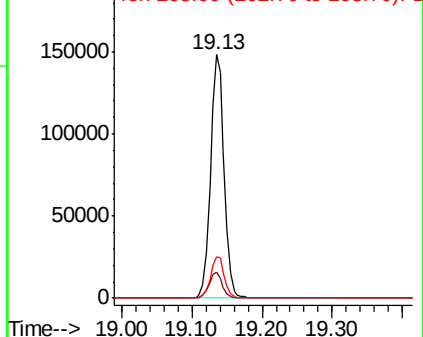
202 100

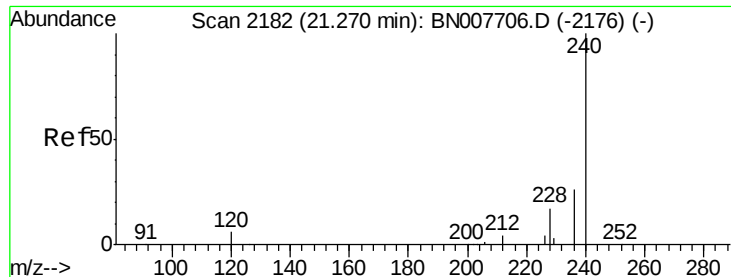
101 10.5 8.4 12.6

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# 2181

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

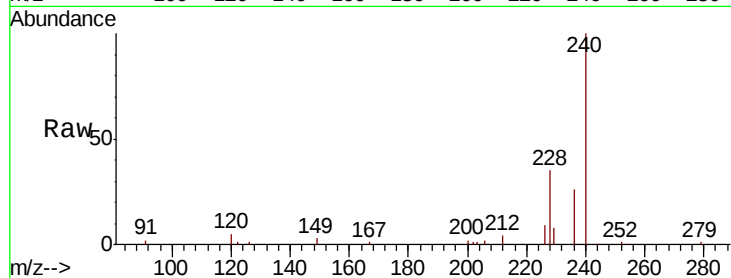
Tot Ion:240 Resp: 36074

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

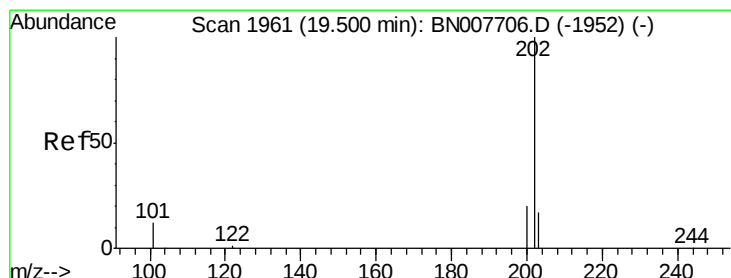
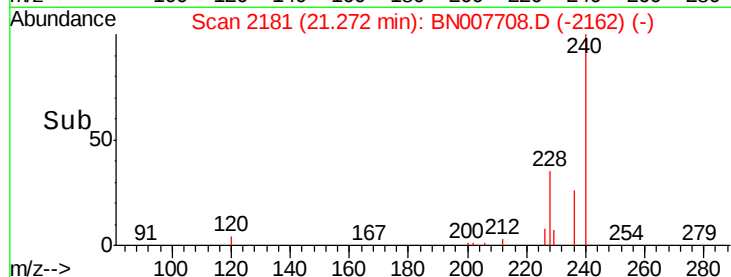
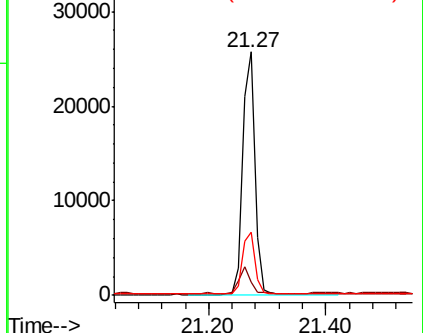
236 25.9 21.0 31.4



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: 1.518 ng

RT: 19.50 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

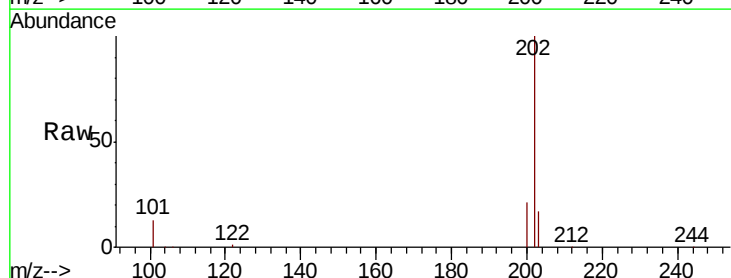
Tgt Ion:202 Resp: 196813

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

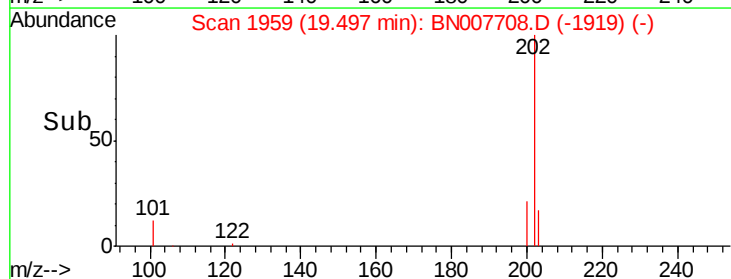
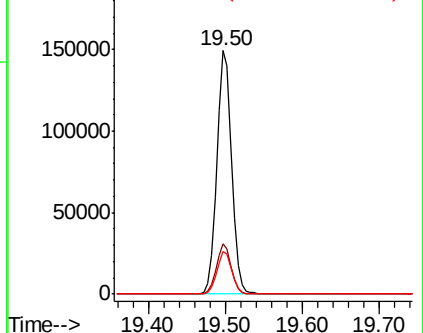
203 17.6 14.1 21.1

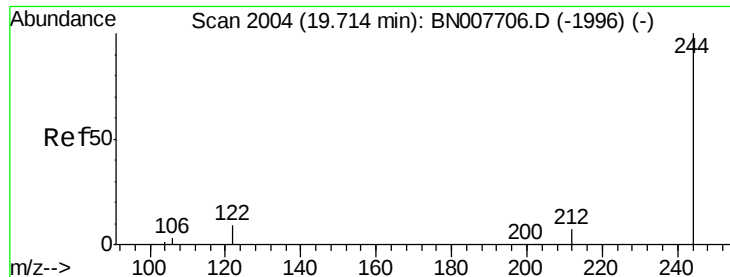


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.517 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

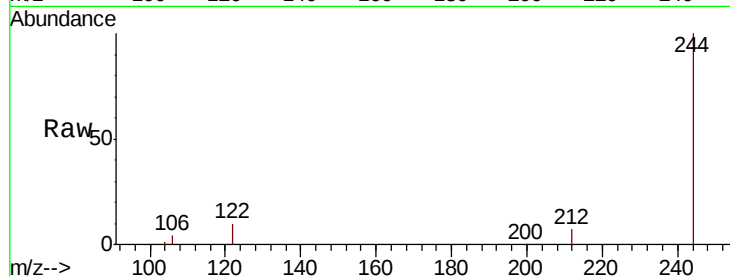
Tot Ion:244 Resp: 142405

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

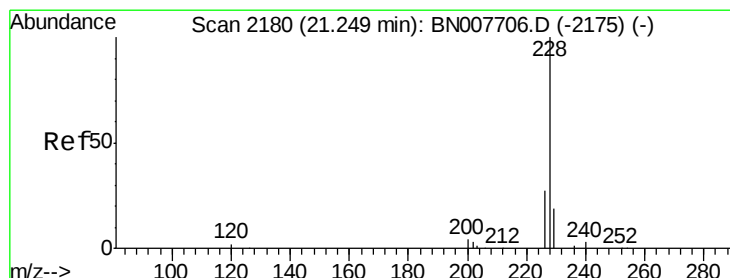
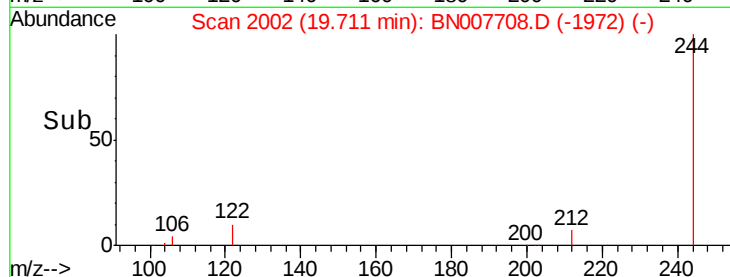
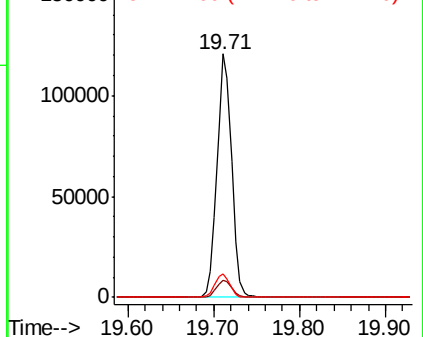
122 9.8 7.4 11.2



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: 1.688 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

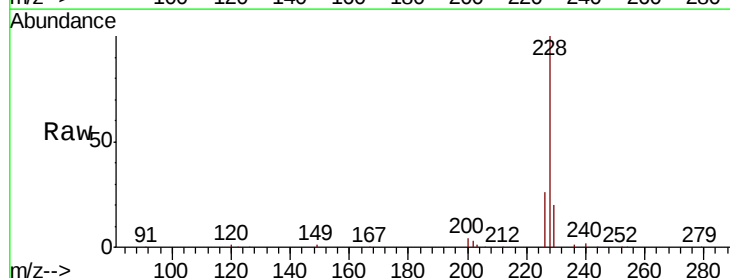
Tgt Ion:228 Resp: 217832

Ion Ratio Lower Upper

228 100

226 26.5 22.1 33.1

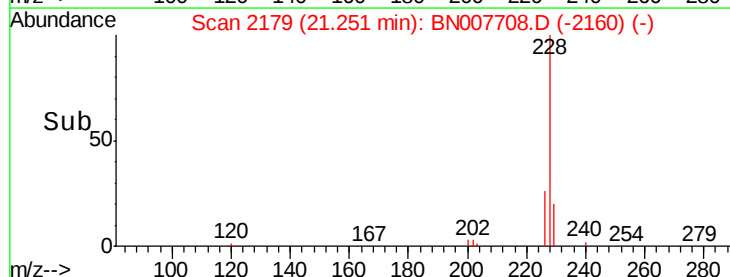
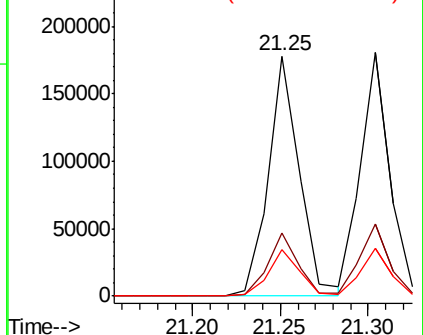
229 19.6 15.8 23.6

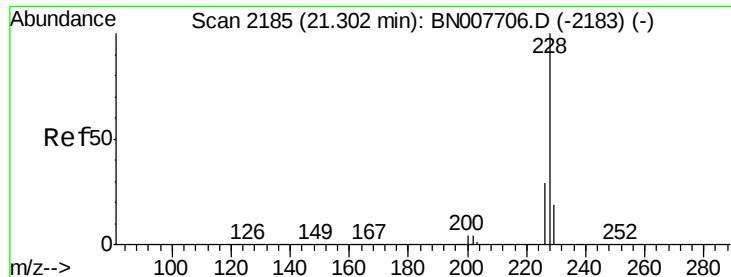


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.588 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampled :

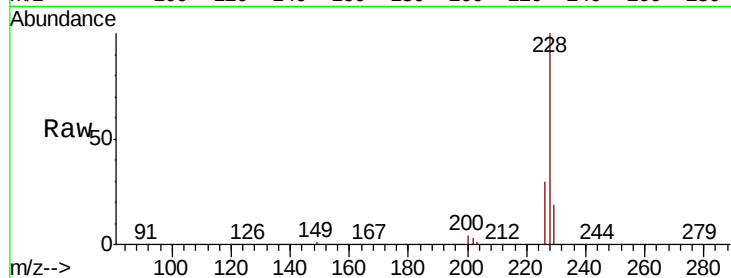
Tot Ion:228 Resp: 208212

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 19.5 15.8 23.6

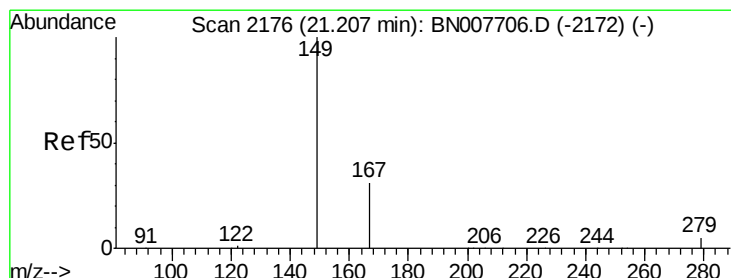
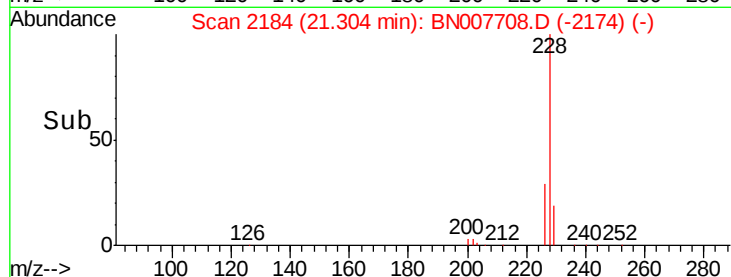
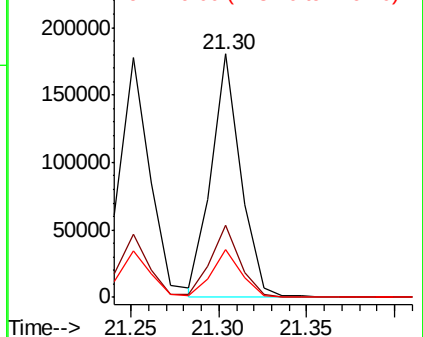


Abundance

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: 2.275 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

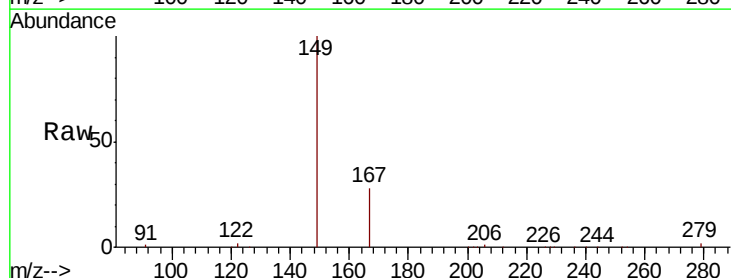
Tgt Ion:149 Resp: 100502

Ion Ratio Lower Upper

149 100

167 29.2 23.7 35.5

279 5.1 4.2 6.2

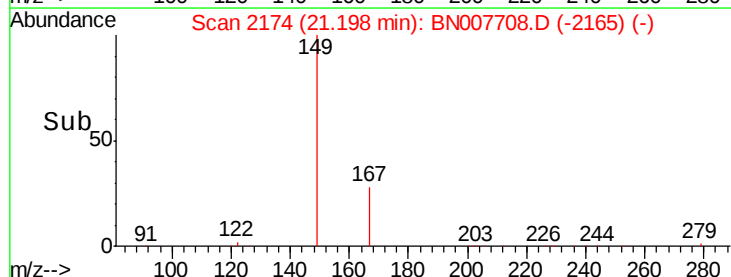
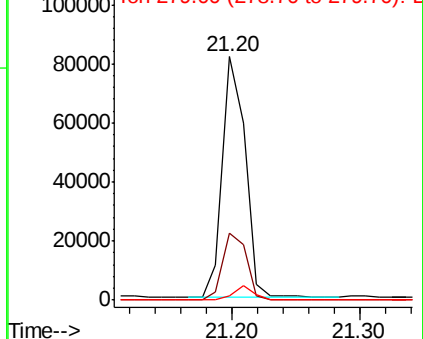


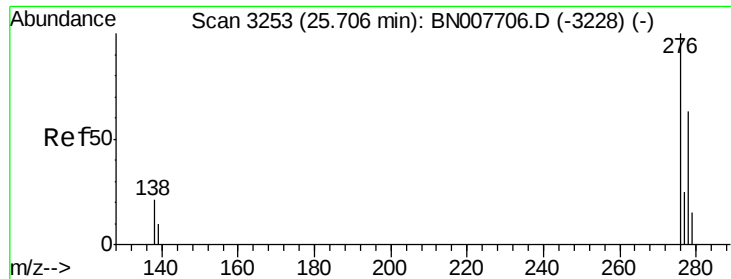
Abundance

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: 1.886 ng

RT: 25.70 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

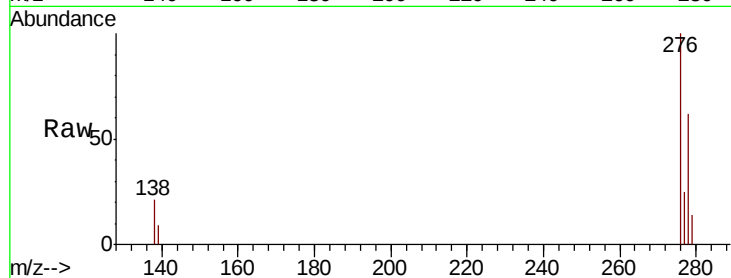
Tot Ion:276 Resp: 261462

Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

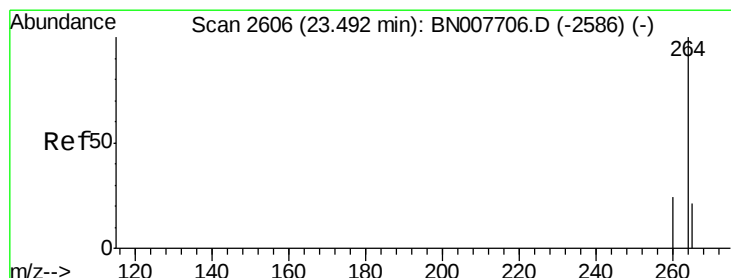
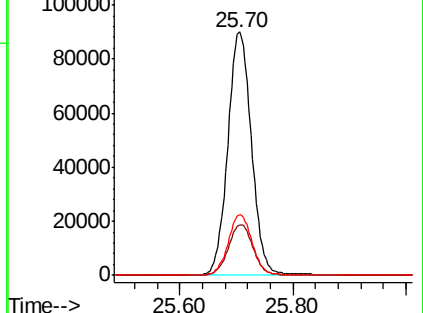
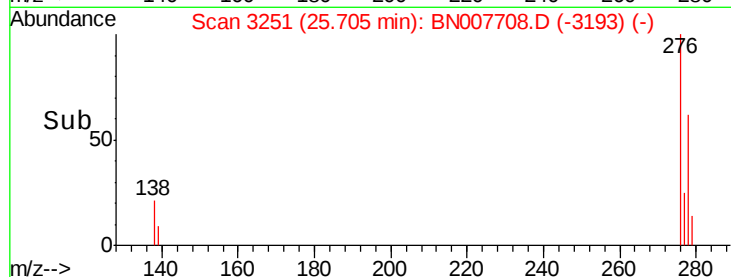
277 25.1 20.0 30.0



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: 23.49 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

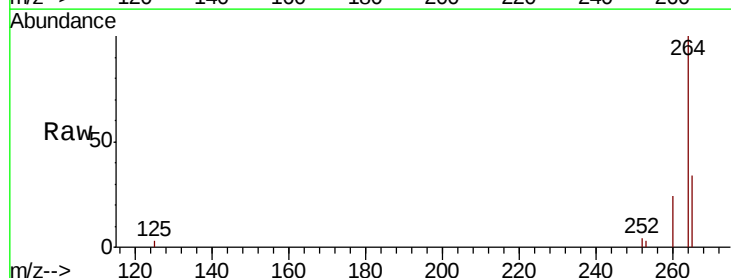
Tgt Ion:264 Resp: 38873

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

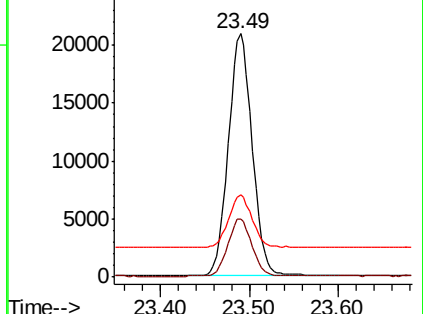
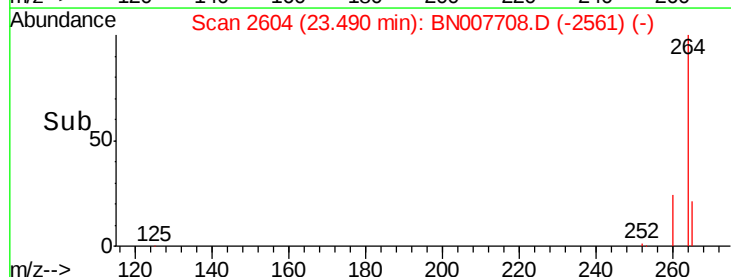
265 33.6 26.9 40.3

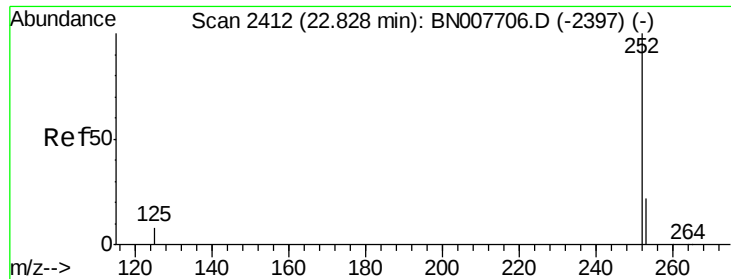


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

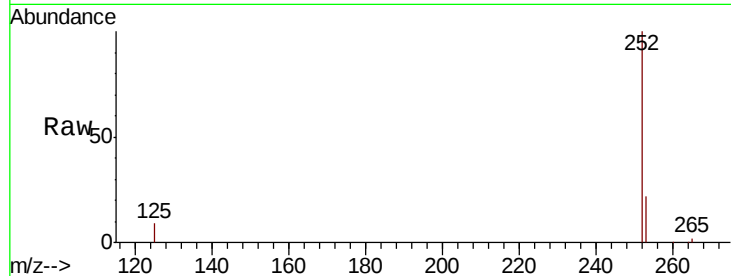




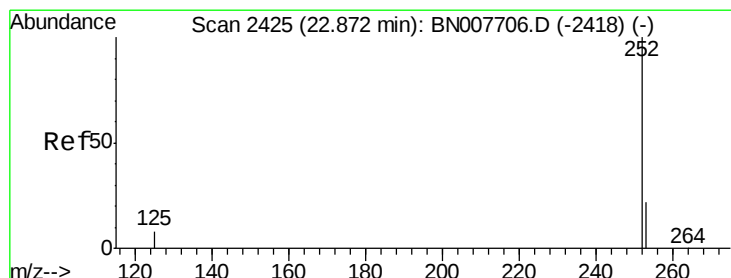
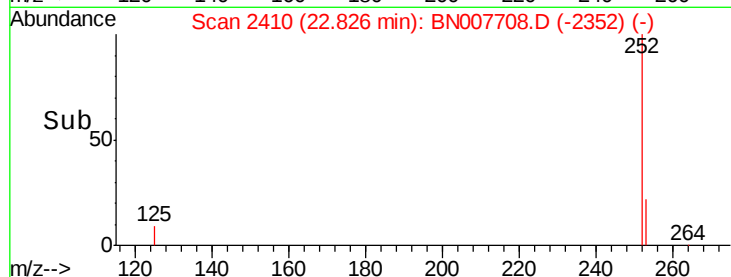
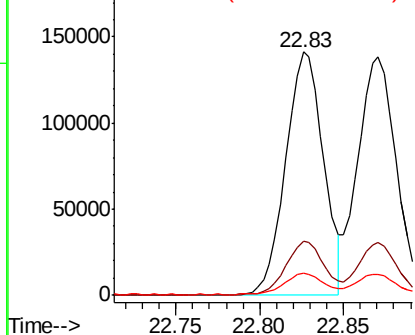
#35
Benzo(b)fluoranthene
Concen: 1.585 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 219044
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 9.0 8.2 12.4

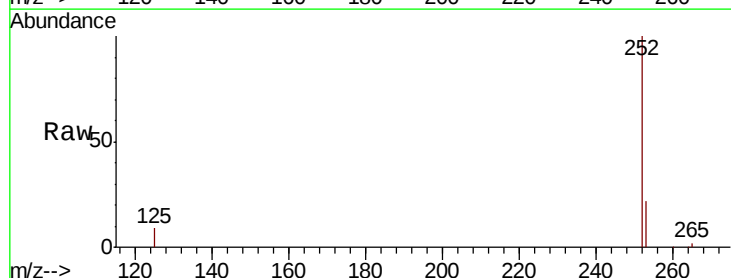


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

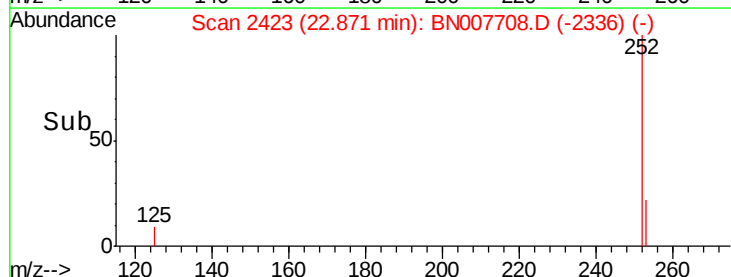
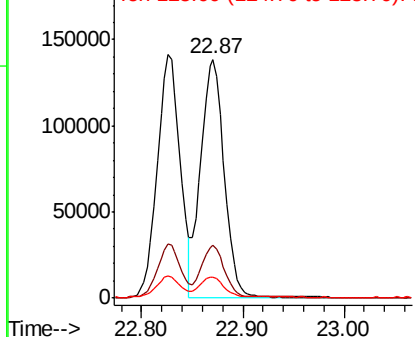


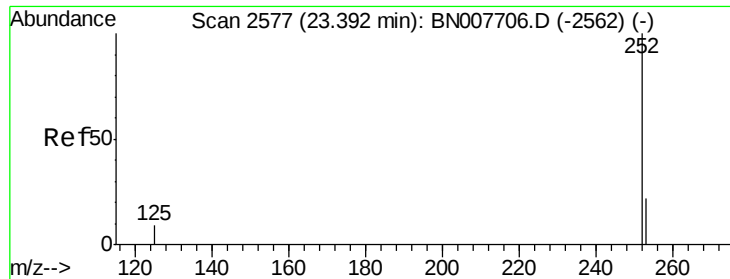
#36
Benzo(k)fluoranthene
Concen: 1.619 ng
RT: 22.87 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN007708.D
Acq: 18 Sep 2019 16:36

Tgt Ion:252 Resp: 221169
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 9.0 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: 1.685 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :

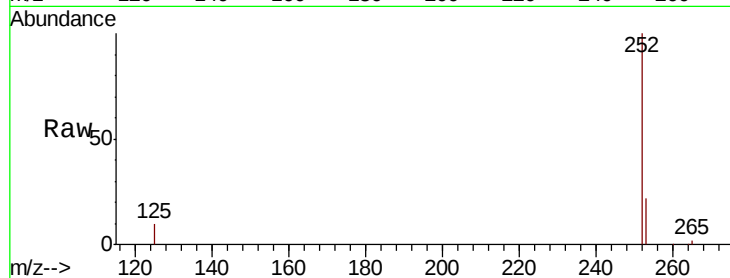
Tot Ion:252 Resp: 207121

Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

125 9.9 9.4 14.0

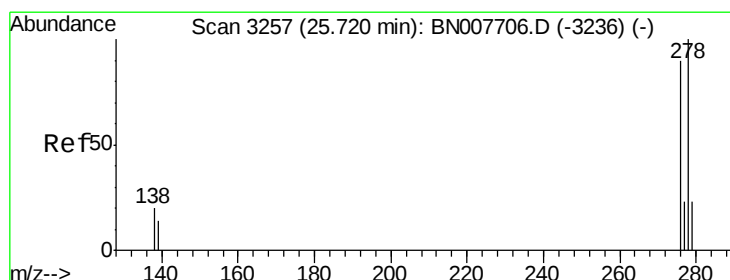
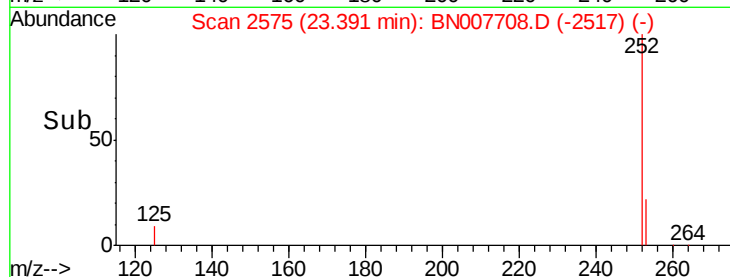
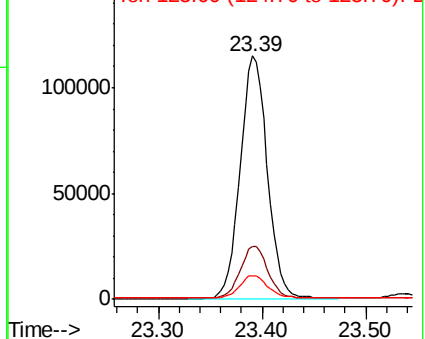


Abundance

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: 1.734 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

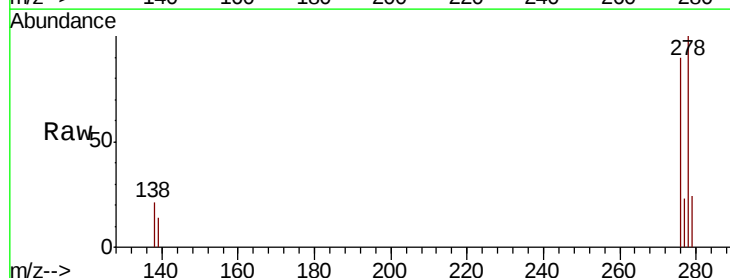
Tgt Ion:278 Resp: 214012

Ion Ratio Lower Upper

278 100

139 14.2 11.8 17.6

279 23.6 19.4 29.2

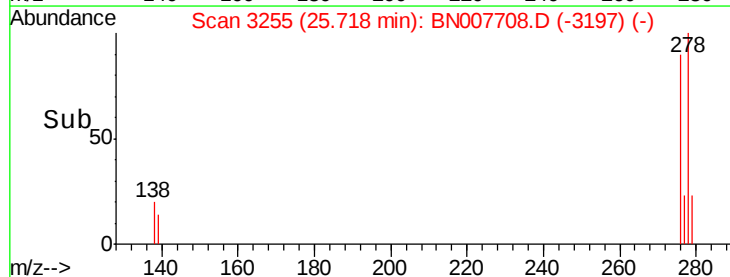
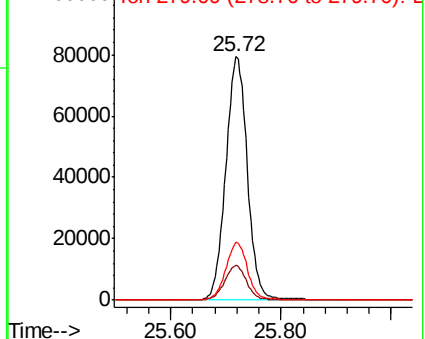


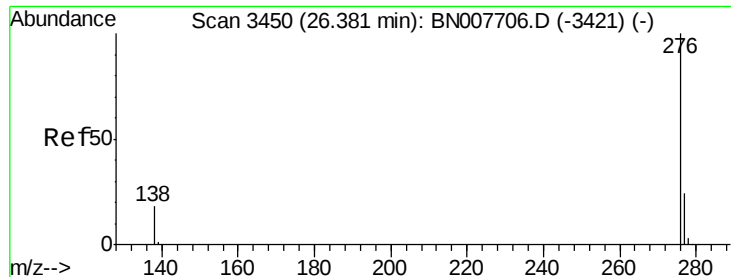
Abundance

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: 1.691 ng

RT: 26.38 min Scan# 3448

Delta R.T. -0.00 min

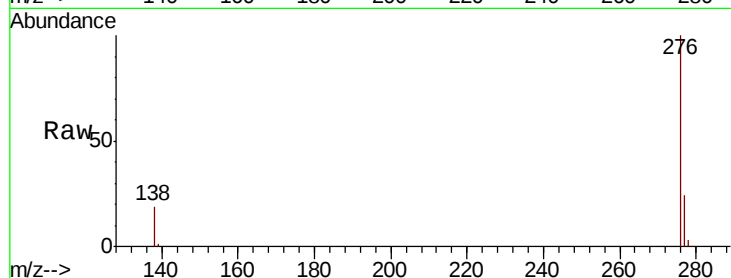
Lab File: BN007708.D

Acq: 18 Sep 2019 16:36

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 211244

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 18.7 15.1 22.7

