

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004822.D
 Acq On : 20 Mar 2019 16:58
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032019

Quant Time: Mar 20 17:41:41 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 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1315	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	5827	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3776	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	9858	0.40	ng	0.00
27) Chrysene-d12	21.29	240	13410	0.40	ng	0.00
34) Perylene-d12	23.55	264	15107	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1369	0.38	ng	0.00
5) Phenol-d6	6.88	99	1686	0.38	ng	0.00
8) Nitrobenzene-d5	8.87	82	1423	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4047	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	936	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6391	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	12843	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11215	0.41	ng	0.00

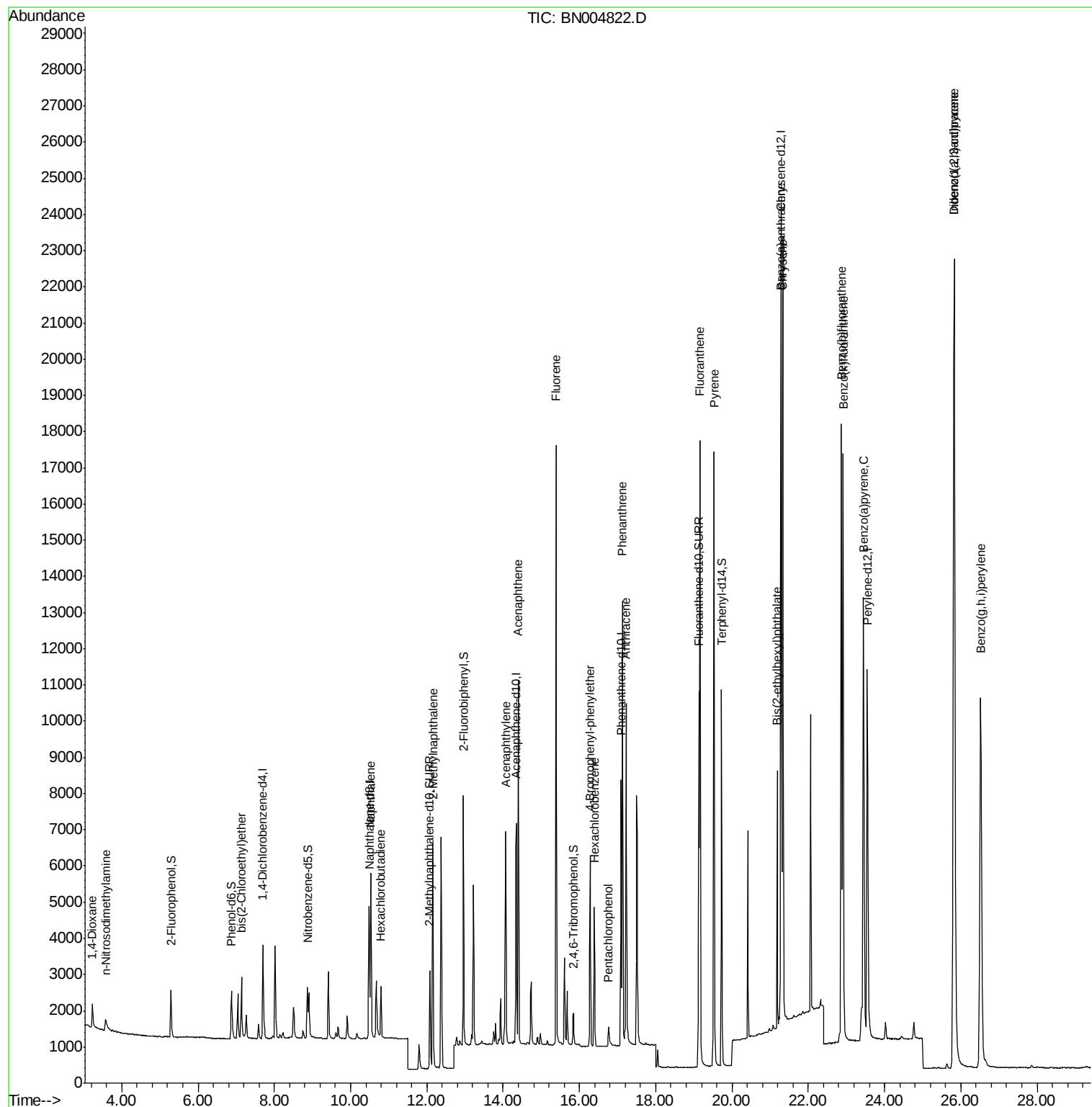
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	585	0.391	ng	99
3) n-Nitrosodimethylamine	3.59	42	327	0.370	ng	# 97
6) bis(2-Chloroethyl)ether	7.14	93	1572	0.392	ng	98
9) Naphthalene	10.53	128	6538	0.400	ng	100
10) Hexachlorobutadiene	10.80	225	1282	0.411	ng	# 98
12) 2-Methylnaphthalene	12.15	142	4845	0.399	ng	100
16) Acenaphthylene	14.07	152	7326	0.377	ng	100
17) Acenaphthene	14.40	154	5119	0.402	ng	100
18) Fluorene	15.39	166	7166	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2585	0.401	ng	97
21) Hexachlorobenzene	16.39	284	2981	0.404	ng	99
22) Pentachlorophenol	16.76	266	409	0.284	ng	98
23) Phenanthrene	17.13	178	12640	0.397	ng	100
24) Anthracene	17.23	178	10892	0.383	ng	100
26) Fluoranthene	19.16	202	16208	0.396	ng	99
28) Pyrene	19.53	202	16591	0.406	ng	100
30) Benzo(a)anthracene	21.28	228	17736	0.403	ng	98
31) Chrysene	21.33	228	18912	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	6557	0.373	ng	99
33) Indeno(1,2,3-cd)pyrene	25.82	276	28608	0.427	ng	100
35) Benzo(b)fluoranthene	22.87	252	22590	0.413	ng	100
36) Benzo(k)fluoranthene	22.91	252	21250	0.395	ng	100
37) Benzo(a)pyrene	23.45	252	20205	0.403	ng	100
38) Dibenzo(a,h)anthracene	25.83	278	23642	0.407	ng	100
39) Benzo(g,h,i)perylene	26.52	276	24139	0.408	ng	100

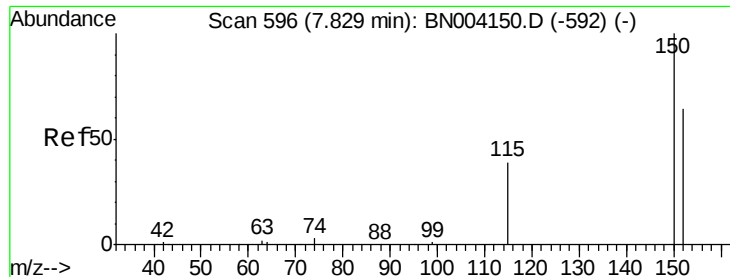
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

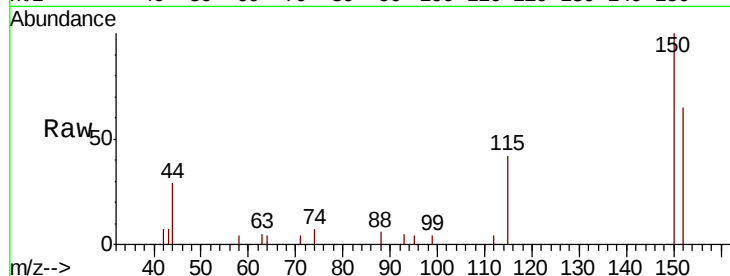
Tot Ion:152 Resp: 1315

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.4

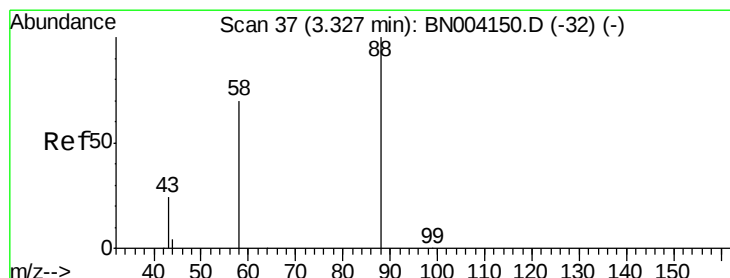
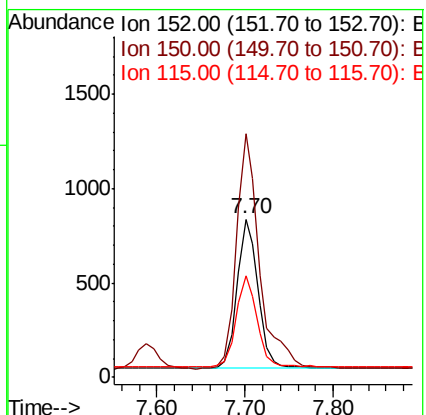
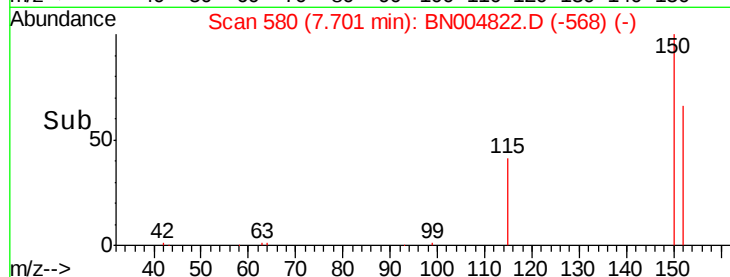
115 64.5 52.6 79.0



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: 0.391 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

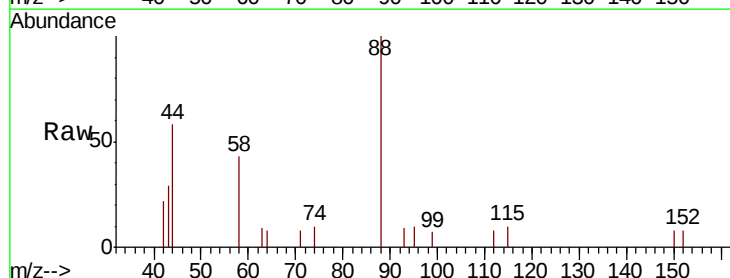
Tgt Ion: 88 Resp: 585

Ion Ratio Lower Upper

88 100

58 64.3 51.4 77.2

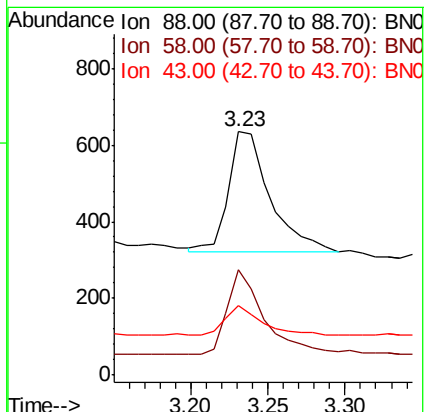
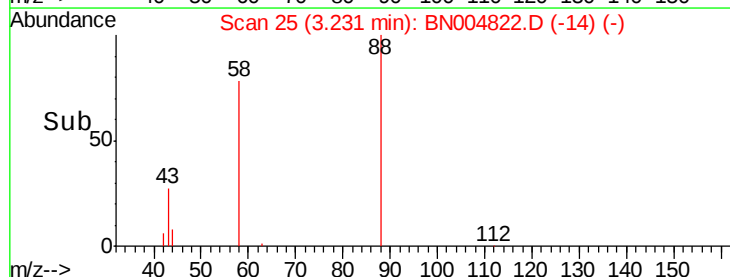
43 22.7 20.0 30.0

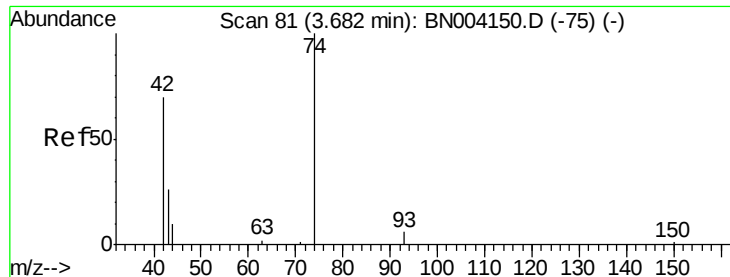


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

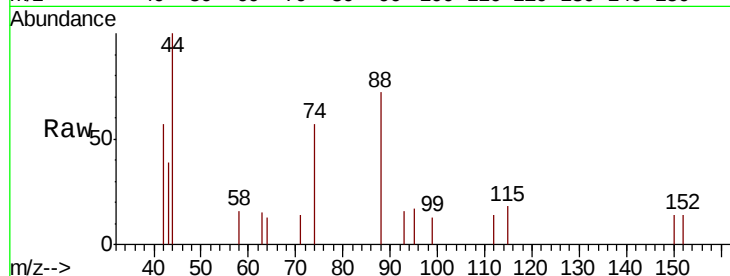
Tot Ion: 42 Resp: 327

Ion Ratio Lower Upper

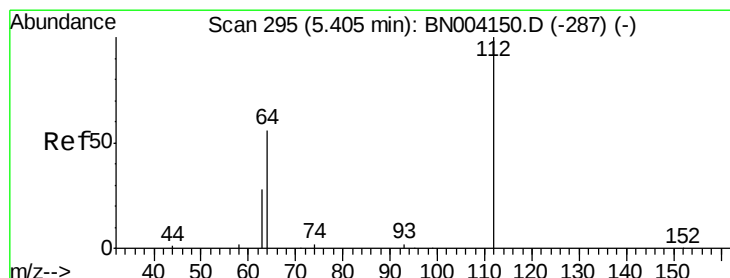
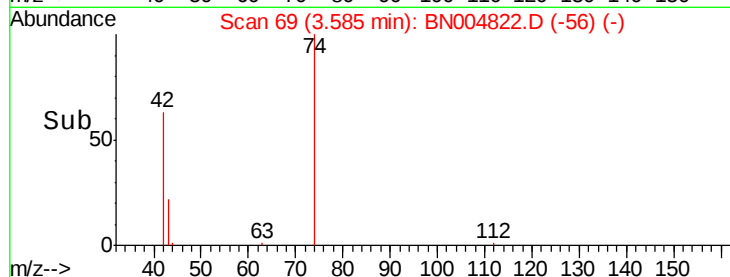
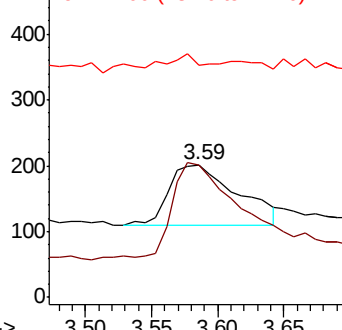
42 100

74 157.8 128.4 192.6

44 14.4 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: 0.383 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

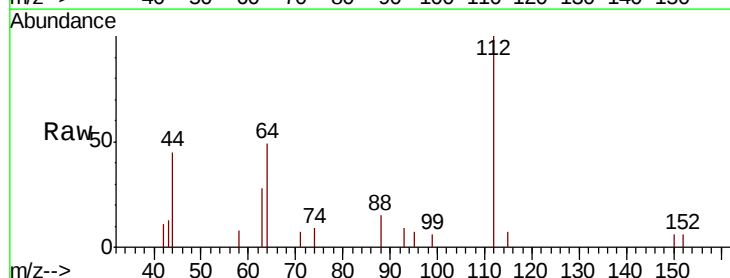
Tgt Ion: 112 Resp: 1369

Ion Ratio Lower Upper

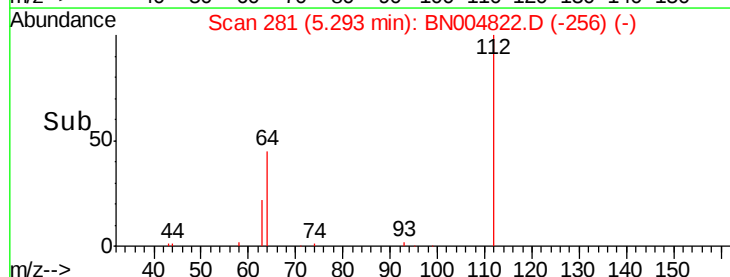
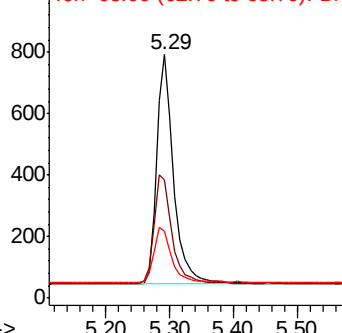
112 100

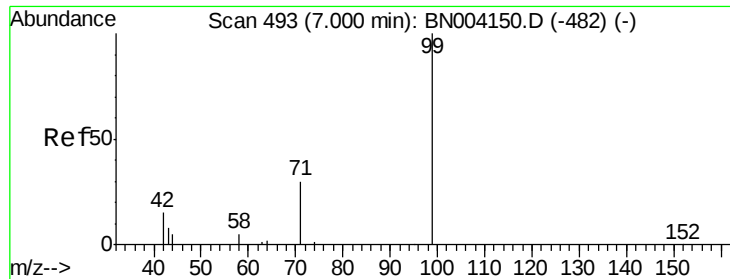
64 50.2 40.0 60.0

63 26.3 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: 0.379 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

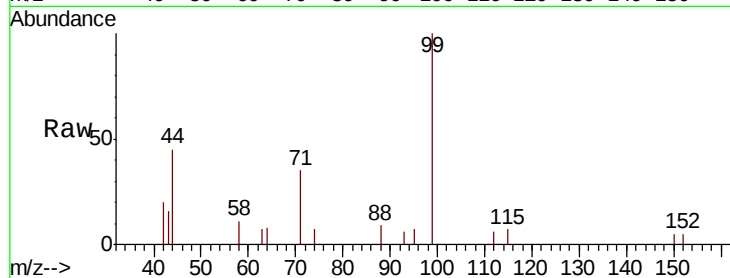
Tot Ion: 99 Resp: 1686

Ion Ratio Lower Upper

99 100

42 15.1 12.7 19.1

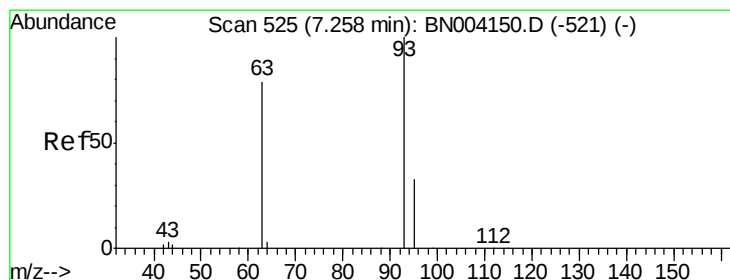
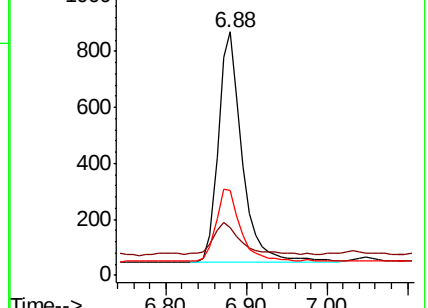
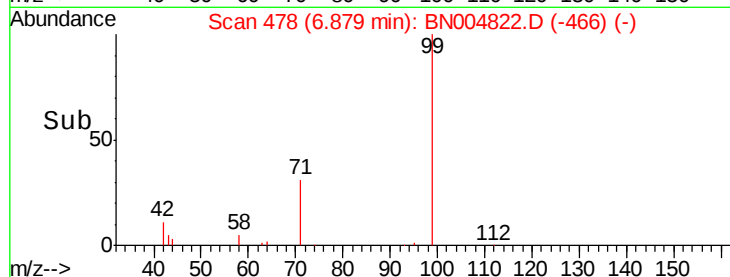
71 32.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004822.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN004822.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN004822.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

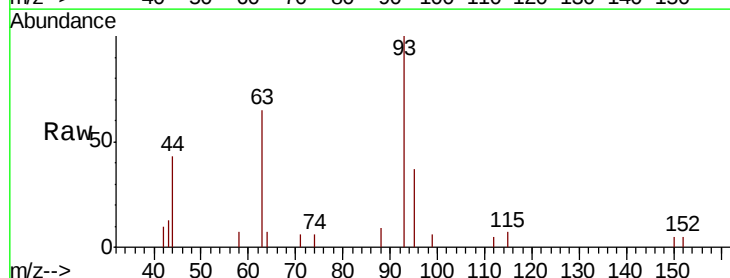
Tgt Ion: 93 Resp: 1572

Ion Ratio Lower Upper

93 100

63 63.6 52.6 78.8

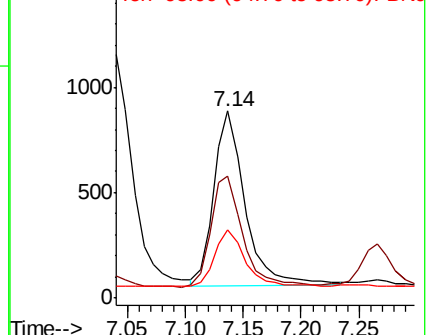
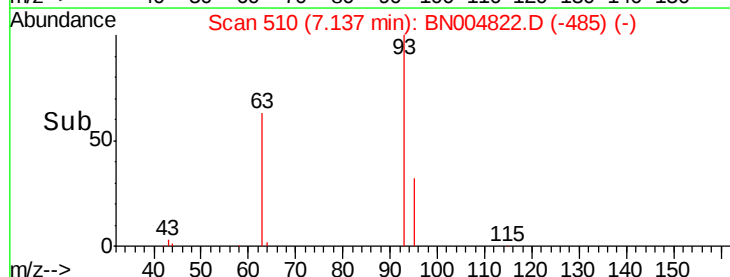
95 32.1 25.9 38.9

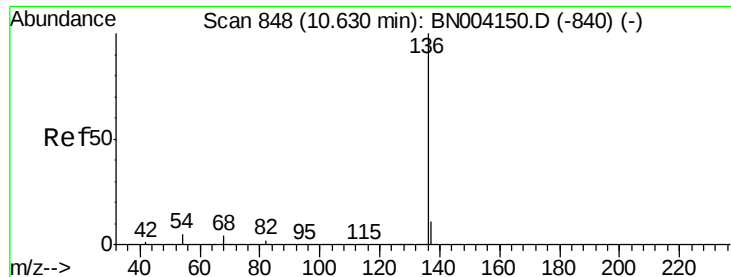


Abundance Ion 93.00 (92.70 to 93.70): BN004822.D (-485) (-)

Ion 63.00 (62.70 to 63.70): BN004822.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BN004822.D (-485) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

Tot Ion:136 Resp: 5827

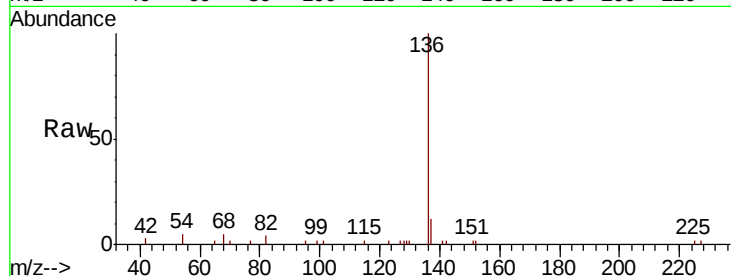
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 5.0 4.2 6.2

68 4.6 3.9 5.9

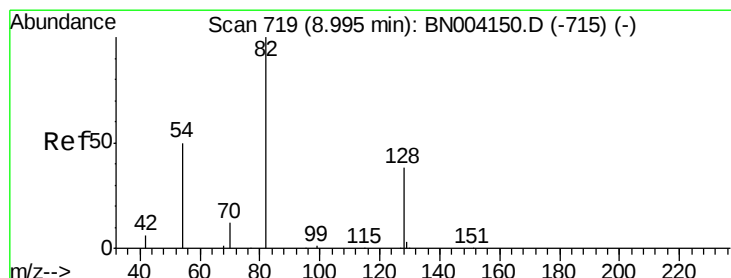
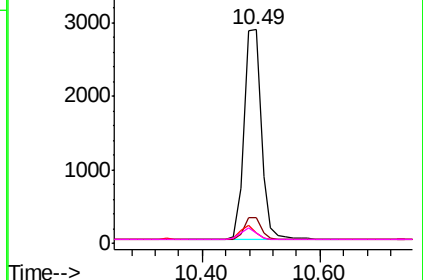
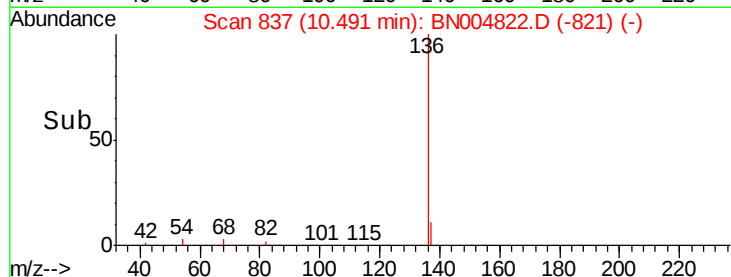


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

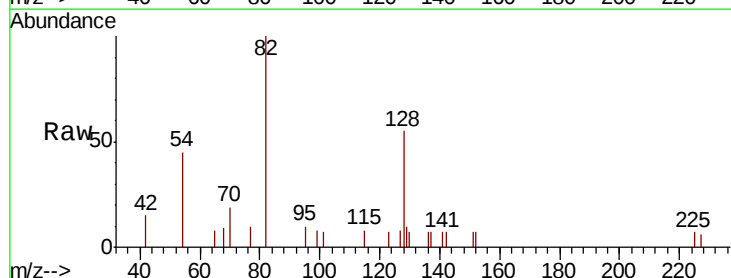
Tgt Ion: 82 Resp: 1423

Ion Ratio Lower Upper

82 100

128 55.3 43.0 64.6

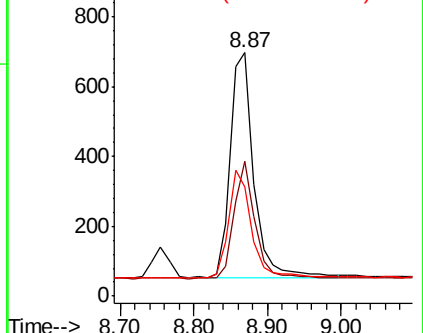
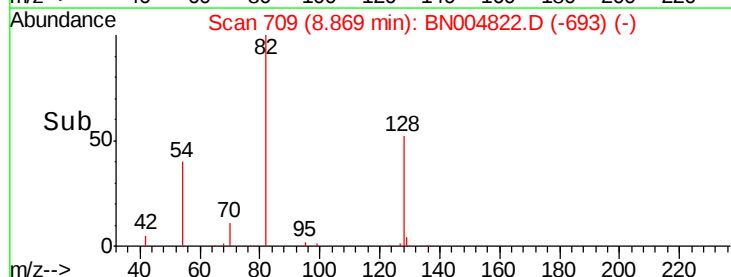
54 44.7 35.3 52.9

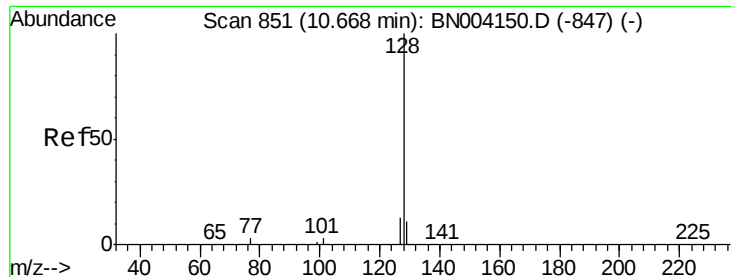


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

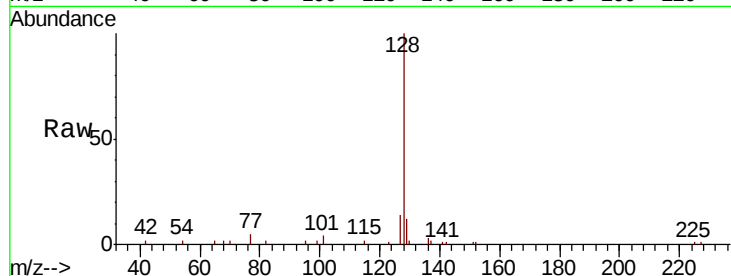
Tot Ion:128 Resp: 6538

Ion Ratio Lower Upper

128 100

129 12.2 9.9 14.9

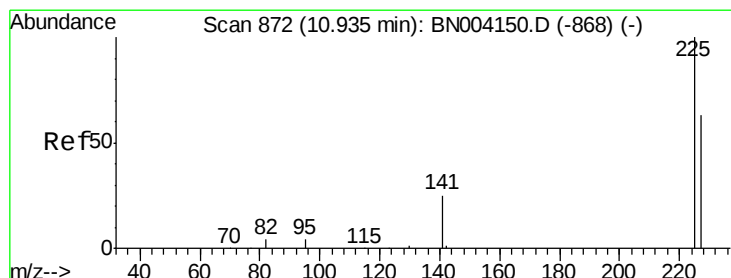
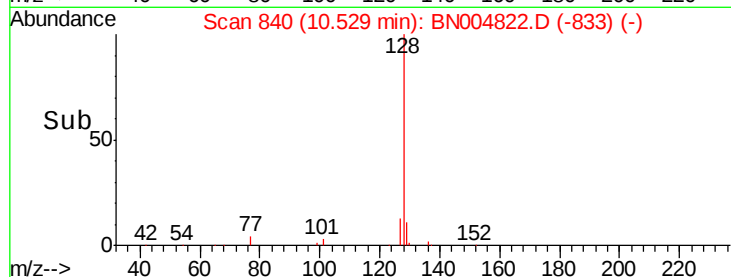
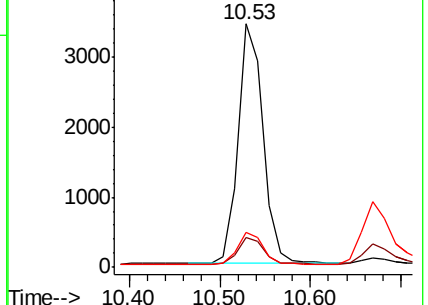
127 14.3 11.3 16.9



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: 0.411 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

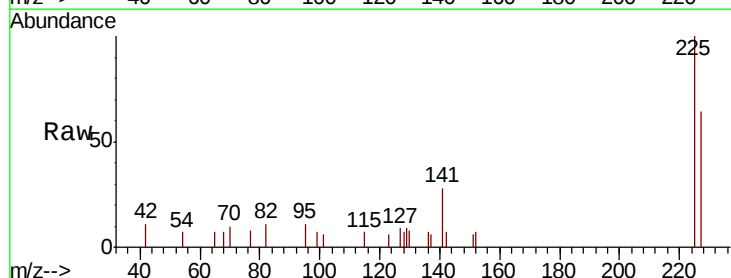
Tgt Ion:225 Resp: 1282

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

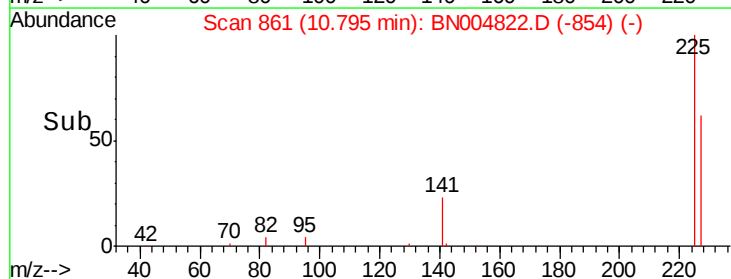
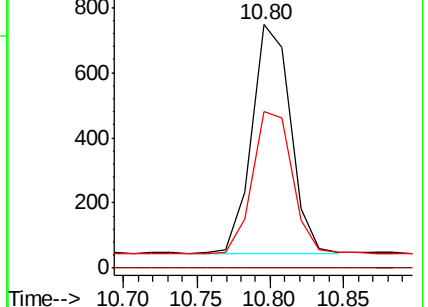
227 64.0 52.2 78.4

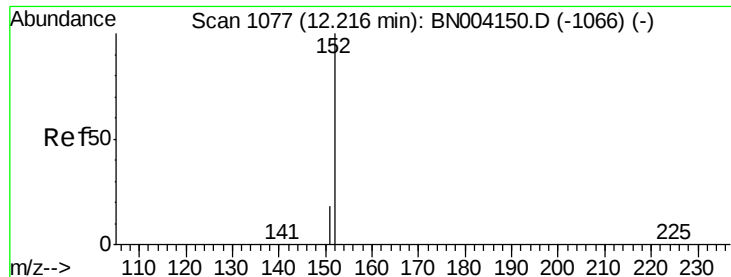


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

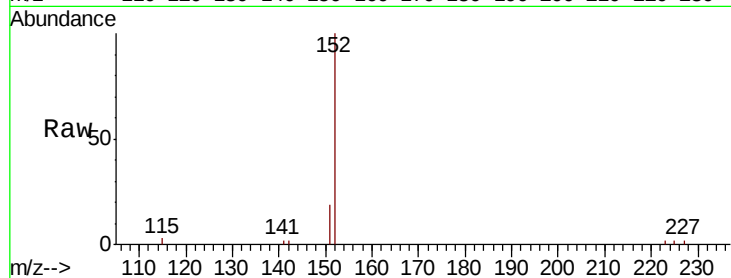
ICVBN032019

Tot Ion:152 Resp: 4047

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

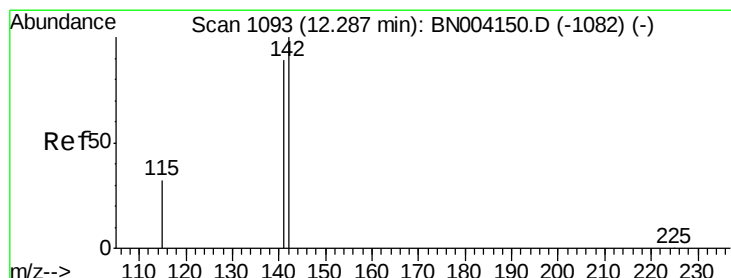
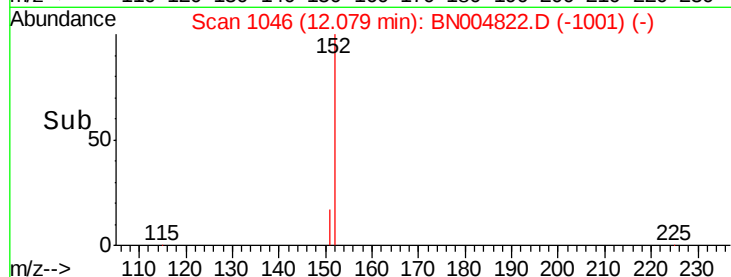
1500

1000

500

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

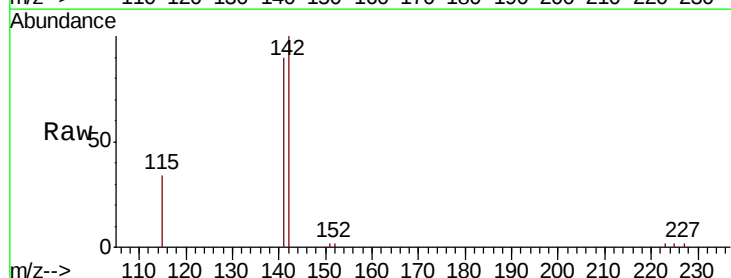
Tgt Ion:142 Resp: 4845

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.2

115 34.5 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

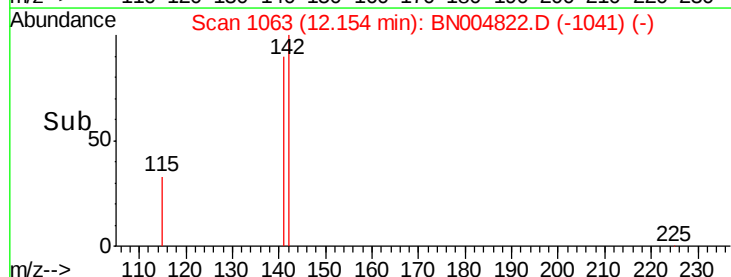
3000

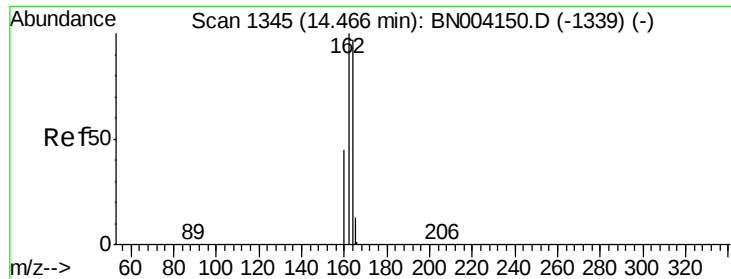
2000

1000

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

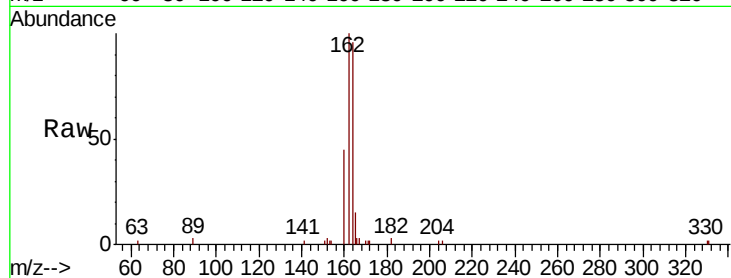
Tot Ion:164 Resp: 3776

Ion Ratio Lower Upper

164 100

162 104.2 81.9 122.9

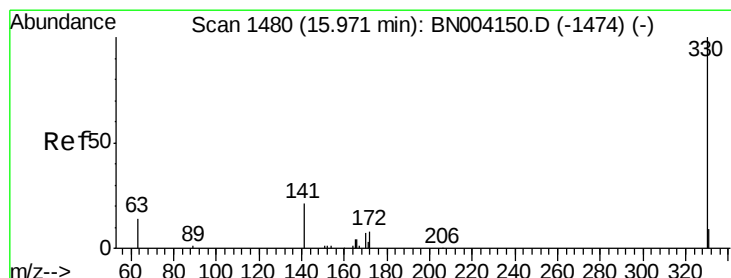
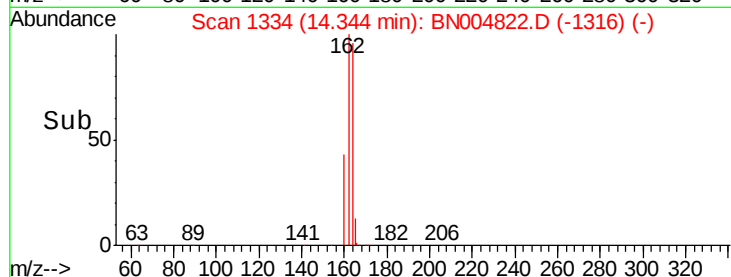
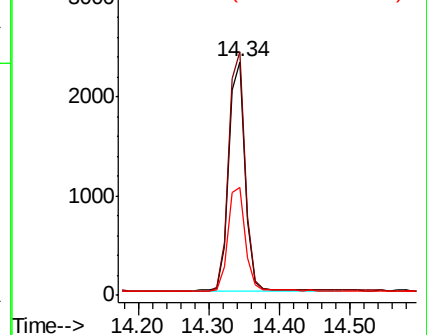
160 46.4 36.6 54.8



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: 0.359 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

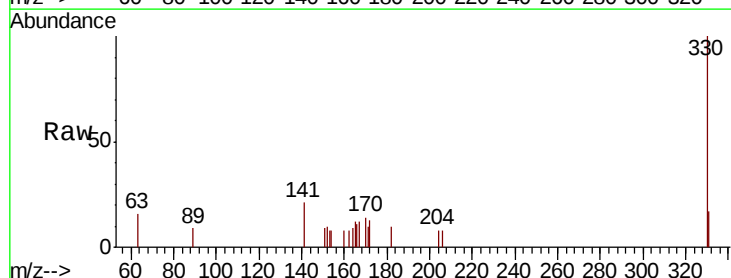
Tgt Ion:330 Resp: 936

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

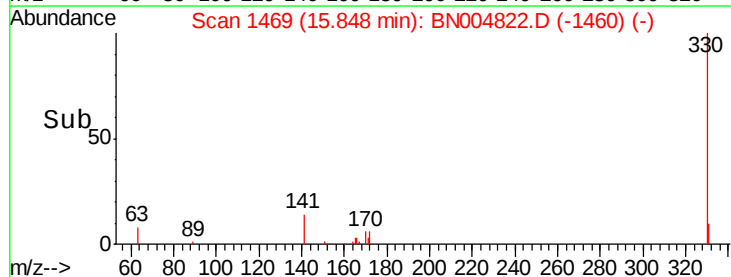
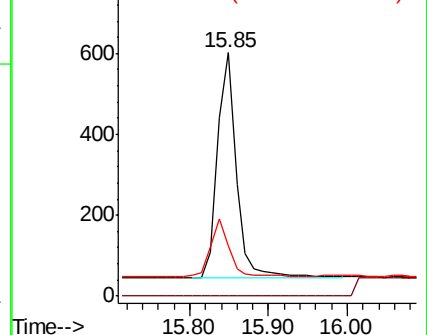
141 24.0 20.9 31.3

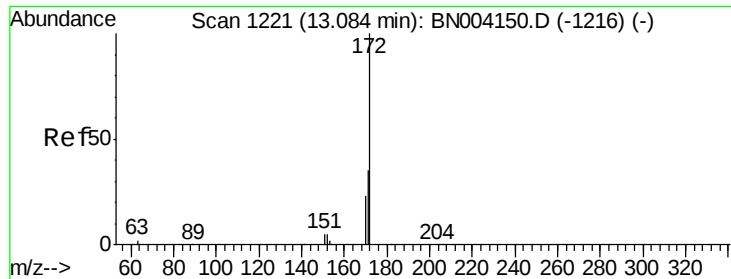


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

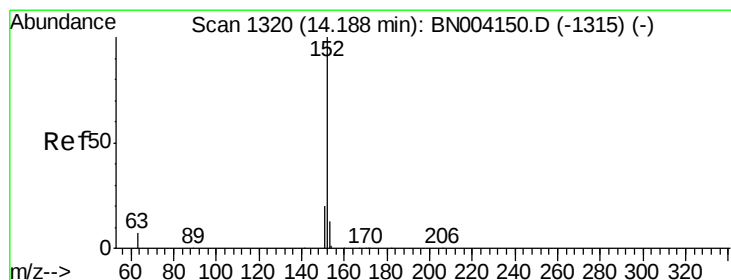
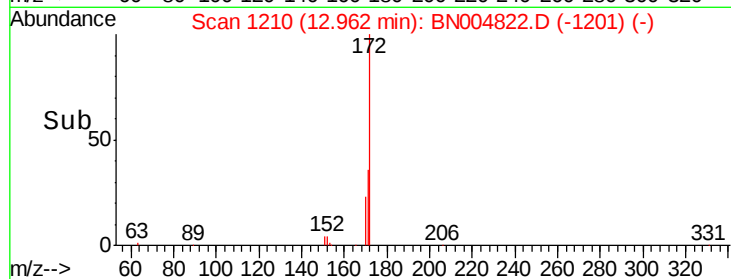
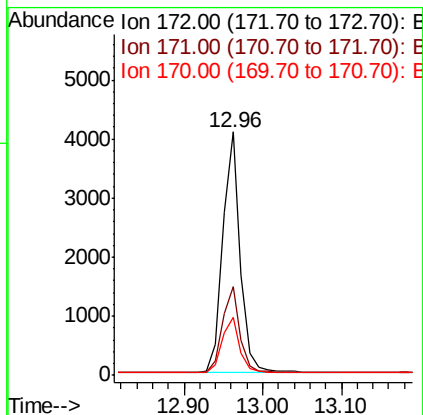
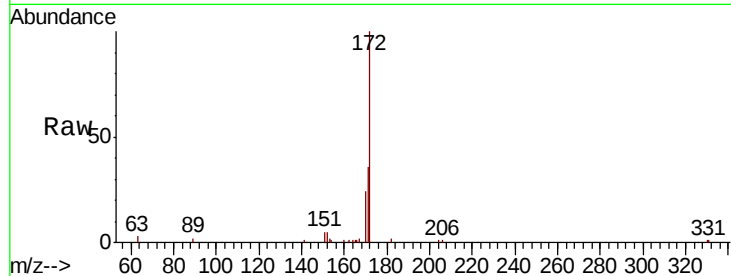




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004822.D
Acq: 20 Mar 2019 16:58

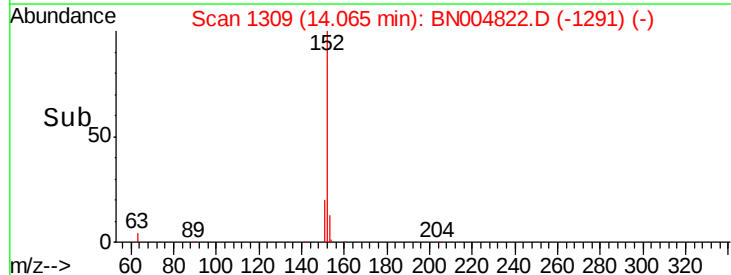
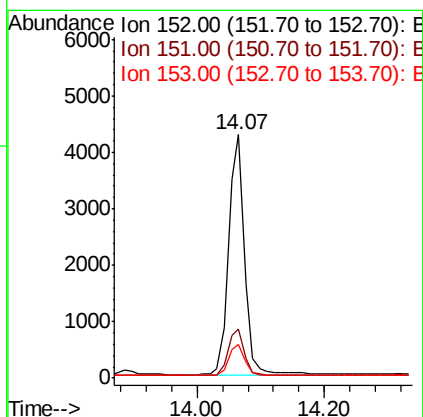
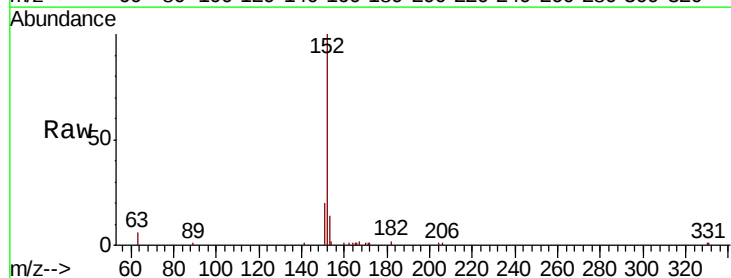
Instrument :
BNA_N
ClientSampleId :
ICVBN032019

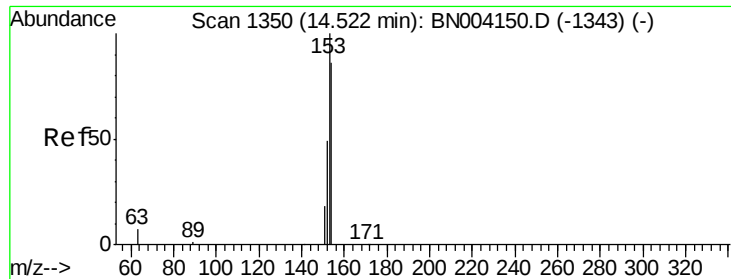
Tot Ion:172 Resp: 6391
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 23.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004822.D
Acq: 20 Mar 2019 16:58

Tgt Ion:152 Resp: 7326
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

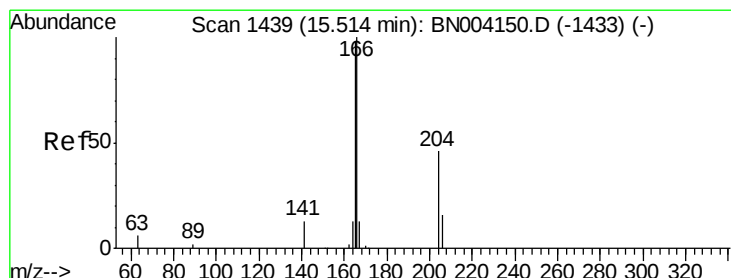
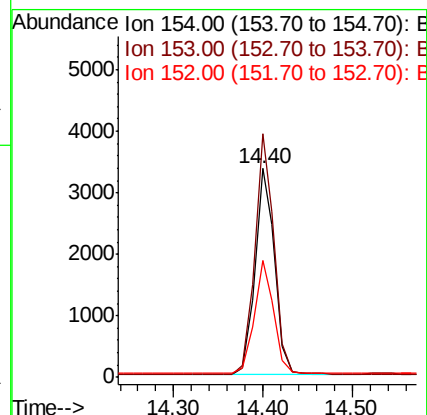
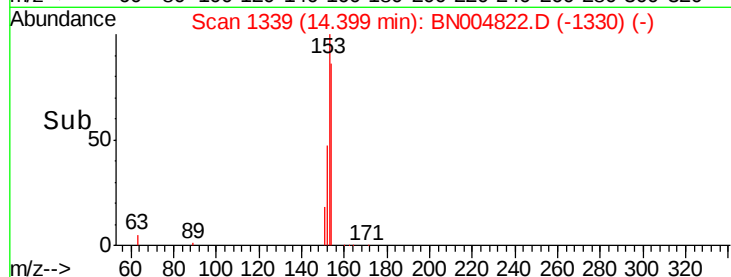
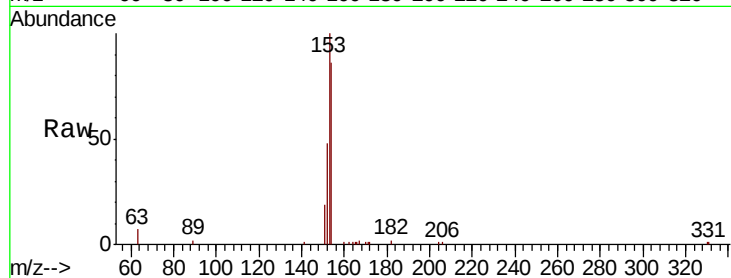
Tot Ion:154 Resp: 5119

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

152 54.8 44.2 66.2



#18

Fluorene

Concen: 0.403 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

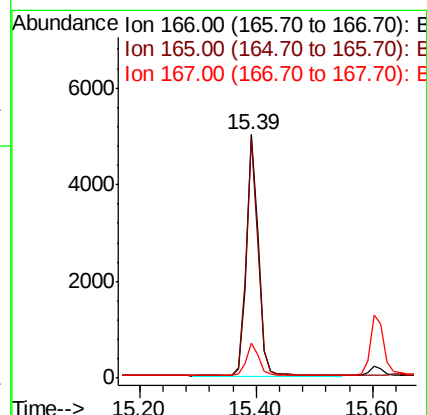
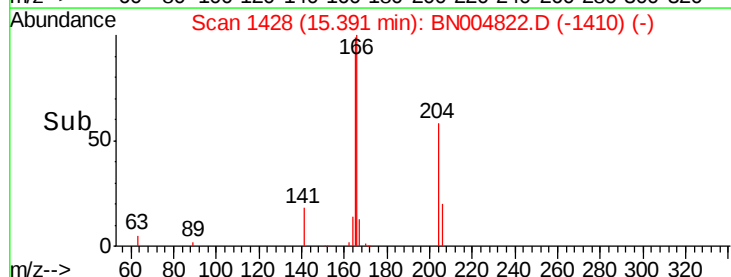
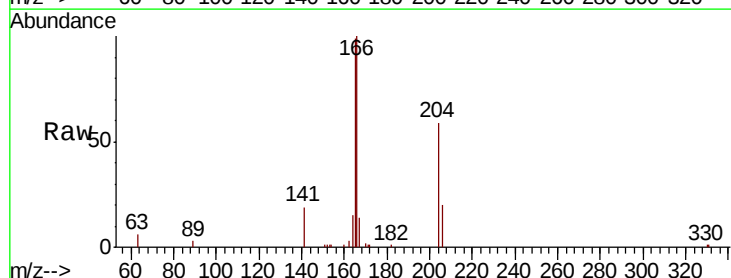
Tgt Ion:166 Resp: 7166

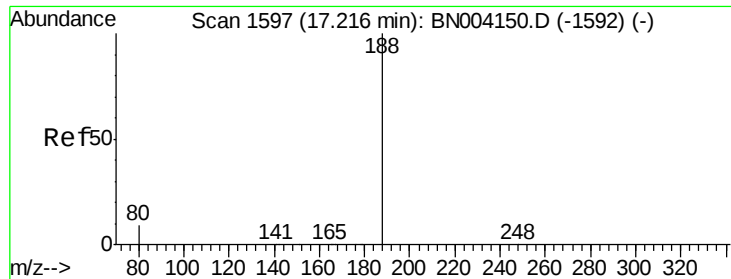
Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

167 13.6 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

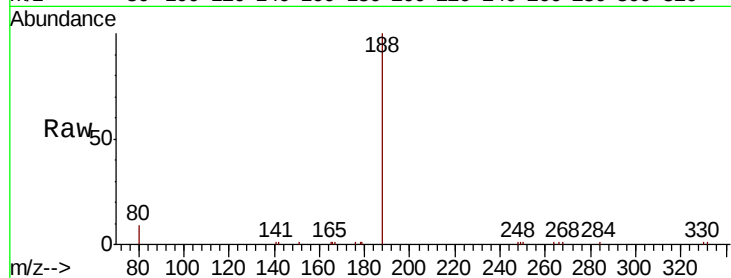
Tot Ion:188 Resp: 9858

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

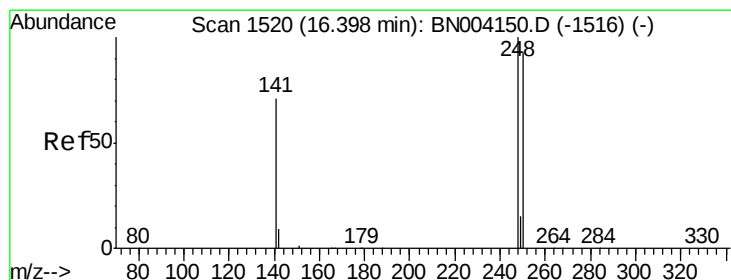
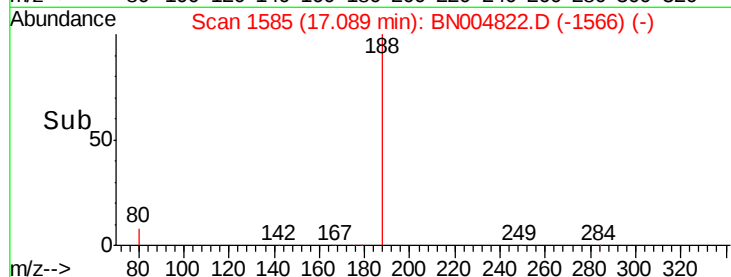
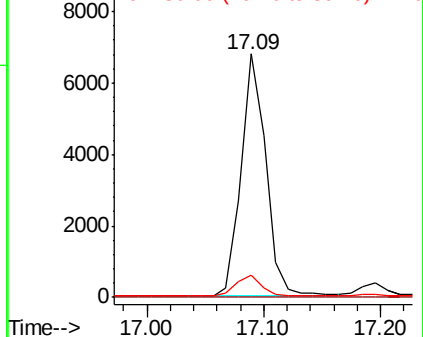
80 8.9 7.4 11.2



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: 0.401 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

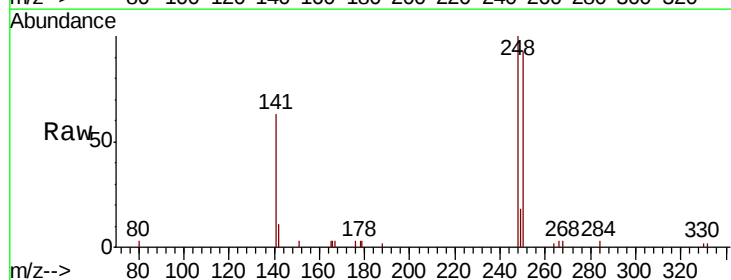
Tgt Ion:248 Resp: 2585

Ion Ratio Lower Upper

248 100

250 93.3 76.2 114.4

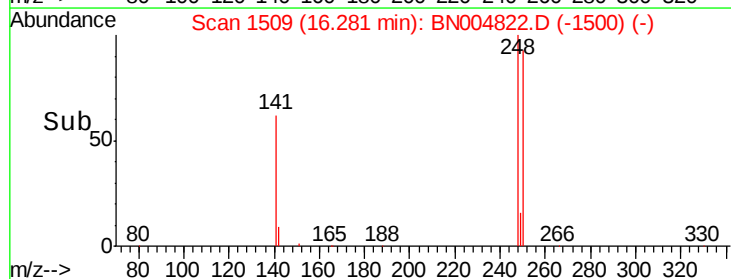
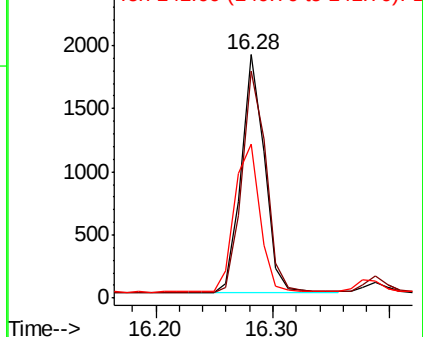
141 63.1 53.9 80.9

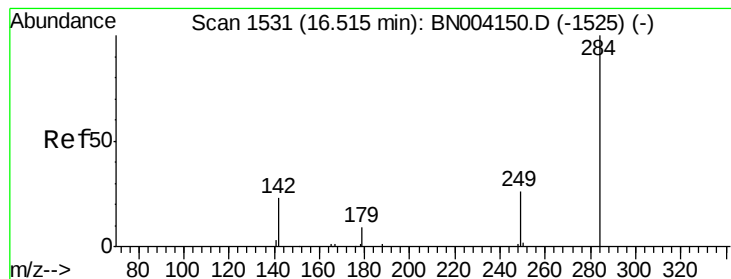


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

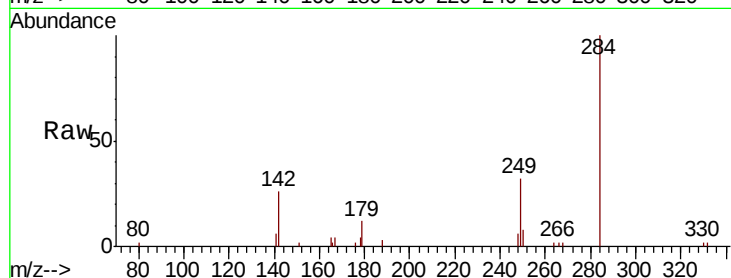
Tot Ion:284 Resp: 2981

Ion Ratio Lower Upper

284 100

142 28.5 22.6 34.0

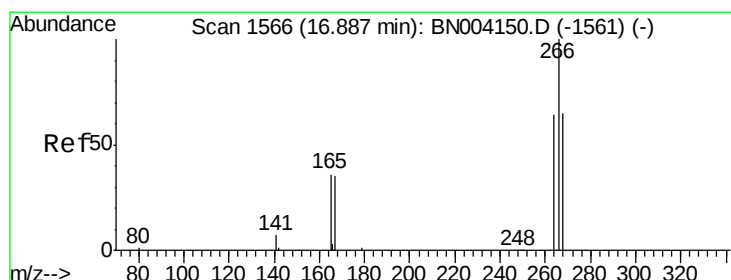
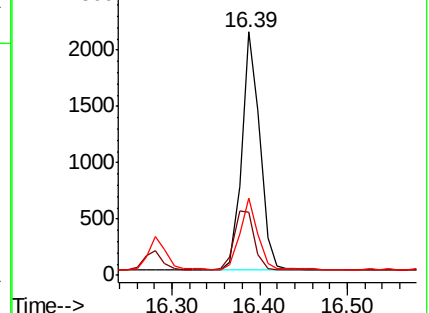
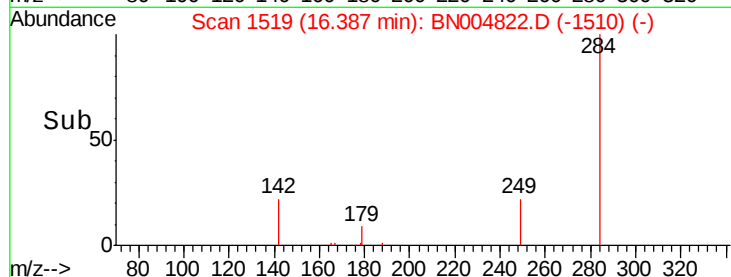
249 29.2 22.5 33.7



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: 0.284 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

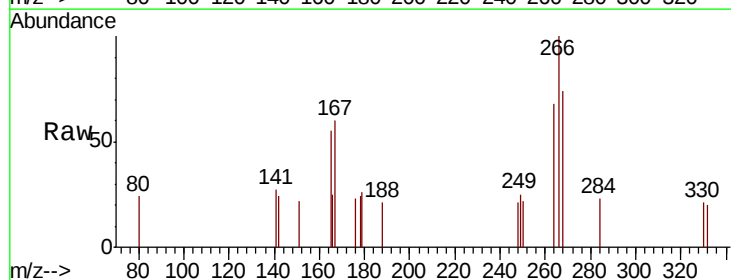
Tgt Ion:266 Resp: 409

Ion Ratio Lower Upper

266 100

264 67.9 53.1 79.7

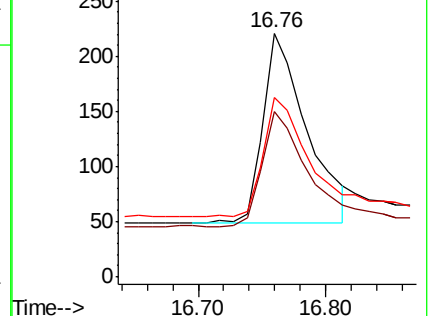
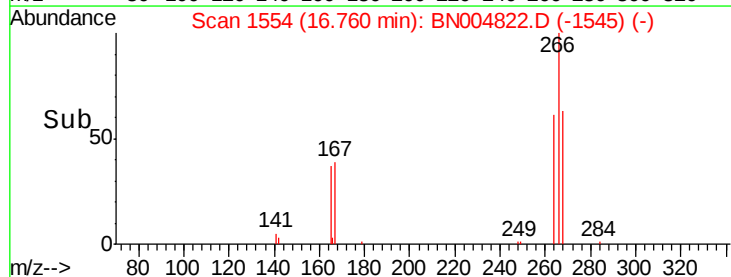
268 73.8 57.7 86.5

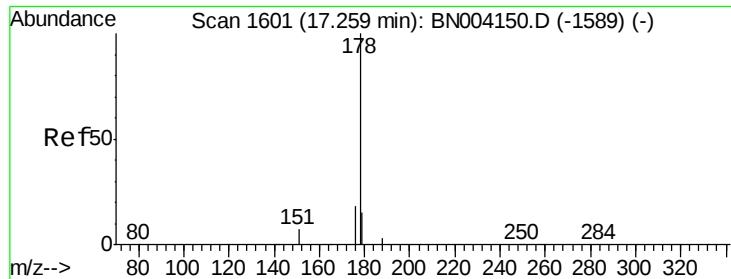


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

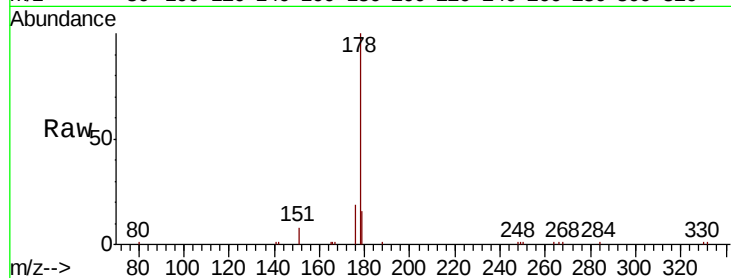
Tot Ion:178 Resp: 12640

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.4 12.1 18.1

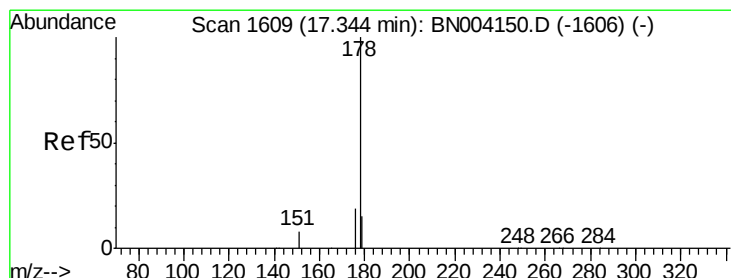
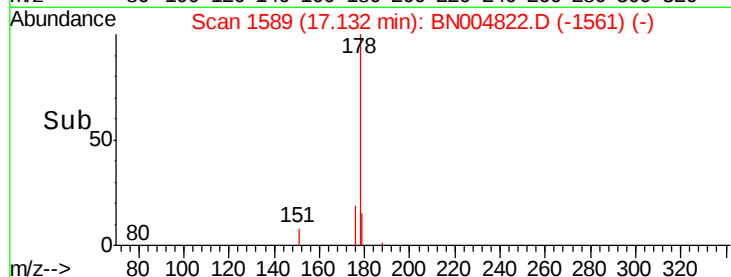
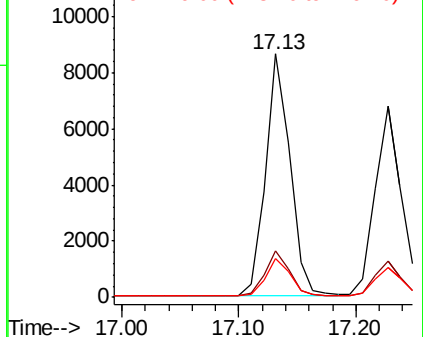


Abundance

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: 0.383 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

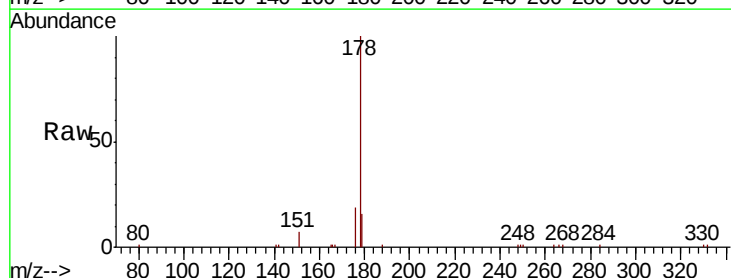
Tgt Ion:178 Resp: 10892

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

179 15.2 12.2 18.4

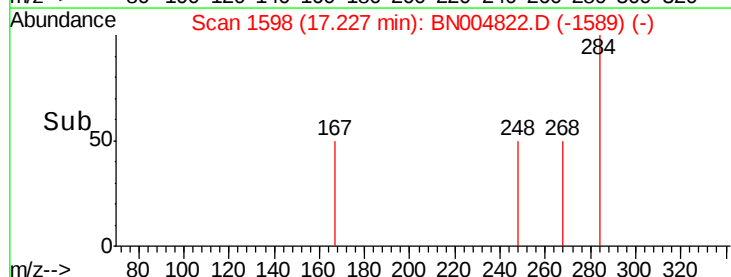
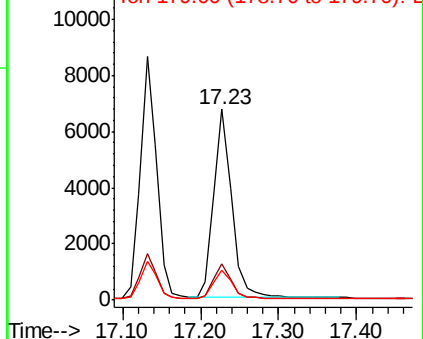


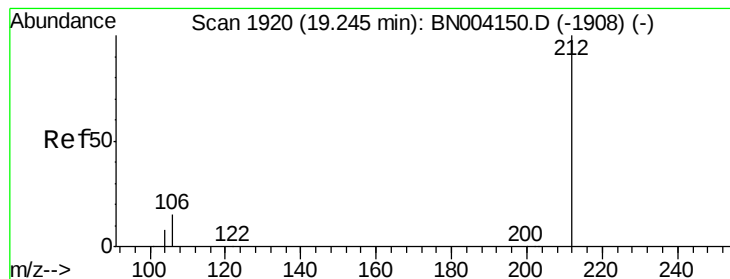
Abundance

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: 0.389 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

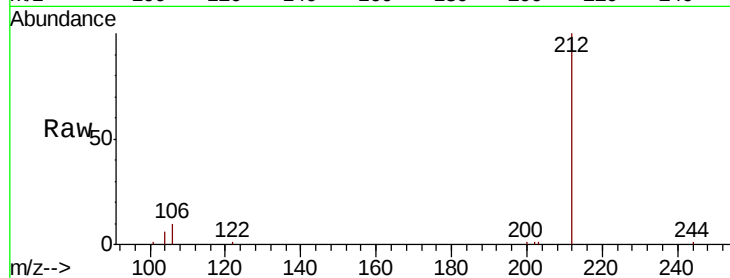
Tot Ion:212 Resp: 12843

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

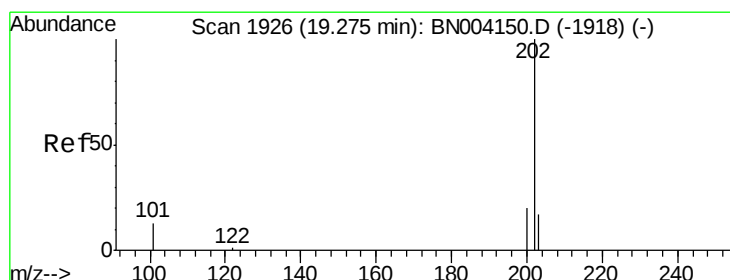
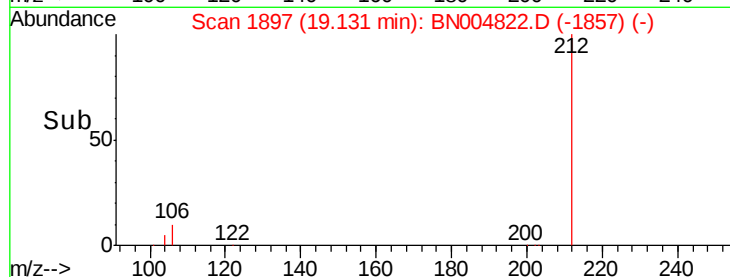
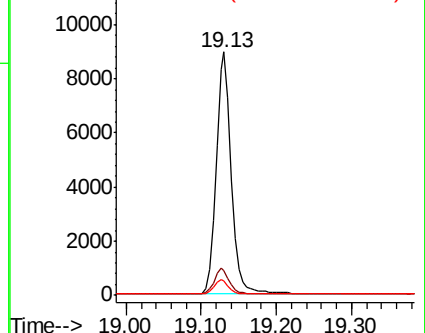
104 5.8 4.7 7.1



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: 0.396 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

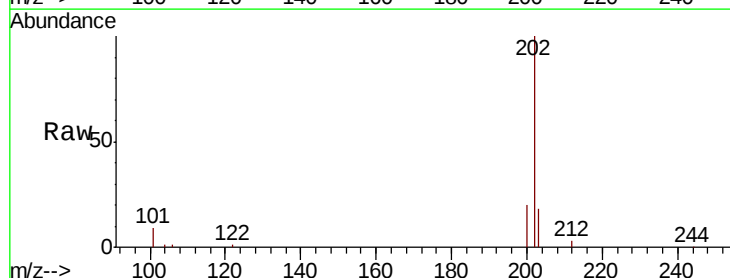
Tgt Ion:202 Resp: 16208

Ion Ratio Lower Upper

202 100

101 9.0 7.5 11.3

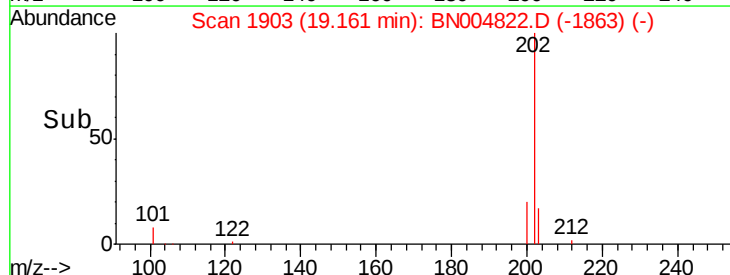
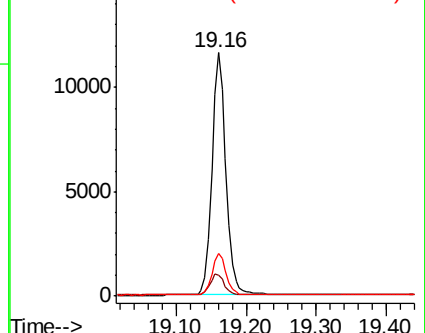
203 17.1 13.8 20.6

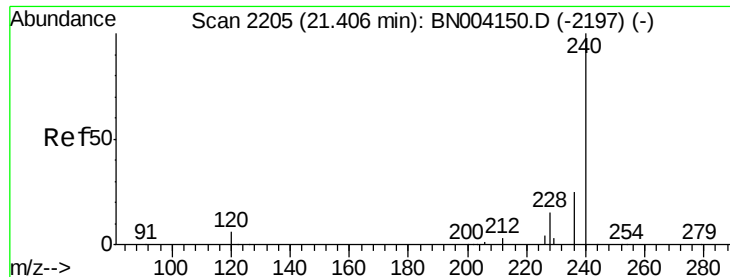


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

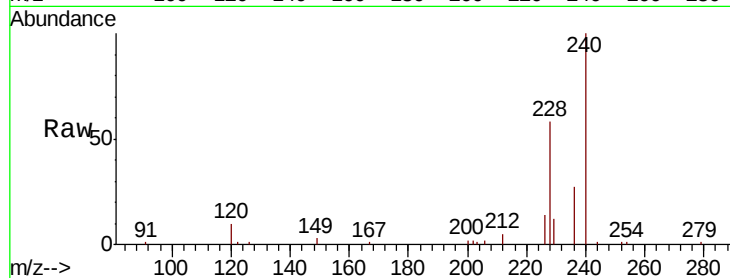
Tot Ion:240 Resp: 13410

Ion Ratio Lower Upper

240 100

120 10.0 7.2 10.8

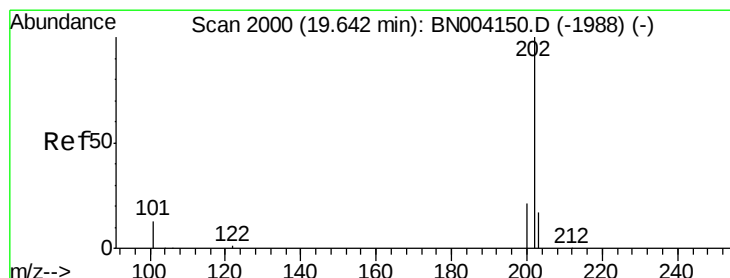
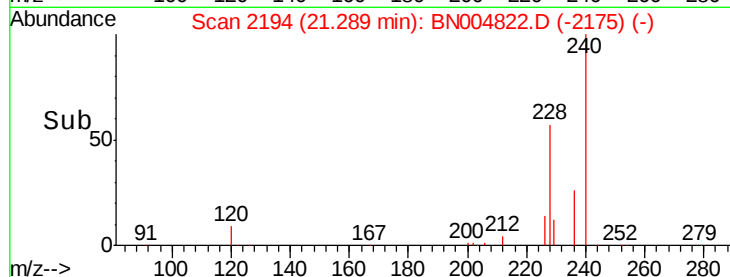
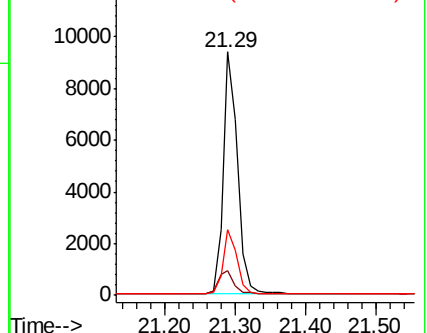
236 26.9 20.9 31.3



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: 0.406 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

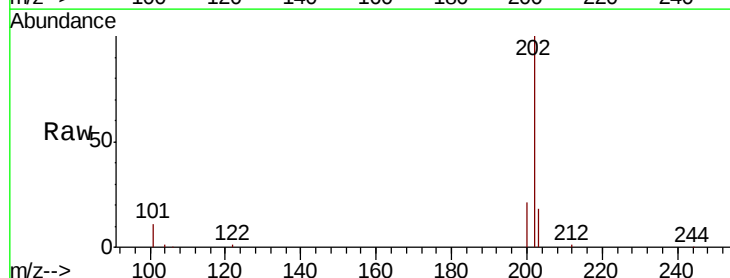
Tgt Ion:202 Resp: 16591

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

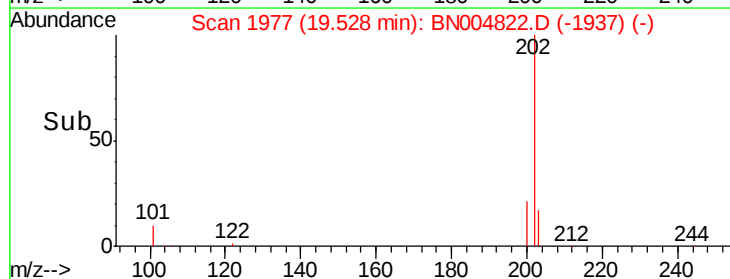
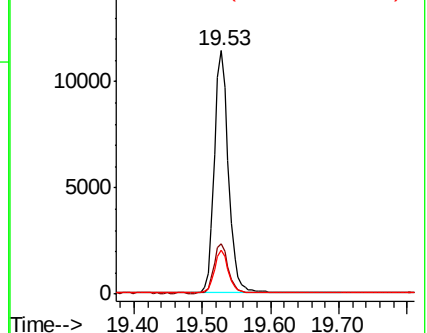
203 17.4 14.0 21.0

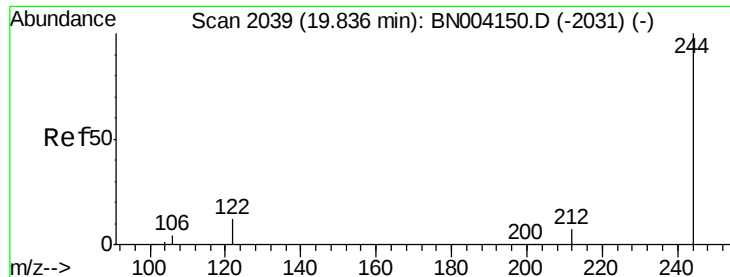


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

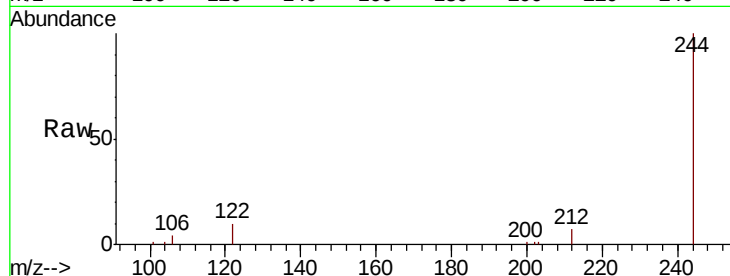
Tot Ion:244 Resp: 11215

Ion Ratio Lower Upper

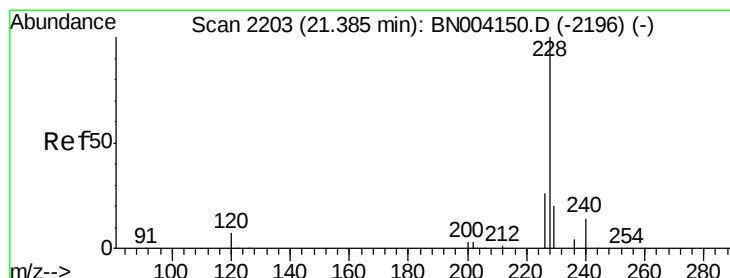
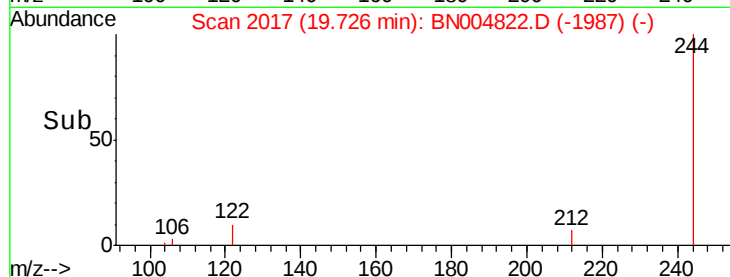
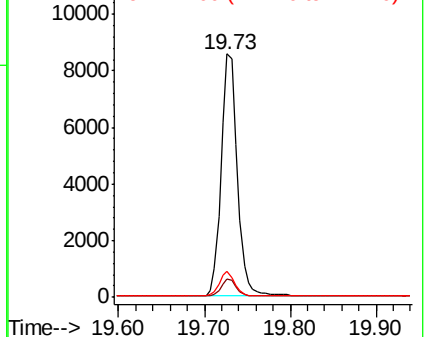
244 100

212 7.4 5.8 8.6

122 10.5 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: 0.403 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

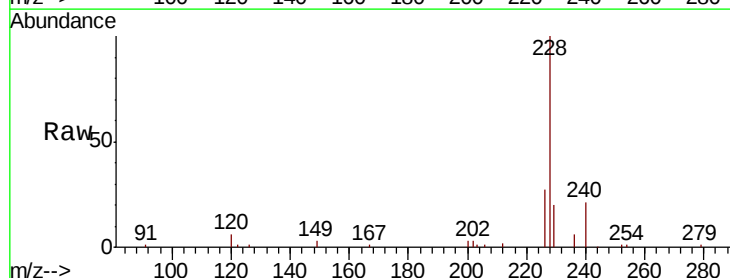
Tgt Ion:228 Resp: 17736

Ion Ratio Lower Upper

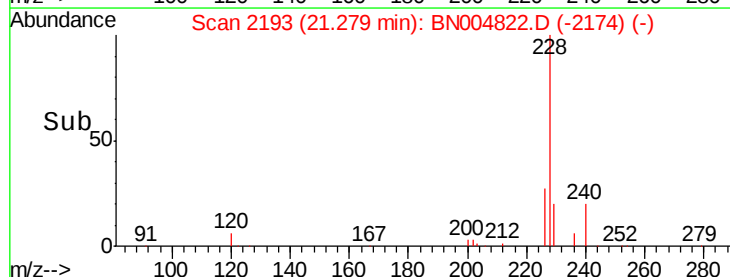
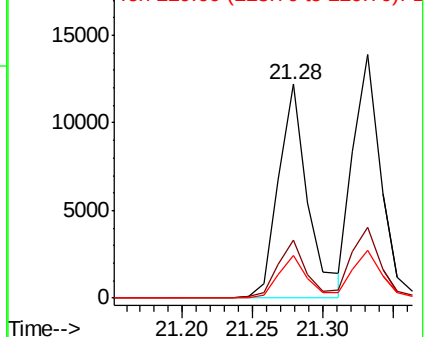
228 100

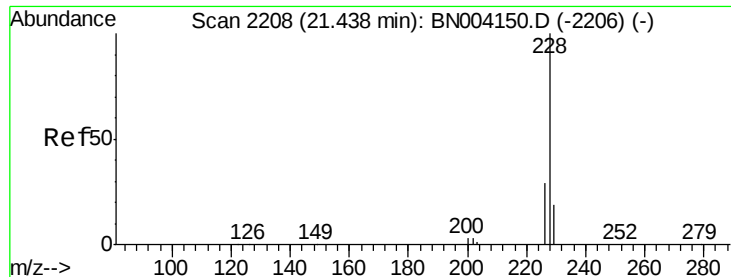
226 27.0 20.6 31.0

229 19.9 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: 0.408 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

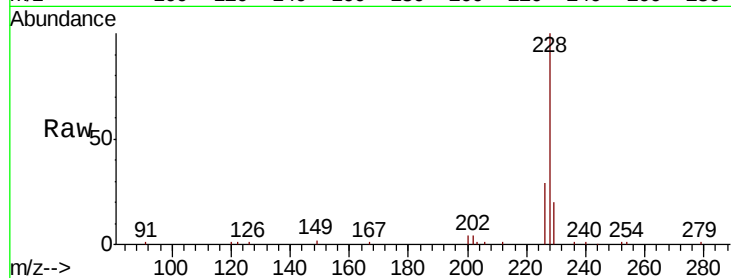
Tot Ion:228 Resp: 18912

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

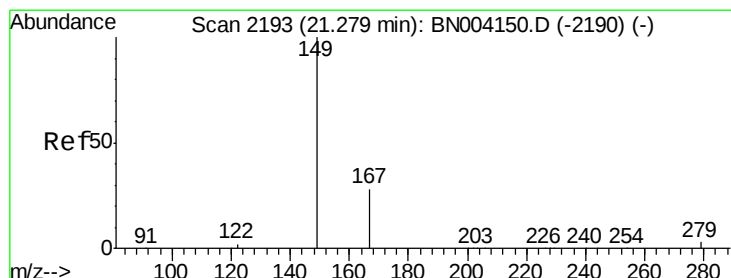
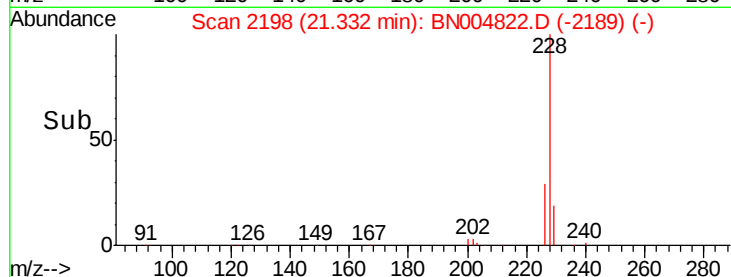
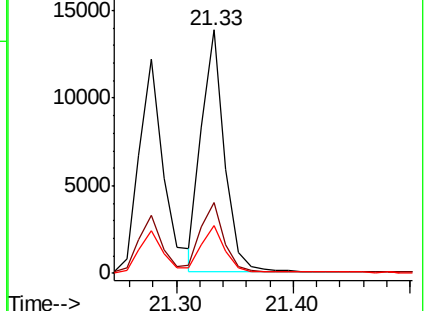
229 19.7 16.2 24.2



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: 0.373 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

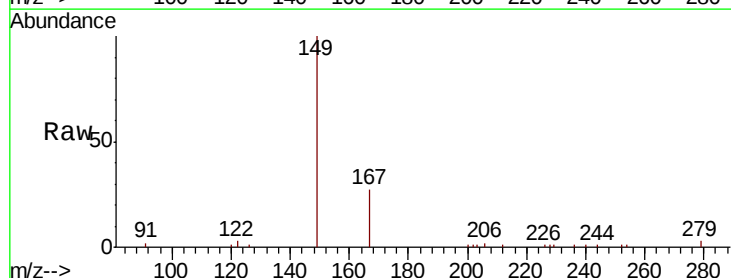
Tgt Ion:149 Resp: 6557

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

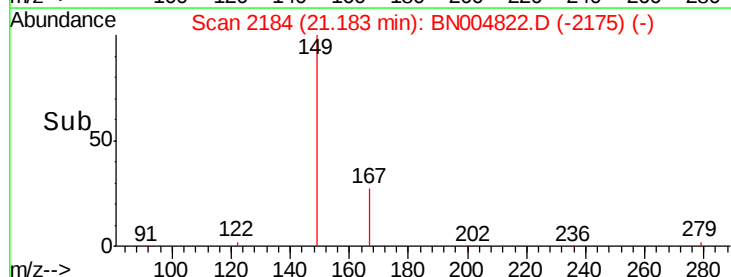
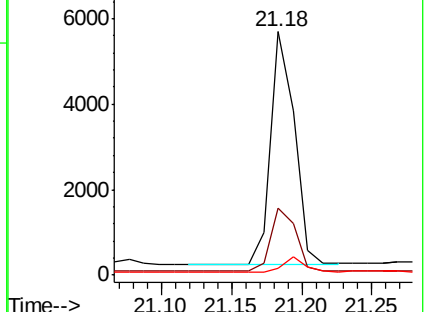
279 5.7 4.6 6.8

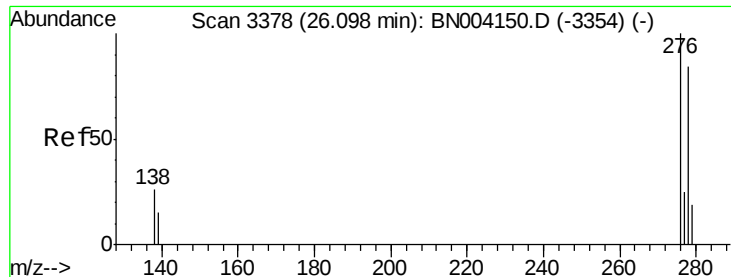


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.427 ng

RT: 25.82 min Scan# 3296

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

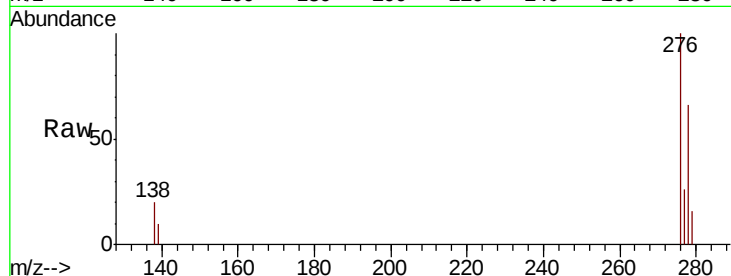
Tot Ion:276 Resp: 28608

Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

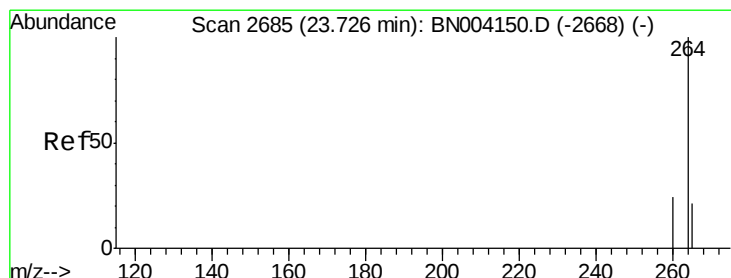
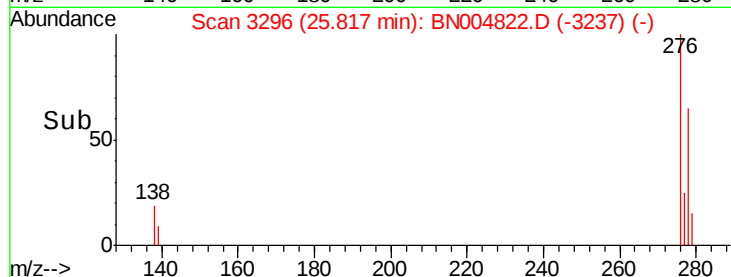
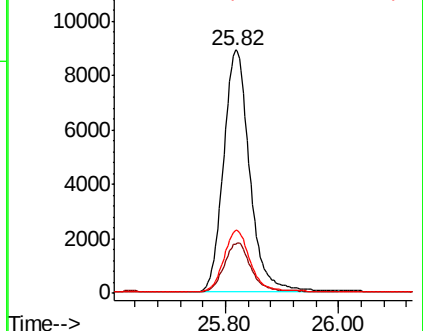
277 25.5 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

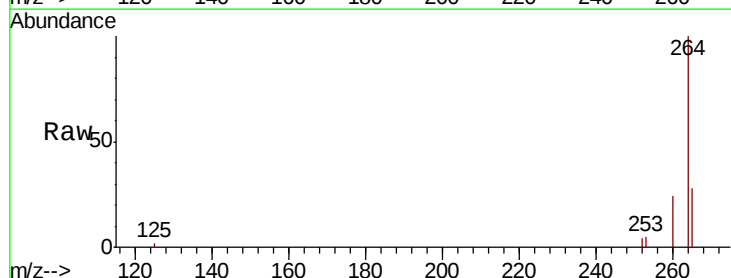
Tgt Ion:264 Resp: 15107

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

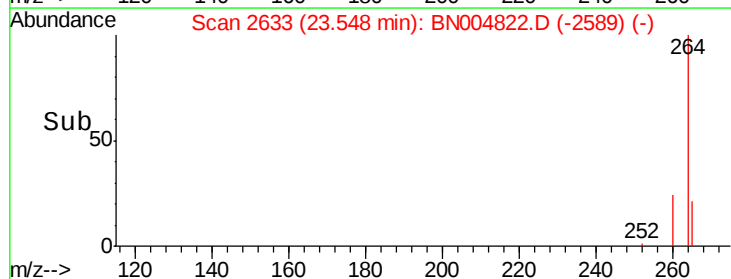
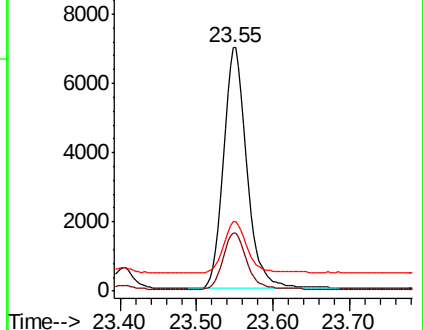
265 28.5 23.1 34.7

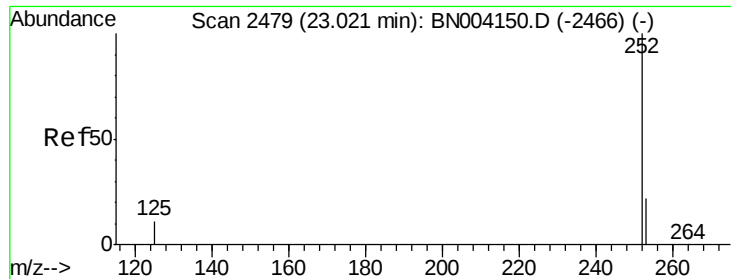


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.413 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

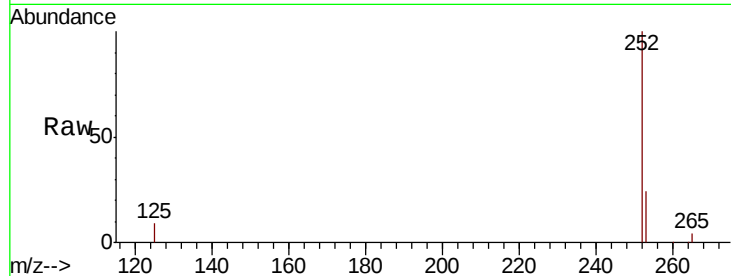
Tot Ion:252 Resp: 22590

Ion Ratio Lower Upper

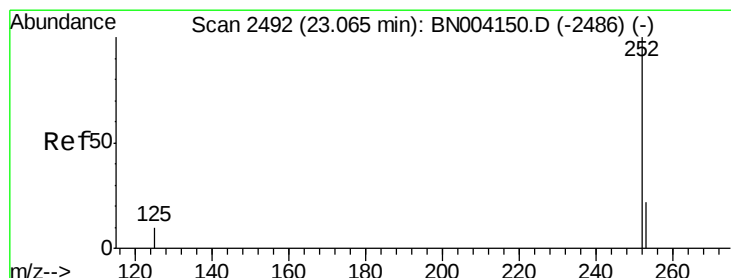
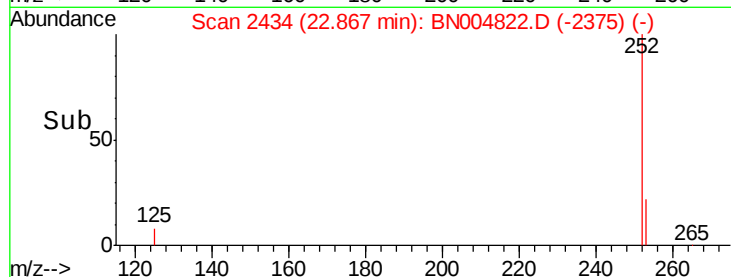
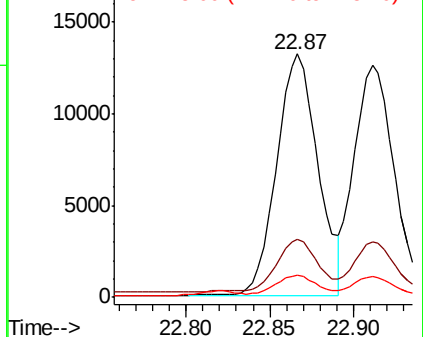
252 100

253 23.7 19.0 28.4

125 9.0 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: 0.395 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

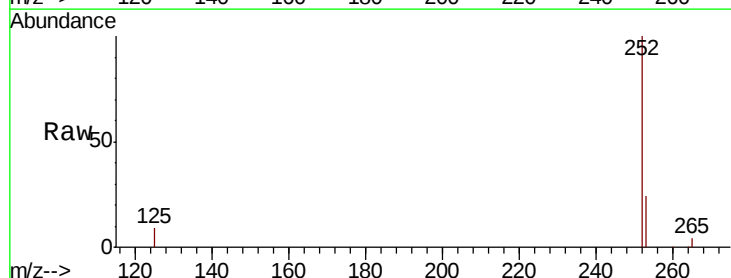
Tgt Ion:252 Resp: 21250

Ion Ratio Lower Upper

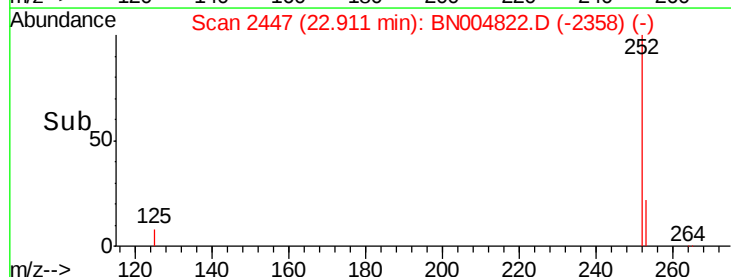
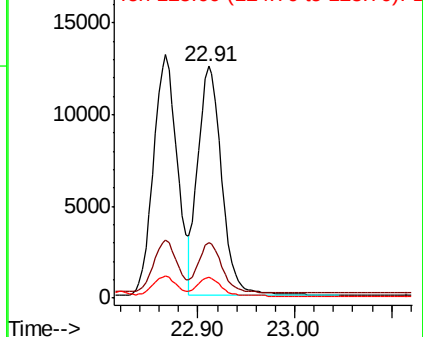
252 100

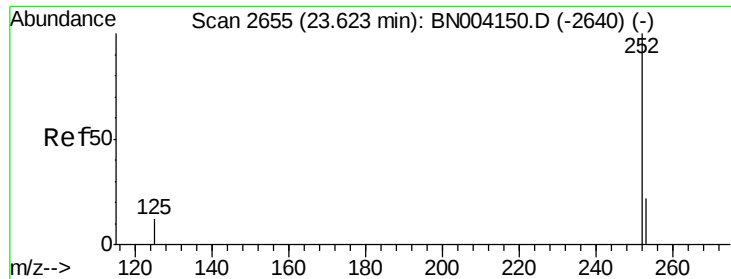
253 23.9 19.3 28.9

125 9.0 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: 0.403 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

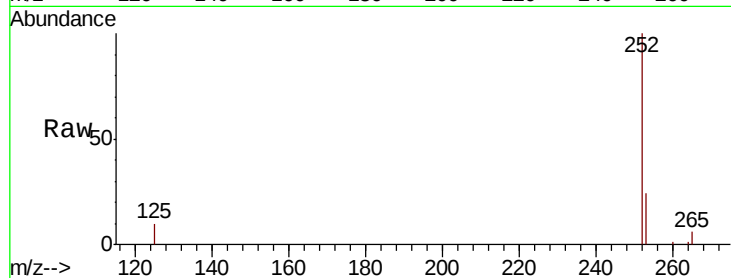
Tot Ion:252 Resp: 20205

Ion Ratio Lower Upper

252 100

253 24.5 19.7 29.5

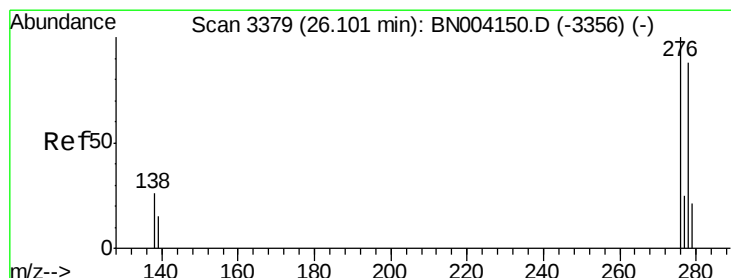
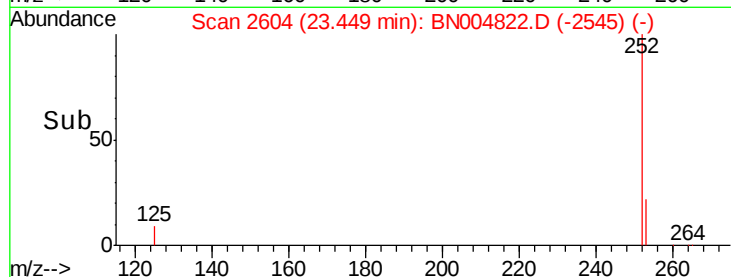
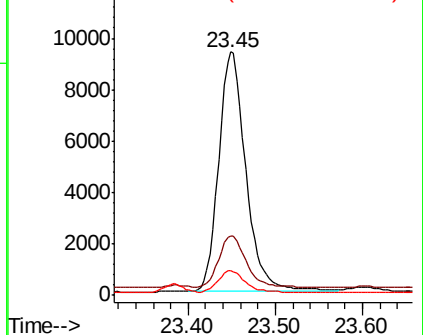
125 10.2 8.3 12.5



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: 0.407 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

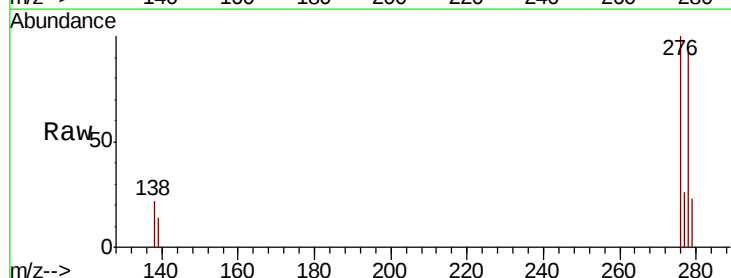
Tgt Ion:278 Resp: 23642

Ion Ratio Lower Upper

278 100

139 14.9 11.7 17.5

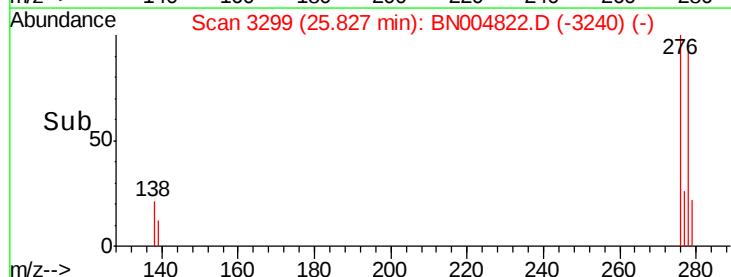
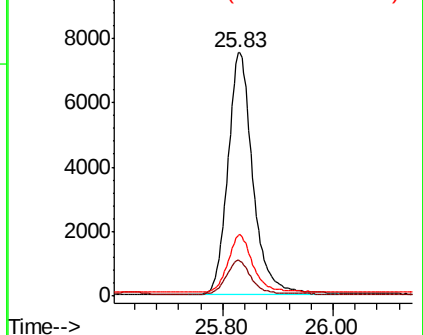
279 24.9 19.9 29.9

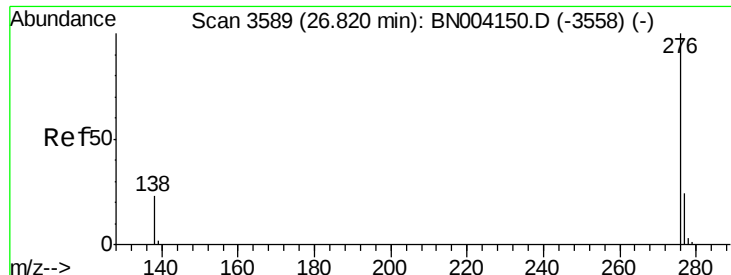


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.408 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004822.D

Acq: 20 Mar 2019 16:58

Instrument :

BNA_N

ClientSampleId :

ICVBN032019

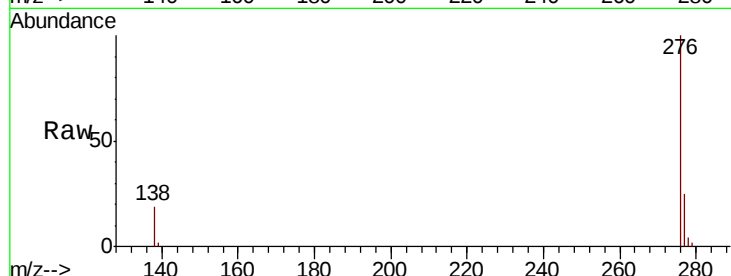
Tot Ion:276 Resp: 24139

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 18.6 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

