

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
 Data File : BN005016.D
 Acq On : 28 Mar 2019 17:27
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

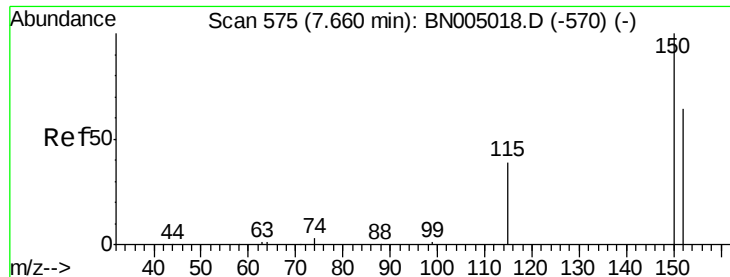
Quant Time: Mar 29 03:22:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2648	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	10778	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	6547	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	16523	0.40	ng	0.00
27) Chrysene-d12	21.26	240	19215	0.40	ng	0.00
34) Perylene-d12	23.50	264	19120	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	616	0.09	ng	0.00
5) Phenol-d6	6.86	99	685	0.08	ng	0.00
8) Nitrobenzene-d5	8.84	82	547	0.08	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	1559	0.08	ng	0.01
14) 2,4,6-Tribromophenol	15.83	330	312	0.07	ng	0.01
15) 2-Fluorobiphenyl	12.93	172	2378	0.09	ng	0.01
25) Fluoranthene-d10	19.10	212	4389	0.08	ng	0.00
29) Terphenyl-d14	19.70	244	4547	0.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	318	0.106	ng	92
3) n-Nitrosodimethylamine	3.56	42	119	0.067	ng	# 94
6) bis(2-Chloroethyl)ether	7.10	93	656	0.081	ng	99
9) Naphthalene	10.49	128	2614	0.086	ng	# 92
10) Hexachlorobutadiene	10.76	225	501	0.087	ng	# 100
12) 2-Methylnaphthalene	12.12	142	1831	0.082	ng	97
16) Acenaphthylene	14.03	152	2708	0.080	ng	99
17) Acenaphthene	14.37	154	1865	0.084	ng	100
18) Fluorene	15.37	166	2504	0.081	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	854	0.079	ng	# 86
21) Hexachlorobenzene	16.36	284	971	0.079	ng	100
22) Pentachlorophenol	16.76	266	194	0.080	ng	# 81
23) Phenanthrene	17.10	178	4371	0.082	ng	99
24) Anthracene	17.20	178	3596	0.075	ng	100
26) Fluoranthene	19.13	202	5455	0.080	ng	100
28) Pyrene	19.50	202	5593	0.095	ng	100
30) Benzo(a)anthracene	21.25	228	5491	0.087	ng	98
31) Chrysene	21.30	228	6383	0.096	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2163	0.086	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.76	276	6197	0.065	ng	99
35) Benzo(b)fluoranthene	22.83	252	5823	0.084	ng	# 87
36) Benzo(k)fluoranthene	22.87	252	5917	0.087	ng	# 86
37) Benzo(a)pyrene	23.40	252	5047	0.080	ng	# 80
38) Dibenzo(a,h)anthracene	25.77	278	5043	0.069	ng	# 88
39) Benzo(g,h,i)perylene	26.46	276	5214	0.070	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

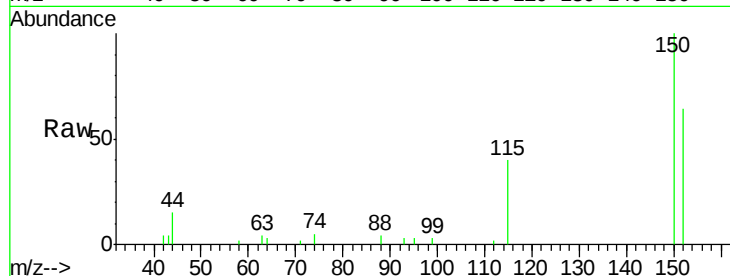
Tgt Ion:152 Resp: 2648

Ion Ratio Lower Upper

152 100

150 156.2 123.4 185.2

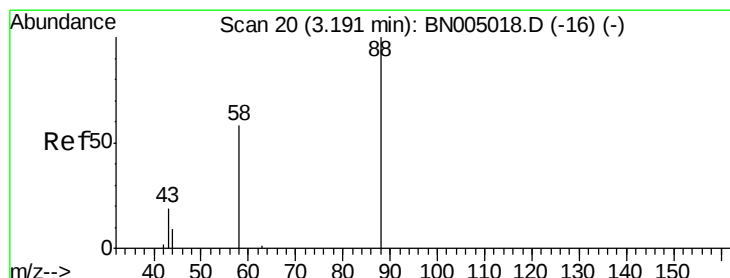
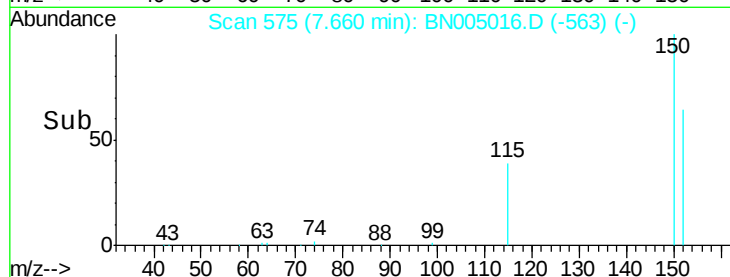
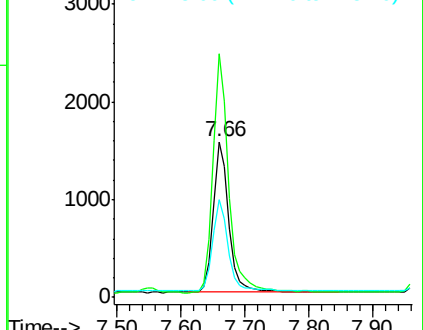
115 62.8 50.0 75.0



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: 0.106 ng

RT: 3.19 min Scan# 20

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

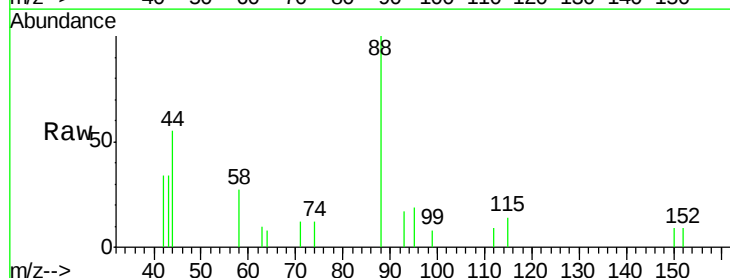
Tgt Ion: 88 Resp: 318

Ion Ratio Lower Upper

88 100

58 58.8 52.8 79.2

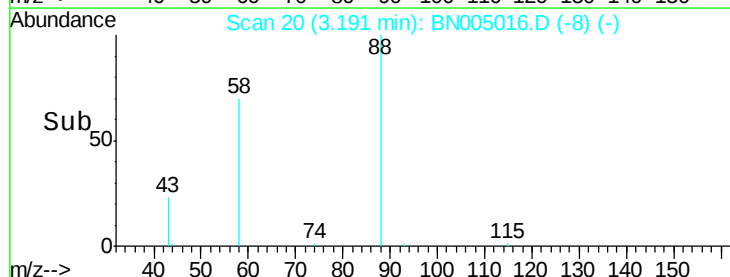
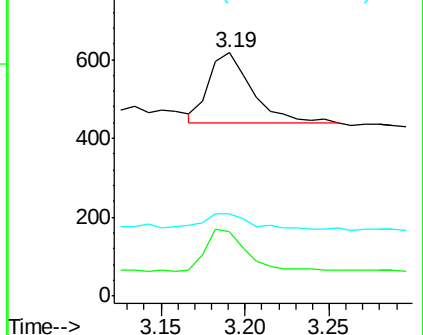
43 22.0 19.6 29.4

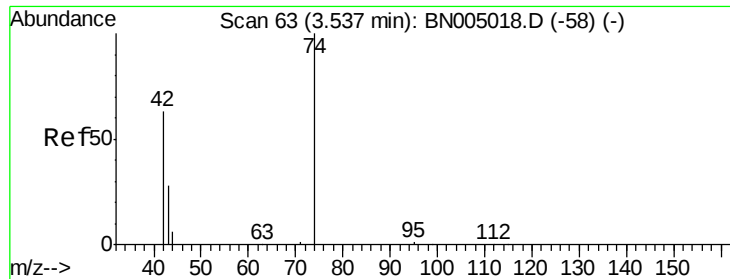


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.067 ng

RT: 3.56 min Scan# 66

Delta R.T. 0.02 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

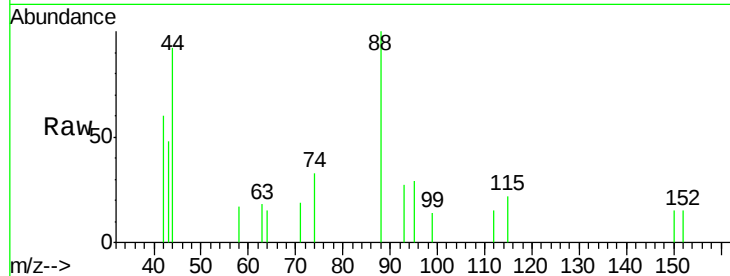
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

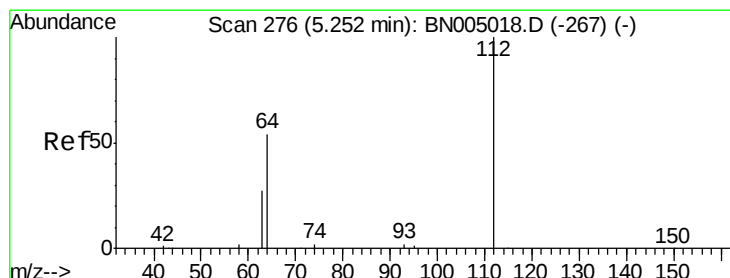
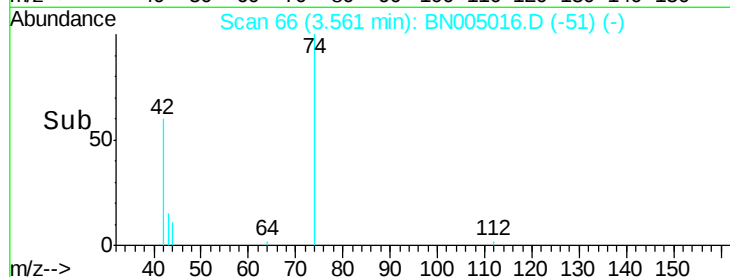
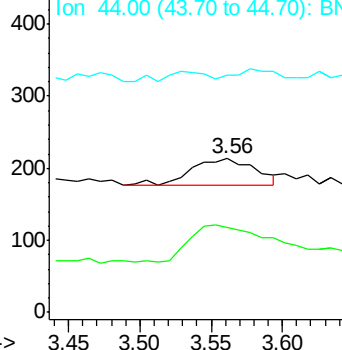
42 100

74 156.3 129.1 193.7

44 0.0 11.6 17.4#



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: 0.086 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

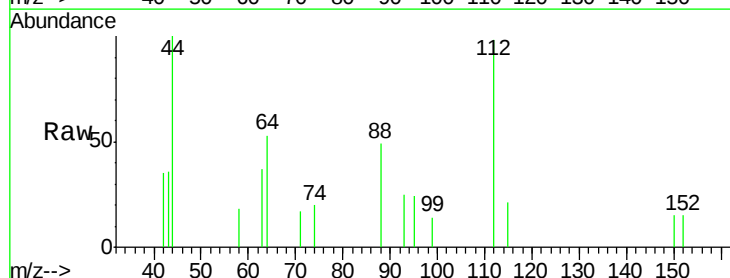
Tgt Ion: 112 Resp: 616

Ion Ratio Lower Upper

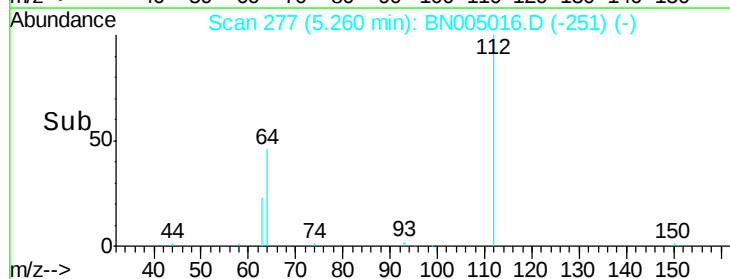
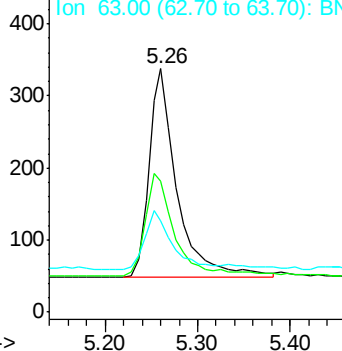
112 100

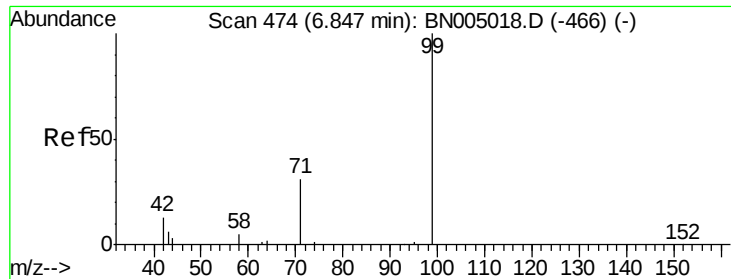
64 52.4 41.9 62.9

63 30.8 21.5 32.3



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





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

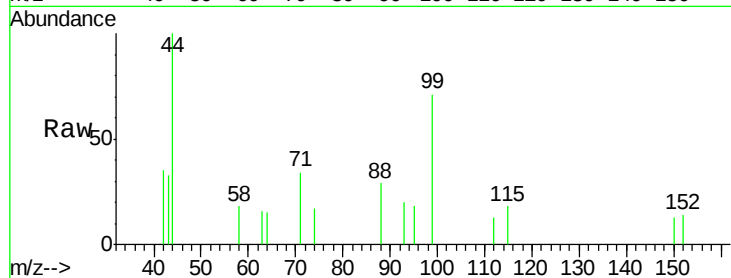
Tgt Ion: 99 Resp: 685

Ion Ratio Lower Upper

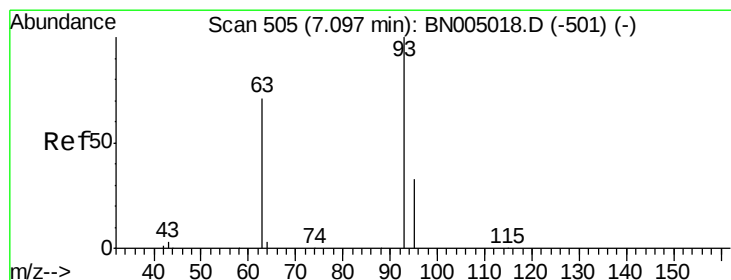
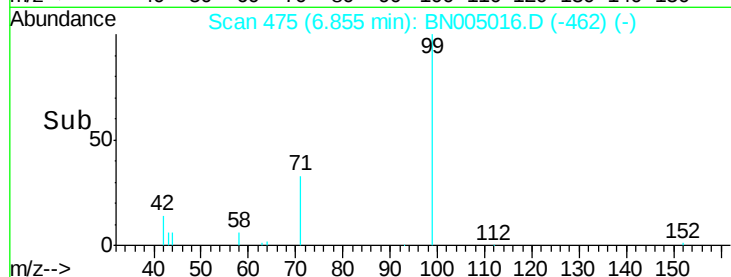
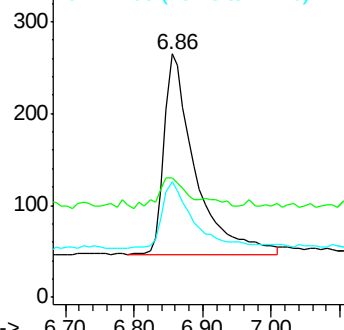
99 100

42 14.5 12.2 18.2

71 33.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

RT: 7.10 min Scan# 506

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

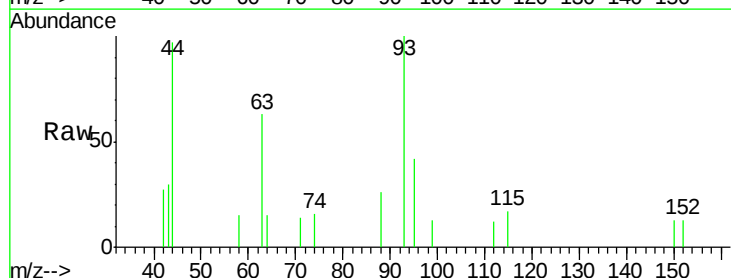
Tgt Ion: 93 Resp: 656

Ion Ratio Lower Upper

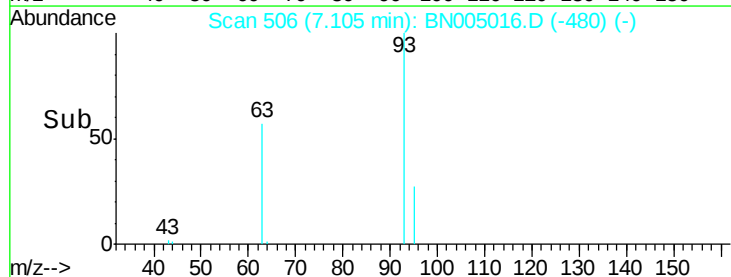
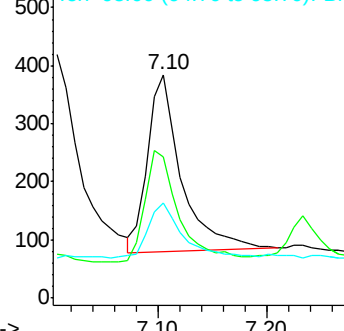
93 100

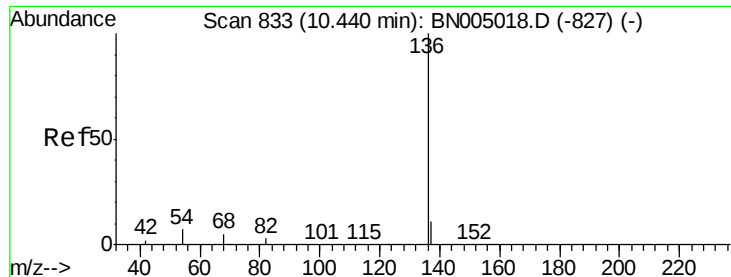
63 64.9 51.8 77.6

95 31.6 24.8 37.2



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 10778

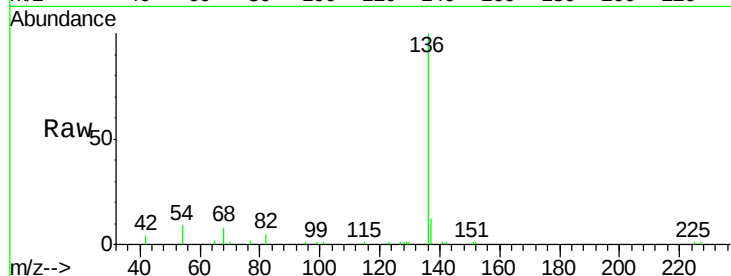
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 8.8 6.0 9.0

68 7.6 5.0 7.6

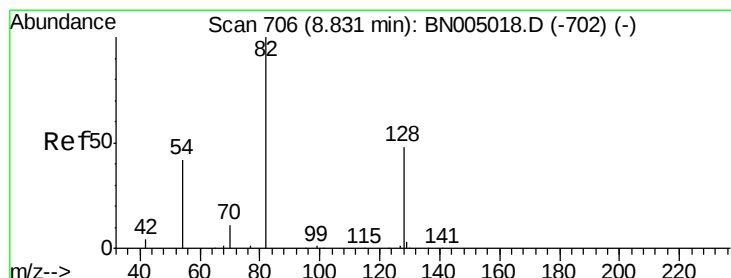
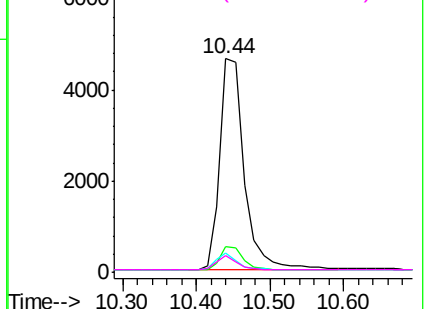
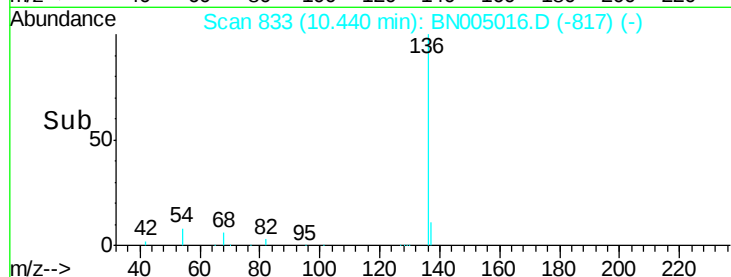


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.077 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

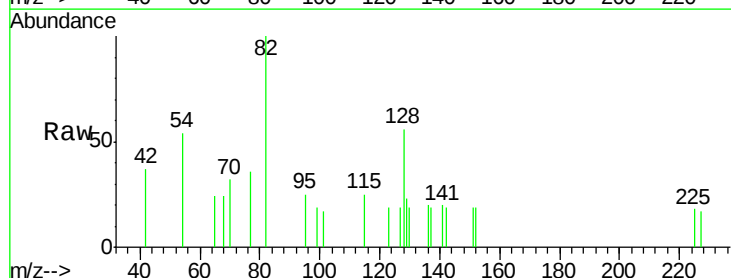
Tgt Ion: 82 Resp: 547

Ion Ratio Lower Upper

82 100

128 55.5 40.5 60.7

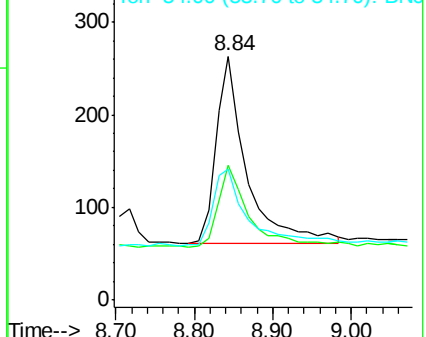
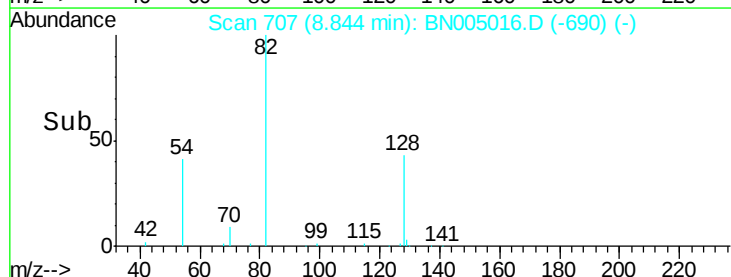
54 53.6 35.7 53.5#

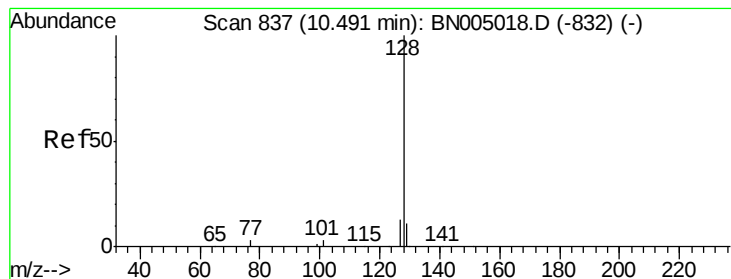


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.086 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

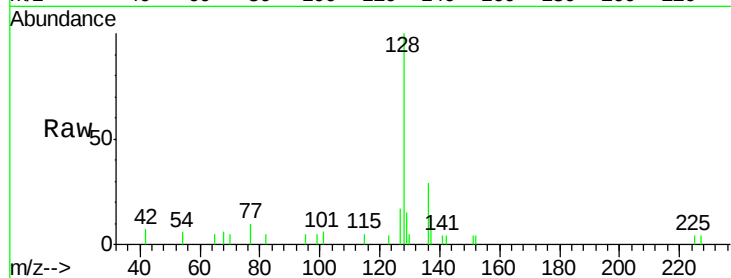
Tgt Ion:128 Resp: 2614

Ion Ratio Lower Upper

128 100

129 14.7 9.4 14.2#

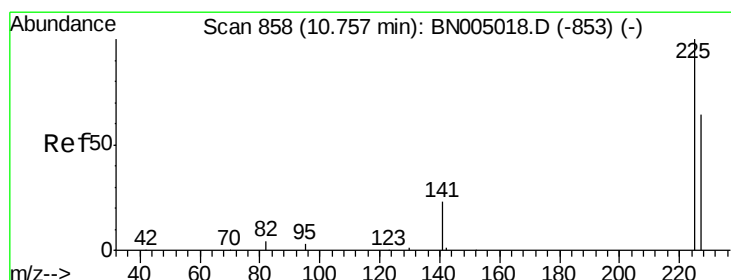
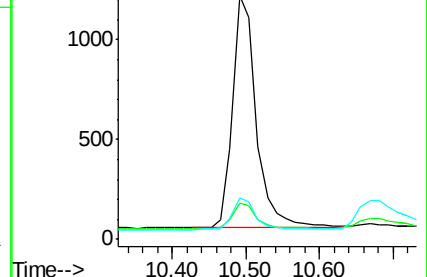
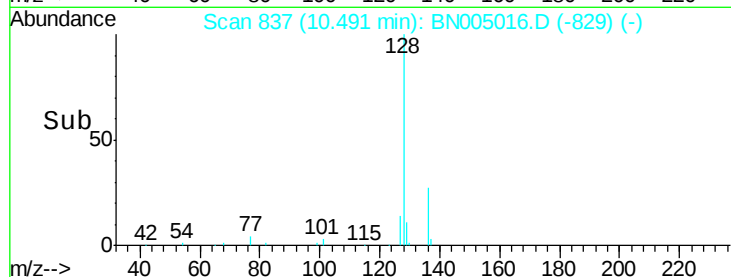
127 17.2 11.0 16.6#



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: 0.087 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

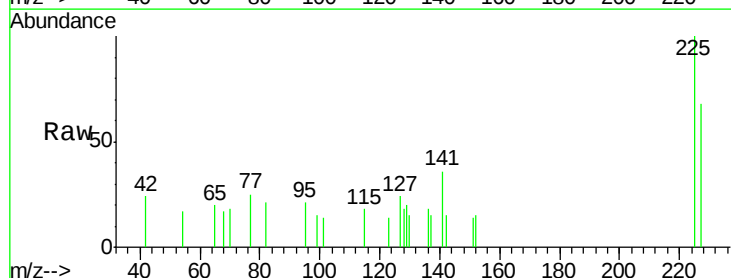
Tgt Ion:225 Resp: 501

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

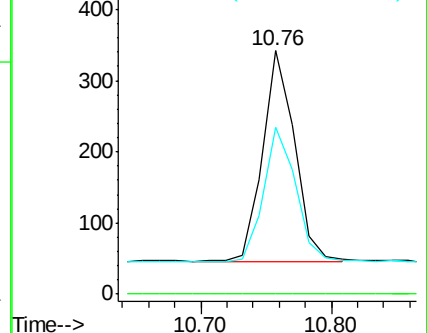
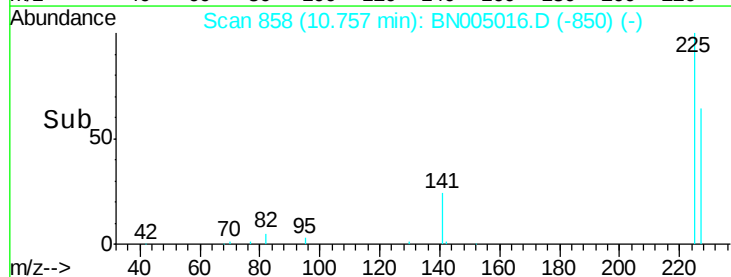
227 64.7 51.5 77.3

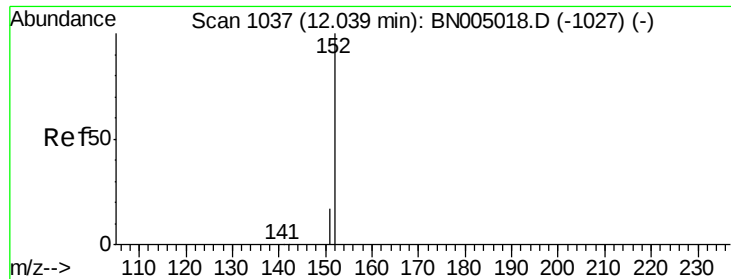


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

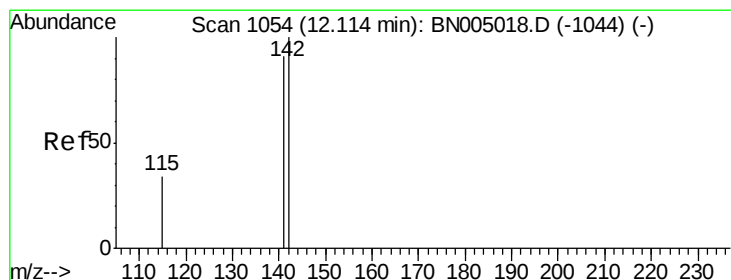
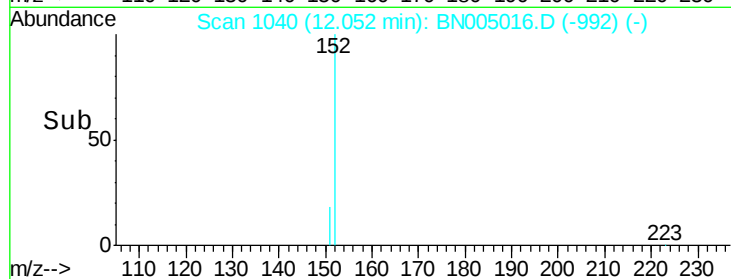
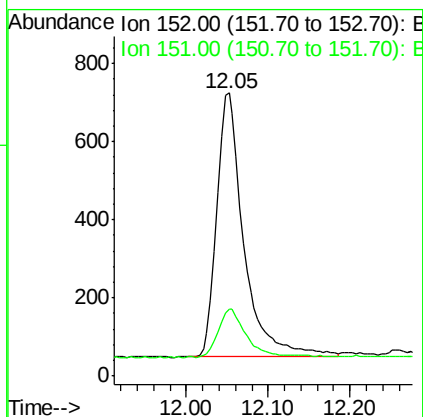
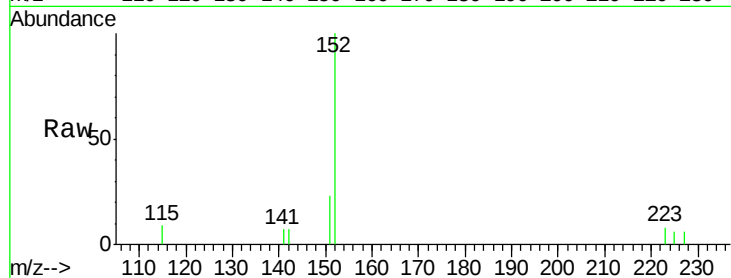




#11
 2-Methylnaphthalene-d10
 Concen: 0.083 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BN005016.D
 Acq: 28 Mar 2019 17:27

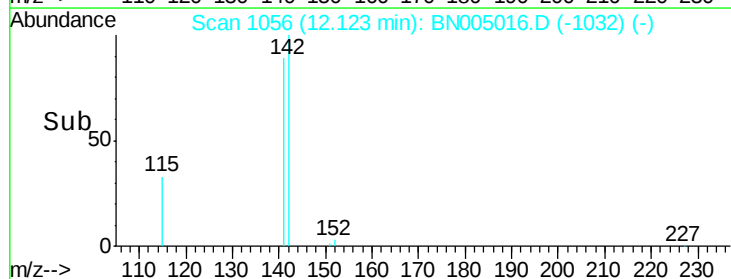
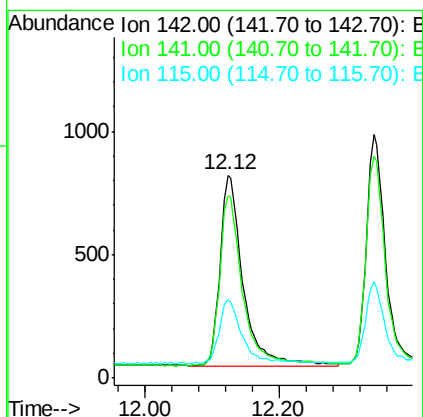
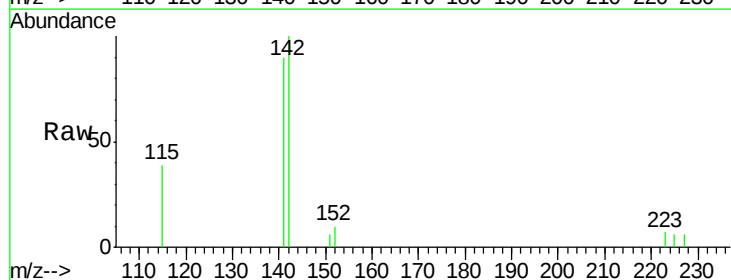
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

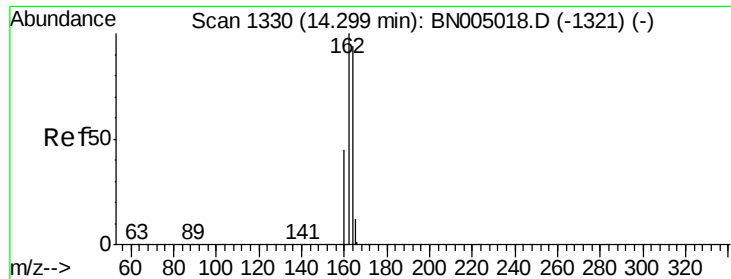
Tgt Ion:152 Resp: 1559
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.082 ng
 RT: 12.12 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BN005016.D
 Acq: 28 Mar 2019 17:27

Tgt Ion:142 Resp: 1831
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.6 108.8
 115 38.8 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

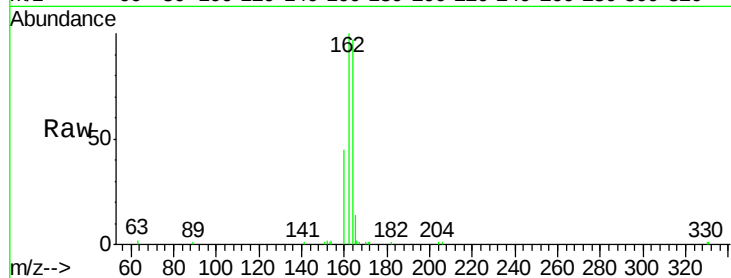
Tgt Ion:164 Resp: 6547

Ion Ratio Lower Upper

164 100

162 102.7 85.3 127.9

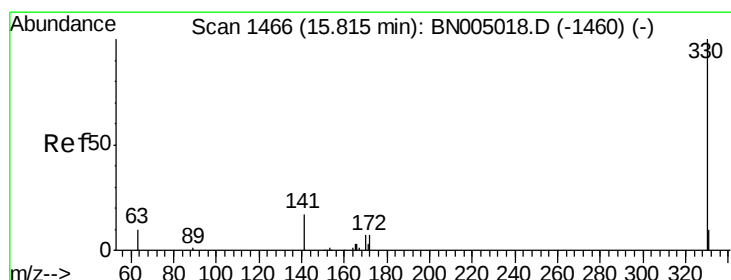
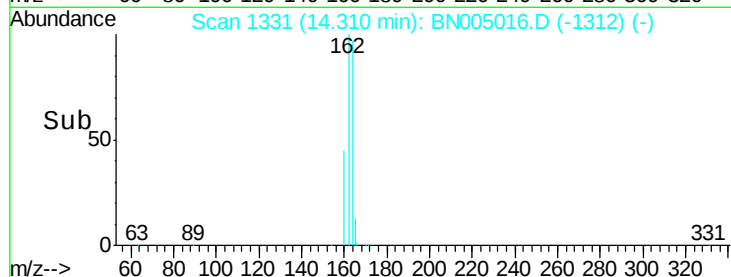
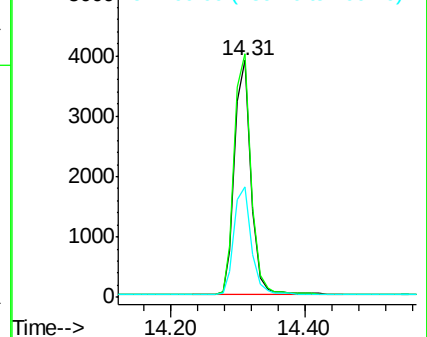
160 46.4 39.2 58.8



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: 0.069 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

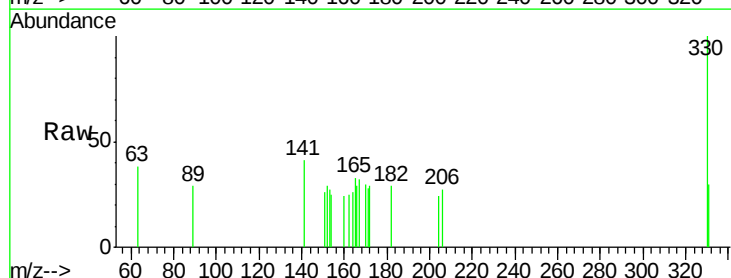
Tgt Ion:330 Resp: 312

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

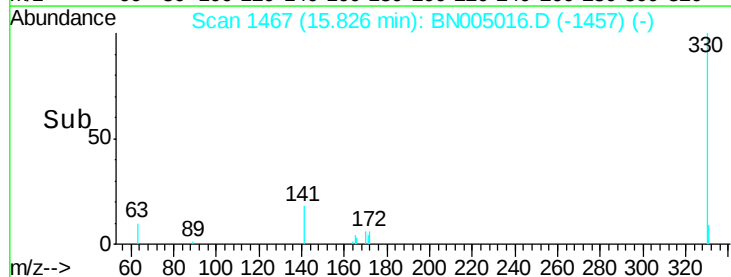
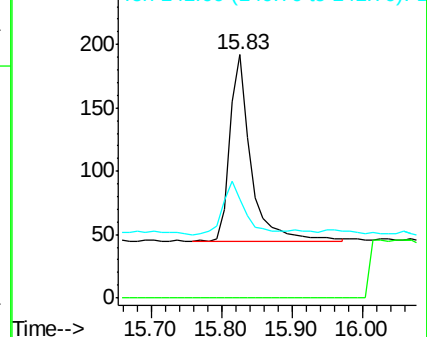
141 30.1 21.3 31.9

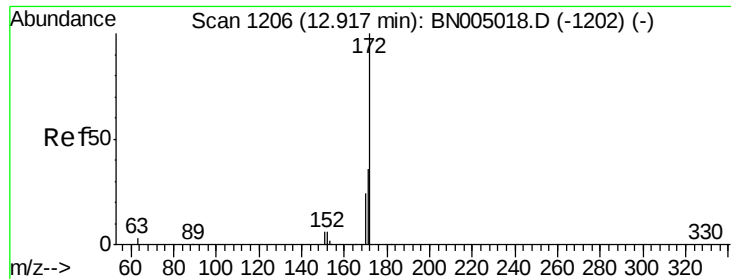


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

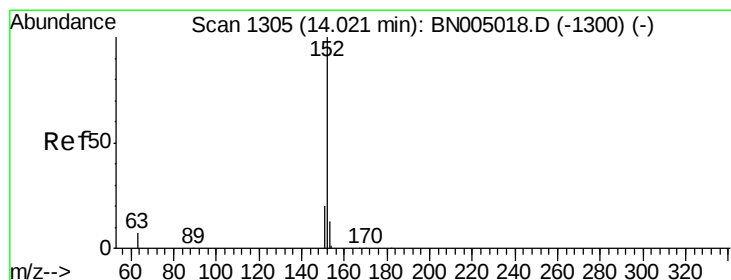
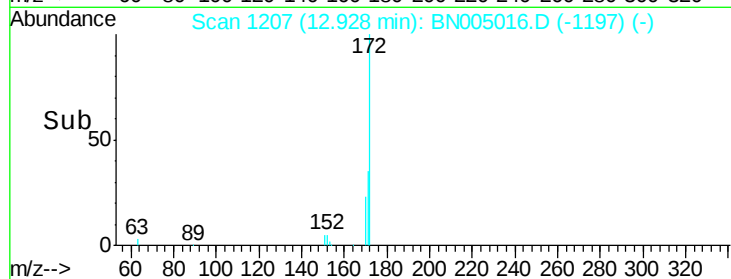
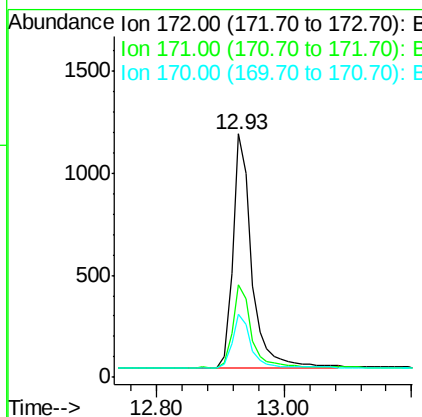
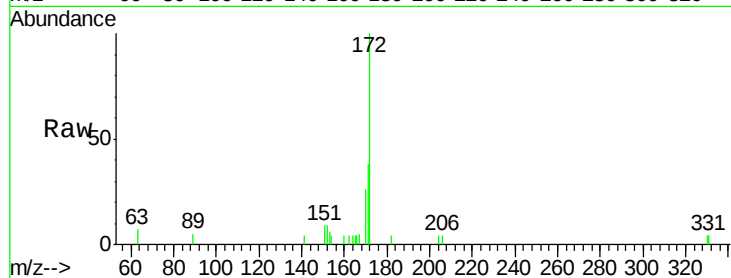




#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005016.D
Acq: 28 Mar 2019 17:27

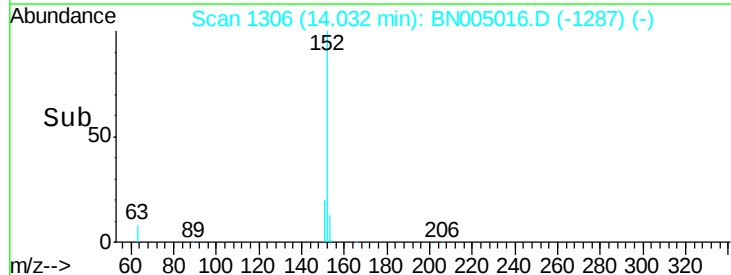
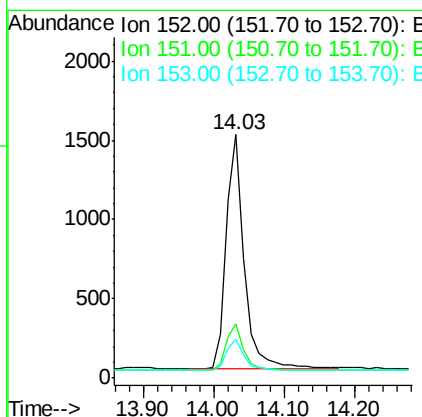
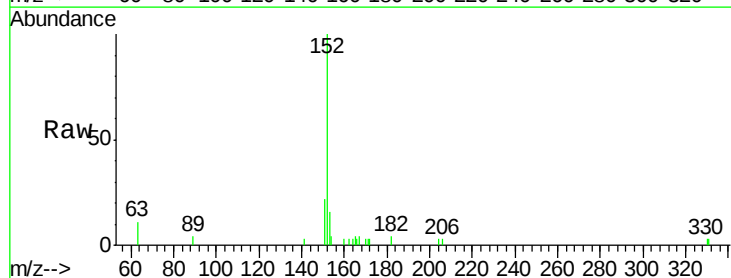
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

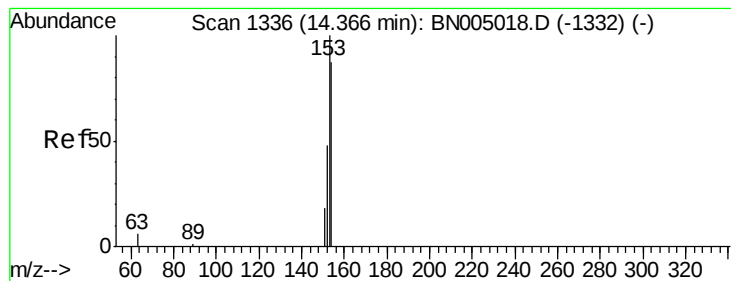
Tgt Ion:172 Resp: 2378
Ion Ratio Lower Upper
172 100
171 37.8 29.4 44.0
170 25.9 20.0 30.0



#16
Acenaphthylene
Concen: 0.080 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005016.D
Acq: 28 Mar 2019 17:27

Tgt Ion:152 Resp: 2708
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.084 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

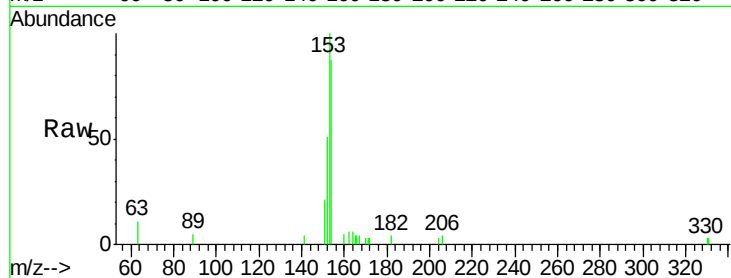
Tgt Ion:154 Resp: 1865

Ion Ratio Lower Upper

154 100

153 115.0 92.1 138.1

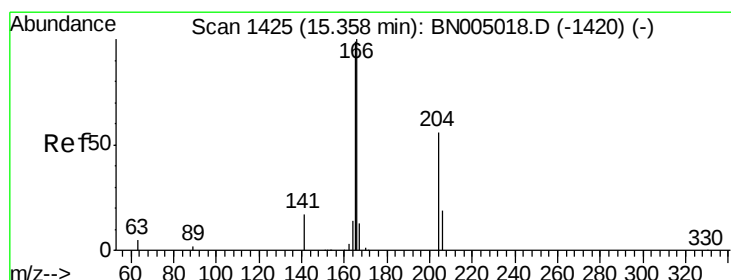
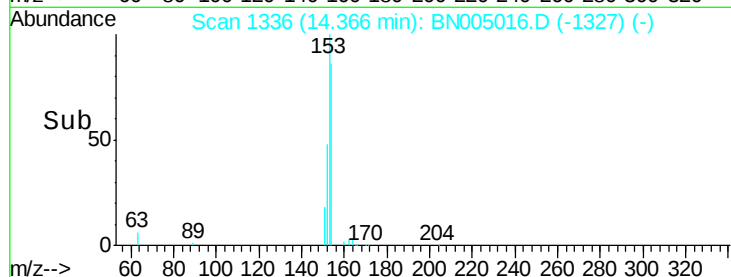
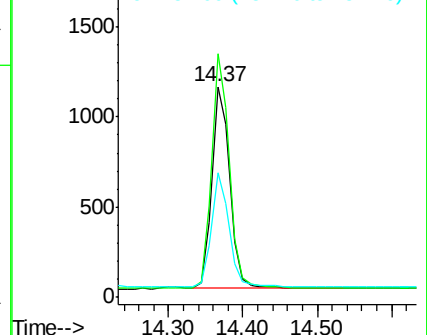
152 55.4 44.2 66.2



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: 0.081 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

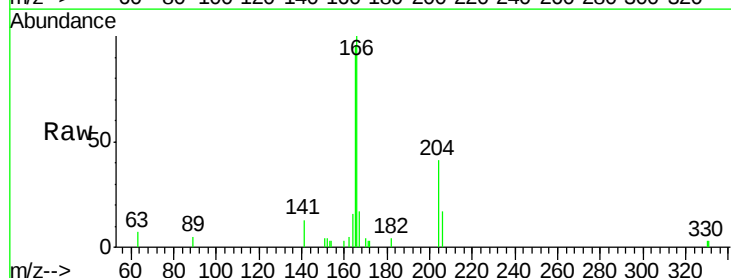
Tgt Ion:166 Resp: 2504

Ion Ratio Lower Upper

166 100

165 99.0 78.7 118.1

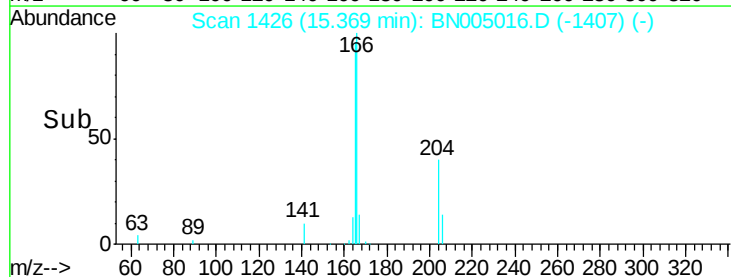
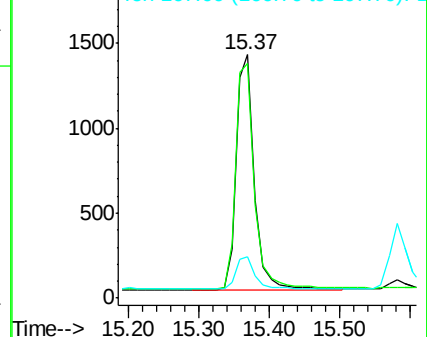
167 13.6 10.9 16.3

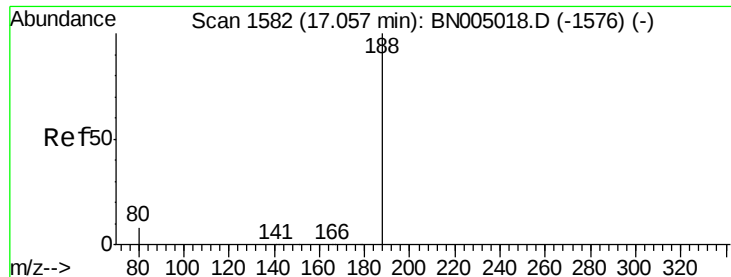


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1582

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

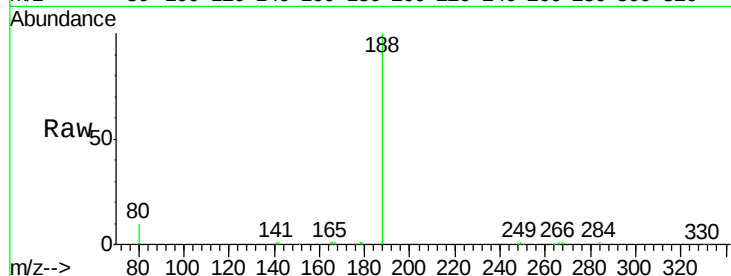
Tgt Ion:188 Resp: 16523

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

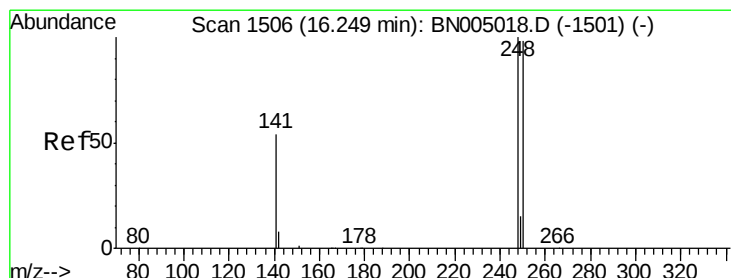
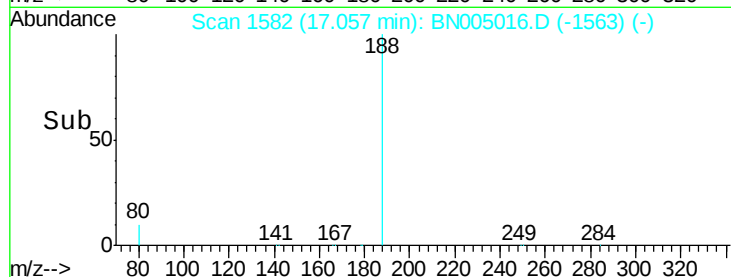
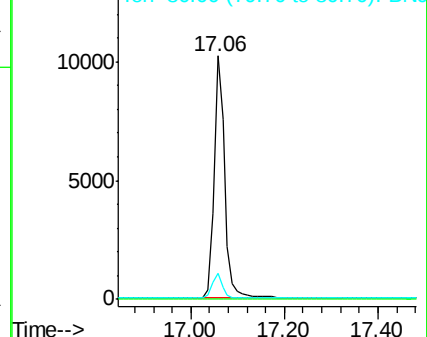
80 10.5 6.9 10.3#



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: 0.079 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

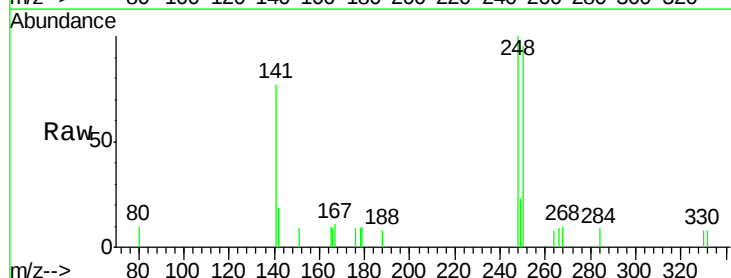
Tgt Ion:248 Resp: 854

Ion Ratio Lower Upper

248 100

250 94.8 78.6 117.8

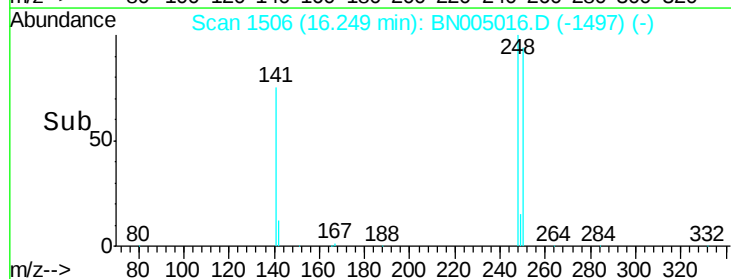
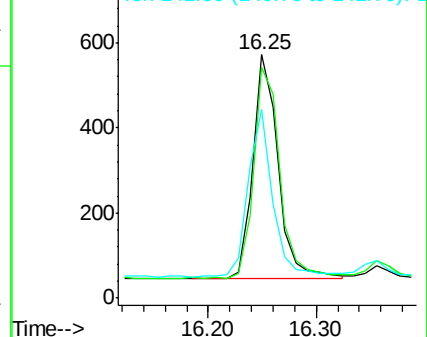
141 77.4 43.6 65.4#

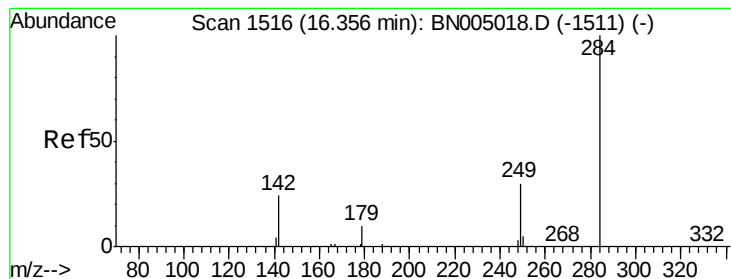


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.079 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

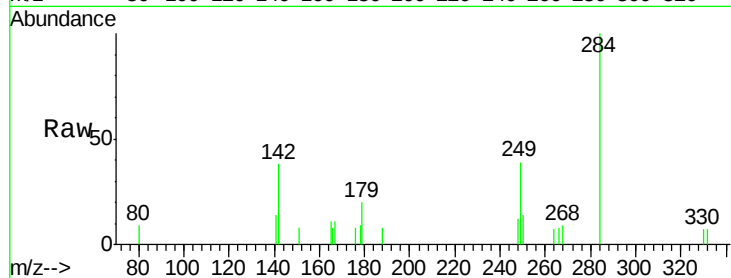
Tgt Ion:284 Resp: 971

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

249 29.8 23.8 35.6

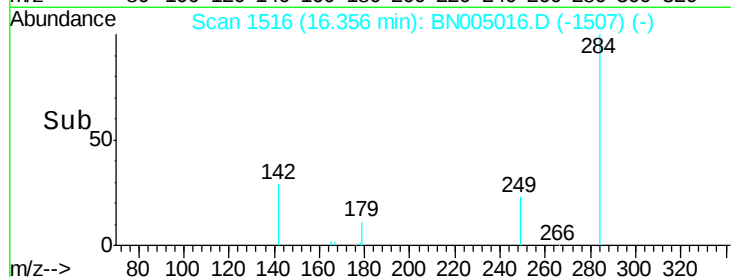


Abundance Ion 283.80 (283.50 to 284.50): E

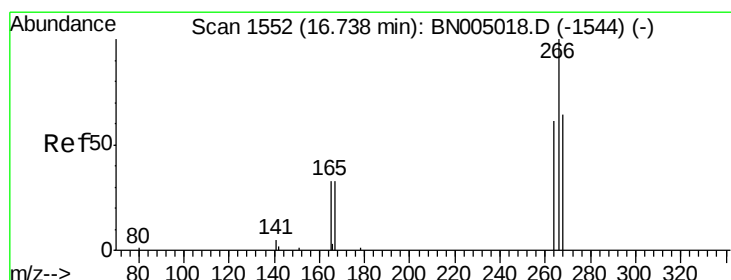
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#22

Pentachlorophenol

Concen: 0.080 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

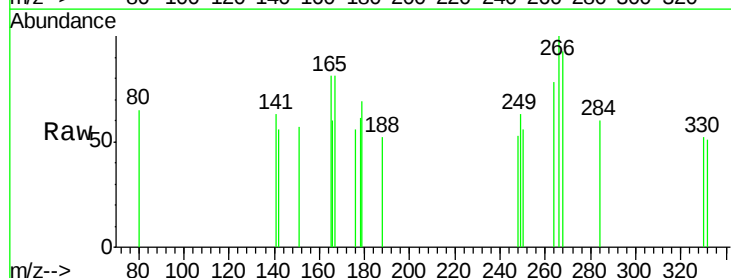
Tgt Ion:266 Resp: 194

Ion Ratio Lower Upper

266 100

264 78.4 53.4 80.0

268 93.2 58.9 88.3#

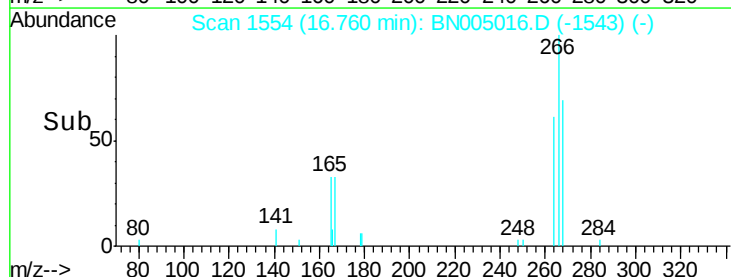


Abundance Ion 266.00 (265.70 to 266.70): E

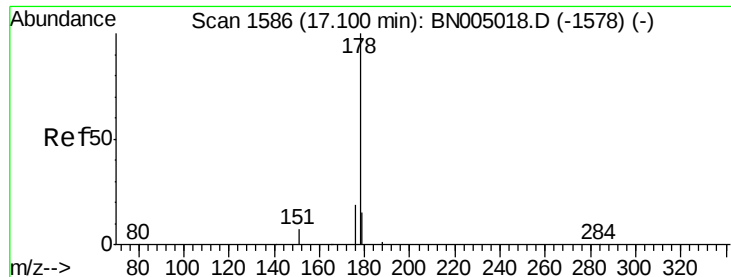
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->



Time-->



#23

Phenanthrene

Concen: 0.082 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

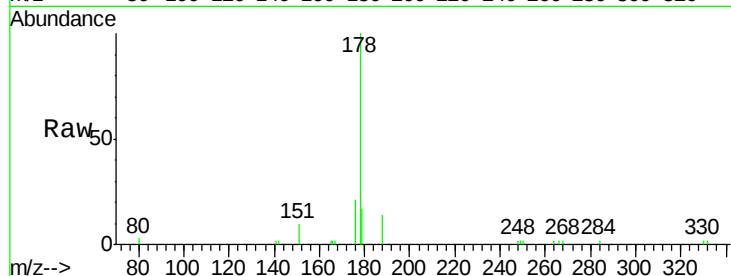
Tgt Ion:178 Resp: 4371

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

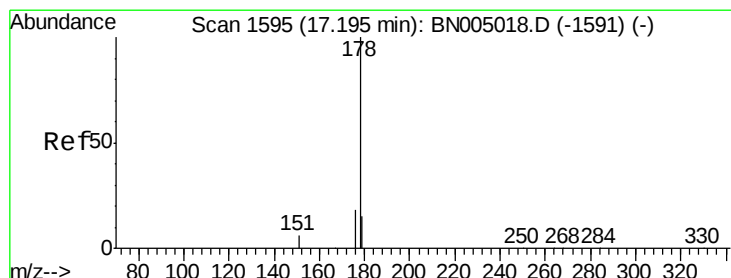
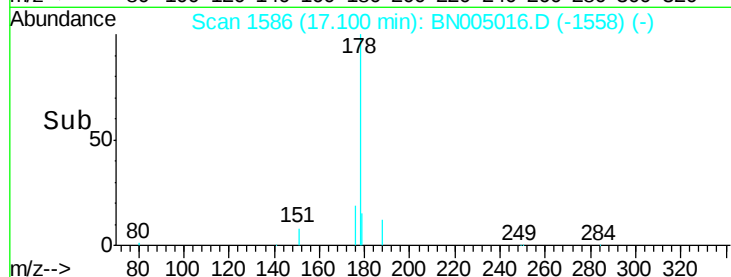
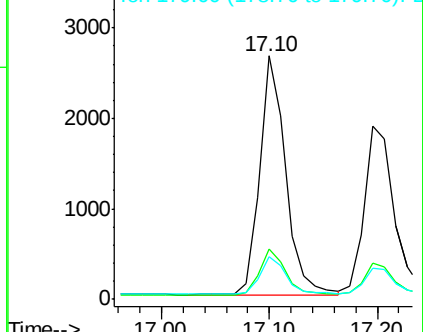
179 15.8 12.2 18.2



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



#24

Anthracene

Concen: 0.075 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

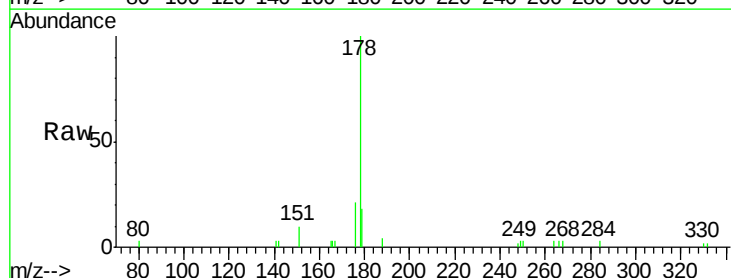
Tgt Ion:178 Resp: 3596

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

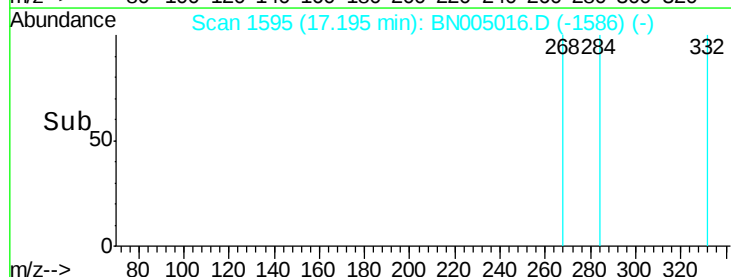
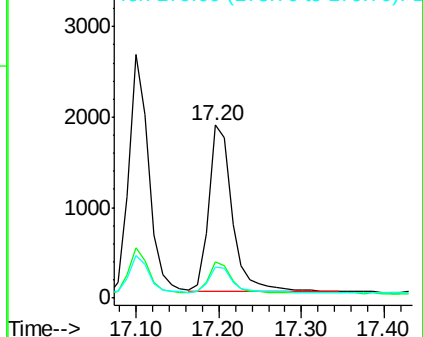
179 15.4 12.3 18.5

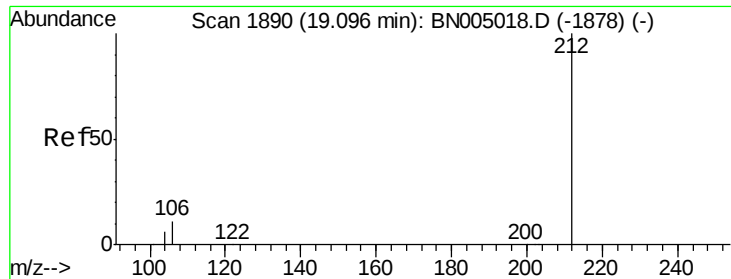


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.079 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

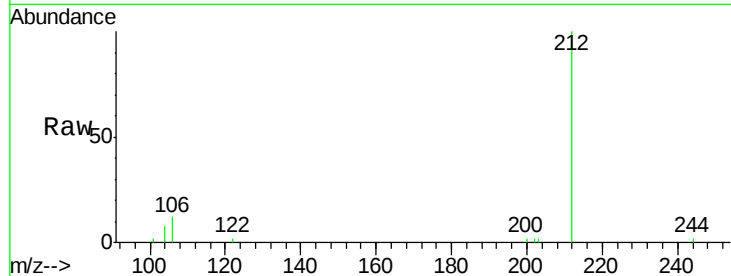
Tgt Ion:212 Resp: 4389

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.2

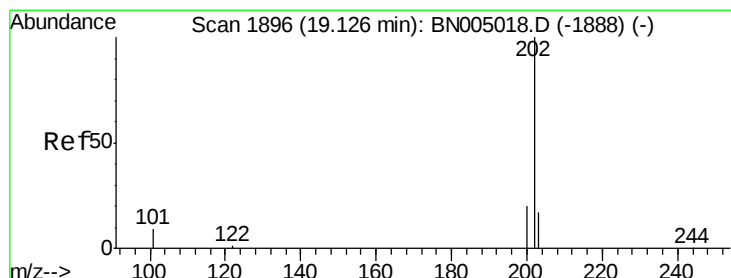
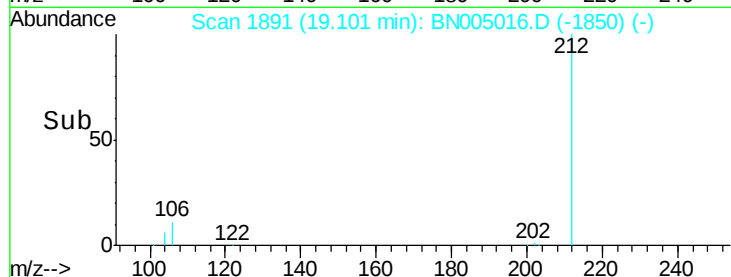
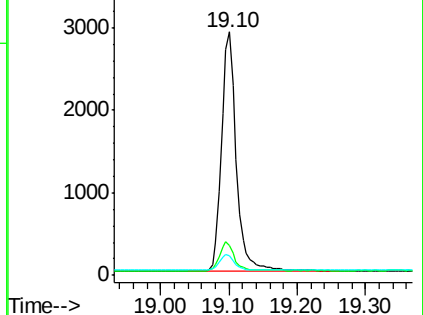
104 6.7 5.4 8.0



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: 0.080 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

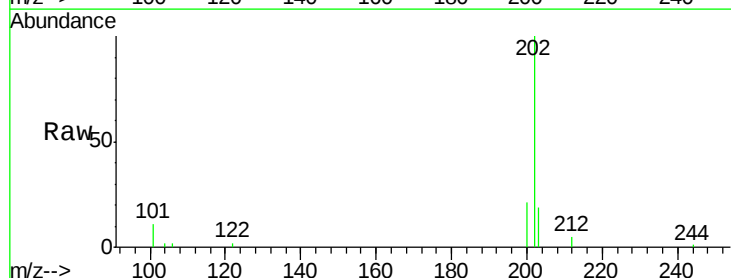
Tgt Ion:202 Resp: 5455

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

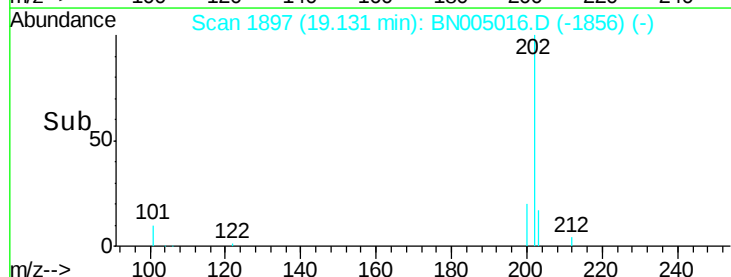
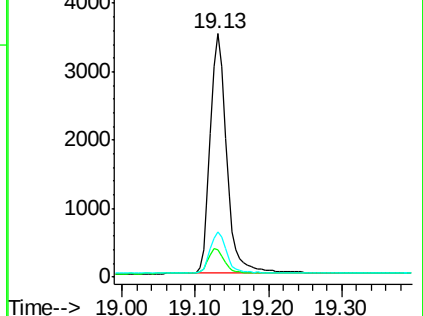
203 17.2 13.8 20.8

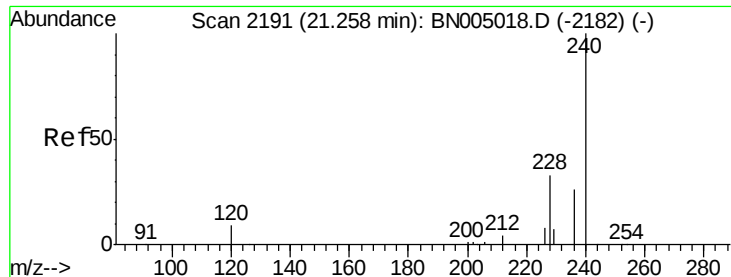


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

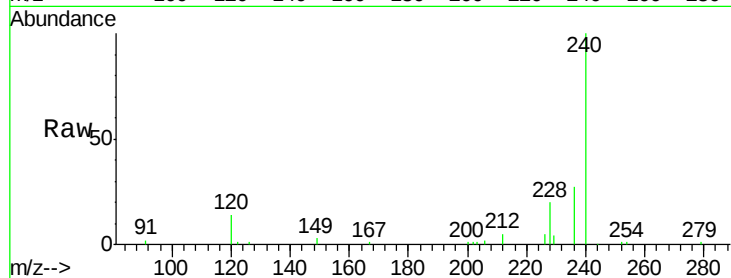
Tgt Ion:240 Resp: 19215

Ion Ratio Lower Upper

240 100

120 13.8 7.4 11.0#

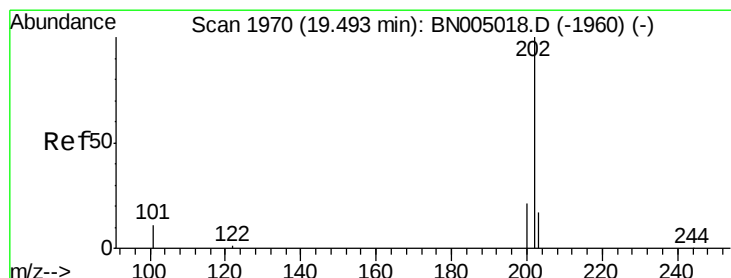
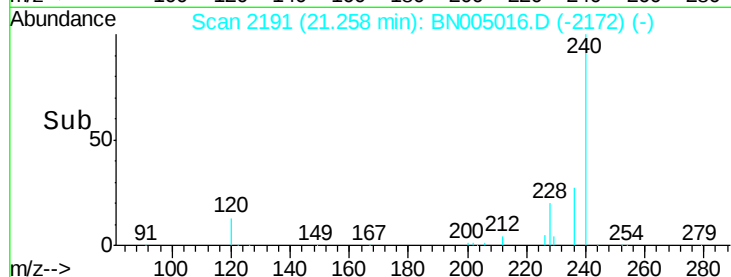
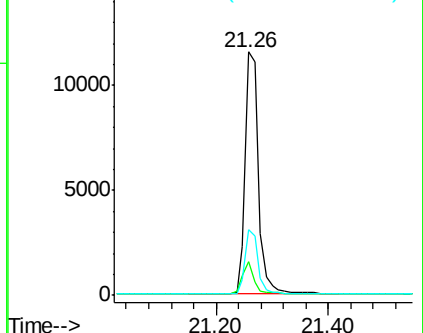
236 27.2 21.0 31.6



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: 0.095 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

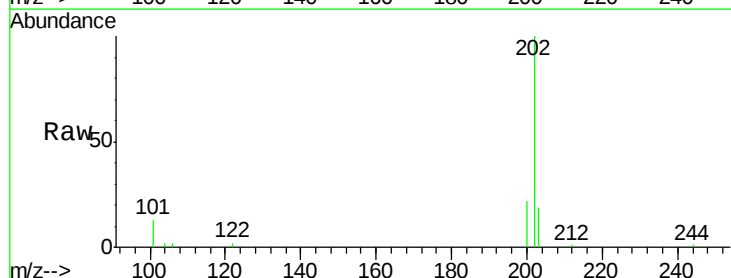
Tgt Ion:202 Resp: 5593

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

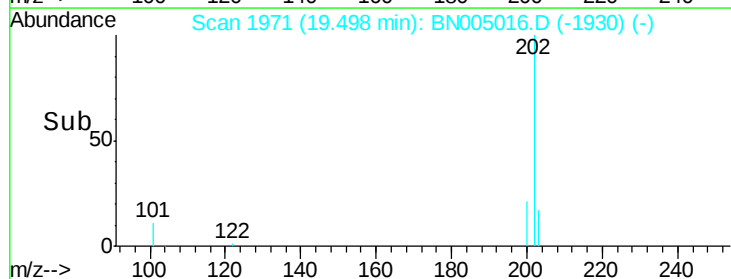
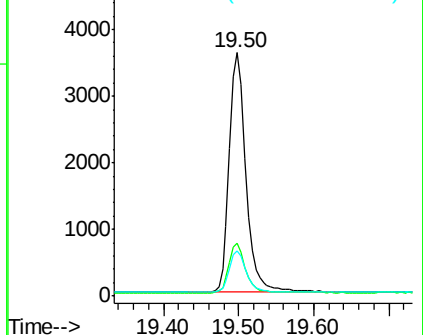
203 17.5 13.9 20.9

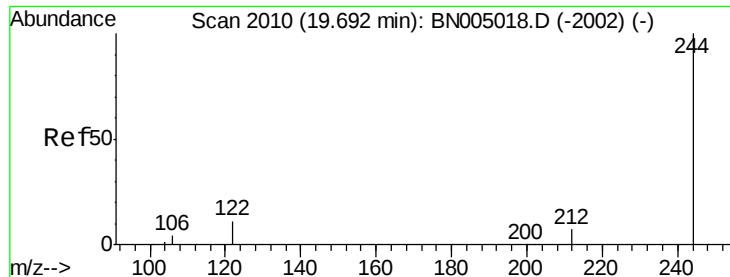


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.116 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

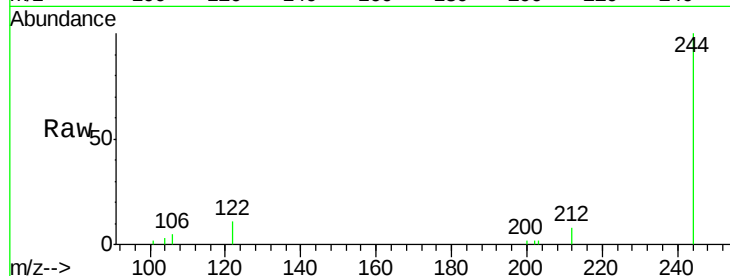
Tgt Ion:244 Resp: 4547

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

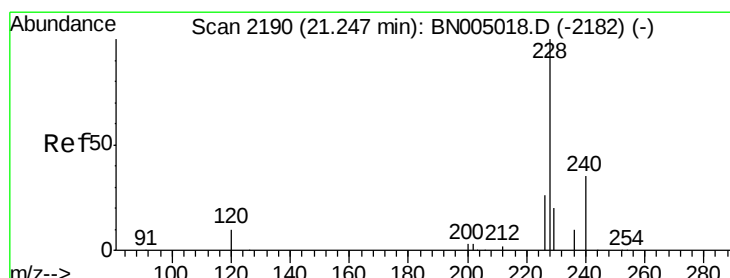
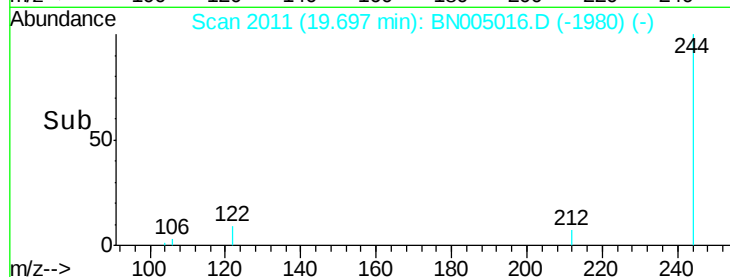
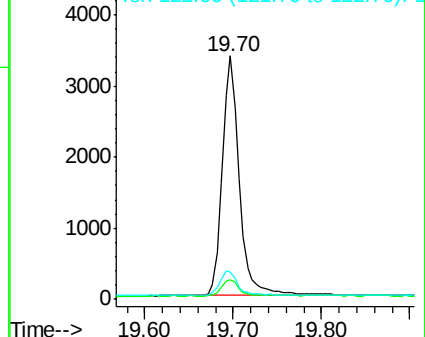
122 11.0 9.0 13.4



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: 0.087 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

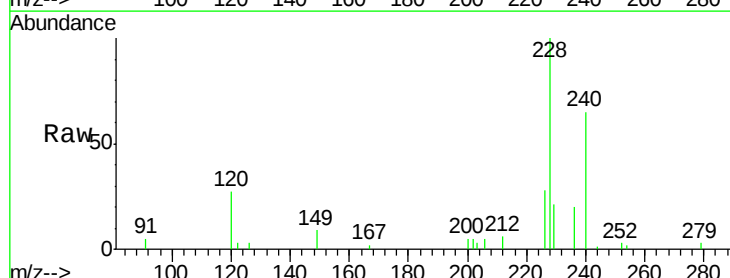
Tgt Ion:228 Resp: 5491

Ion Ratio Lower Upper

228 100

226 27.6 20.9 31.3

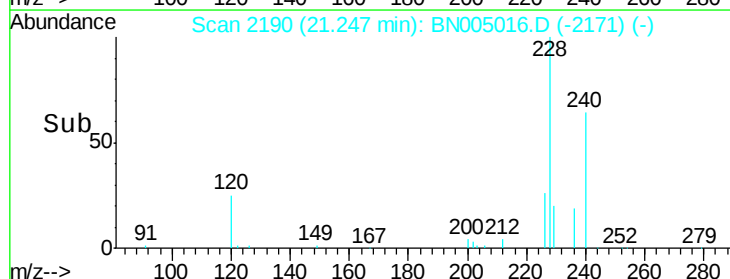
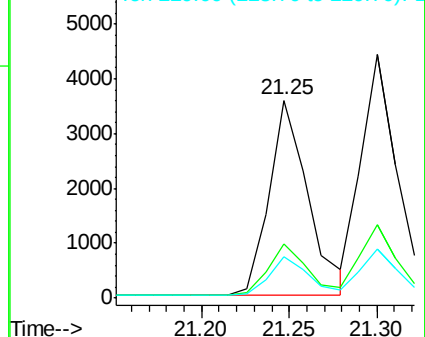
229 20.9 16.2 24.2

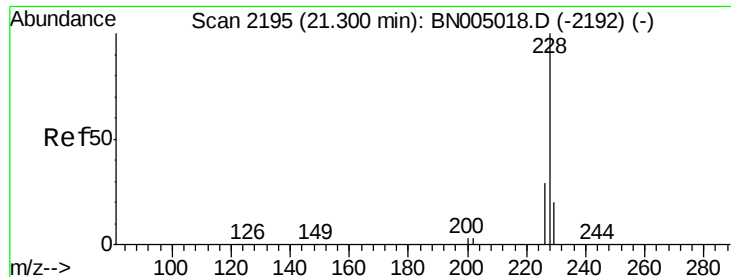


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.096 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

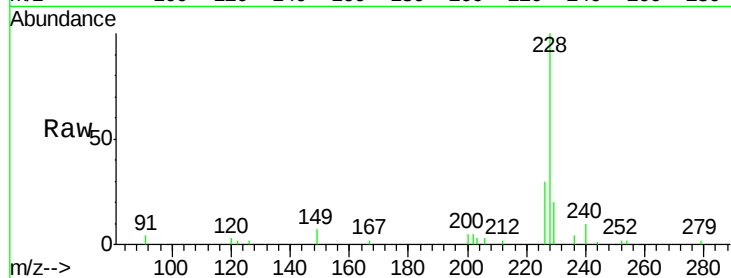
Tgt Ion:228 Resp: 6383

Ion Ratio Lower Upper

228 100

226 30.1 22.8 34.2

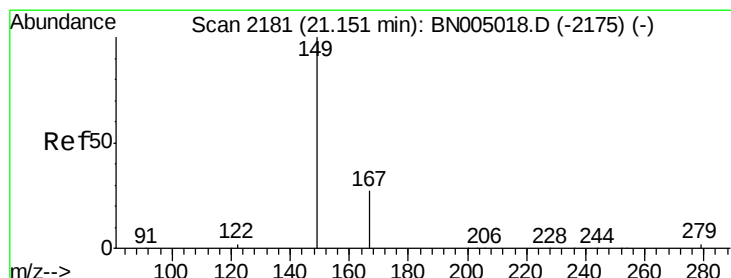
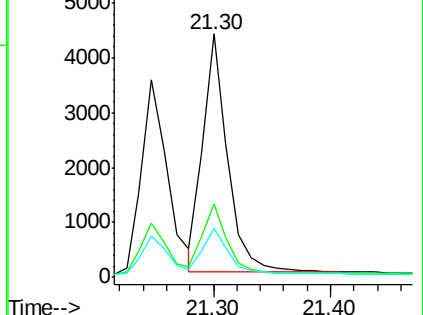
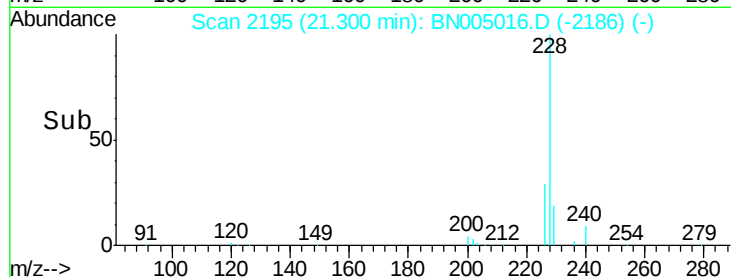
229 20.1 16.2 24.4



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: 0.086 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

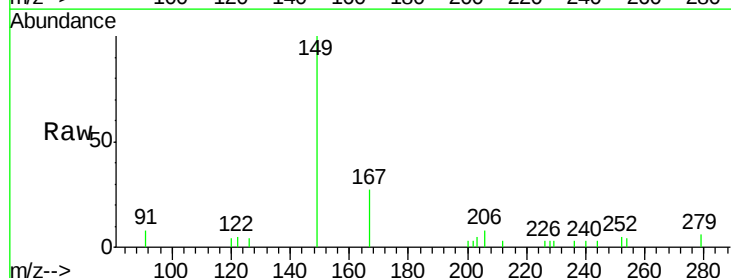
Tgt Ion:149 Resp: 2163

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

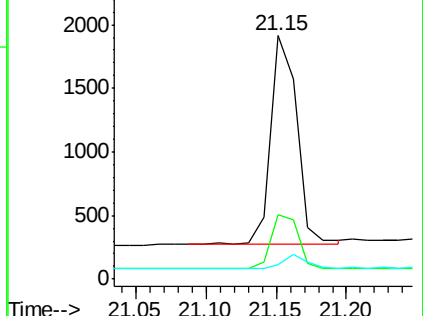
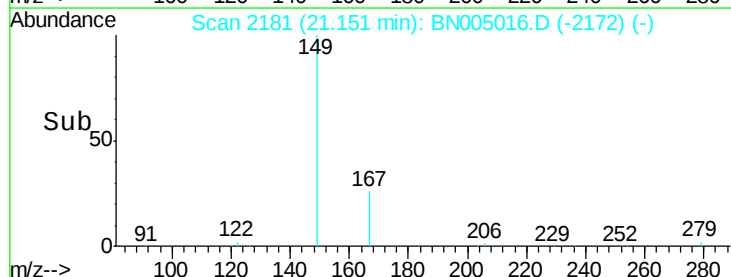
279 6.7 4.2 6.4#

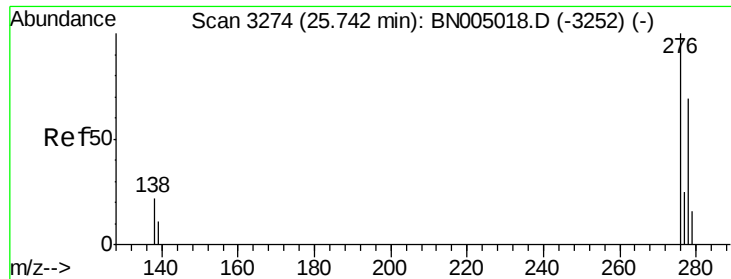


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.065 ng

RT: 25.76 min Scan# 3278

Delta R.T. 0.01 min

Lab File: BN005016.D

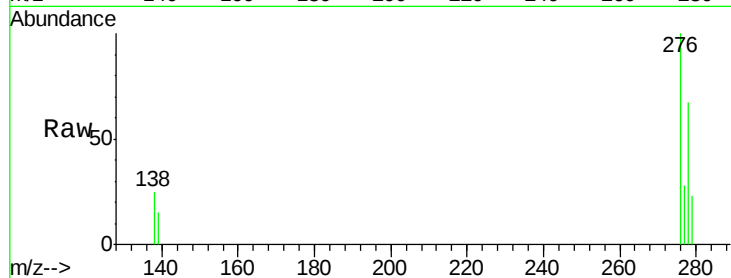
Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



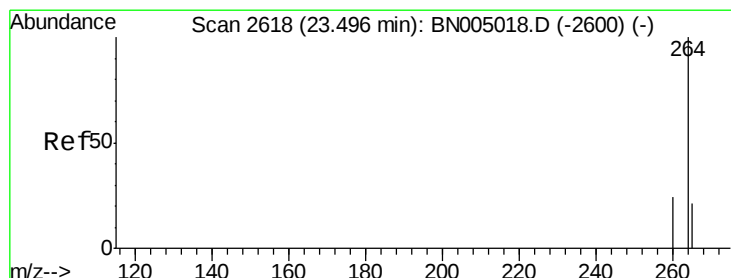
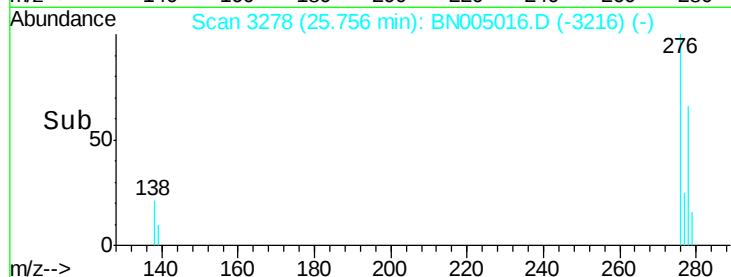
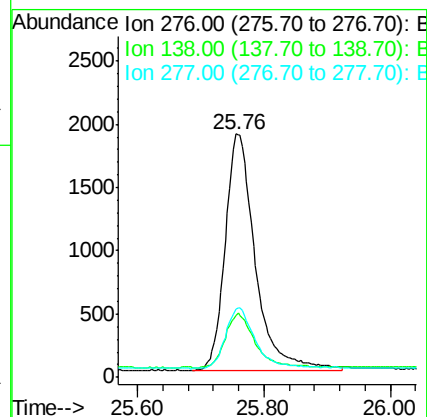
Tgt Ion:276 Resp: 6197

Ion Ratio Lower Upper

276 100

138 22.2 18.2 27.2

277 25.8 20.3 30.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

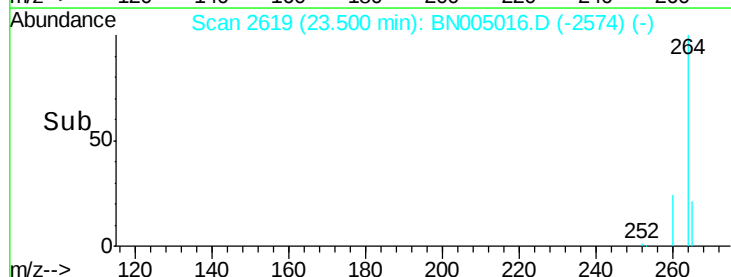
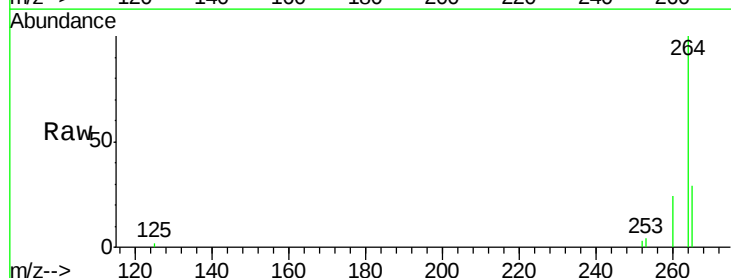
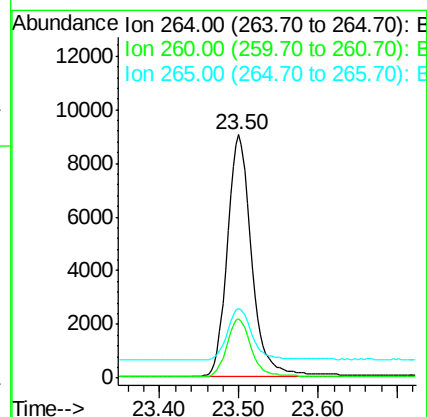
Tgt Ion:264 Resp: 19120

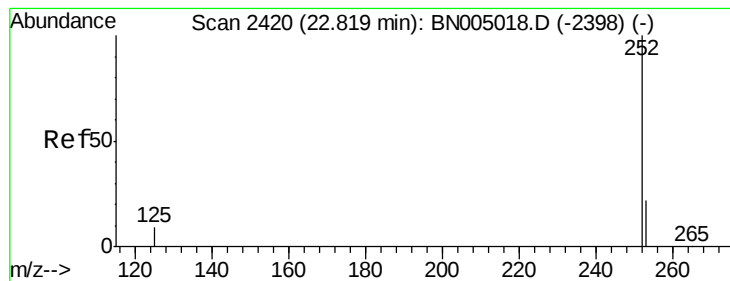
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 28.8 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 0.084 ng

RT: 22.83 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

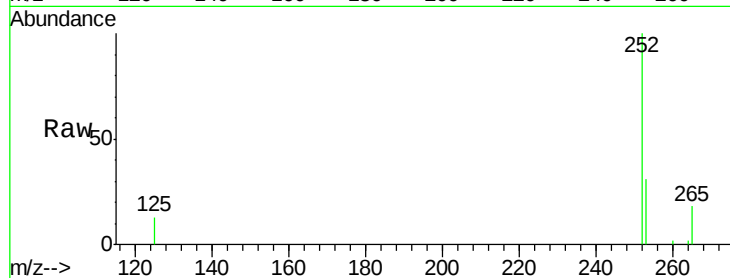
Tgt Ion:252 Resp: 5823

Ion Ratio Lower Upper

252 100

253 31.2 19.2 28.8#

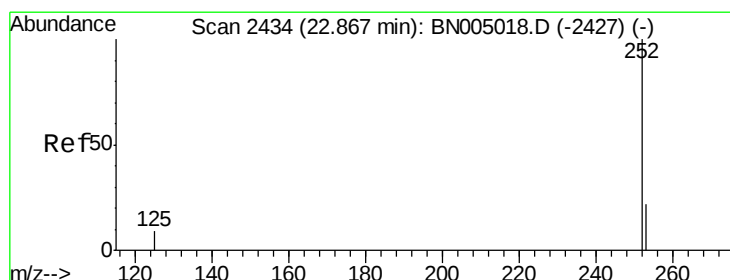
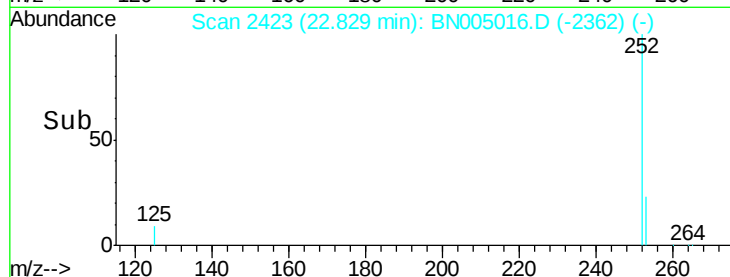
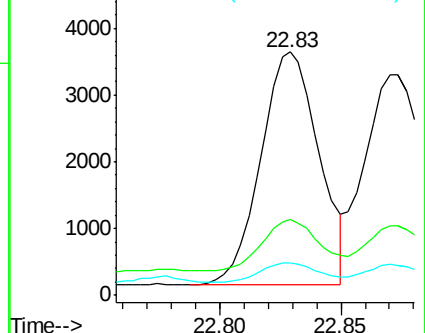
125 13.4 8.2 12.2#



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



#36

Benzo(k)fluoranthene

Concen: 0.087 ng

RT: 22.87 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

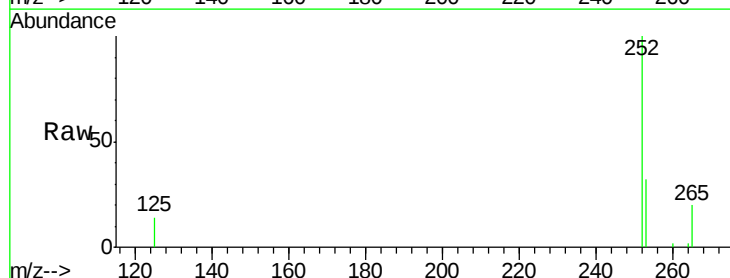
Tgt Ion:252 Resp: 5917

Ion Ratio Lower Upper

252 100

253 31.7 19.3 28.9#

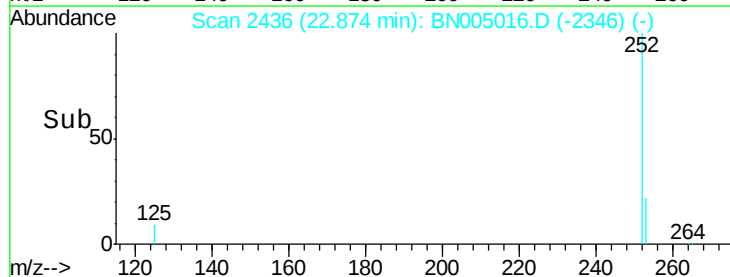
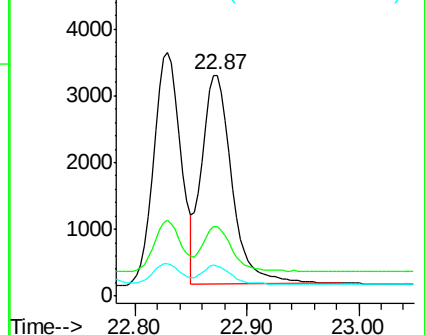
125 13.7 8.2 12.2#

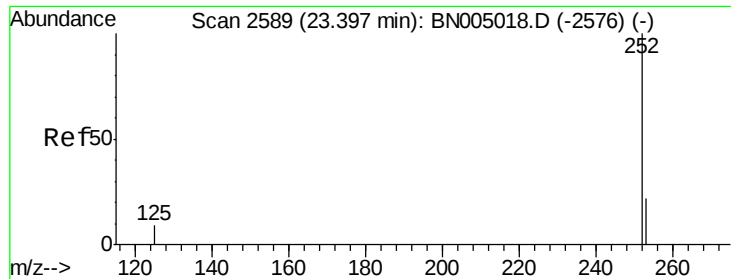


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.080 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

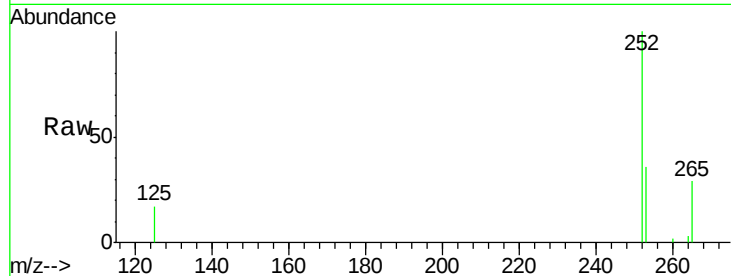
Tgt Ion:252 Resp: 5047

Ion Ratio Lower Upper

252 100

253 36.5 20.2 30.2#

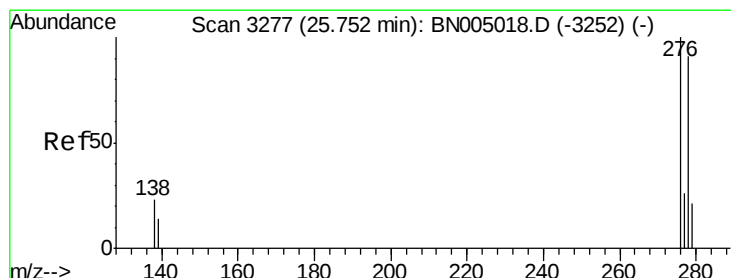
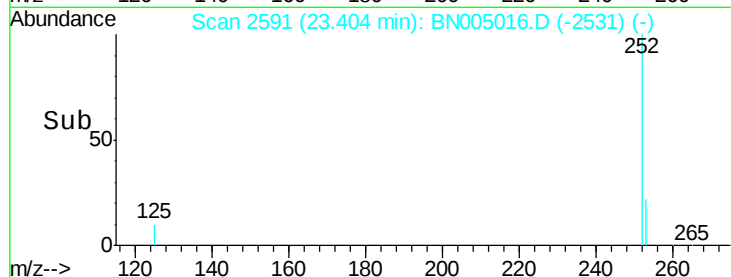
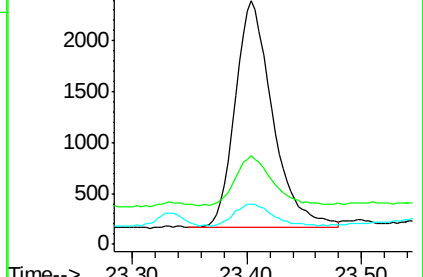
125 16.7 9.2 13.8#



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: 0.069 ng

RT: 25.77 min Scan# 3281

Delta R.T. 0.01 min

Lab File: BN005016.D

Acq: 28 Mar 2019 17:27

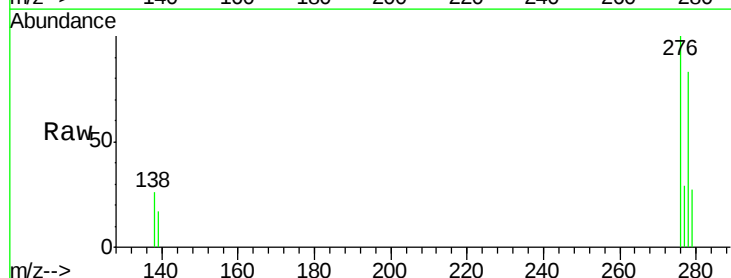
Tgt Ion:278 Resp: 5043

Ion Ratio Lower Upper

278 100

139 20.2 13.1 19.7#

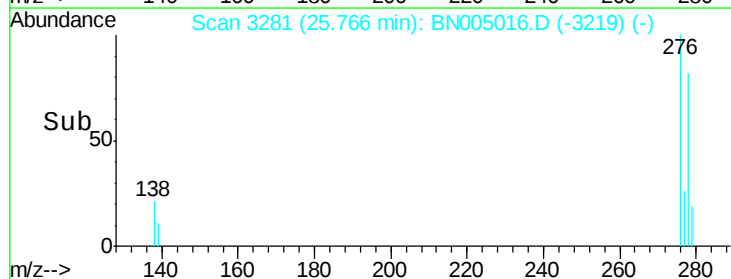
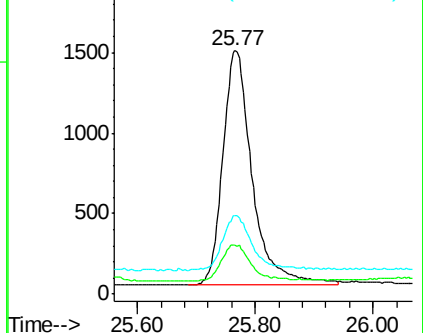
279 32.3 20.2 30.2#

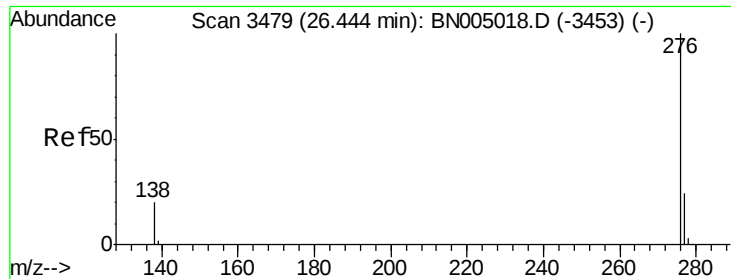


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.070 ng

RT: 26.46 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BN005016.D

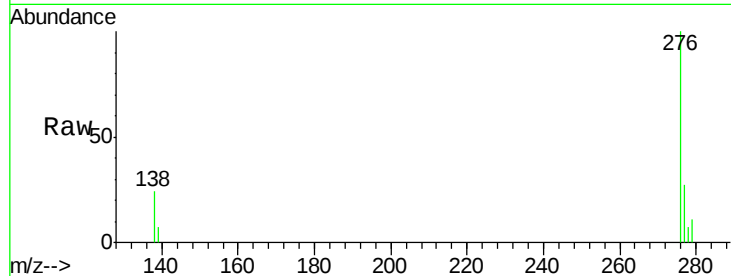
Acq: 28 Mar 2019 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



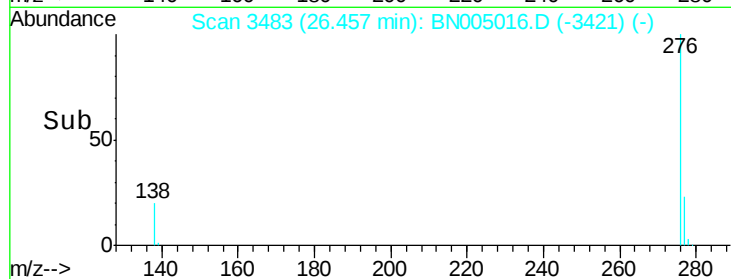
Tgt Ion: 276 Resp: 5214

Ion Ratio Lower Upper

276 100

277 27.3 19.8 29.6

138 24.4 16.4 24.6



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

