

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008005.D
 Acq On : 04 Oct 2019 16:11
 Operator : JU
 Sample : PB123223BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:24:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3972	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	15610	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	9669	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	20340	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	23156	0.40	ng	-0.02
34) Perylene-d12	23.46	264	26065	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	4784	0.35	ng	-0.02
5) Phenol-d6	6.86	99	6044	0.35	ng	0.00
8) Nitrobenzene-d5	8.82	82	5288	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11017	0.42	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	1757	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.92	172	15399	0.39	ng	-0.02
25) Fluoranthene-d10	19.08	212	28218	0.41	ng	-0.02
29) Terphenyl-d14	19.69	244	23785	0.42	ng	-0.02

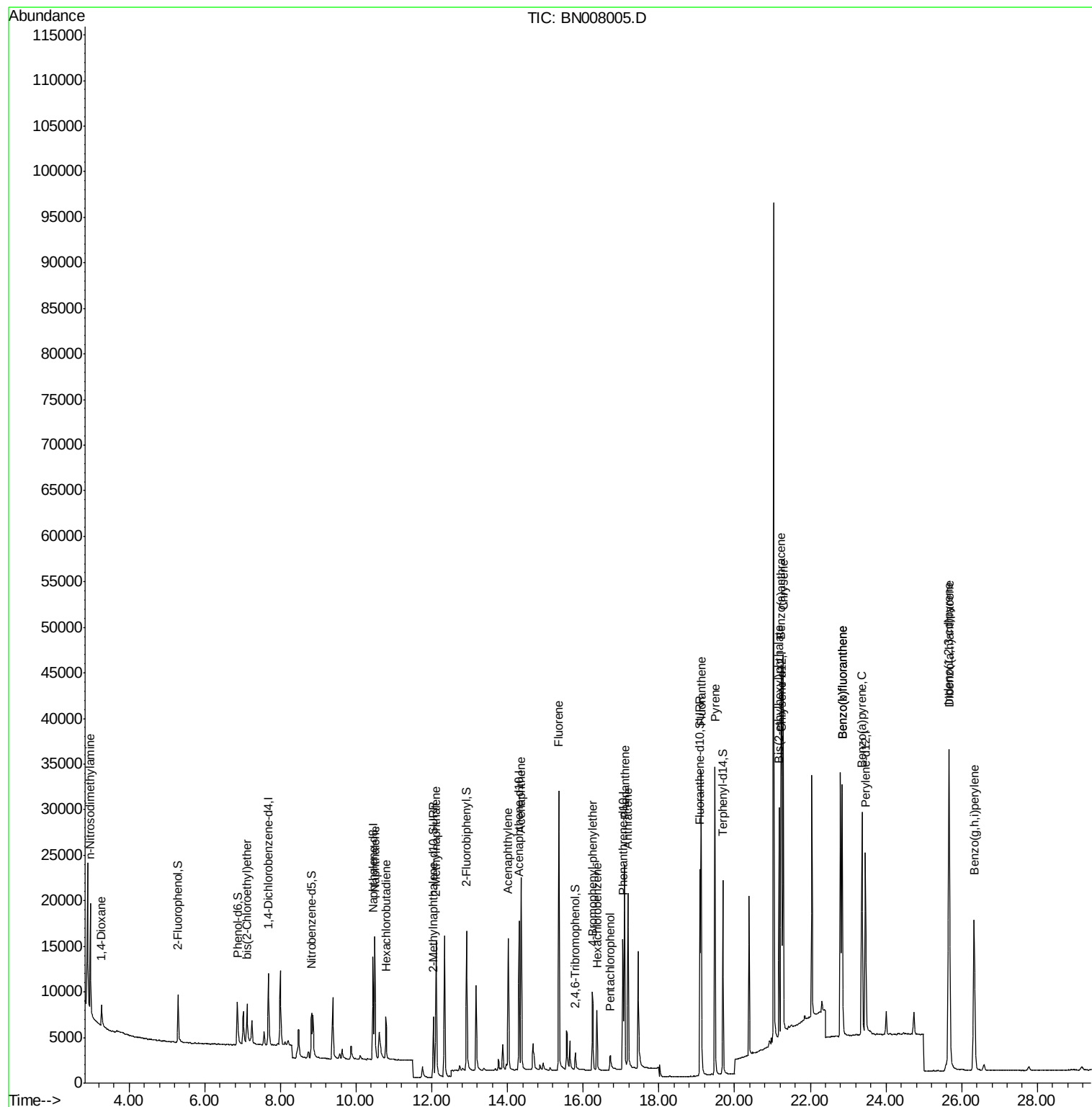
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	1542	0.348	ng	# 84
3) n-Nitrosodimethylamine	2.97	42	1414	0.697	ng	# 92
6) bis(2-Chloroethyl)ether	7.11	93	4844	0.431	ng	94
9) Naphthalene	10.49	128	18239	0.416	ng	99
10) Hexachlorobutadiene	10.79	225	4097	0.444	ng	# 100
12) 2-Methylnaphthalene	12.11	142	12436	0.420	ng	100
16) Acenaphthylene	14.01	152	19055	0.372	ng	100
17) Acenaphthene	14.36	154	12159	0.368	ng	97
18) Fluorene	15.35	166	15509	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	5053	0.409	ng	# 76
21) Hexachlorobenzene	16.37	284	6024	0.446	ng	97
22) Pentachlorophenol	16.72	266	1708	0.343	ng	96
23) Phenanthrene	17.09	178	25677	0.405	ng	100
24) Anthracene	17.18	178	23473	0.410	ng	100
26) Fluoranthene	19.11	202	32028	0.407	ng	99
28) Pyrene	19.48	202	33092	0.419	ng	100
30) Benzo(a)anthracene	21.23	228	34281	0.402	ng	100
31) Chrysene	21.28	228	33791	0.407	ng	100
32) Bis(2-ethylhexyl)phthalate	21.17	149	19089	0.435	ng	100
33) Indeno(1,2,3-cd)pyrene	25.66	276	42133	0.405	ng	98
35) Benzo(b)fluoranthene	22.84	252	35453	0.392	ng	96
36) Benzo(k)fluoranthene	22.84	252	35453	0.396	ng	97
37) Benzo(a)pyrene	23.36	252	34373	0.404	ng	# 88
38) Dibenzo(a,h)anthracene	25.67	278	34430	0.396	ng	97
39) Benzo(g,h,i)perylene	26.33	276	34608	0.402	ng	99

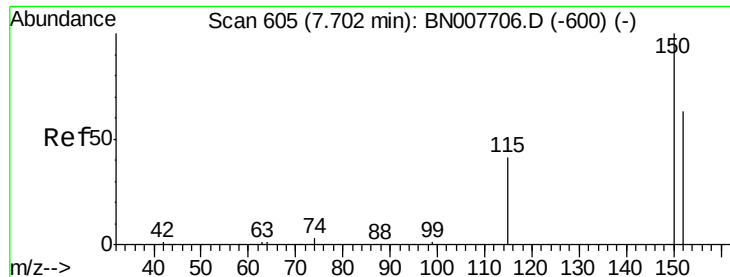
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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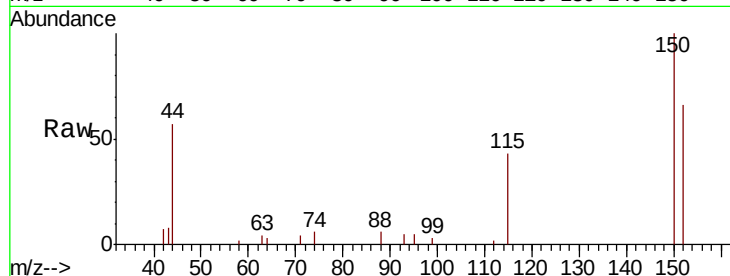


#1

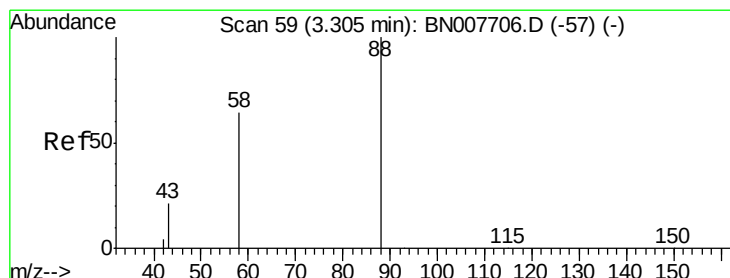
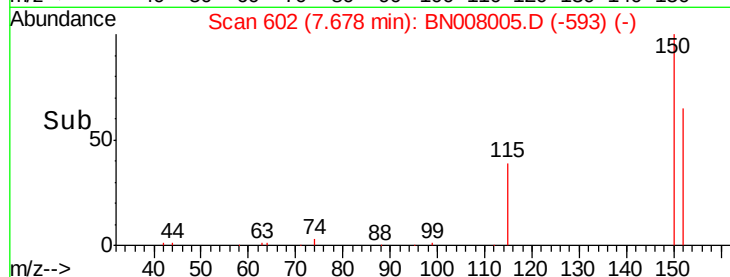
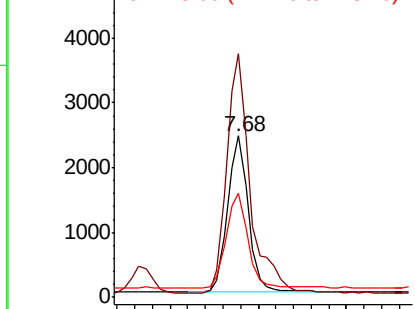
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3972
Ion Ratio Lower Upper
152 100
150 151.0 125.6 188.4
115 64.5 53.3 79.9



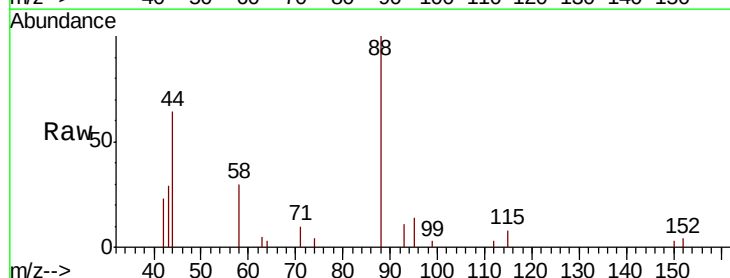
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



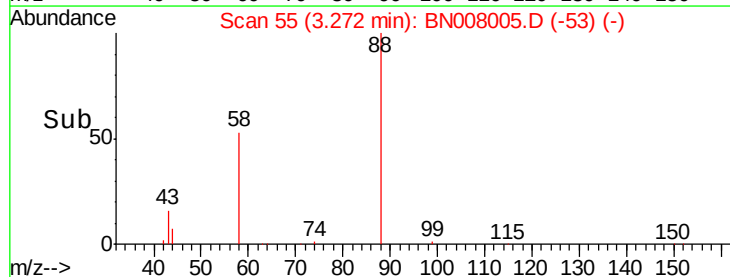
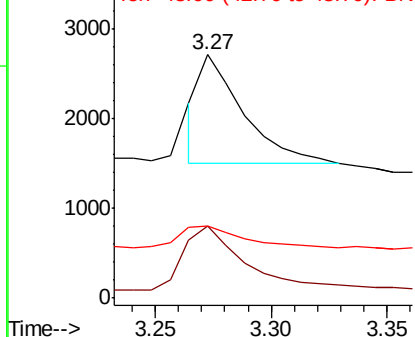
#2

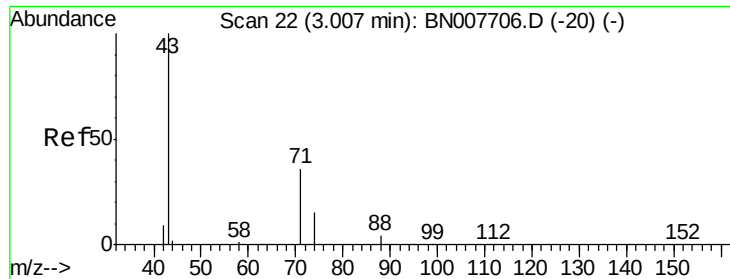
1,4-Dioxane
Concen: 0.348 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 88 Resp: 1542
Ion Ratio Lower Upper
88 100
58 49.6 44.6 66.8
43 0.0 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



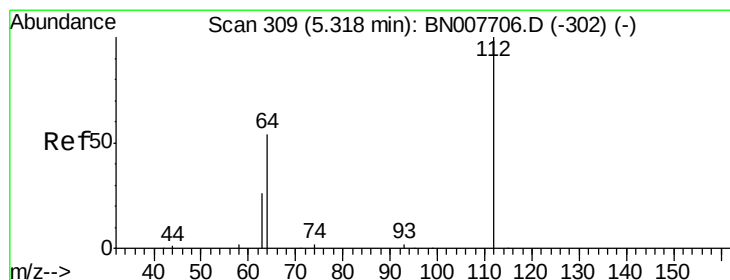
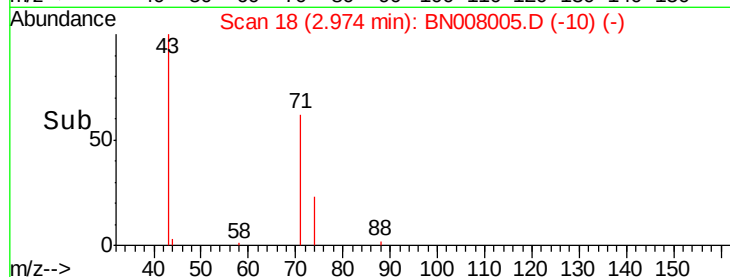
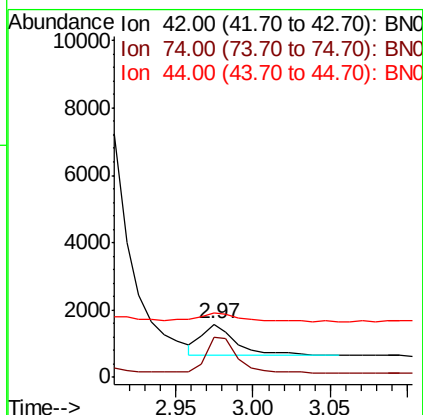
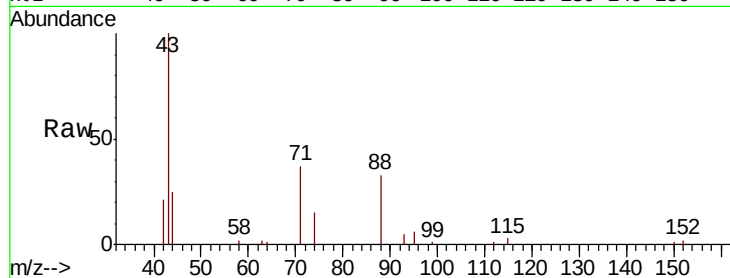


#3

n-Nitrosodimethylamine
 Concen: 0.697 ng
 RT: 2.97 min Scan# 18
 Delta R.T. -0.03 min
 Lab File: BN008005.D
 Acq: 04 Oct 2019 16:11

Instrument :
 BNA_N
 ClientSampleID :

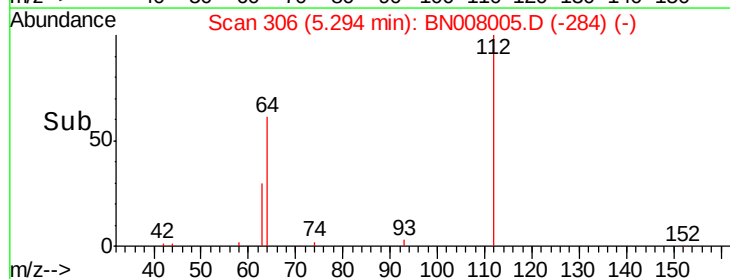
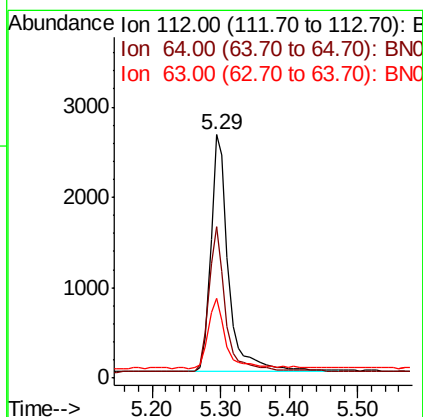
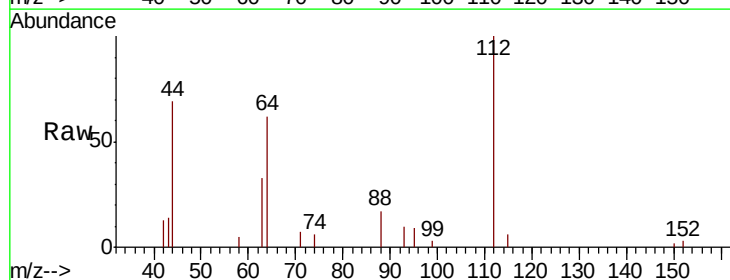
Tot Ion: 42 Resp: 1414
 Ion Ratio Lower Upper
 42 100
 74 104.4 87.9 131.9
 44 27.9 29.4 44.0#

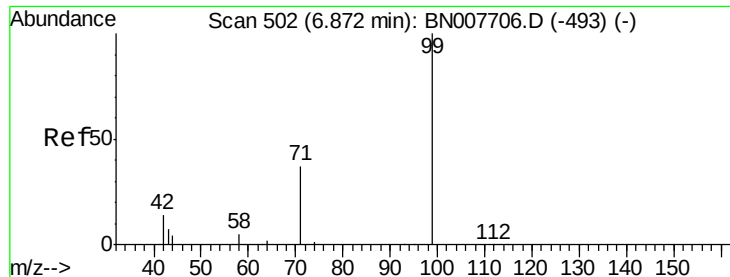


#4

2-Fluorophenol
 Concen: 0.350 ng
 RT: 5.29 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BN008005.D
 Acq: 04 Oct 2019 16:11

Tgt Ion: 112 Resp: 4784
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.6 70.0
 63 29.1 23.1 34.7





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

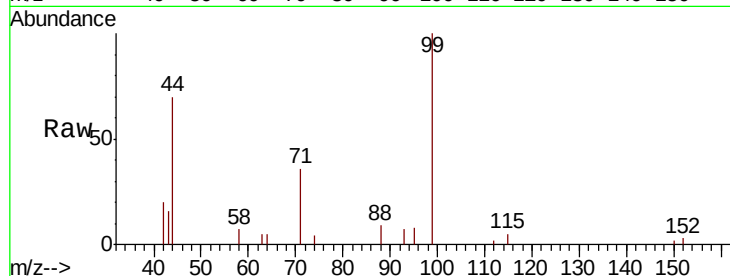
Tot Ion: 99 Resp: 6044

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

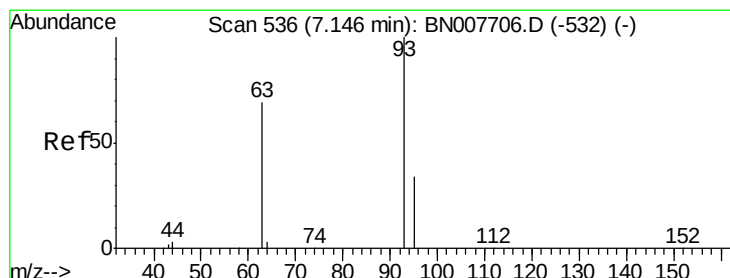
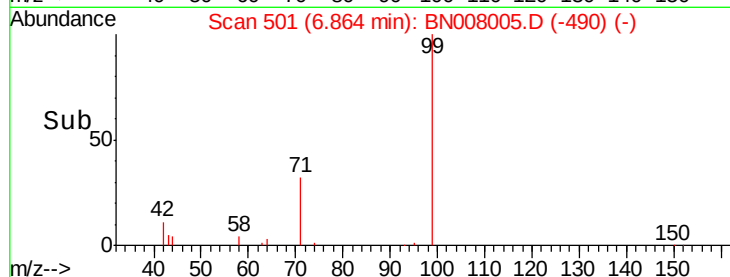
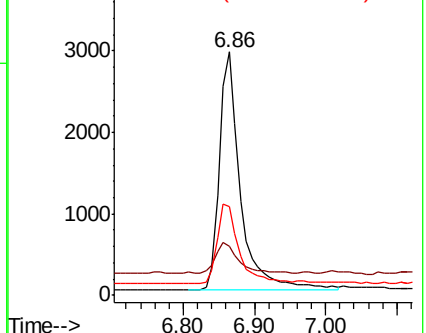
71 35.4 27.6 41.4



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: 0.431 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

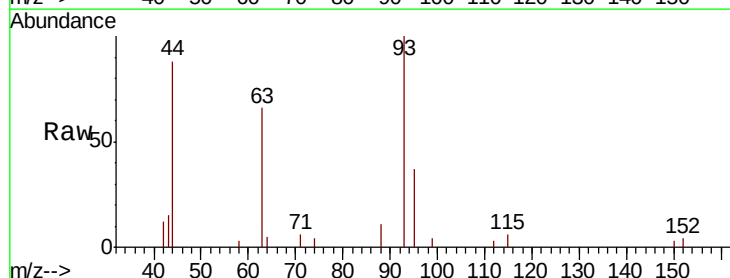
Tgt Ion: 93 Resp: 4844

Ion Ratio Lower Upper

93 100

63 68.2 59.3 88.9

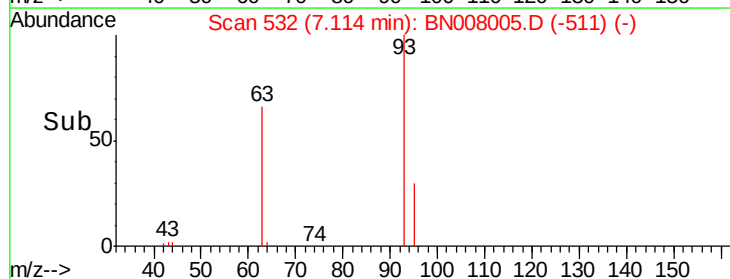
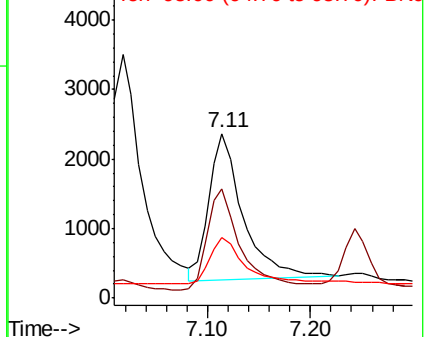
95 36.1 31.4 47.0

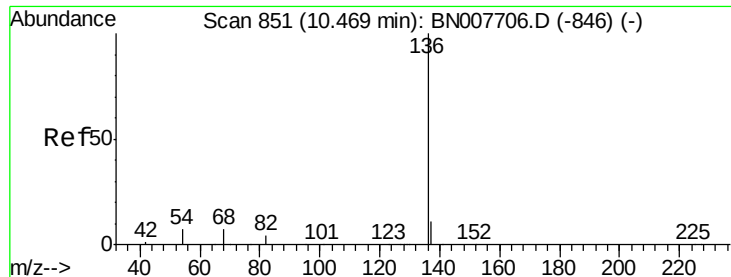


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 15610

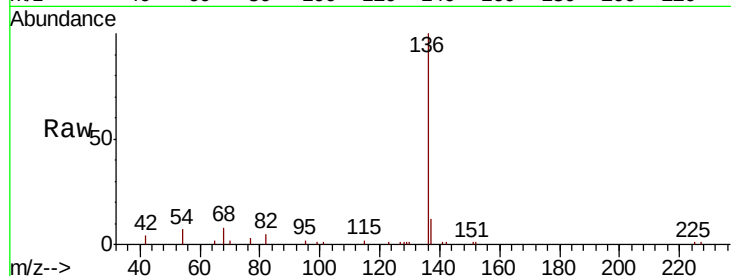
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.0 5.8 8.8

68 7.7 6.5 9.7

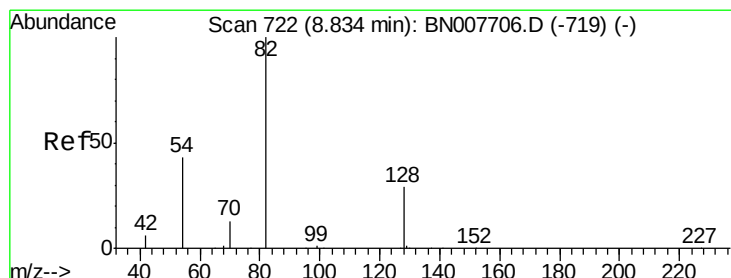
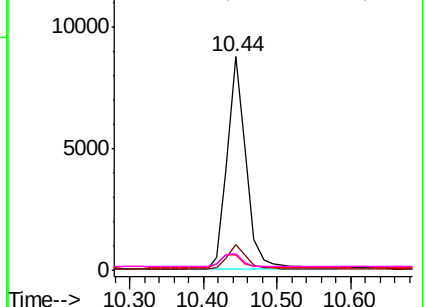
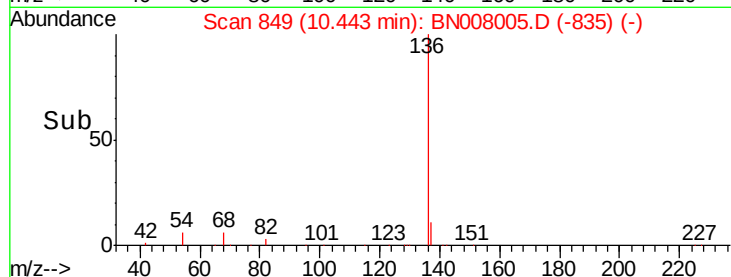


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

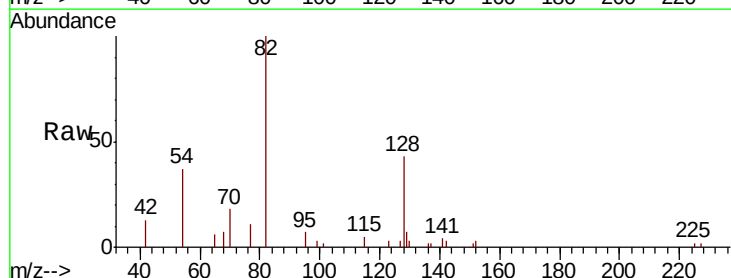
Tgt Ion: 82 Resp: 5288

Ion Ratio Lower Upper

82 100

128 43.1 24.5 36.7#

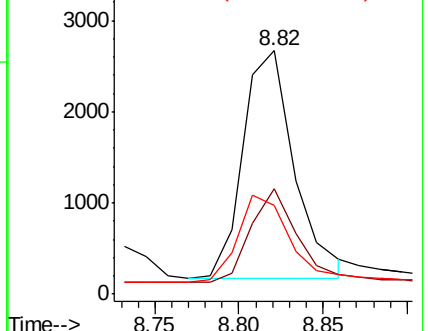
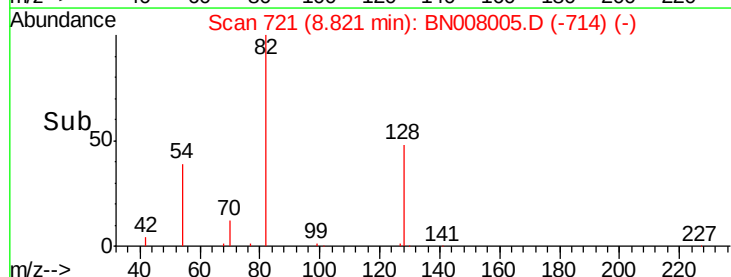
54 36.6 35.2 52.8

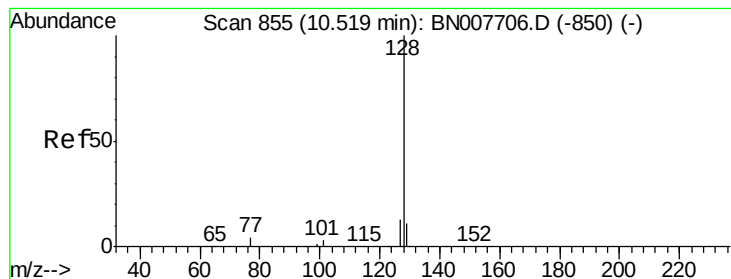


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.416 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

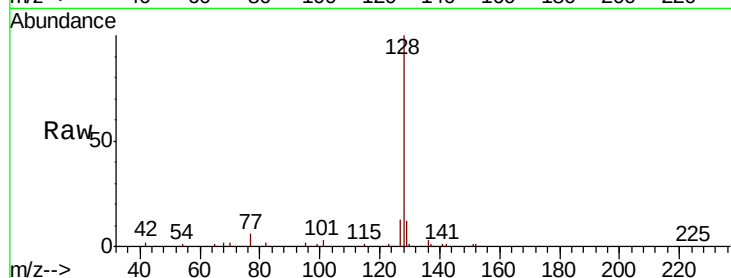
Tot Ion:128 Resp: 18239

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

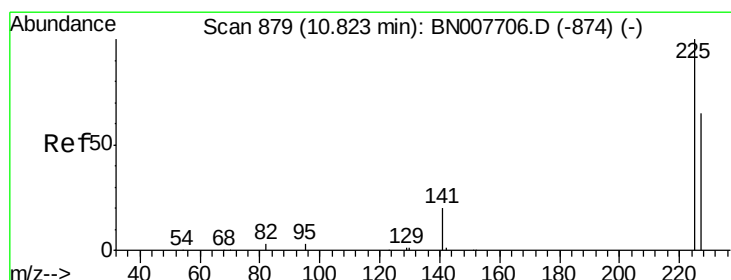
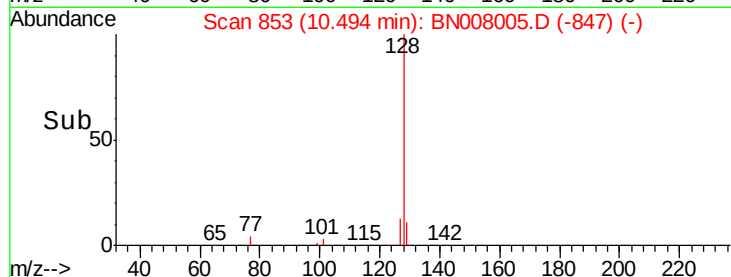
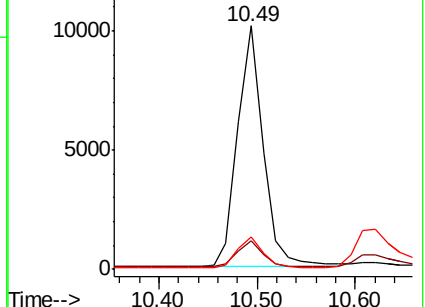
127 13.4 10.6 15.8



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: 0.444 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

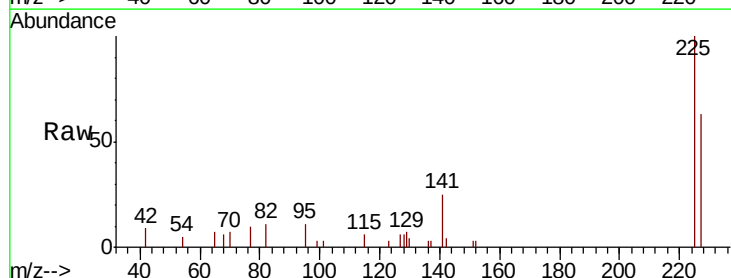
Tgt Ion:225 Resp: 4097

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

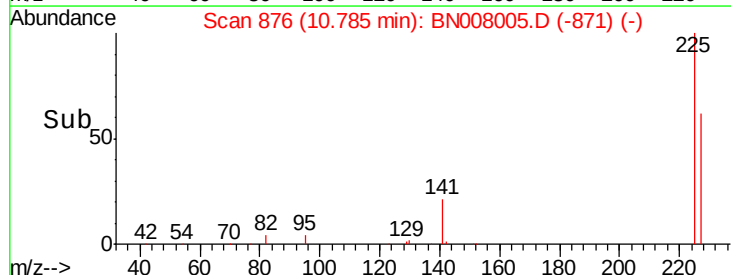
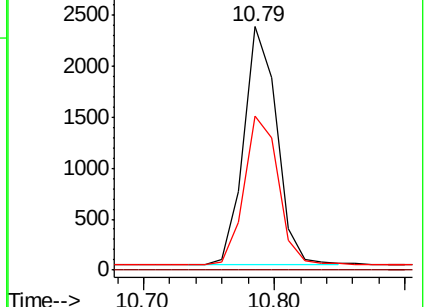
227 64.2 51.2 76.8

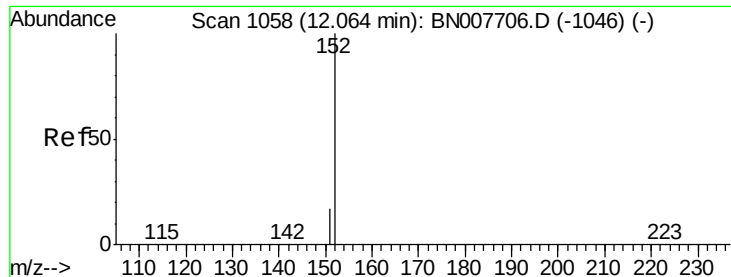


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.04 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

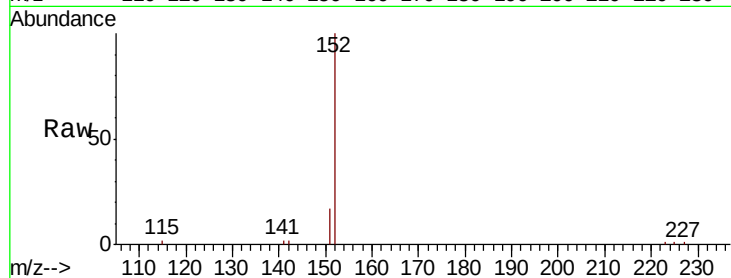
ClientSampleId :

Tot Ion:152 Resp: 11017

Ion Ratio Lower Upper

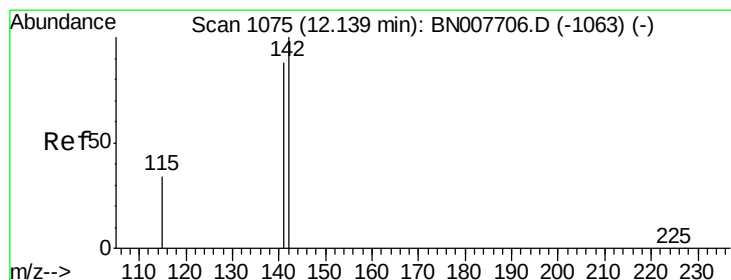
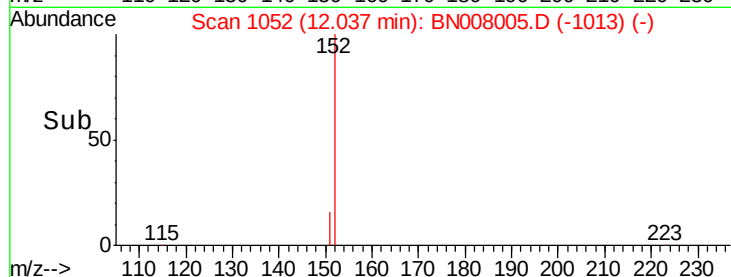
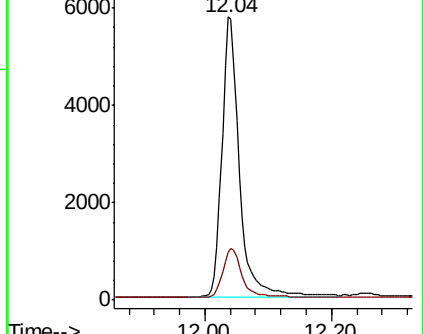
152 100

151 18.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.11 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

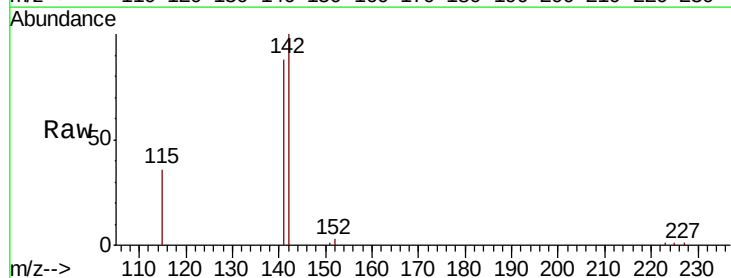
Tgt Ion:142 Resp: 12436

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

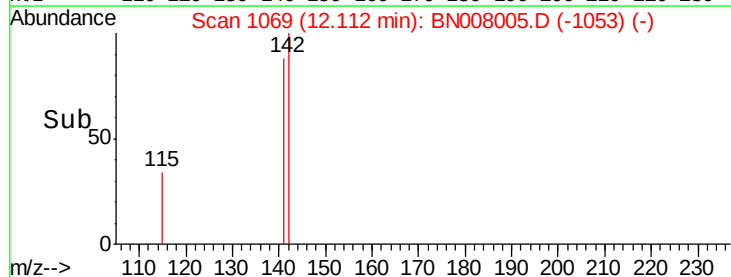
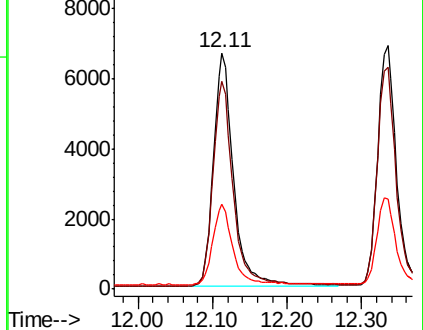
115 35.9 28.3 42.5

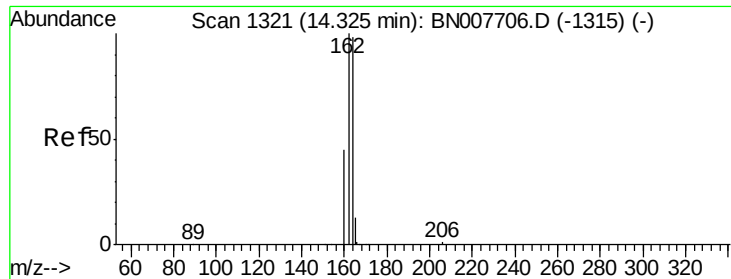


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

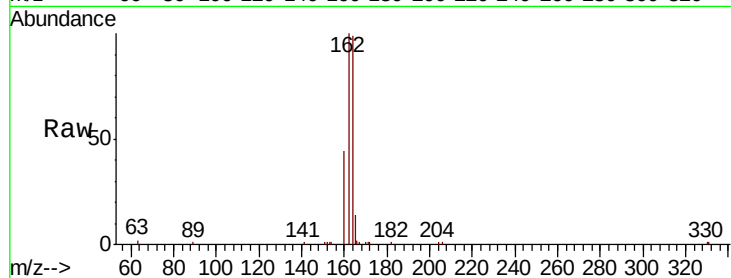
Tot Ion:164 Resp: 9669

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

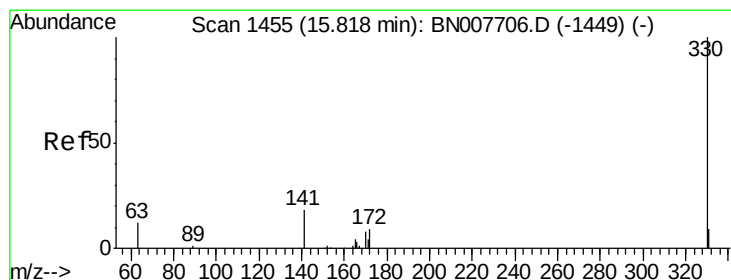
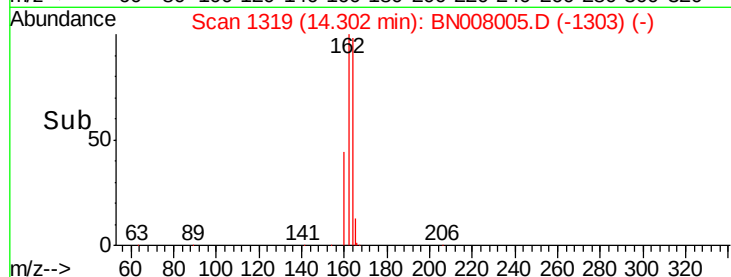
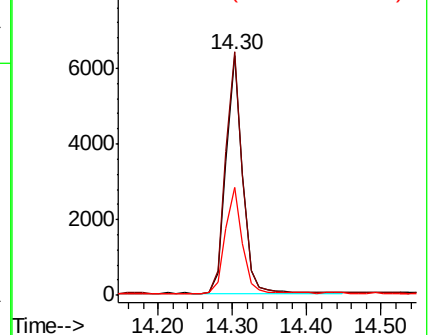
160 45.0 37.0 55.4



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: 0.334 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

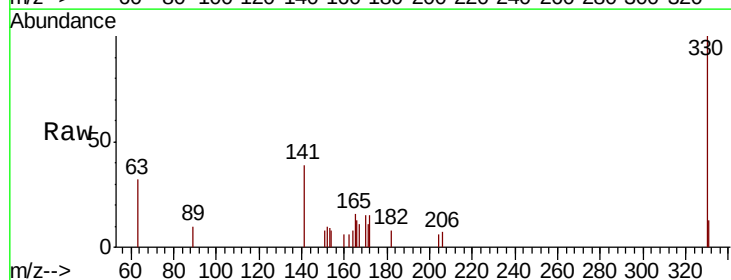
Tgt Ion:330 Resp: 1757

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

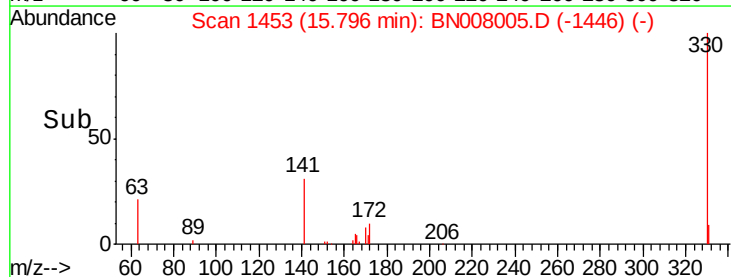
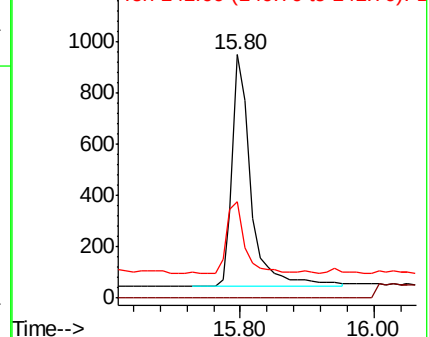
141 31.5 28.7 43.1

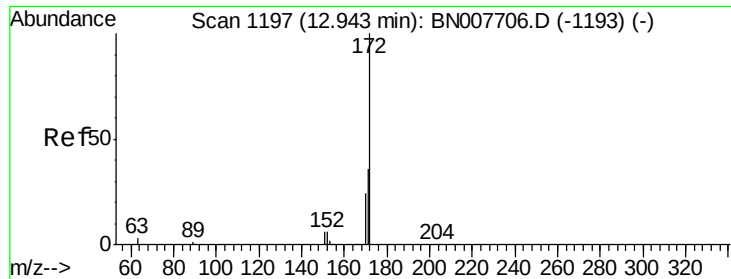


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

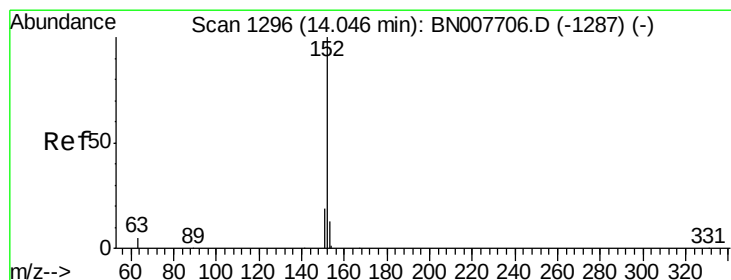
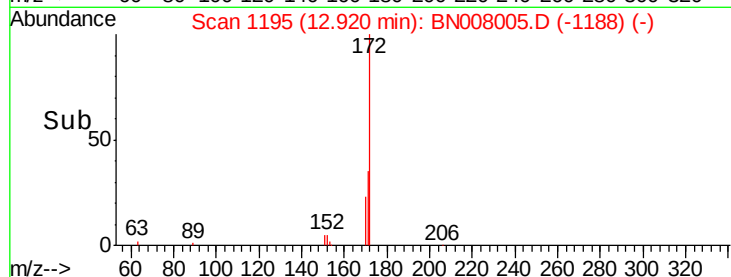
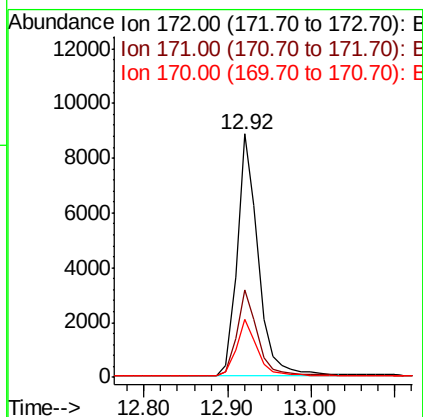
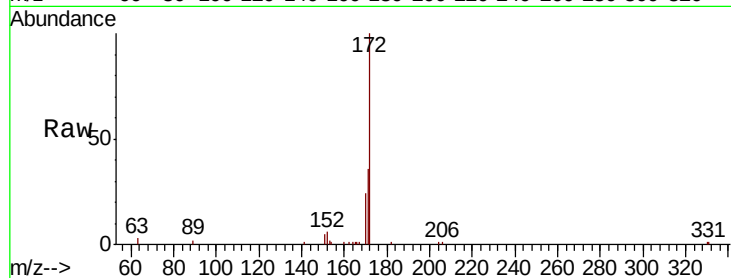




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

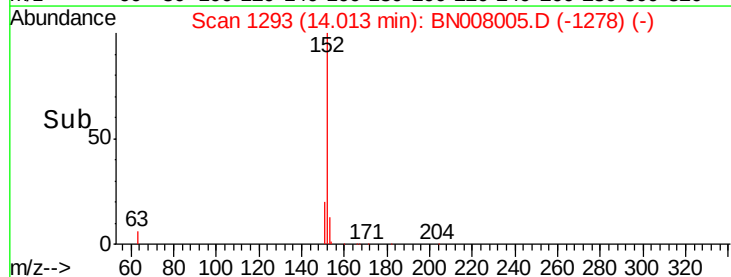
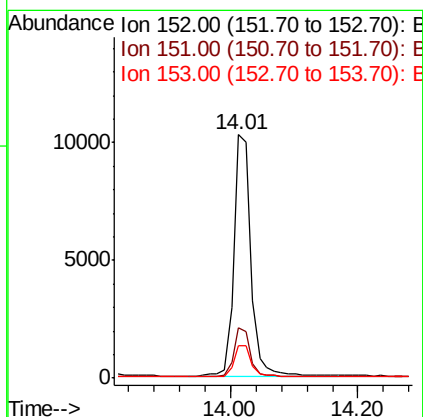
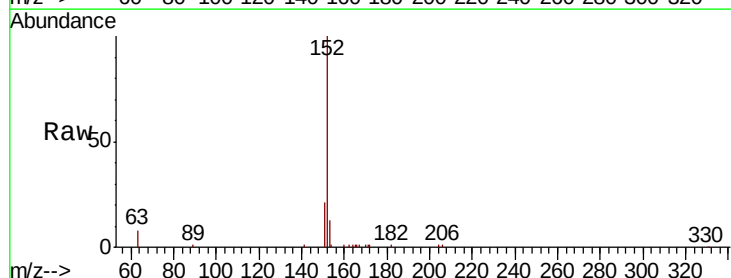
Instrument :
BNA_N
ClientSampleId :

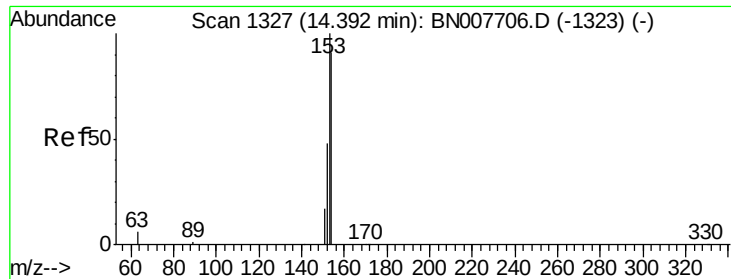
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	19.5	29.3



#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.368 ng

RT: 14.36 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampled :

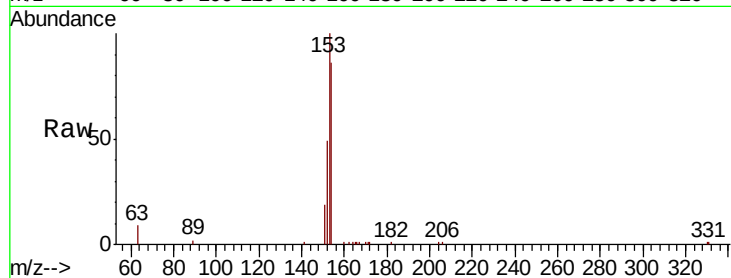
Tot Ion:154 Resp: 12159

Ion Ratio Lower Upper

154 100

153 113.6 87.0 130.4

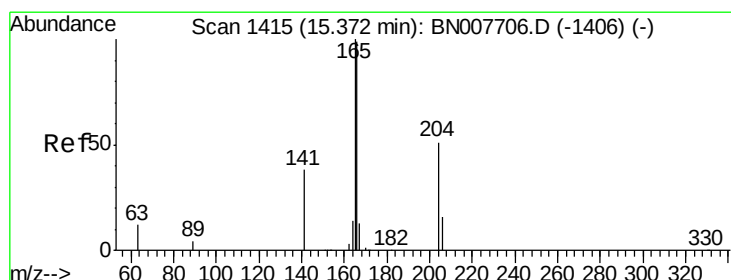
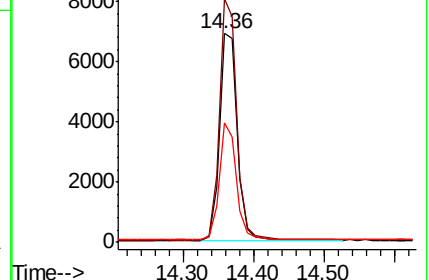
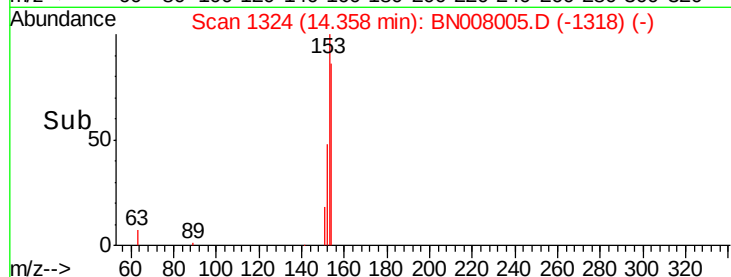
152 54.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.366 ng

RT: 15.35 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

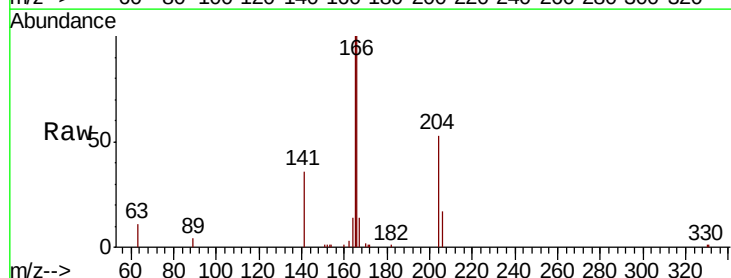
Tgt Ion:166 Resp: 15509

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

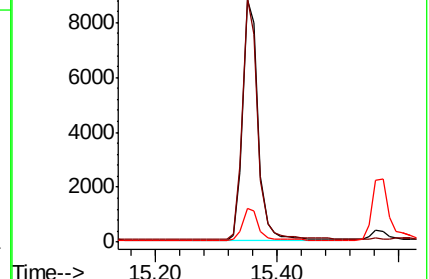
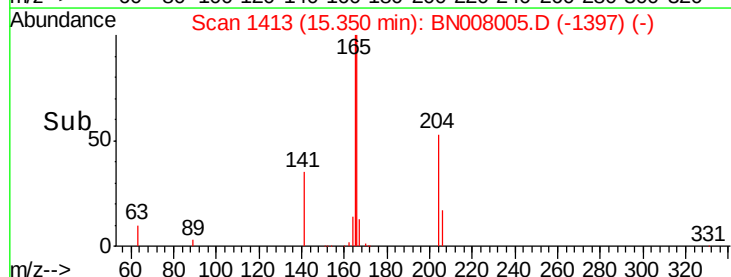
167 13.3 10.9 16.3

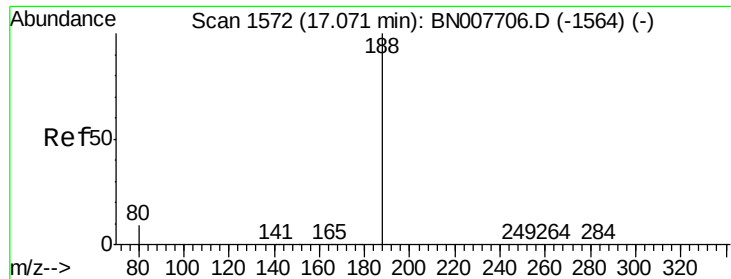


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

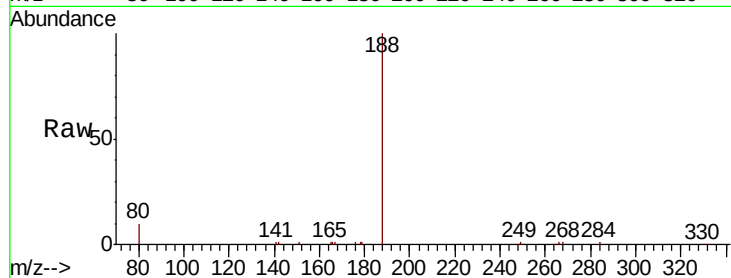
Tot Ion:188 Resp: 20340

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

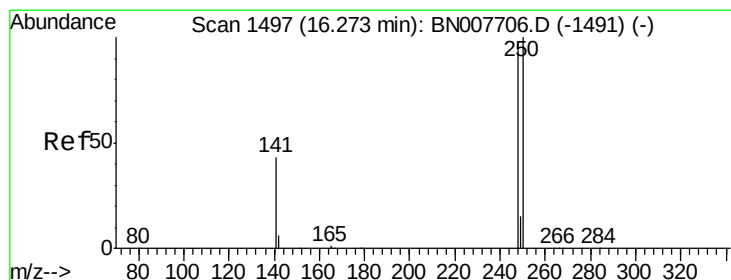
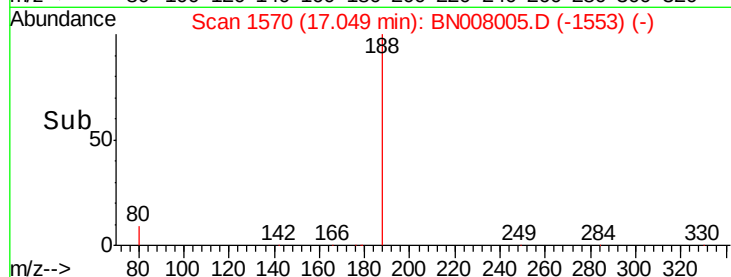
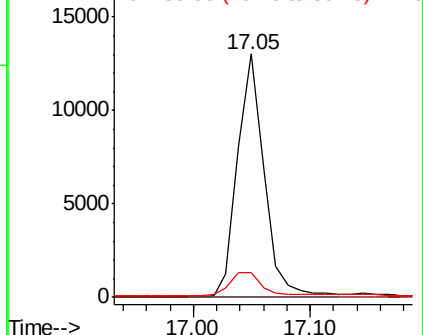
80 10.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.24 min Scan# 1494

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

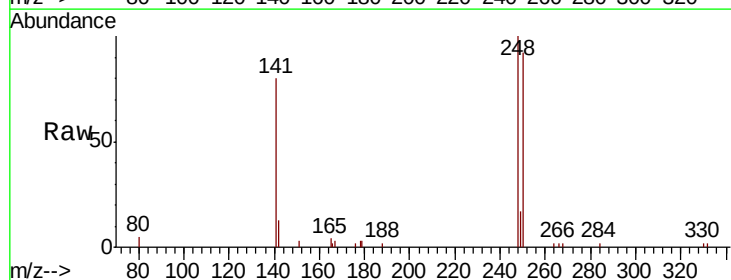
Tgt Ion:248 Resp: 5053

Ion Ratio Lower Upper

248 100

250 92.1 82.2 123.4

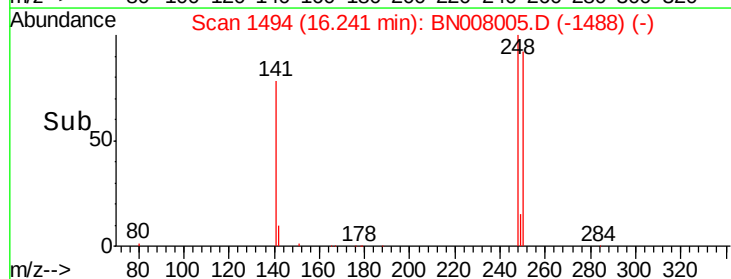
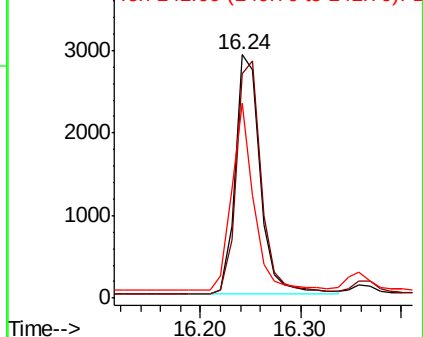
141 80.2 36.3 54.5#

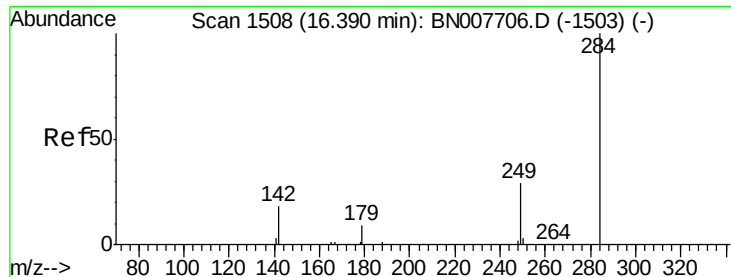


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

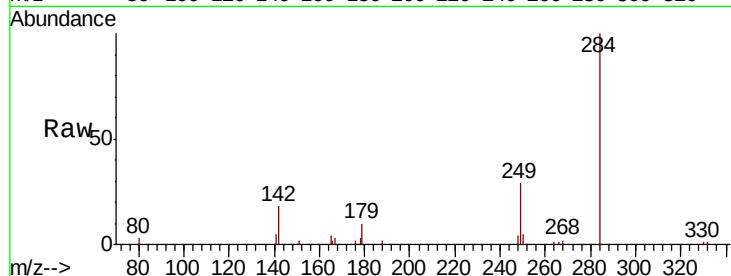




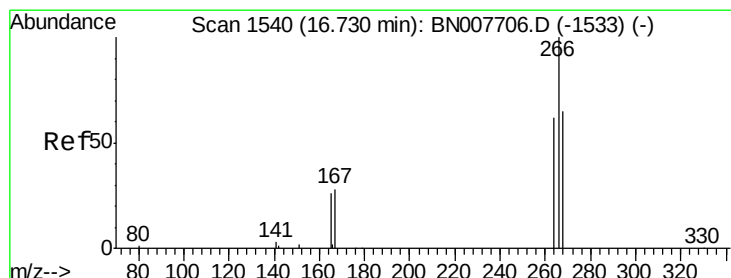
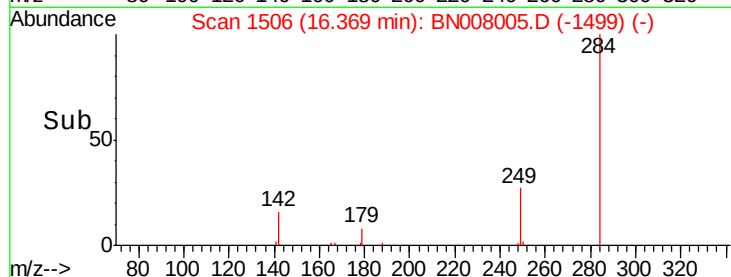
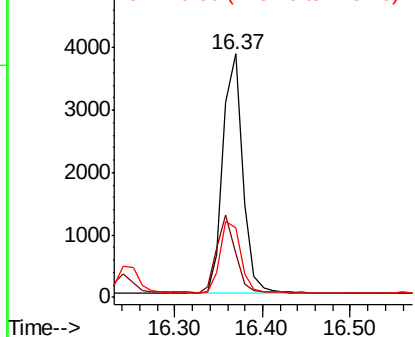
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 6024
Ion Ratio Lower Upper
284 100
142 30.4 25.8 38.6
249 31.1 25.9 38.9

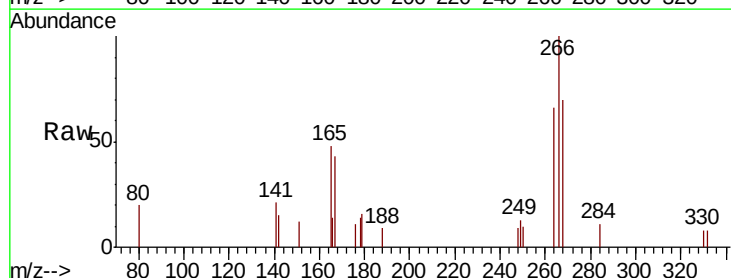


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

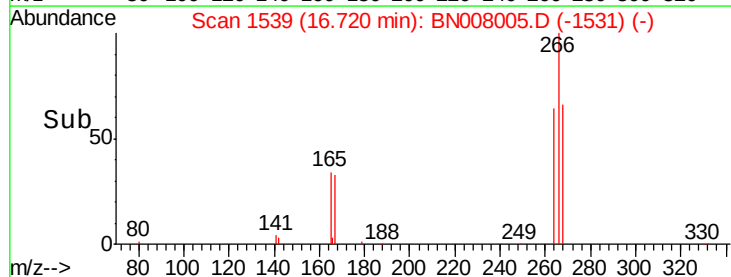
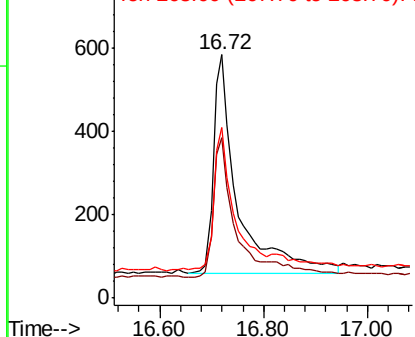


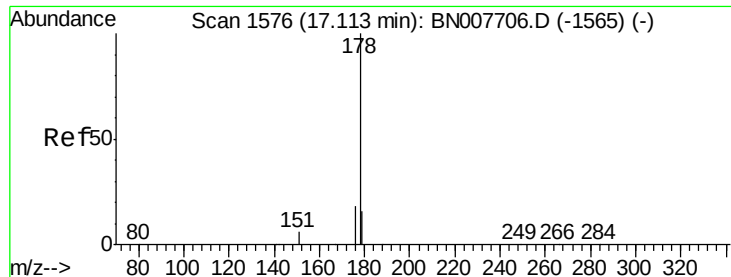
#22
Pentachlorophenol
Concen: 0.343 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:266 Resp: 1708
Ion Ratio Lower Upper
266 100
264 65.8 50.0 75.0
268 70.2 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: 0.405 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

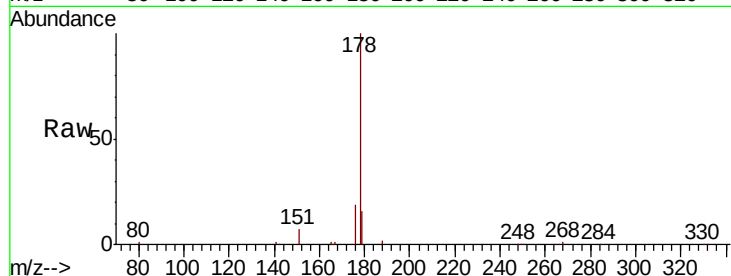
Tot Ion:178 Resp: 25677

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

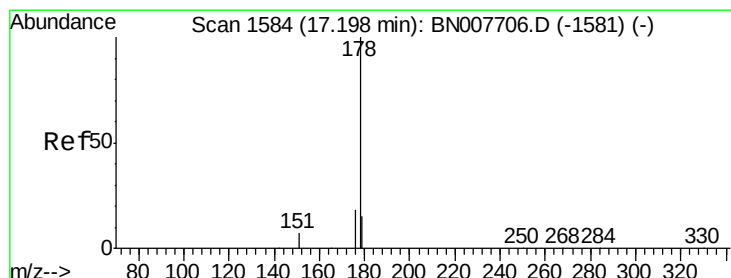
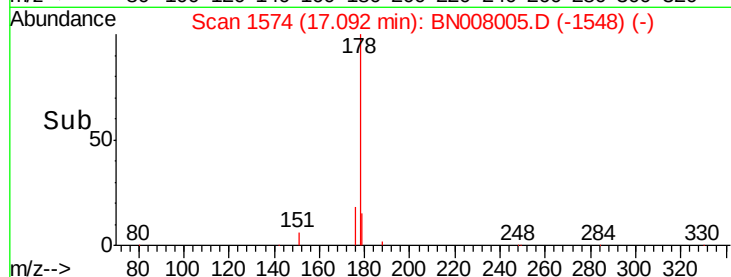
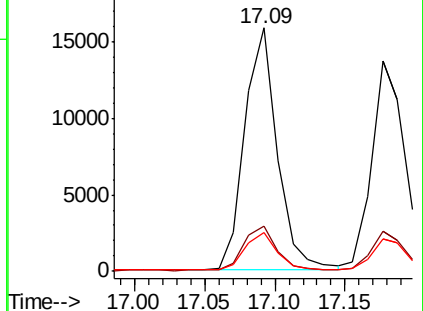
179 15.5 12.5 18.7



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: 0.410 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

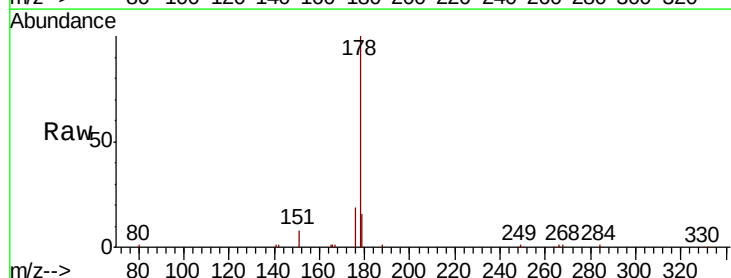
Tgt Ion:178 Resp: 23473

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

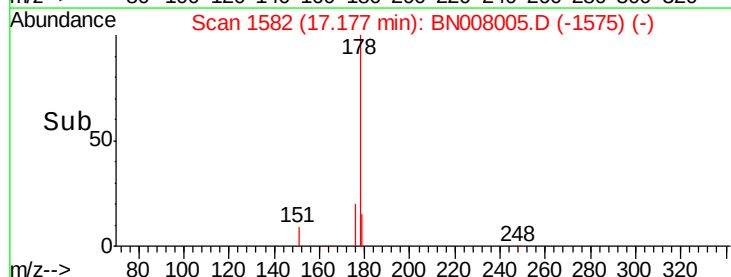
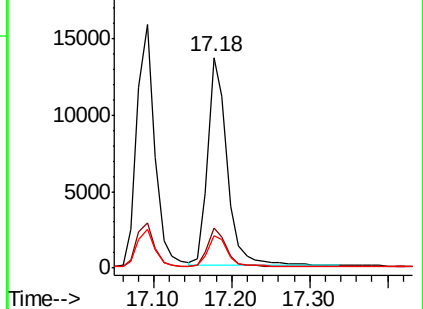
179 15.1 12.2 18.4

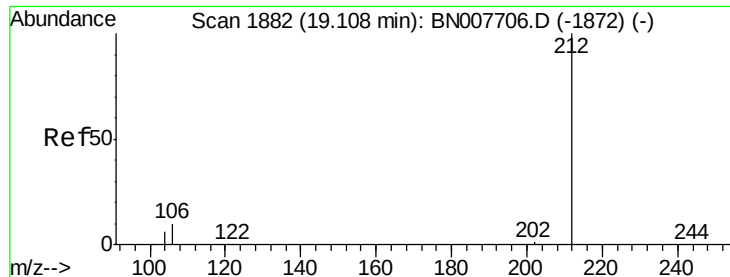


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 19.08 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampled :

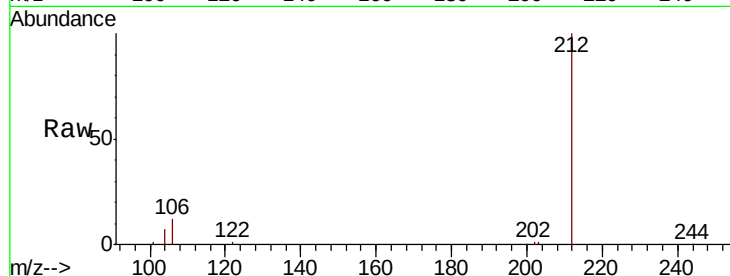
Tot Ion:212 Resp: 28218

Ion Ratio Lower Upper

212 100

106 11.2 9.4 14.0

104 6.4 5.3 7.9

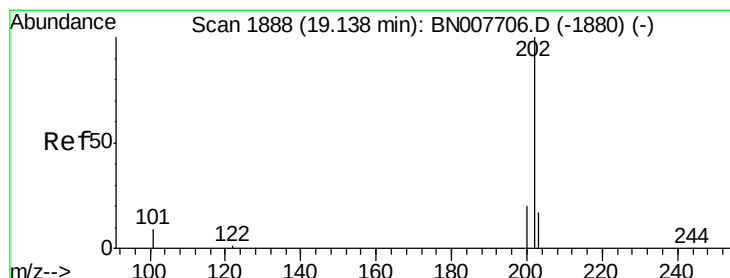
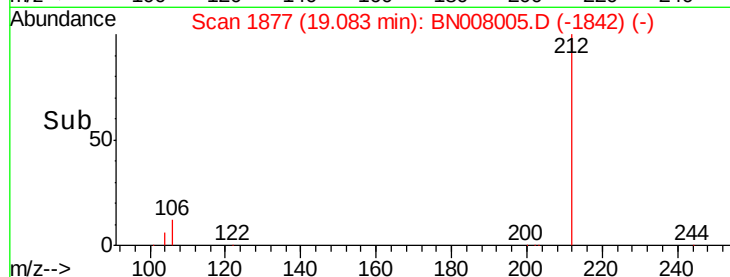
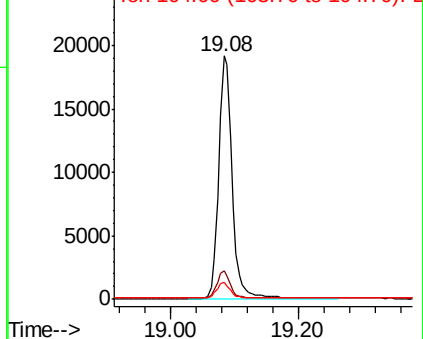


Abundance

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: 0.407 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

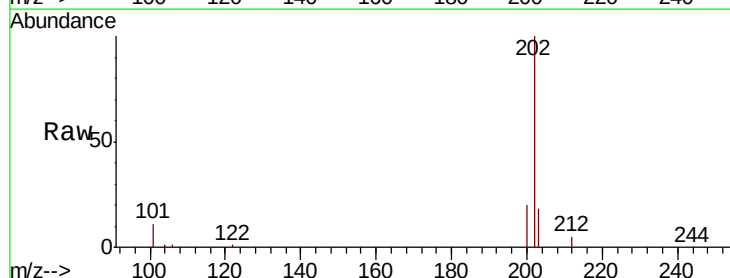
Tgt Ion:202 Resp: 32028

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

203 17.1 13.8 20.8

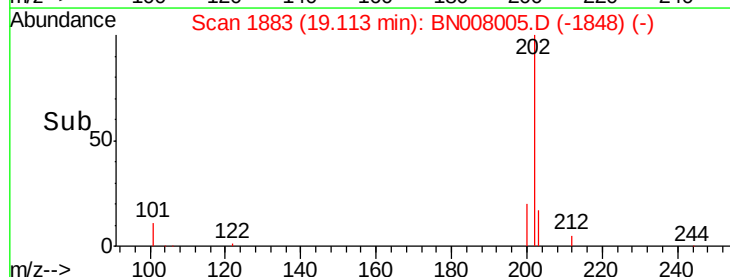
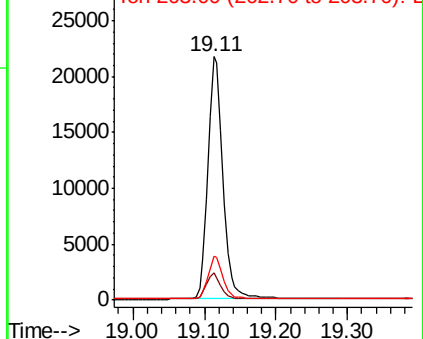


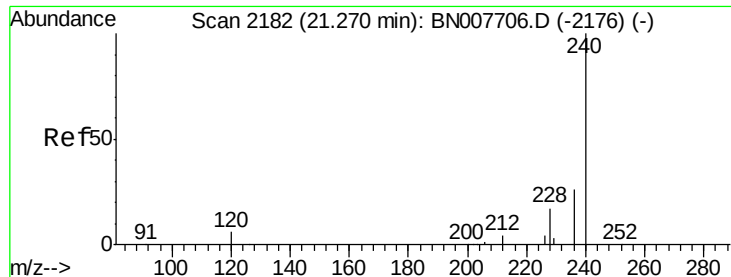
Abundance

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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

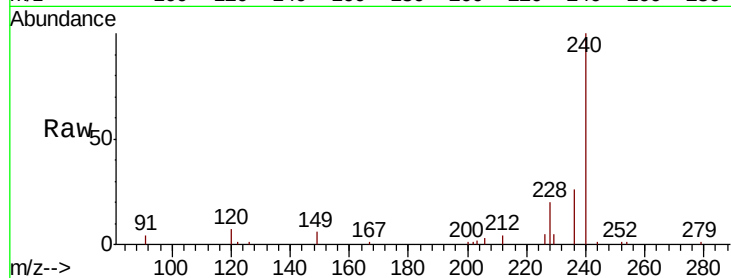
Tot Ion:240 Resp: 23156

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

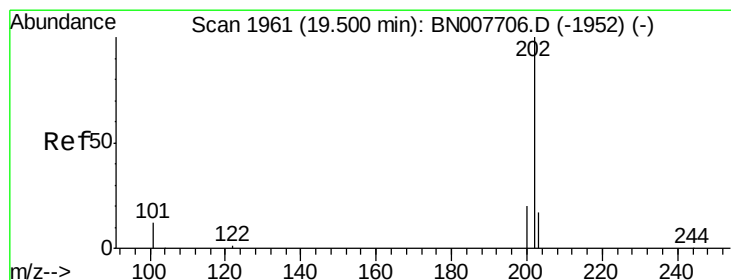
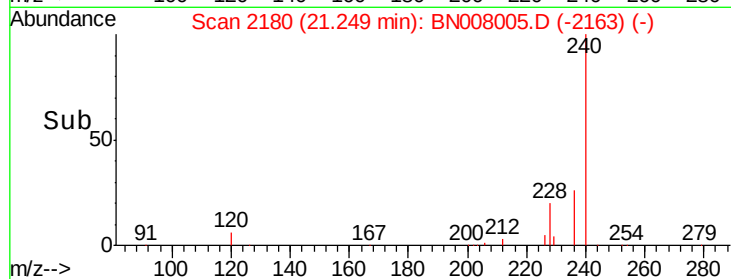
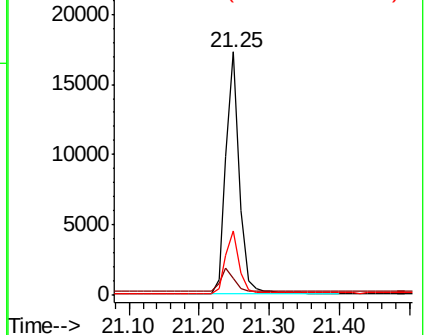
236 26.5 21.0 31.4



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: 0.419 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

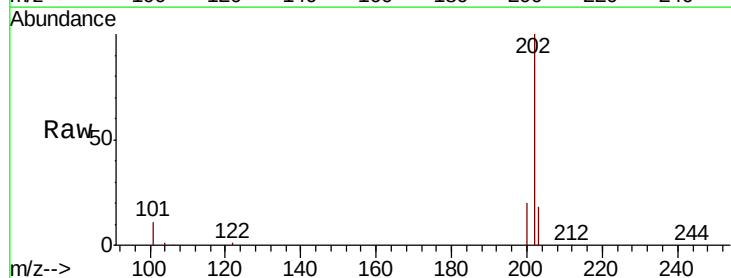
Tgt Ion:202 Resp: 33092

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

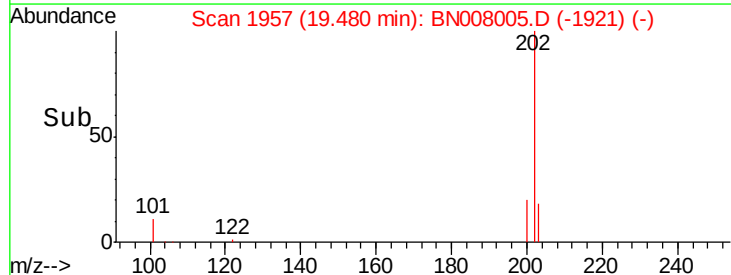
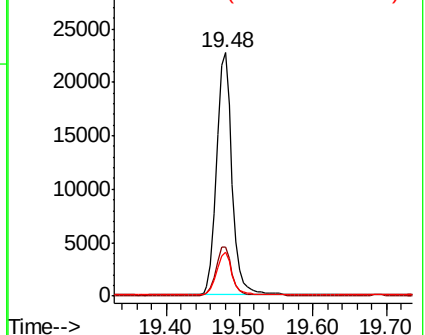
203 17.8 14.1 21.1

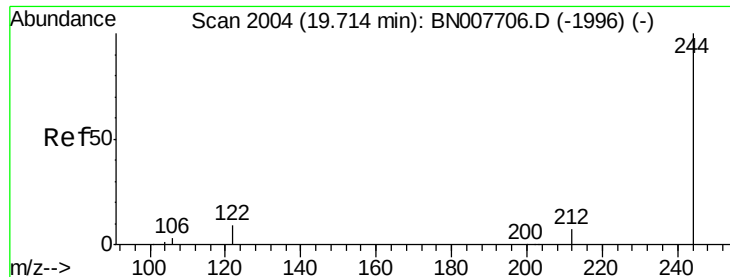


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.69 min Scan# 1999

Delta R.T. -0.02 min

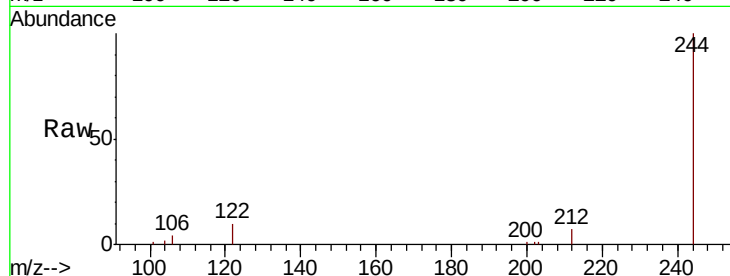
Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :



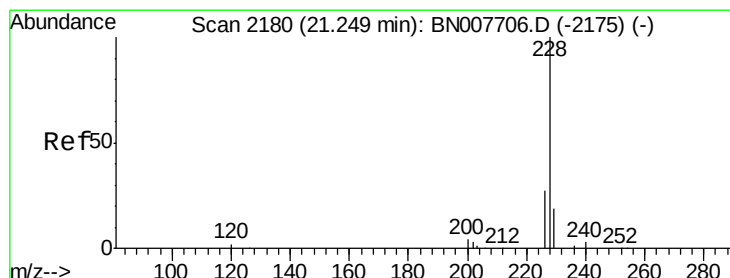
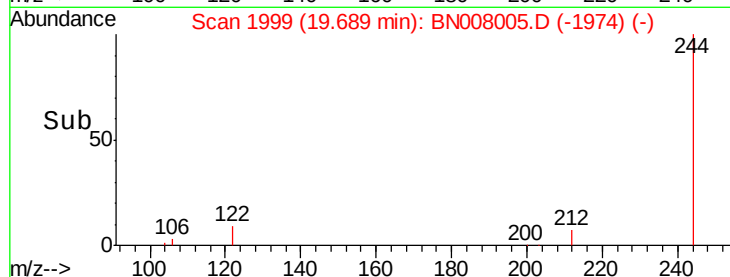
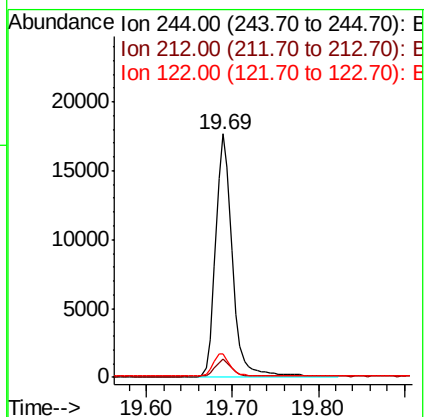
Tot Ion:244 Resp: 23785

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.7 7.4 11.2



#30

Benzo(a)anthracene

Concen: 0.402 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

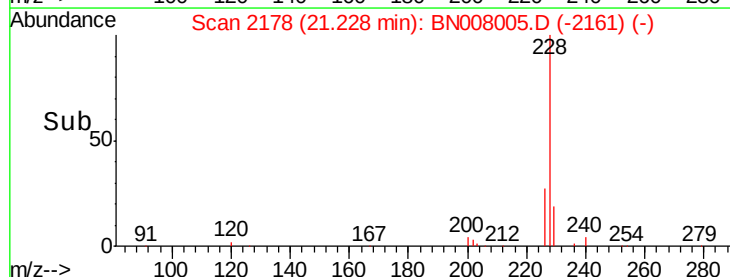
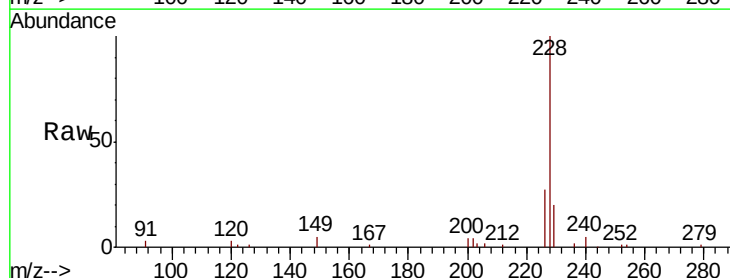
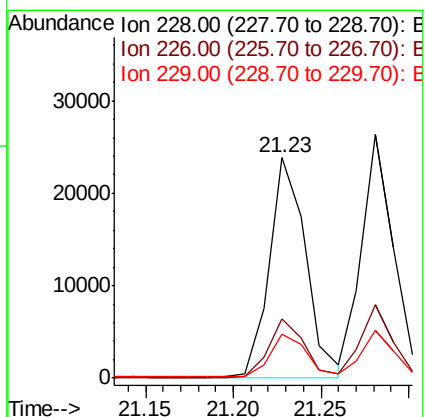
Tgt Ion:228 Resp: 34281

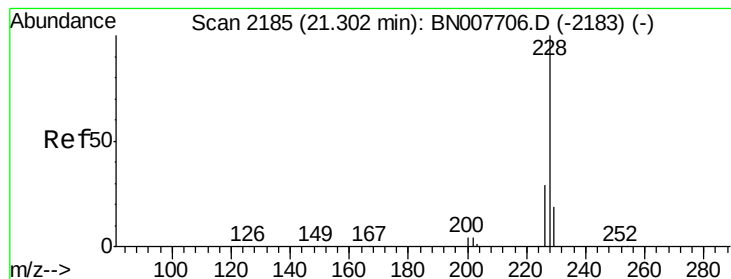
Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.7 15.8 23.6





#31

Chrysene

Concen: 0.407 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

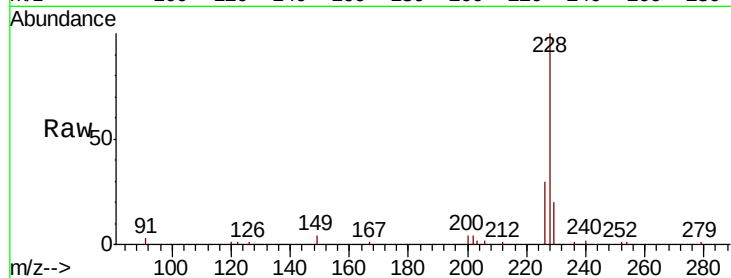
Tot Ion:228 Resp: 33791

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

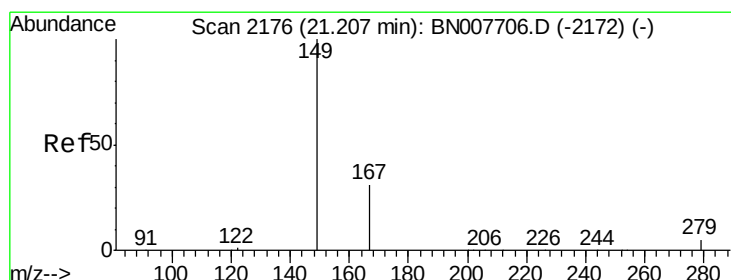
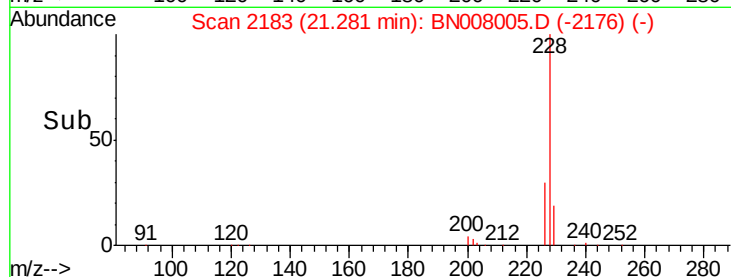
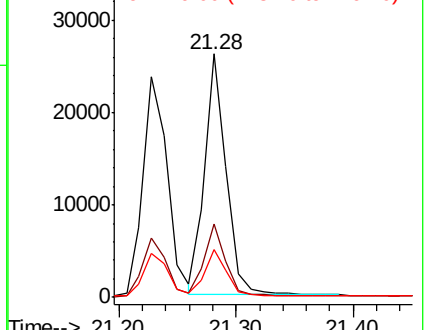
229 19.7 15.8 23.6



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: 0.435 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

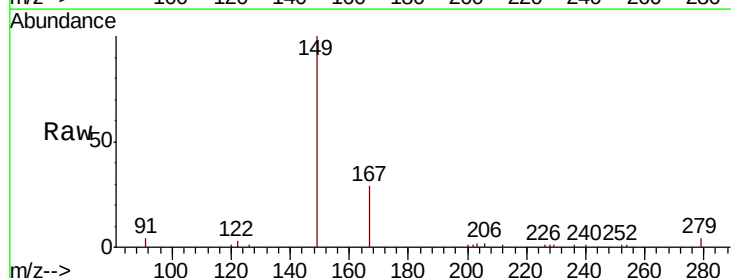
Tgt Ion:149 Resp: 19089

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

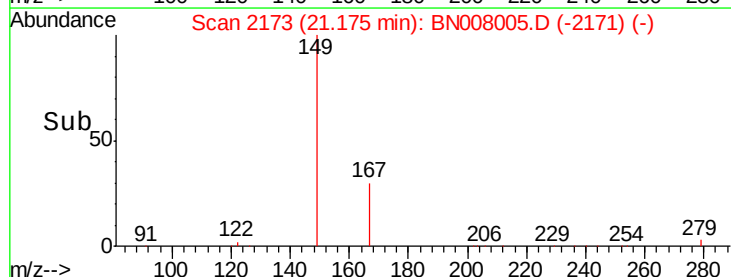
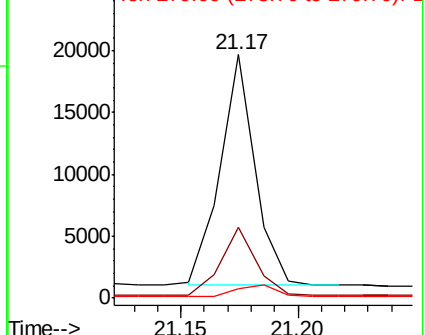
279 5.4 4.2 6.2

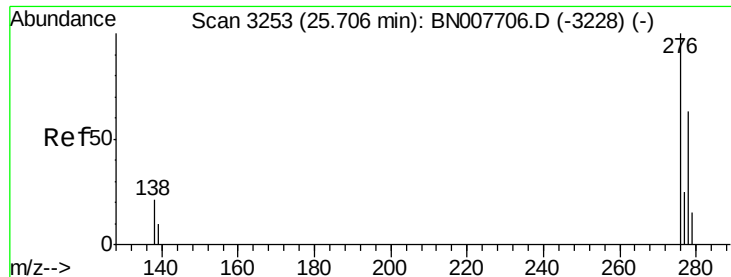


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

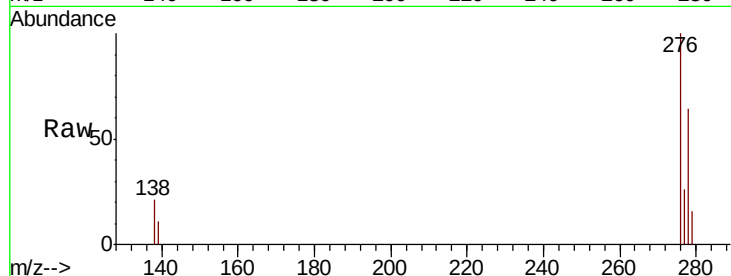




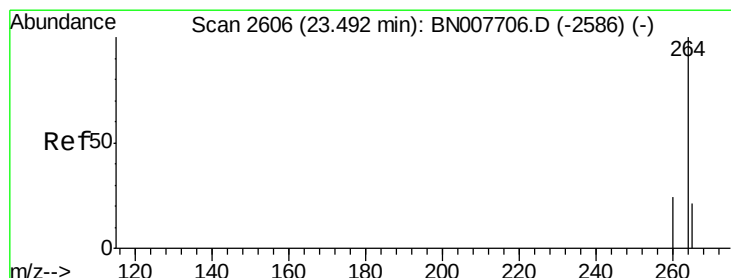
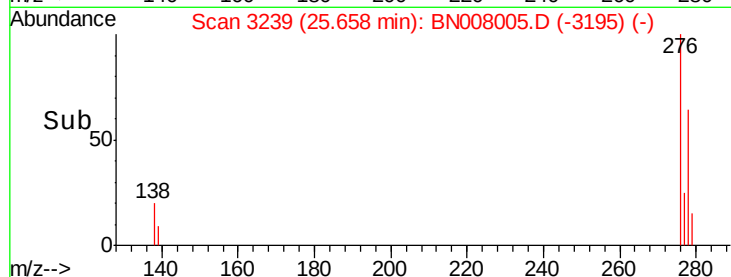
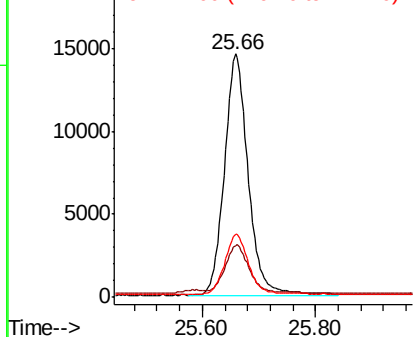
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.405 ng
 RT: 25.66 min Scan# 3239
 Delta R.T. -0.05 min
 Lab File: BN008005.D
 Acq: 04 Oct 2019 16:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 42133
 Ion Ratio Lower Upper
 276 100
 138 19.9 17.1 25.7
 277 25.0 20.0 30.0

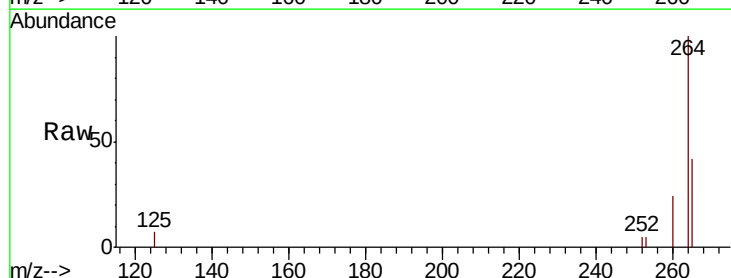


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

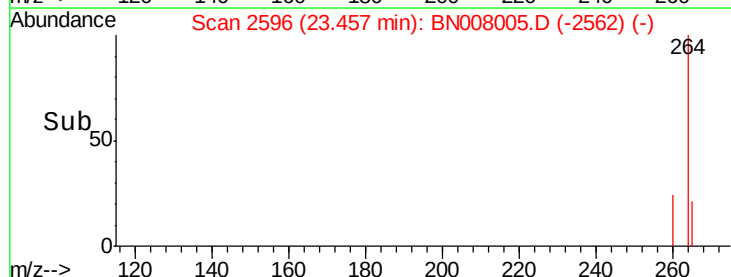
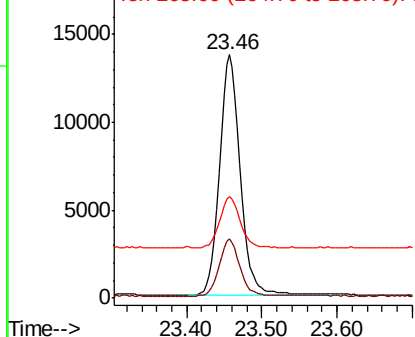


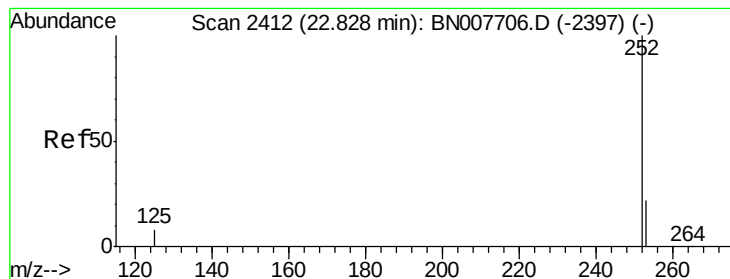
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2596
 Delta R.T. -0.03 min
 Lab File: BN008005.D
 Acq: 04 Oct 2019 16:11

Tgt Ion:264 Resp: 26065
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 41.7 26.9 40.3#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 22.84 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

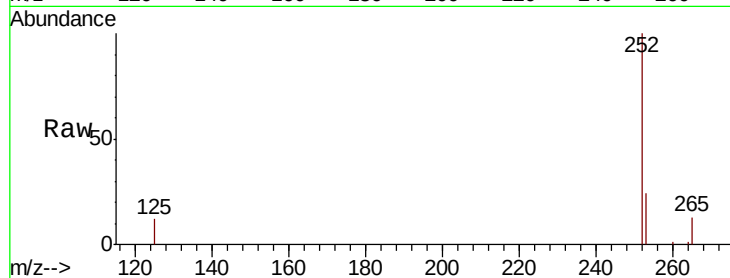
Tot Ion:252 Resp: 35453

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

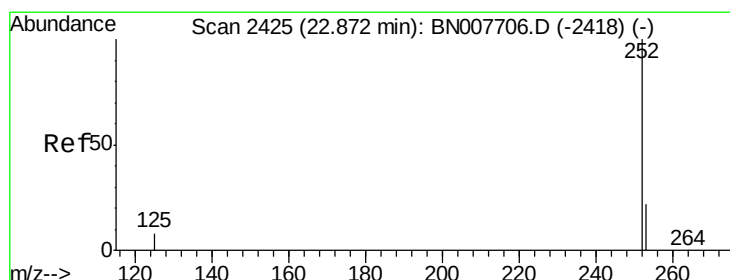
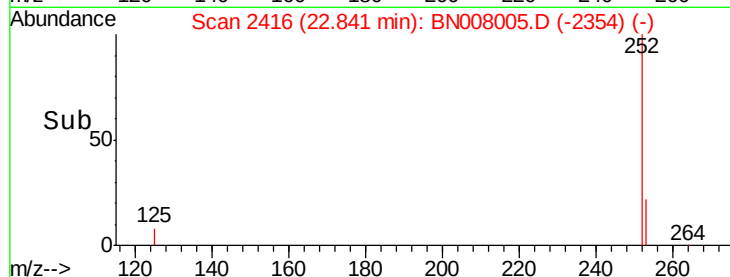
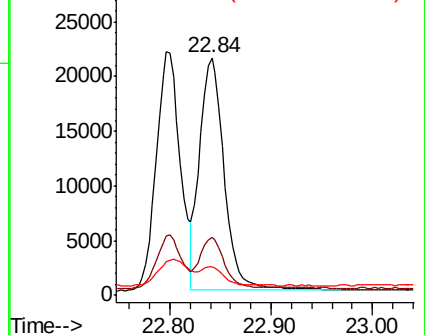
125 12.2 8.2 12.4



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: 0.396 ng

RT: 22.84 min Scan# 2416

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

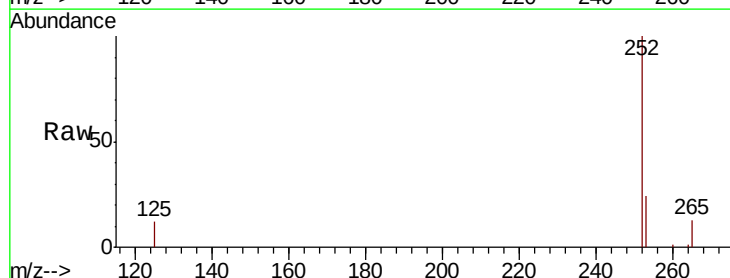
Tgt Ion:252 Resp: 35453

Ion Ratio Lower Upper

252 100

253 24.4 18.5 27.7

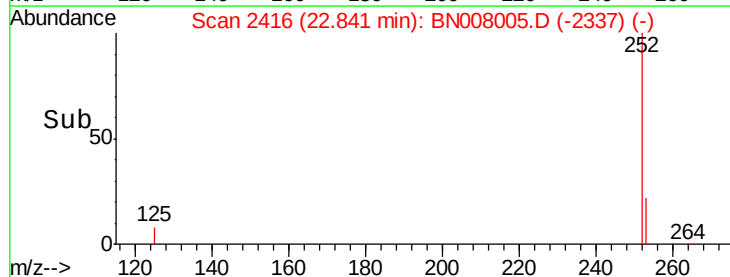
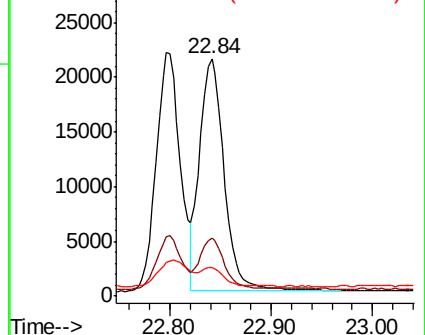
125 12.2 8.4 12.6

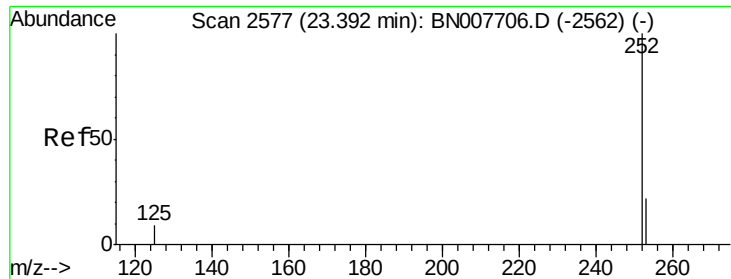


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.36 min Scan# 2568

Delta R.T. -0.03 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :

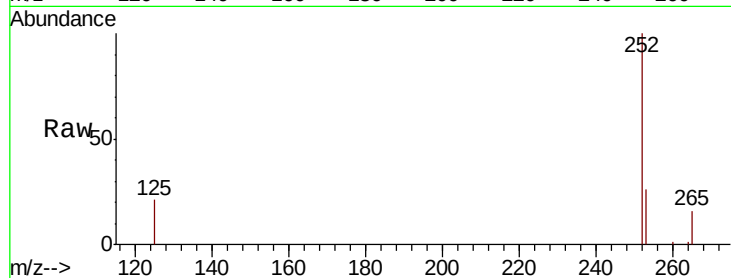
Tot Ion:252 Resp: 34373

Ion Ratio Lower Upper

252 100

253 26.4 18.6 27.8

125 20.8 9.4 14.0#

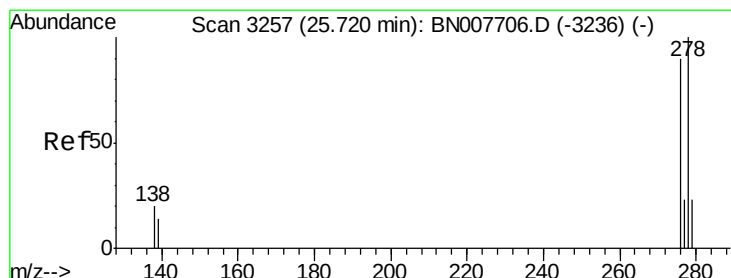
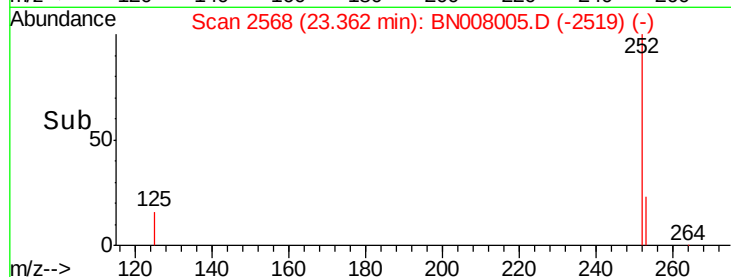
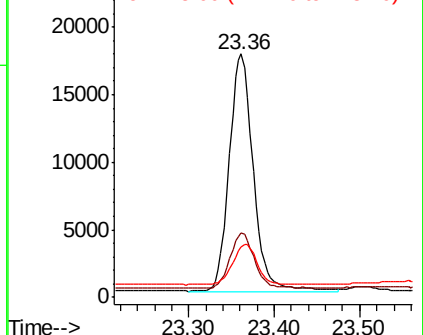


Abundance

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: 0.396 ng

RT: 25.67 min Scan# 3243

Delta R.T. -0.05 min

Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

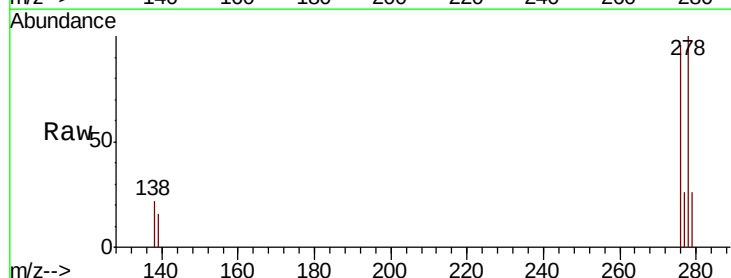
Tgt Ion:278 Resp: 34430

Ion Ratio Lower Upper

278 100

139 15.9 11.8 17.6

279 25.8 19.4 29.2

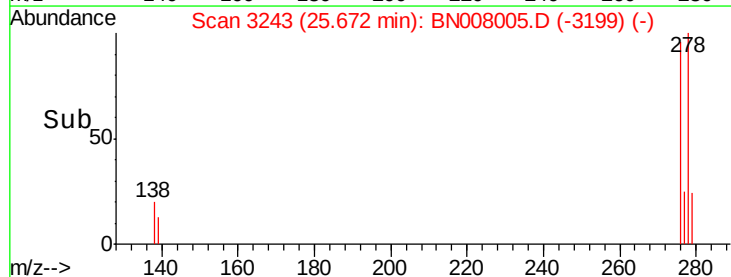
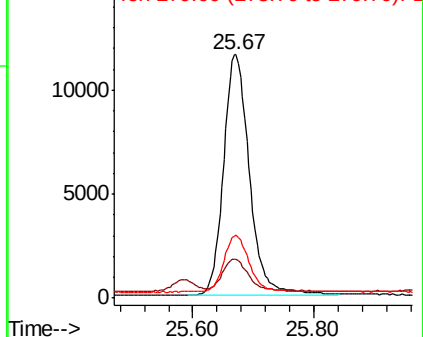


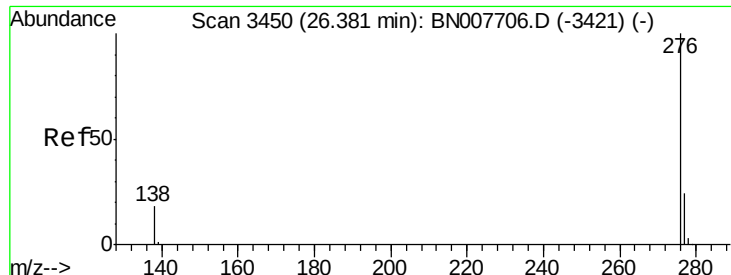
Abundance

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: 0.402 ng

RT: 26.33 min Scan# 3435

Delta R.T. -0.05 min

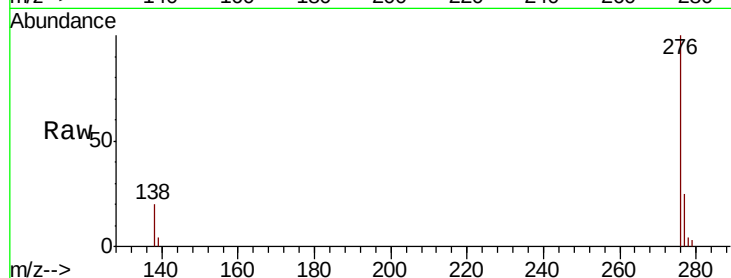
Lab File: BN008005.D

Acq: 04 Oct 2019 16:11

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 34608

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.8

138 19.5 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

