

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
 Data File : BN007981.D
 Acq On : 03 Oct 2019 00:29
 Operator : JU
 Sample : PB123477BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 06:49:20 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	5595	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	23198	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14618	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31232	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	33312	0.40	ng	-0.02
34) Perylene-d12	23.46	264	35359	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5547	0.29	ng	0.00
5) Phenol-d6	6.87	99	8056	0.33	ng	0.00
8) Nitrobenzene-d5	8.82	82	6648	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	14199	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2990	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	18900	0.31	ng	-0.01
25) Fluoranthene-d10	19.09	212	44244	0.42	ng	-0.01
29) Terphenyl-d14	19.69	244	40080	0.49	ng	-0.02

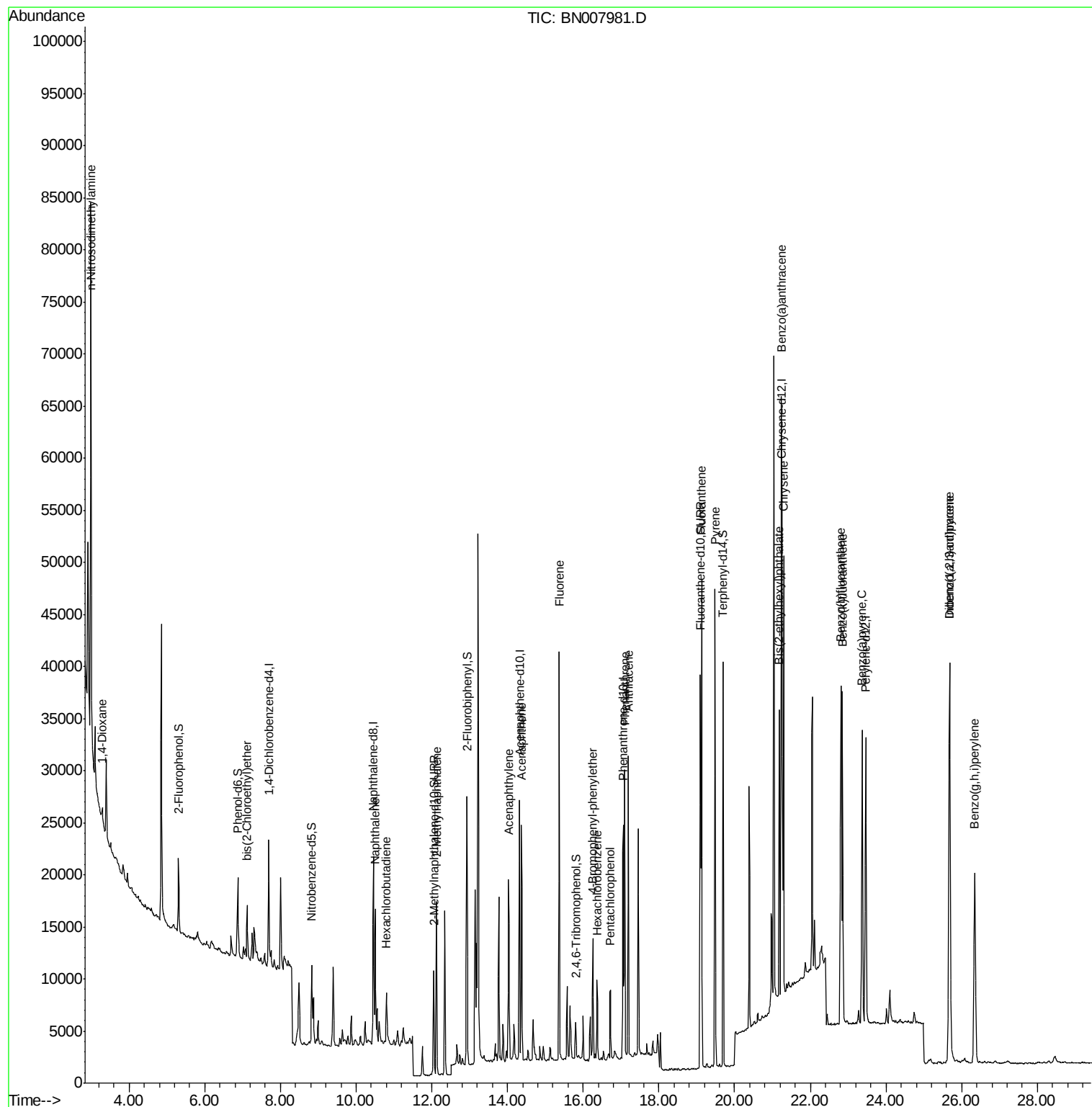
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1165	0.187	ng	# 58
3) n-Nitrosodimethylamine	2.99	42	5196	1.819	ng	# 82
6) bis(2-Chloroethyl)ether	7.12	93	4586	0.289	ng	92
9) Naphthalene	10.51	128	16383	0.252	ng	99
10) Hexachlorobutadiene	10.80	225	3187	0.232	ng	# 100
12) 2-Methylnaphthalene	12.12	142	11751	0.267	ng	99
16) Acenaphthylene	14.02	152	19687	0.254	ng	97
17) Acenaphthene	14.37	154	11679	0.234	ng	97
18) Fluorene	15.36	166	16424	0.256	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	5610	0.296	ng	# 87
21) Hexachlorobenzene	16.37	284	5894	0.284	ng	98
22) Pentachlorophenol	16.72	266	3860	0.505	ng	99
23) Phenanthrene	17.09	178	30886	0.317	ng	100
24) Anthracene	17.19	178	28420	0.323	ng	100
26) Fluoranthene	19.12	202	40845	0.338	ng	100
28) Pyrene	19.49	202	41010	0.361	ng	99
30) Benzo(a)anthracene	21.24	228	39807	0.324	ng	98
31) Chrysene	21.29	228	40055	0.335	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	28016	0.444	ng	99
33) Indeno(1,2,3-cd)pyrene	25.67	276	44437	0.297	ng	100
35) Benzo(b)fluoranthene	22.80	252	41474	0.338	ng	# 95
36) Benzo(k)fluoranthene	22.85	252	38565	0.318	ng	# 95
37) Benzo(a)pyrene	23.37	252	38177	0.331	ng	# 92
38) Dibenzo(a,h)anthracene	25.69	278	36107	0.306	ng	96
39) Benzo(g,h,i)perylene	26.34	276	37640	0.322	ng	98

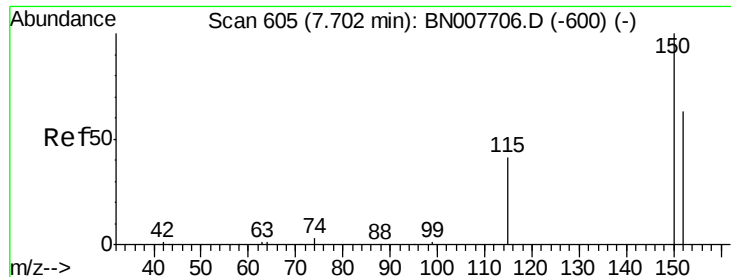
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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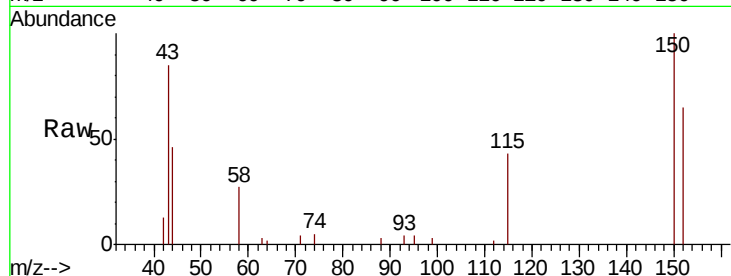


#1

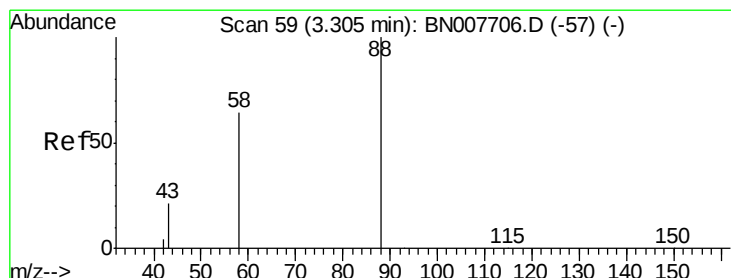
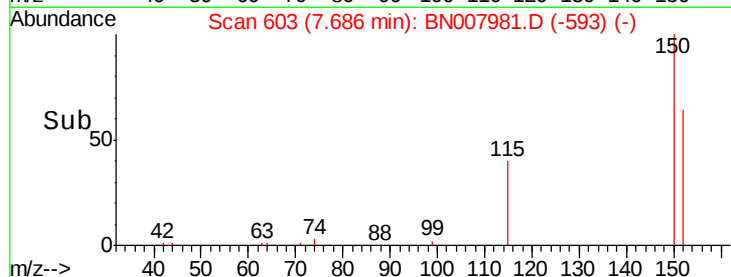
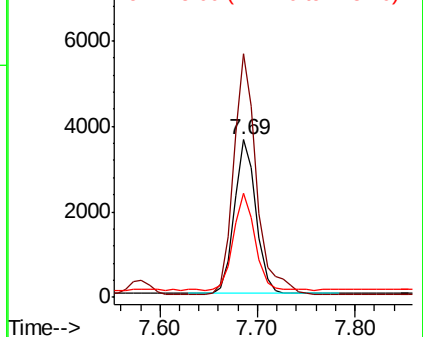
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5595
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 65.9 53.3 79.9



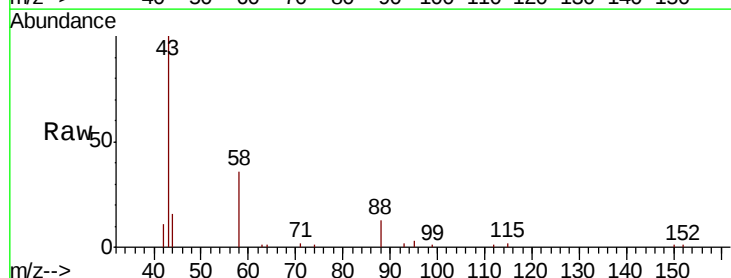
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



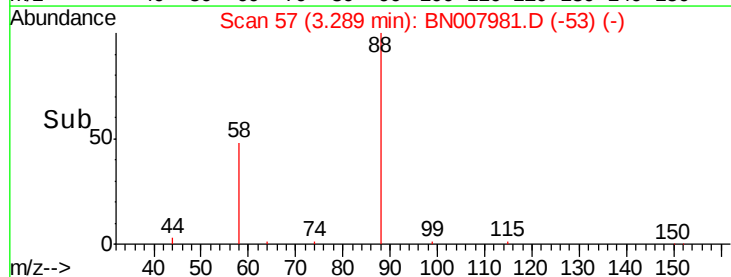
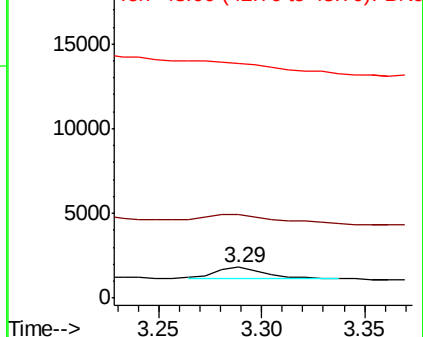
#2

1,4-Dioxane
Concen: 0.187 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion: 88 Resp: 1165
Ion Ratio Lower Upper
88 100
58 87.0 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



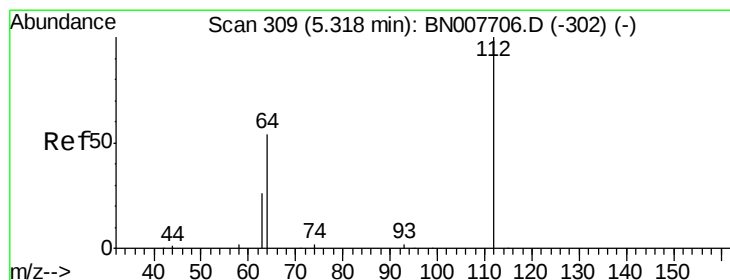
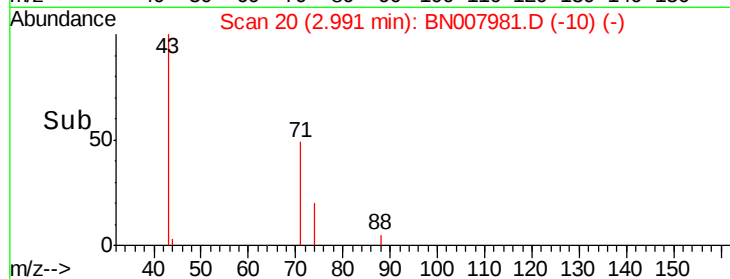
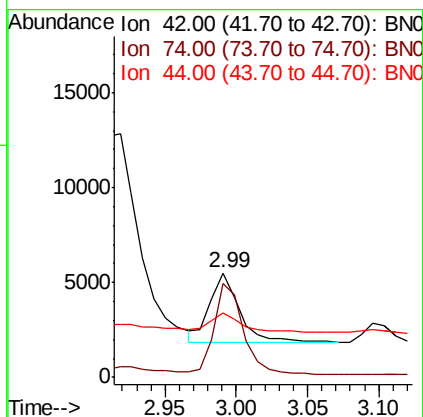
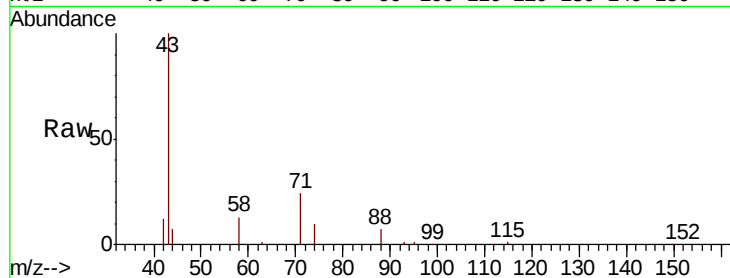


#3

n-Nitrosodimethylamine
 Concen: 1.819 ng
 RT: 2.99 min Scan# 20
 Delta R.T. -0.02 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

Instrument :
 BNA_N
 ClientSampleId :

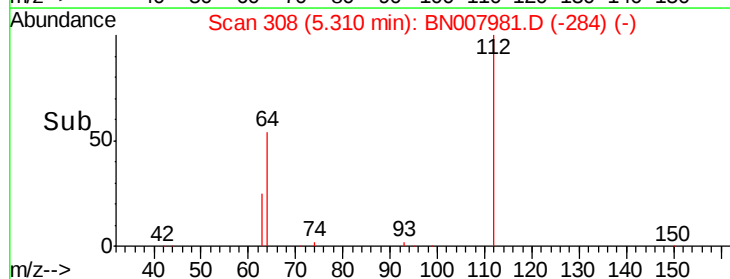
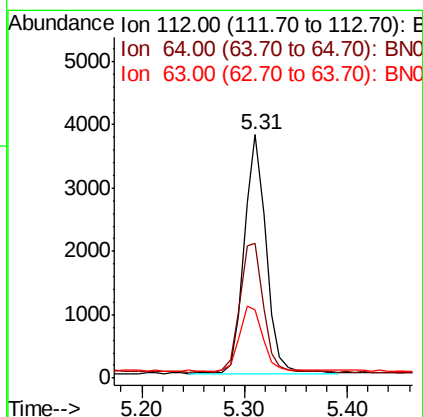
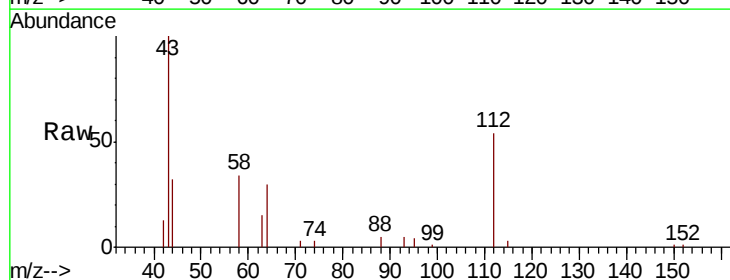
Tot Ion	Ratio	Lower	Upper
42	100		
74	130.2	87.9	131.9
44	29.0	29.4	44.0#



#4

2-Fluorophenol
 Concen: 0.288 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	29.0	23.1	34.7





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

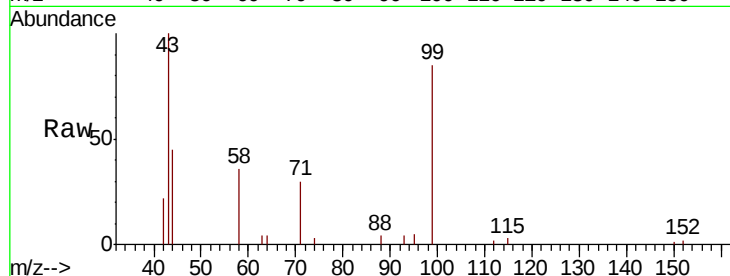
Tot Ion: 99 Resp: 8056

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

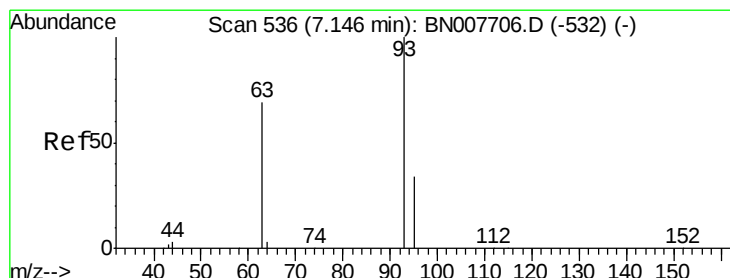
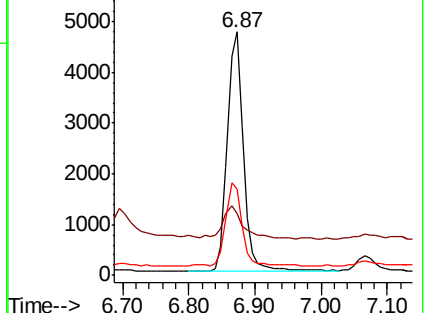
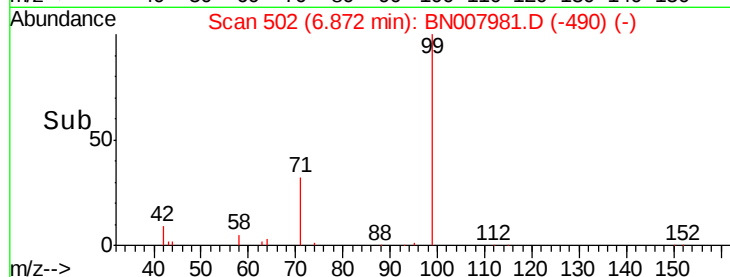
71 34.2 27.6 41.4



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: 0.289 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

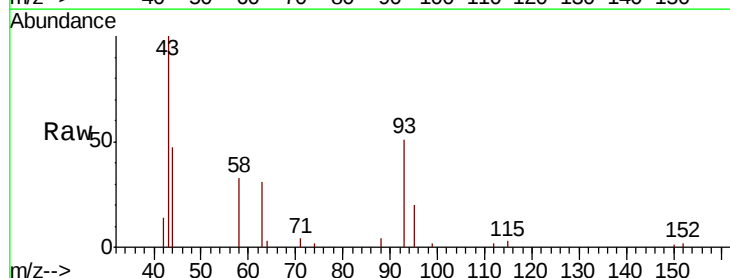
Tgt Ion: 93 Resp: 4586

Ion Ratio Lower Upper

93 100

63 68.0 59.3 88.9

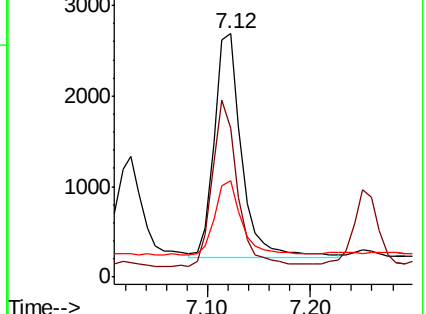
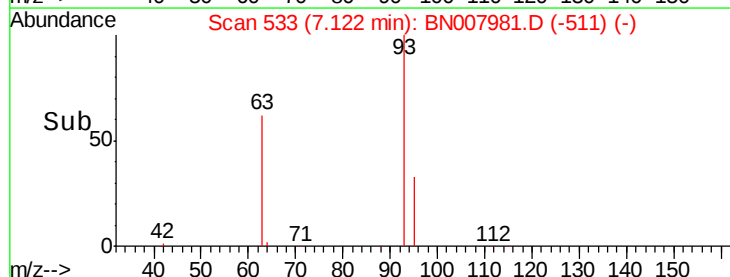
95 33.0 31.4 47.0



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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 23198

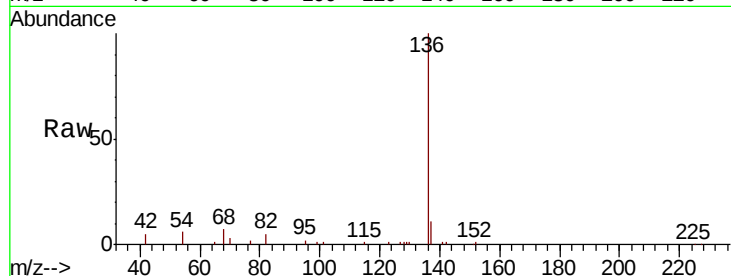
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.9 5.8 8.8

68 6.8 6.5 9.7

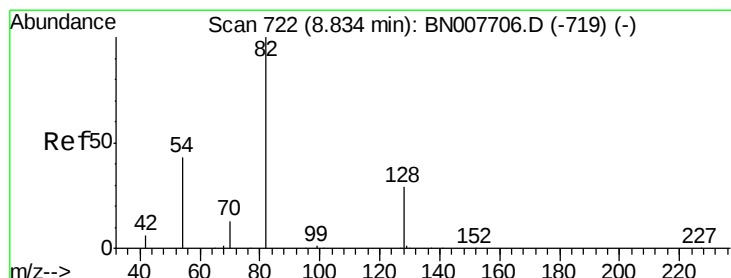
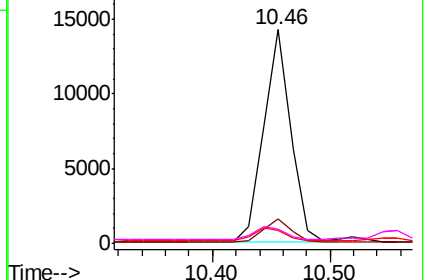
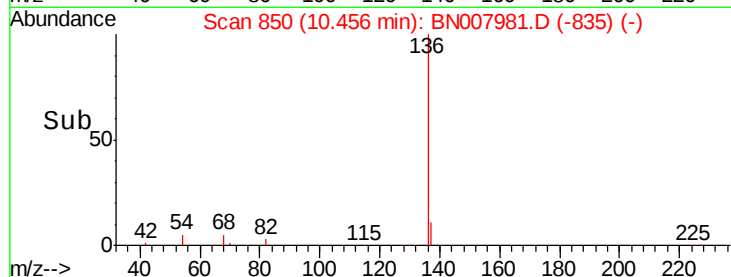


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

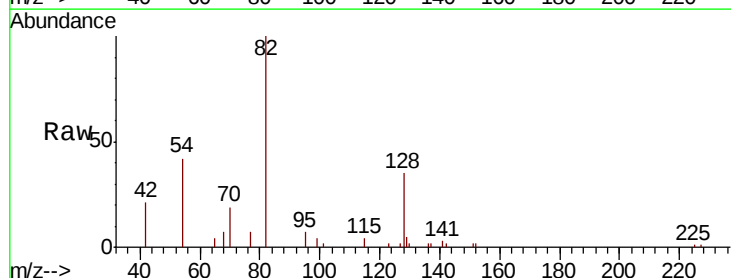
Tgt Ion: 82 Resp: 6648

Ion Ratio Lower Upper

82 100

128 35.0 24.5 36.7

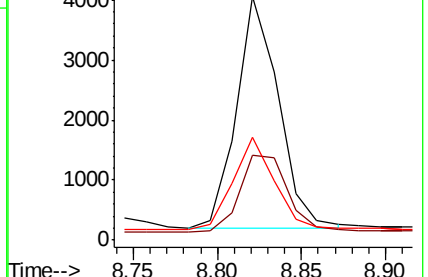
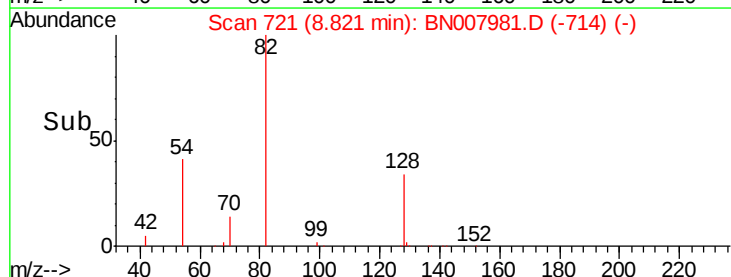
54 42.0 35.2 52.8



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: 0.252 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

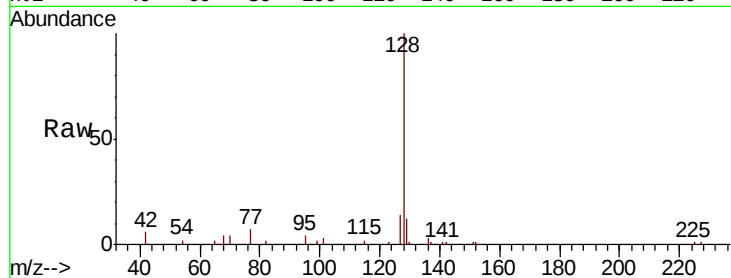
Tot Ion:128 Resp: 16383

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

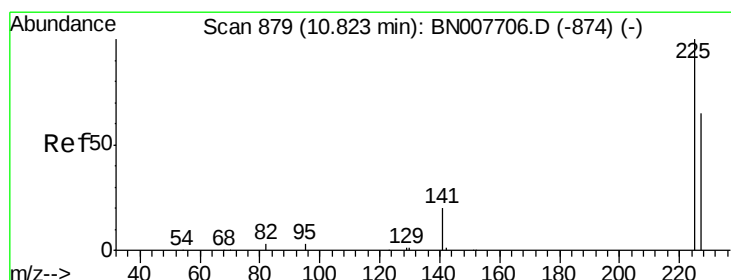
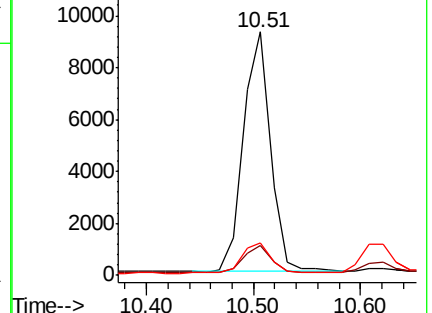
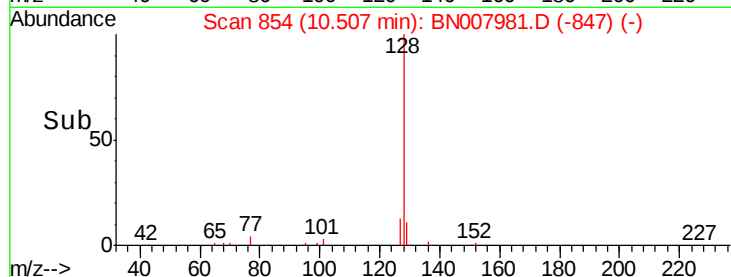
127 13.6 10.6 15.8



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: 0.232 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

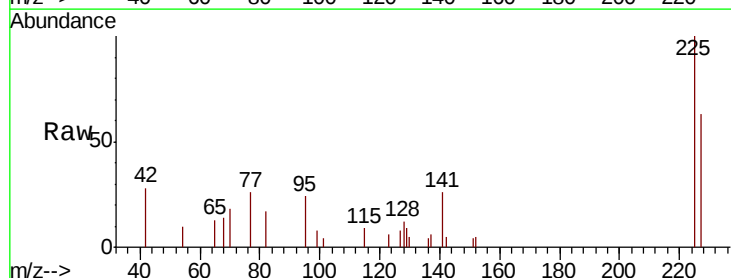
Tgt Ion:225 Resp: 3187

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

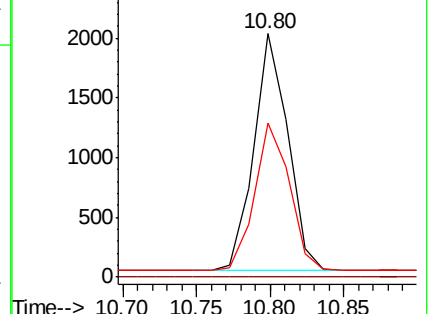
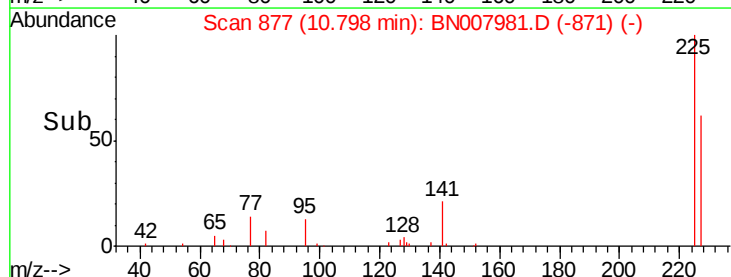
227 63.8 51.2 76.8

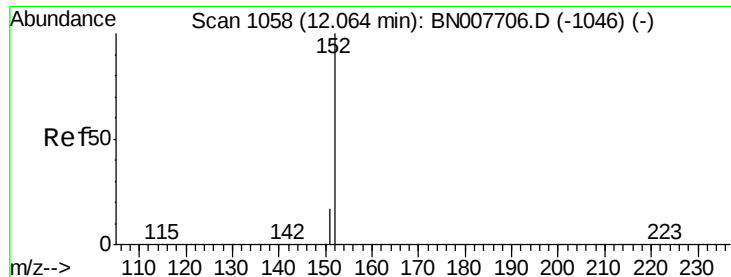


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

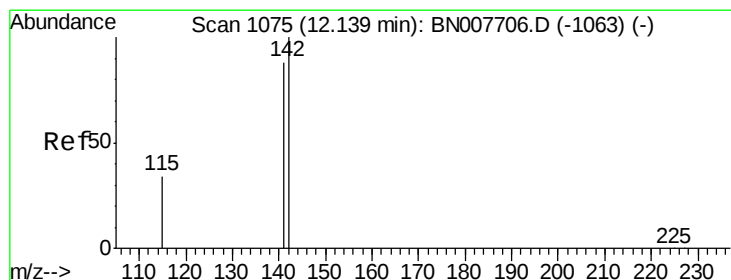
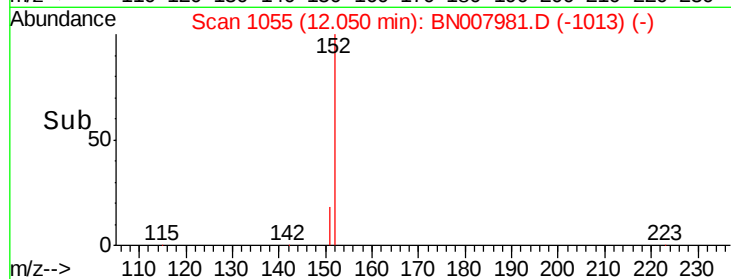
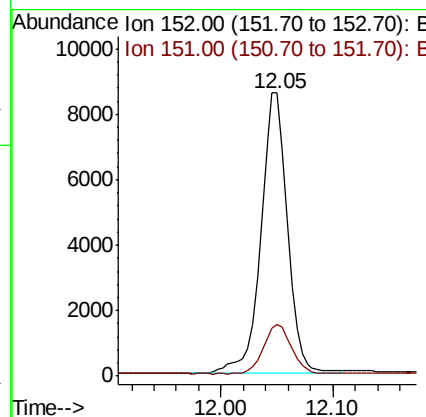
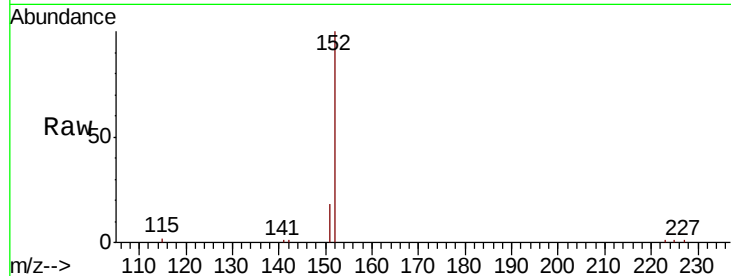




#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

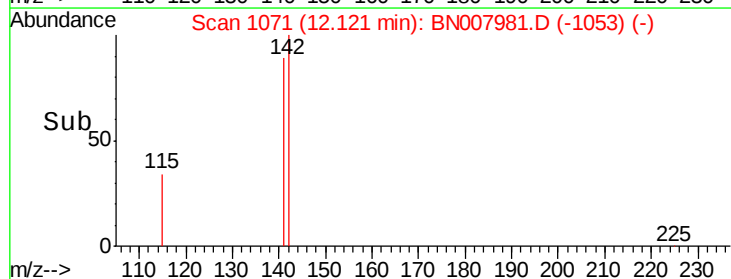
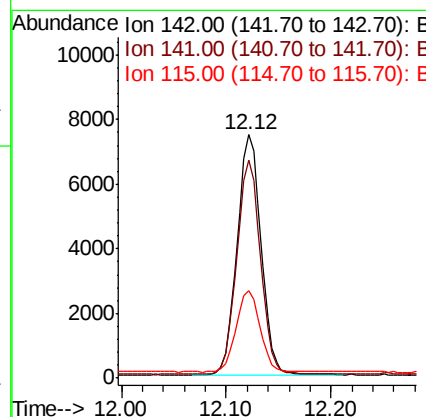
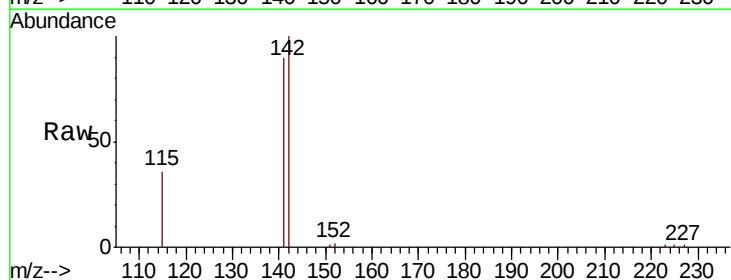
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 14199
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.267 ng
 RT: 12.12 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

Tgt Ion:142 Resp: 11751
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.6 106.0
 115 36.2 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: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

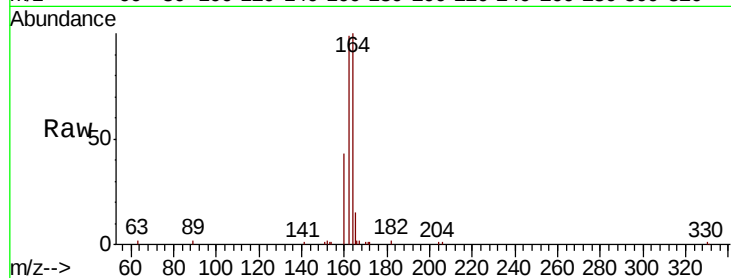
Tot Ion:164 Resp: 14618

Ion Ratio Lower Upper

164 100

162 99.2 81.7 122.5

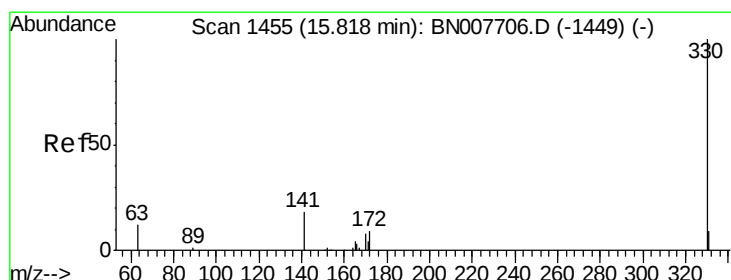
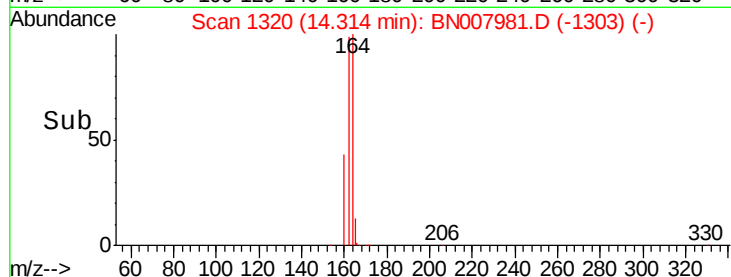
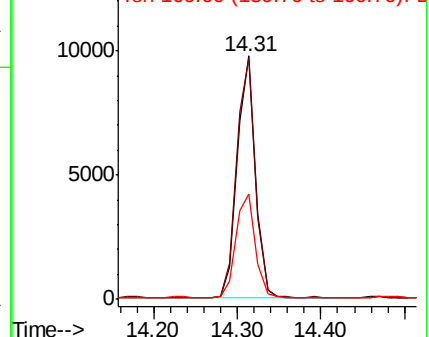
160 43.3 37.0 55.4



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: 0.376 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

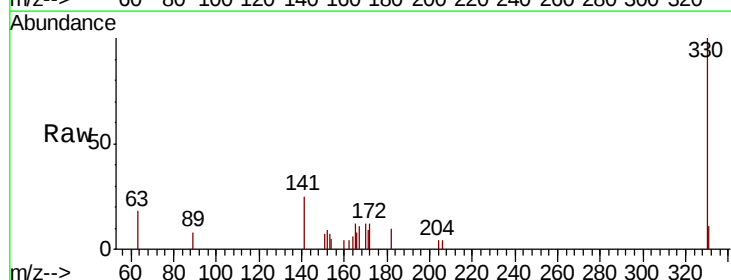
Tgt Ion:330 Resp: 2990

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

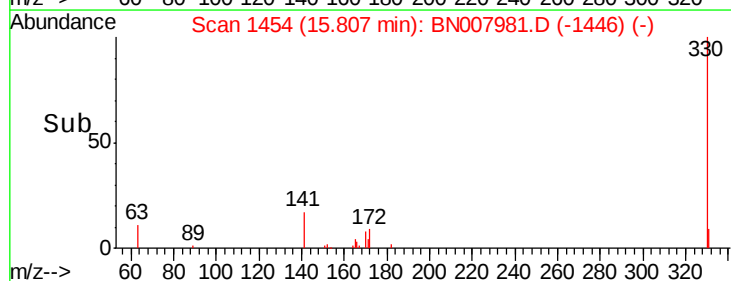
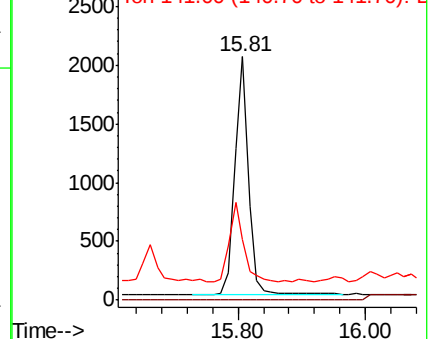
141 34.6 28.7 43.1



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

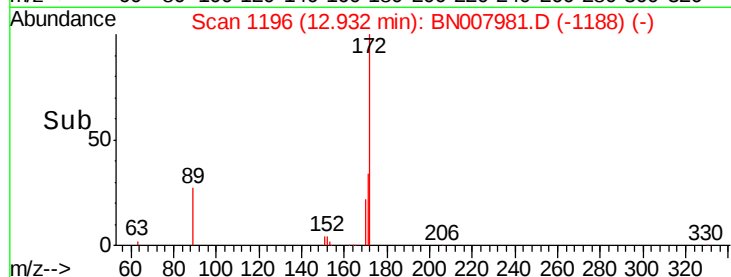
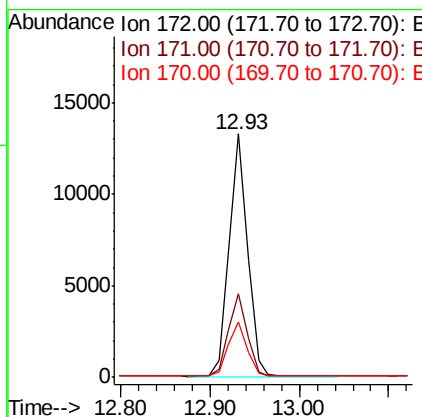
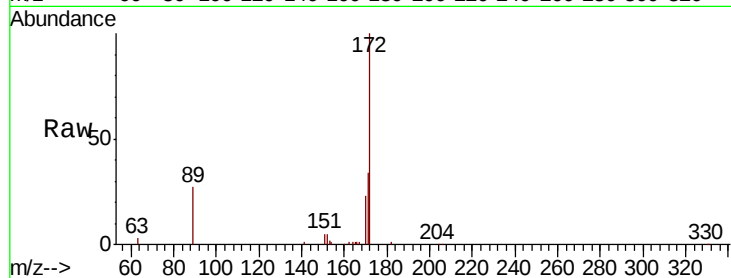




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

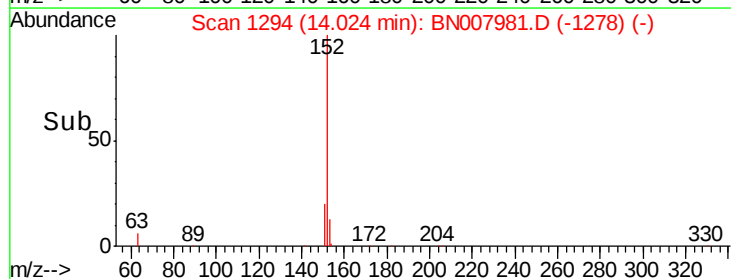
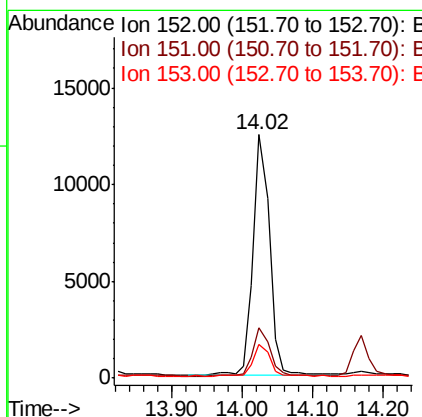
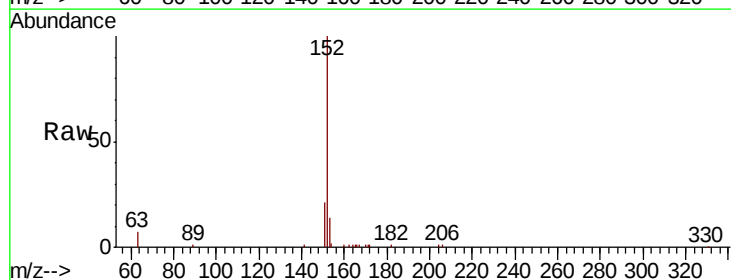
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 18900
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 22.6 19.5 29.3



#16
Acenaphthylene
Concen: 0.254 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:152 Resp: 19687
Ion Ratio Lower Upper
152 100
151 21.1 15.5 23.3
153 13.6 10.4 15.6





#17

Acenaphthene

Concen: 0.234 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

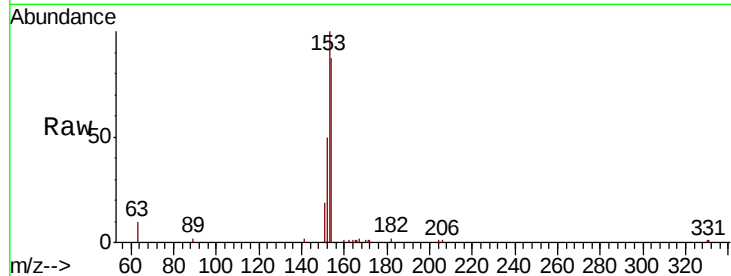
Tot Ion:154 Resp: 11679

Ion Ratio Lower Upper

154 100

153 112.7 87.0 130.4

152 53.1 42.7 64.1

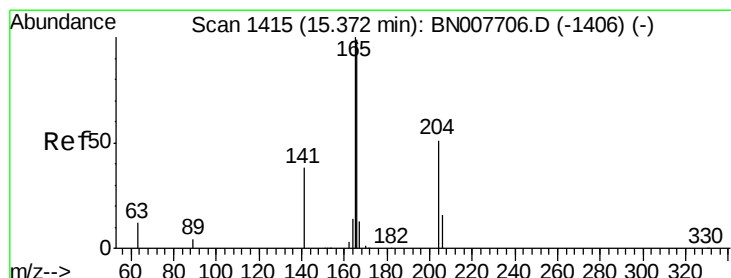
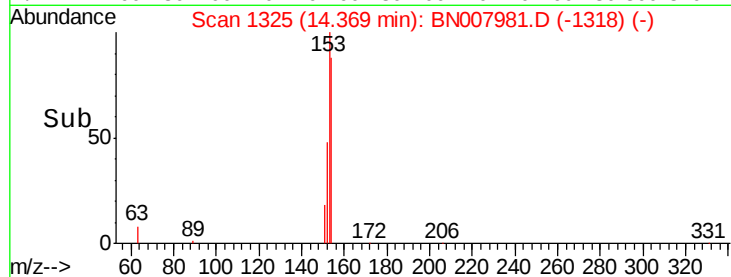
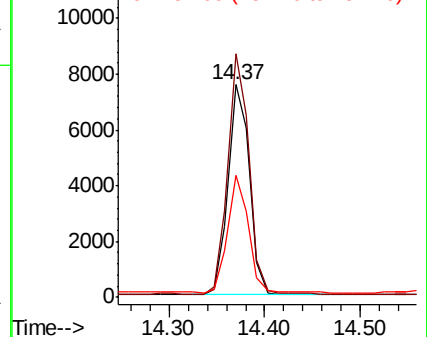


Abundance

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: 0.256 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

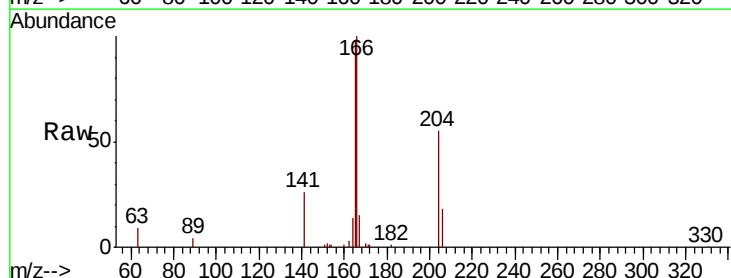
Tgt Ion:166 Resp: 16424

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

167 14.2 10.9 16.3

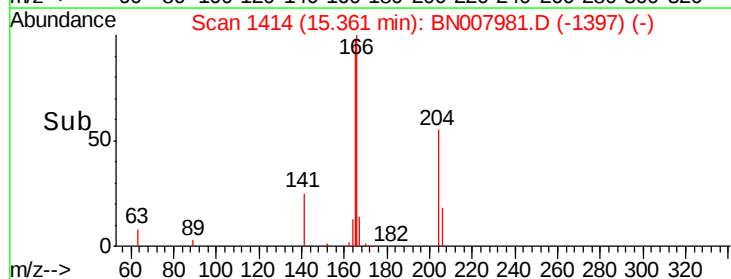
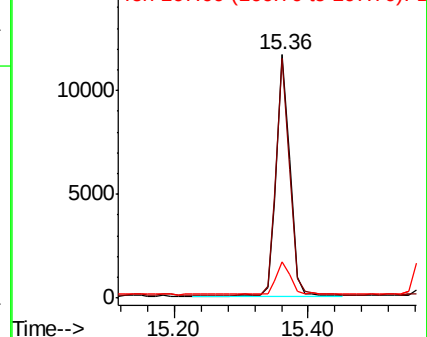


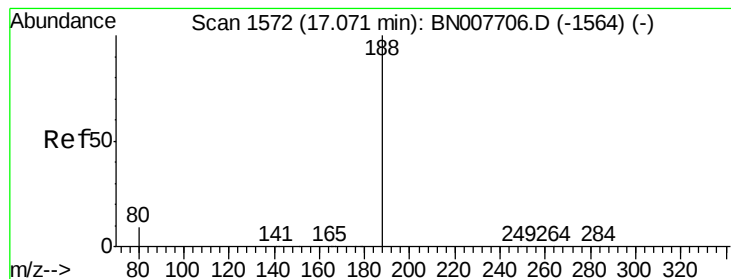
Abundance

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

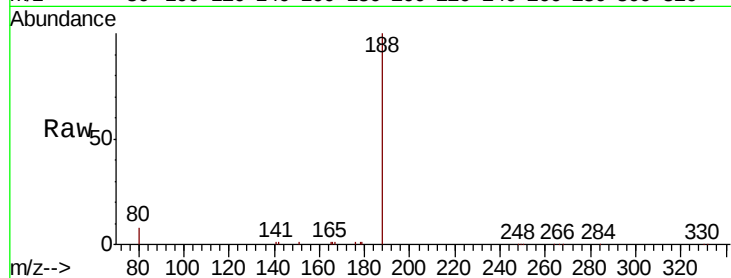
Tot Ion:188 Resp: 31232

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

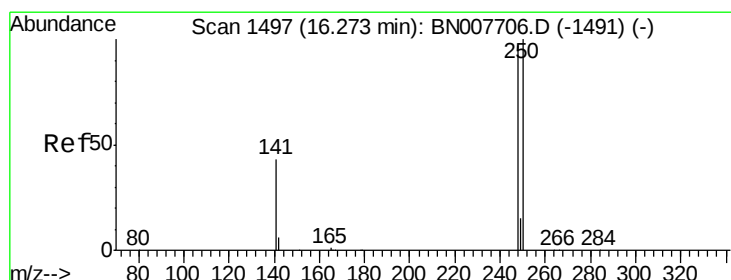
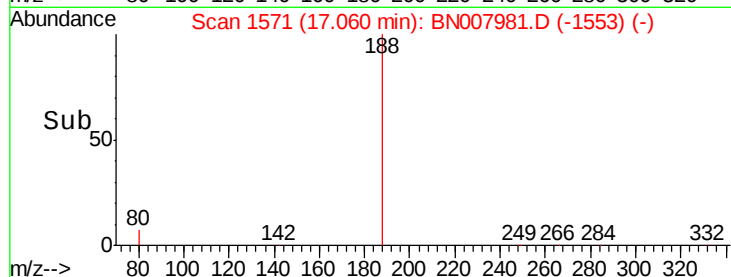
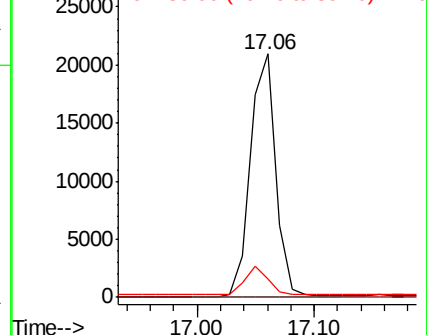
80 7.8 7.4 11.2



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: 0.296 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

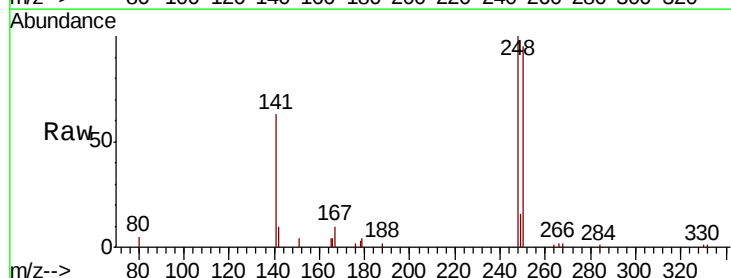
Tgt Ion:248 Resp: 5610

Ion Ratio Lower Upper

248 100

250 95.3 82.2 123.4

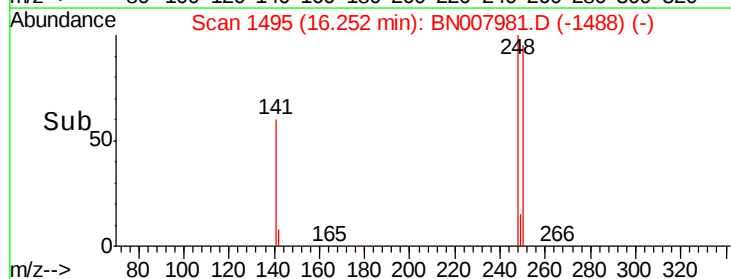
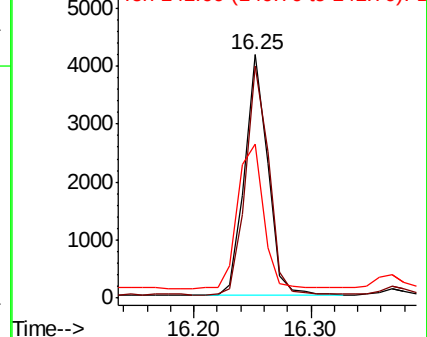
141 63.2 36.3 54.5#

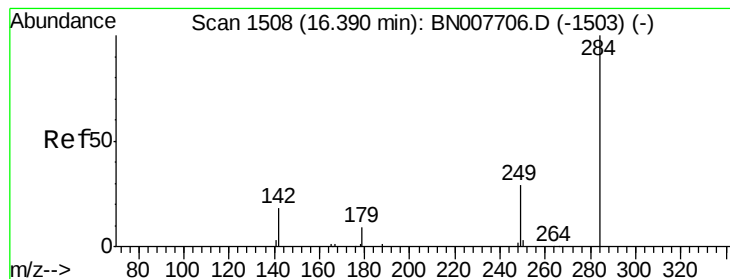


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.284 ng

RT: 16.37 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

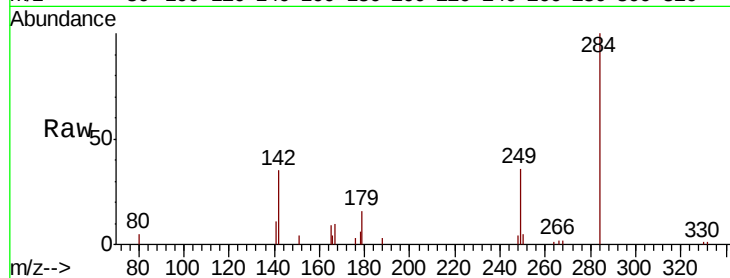
Tot Ion:284 Resp: 5894

Ion Ratio Lower Upper

284 100

142 30.4 25.8 38.6

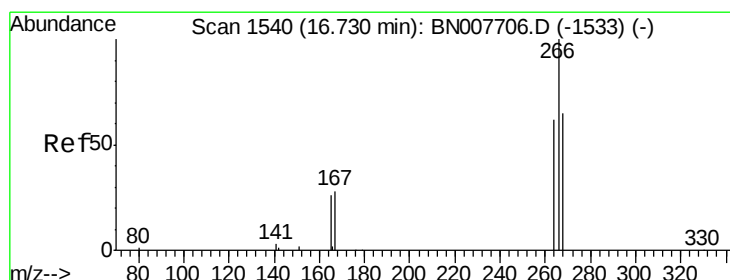
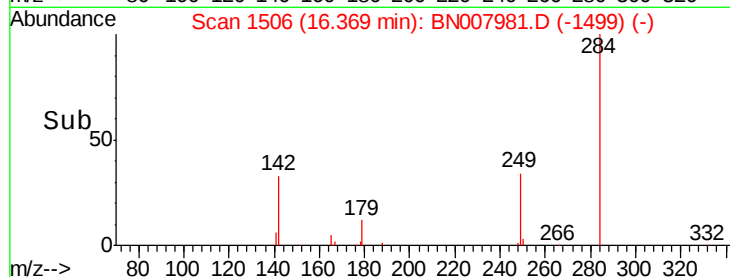
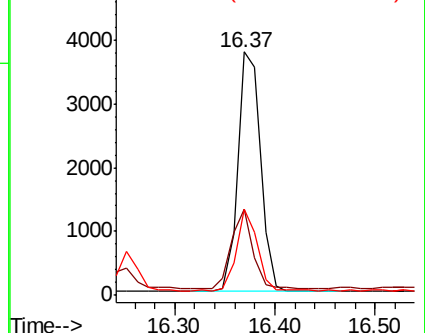
249 31.5 25.9 38.9



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: 0.505 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

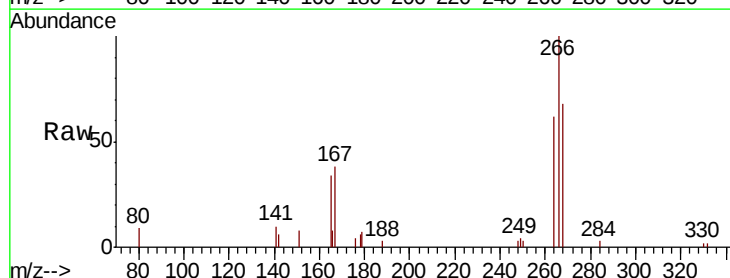
Tgt Ion:266 Resp: 3860

Ion Ratio Lower Upper

266 100

264 61.6 50.0 75.0

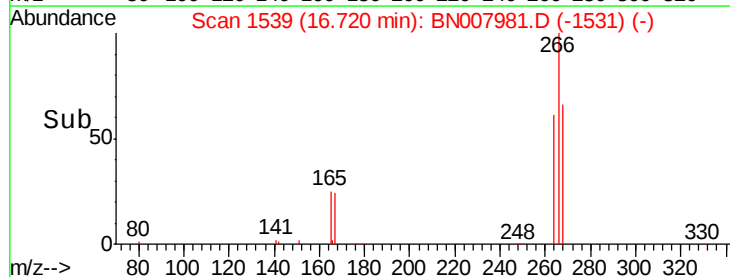
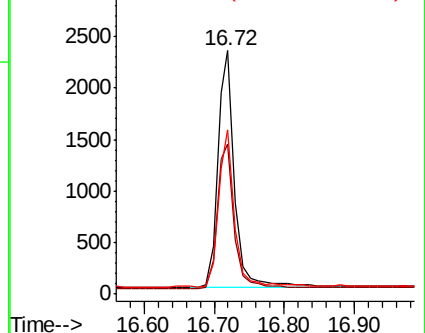
268 67.5 54.2 81.4

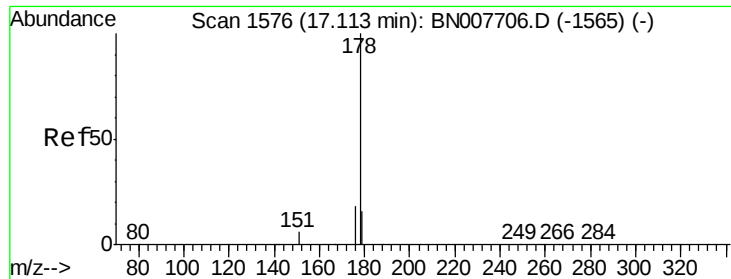


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.317 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

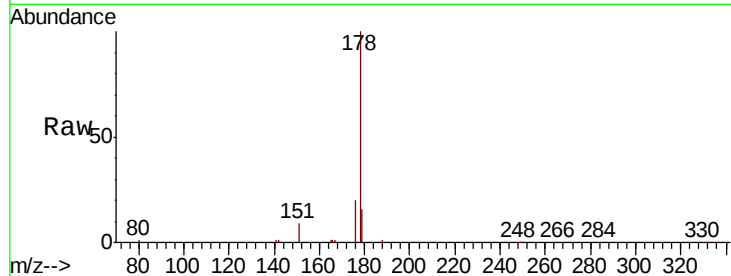
Tot Ion:178 Resp: 30886

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

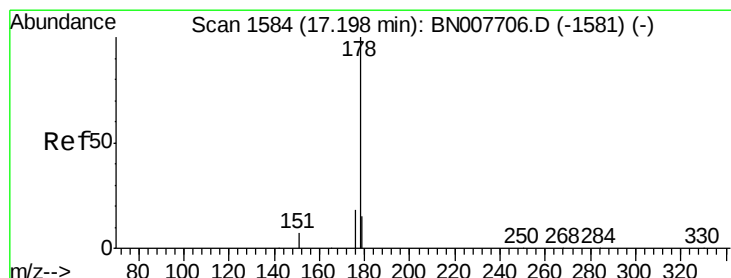
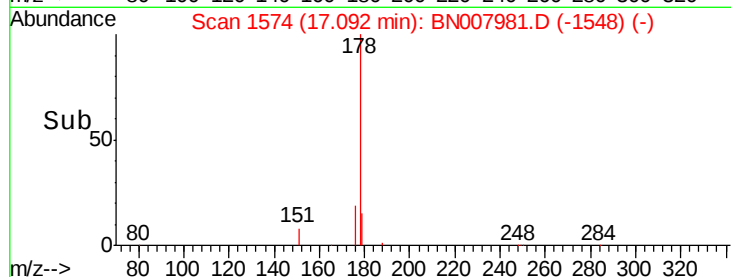
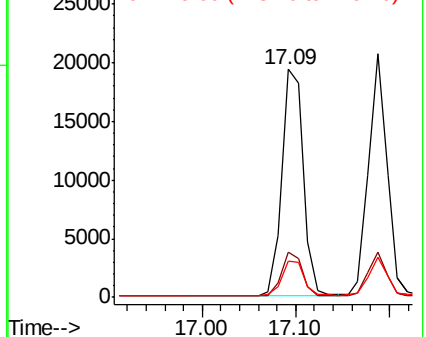
179 16.0 12.5 18.7



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: 0.323 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

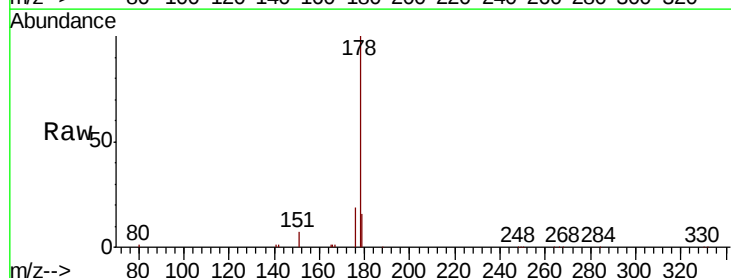
Tgt Ion:178 Resp: 28420

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

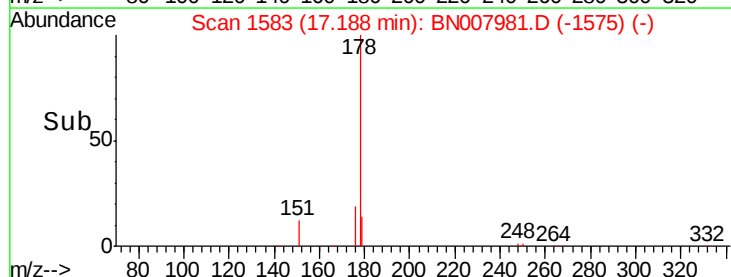
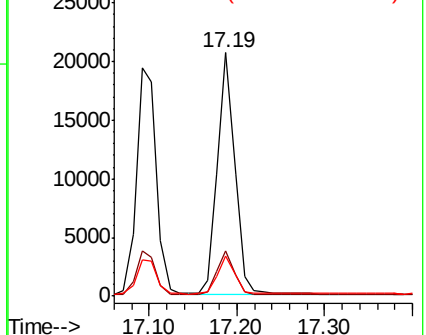
179 15.1 12.2 18.4

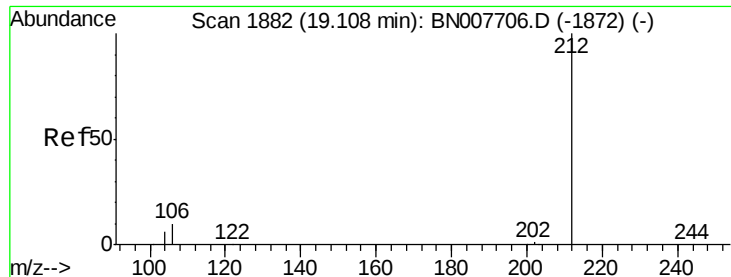


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

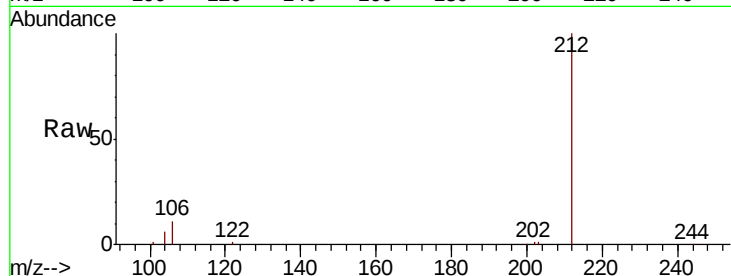
Tot Ion:212 Resp: 44244

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

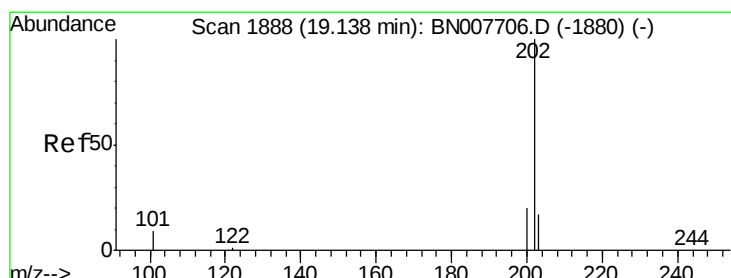
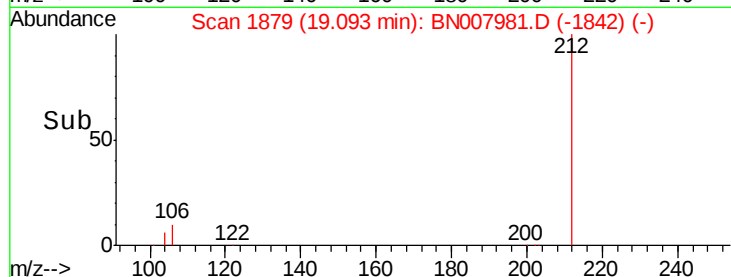
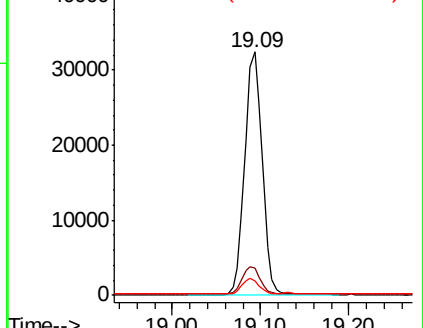
104 6.4 5.3 7.9



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: 0.338 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

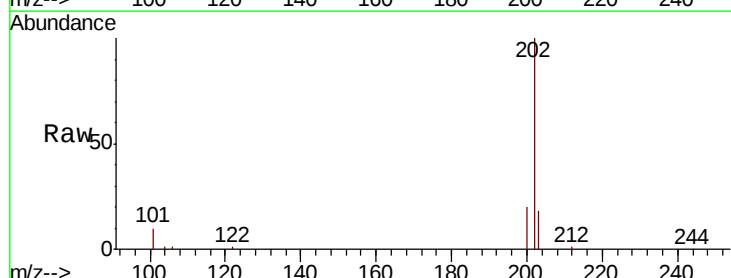
Tgt Ion:202 Resp: 40845

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

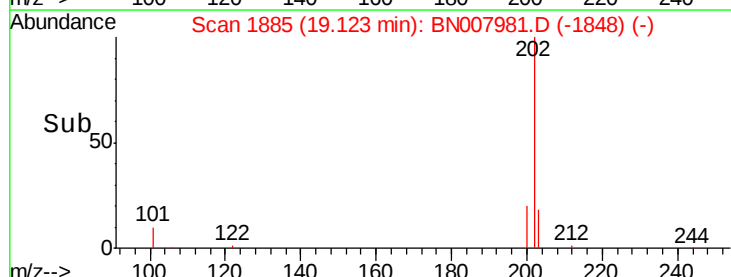
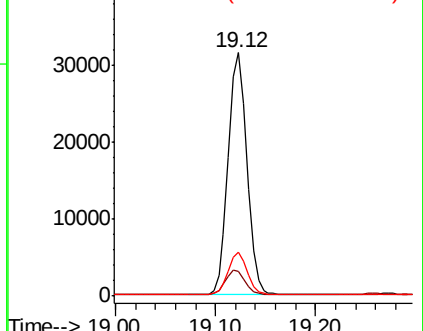
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

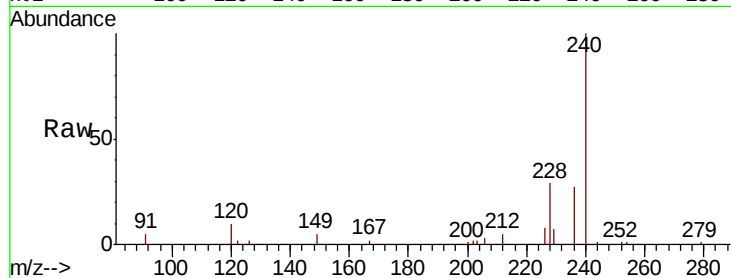
Tot Ion:240 Resp: 33312

Ion Ratio Lower Upper

240 100

120 9.8 5.4 8.2#

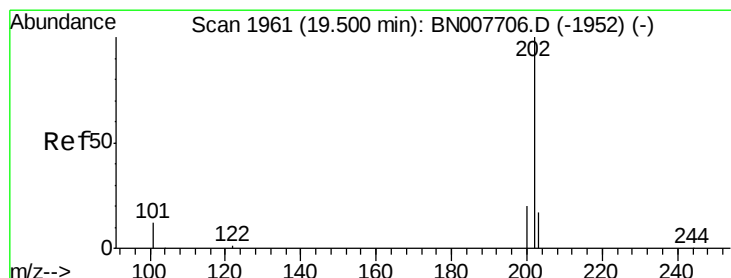
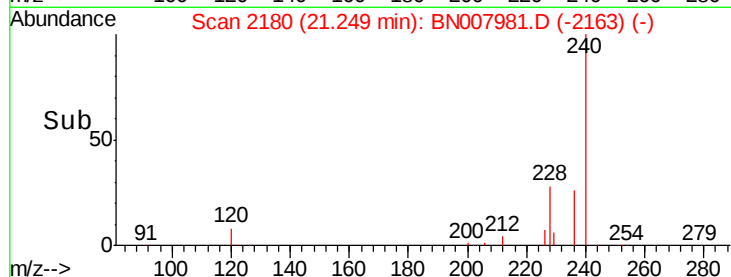
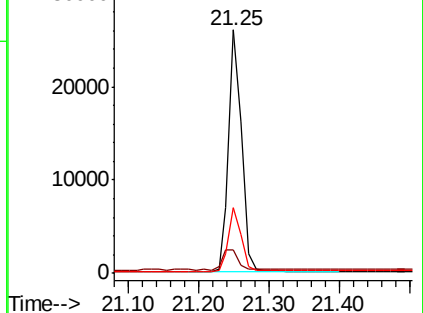
236 27.0 21.0 31.4



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: 0.361 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

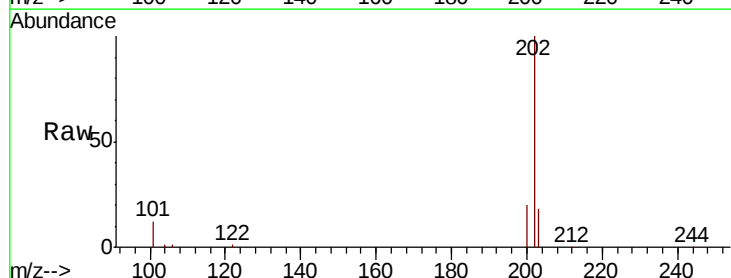
Tgt Ion:202 Resp: 41010

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

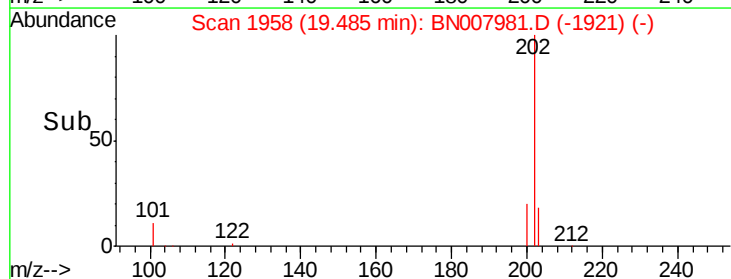
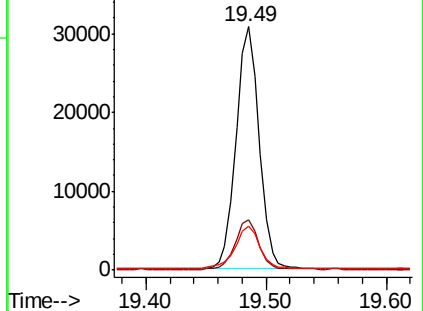
203 18.5 14.1 21.1



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: 0.490 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

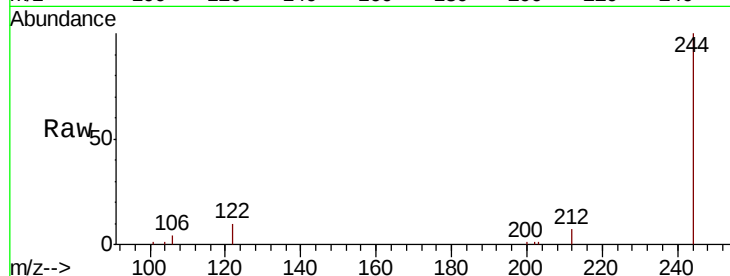
Tot Ion:244 Resp: 40080

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

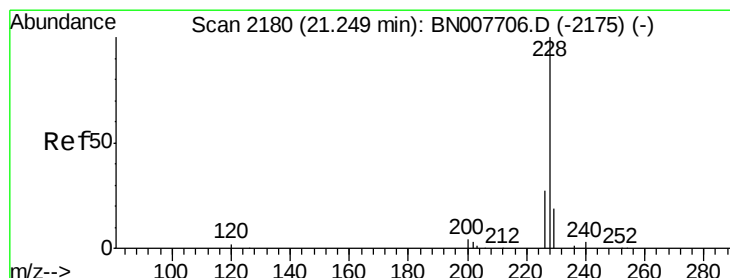
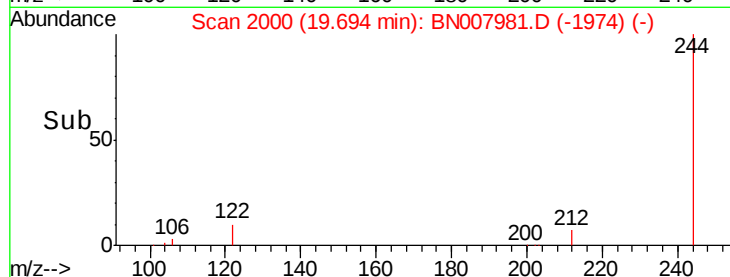
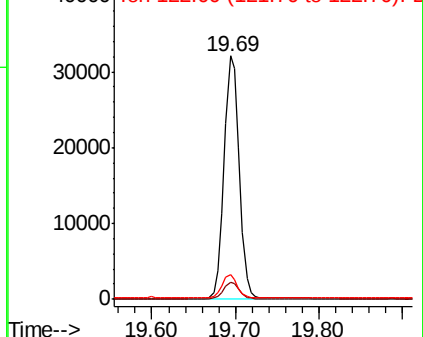
122 10.2 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.324 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

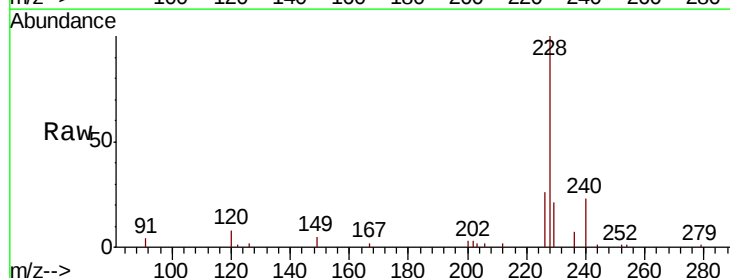
Tgt Ion:228 Resp: 39807

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

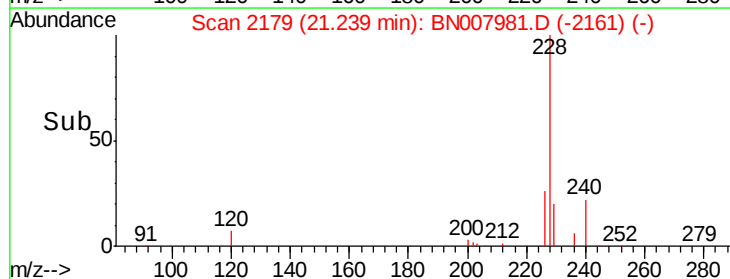
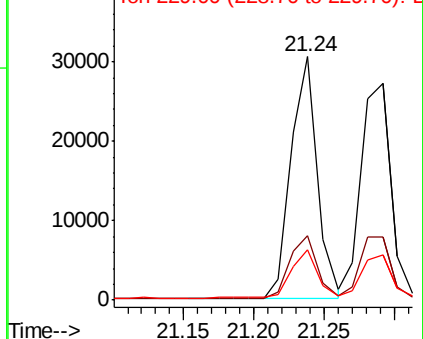
229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.335 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

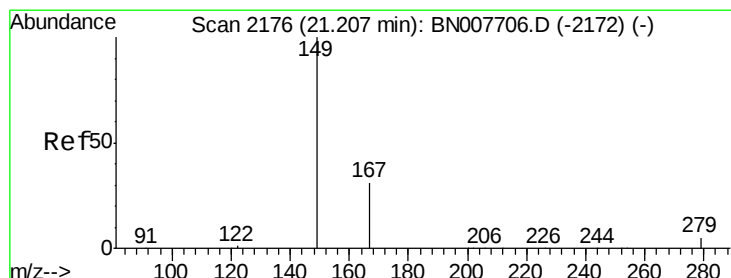
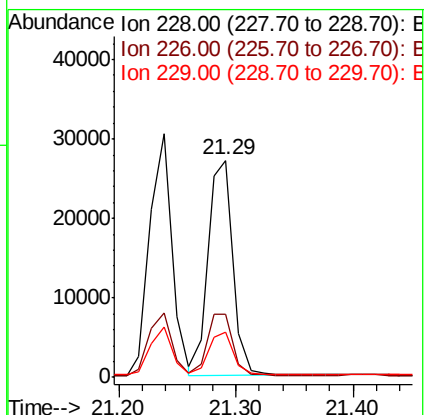
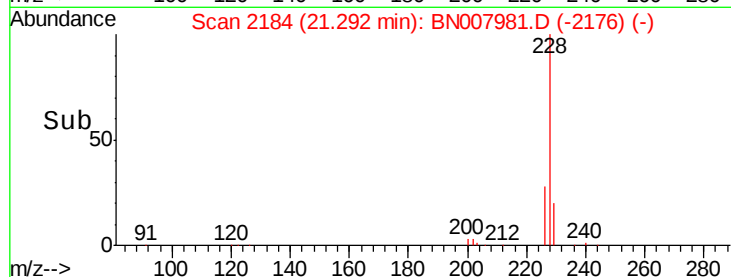
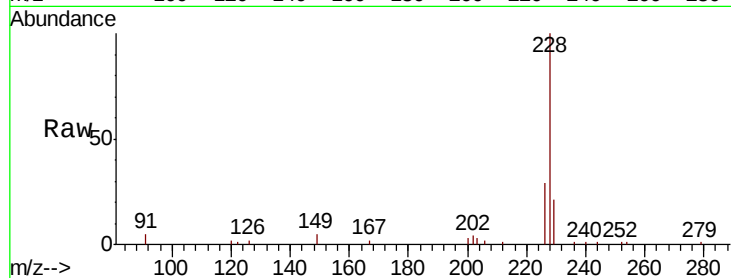
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 40055

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.1	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.444 ng

RT: 21.17 min Scan# 2173

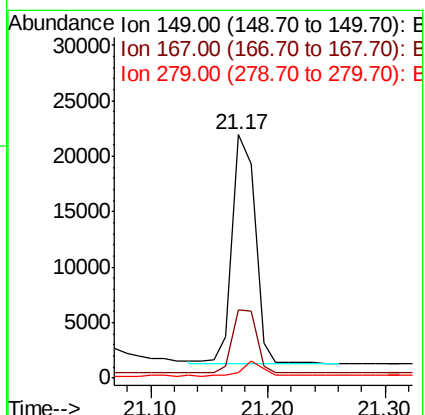
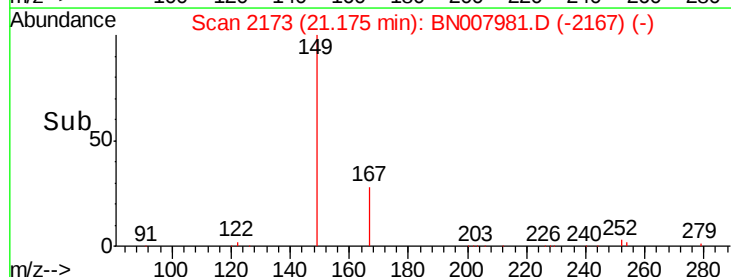
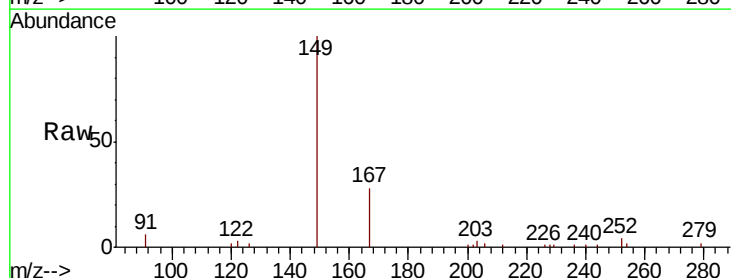
Delta R.T. -0.03 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Tgt Ion:149 Resp: 28016

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	5.4	4.2	6.2

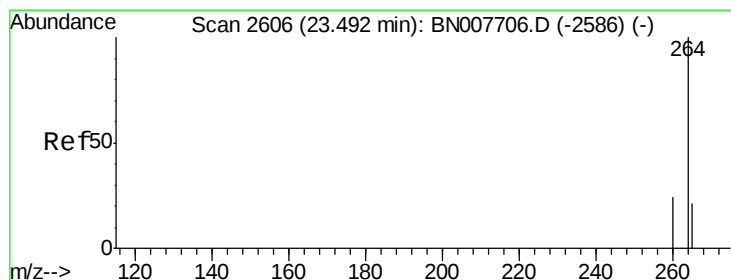
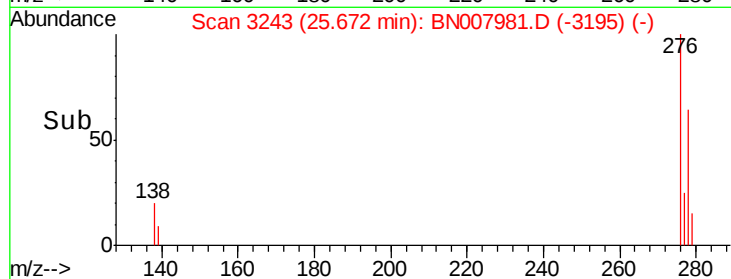
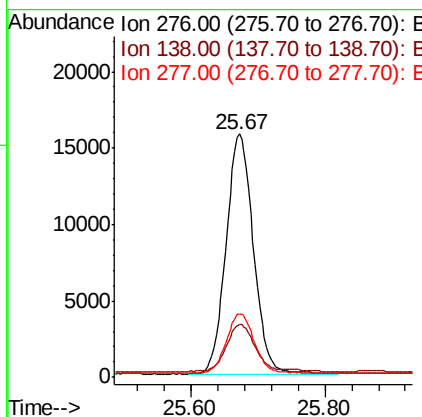
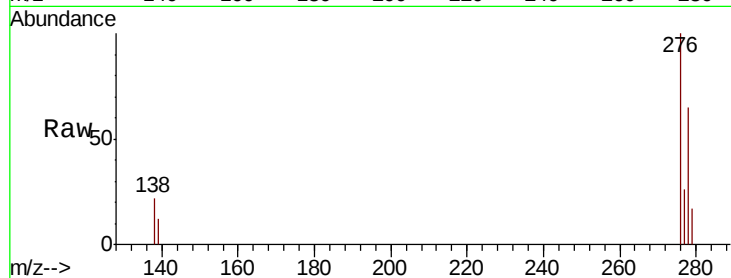




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.297 ng
 RT: 25.67 min Scan# 3243
 Delta R.T. -0.03 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

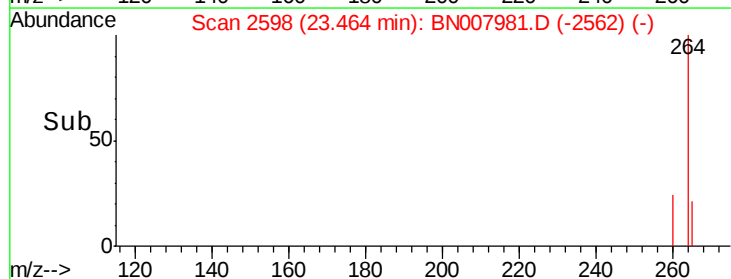
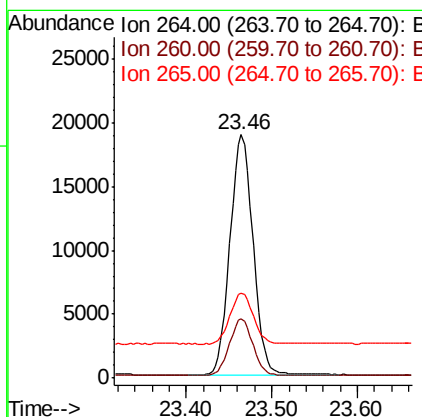
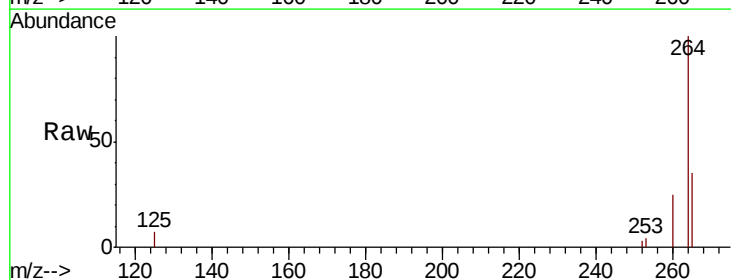
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 44437
 Ion Ratio Lower Upper
 276 100
 138 21.5 17.1 25.7
 277 24.8 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2598
 Delta R.T. -0.03 min
 Lab File: BN007981.D
 Acq: 03 Oct 2019 00:29

Tgt Ion:264 Resp: 35359
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 34.9 26.9 40.3

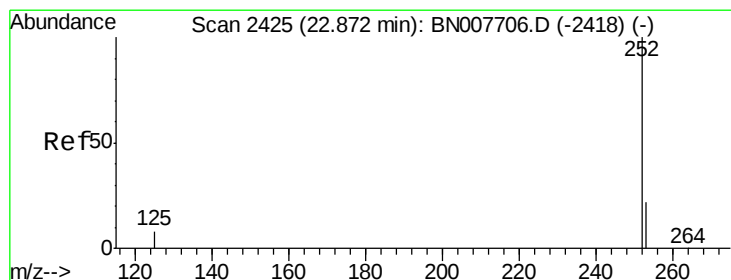
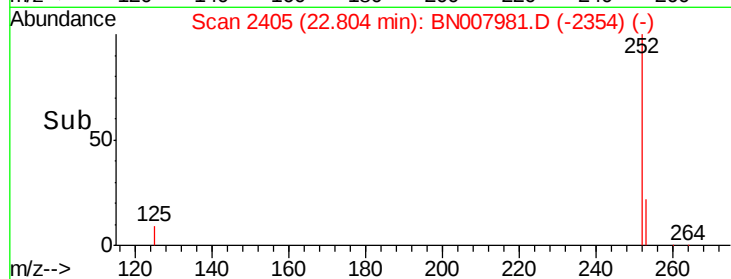
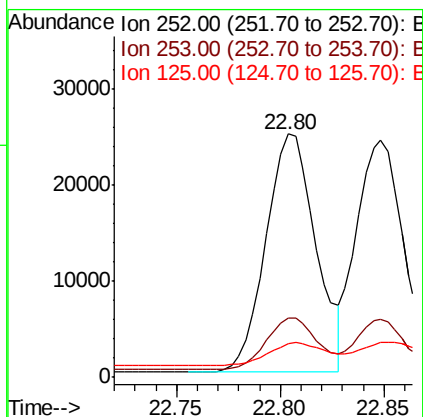
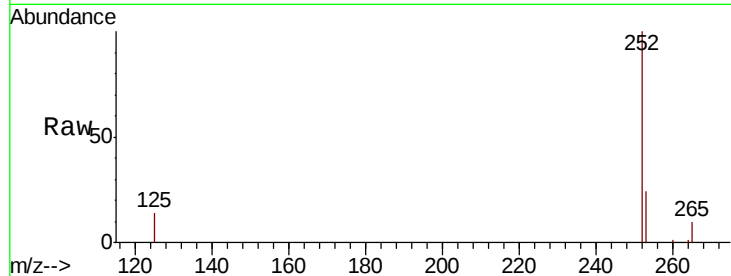




#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

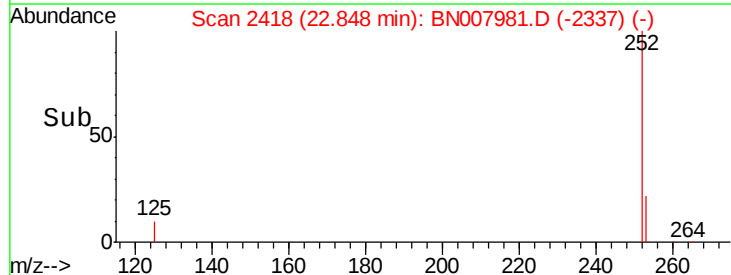
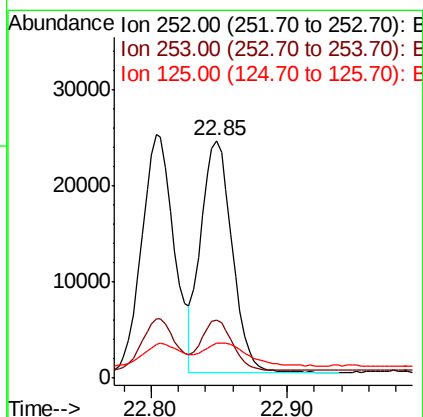
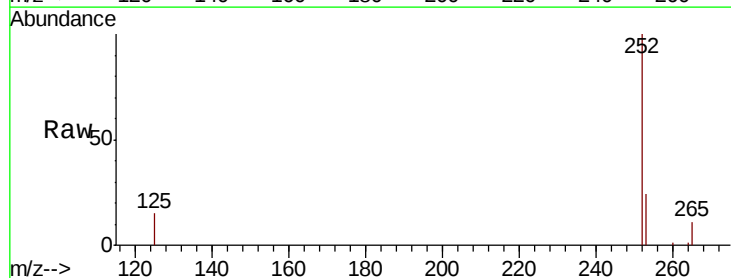
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 41474
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 13.7 8.2 12.4#



#36
Benzo(k)fluoranthene
Concen: 0.318 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:252 Resp: 38565
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 14.7 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.331 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :

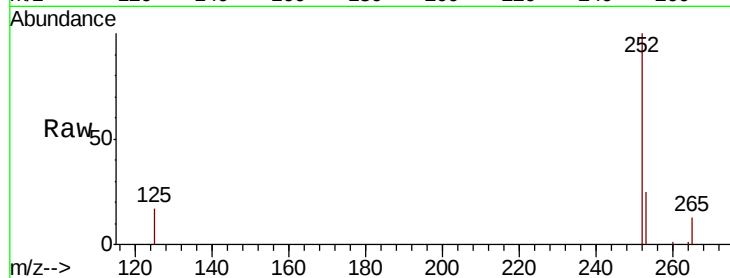
Tot Ion:252 Resp: 38177

Ion Ratio Lower Upper

252 100

253 25.4 18.6 27.8

125 17.0 9.4 14.0#

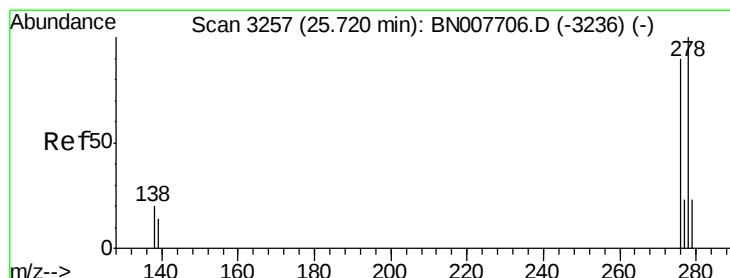
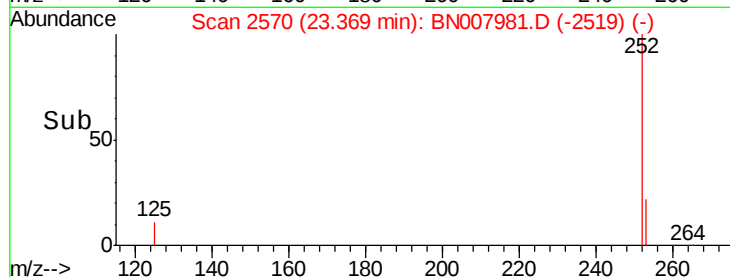
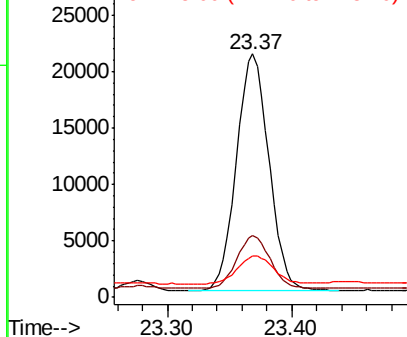


Abundance

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: 0.306 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

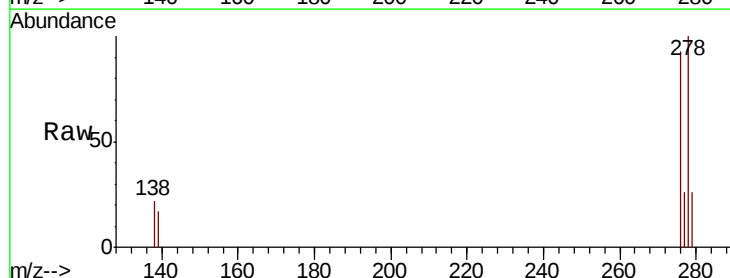
Tgt Ion:278 Resp: 36107

Ion Ratio Lower Upper

278 100

139 16.7 11.8 17.6

279 25.9 19.4 29.2

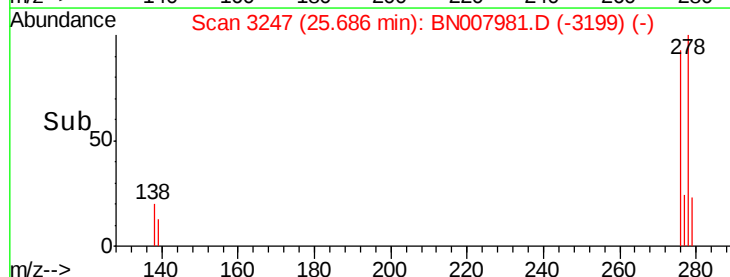
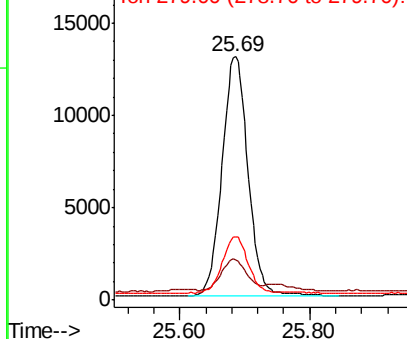


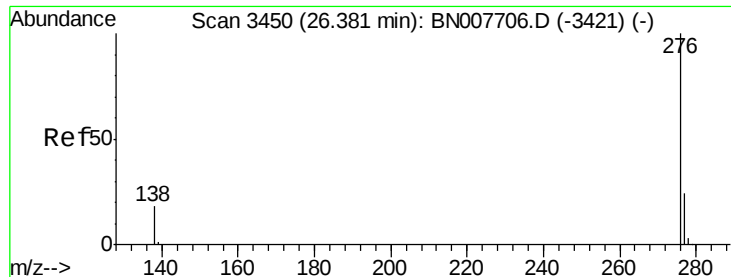
Abundance

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: 0.322 ng

RT: 26.34 min Scan# 3439

Delta R.T. -0.04 min

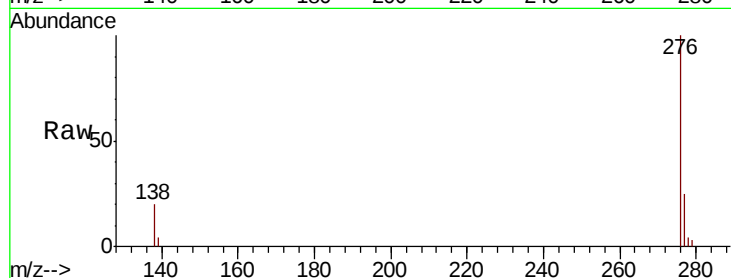
Lab File: BN007981.D

Acq: 03 Oct 2019 00:29

Instrument :

BNA_N

ClientSampleId :



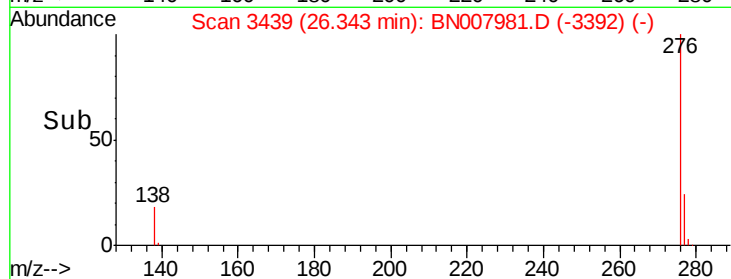
Tot Ion: 276 Resp: 37640

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 20.2 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

