

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004819.D
 Acq On : 20 Mar 2019 13:30
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Mar 20 14:13:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 13:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1380	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	6117	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	4050	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10191	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14612	0.40	ng	0.00
34) Perylene-d12	23.54	264	15196	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	5770	1.34	ng	0.00
5) Phenol-d6	6.87	99	7259	1.27	ng	0.00
8) Nitrobenzene-d5	8.86	82	6391	1.62	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	17282	1.68	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	4449	1.83	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	26329	1.63	ng	0.00
25) Fluoranthene-d10	19.13	212	54816	1.83	ng	0.00
29) Terphenyl-d14	19.73	244	46916	1.30	ng	0.00

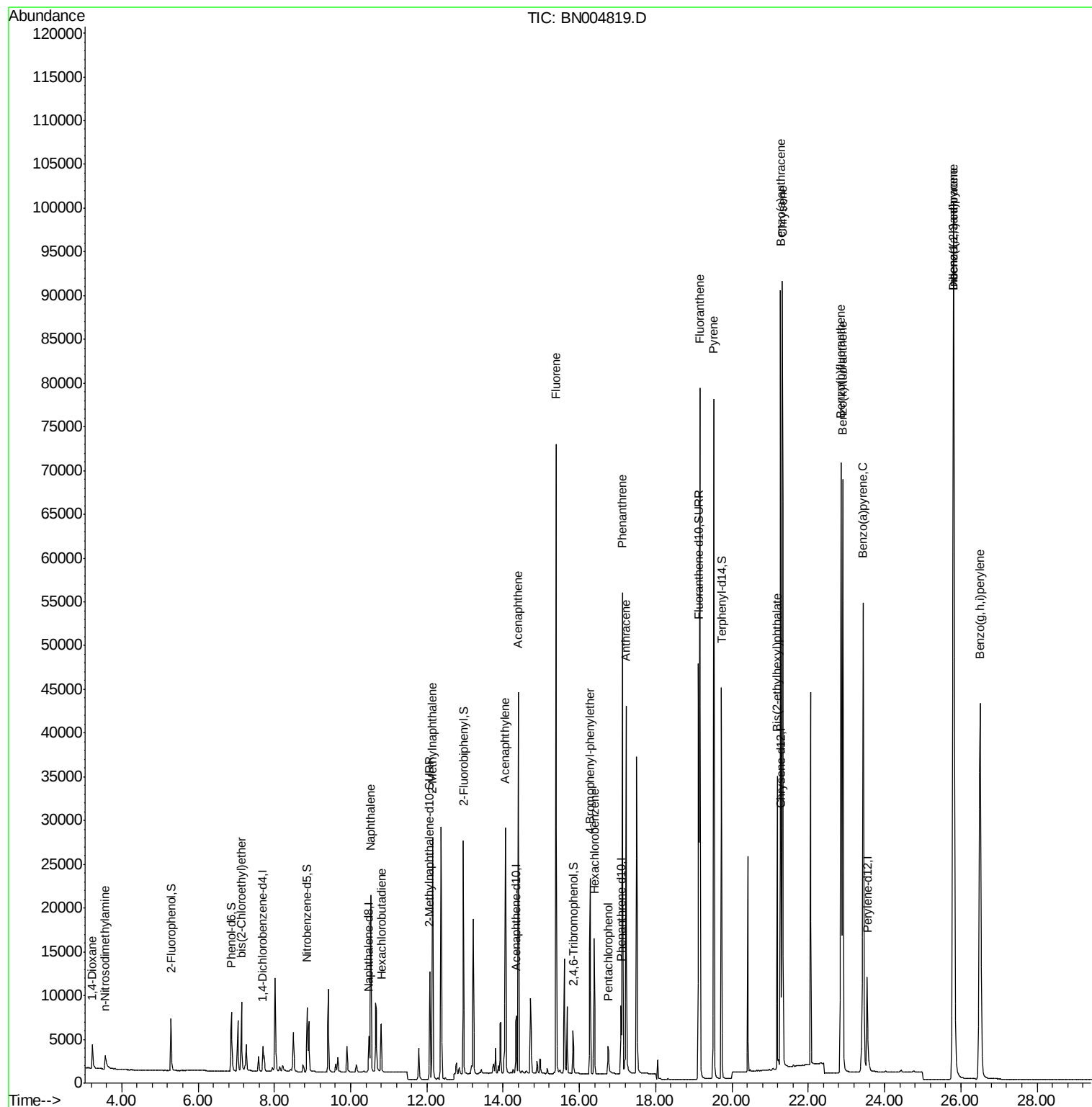
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2315	1.906	ng	98
3) n-Nitrosodimethylamine	3.57	42	1480	2.297	ng	97
6) bis(2-Chloroethyl)ether	7.14	93	6695	1.625	ng	99
9) Naphthalene	10.53	128	27120	1.785	ng	99
10) Hexachlorobutadiene	10.81	225	5185	2.001	ng	# 99
12) 2-Methylnaphthalene	12.15	142	20572	1.870	ng	99
16) Acenaphthylene	14.05	152	34129	1.792	ng	100
17) Acenaphthene	14.40	154	21942	1.758	ng	99
18) Fluorene	15.39	166	30695	1.947	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	10829	1.915	ng	93
21) Hexachlorobenzene	16.39	284	12363	1.926	ng	99
22) Pentachlorophenol	16.75	266	2209	1.879	ng	94
23) Phenanthrene	17.13	178	53091	1.928	ng	99
24) Anthracene	17.23	178	48114	1.896	ng	100
26) Fluoranthene	19.16	202	69344	2.120	ng	99
28) Pyrene	19.52	202	70095	1.532	ng	100
30) Benzo(a)anthracene	21.27	228	75983	1.872	ng	98
31) Chrysene	21.32	228	79623	1.919	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	26678	1.074	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	116153	2.625	ng	100
35) Benzo(b)fluoranthene	22.86	252	89447	2.046	ng	97
36) Benzo(k)fluoranthene	22.90	252	87078	1.893	ng	97
37) Benzo(a)pyrene	23.44	252	82462	1.993	ng	96
38) Dibenzo(a,h)anthracene	25.82	278	96068	2.320	ng	98
39) Benzo(g,h,i)perylene	26.51	276	96535	2.354	ng	99

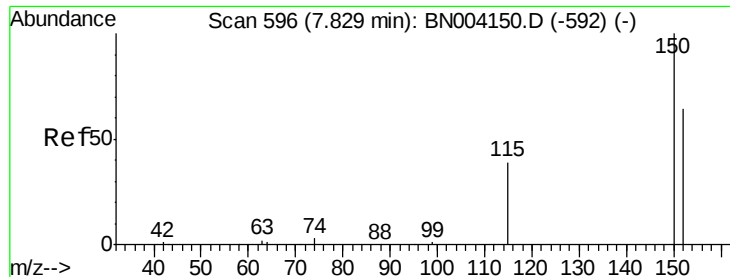
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

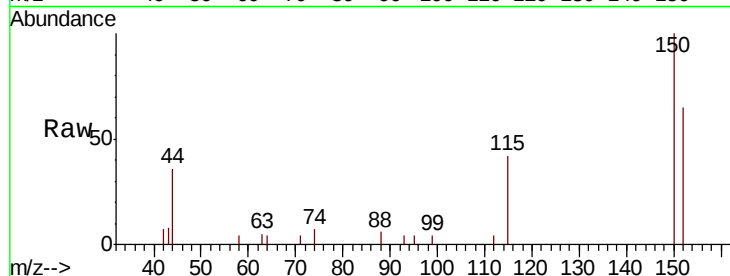
Tot Ion:152 Resp: 1380

Ion Ratio Lower Upper

152 100

150 153.4 126.2 189.4

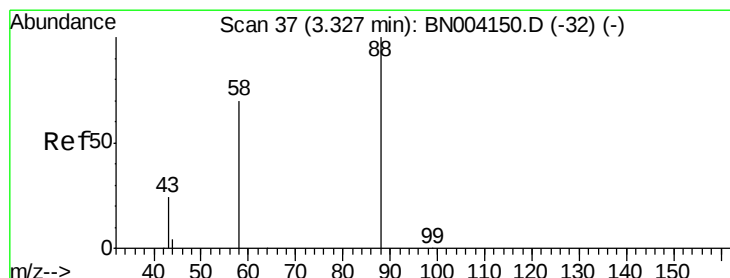
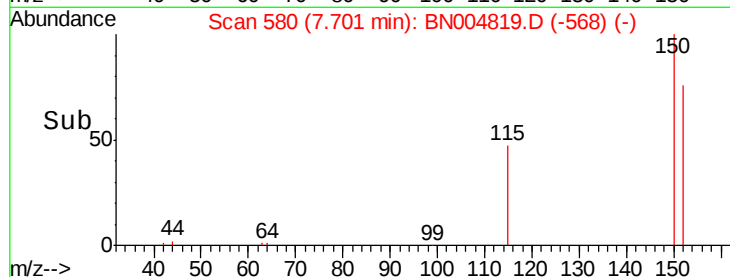
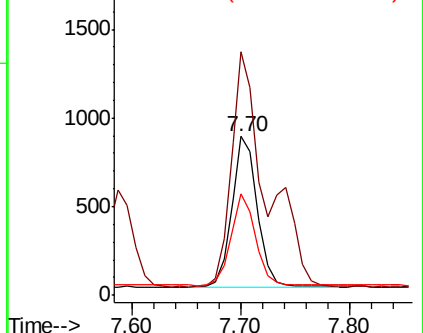
115 64.2 52.6 79.0



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: 1.906 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

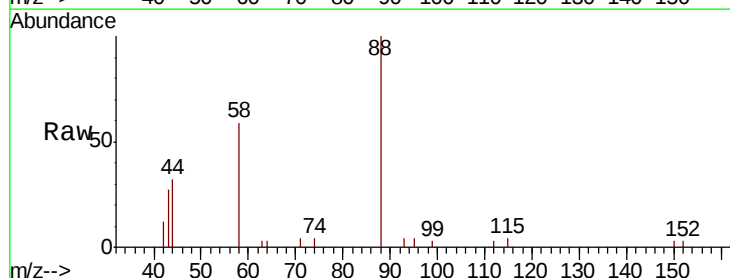
Tgt Ion: 88 Resp: 2315

Ion Ratio Lower Upper

88 100

58 65.7 51.4 77.2

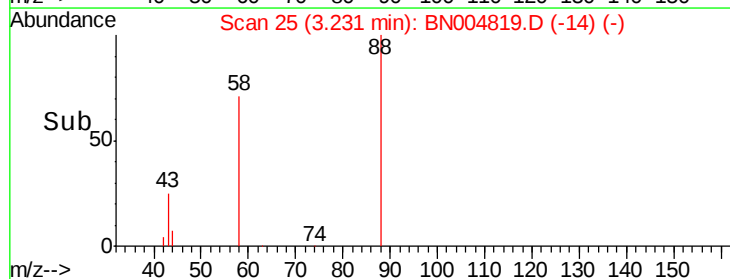
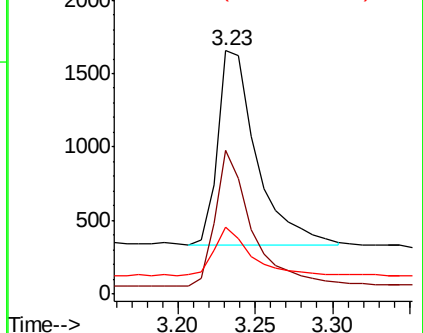
43 23.2 20.0 30.0

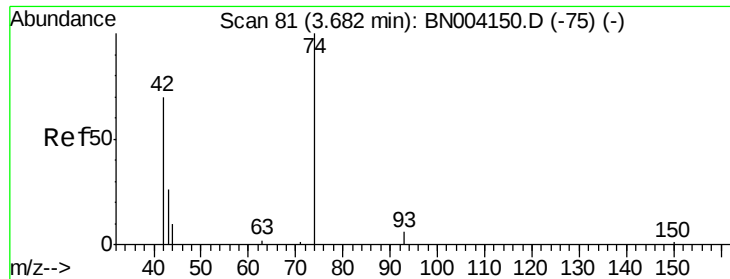


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 2.297 ng

RT: 3.57 min Scan# 67

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

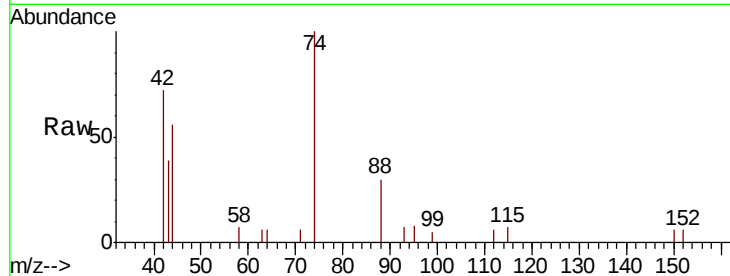
Tot Ion: 42 Resp: 1480

Ion Ratio Lower Upper

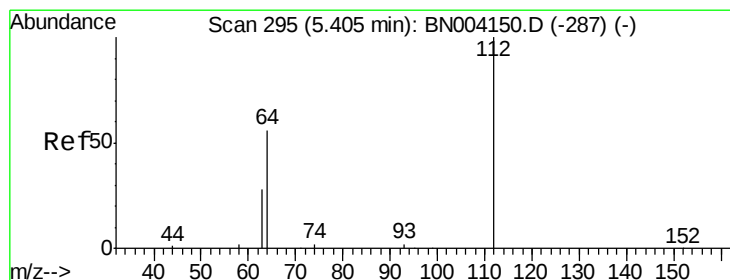
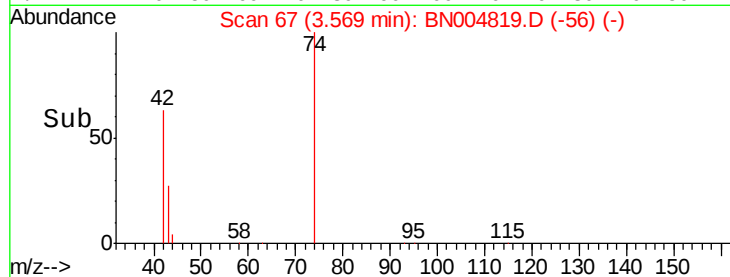
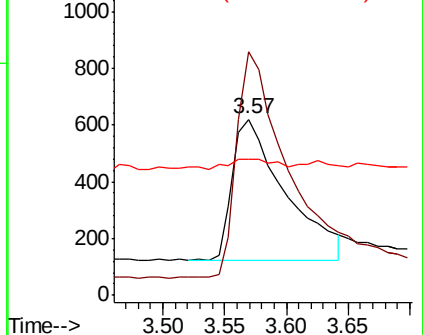
42 100

74 156.5 128.4 192.6

44 6.1 6.1 9.1



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: 1.336 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

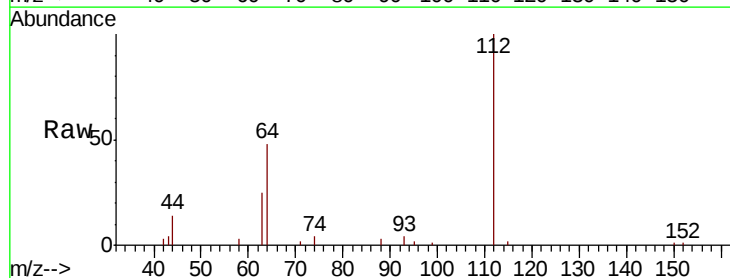
Tgt Ion: 112 Resp: 5770

Ion Ratio Lower Upper

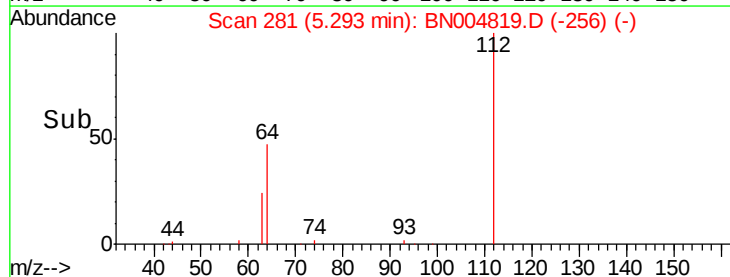
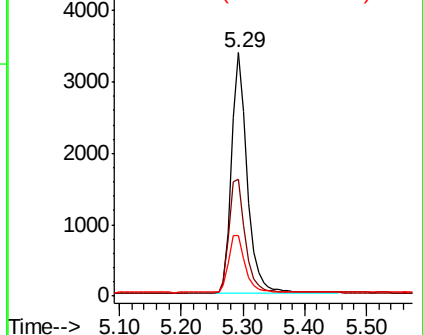
112 100

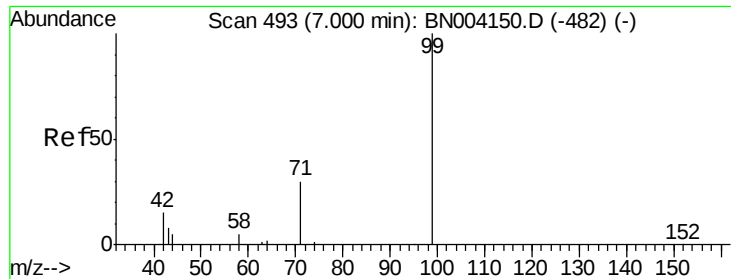
64 50.0 40.0 60.0

63 25.2 20.2 30.2



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





#5

Phenol-d6

Concen: 1.271 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

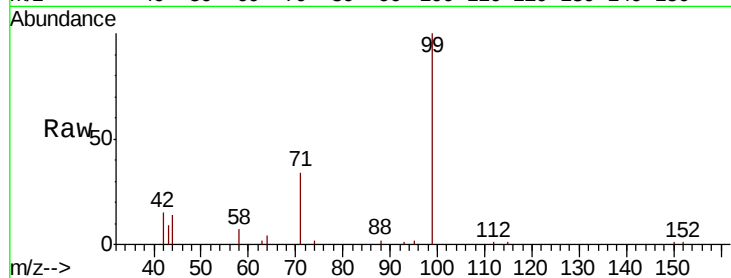
Tot Ion: 99 Resp: 7259

Ion Ratio Lower Upper

99 100

42 14.3 12.7 19.1

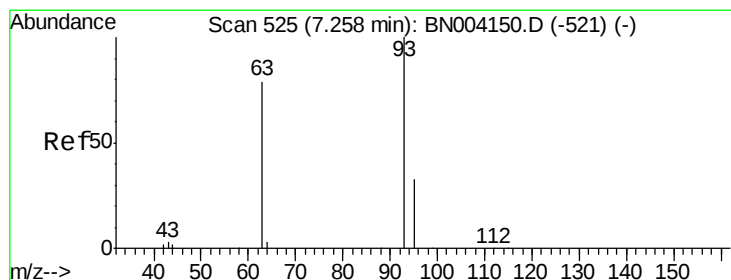
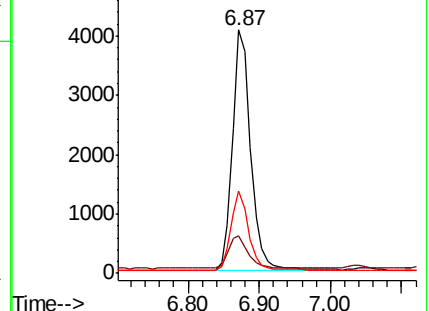
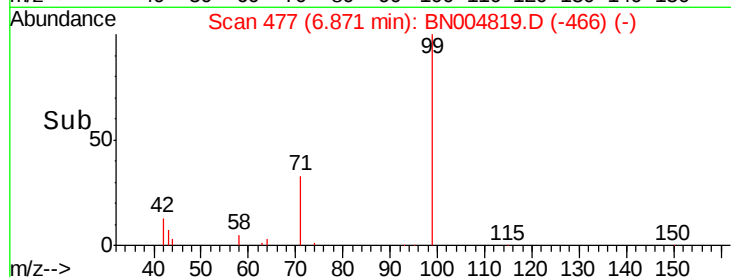
71 32.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004150.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN004150.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN004150.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.625 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

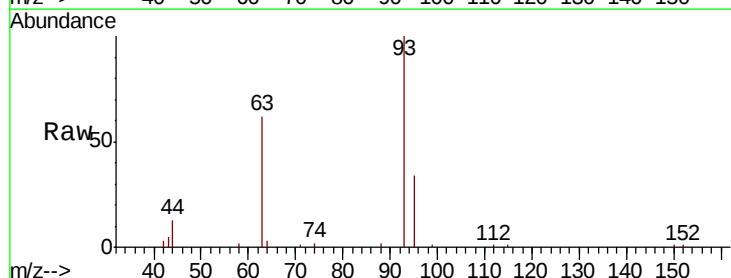
Tgt Ion: 93 Resp: 6695

Ion Ratio Lower Upper

93 100

63 64.4 52.6 78.8

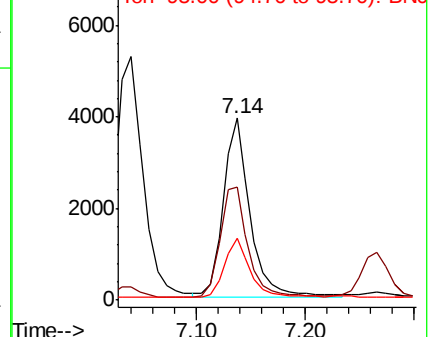
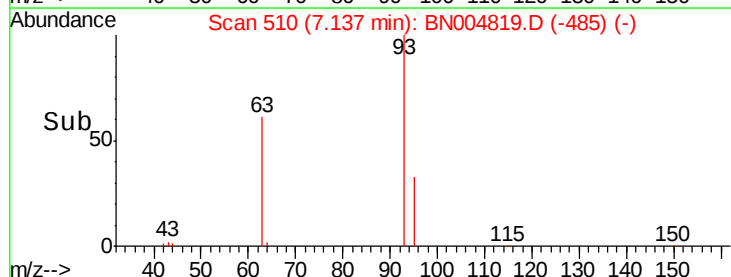
95 31.9 25.9 38.9

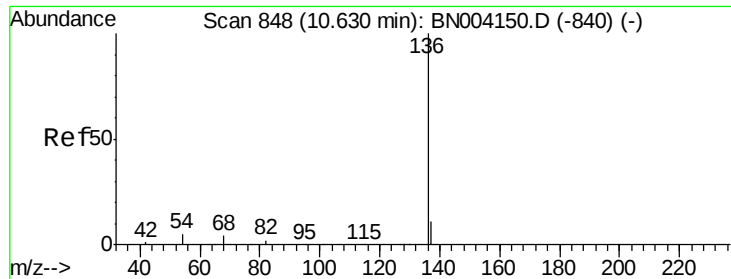


Abundance Ion 93.00 (92.70 to 93.70): BN004150.D (-521) (-)

Ion 63.00 (62.70 to 63.70): BN004150.D (-521) (-)

Ion 95.00 (94.70 to 95.70): BN004150.D (-521) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 6117

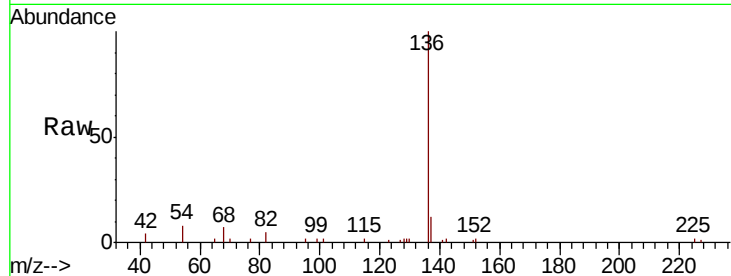
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 8.3 4.2 6.2#

68 7.0 3.9 5.9#

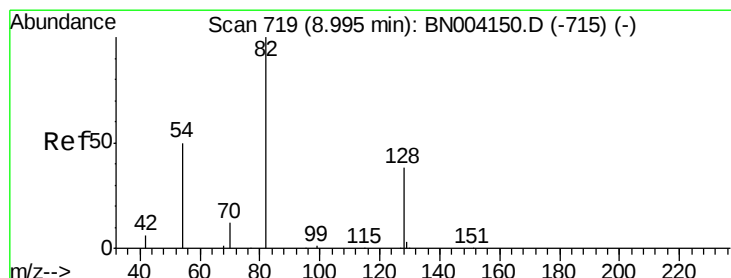
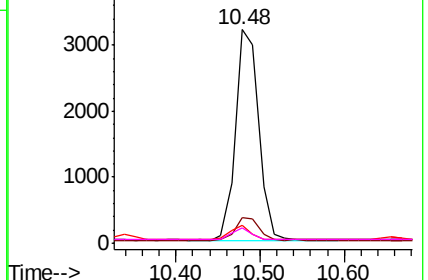
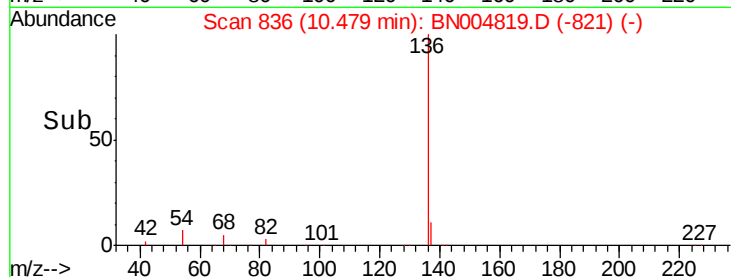


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 1.623 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

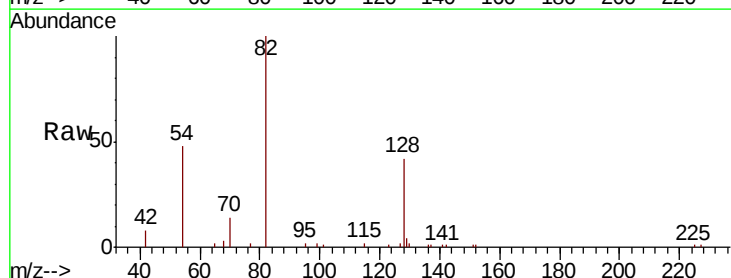
Tgt Ion: 82 Resp: 6391

Ion Ratio Lower Upper

82 100

128 42.2 43.0 64.6#

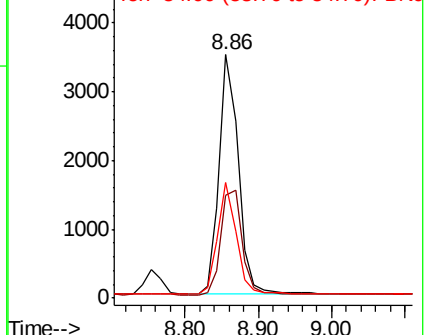
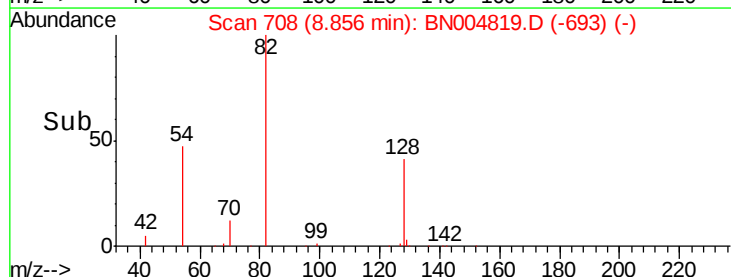
54 47.6 35.3 52.9

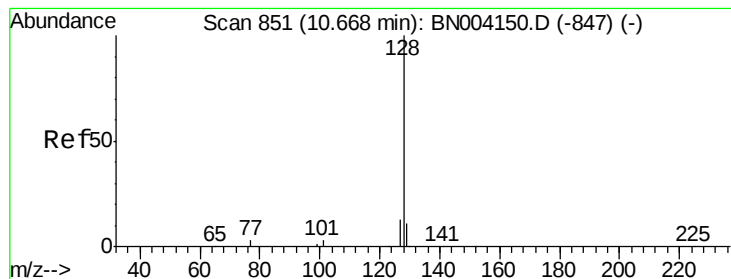


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.785 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

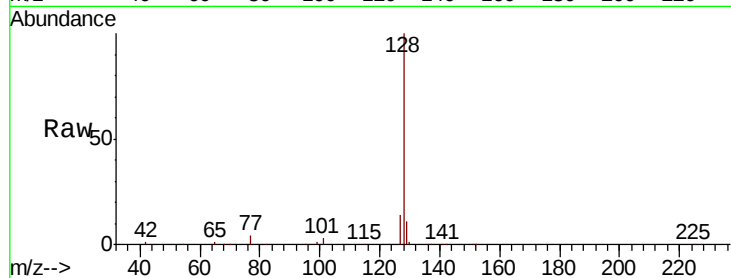
Tot Ion:128 Resp: 27120

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

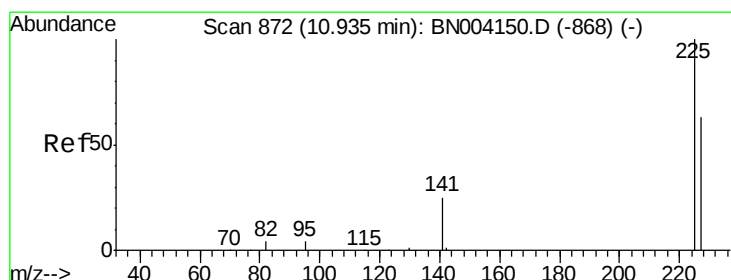
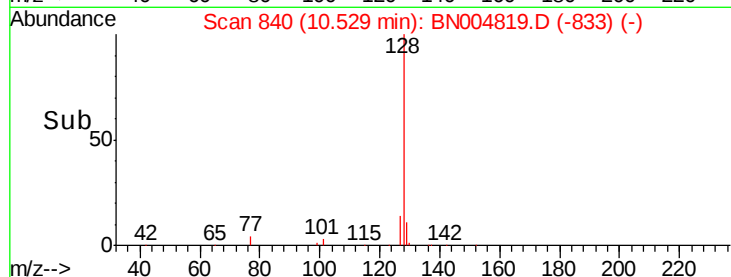
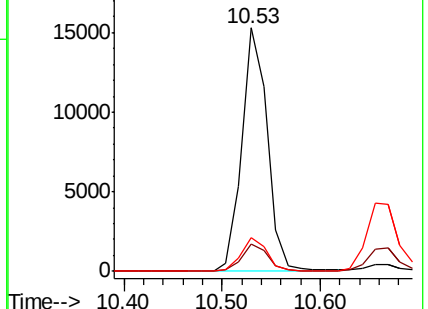
127 13.9 11.3 16.9



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: 2.001 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

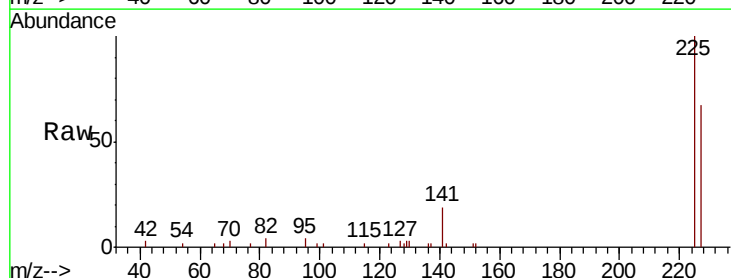
Tgt Ion:225 Resp: 5185

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

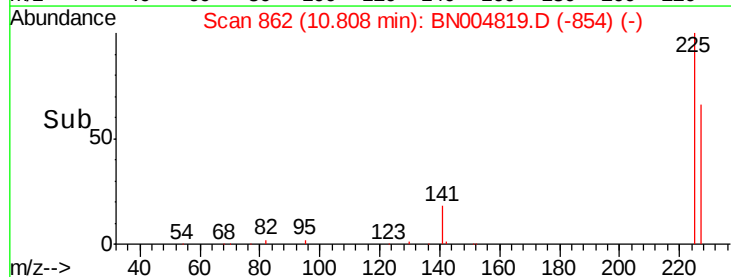
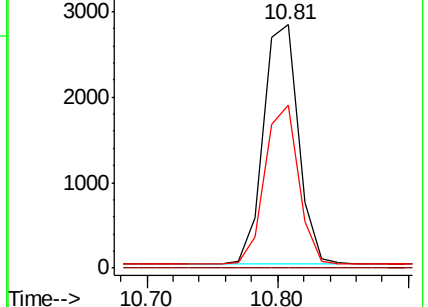
227 64.2 52.2 78.4

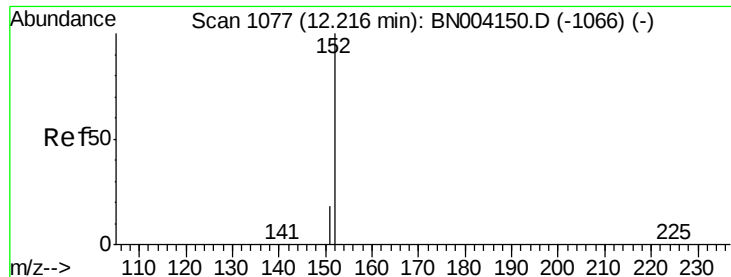


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

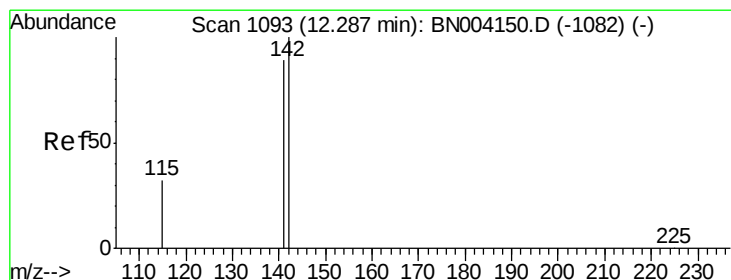
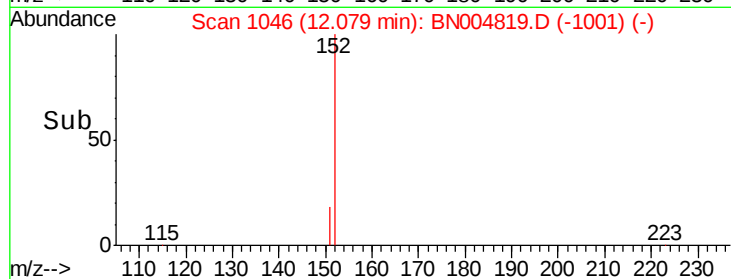
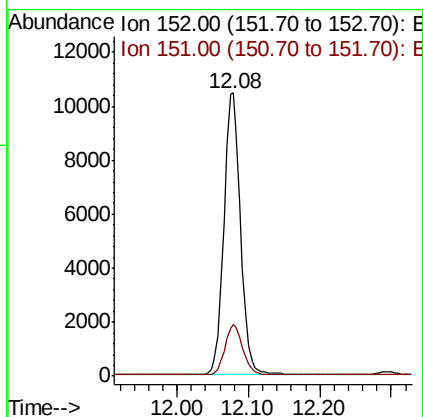
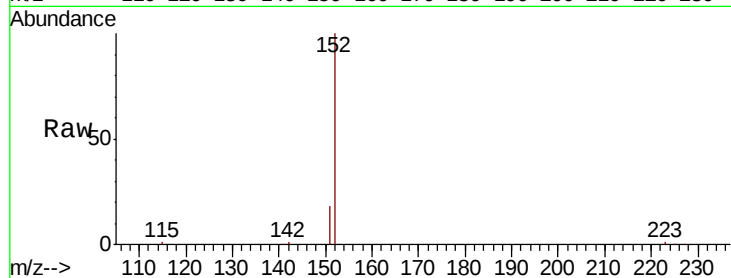




#11
2-Methylnaphthalene-d10
Concen: 1.680 ng
RT: 12.08 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

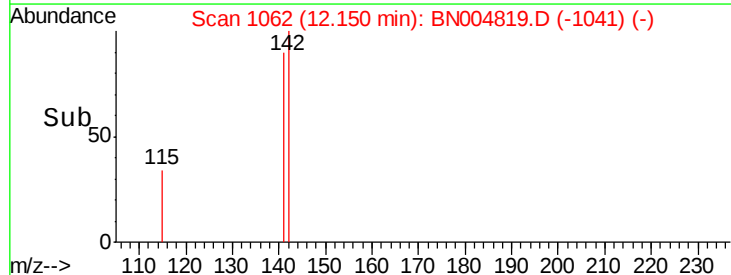
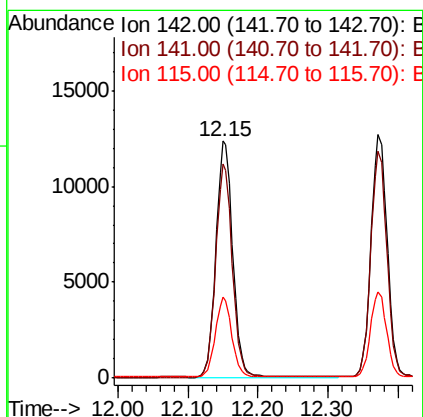
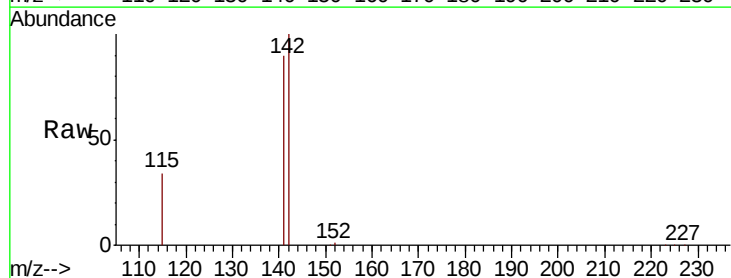
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

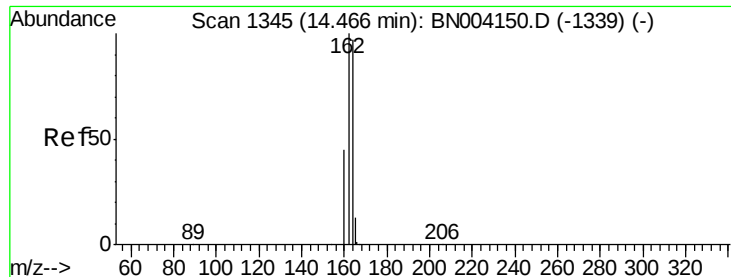
Tot Ion:152 Resp: 17282
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3



#12
2-Methylnaphthalene
Concen: 1.870 ng
RT: 12.15 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

Tgt Ion:142 Resp: 20572
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2
115 33.9 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

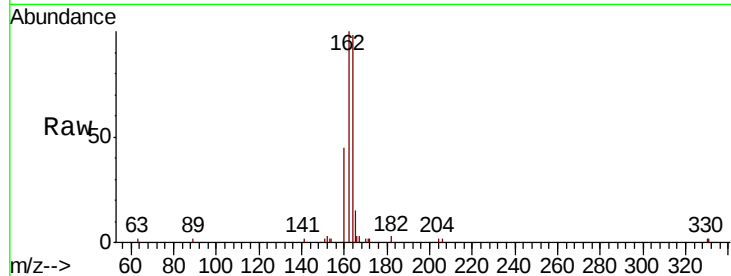
Tot Ion:164 Resp: 4050

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

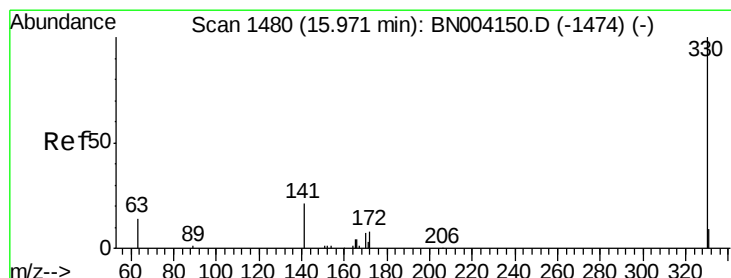
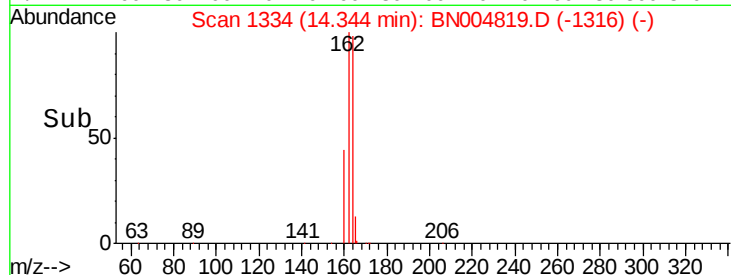
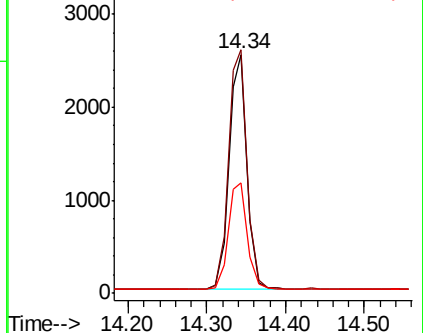
160 46.3 36.6 54.8



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: 1.834 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

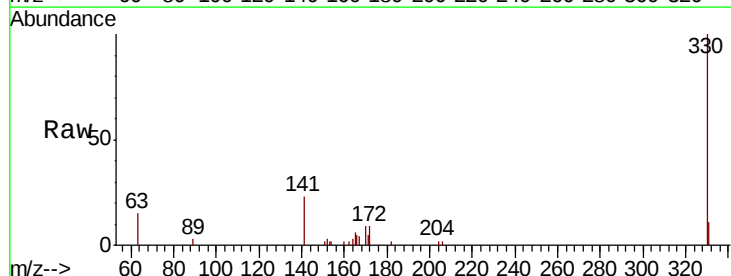
Tgt Ion:330 Resp: 4449

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

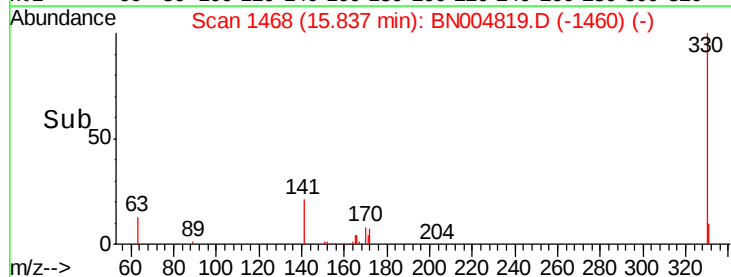
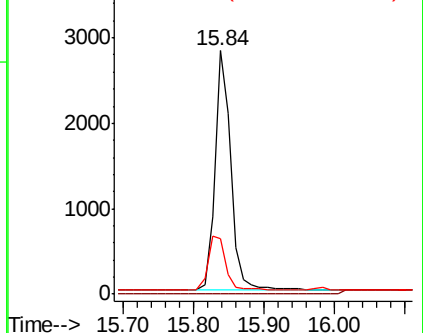
141 24.9 20.9 31.3

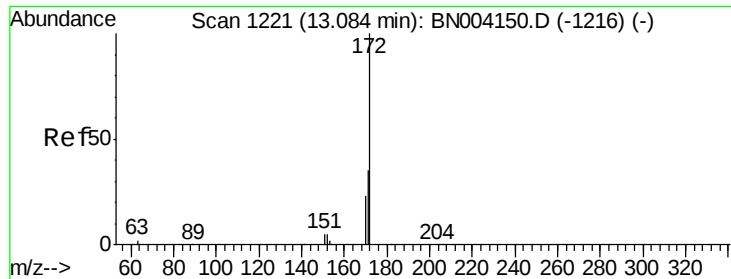


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

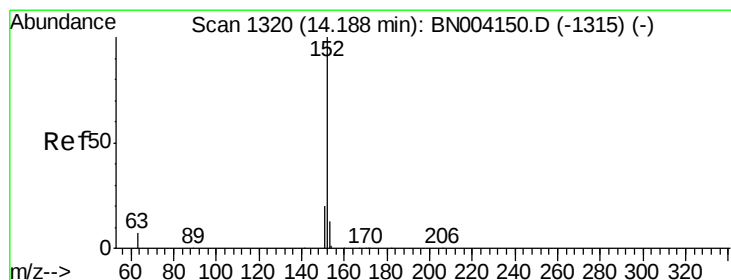
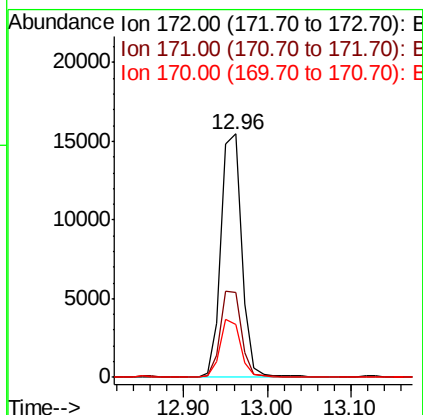
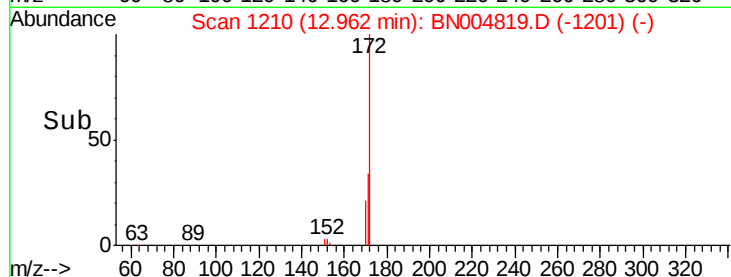
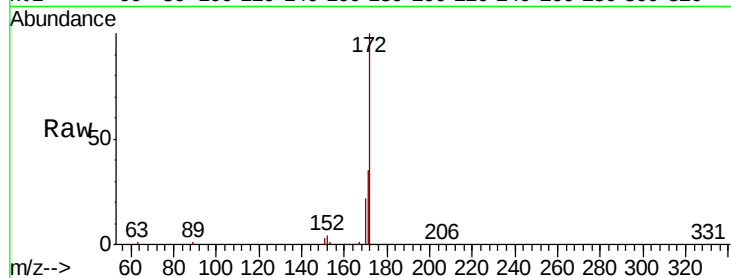




#15
2-Fluorobiphenyl
Concen: 1.629 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

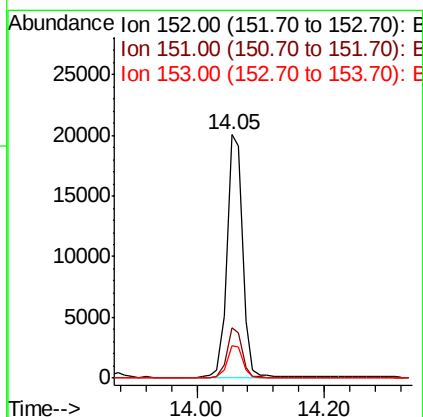
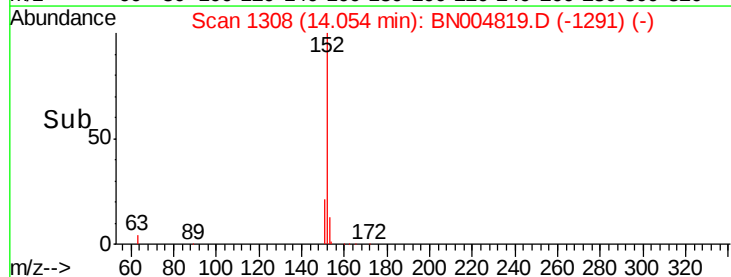
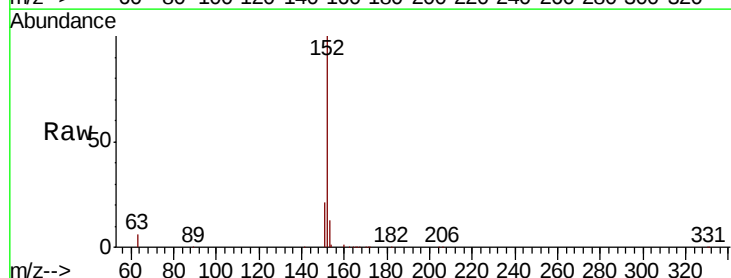
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

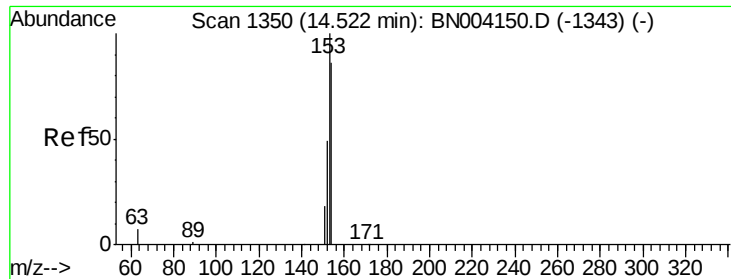
Tot Ion:172 Resp: 26329
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 21.8 18.7 28.1



#16
Acenaphthylene
Concen: 1.792 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

Tgt Ion:152 Resp: 34129
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 1.758 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

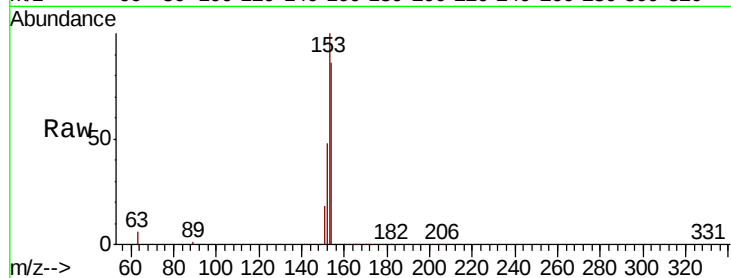
Tot Ion:154 Resp: 21942

Ion Ratio Lower Upper

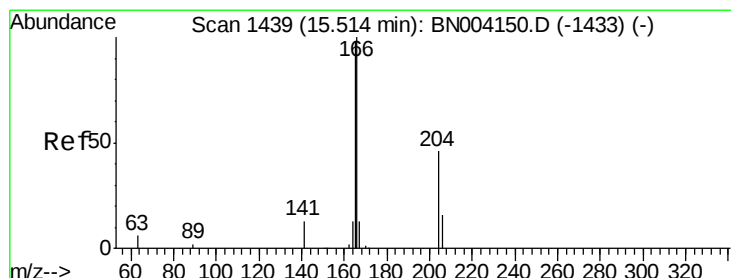
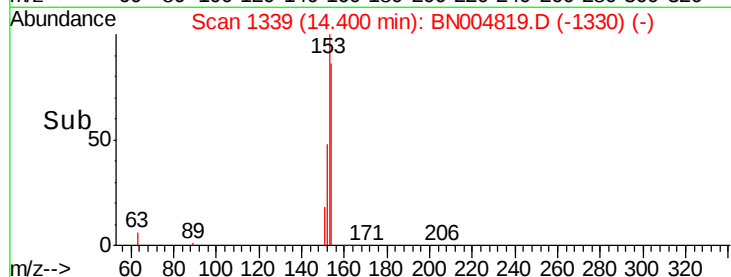
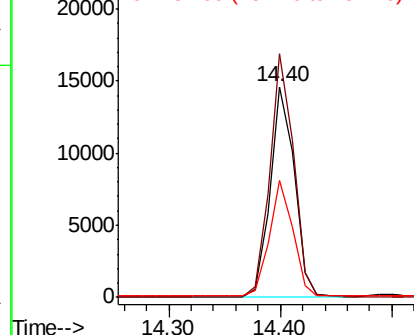
154 100

153 113.9 91.4 137.2

152 54.3 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: 1.947 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

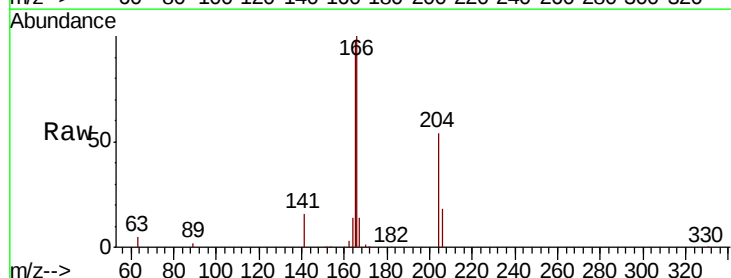
Tgt Ion:166 Resp: 30695

Ion Ratio Lower Upper

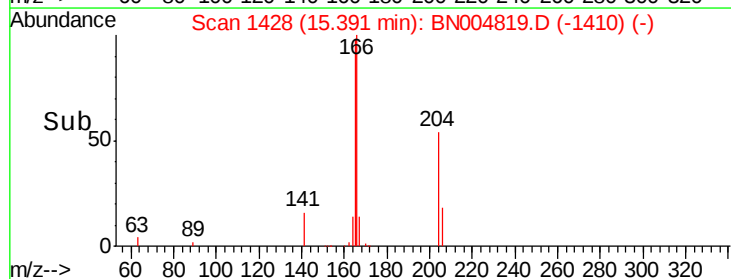
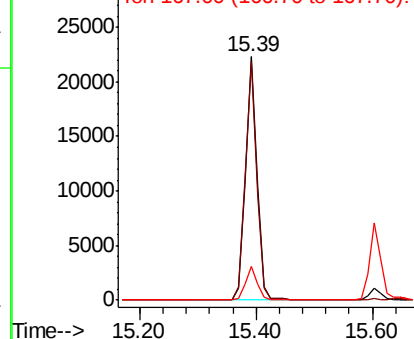
166 100

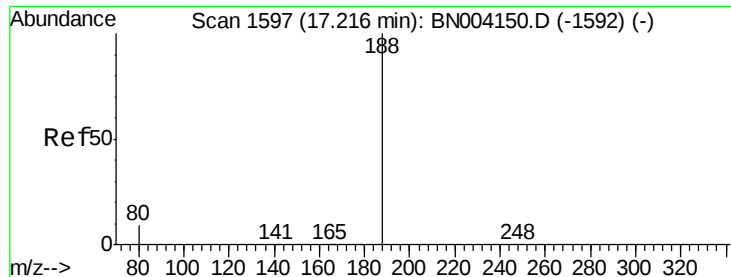
165 98.1 78.2 117.4

167 13.5 11.0 16.4



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: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

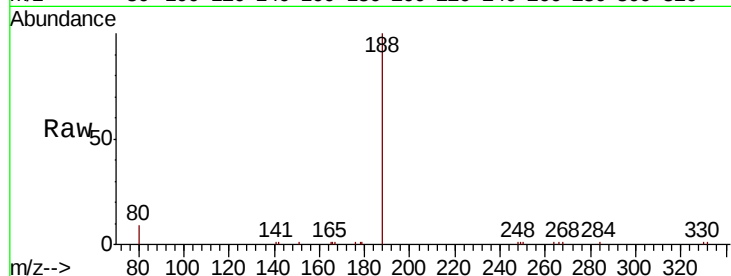
Tot Ion:188 Resp: 10191

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

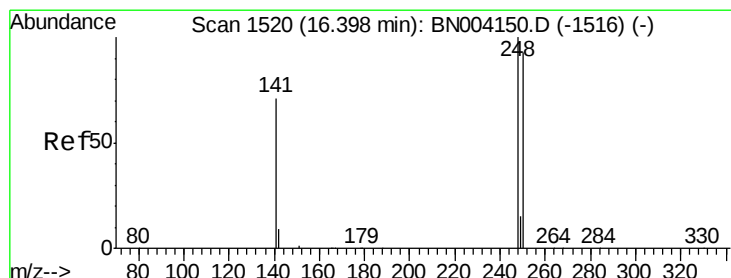
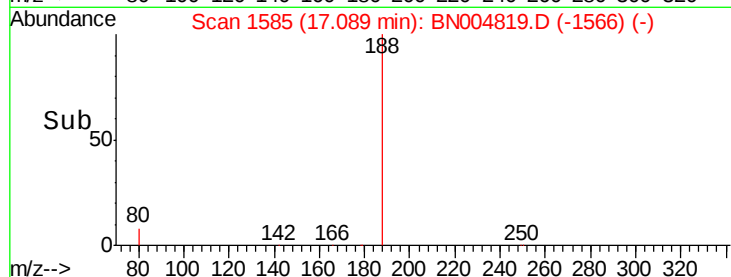
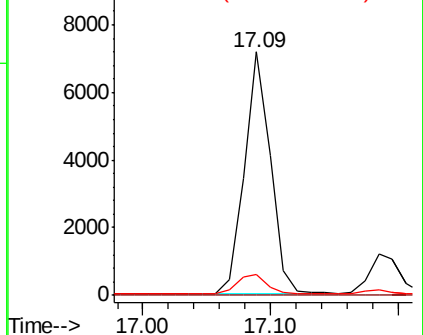
80 8.5 7.4 11.2



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: 1.915 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

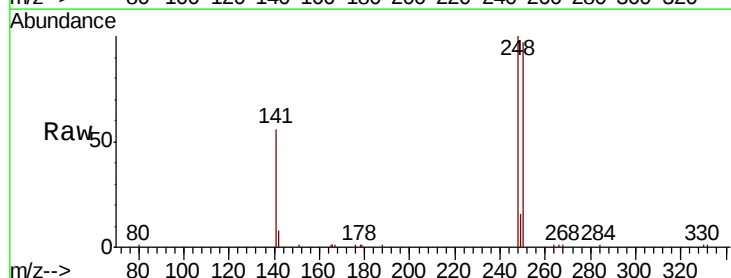
Tgt Ion:248 Resp: 10829

Ion Ratio Lower Upper

248 100

250 97.4 76.2 114.4

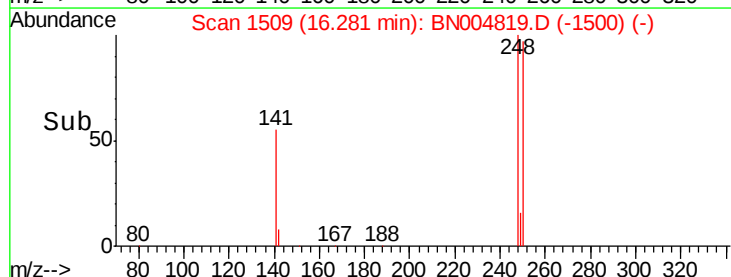
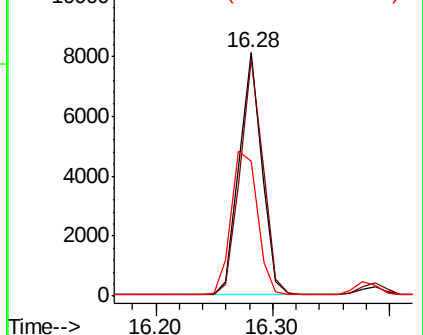
141 55.6 53.9 80.9

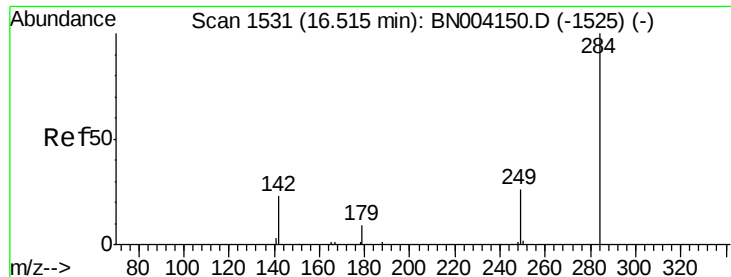


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.926 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

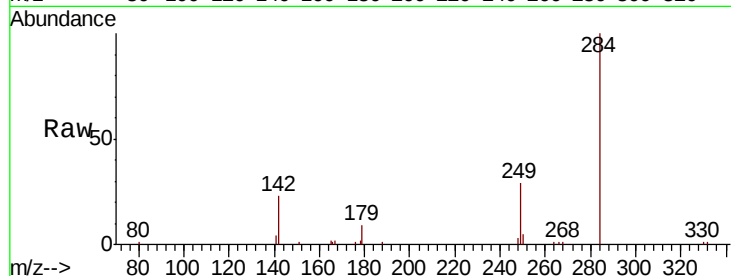
Tot Ion:284 Resp: 12363

Ion Ratio Lower Upper

284 100

142 28.8 22.6 34.0

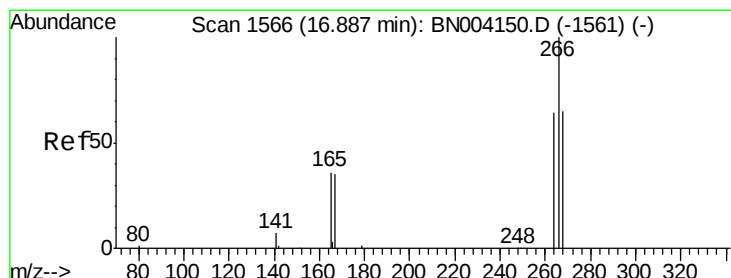
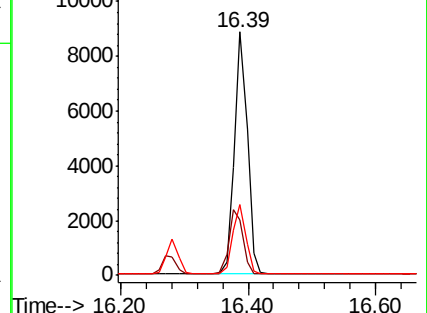
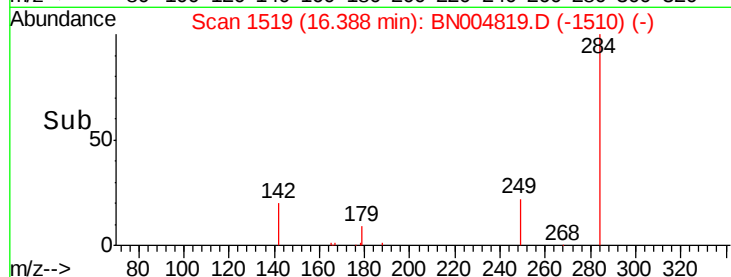
249 29.0 22.5 33.7



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: 1.879 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

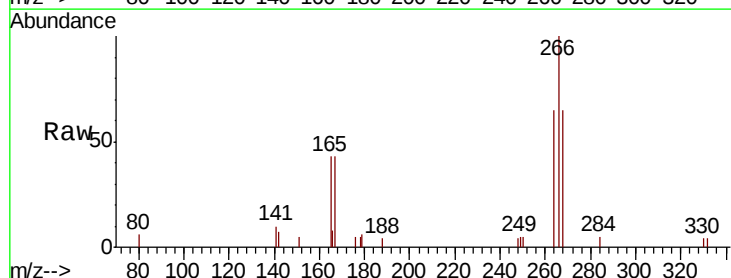
Tgt Ion:266 Resp: 2209

Ion Ratio Lower Upper

266 100

264 64.9 53.1 79.7

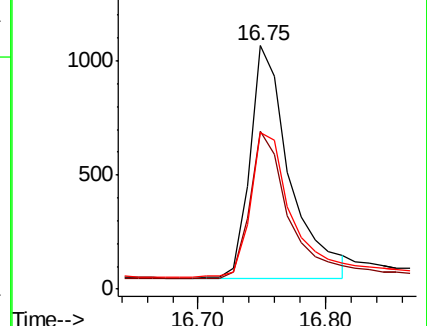
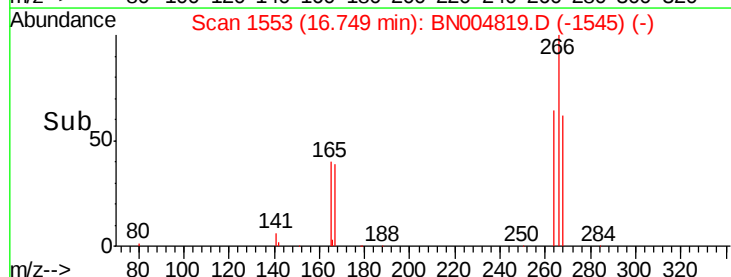
268 64.6 57.7 86.5

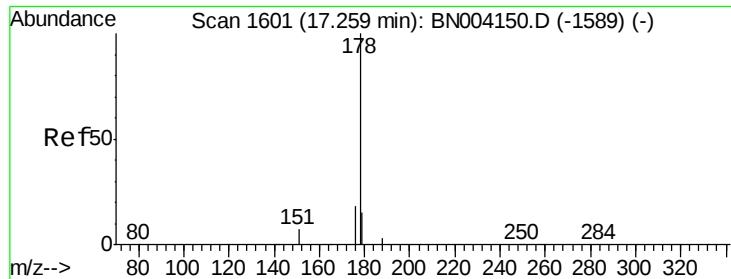


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.928 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

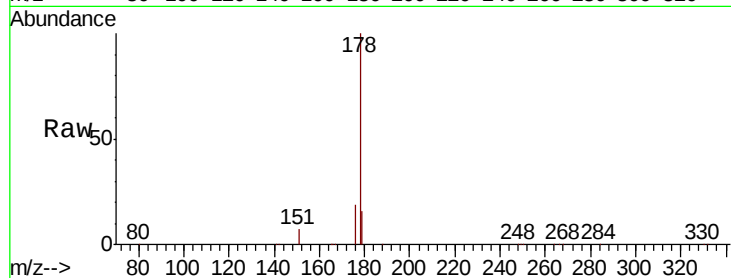
Tot Ion:178 Resp: 53091

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

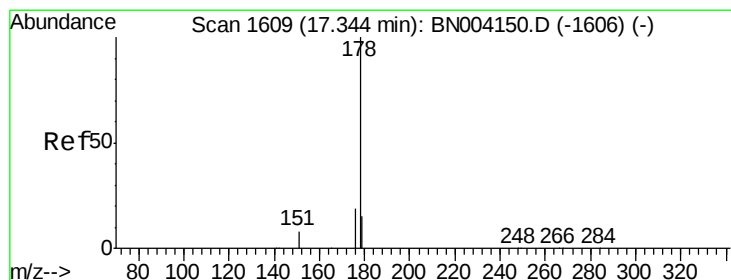
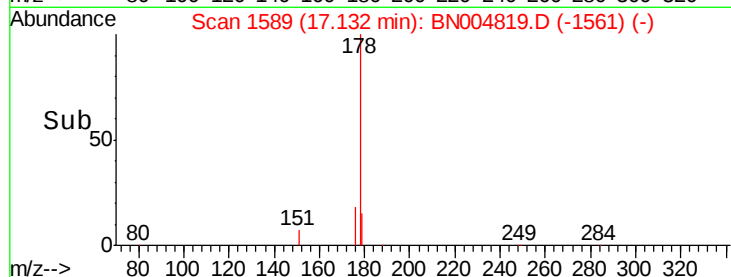
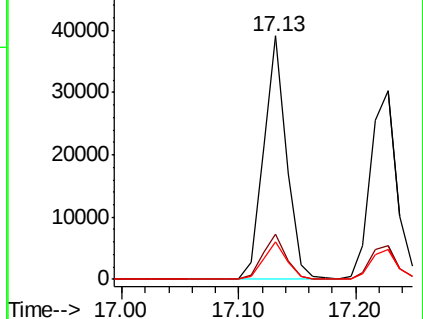
179 15.4 12.1 18.1



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: 1.896 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

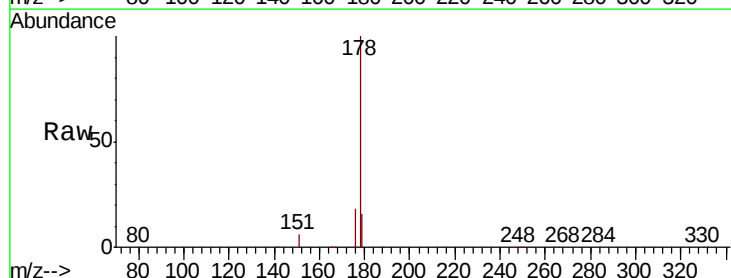
Tgt Ion:178 Resp: 48114

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

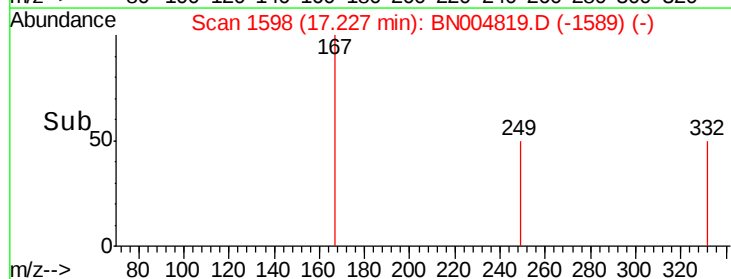
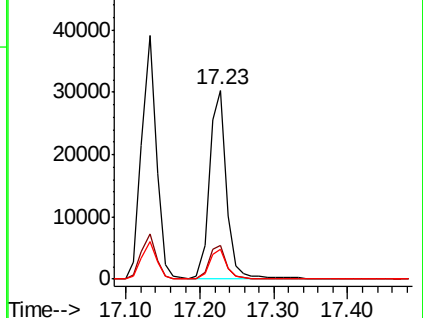
179 15.3 12.2 18.4

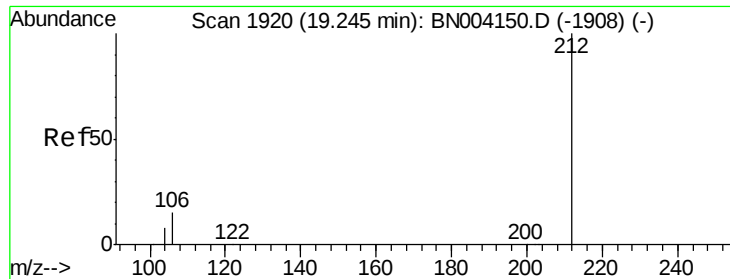


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.825 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

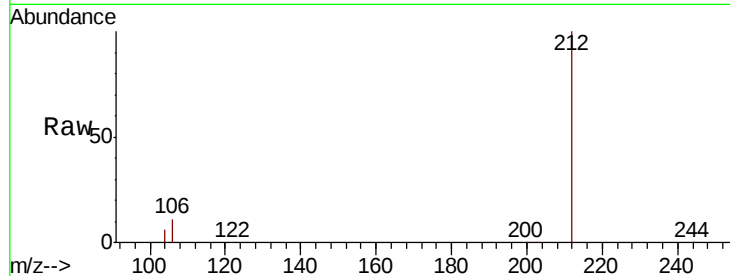
Tot Ion:212 Resp: 54816

Ion Ratio Lower Upper

212 100

106 10.7 8.6 13.0

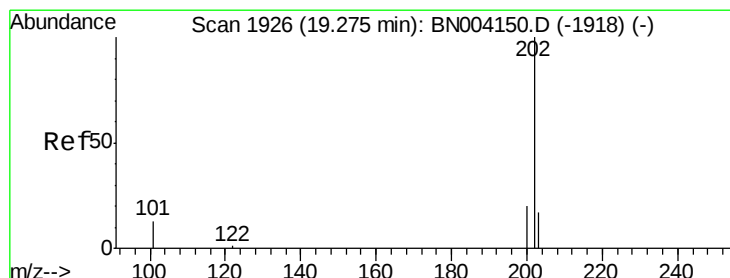
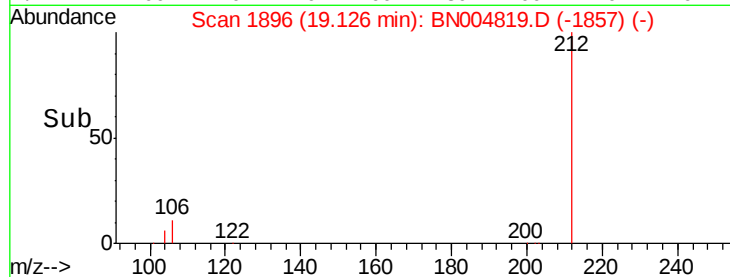
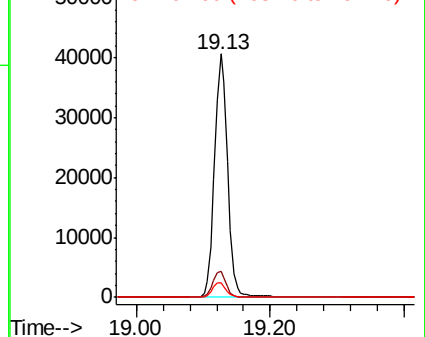
104 5.9 4.7 7.1



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: 2.120 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

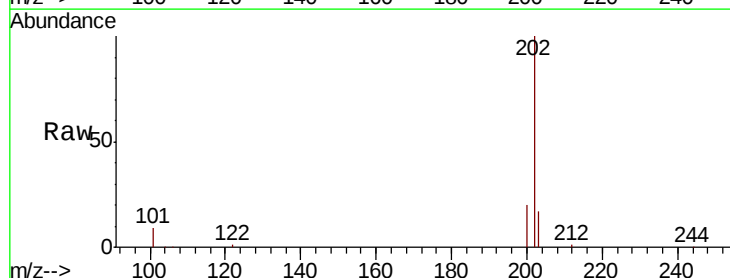
Tgt Ion:202 Resp: 69344

Ion Ratio Lower Upper

202 100

101 9.2 7.5 11.3

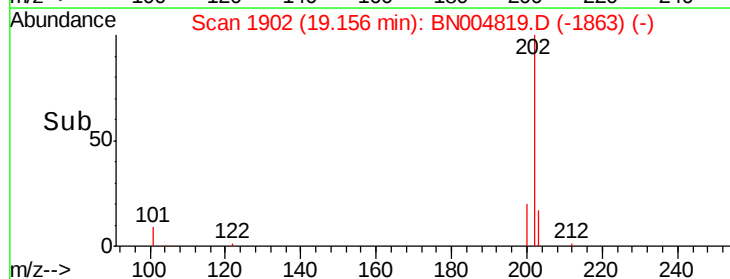
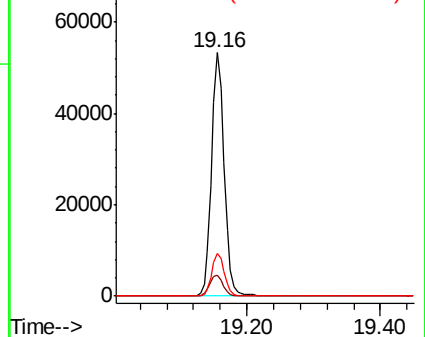
203 17.4 13.8 20.6

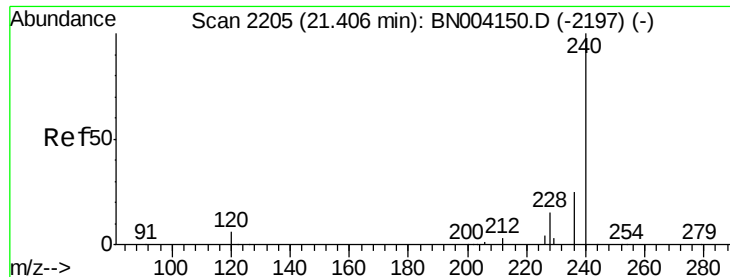


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

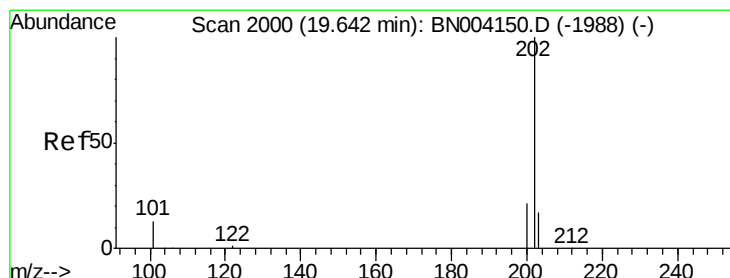
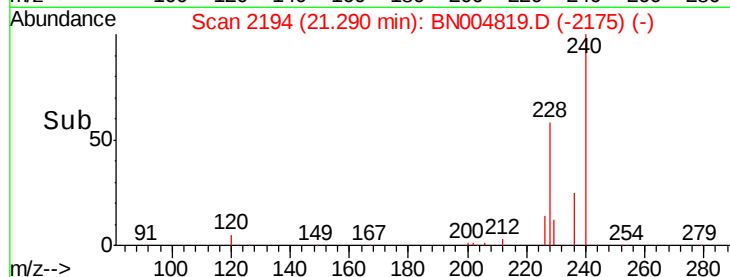
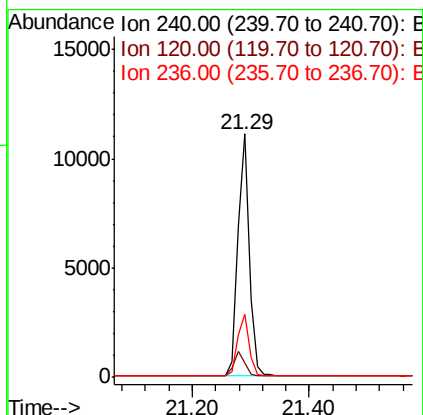
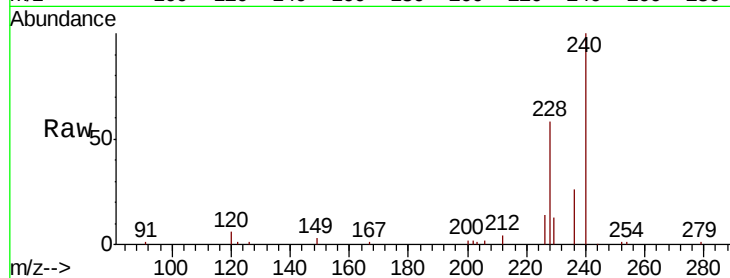




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

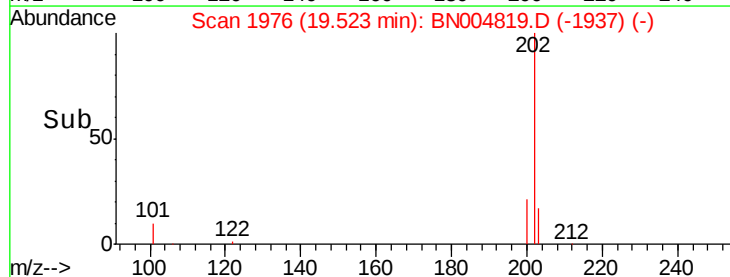
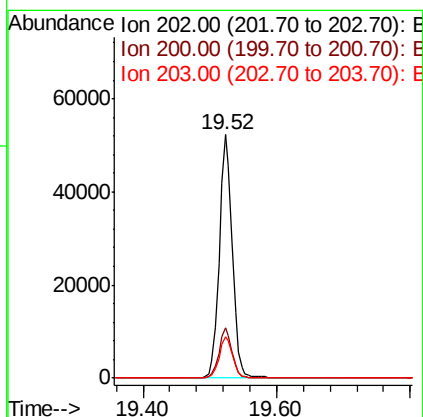
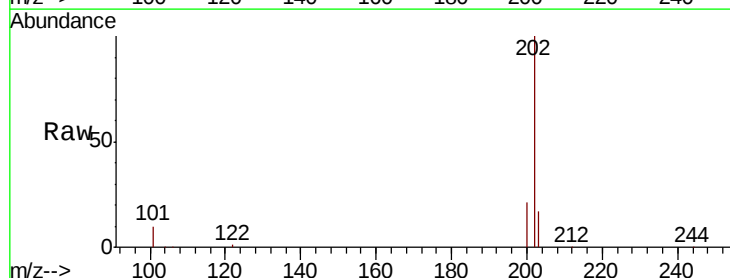
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

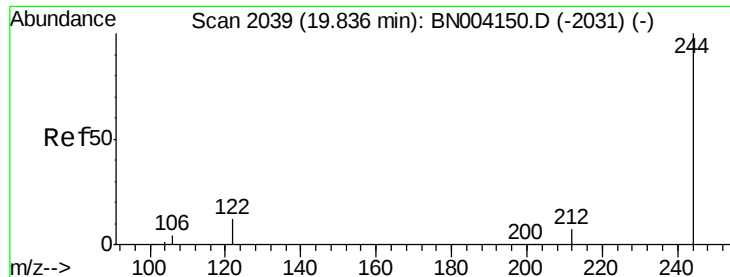
Tot Ion:240 Resp: 14612
Ion Ratio Lower Upper
240 100
120 6.1 7.2 10.8#
236 25.7 20.9 31.3



#28
Pyrene
Concen: 1.532 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004819.D
Acq: 20 Mar 2019 13:30

Tgt Ion:202 Resp: 70095
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 1.297 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

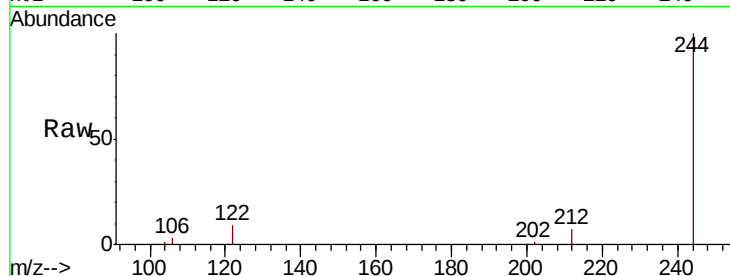
Tot Ion:244 Resp: 46916

Ion Ratio Lower Upper

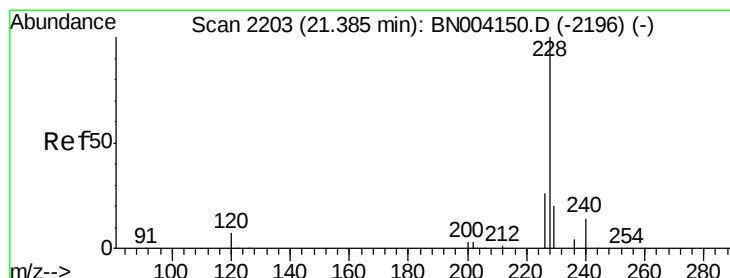
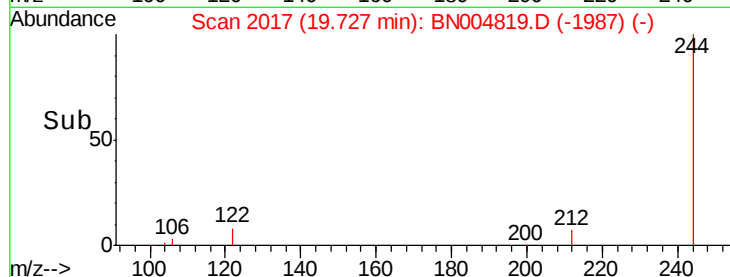
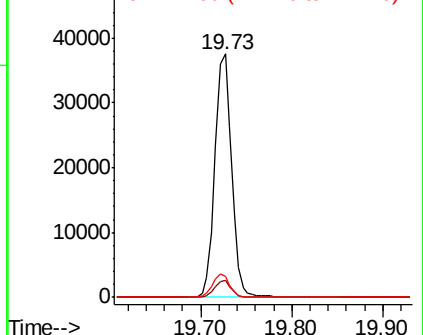
244 100

212 6.8 5.8 8.6

122 8.5 7.9 11.9



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: 1.872 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

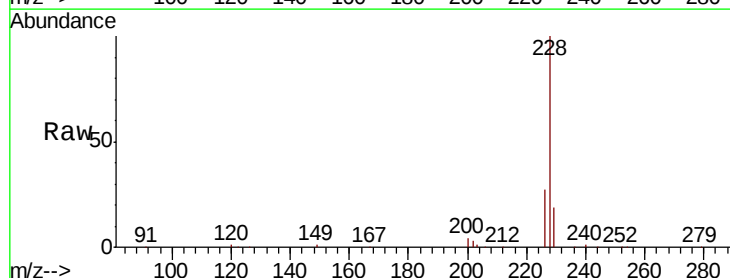
Tgt Ion:228 Resp: 75983

Ion Ratio Lower Upper

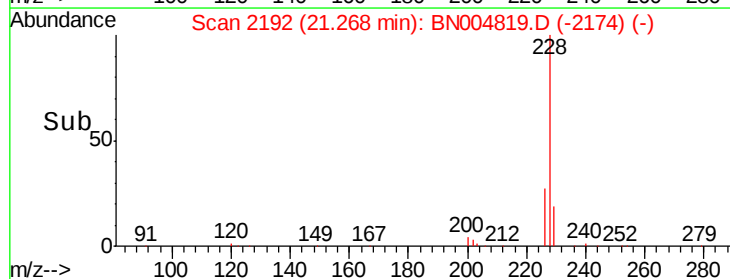
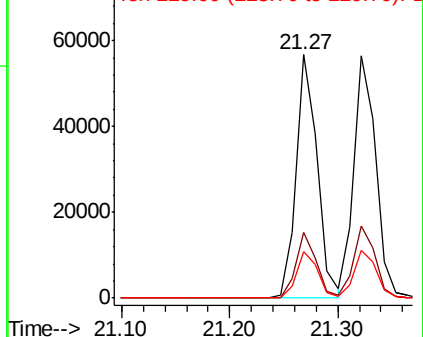
228 100

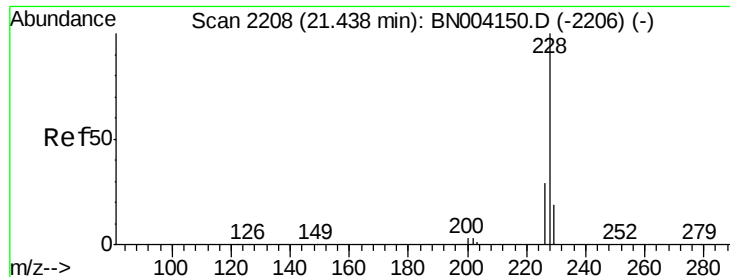
226 27.1 20.6 31.0

229 19.4 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





#31

Chrysene

Concen: 1.919 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

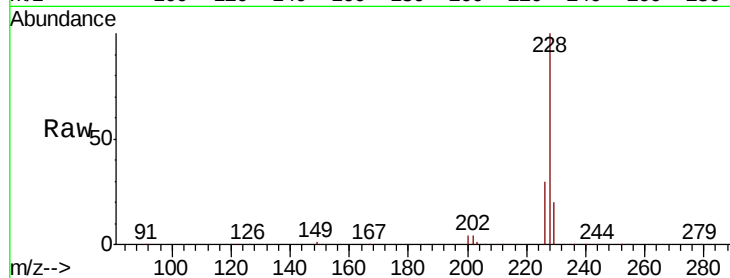
BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 79623

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.5	16.2	24.2

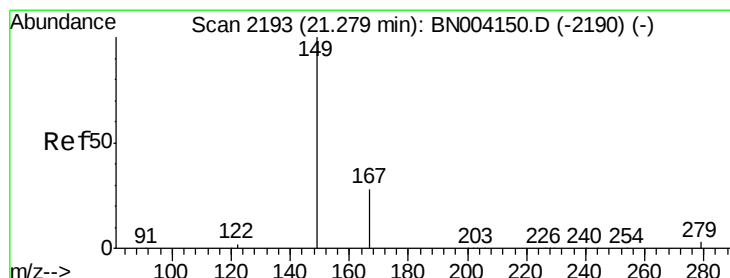
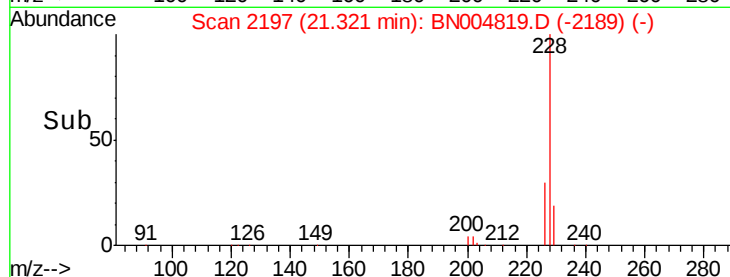
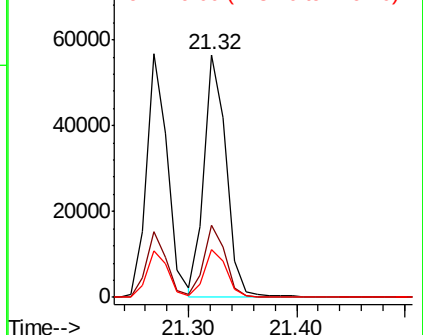


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.074 ng

RT: 21.18 min Scan# 2184

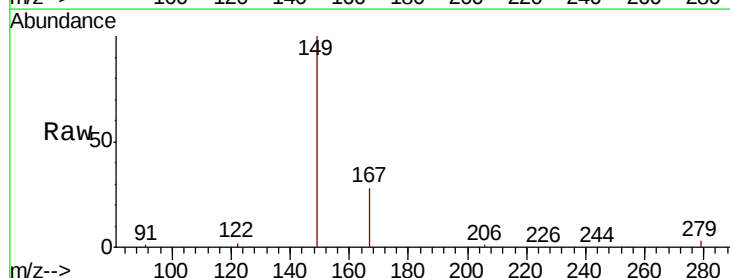
Delta R.T. 0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Tgt Ion:149 Resp: 26678

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	5.5	4.6	6.8

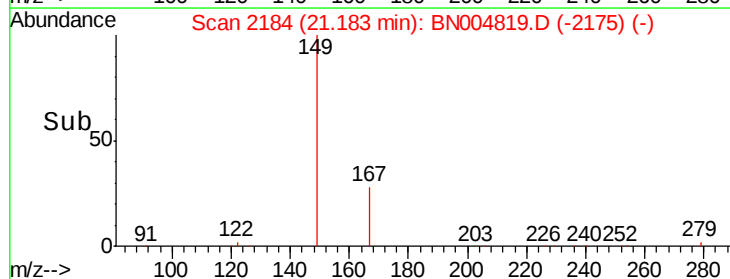
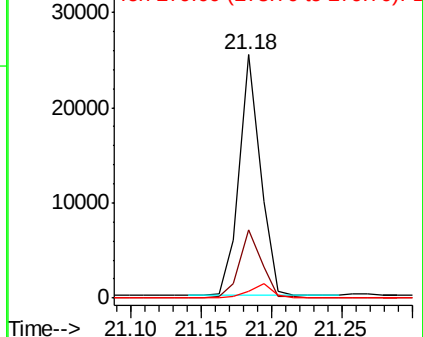


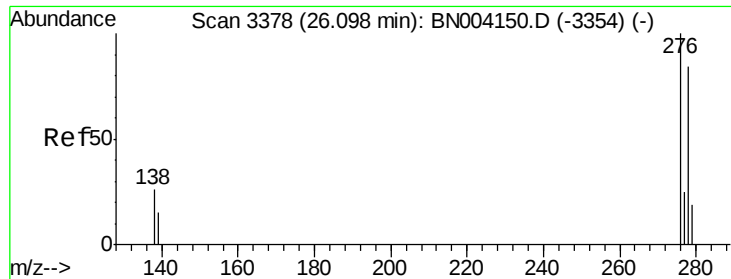
Abundance

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: 2.625 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

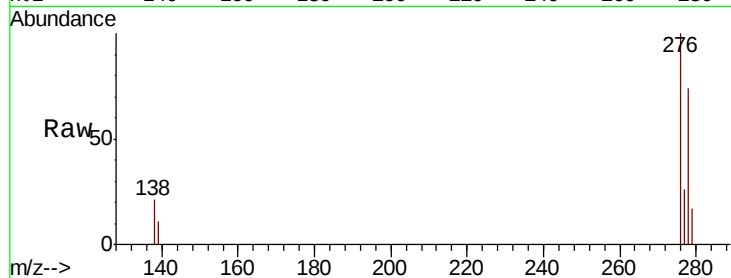
Tot Ion:276 Resp: 116153

Ion Ratio Lower Upper

276 100

138 20.8 16.6 24.8

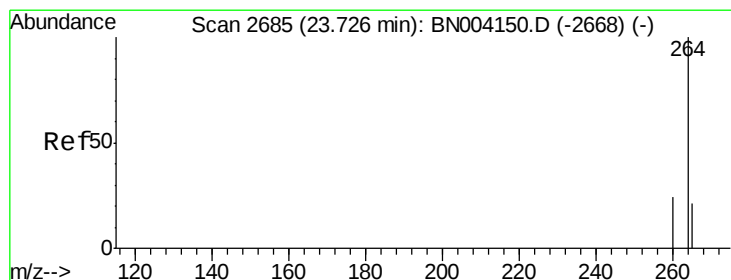
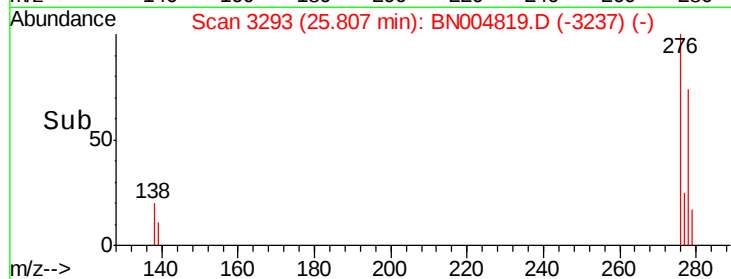
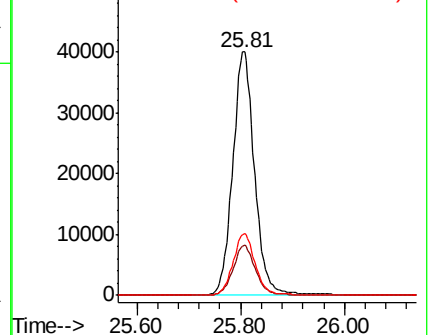
277 25.4 20.3 30.5



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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

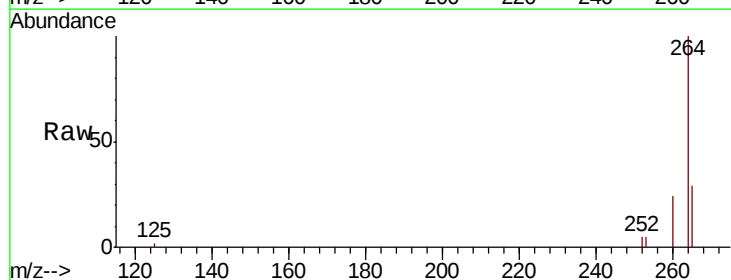
Tgt Ion:264 Resp: 15196

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

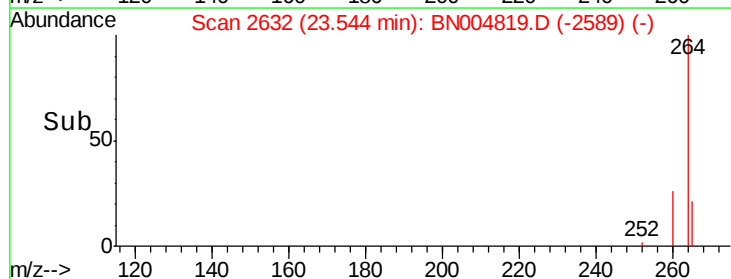
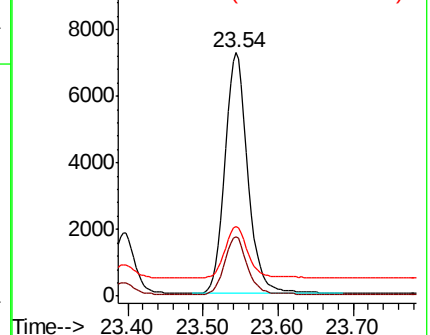
265 28.7 23.1 34.7

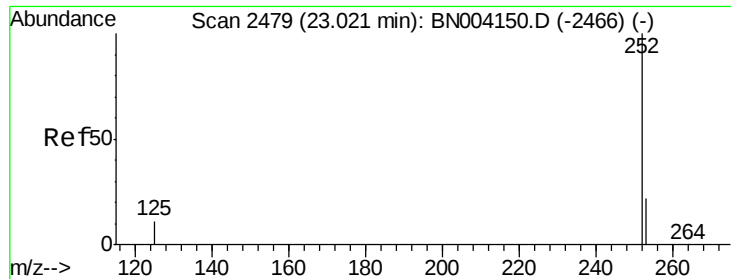


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.046 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

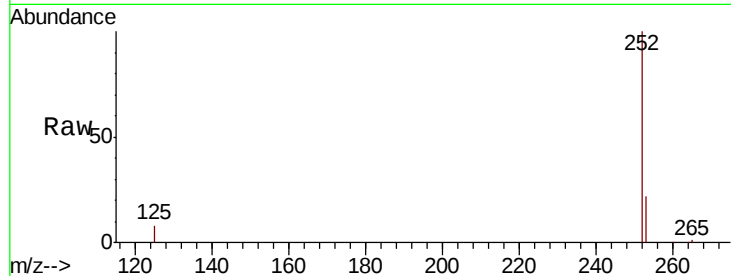
Tot Ion:252 Resp: 89447

Ion Ratio Lower Upper

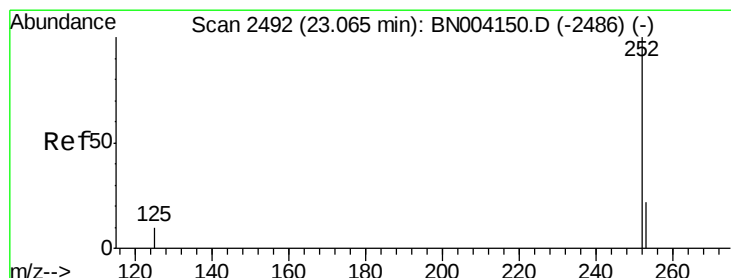
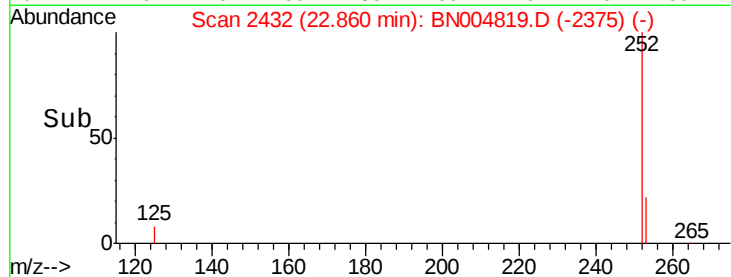
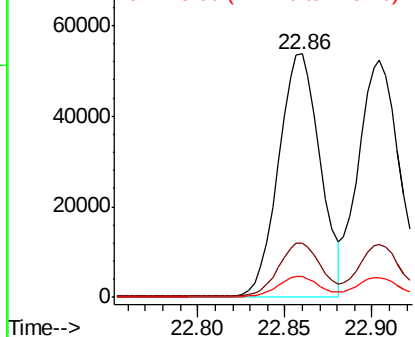
252 100

253 22.2 19.0 28.4

125 8.5 7.4 11.2



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: 1.893 ng

RT: 22.90 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

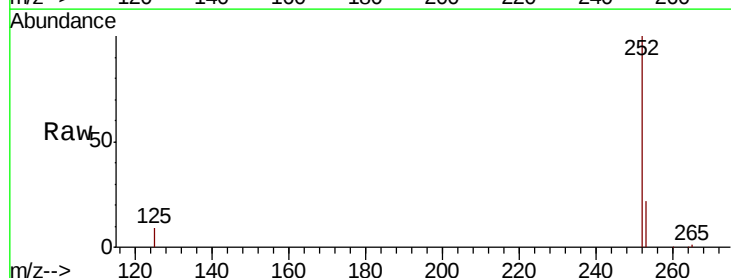
Tgt Ion:252 Resp: 87078

Ion Ratio Lower Upper

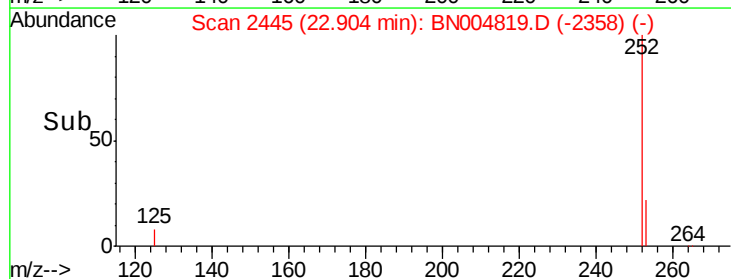
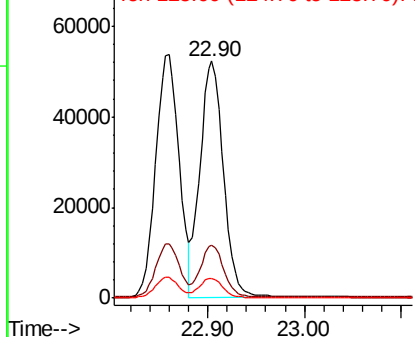
252 100

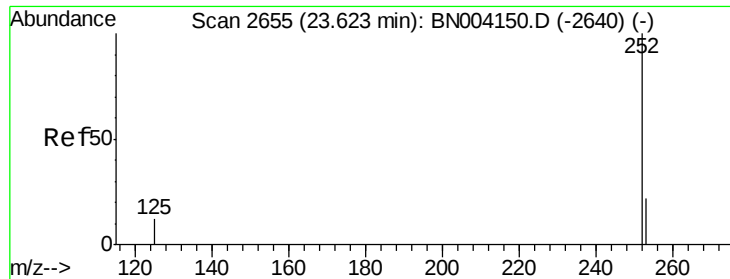
253 22.3 19.3 28.9

125 8.5 7.4 11.0



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





#37

Benzo(a)pyrene

Concen: 1.993 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

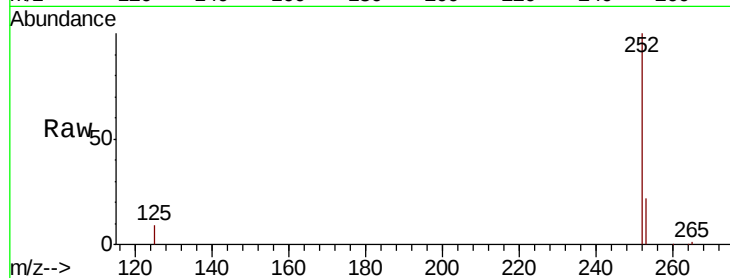
Tot Ion:252 Resp: 82462

Ion Ratio Lower Upper

252 100

253 22.3 19.7 29.5

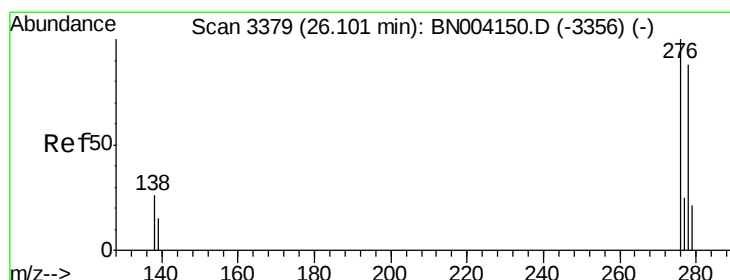
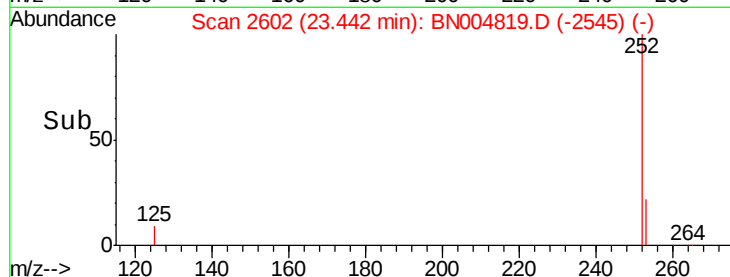
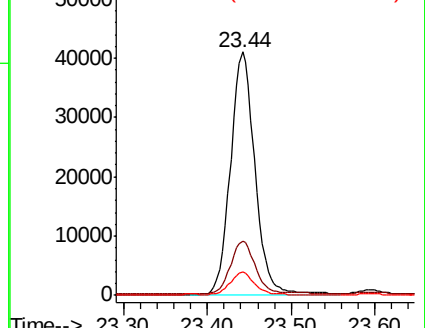
125 9.4 8.3 12.5



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: 2.320 ng

RT: 25.82 min Scan# 3296

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

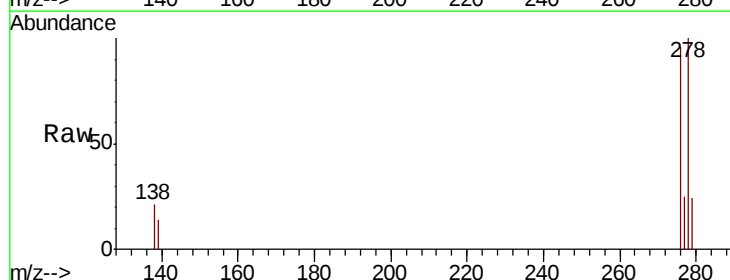
Tgt Ion:278 Resp: 96068

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

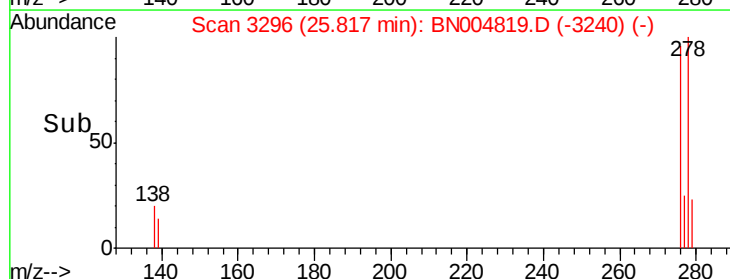
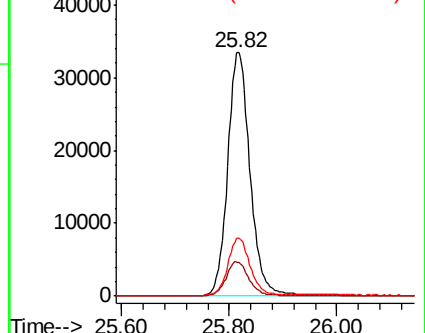
279 23.6 19.9 29.9

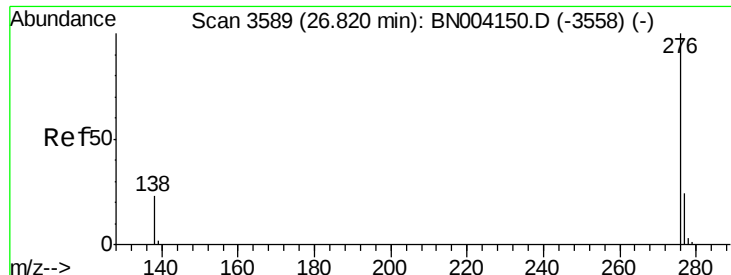


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.354 ng

RT: 26.51 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BN004819.D

Acq: 20 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

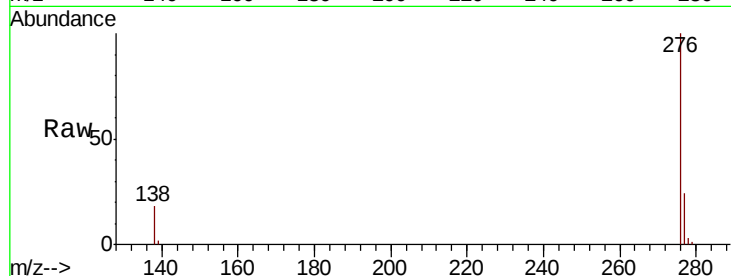
Tot Ion:276 Resp: 96535

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 17.8 14.6 22.0



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

