

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006605.D
 Acq On : 28 Jun 2019 09:41
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:17:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:12:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4467	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	18521	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	11529	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	26879	0.40	ng	0.00
27) Chrysene-d12	21.27	240	27151	0.40	ng	0.00
34) Perylene-d12	23.51	264	27895	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2114	0.19	ng	0.00
5) Phenol-d6	6.84	99	2633	0.20	ng	0.00
8) Nitrobenzene-d5	8.81	82	2111	0.20	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	5517	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	888	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	8200	0.19	ng	0.00
25) Fluoranthene-d10	19.08	212	15087	0.20	ng	0.00
29) Terphenyl-d14	19.68	244	10965	0.20	ng	0.00

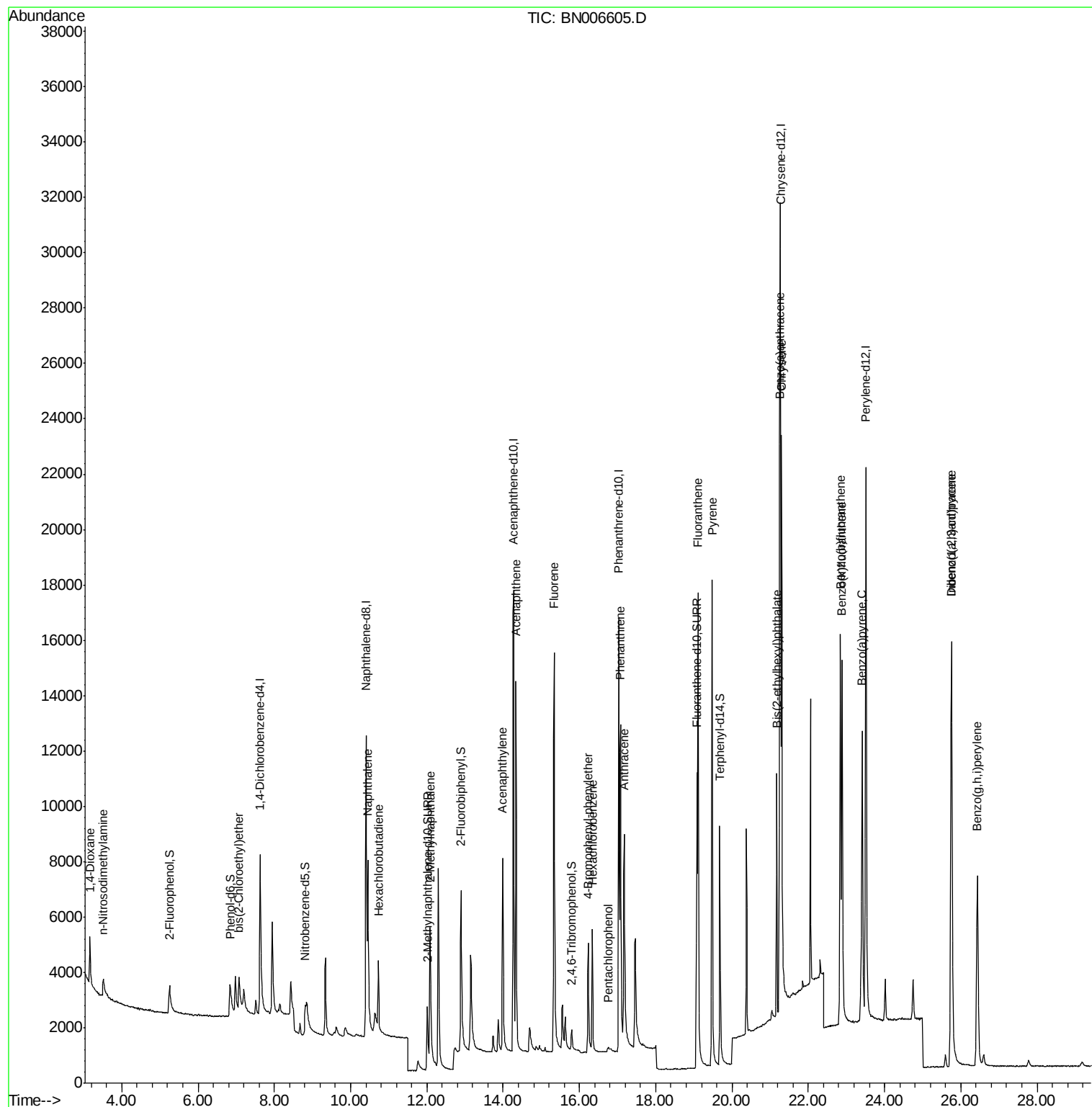
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	1334	0.278	ng	99
3) n-Nitrosodimethylamine	3.51	42	709	0.242	ng	# 97
6) bis(2-Chloroethyl)ether	7.07	93	2388	0.191	ng	96
9) Naphthalene	10.45	128	9611	0.206	ng	99
10) Hexachlorobutadiene	10.73	225	2089	0.242	ng	# 100
12) 2-Methylnaphthalene	12.08	142	6356	0.189	ng	98
16) Acenaphthylene	13.99	152	9803	0.180	ng	99
17) Acenaphthene	14.33	154	6908	0.200	ng	99
18) Fluorene	15.34	166	8505	0.183	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	2683	0.174	ng	96
21) Hexachlorobenzene	16.34	284	3687	0.217	ng	100
22) Pentachlorophenol	16.75	266	389	0.104	ng	89
23) Phenanthrene	17.08	178	14274	0.190	ng	100
24) Anthracene	17.17	178	11550	0.172	ng	100
26) Fluoranthene	19.11	202	17723	0.192	ng	100
28) Pyrene	19.48	202	18408	0.239	ng	100
30) Benzo(a)anthracene	21.25	228	16491	0.215	ng	98
31) Chrysene	21.30	228	18652	0.226	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	7792	0.243	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	18342	0.198	ng	99
35) Benzo(b)fluoranthene	22.84	252	17823	0.199	ng	96
36) Benzo(k)fluoranthene	22.89	252	19599	0.227	ng	96
37) Benzo(a)pyrene	23.41	252	17193	0.216	ng	95
38) Dibenzo(a,h)anthracene	25.76	278	14685	0.185	ng	96
39) Benzo(g,h,i)perylene	26.44	276	14913	0.186	ng	100

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

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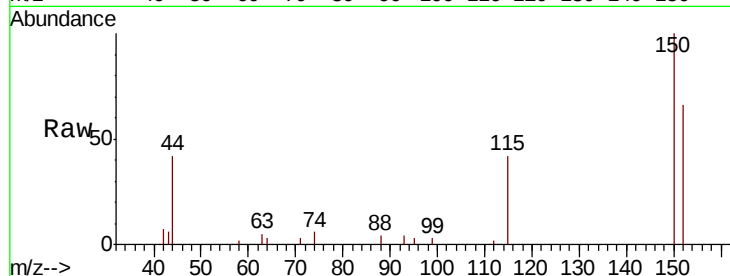


#1

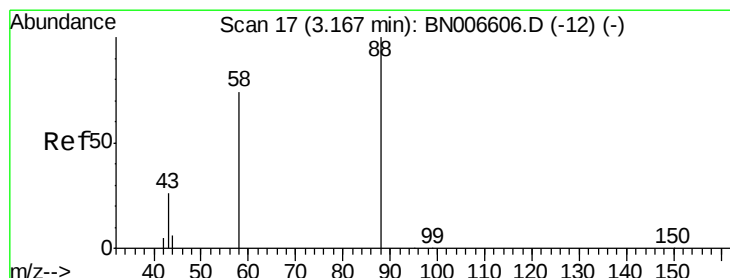
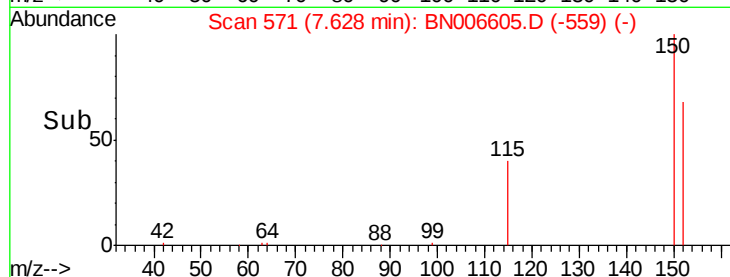
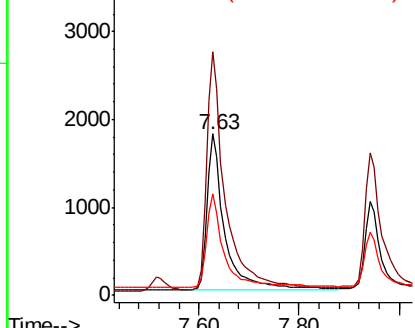
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4467
Ion Ratio Lower Upper
152 100
150 150.9 122.2 183.2
115 62.7 50.0 75.0



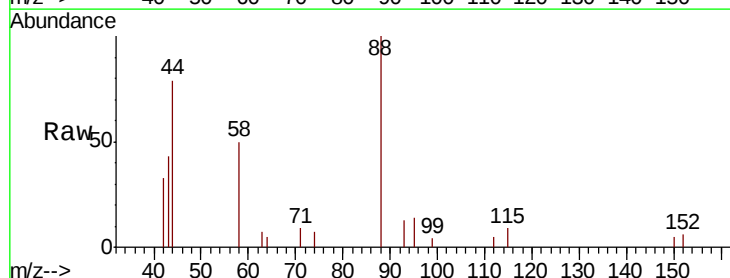
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



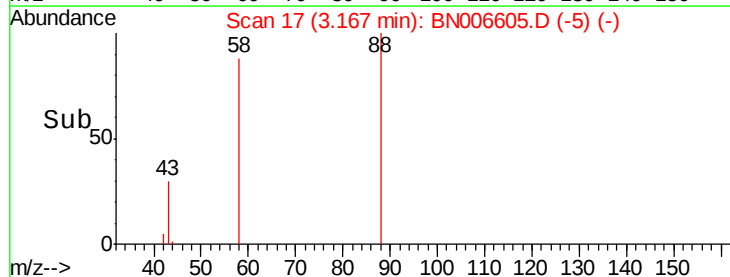
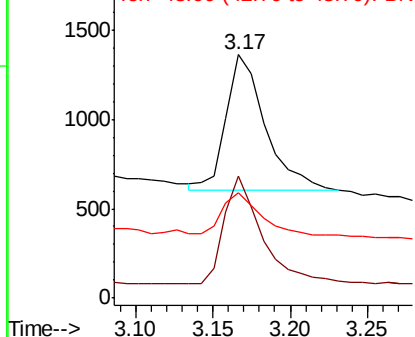
#2

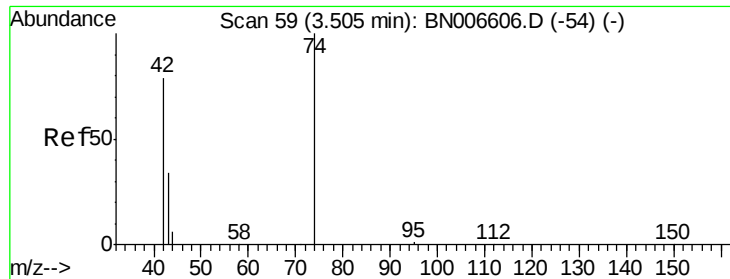
1,4-Dioxane
Concen: 0.278 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

Tgt Ion: 88 Resp: 1334
Ion Ratio Lower Upper
88 100
58 77.3 62.5 93.7
43 30.7 25.4 38.0



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: 0.242 ng

RT: 3.51 min Scan# 60

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

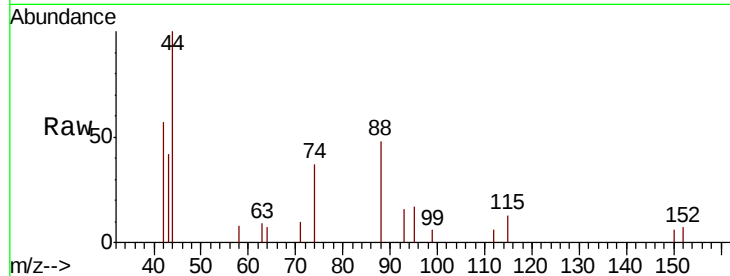
Tot Ion: 42 Resp: 709

Ion Ratio Lower Upper

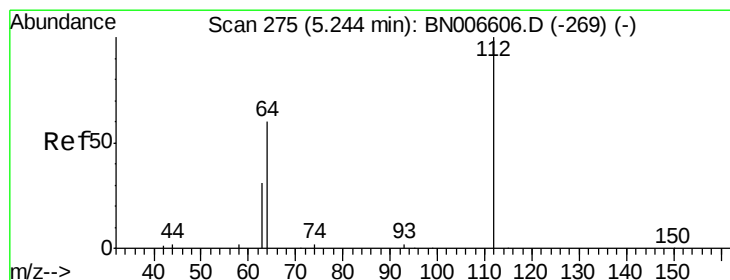
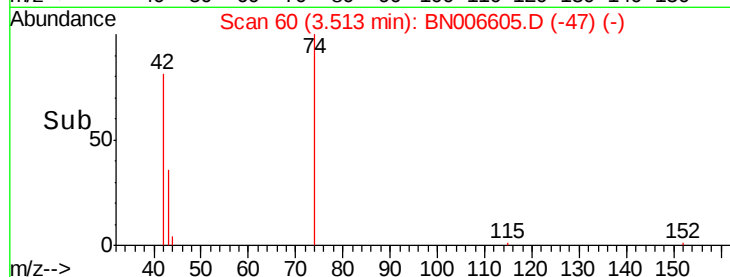
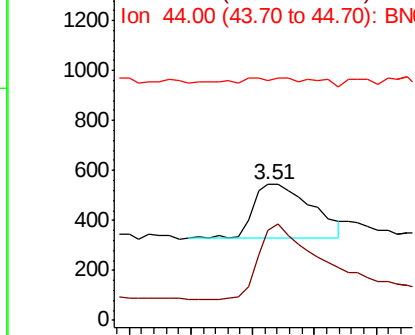
42 100

74 131.5 103.1 154.7

44 0.0 3.4 5.2#



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



#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

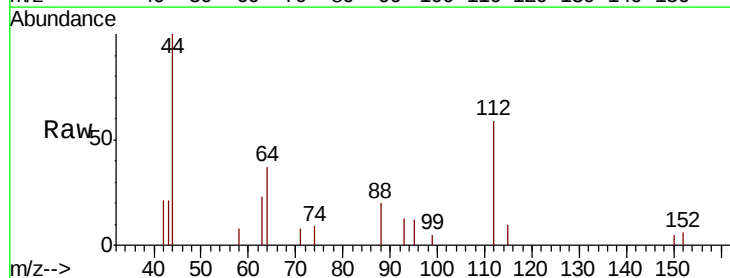
Tgt Ion: 112 Resp: 2114

Ion Ratio Lower Upper

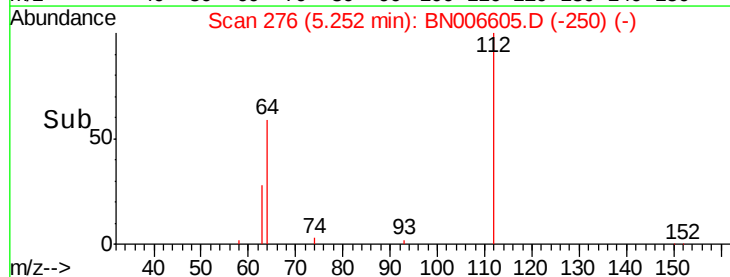
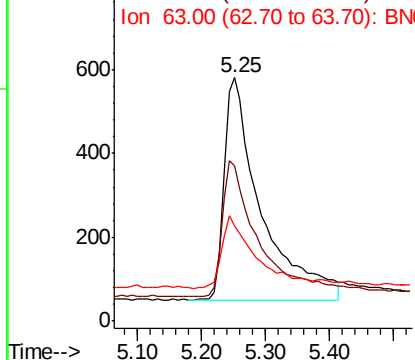
112 100

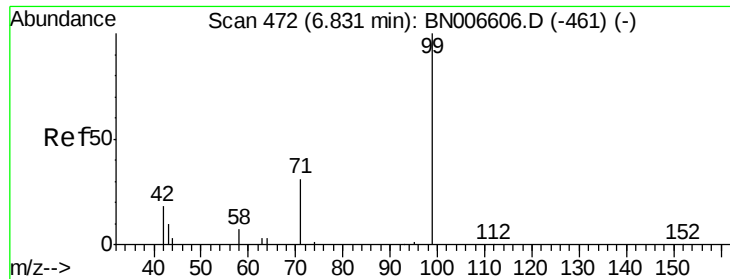
64 60.8 48.9 73.3

63 30.1 24.3 36.5



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





#5

Phenol-d6

Concen: 0.199 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

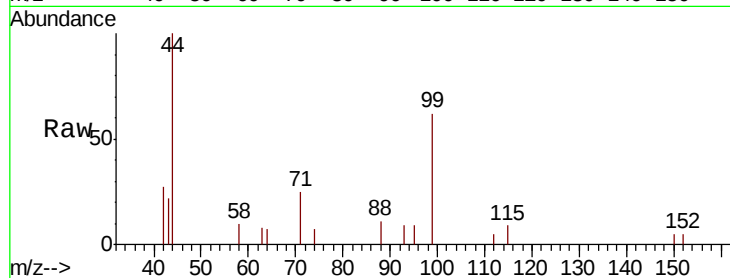
Tot Ion: 99 Resp: 2633

Ion Ratio Lower Upper

99 100

42 20.2 16.4 24.6

71 33.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006606.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006606.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006606.D (-461) (-)

6.84

800

600

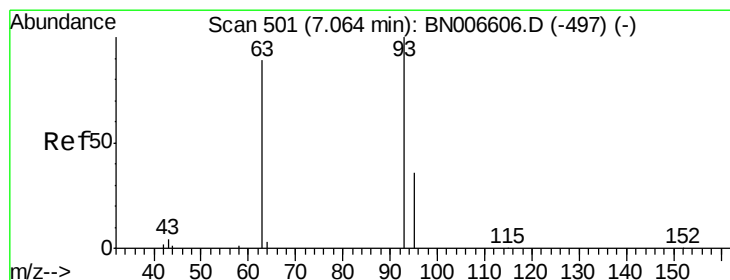
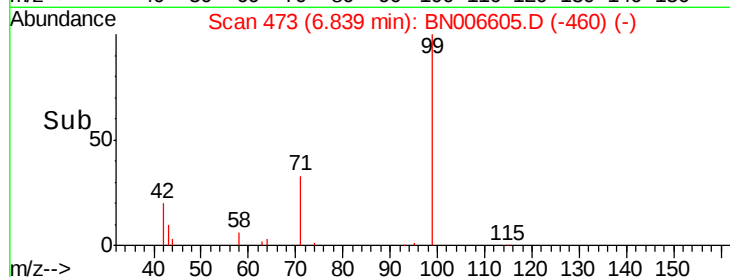
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.191 ng

RT: 7.07 min Scan# 502

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

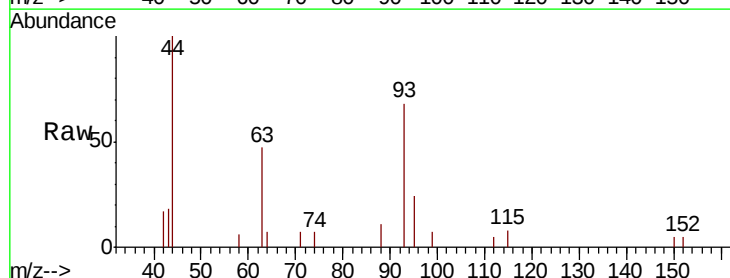
Tgt Ion: 93 Resp: 2388

Ion Ratio Lower Upper

93 100

63 63.6 52.5 78.7

95 27.1 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)

1500

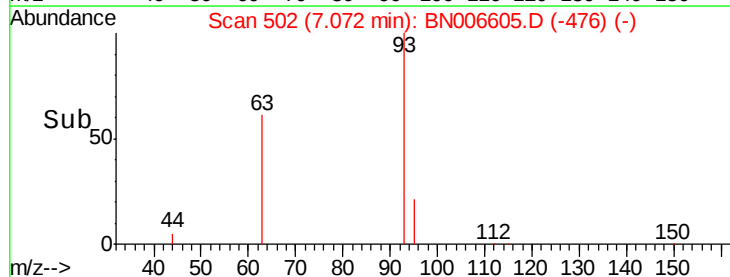
1000

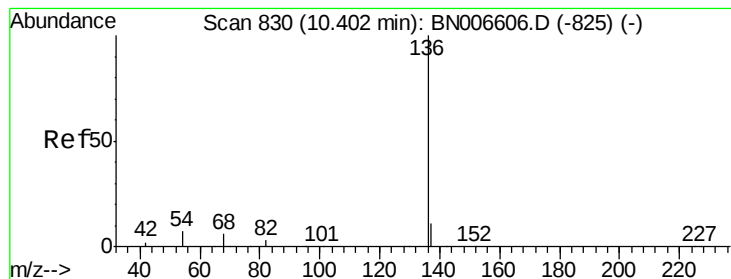
500

0

7.00 7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18521

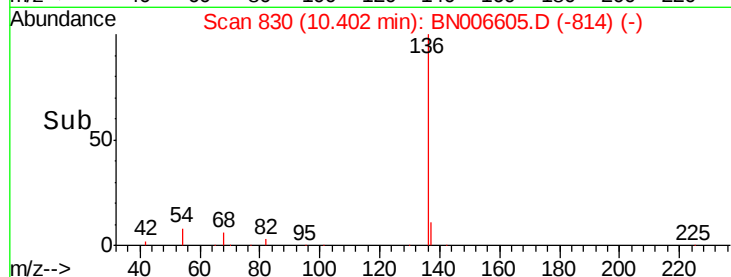
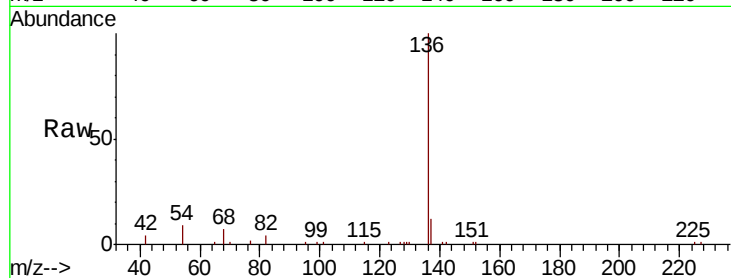
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.3 6.7 10.1

68 7.0 5.3 7.9

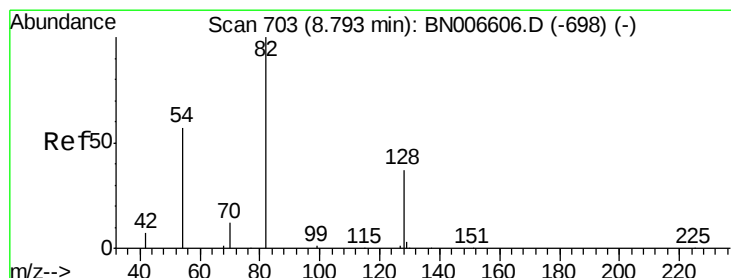
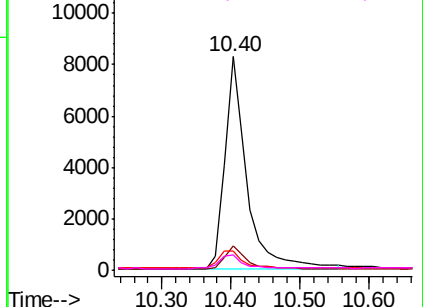


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

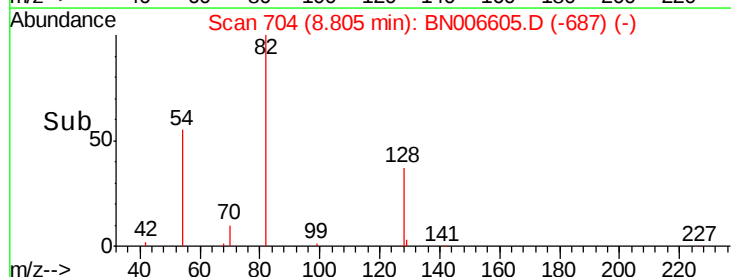
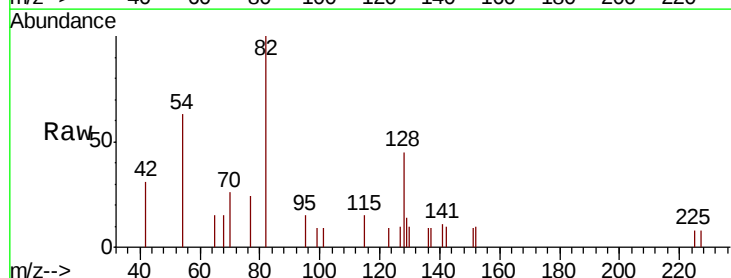
Tgt Ion: 82 Resp: 2111

Ion Ratio Lower Upper

82 100

128 45.2 32.6 49.0

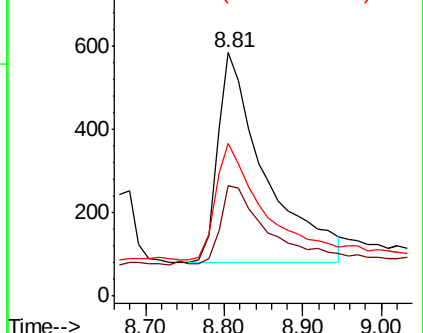
54 62.5 48.2 72.4

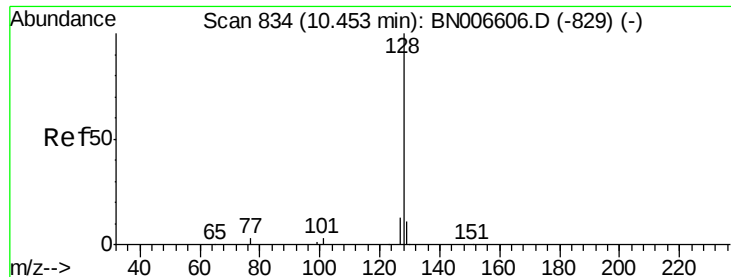


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.206 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampled :

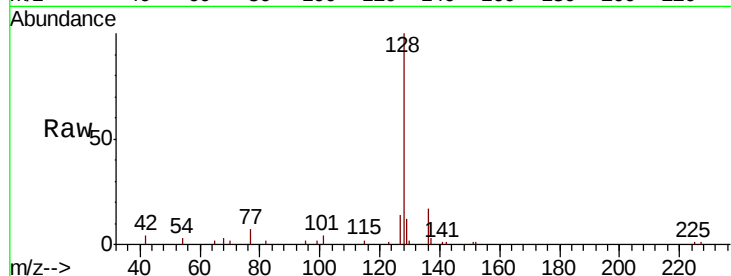
Tot Ion:128 Resp: 9611

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

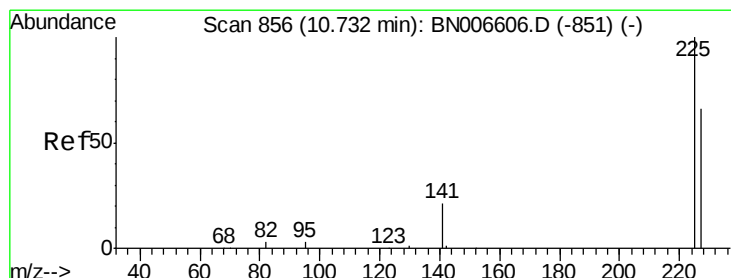
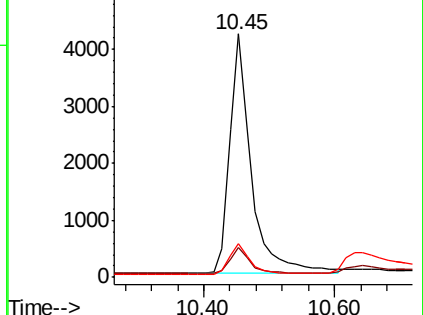
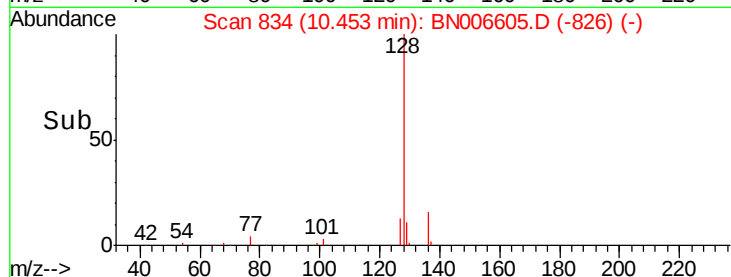
127 13.7 10.8 16.2



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: 0.242 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

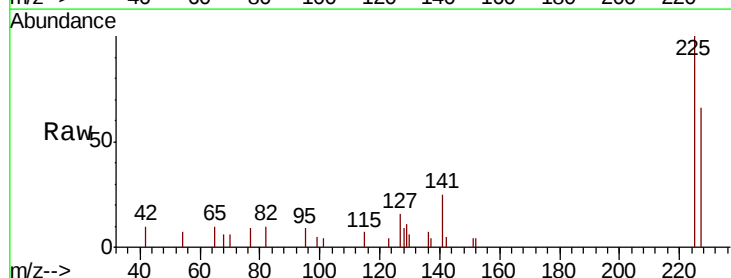
Tgt Ion:225 Resp: 2089

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

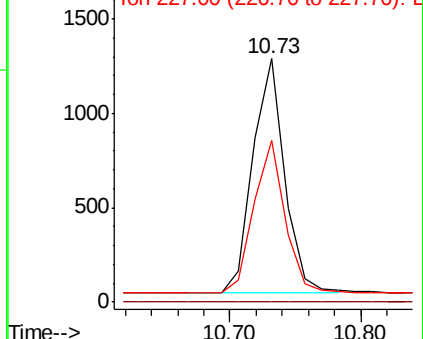
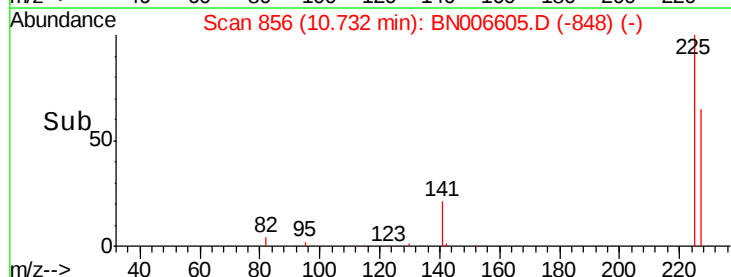
227 64.1 51.4 77.2

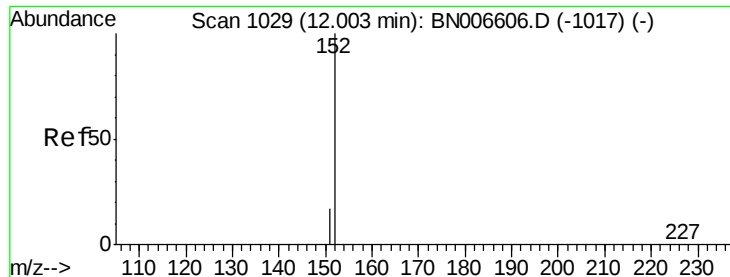


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

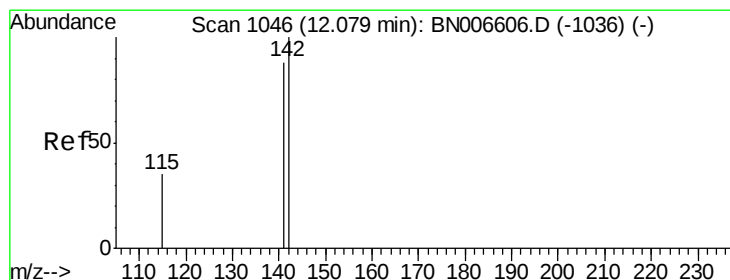
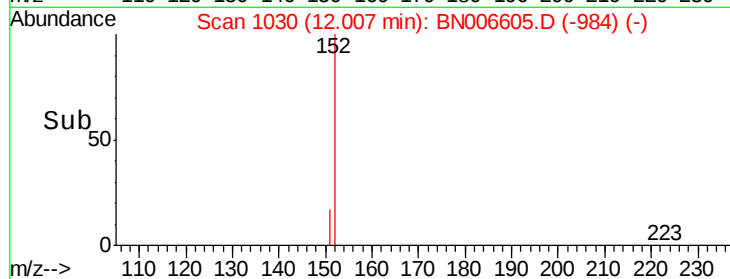
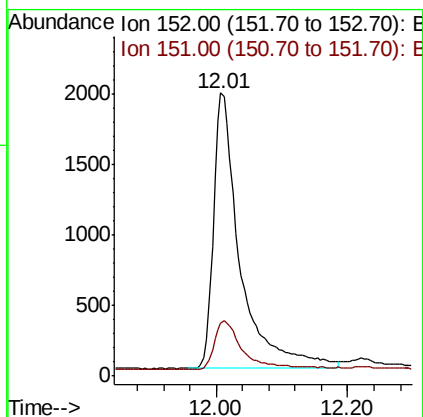
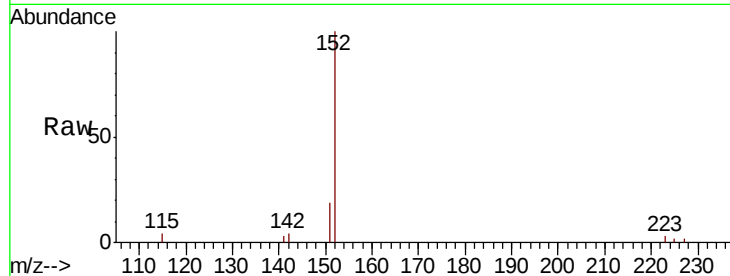




#11
 2-Methylnaphthalene-d10
 Concen: 0.192 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006605.D
 Acq: 28 Jun 2019 09:41

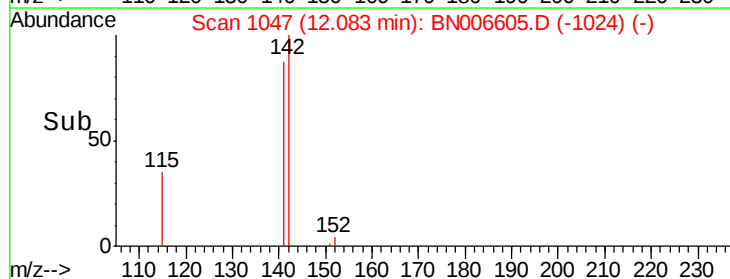
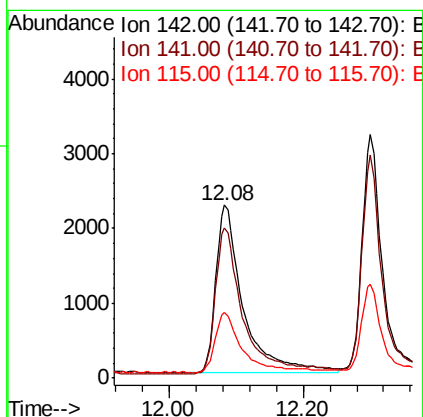
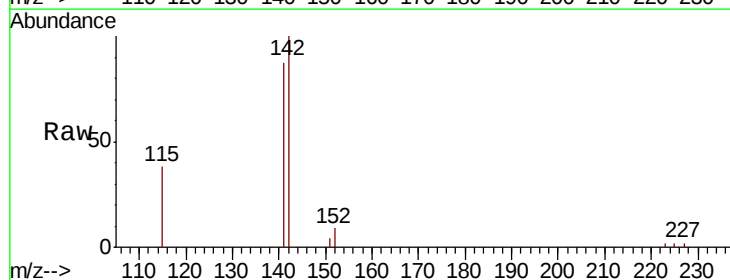
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 5517
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.189 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN006605.D
 Acq: 28 Jun 2019 09:41

Tgt Ion:142 Resp: 6356
 Ion Ratio Lower Upper
 142 100
 141 86.8 70.2 105.4
 115 37.8 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

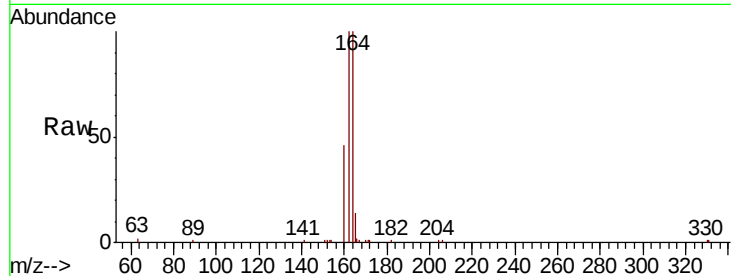
Tot Ion:164 Resp: 11529

Ion Ratio Lower Upper

164 100

162 100.2 80.0 120.0

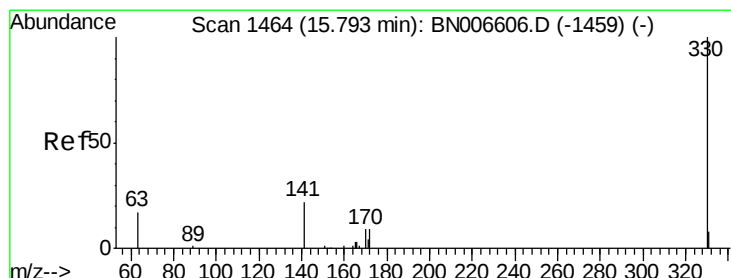
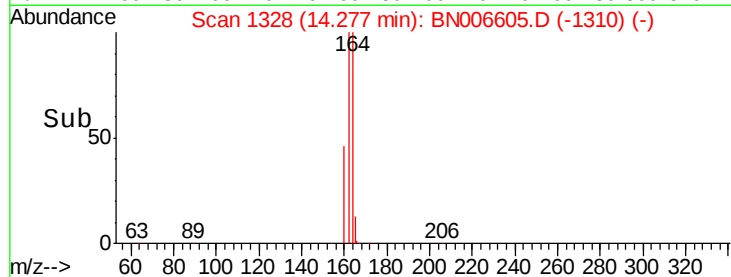
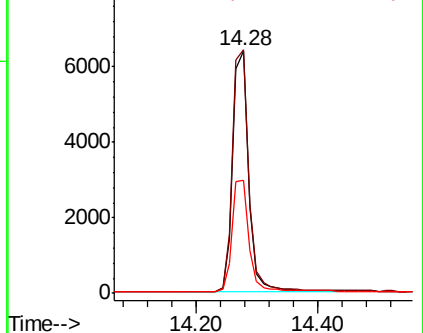
160 46.5 37.0 55.4



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: 0.137 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

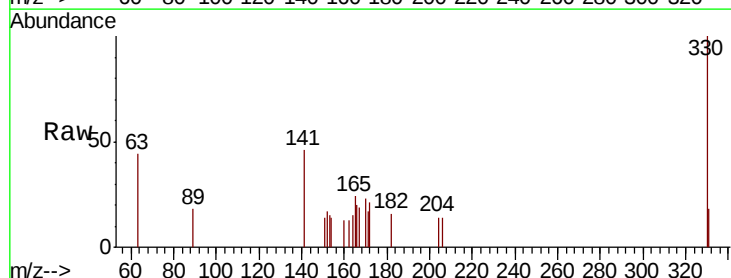
Tgt Ion:330 Resp: 888

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

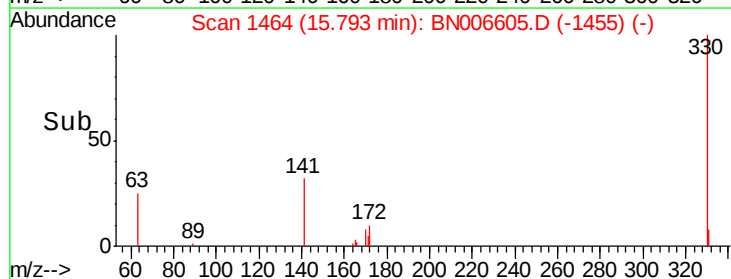
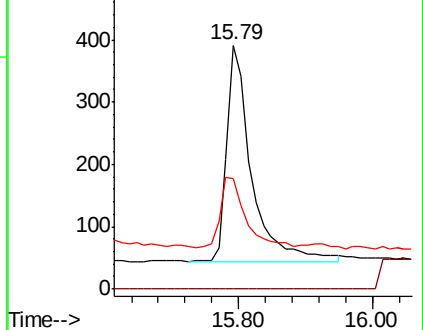
141 34.0 26.5 39.7



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

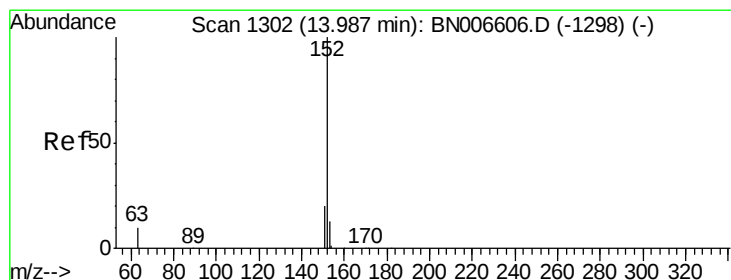
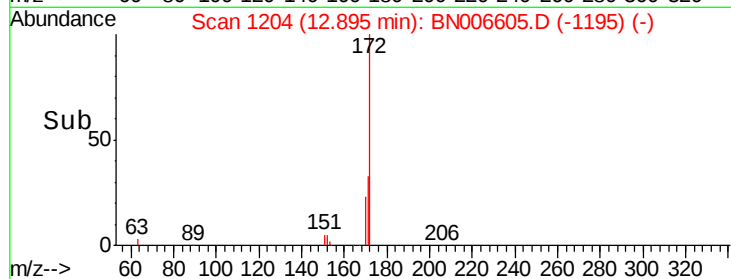
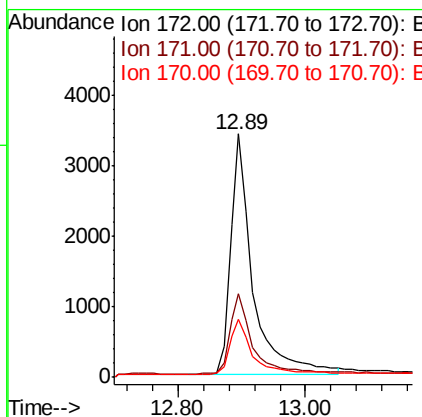
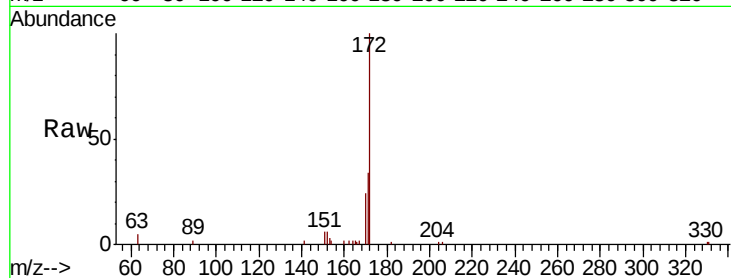




#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

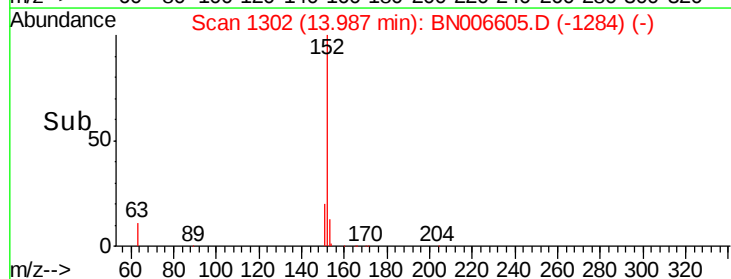
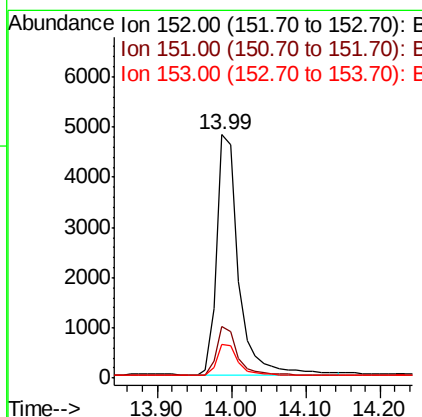
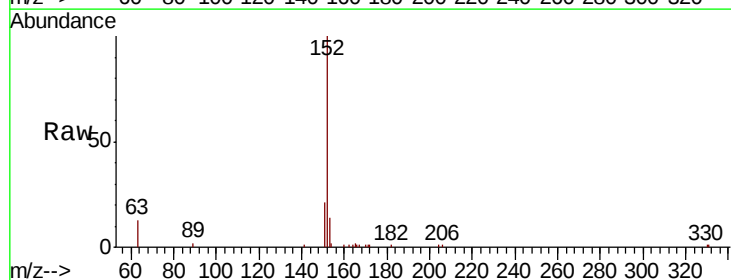
Instrument :
BNA_N
ClientSampleId :

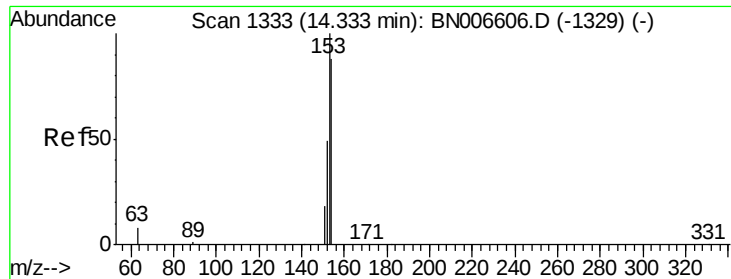
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	23.6	17.7	26.5



#16
Acenaphthylene
Concen: 0.180 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.3	10.5	15.7

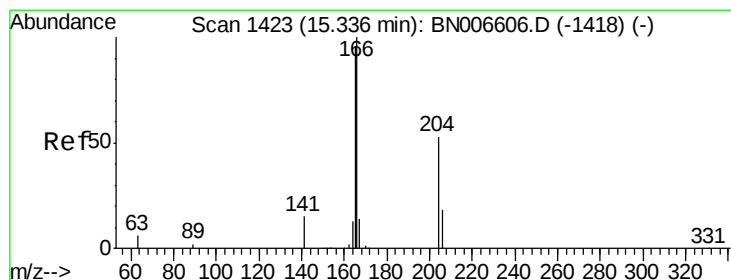
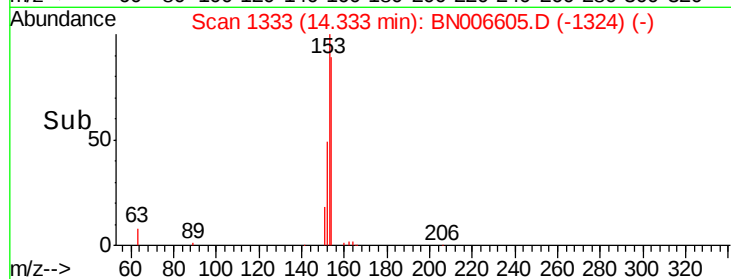
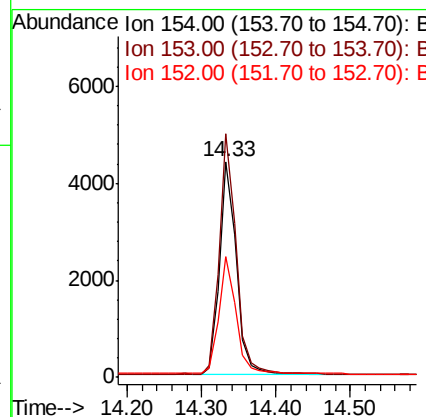
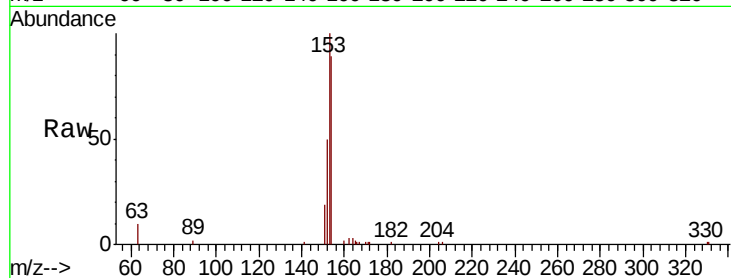




#17
Acenaphthene
Concen: 0.200 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

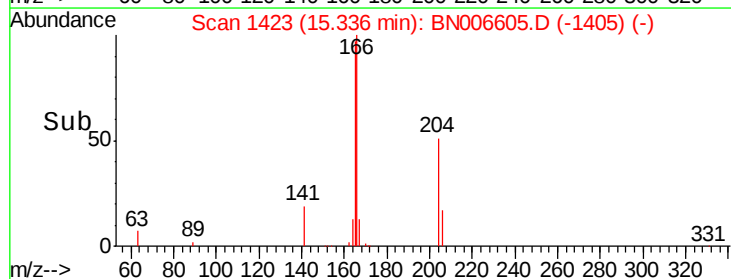
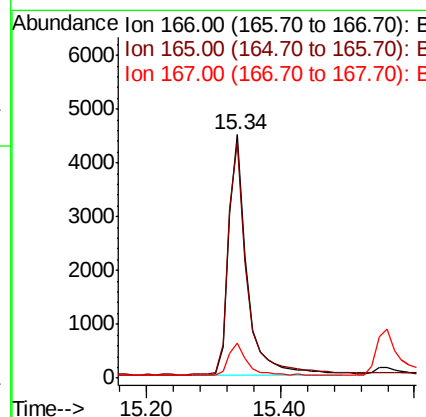
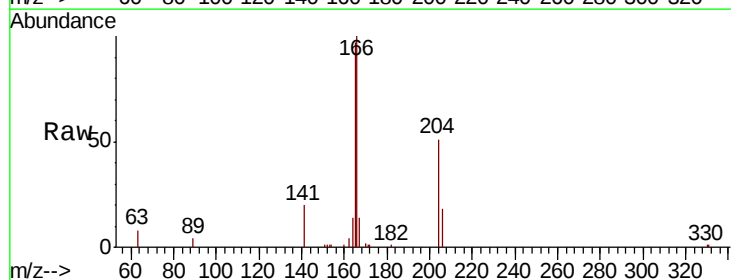
Instrument :
BNA_N
ClientSampleId :

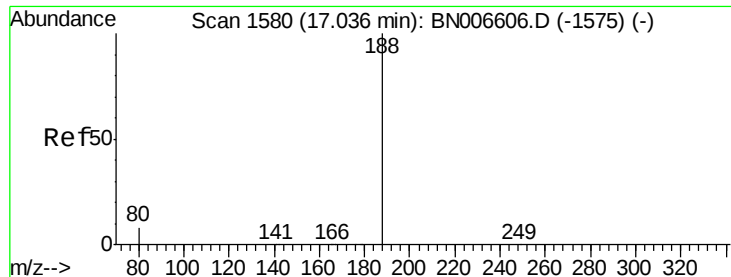
Tot Ion:154 Resp: 6908
Ion Ratio Lower Upper
154 100
153 114.0 90.2 135.4
152 55.5 44.2 66.4



#18
Fluorene
Concen: 0.183 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006605.D
Acq: 28 Jun 2019 09:41

Tgt Ion:166 Resp: 8505
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

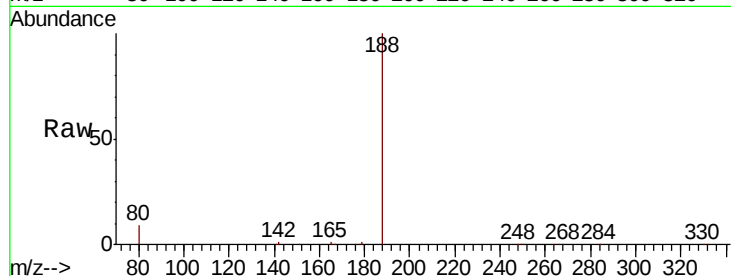
Tot Ion:188 Resp: 26879

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 7.1 10.7

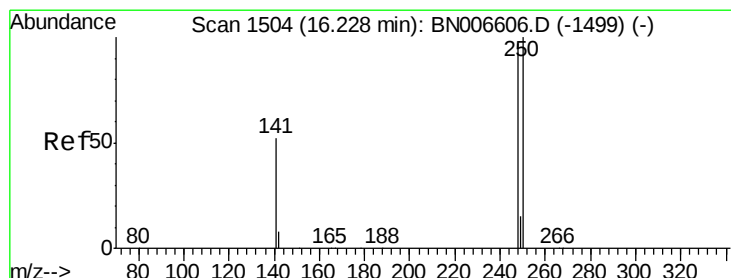
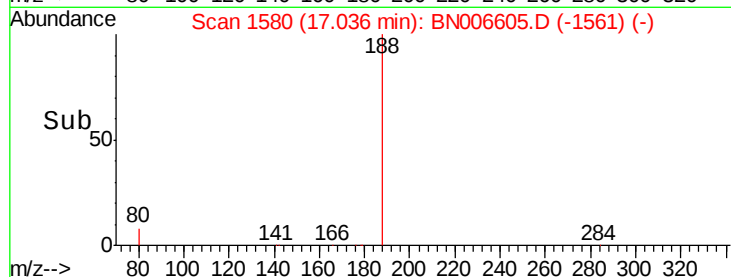
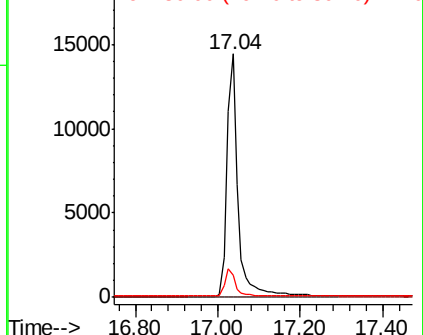


Abundance

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: 0.174 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

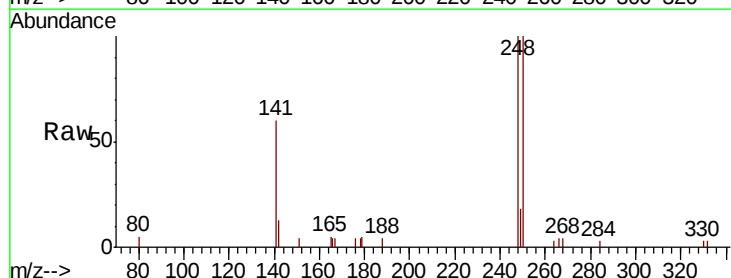
Tgt Ion:248 Resp: 2683

Ion Ratio Lower Upper

248 100

250 100.1 82.2 123.4

141 60.3 43.8 65.8

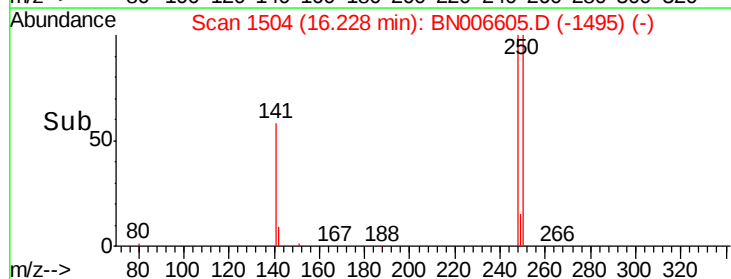
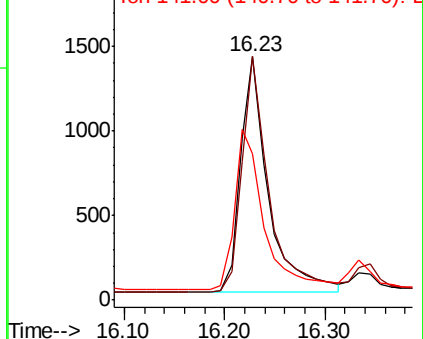


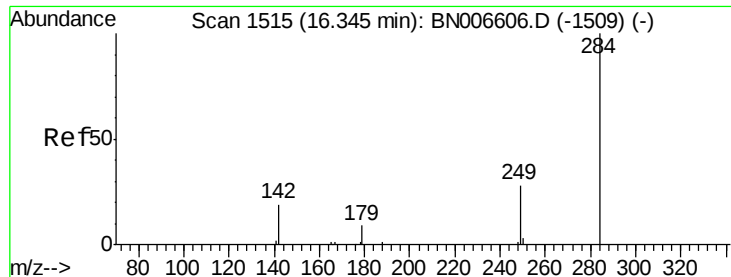
Abundance

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: 0.217 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

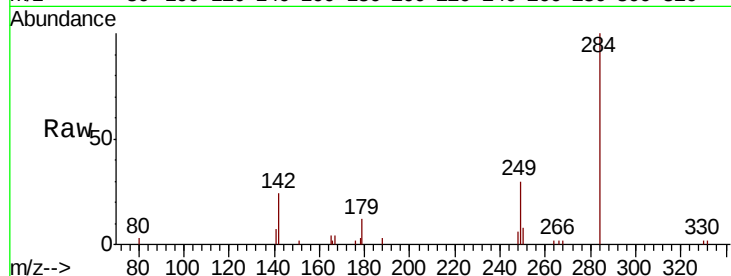
Tot Ion:284 Resp: 3687

Ion Ratio Lower Upper

284 100

142 34.5 27.5 41.3

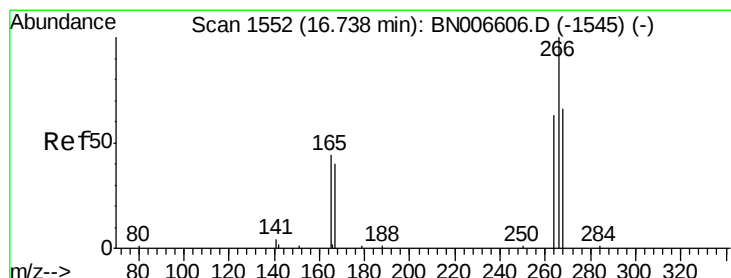
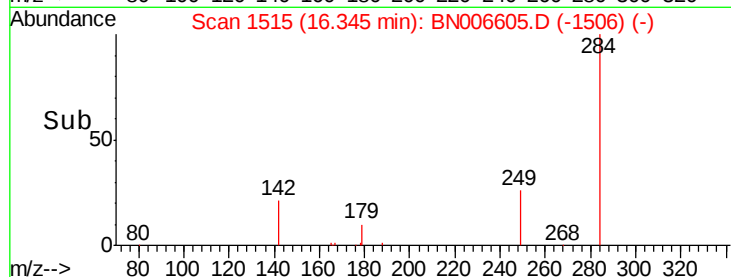
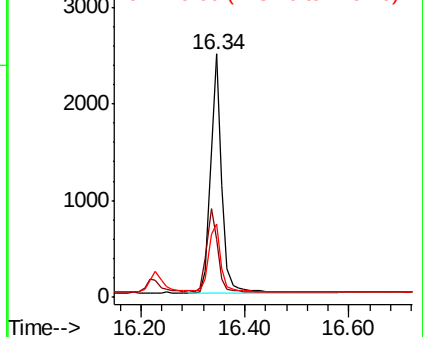
249 30.8 24.7 37.1



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: 0.104 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

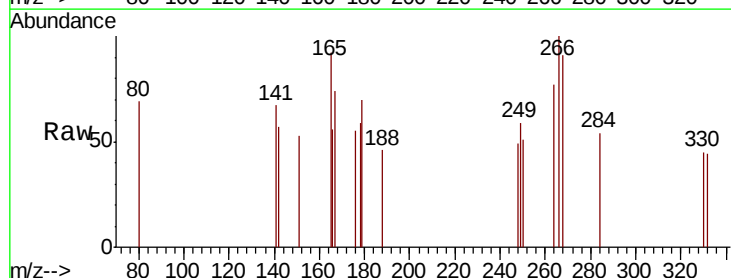
Tgt Ion:266 Resp: 389

Ion Ratio Lower Upper

266 100

264 77.2 56.2 84.4

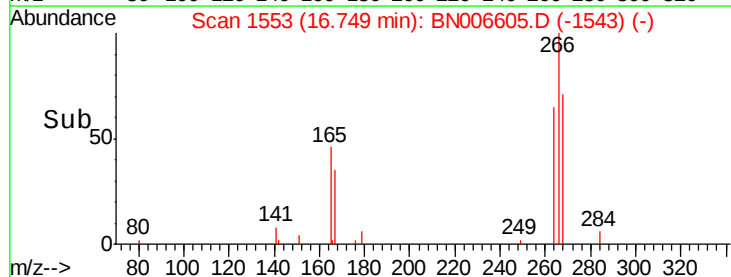
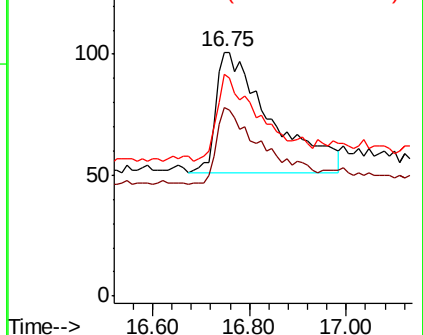
268 91.1 63.0 94.4

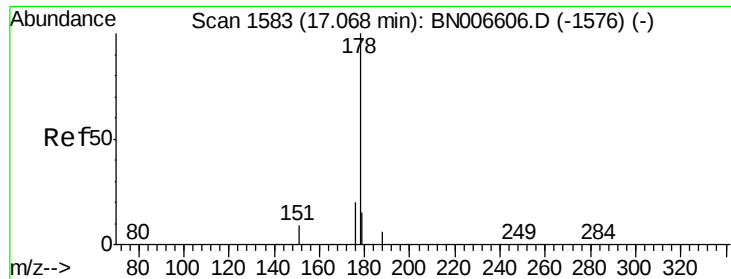


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.190 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampled :

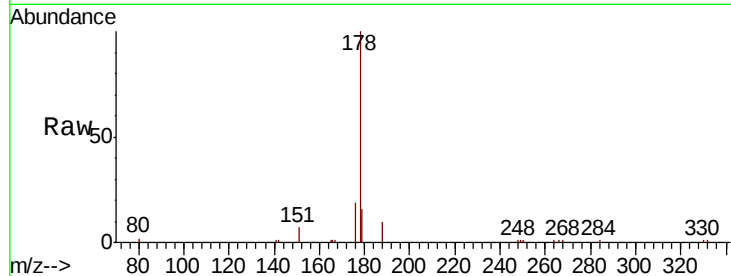
Tot Ion:178 Resp: 14274

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

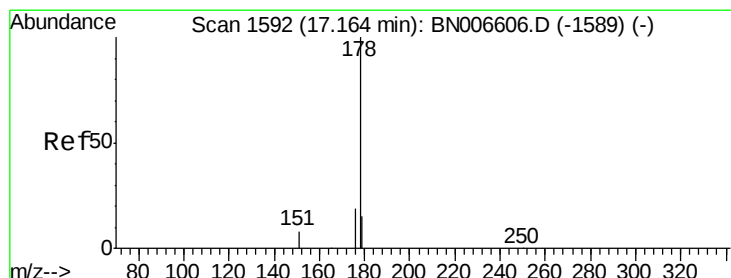
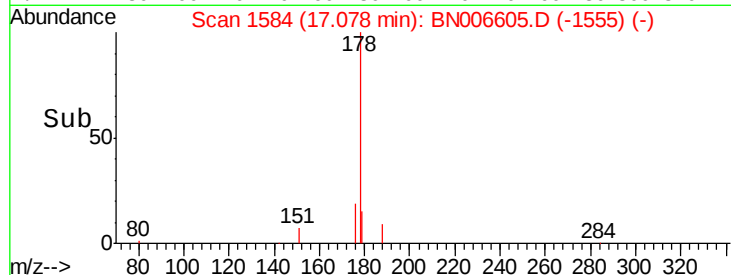
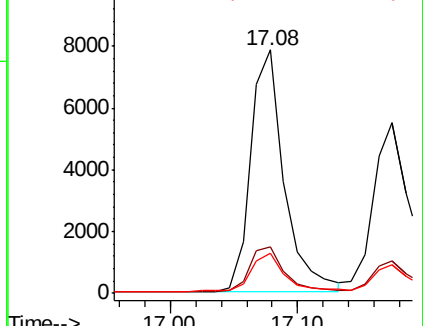
179 15.4 12.2 18.4



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



#24

Anthracene

Concen: 0.172 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

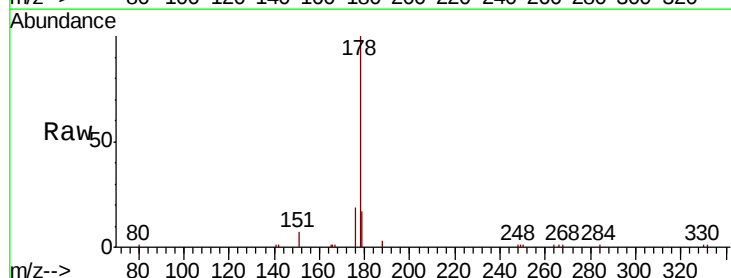
Tgt Ion:178 Resp: 11550

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

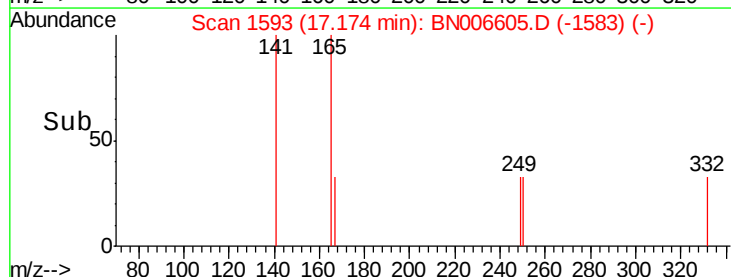
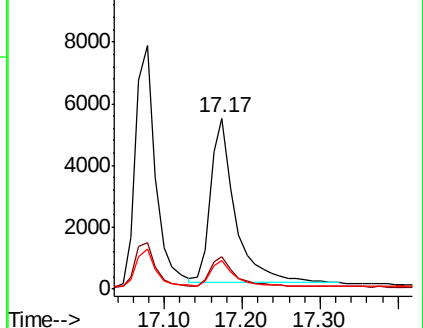
179 15.3 12.2 18.2

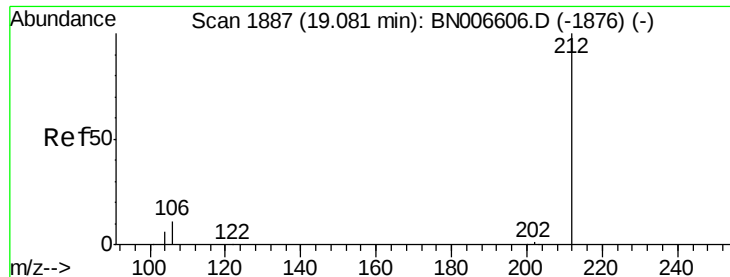


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.197 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

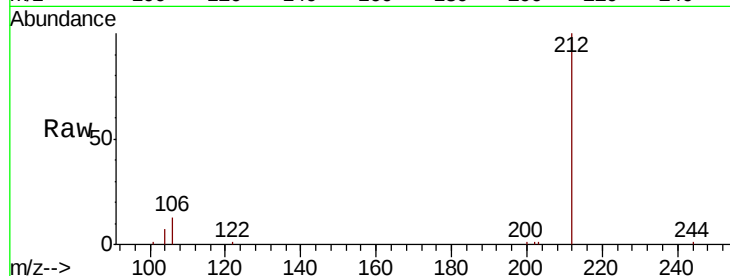
Tot Ion:212 Resp: 15087

Ion Ratio Lower Upper

212 100

106 13.2 10.6 15.8

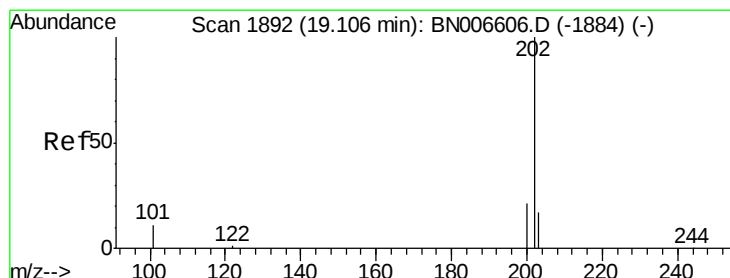
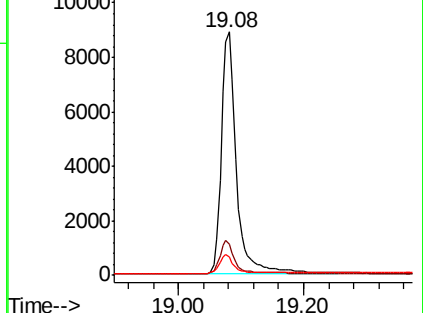
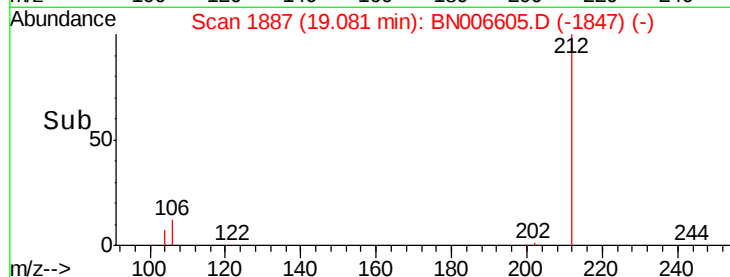
104 7.0 5.8 8.6



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: 0.192 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

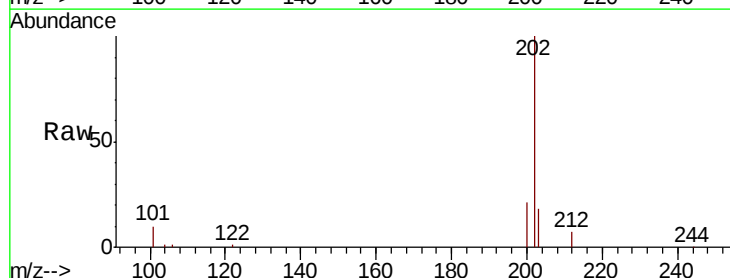
Tgt Ion:202 Resp: 17723

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

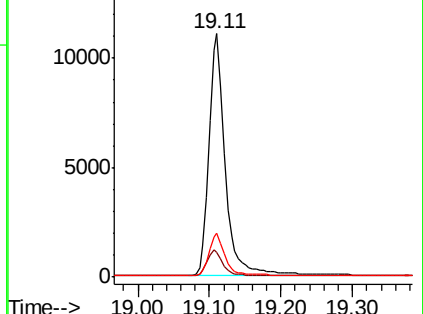
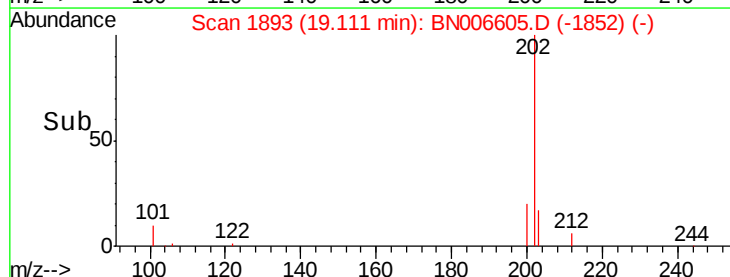
203 17.2 13.6 20.4

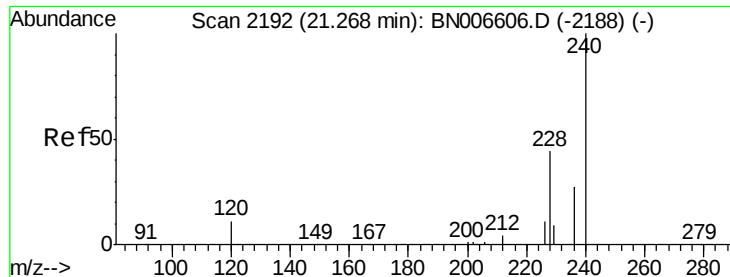


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2192

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

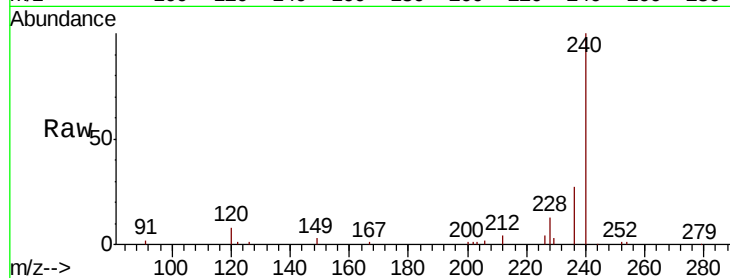
Tot Ion:240 Resp: 27151

Ion Ratio Lower Upper

240 100

120 7.9 9.9 14.9#

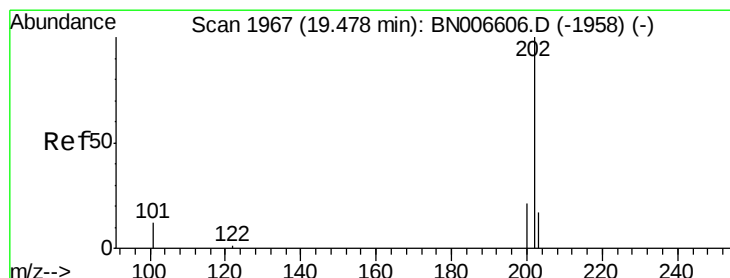
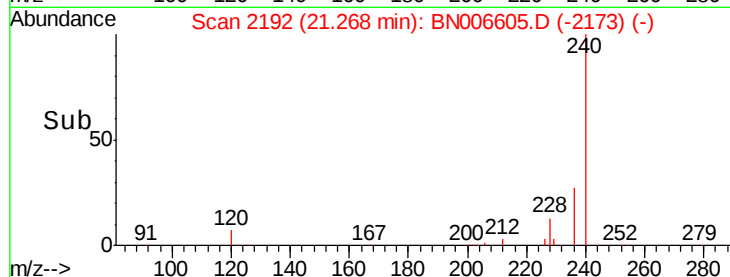
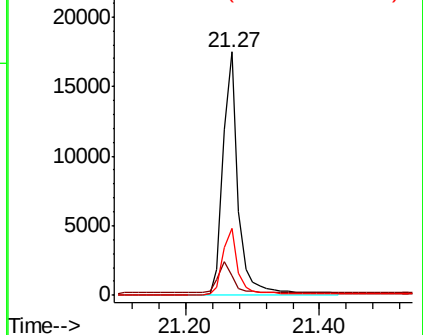
236 27.3 22.2 33.4



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: 0.239 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

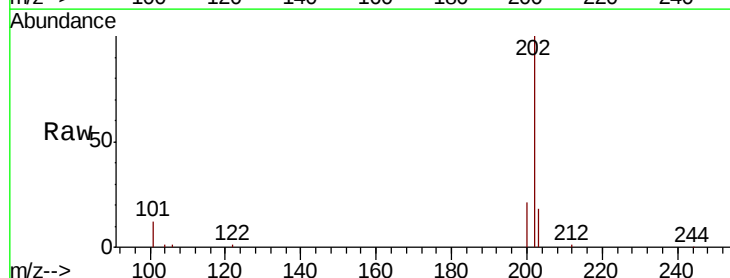
Tgt Ion:202 Resp: 18408

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

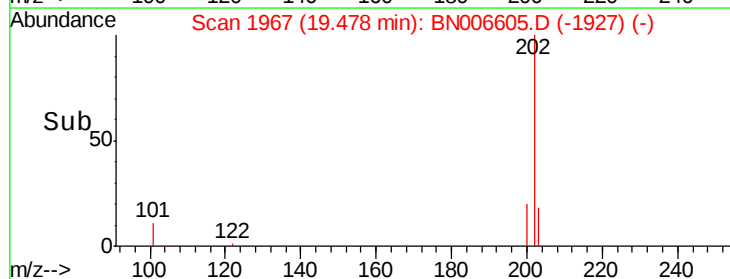
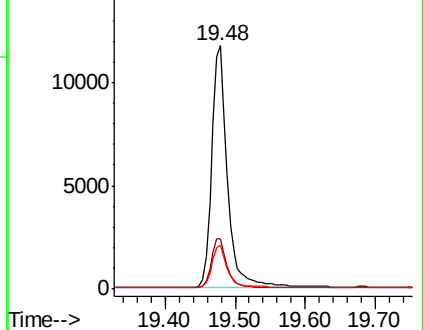
203 17.6 14.1 21.1

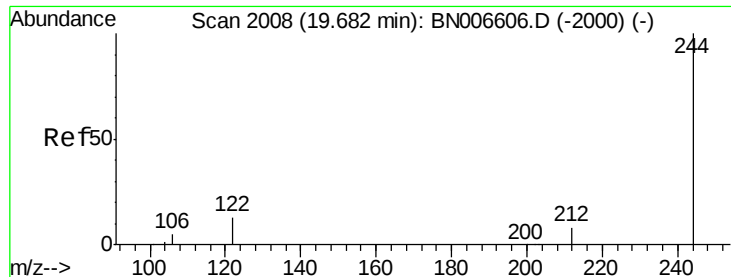


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.197 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

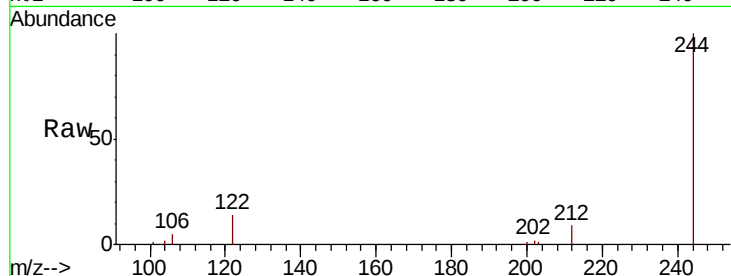
Tot Ion:244 Resp: 10965

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

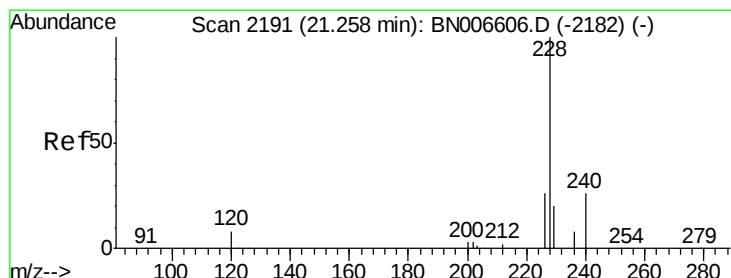
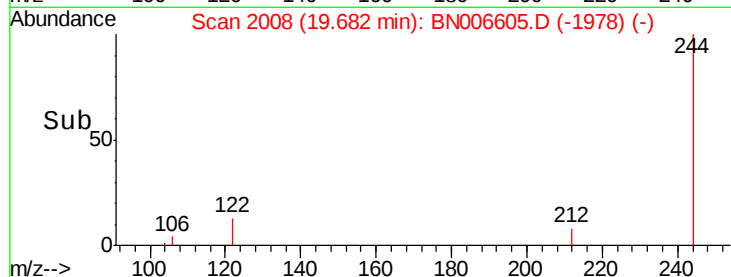
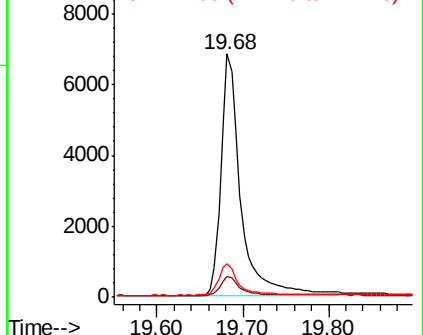
122 13.8 11.0 16.6



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: 0.215 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

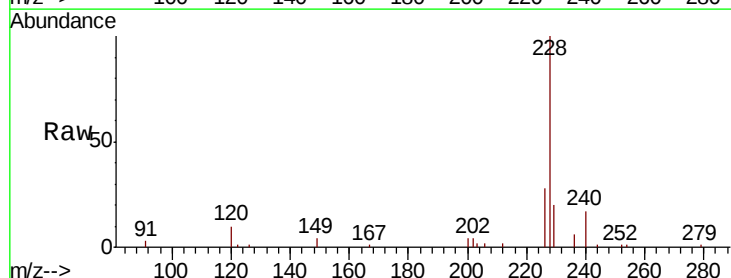
Tgt Ion:228 Resp: 16491

Ion Ratio Lower Upper

228 100

226 27.9 21.2 31.8

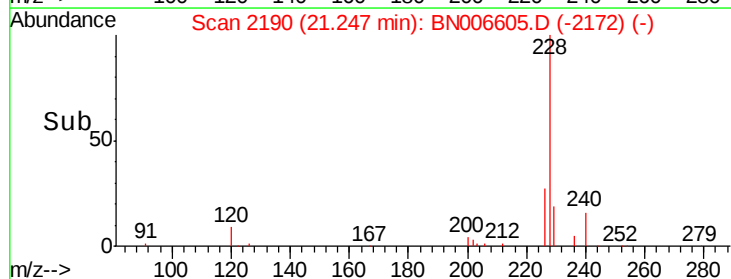
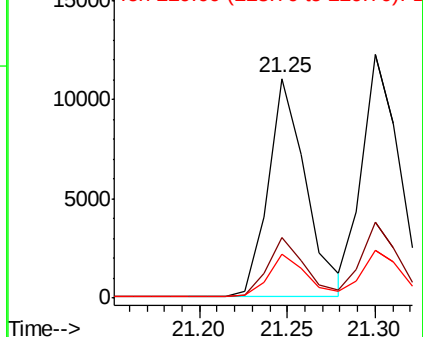
229 19.7 16.1 24.1



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: 0.226 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

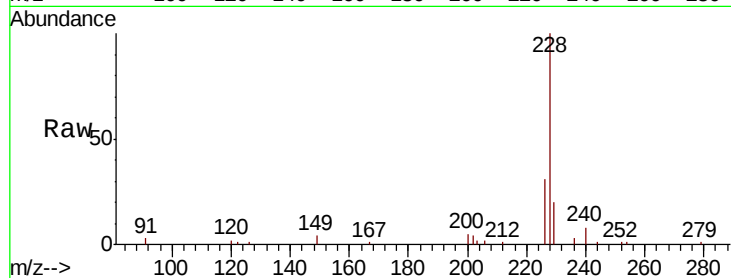
Tot Ion:228 Resp: 18652

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.6

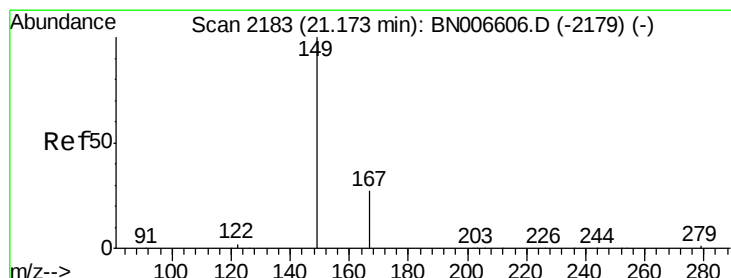
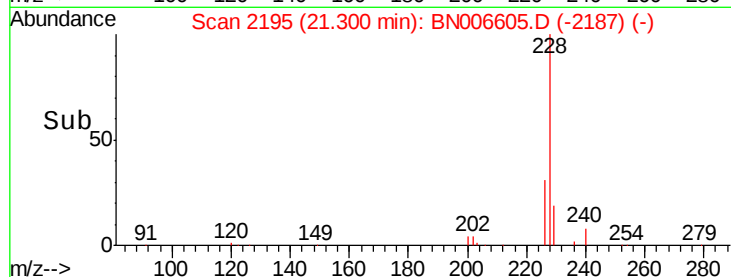
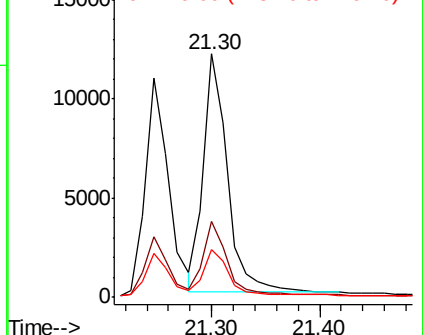
229 19.5 15.9 23.9



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: 0.243 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

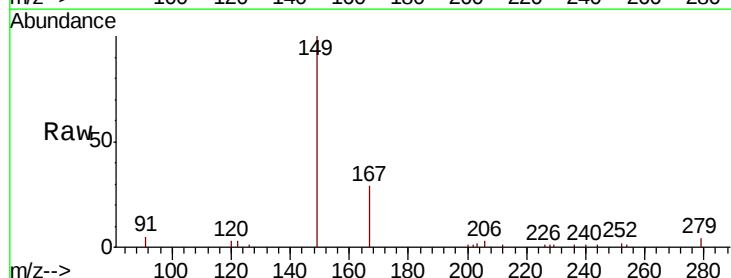
Tgt Ion:149 Resp: 7792

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

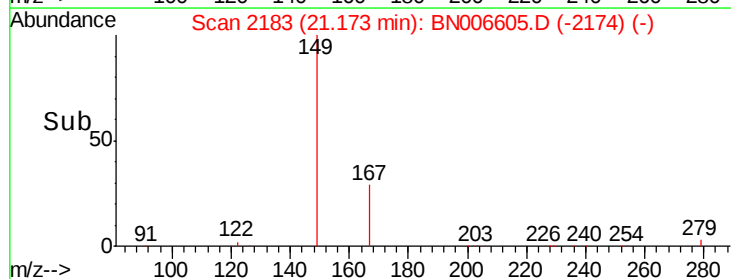
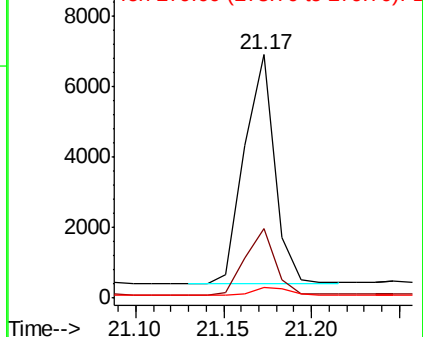
279 4.1 3.3 4.9

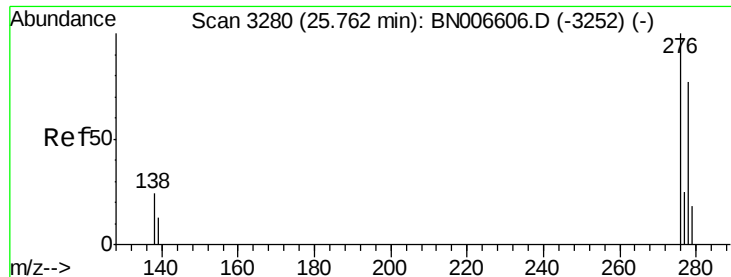


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.198 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

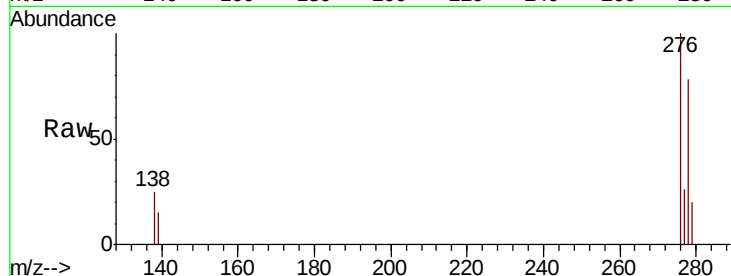
Tot Ion:276 Resp: 18342

Ion Ratio Lower Upper

276 100

138 23.7 19.3 28.9

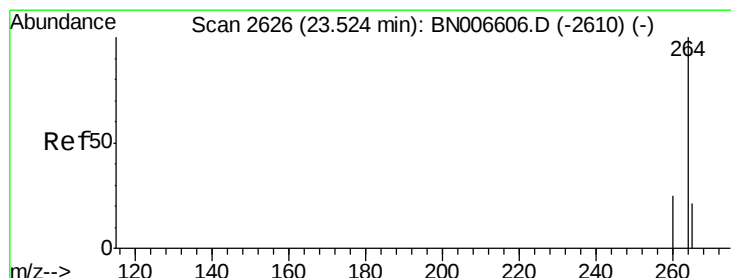
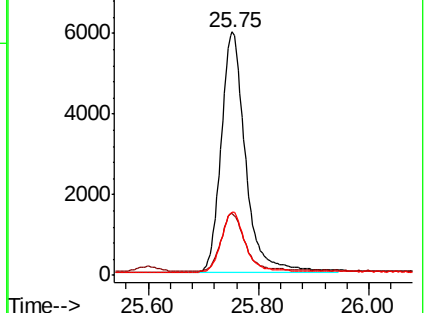
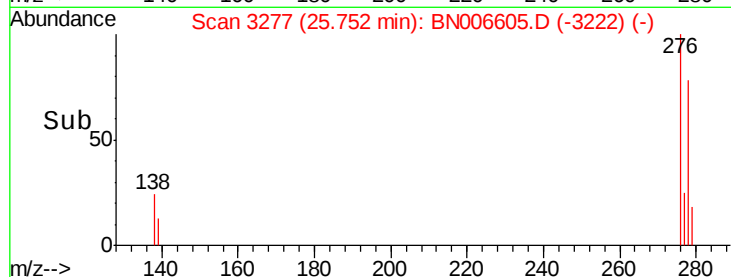
277 24.3 19.9 29.9



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: 23.51 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

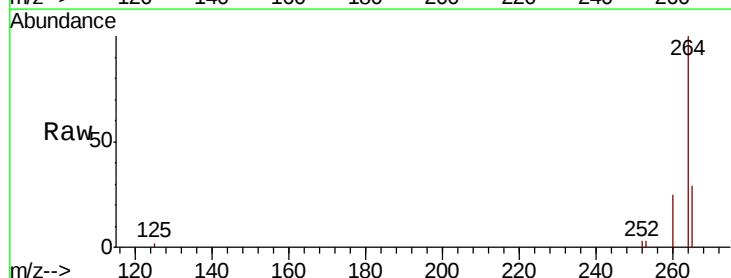
Tgt Ion:264 Resp: 27895

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

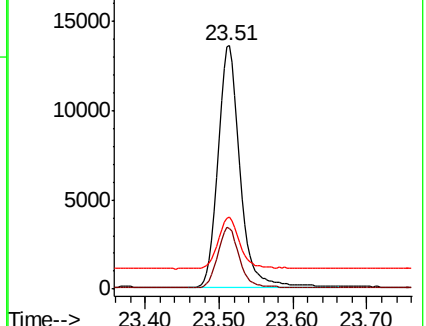
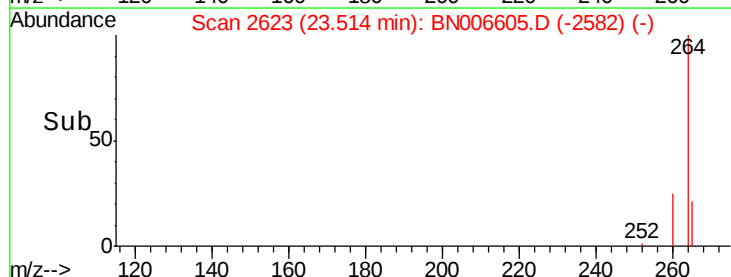
265 29.4 23.3 34.9



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: 0.199 ng

RT: 22.84 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

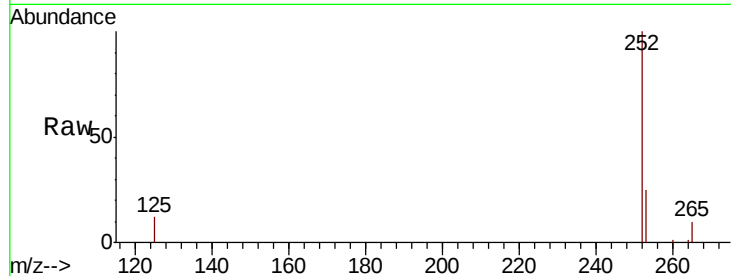
Tot Ion:252 Resp: 17823

Ion Ratio Lower Upper

252 100

253 24.9 18.4 27.6

125 12.3 8.7 13.1

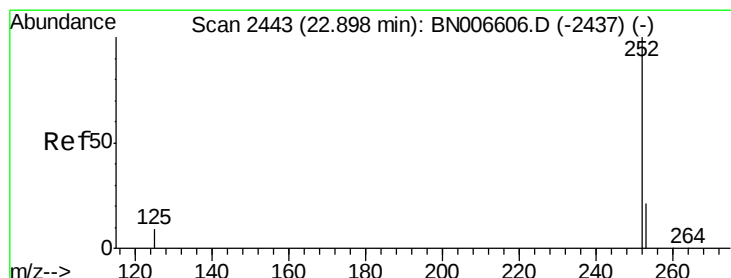
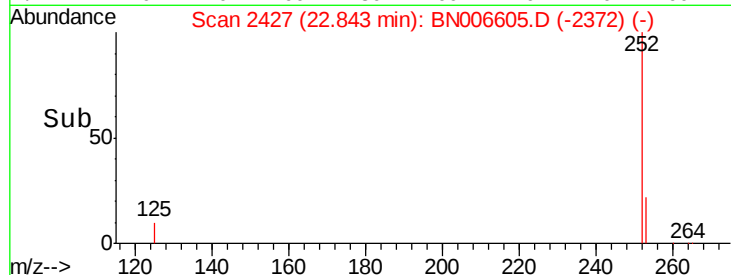
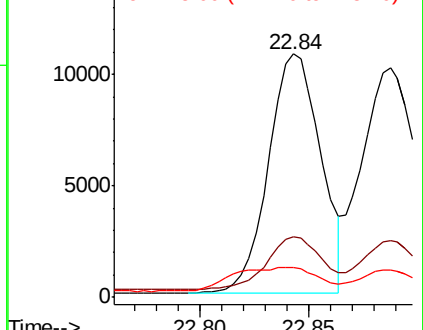


Abundance

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: 0.227 ng

RT: 22.89 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

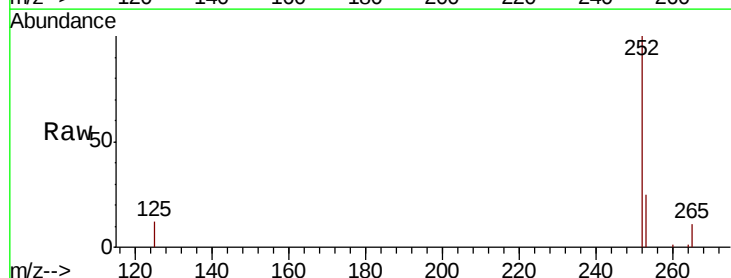
Tgt Ion:252 Resp: 19599

Ion Ratio Lower Upper

252 100

253 24.8 18.3 27.5

125 11.7 8.4 12.6

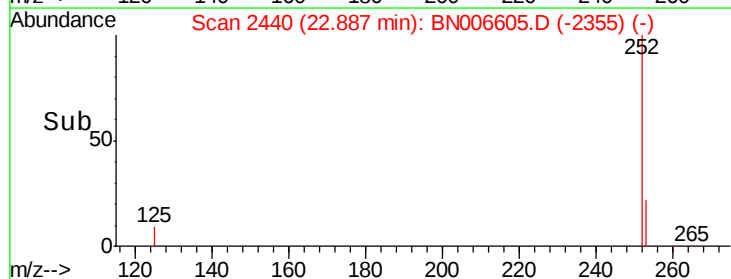
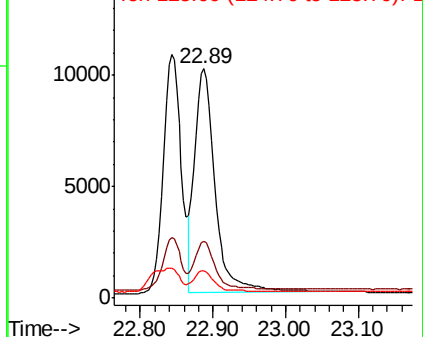


Abundance

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: 0.216 ng

RT: 23.41 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

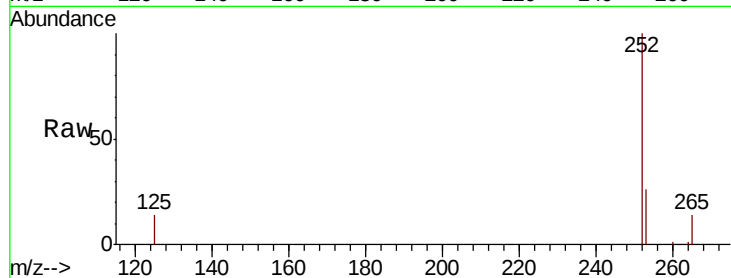
Tot Ion:252 Resp: 17193

Ion Ratio Lower Upper

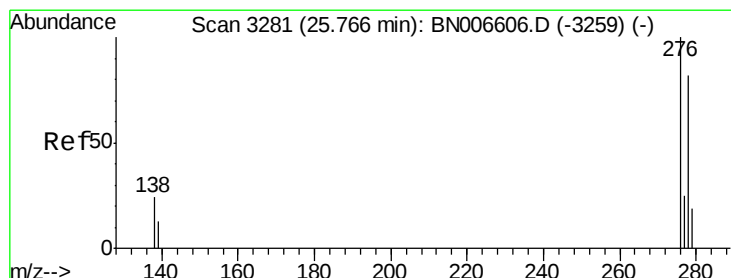
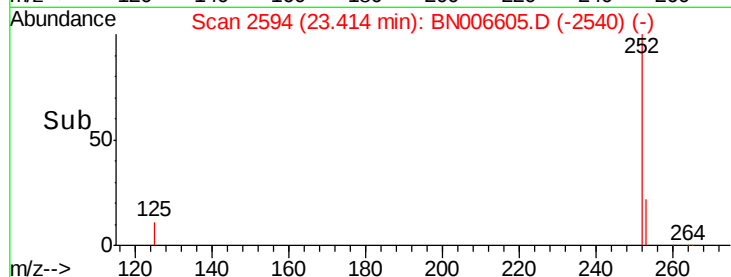
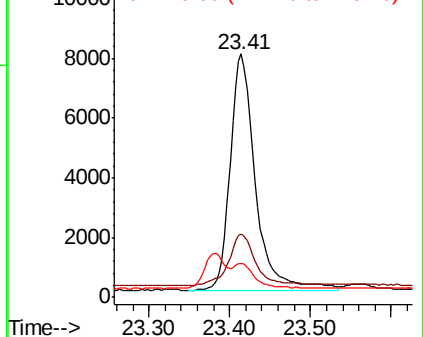
252 100

253 26.1 18.8 28.2

125 14.0 9.4 14.2



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: 0.185 ng

RT: 25.76 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

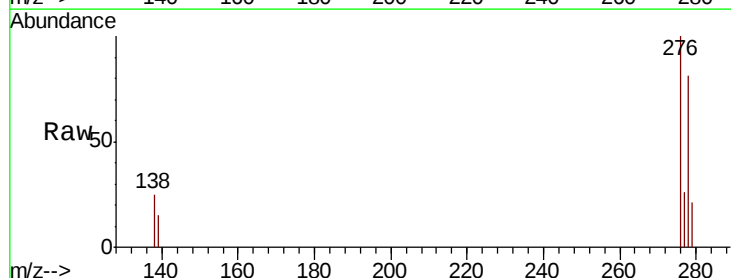
Tgt Ion:278 Resp: 14685

Ion Ratio Lower Upper

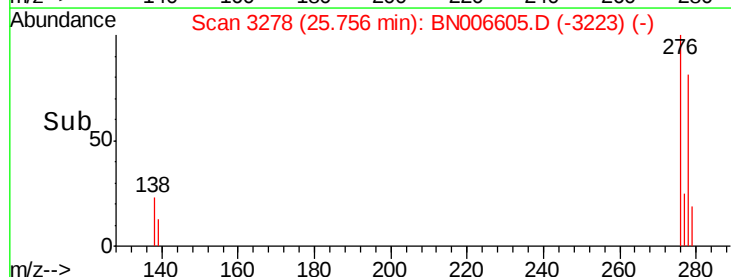
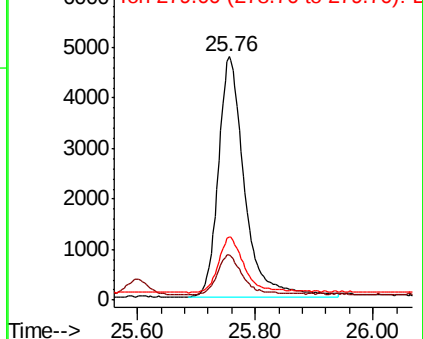
278 100

139 18.7 13.5 20.3

279 26.0 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: 0.186 ng

RT: 26.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BN006605.D

Acq: 28 Jun 2019 09:41

Instrument :

BNA_N

ClientSampleId :

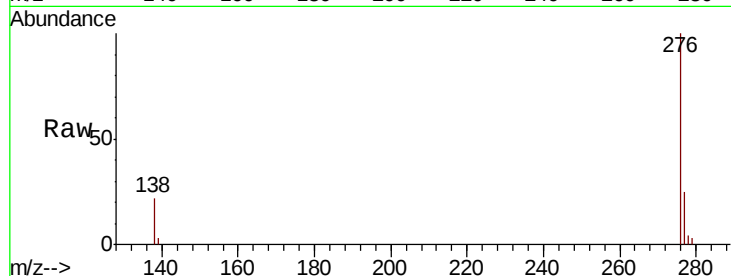
Tot Ion:276 Resp: 14913

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 22.4 17.7 26.5



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

