

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
 Data File : BN007882.D
 Acq On : 27 Sep 2019 11:22
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 15:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7101	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	27690	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16958	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	35204	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	38313	0.40	ng	-0.01
34) Perylene-d12	23.47	264	42177	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	8958	0.37	ng	0.00
5) Phenol-d6	6.87	99	11399	0.37	ng	0.00
8) Nitrobenzene-d5	8.83	82	10207	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	19585	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	3211	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	28229	0.40	ng	-0.01
25) Fluoranthene-d10	19.09	212	47567	0.40	ng	-0.01
29) Terphenyl-d14	19.70	244	41329	0.44	ng	-0.01

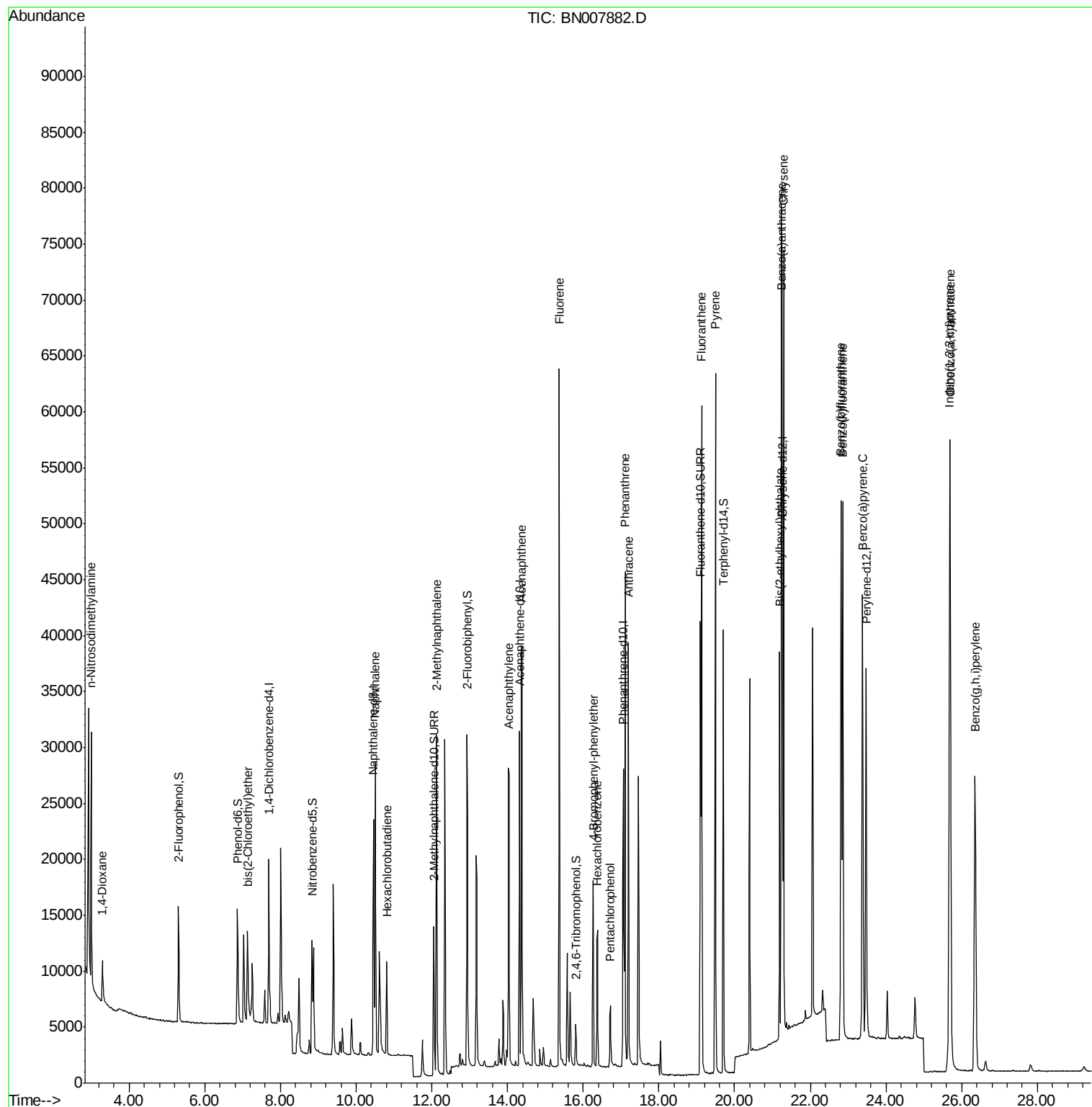
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	3264	0.412	ng	# 83
3) n-Nitrosodimethylamine	3.00	42	2278	0.628	ng	# 90
6) bis(2-Chloroethyl)ether	7.13	93	8474	0.421	ng	96
9) Naphthalene	10.51	128	33090	0.426	ng	100
10) Hexachlorobutadiene	10.81	225	7248	0.443	ng	# 100
12) 2-Methylnaphthalene	12.13	142	22437	0.427	ng	100
16) Acenaphthylene	14.03	152	34875	0.388	ng	99
17) Acenaphthene	14.38	154	22393	0.386	ng	98
18) Fluorene	15.36	166	28764	0.387	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	9554	0.447	ng	97
21) Hexachlorobenzene	16.38	284	10523	0.450	ng	99
22) Pentachlorophenol	16.72	266	3456	0.401	ng	98
23) Phenanthrene	17.10	178	47219	0.431	ng	100
24) Anthracene	17.19	178	42260	0.427	ng	100
26) Fluoranthene	19.12	202	55542	0.407	ng	100
28) Pyrene	19.49	202	56523	0.433	ng	100
30) Benzo(a)anthracene	21.24	228	58190	0.412	ng	99
31) Chrysene	21.29	228	57404	0.417	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	30134	0.415	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	68659	0.399	ng	98
35) Benzo(b)fluoranthene	22.81	252	59917	0.409	ng	99
36) Benzo(k)fluoranthene	22.86	252	60428	0.417	ng	100
37) Benzo(a)pyrene	23.38	252	56431	0.410	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	56262	0.400	ng	100
39) Benzo(g,h,i)perylene	26.35	276	55368	0.397	ng	100

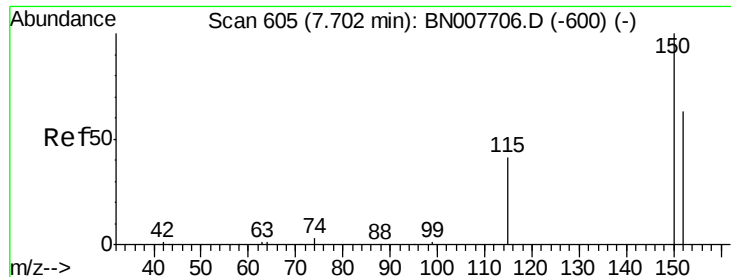
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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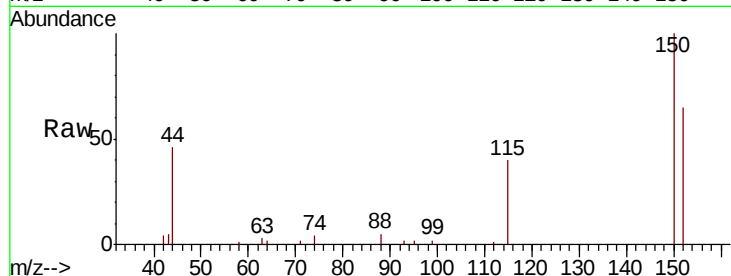


#1

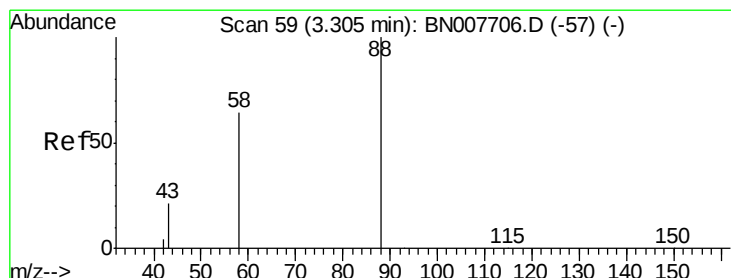
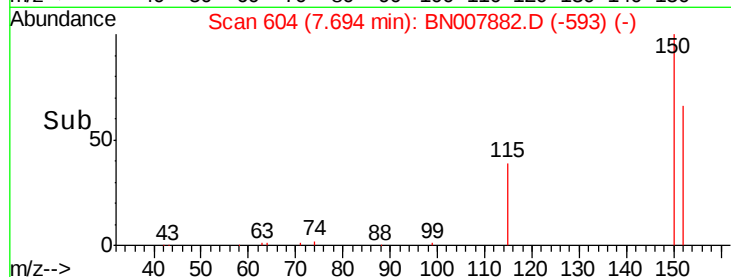
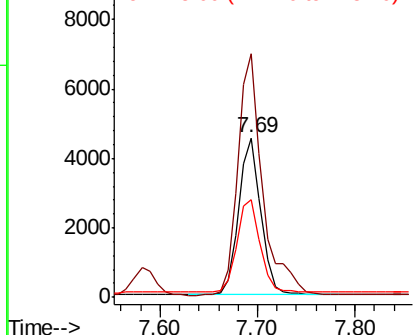
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7101
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 61.4 53.3 79.9



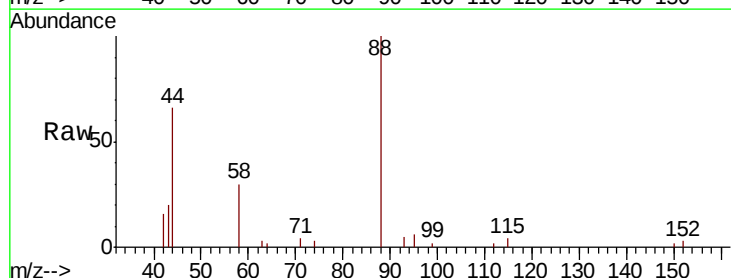
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



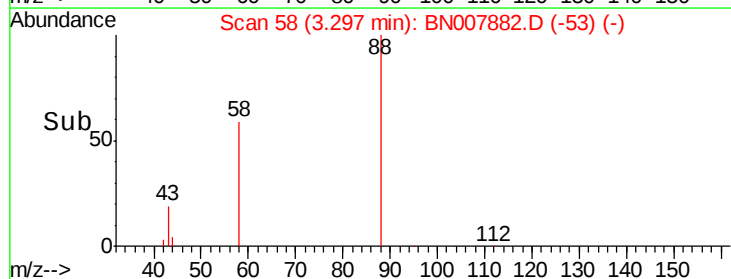
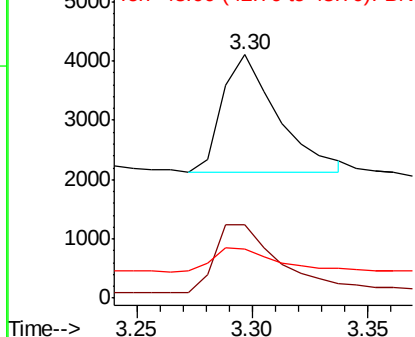
#2

1,4-Dioxane
Concen: 0.412 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

Tgt Ion: 88 Resp: 3264
Ion Ratio Lower Upper
88 100
58 68.3 44.6 66.8#
43 24.7 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



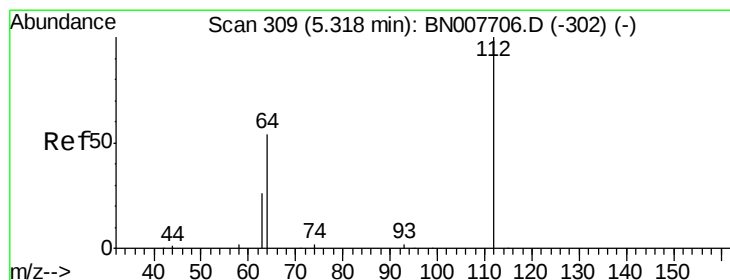
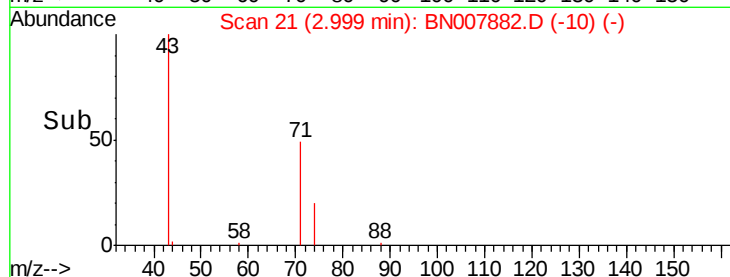
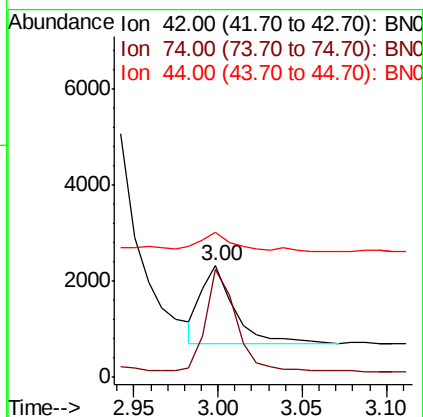
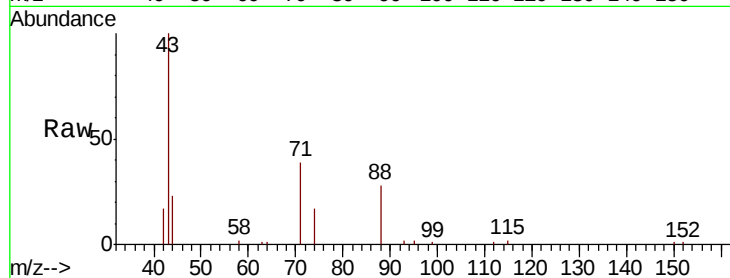


#3

n-Nitrosodimethylamine
 Concen: 0.628 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Instrument :
 BNA_N
 ClientSampled :

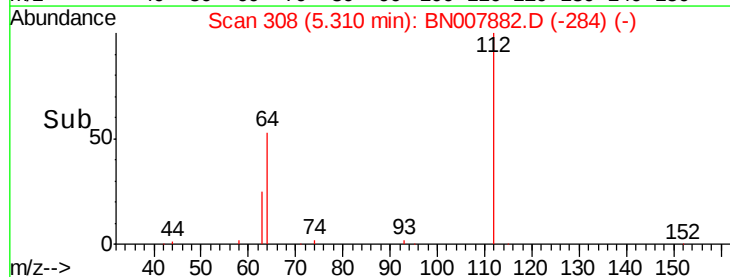
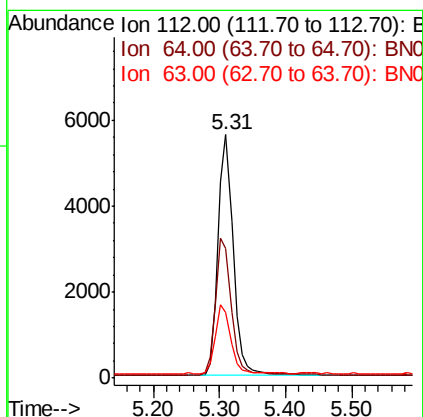
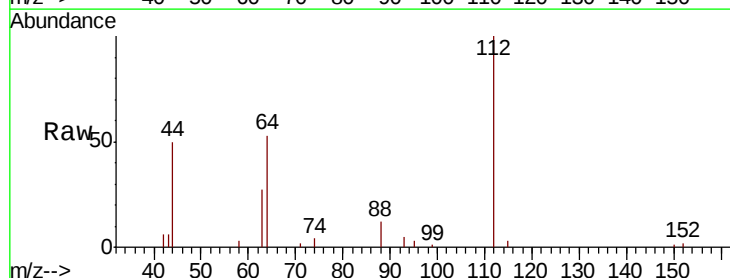
Tot Ion: 42 Resp: 2278
 Ion Ratio Lower Upper
 42 100
 74 114.0 87.9 131.9
 44 19.4 29.4 44.0#



#4

2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Tgt Ion: 112 Resp: 8958
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.6 70.0
 63 29.1 23.1 34.7





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

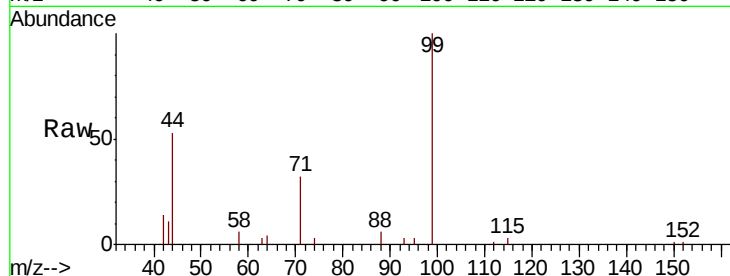
Tot Ion: 99 Resp: 11399

Ion Ratio Lower Upper

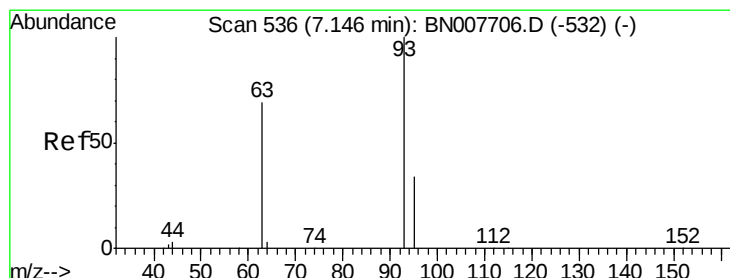
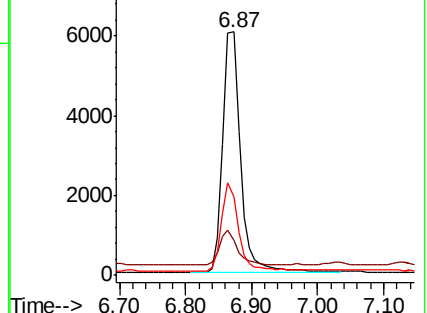
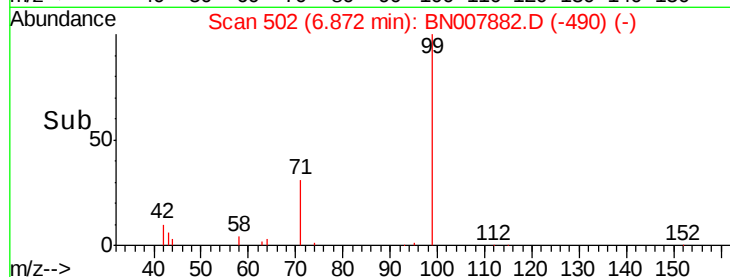
99 100

42 13.6 12.8 19.2

71 35.4 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007882.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

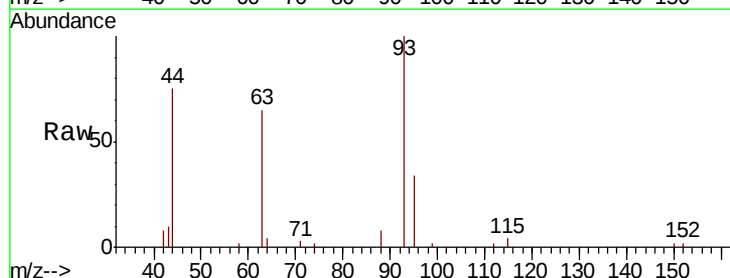
Tgt Ion: 93 Resp: 8474

Ion Ratio Lower Upper

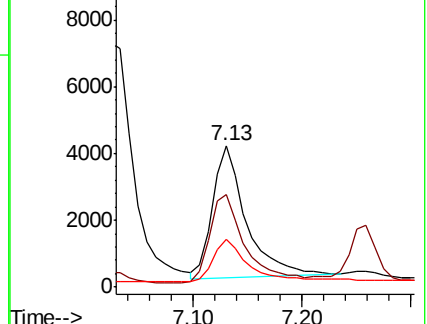
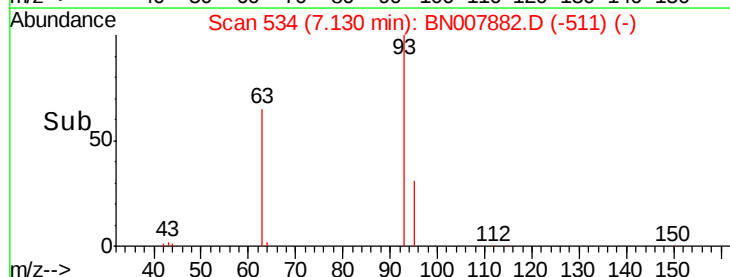
93 100

63 73.1 59.3 88.9

95 33.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007882.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 27690

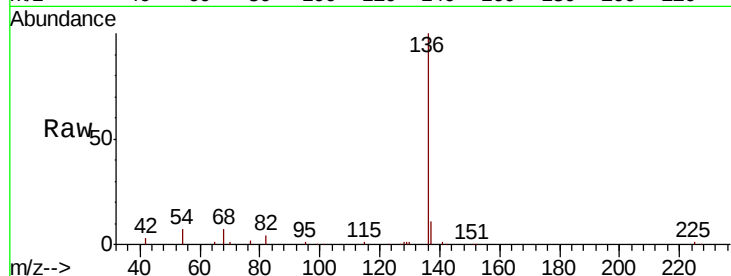
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.4 6.5 9.7

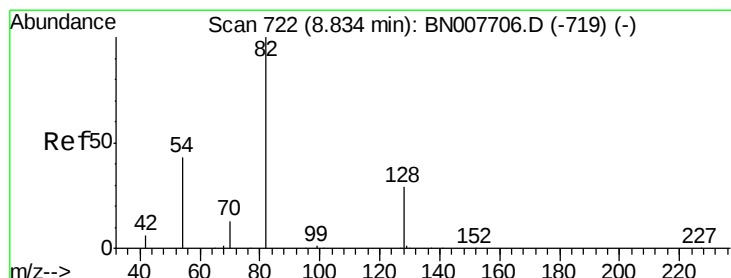
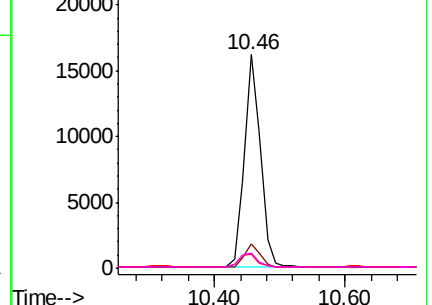
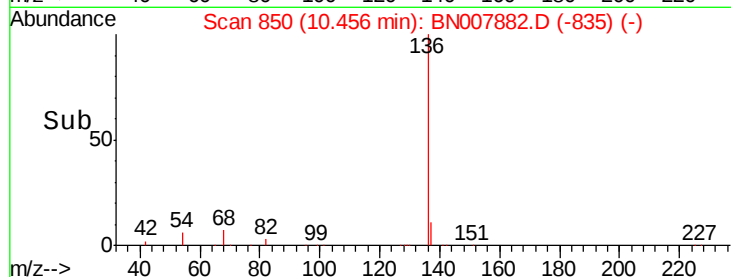


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

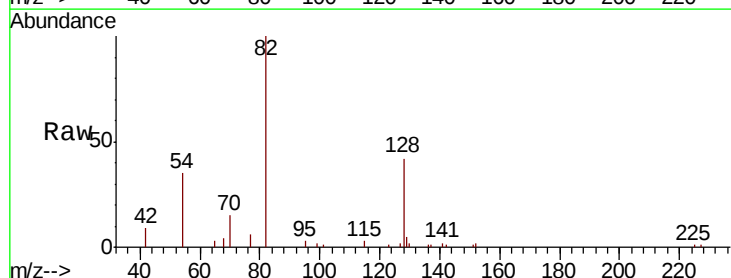
Tgt Ion: 82 Resp: 10207

Ion Ratio Lower Upper

82 100

128 42.5 24.5 36.7#

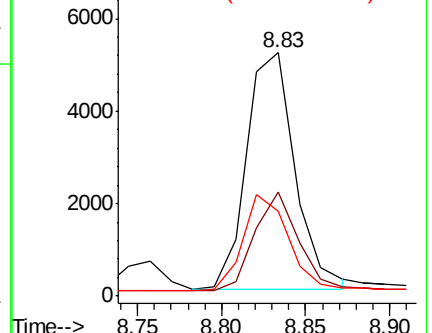
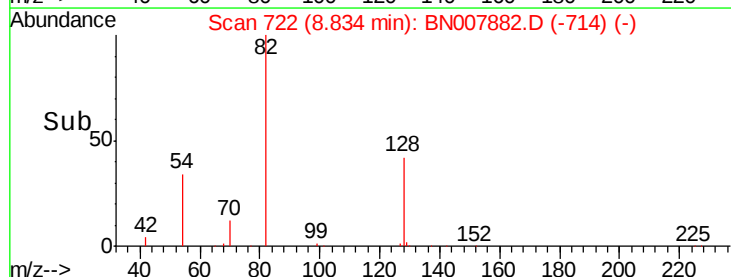
54 35.0 35.2 52.8#

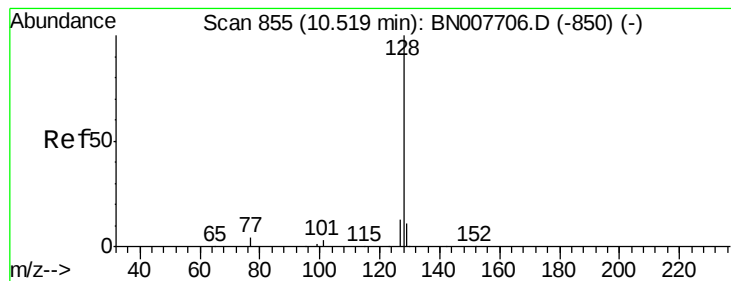


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

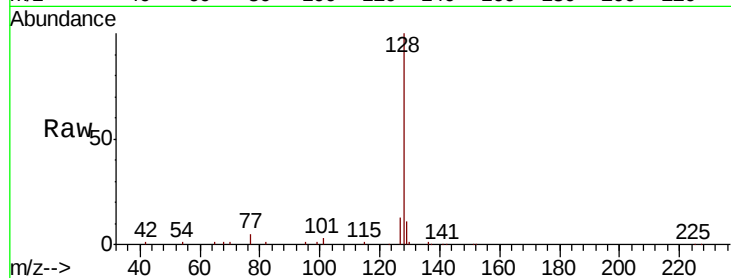
Tot Ion:128 Resp: 33090

Ion Ratio Lower Upper

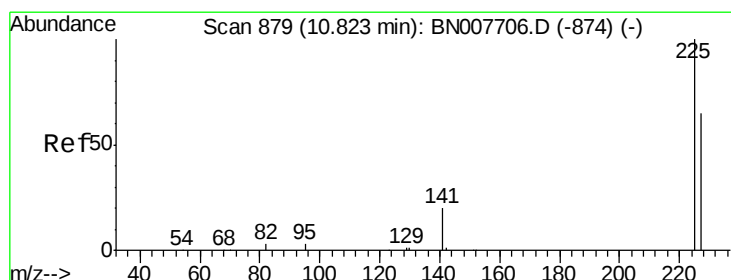
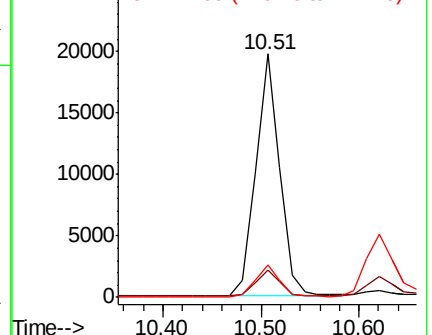
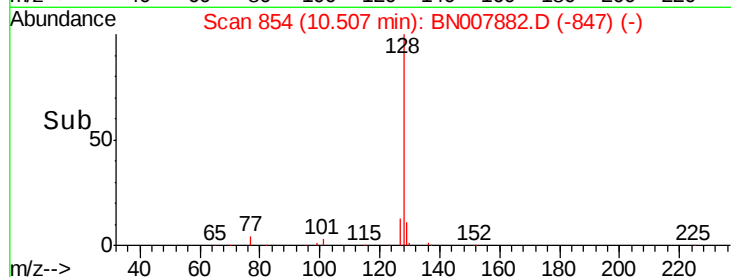
128 100

129 11.3 9.1 13.7

127 13.1 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: 0.443 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

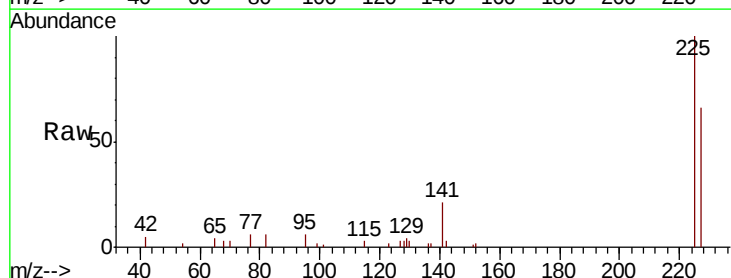
Tgt Ion:225 Resp: 7248

Ion Ratio Lower Upper

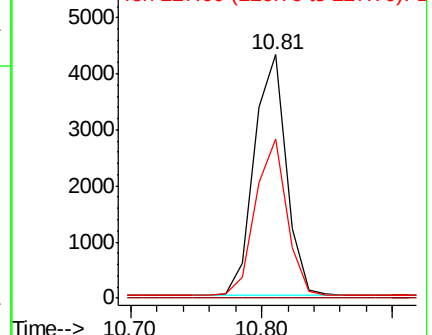
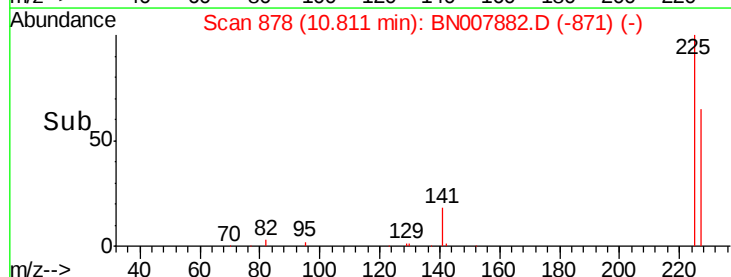
225 100

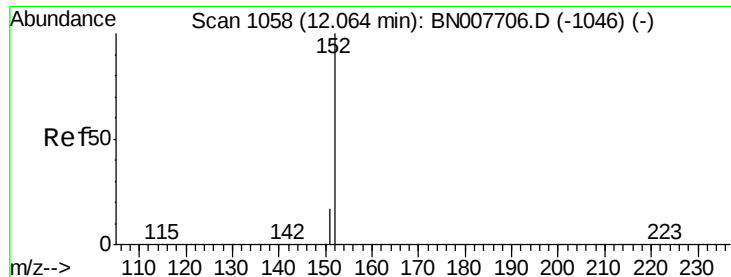
223 0.0 0.0 0.0

227 63.8 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

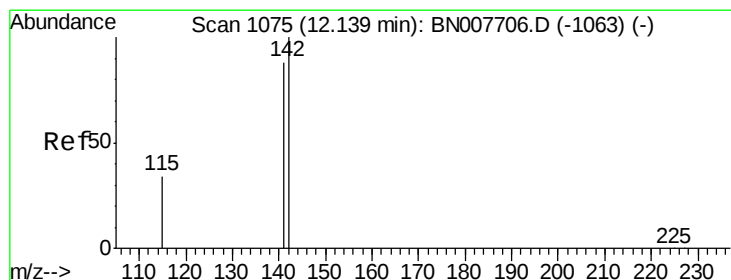
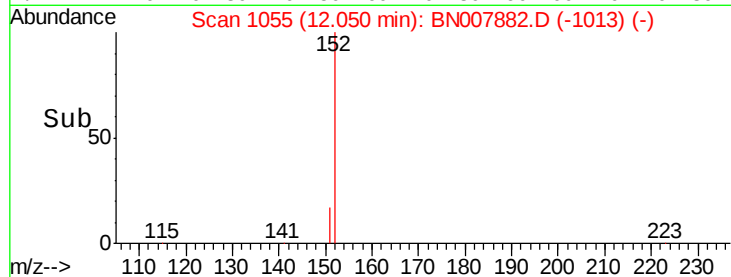
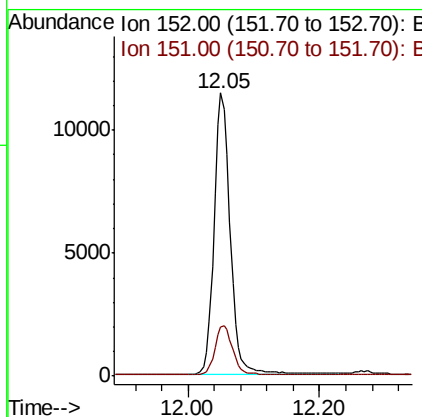
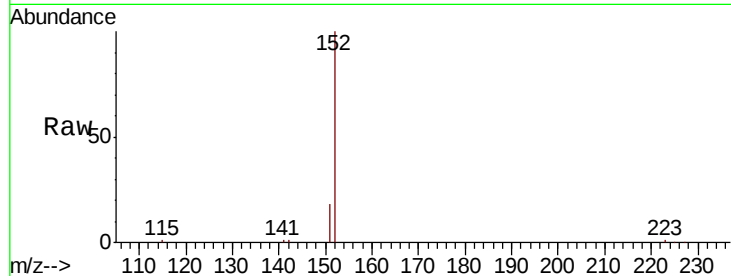




#11
 2-Methylnaphthalene-d10
 Concen: 0.420 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

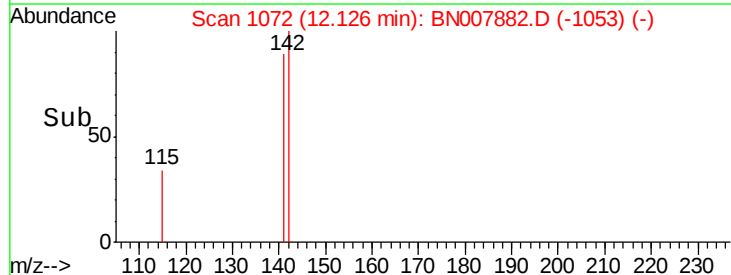
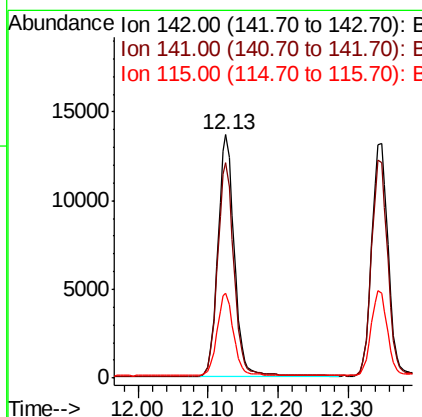
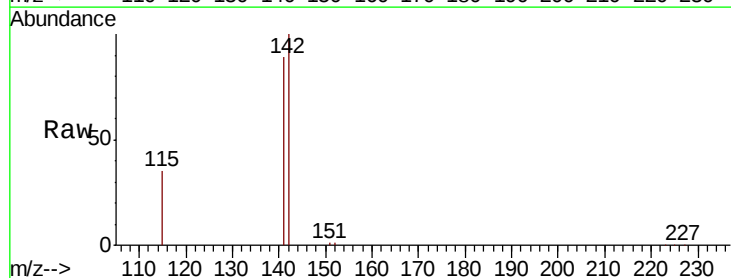
Instrument :
 BNA_N
 ClientSampled :

Tot Ion:152 Resp: 19585
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.427 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Tgt Ion:142 Resp: 22437
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.6 106.0
 115 35.0 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

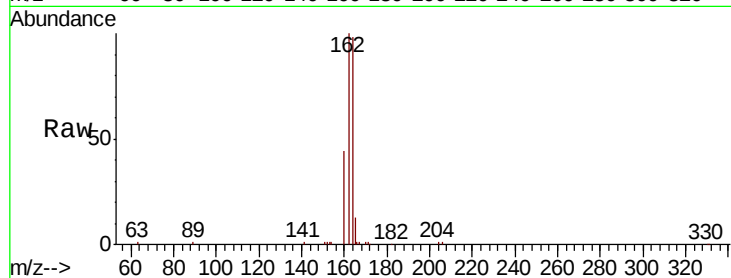
Tot Ion:164 Resp: 16958

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

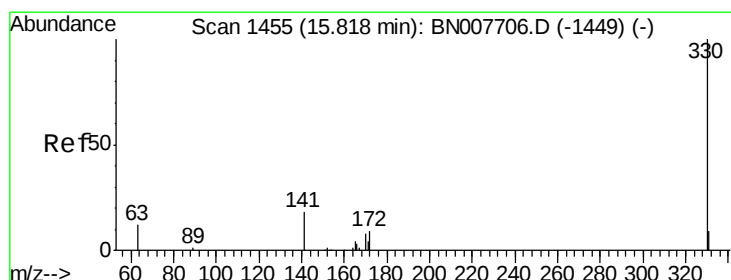
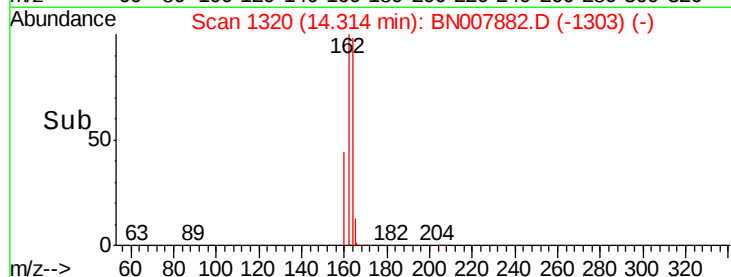
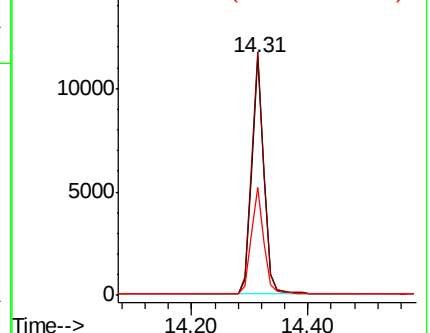
160 45.5 37.0 55.4



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: 0.348 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

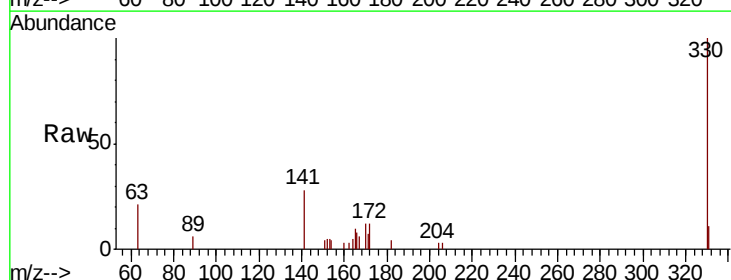
Tgt Ion:330 Resp: 3211

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

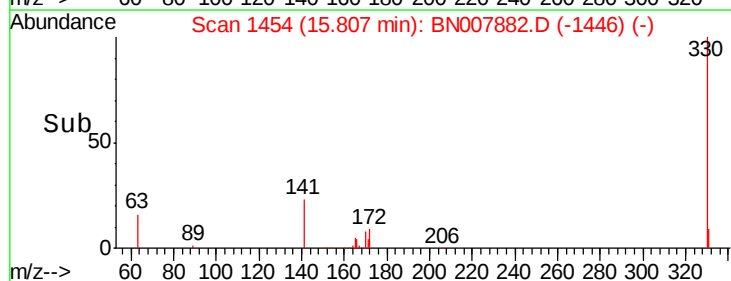
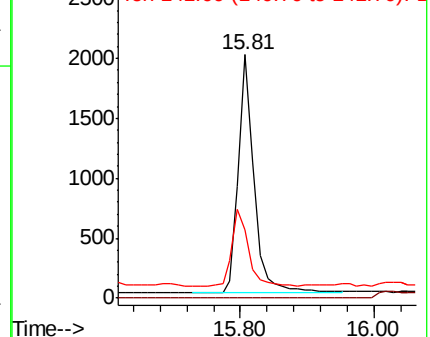
141 33.0 28.7 43.1



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

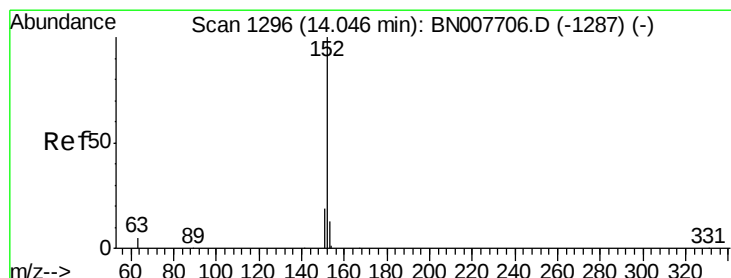
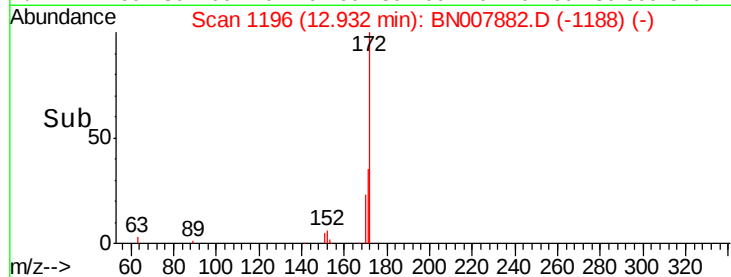
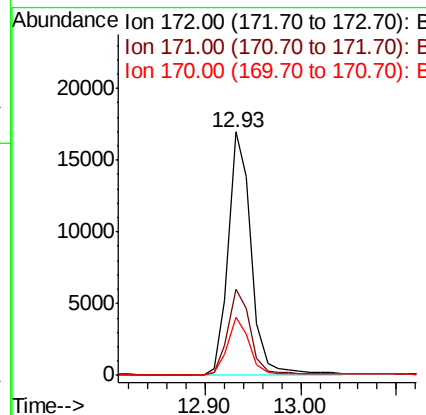
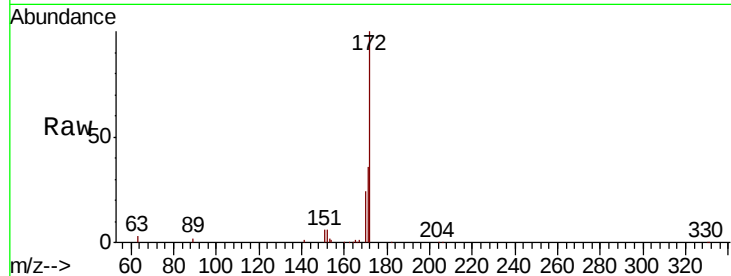




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

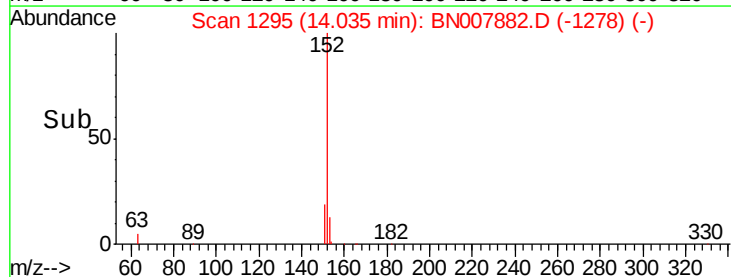
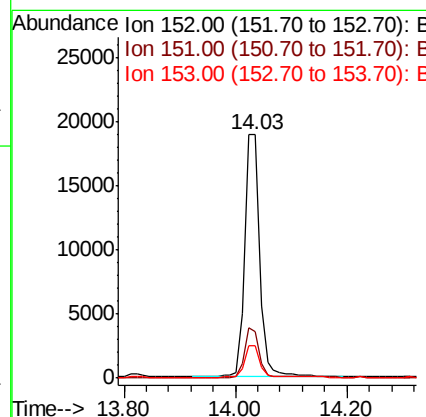
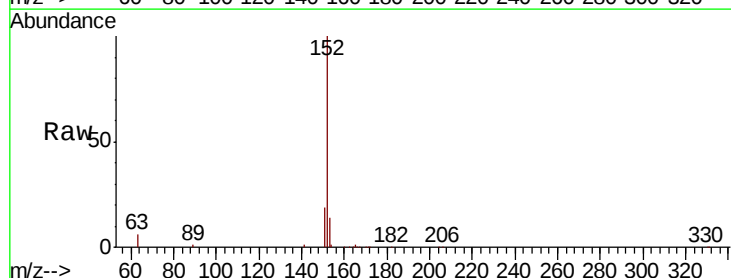
Instrument :
BNA_N
ClientSampleId :

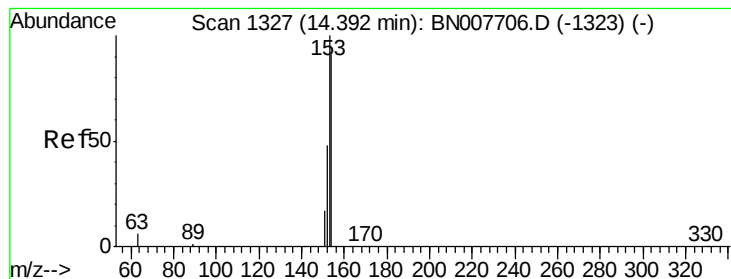
Tot Ion:172 Resp: 28229
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.5 29.3



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

Tgt Ion:152 Resp: 34875
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 10.4 15.6





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

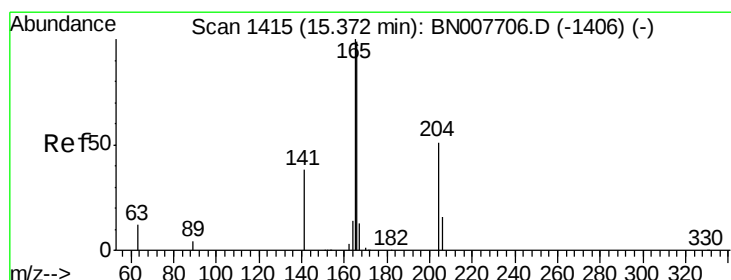
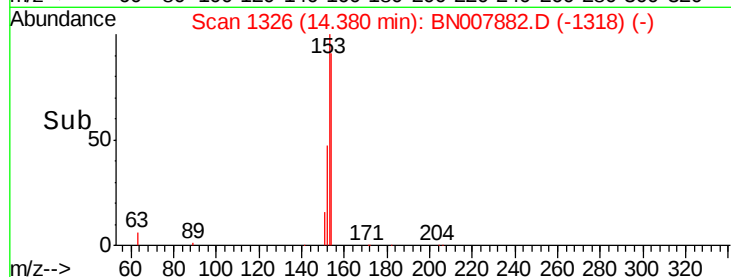
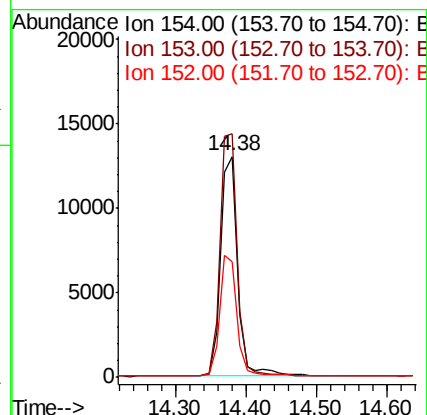
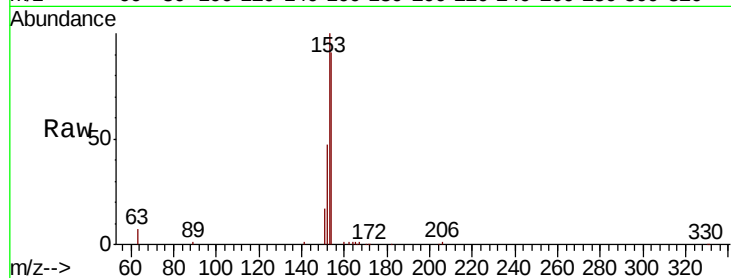
Tot Ion:154 Resp: 22393

Ion Ratio Lower Upper

154 100

153 111.1 87.0 130.4

152 54.2 42.7 64.1



#18

Fluorene

Concen: 0.387 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

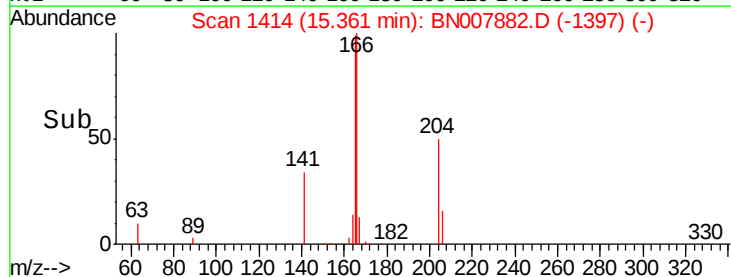
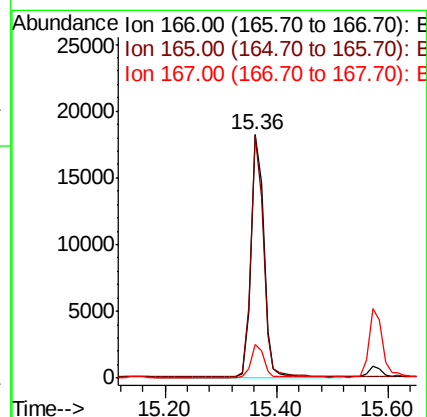
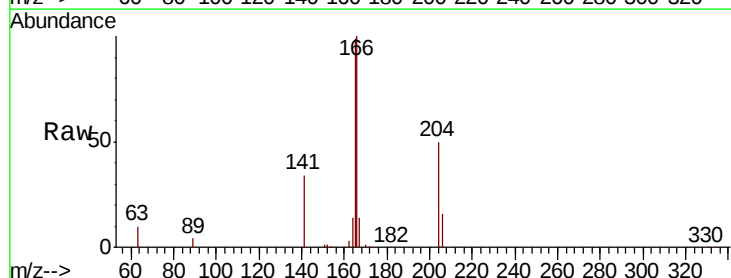
Tgt Ion:166 Resp: 28764

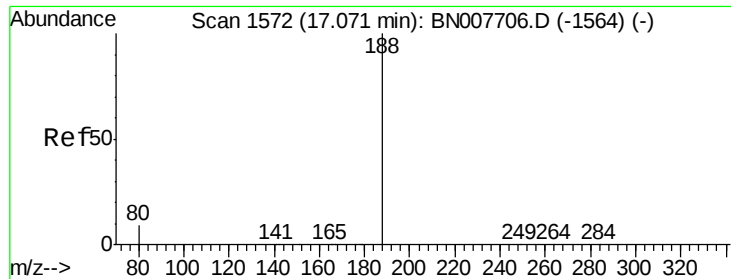
Ion Ratio Lower Upper

166 100

165 97.0 78.0 117.0

167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

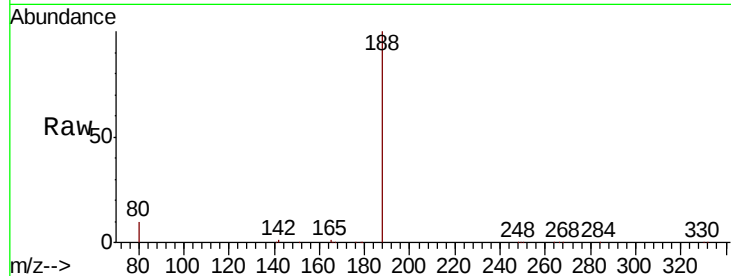
Tot Ion:188 Resp: 35204

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.4 11.2



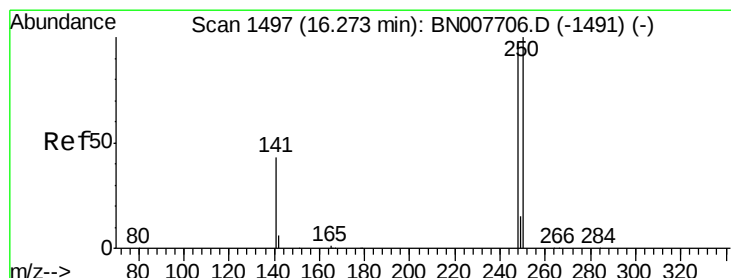
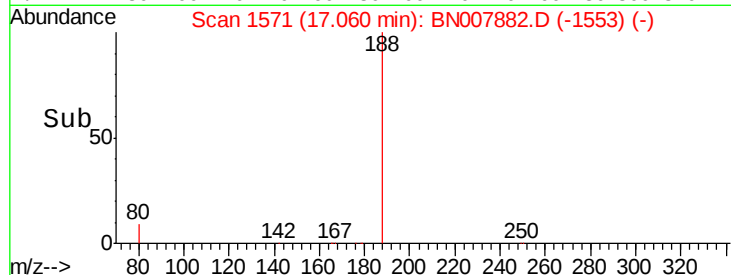
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

17.06

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.447 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

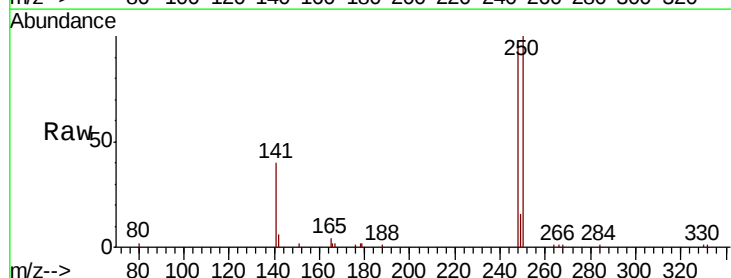
Tgt Ion:248 Resp: 9554

Ion Ratio Lower Upper

248 100

250 103.9 82.2 123.4

141 41.2 36.3 54.5



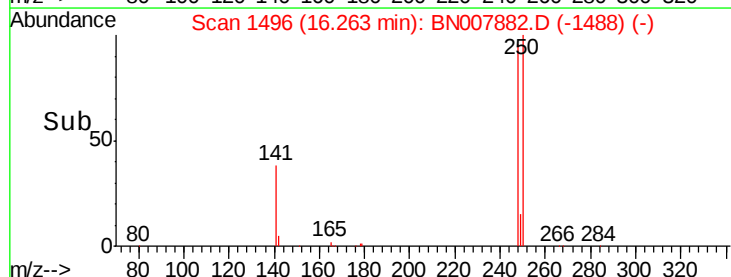
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.26

Time-->





#21

Hexachlorobenzene

Concen: 0.450 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

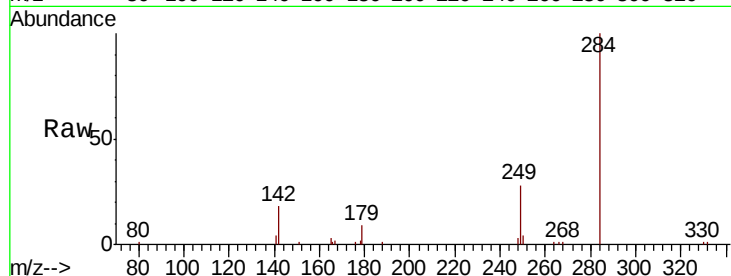
Tot Ion:284 Resp: 10523

Ion Ratio Lower Upper

284 100

142 31.7 25.8 38.6

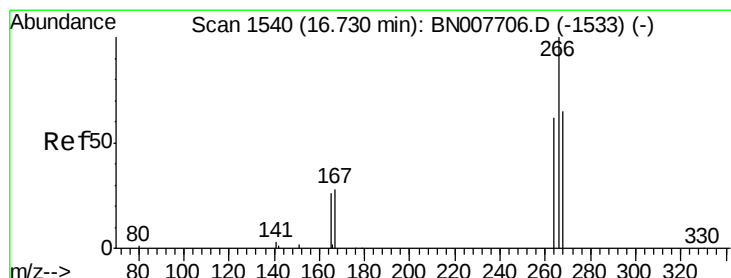
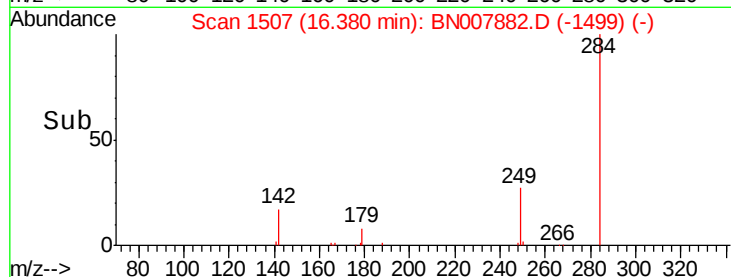
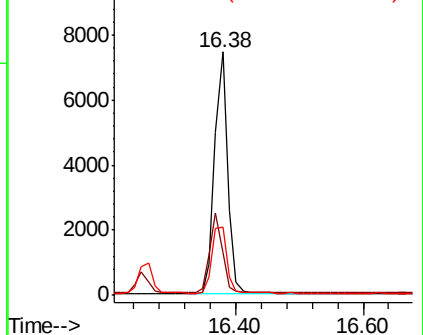
249 31.3 25.9 38.9



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: 0.401 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

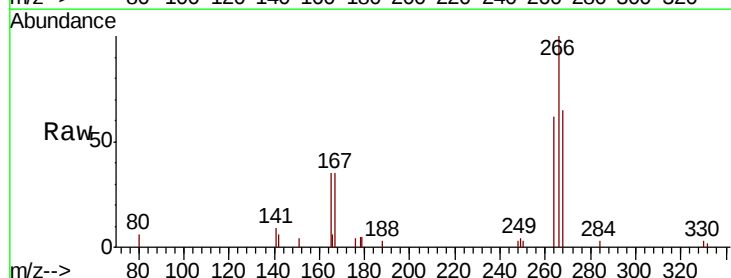
Tgt Ion:266 Resp: 3456

Ion Ratio Lower Upper

266 100

264 62.0 50.0 75.0

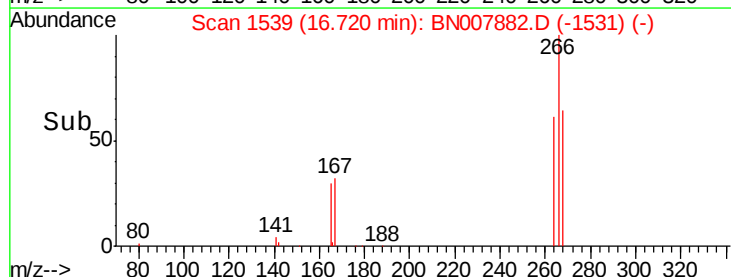
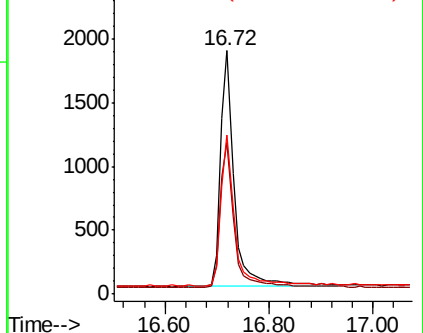
268 65.4 54.2 81.4

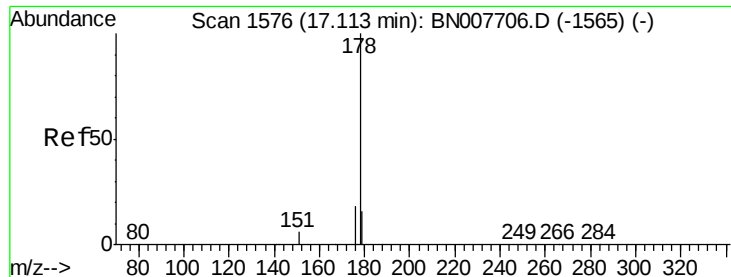


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.431 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

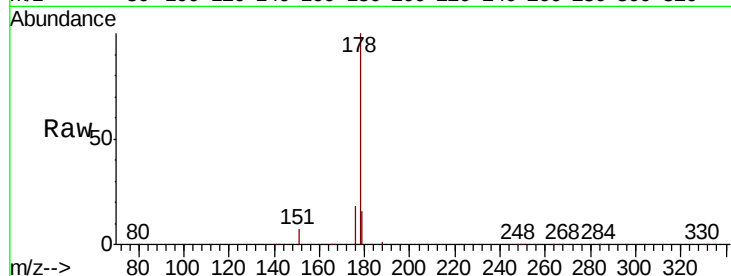
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 47219

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.5	18.7

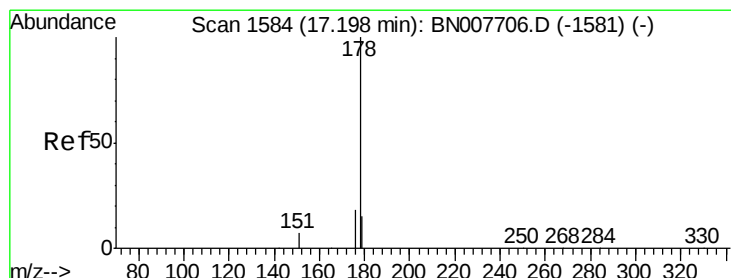
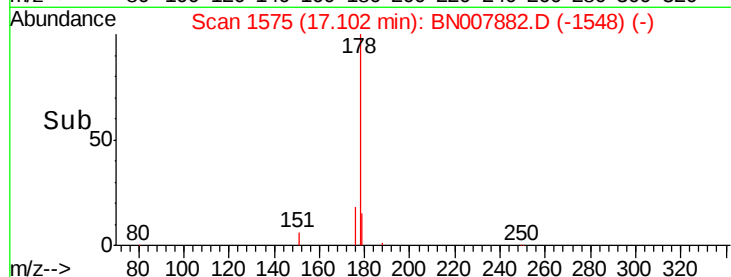
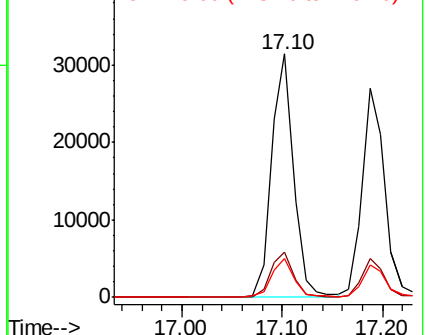


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.427 ng

RT: 17.19 min Scan# 1583

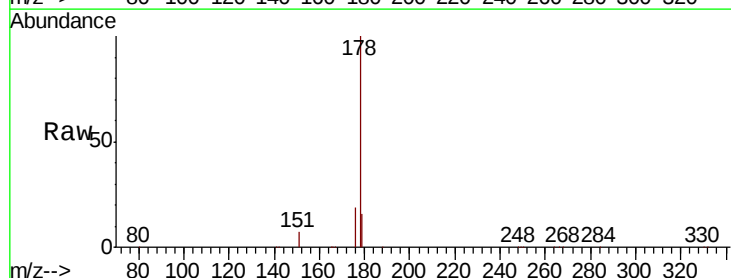
Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Tgt Ion:178 Resp: 42260

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.4	12.2	18.4

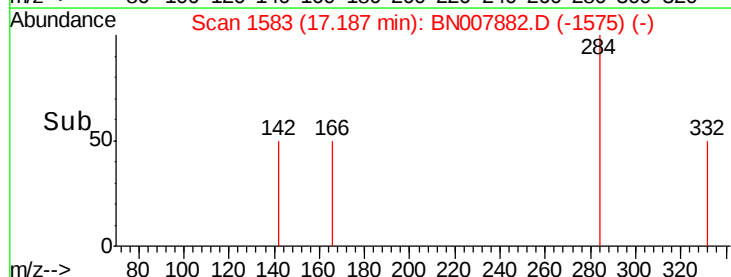
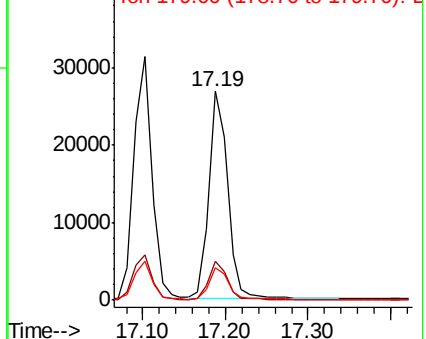


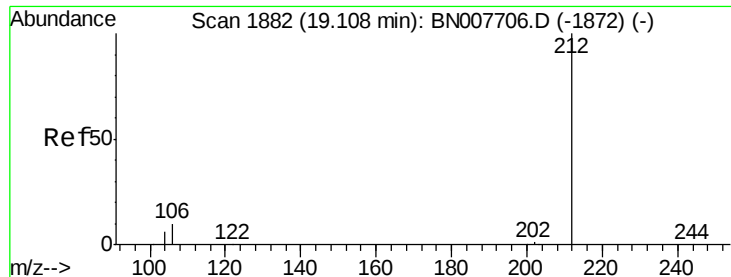
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

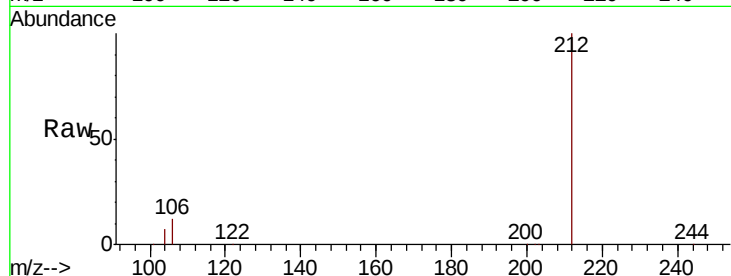
Tot Ion:212 Resp: 47567

Ion Ratio Lower Upper

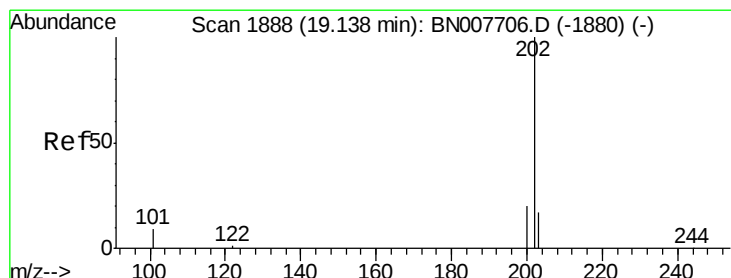
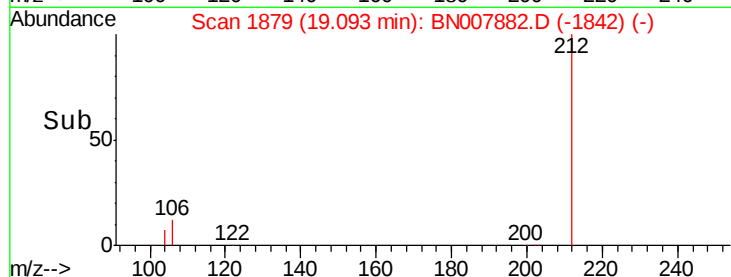
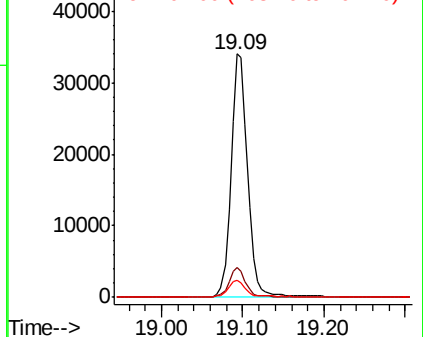
212 100

106 11.8 9.4 14.0

104 6.6 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.407 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

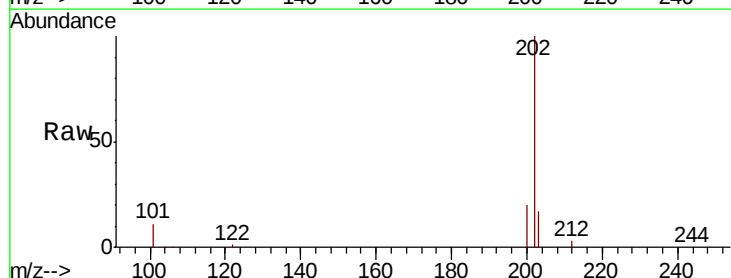
Tgt Ion:202 Resp: 55542

Ion Ratio Lower Upper

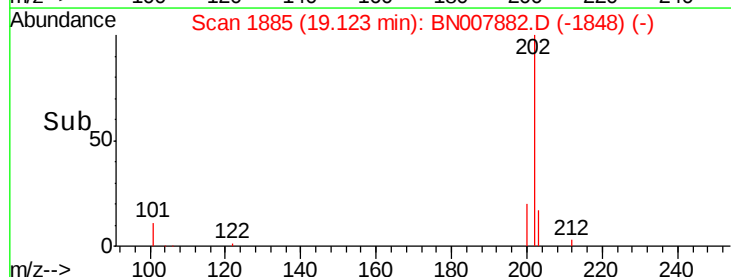
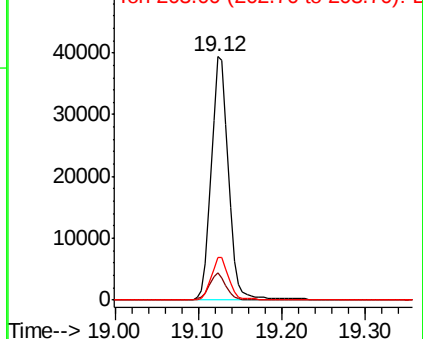
202 100

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

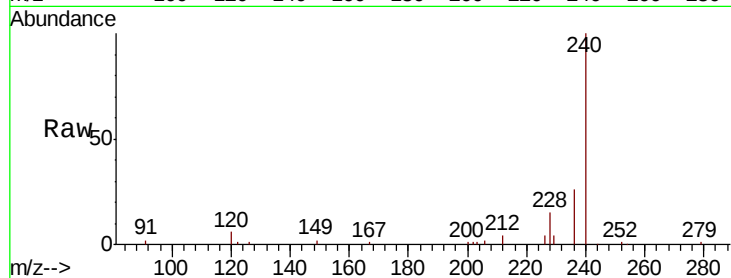
Tot Ion:240 Resp: 38313

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.2

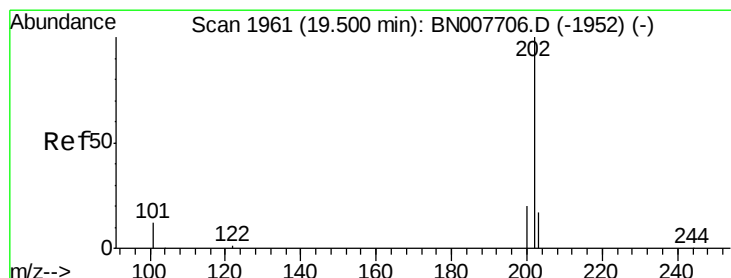
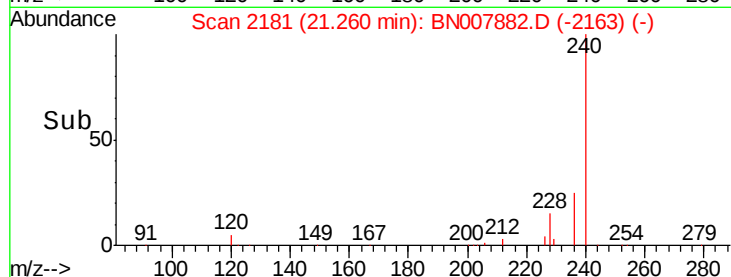
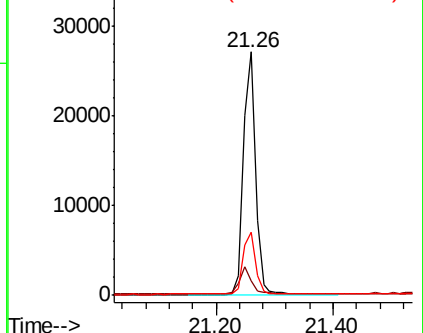
236 25.8 21.0 31.4



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: 0.433 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

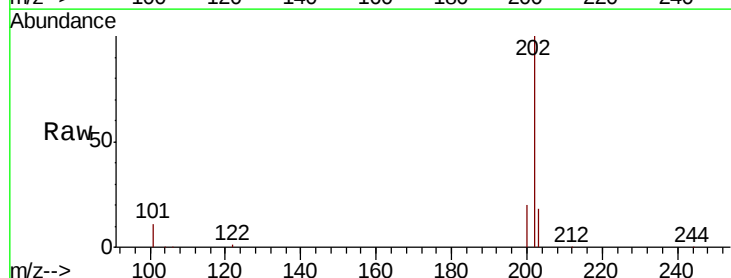
Tgt Ion:202 Resp: 56523

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

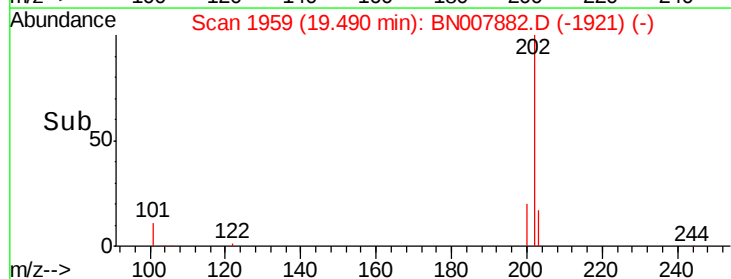
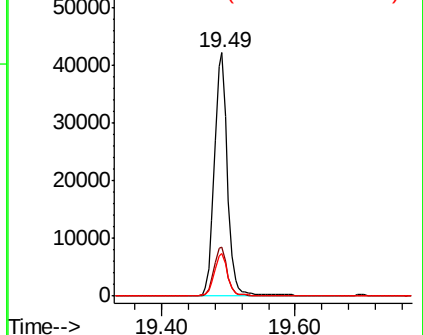
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

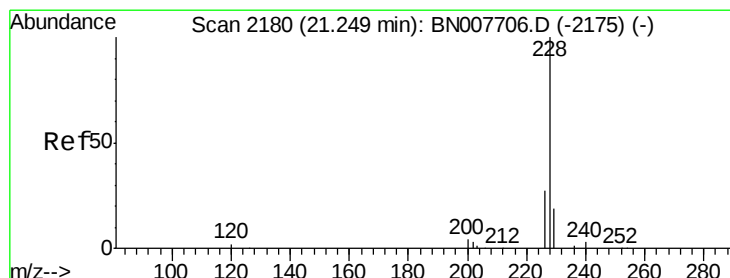
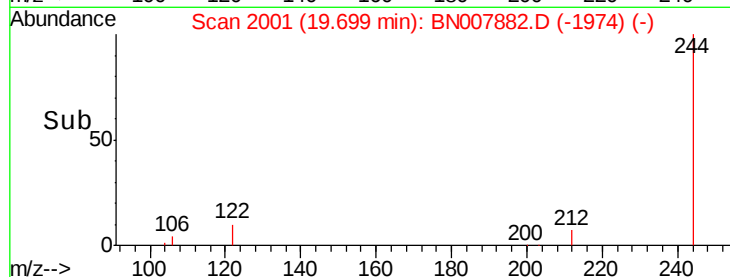
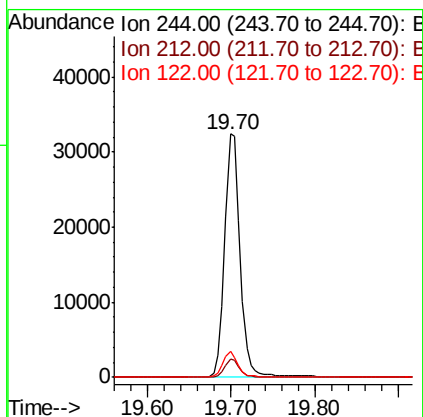
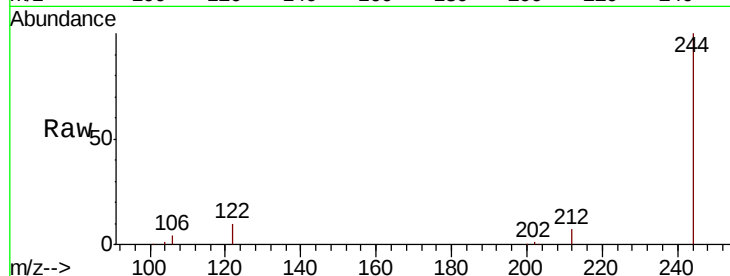




#29
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

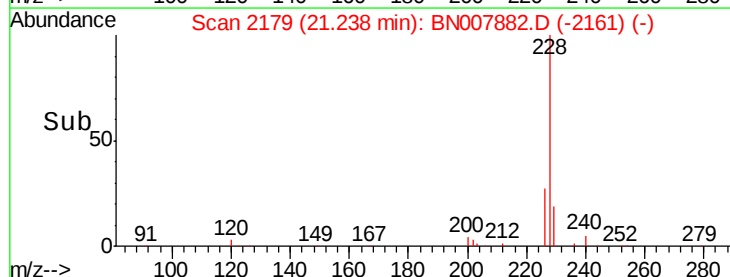
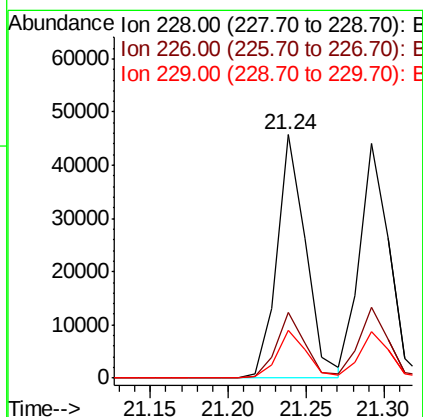
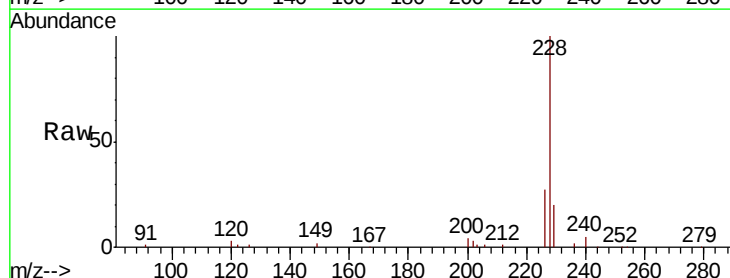
Instrument :
 BNA_N
 ClientSampleId :

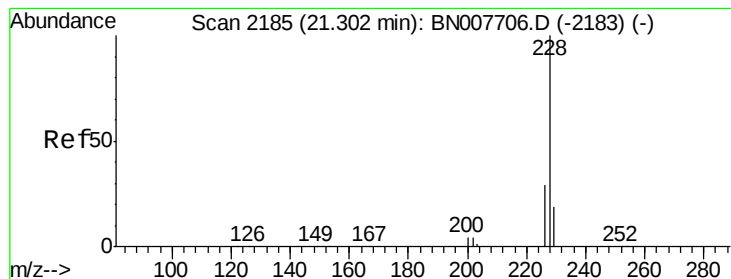
Tot Ion:244 Resp: 41329
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.5 7.4 11.2



#30
 Benzo(a)anthracene
 Concen: 0.412 ng
 RT: 21.24 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Tgt Ion:228 Resp: 58190
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.1 33.1
 229 19.6 15.8 23.6





#31

Chrysene

Concen: 0.417 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

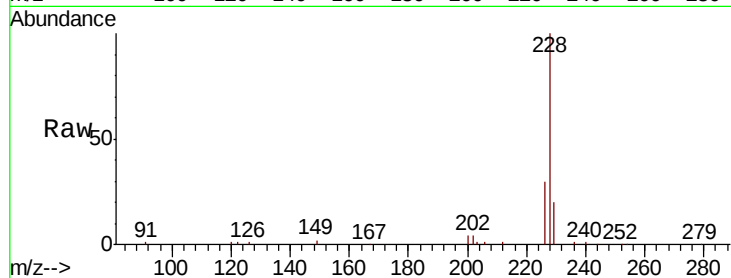
Tot Ion:228 Resp: 57404

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.6 15.8 23.6

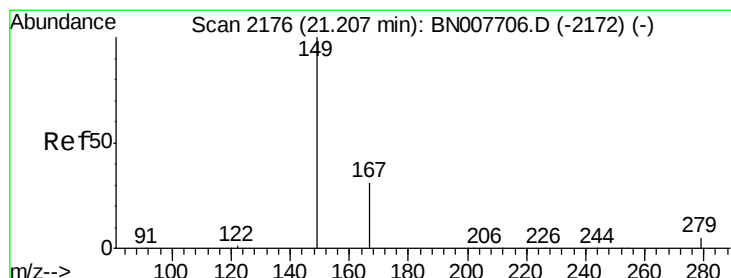
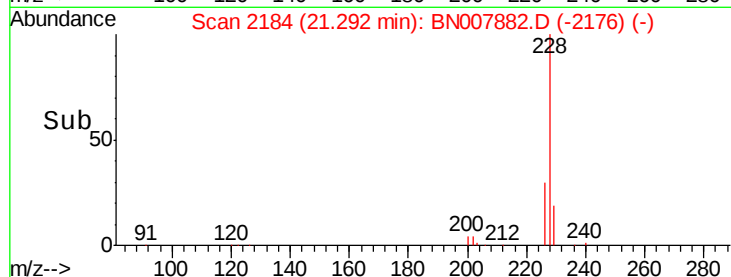
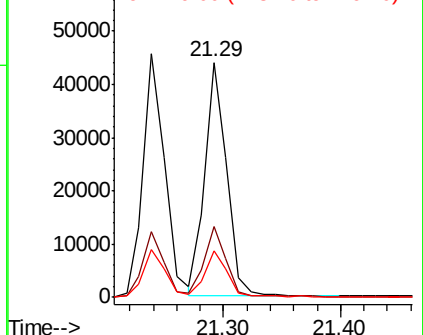


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.415 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

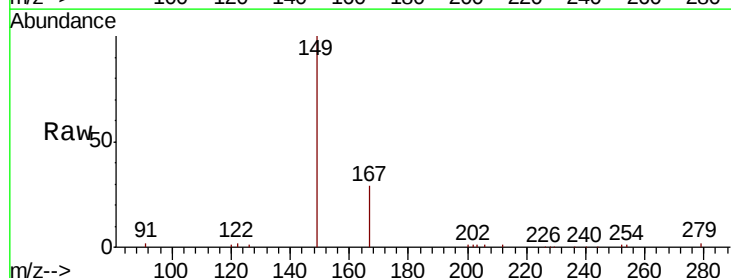
Tgt Ion:149 Resp: 30134

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

279 5.2 4.2 6.2

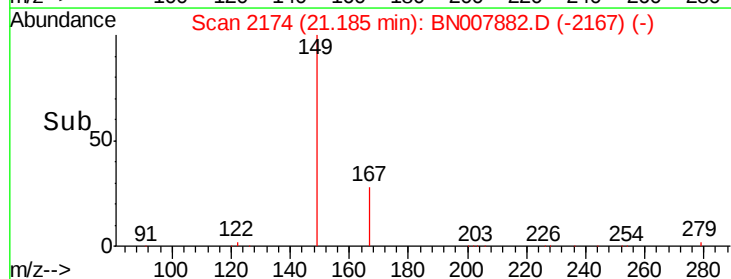
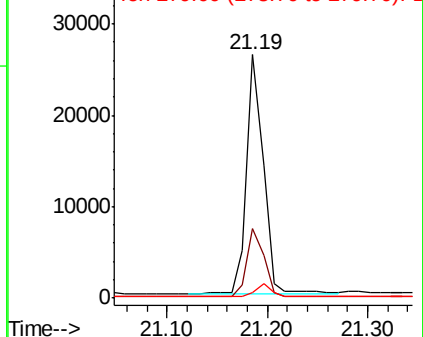


Abundance

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

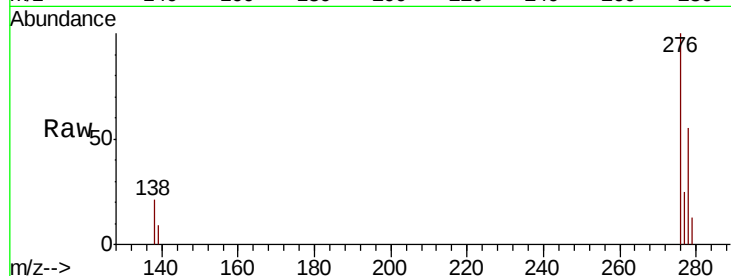




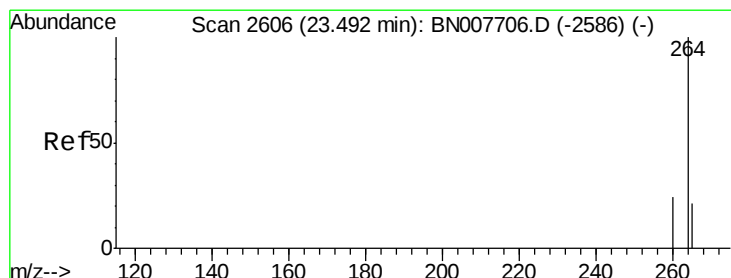
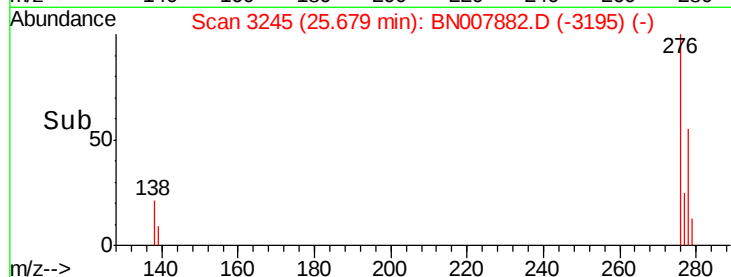
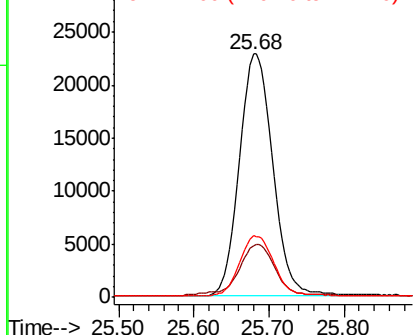
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.399 ng
 RT: 25.68 min Scan# 3245
 Delta R.T. -0.03 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 68659
 Ion Ratio Lower Upper
 276 100
 138 22.9 17.1 25.7
 277 25.1 20.0 30.0

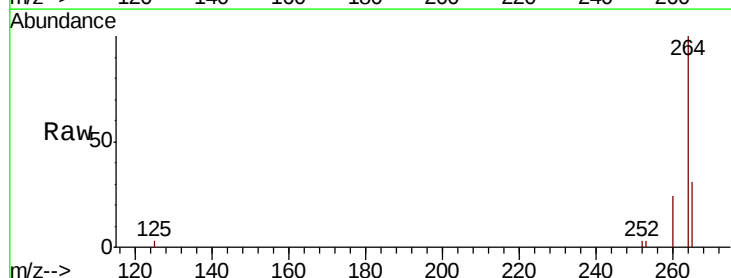


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

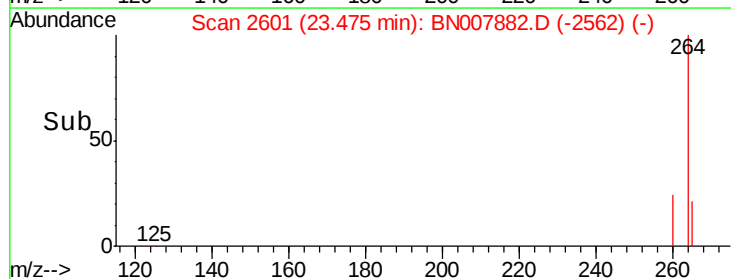
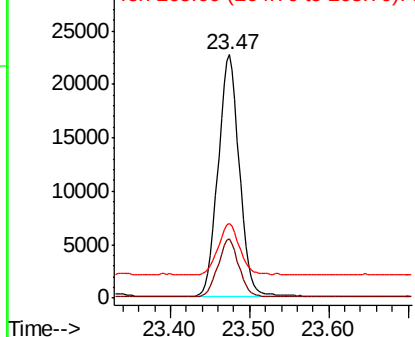


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BN007882.D
 Acq: 27 Sep 2019 11:22

Tgt Ion:264 Resp: 42177
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 30.8 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

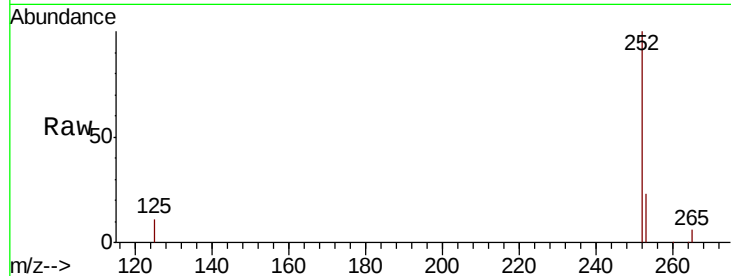




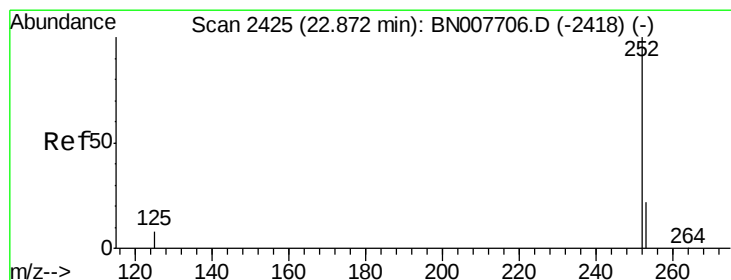
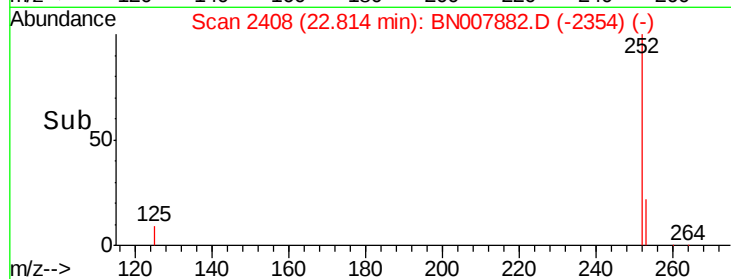
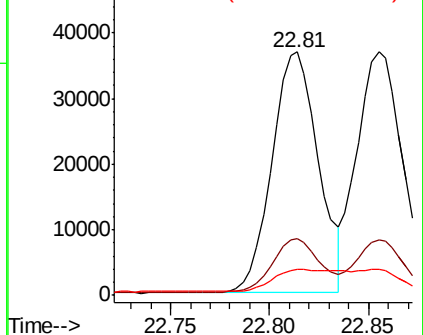
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 59917
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.8 8.2 12.4

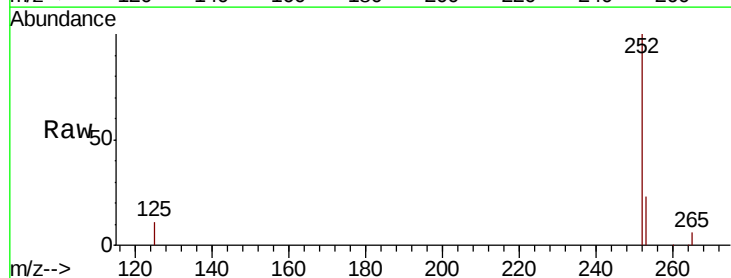


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

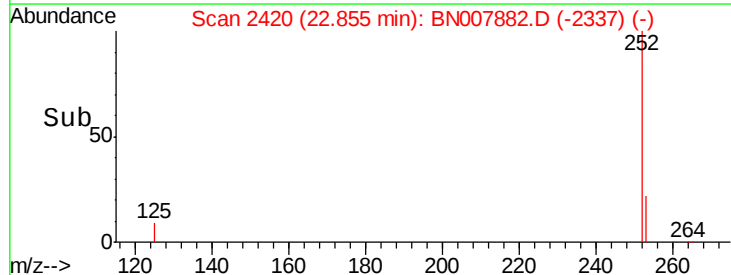
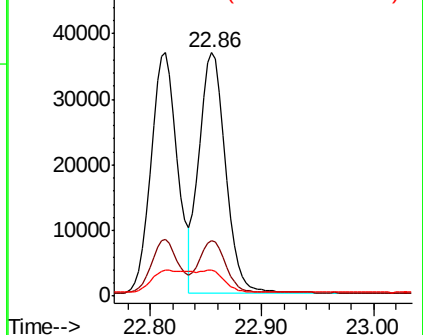


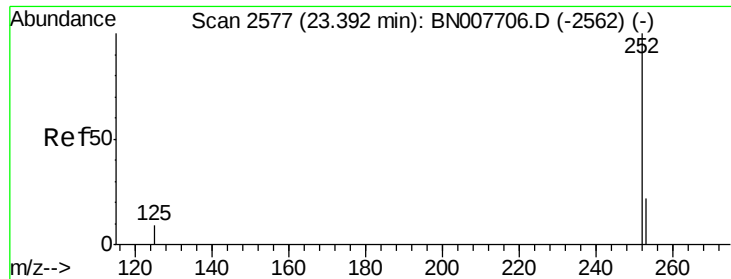
#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.86 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007882.D
Acq: 27 Sep 2019 11:22

Tgt Ion:252 Resp: 60428
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 10.6 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: 0.410 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :

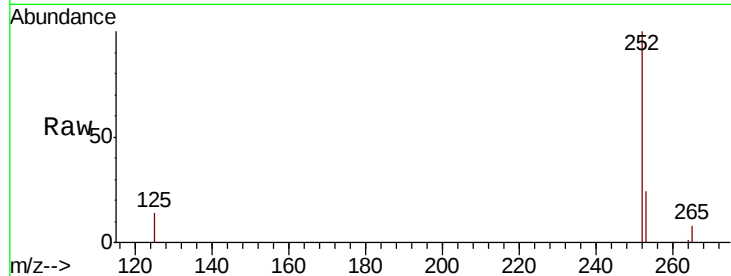
Tot Ion:252 Resp: 56431

Ion Ratio Lower Upper

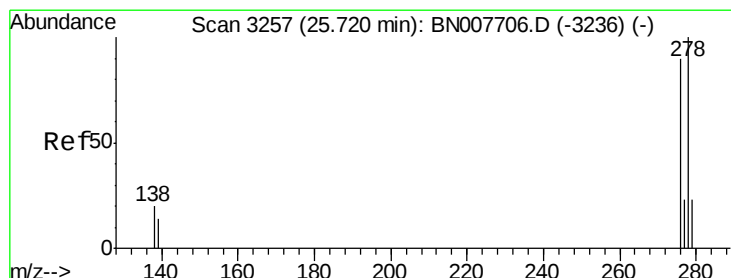
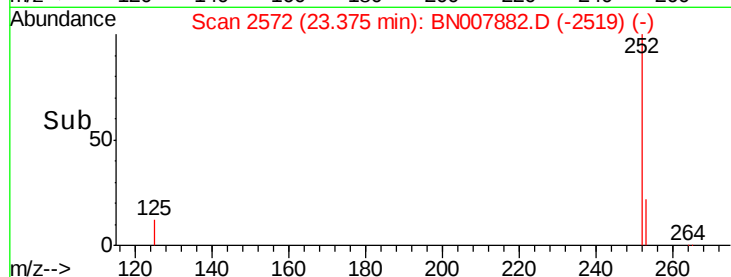
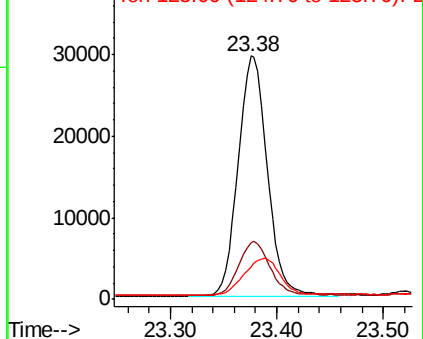
252 100

253 23.5 18.6 27.8

125 13.6 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.400 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

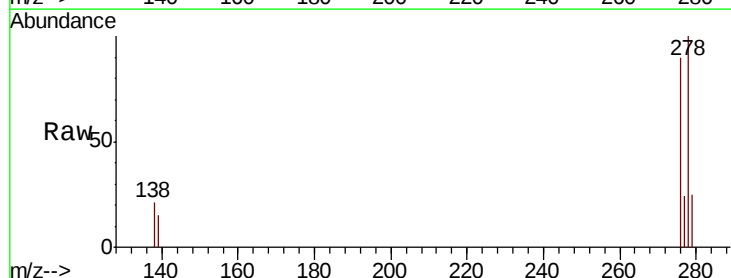
Tgt Ion:278 Resp: 56262

Ion Ratio Lower Upper

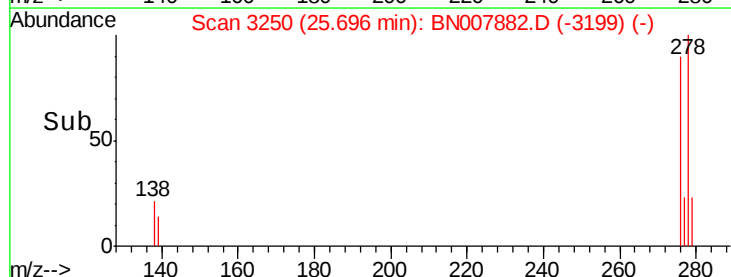
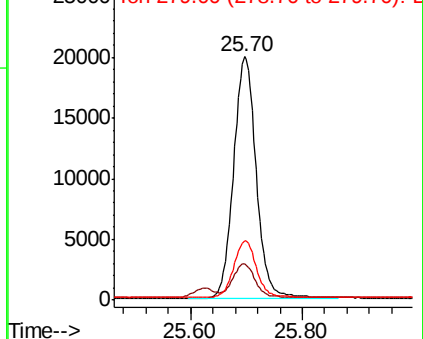
278 100

139 14.8 11.8 17.6

279 24.5 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

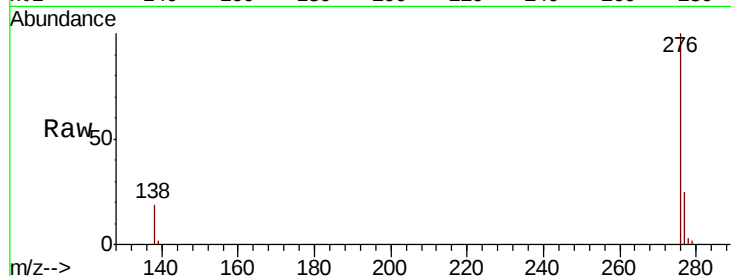
Lab File: BN007882.D

Acq: 27 Sep 2019 11:22

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 55368

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 19.2 15.1 22.7

