

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004824.D
 Acq On : 20 Mar 2019 18:09
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 21 08:47:04 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	1367	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6057	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3953	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10349	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14486	0.40	ng	0.00
34) Perylene-d12	23.55	264	16563	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1437	0.39	ng	0.00
5) Phenol-d6	6.88	99	1802	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1517	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4248	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	974	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6604	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	13604	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11796	0.40	ng	0.00

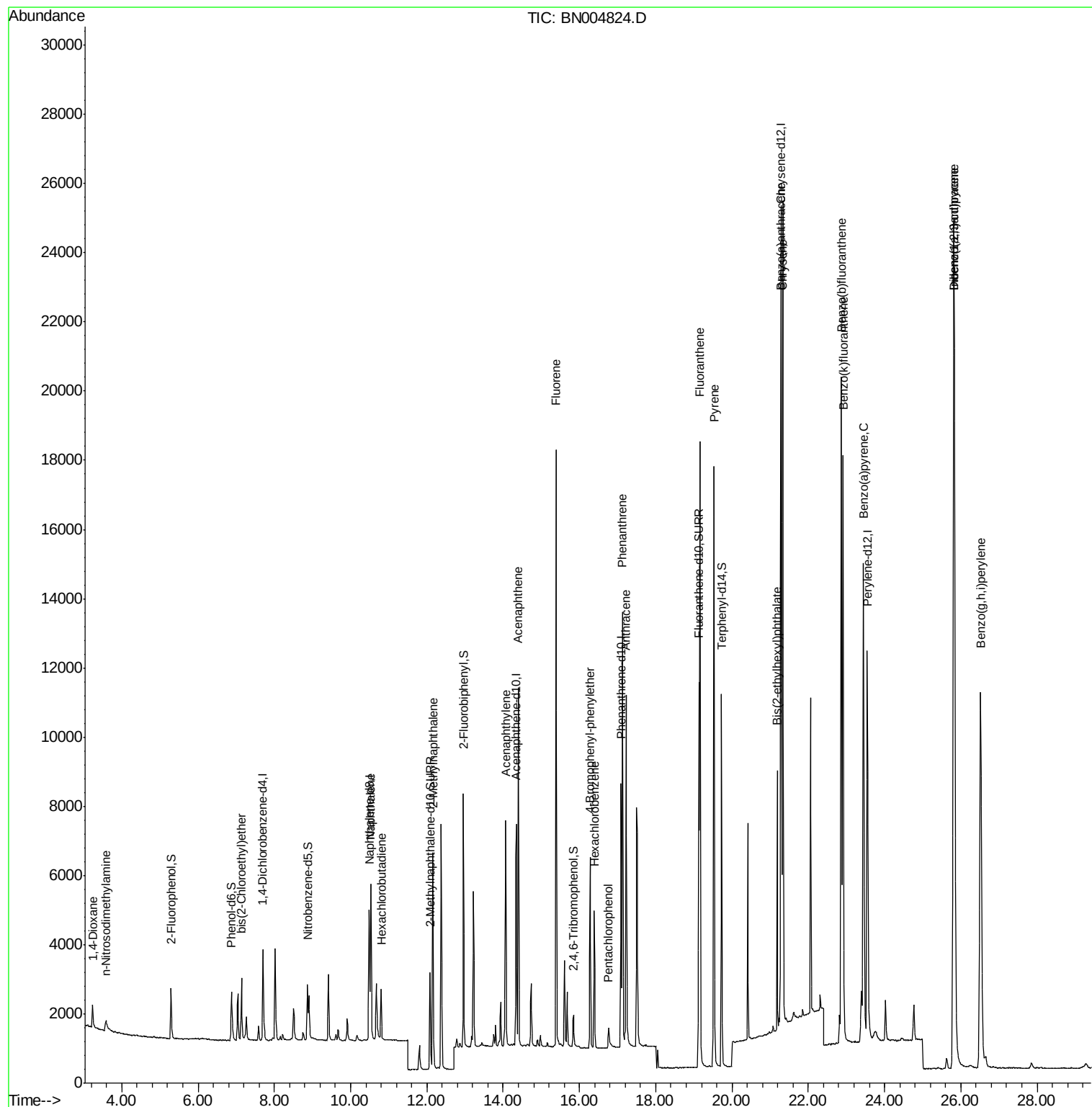
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	601	0.387	ng	99
3) n-Nitrosodimethylamine	3.58	42	328	0.357	ng	# 98
6) bis(2-Chloroethyl)ether	7.14	93	1657	0.397	ng	96
9) Naphthalene	10.53	128	6812	0.401	ng	99
10) Hexachlorobutadiene	10.81	225	1339	0.413	ng	# 99
12) 2-Methylnaphthalene	12.15	142	5052	0.400	ng	99
16) Acenaphthylene	14.07	152	7742	0.380	ng	100
17) Acenaphthene	14.40	154	5401	0.405	ng	100
18) Fluorene	15.39	166	7522	0.404	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2663	0.394	ng	98
21) Hexachlorobenzene	16.39	284	3111	0.402	ng	98
22) Pentachlorophenol	16.76	266	465	0.307	ng	98
23) Phenanthrene	17.13	178	13235	0.396	ng	99
24) Anthracene	17.23	178	11353	0.380	ng	100
26) Fluoranthene	19.16	202	17014	0.396	ng	99
28) Pyrene	19.53	202	17527	0.397	ng	100
30) Benzo(a)anthracene	21.28	228	19117	0.402	ng	99
31) Chrysene	21.33	228	19996	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7170	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	25.82	276	31380	0.433	ng	100
35) Benzo(b)fluoranthene	22.87	252	24201	0.404	ng	100
36) Benzo(k)fluoranthene	22.91	252	23821	0.404	ng	99
37) Benzo(a)pyrene	23.45	252	22068	0.401	ng	99
38) Dibenzo(a,h)anthracene	25.83	278	25848	0.406	ng	100
39) Benzo(g,h,i)perylene	26.52	276	26328	0.406	ng	100

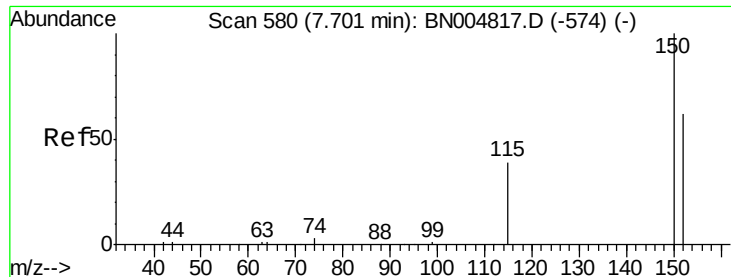
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

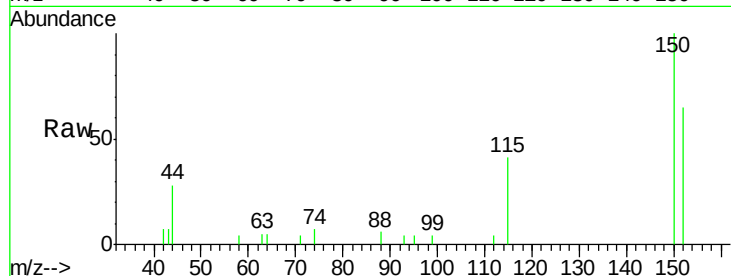
Tot Ion:152 Resp: 1367

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.4

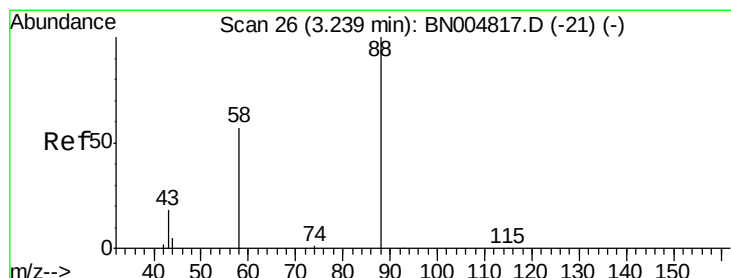
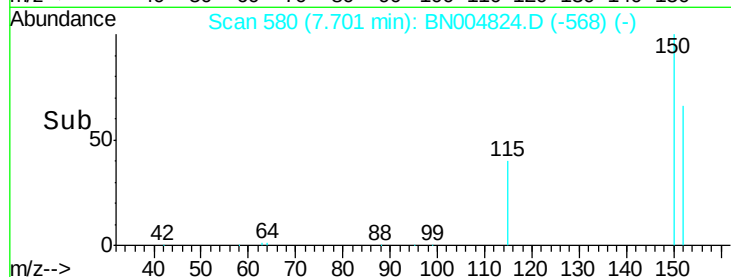
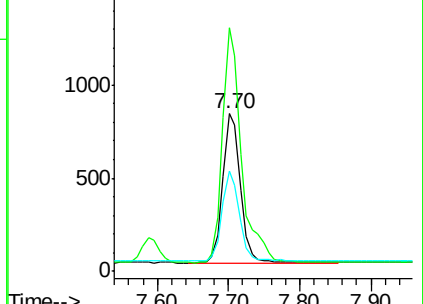
115 63.2 52.6 79.0



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: 0.387 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

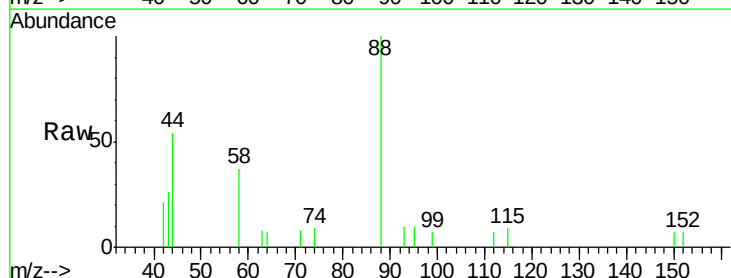
Tgt Ion: 88 Resp: 601

Ion Ratio Lower Upper

88 100

58 63.9 51.4 77.2

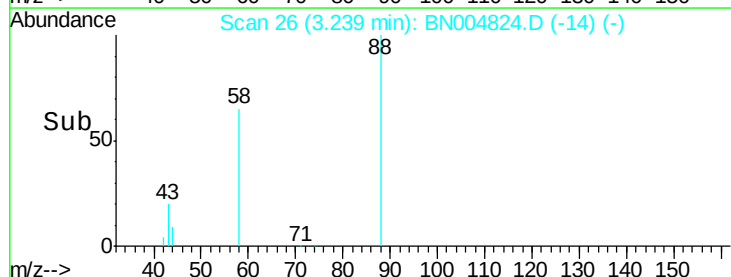
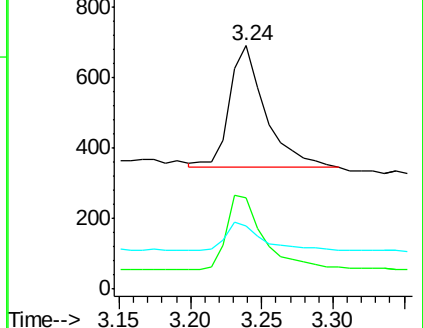
43 24.1 20.0 30.0

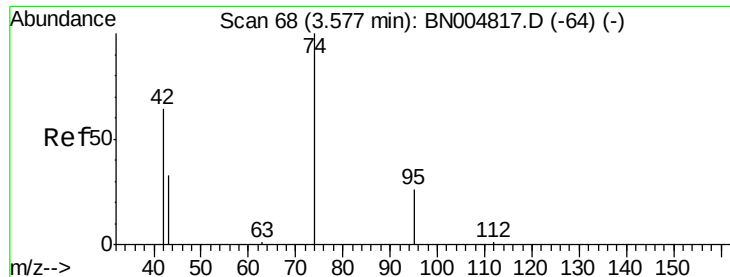


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.357 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

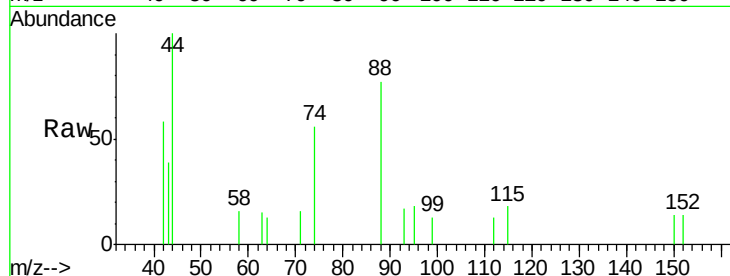
Tot Ion: 42 Resp: 328

Ion Ratio Lower Upper

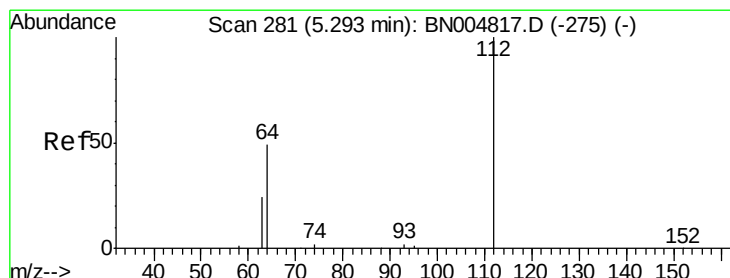
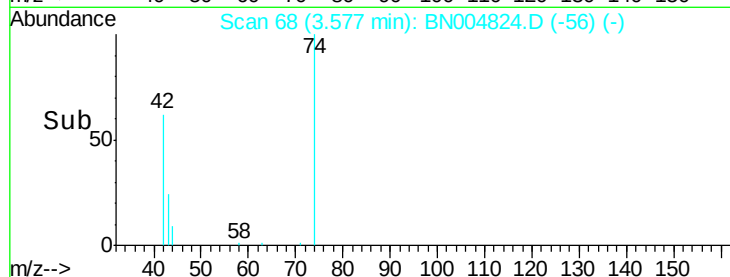
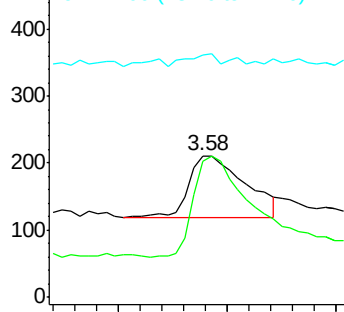
42 100

74 158.8 128.4 192.6

44 12.2 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: 0.387 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

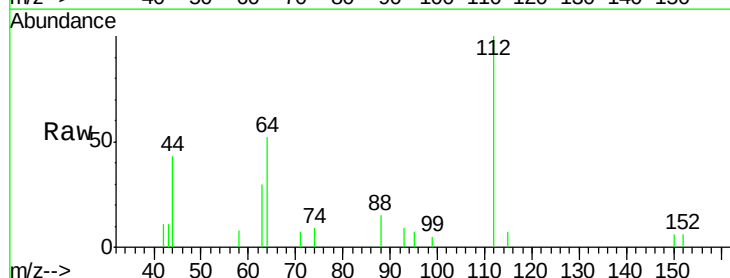
Tgt Ion: 112 Resp: 1437

Ion Ratio Lower Upper

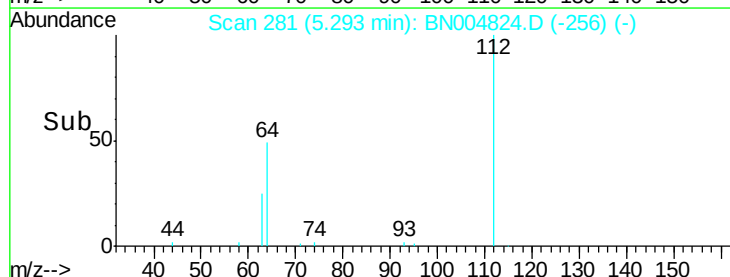
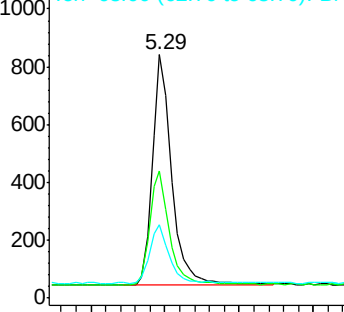
112 100

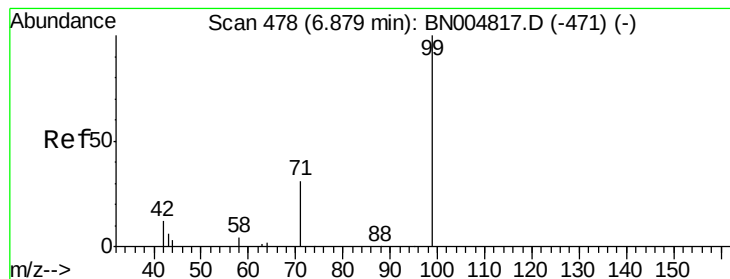
64 50.0 40.0 60.0

63 25.7 20.2 30.2



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: 0.390 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

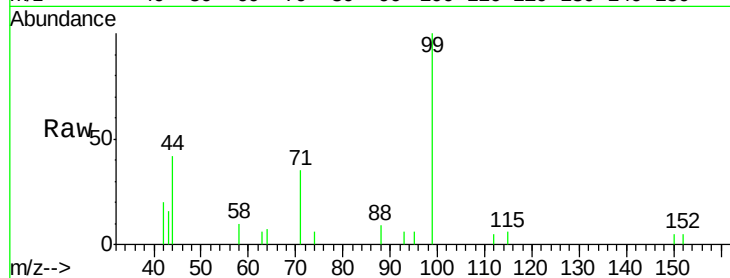
Tot Ion: 99 Resp: 1802

Ion Ratio Lower Upper

99 100

42 14.9 12.7 19.1

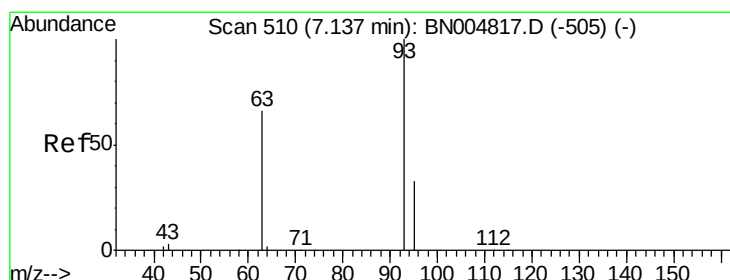
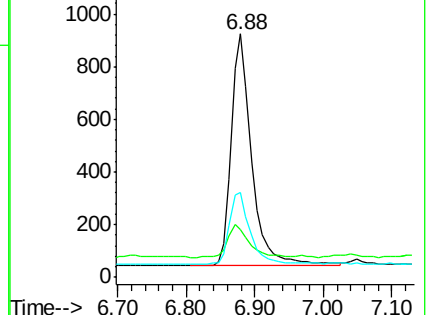
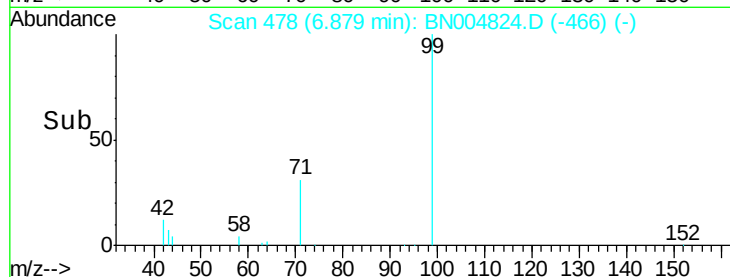
71 31.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004824.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN004824.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN004824.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.397 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

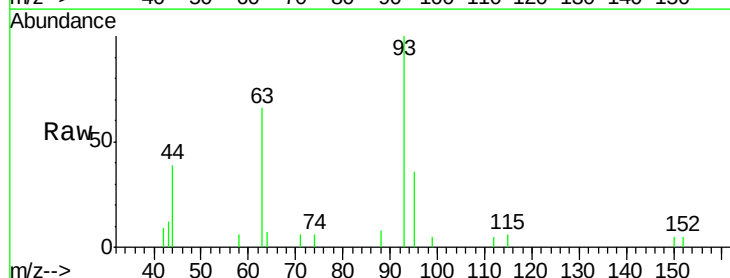
Tgt Ion: 93 Resp: 1657

Ion Ratio Lower Upper

93 100

63 62.4 52.6 78.8

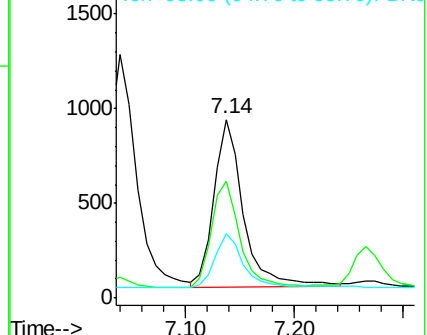
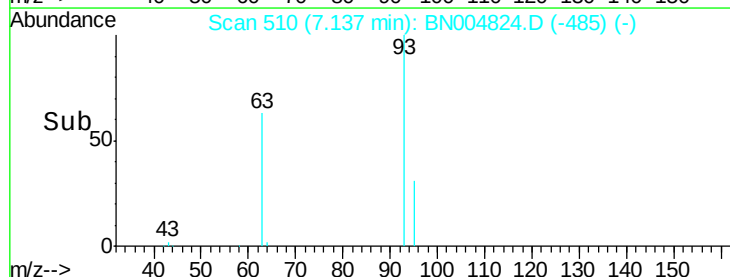
95 30.8 25.9 38.9

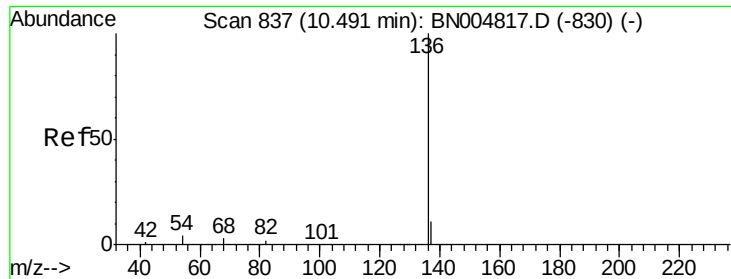


Abundance Ion 93.00 (92.70 to 93.70): BN004824.D (-485) (-)

Ion 63.00 (62.70 to 63.70): BN004824.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BN004824.D (-485) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6057

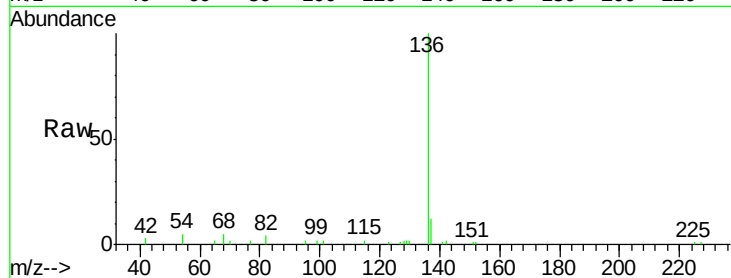
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 5.3 4.2 6.2

68 4.6 3.9 5.9

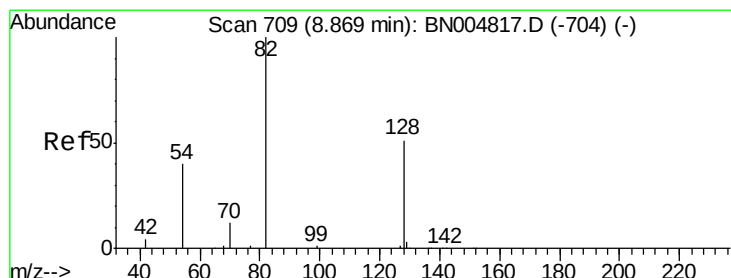
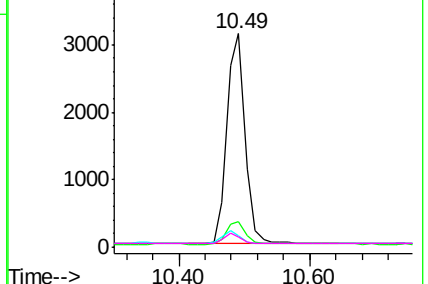
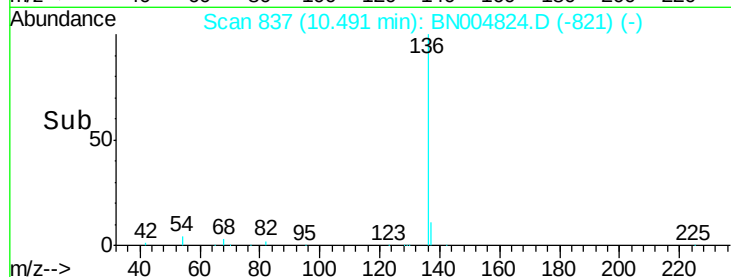


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

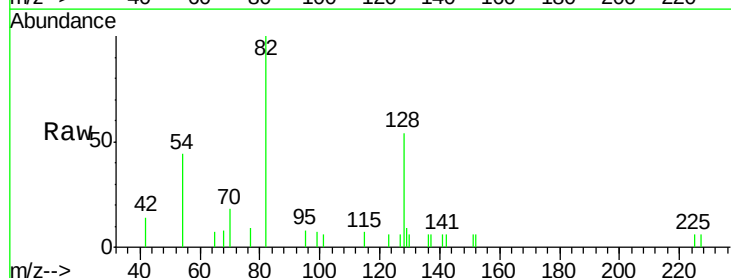
Tgt Ion: 82 Resp: 1517

Ion Ratio Lower Upper

82 100

128 53.9 43.0 64.6

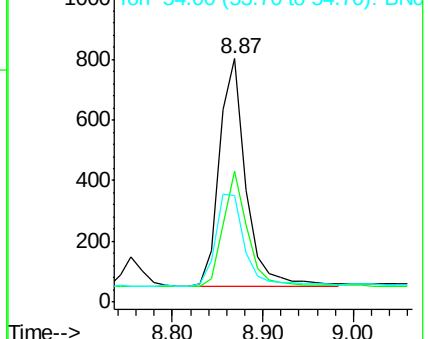
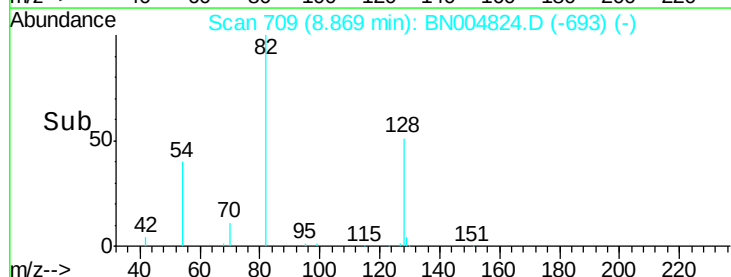
54 43.6 35.3 52.9

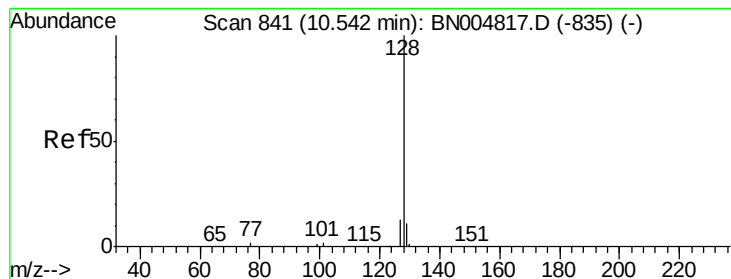


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

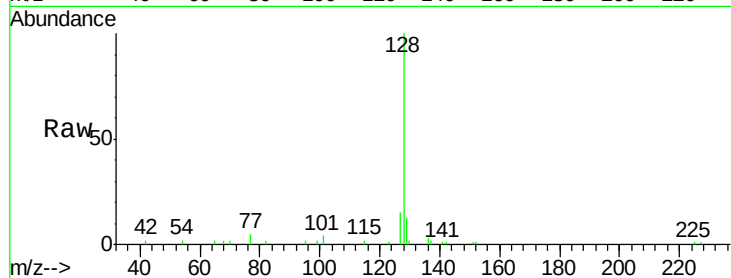
Tot Ion:128 Resp: 6812

Ion Ratio Lower Upper

128 100

129 12.5 9.9 14.9

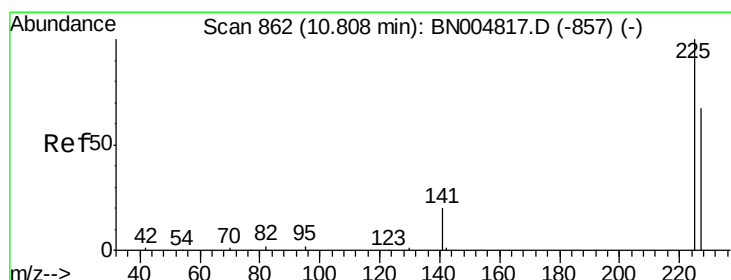
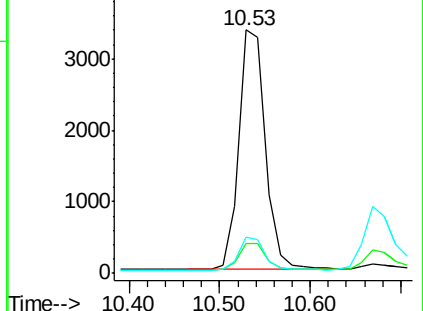
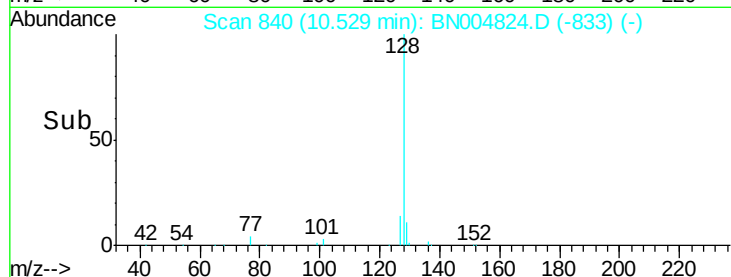
127 14.7 11.3 16.9



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: 0.413 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

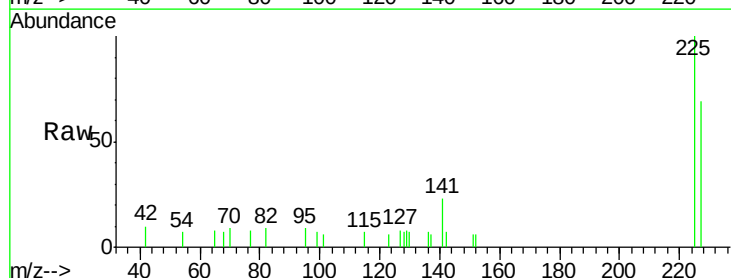
Tgt Ion:225 Resp: 1339

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

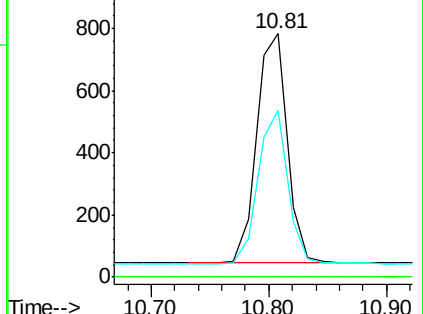
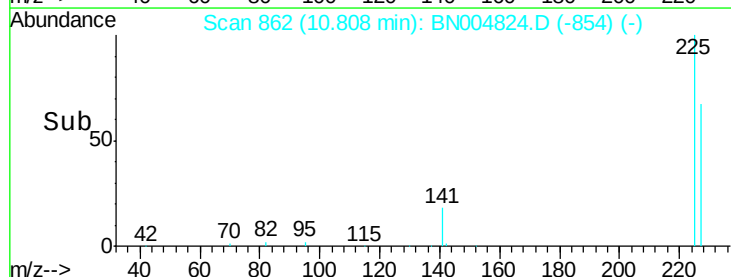
227 64.5 52.2 78.4

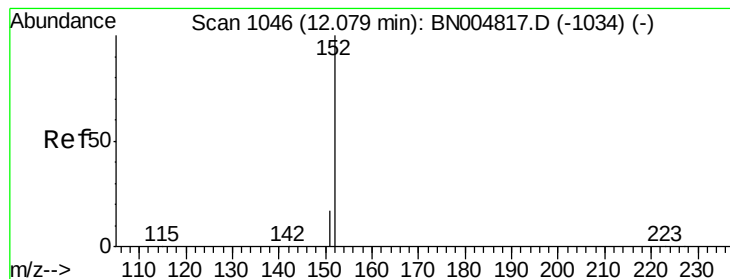


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

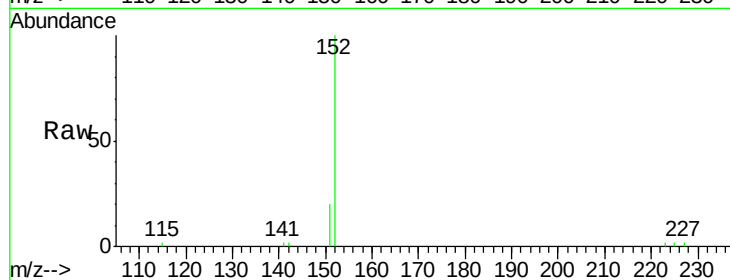
SSTDCCC0.4

Tot Ion:152 Resp: 4248

Ion Ratio Lower Upper

152 100

151 19.1 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

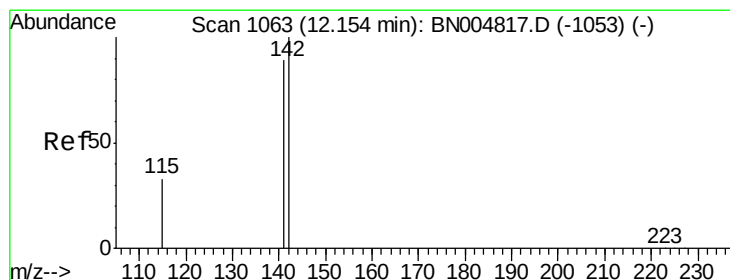
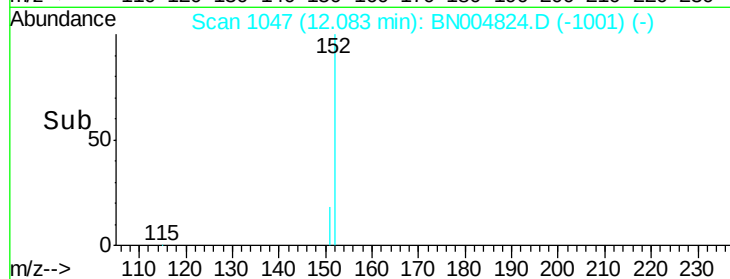
1500

1000

500

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

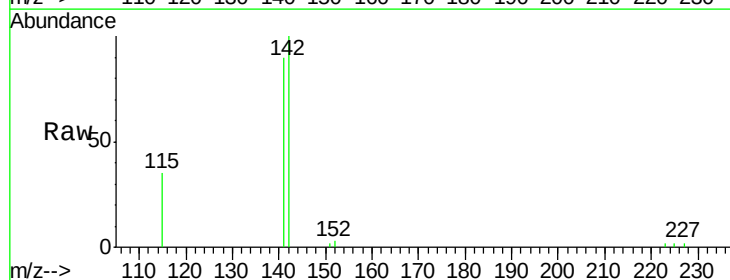
Tgt Ion:142 Resp: 5052

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

115 35.3 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

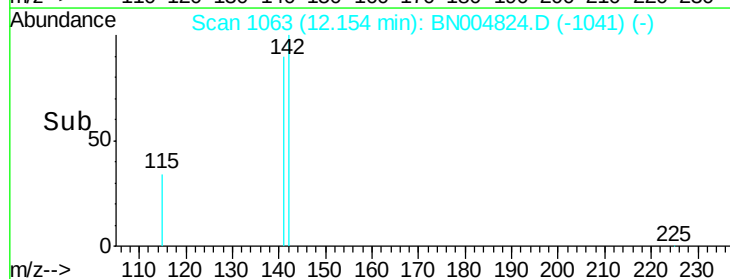
3000

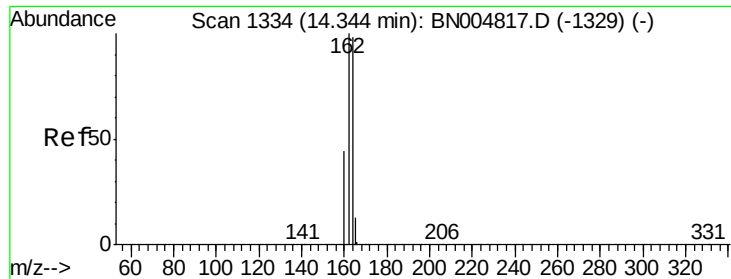
2000

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: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

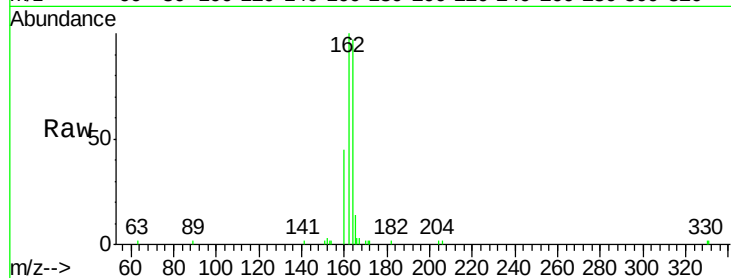
Tot Ion:164 Resp: 3953

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

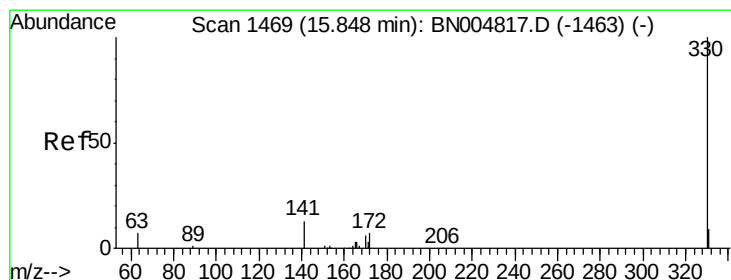
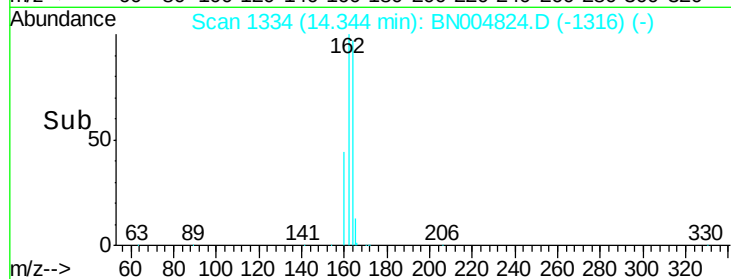
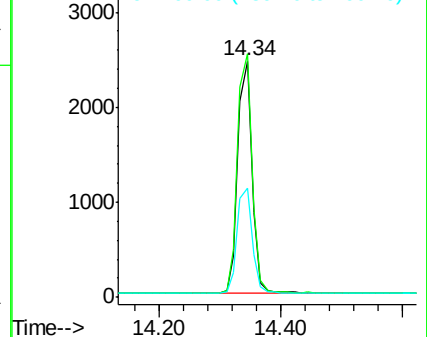
160 46.2 36.6 54.8



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: 0.357 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

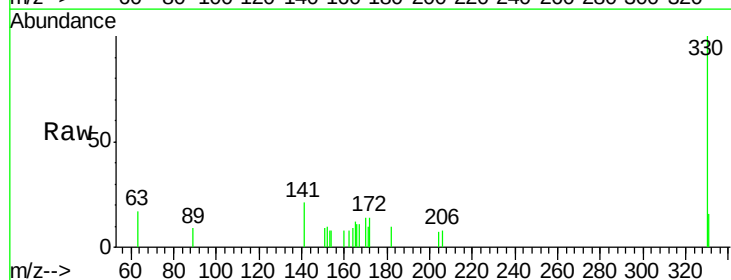
Tgt Ion:330 Resp: 974

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

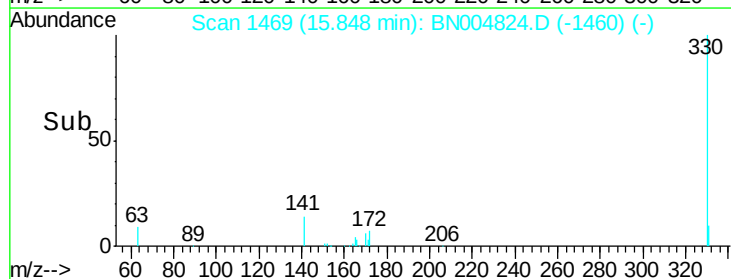
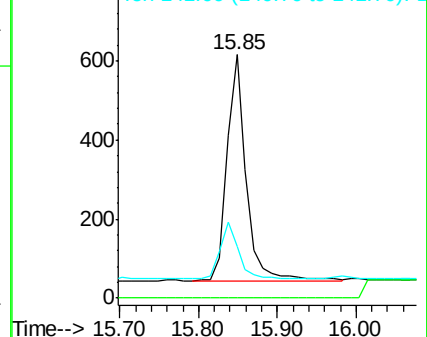
141 23.2 20.9 31.3

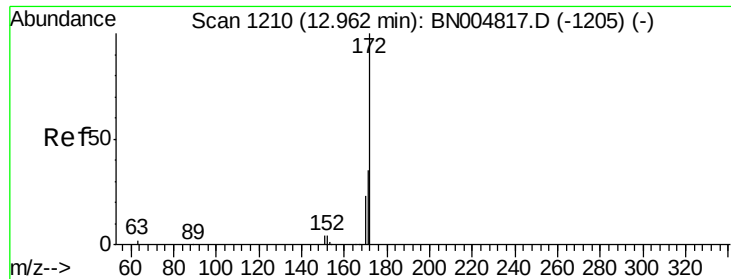


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

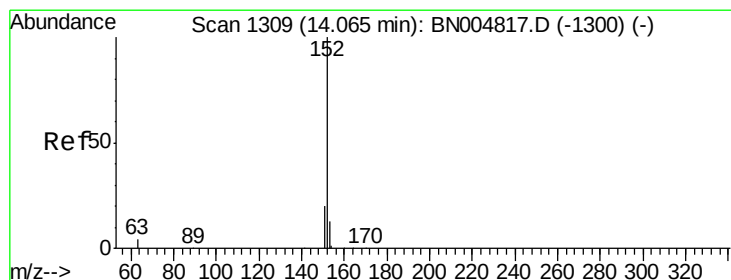
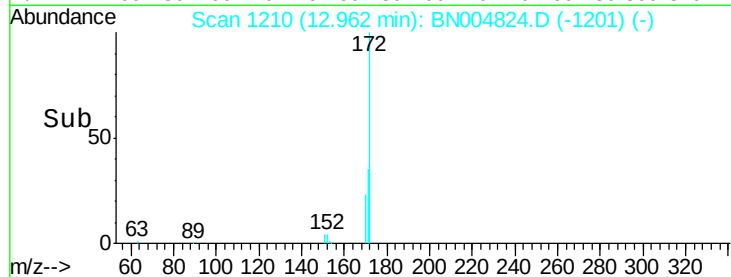
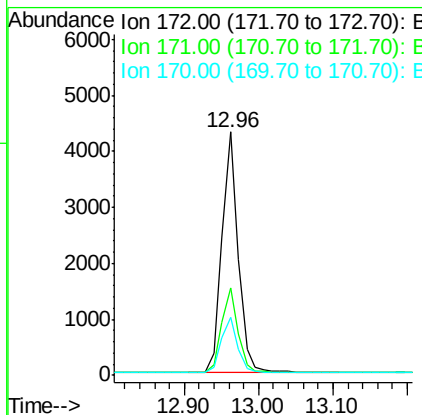
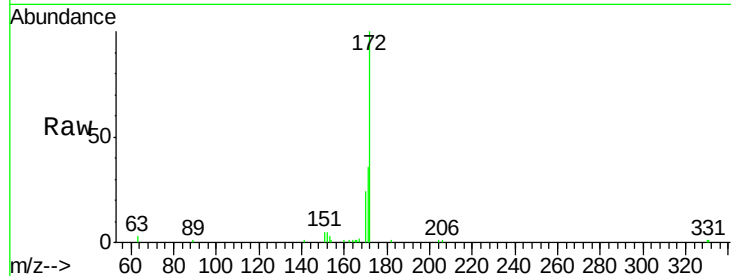




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004824.D
Acq: 20 Mar 2019 18:09

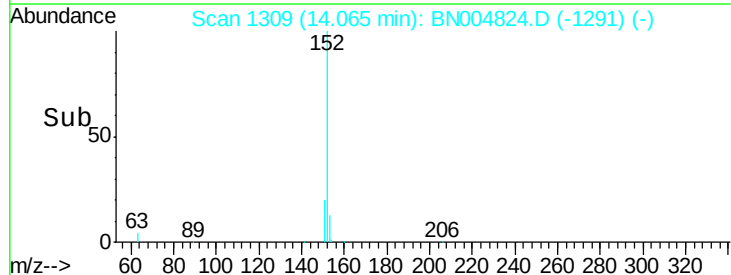
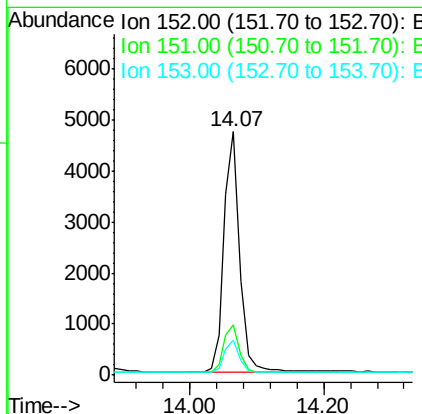
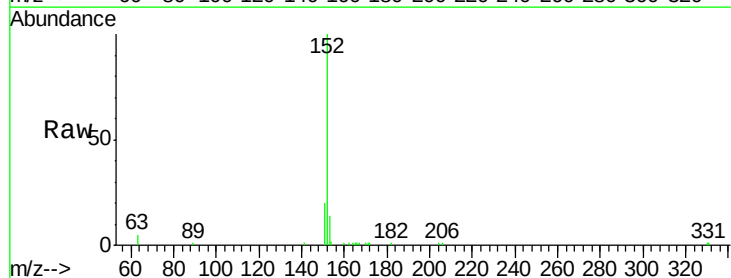
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

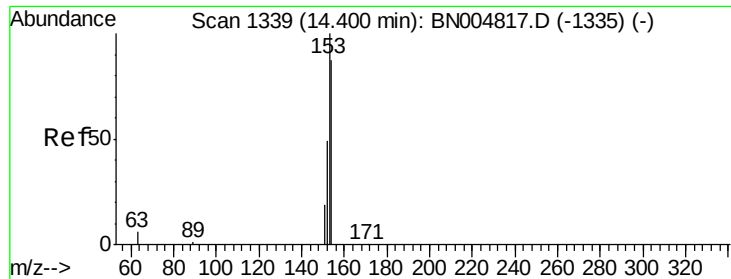
Tot Ion:172 Resp: 6604
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004824.D
Acq: 20 Mar 2019 18:09

Tgt Ion:152 Resp: 7742
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

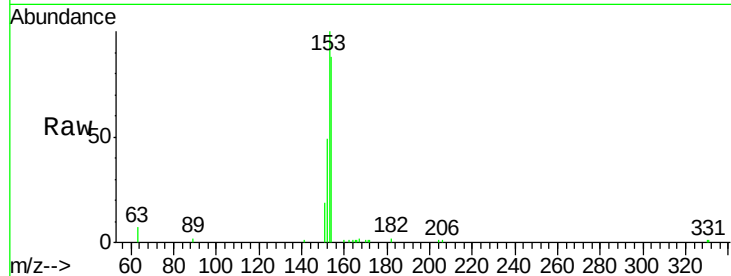
Tot Ion:154 Resp: 5401

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

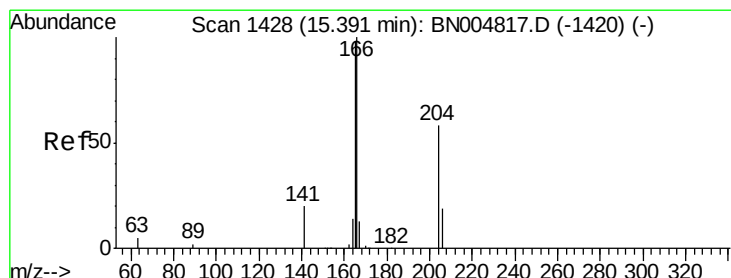
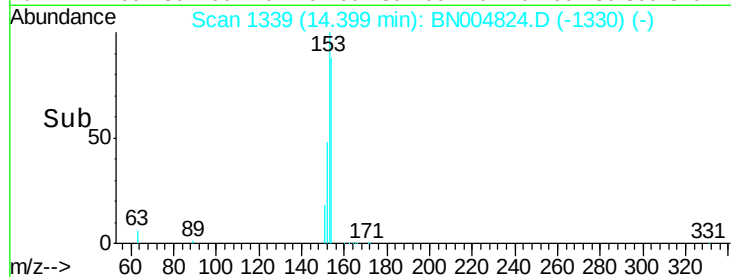
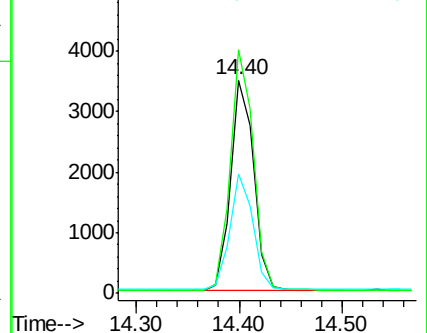
152 54.7 44.2 66.2



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: 0.404 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

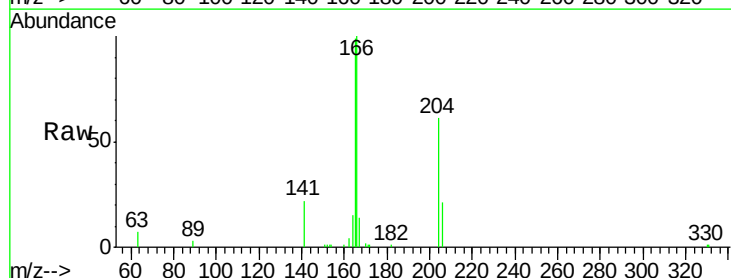
Tgt Ion:166 Resp: 7522

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.4

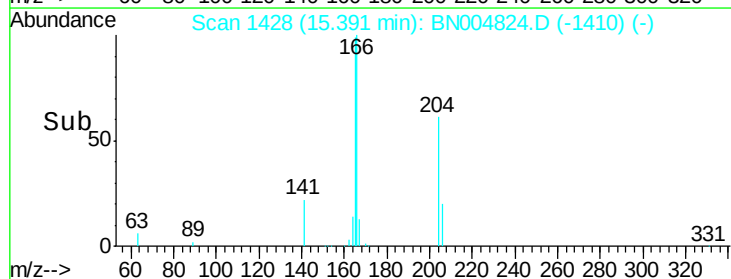
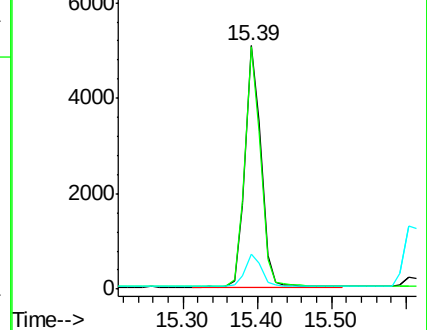
167 13.5 11.0 16.4

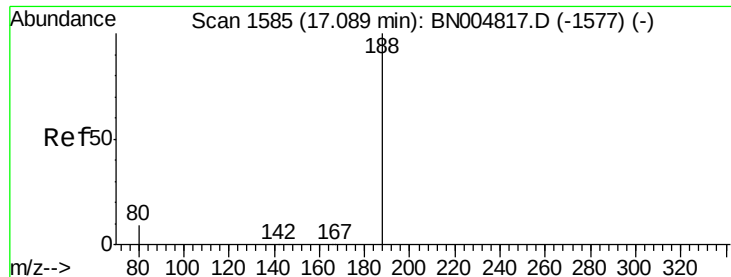


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

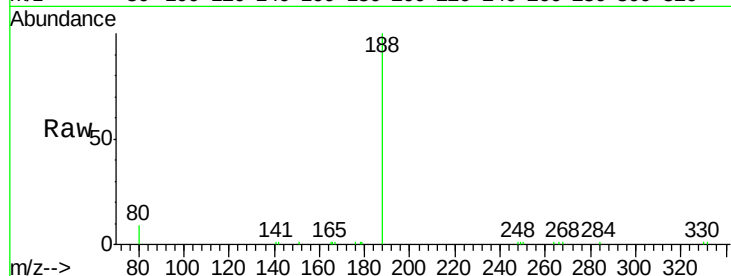
Tot Ion:188 Resp: 10349

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

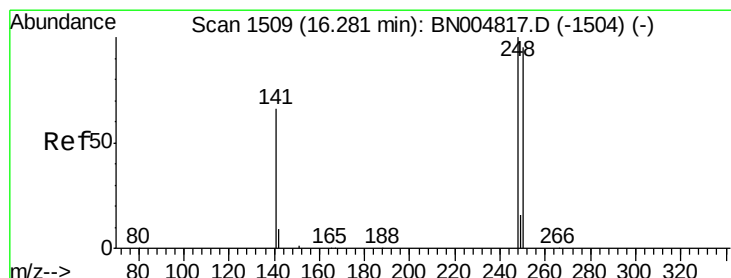
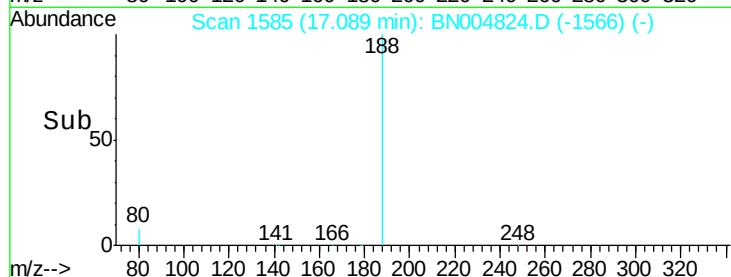
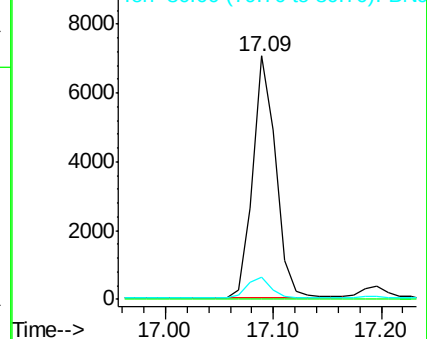
80 8.9 7.4 11.2



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: 0.394 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

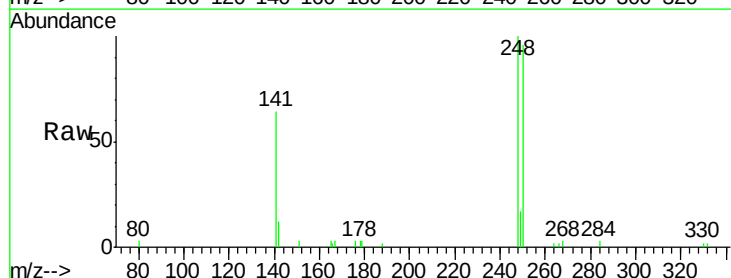
Tgt Ion:248 Resp: 2663

Ion Ratio Lower Upper

248 100

250 96.2 76.2 114.4

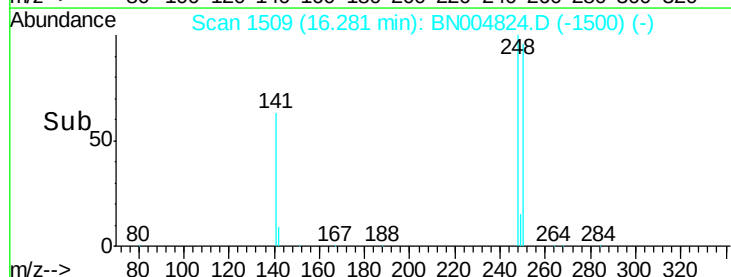
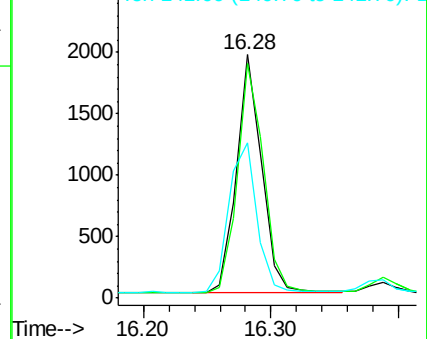
141 63.7 53.9 80.9

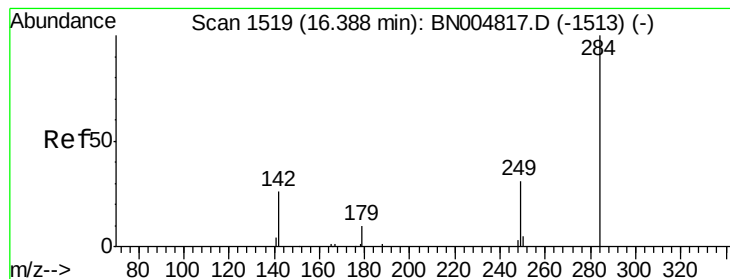


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

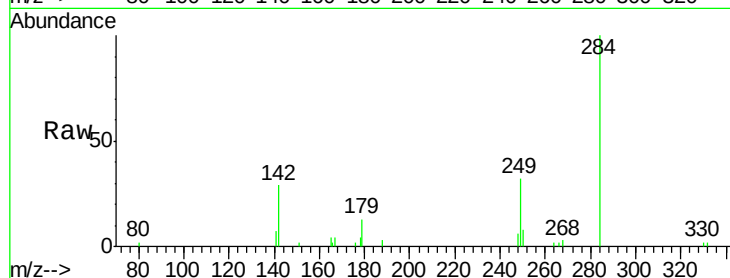
Tot Ion:284 Resp: 3111

Ion Ratio Lower Upper

284 100

142 29.1 22.6 34.0

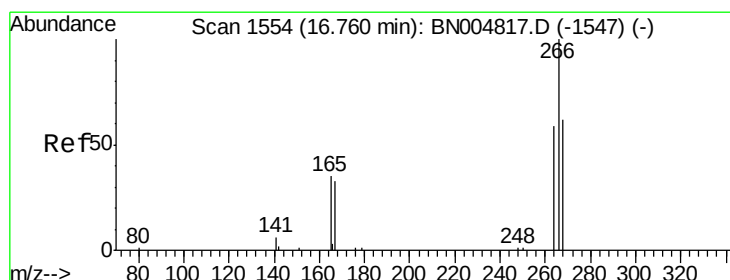
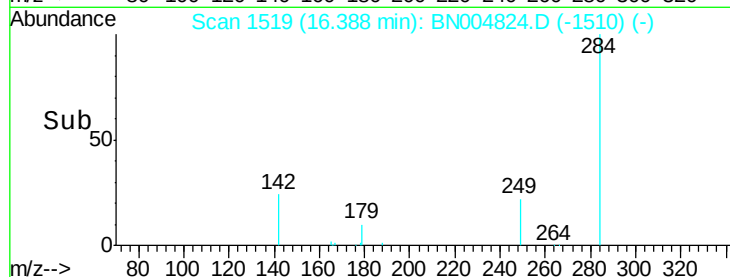
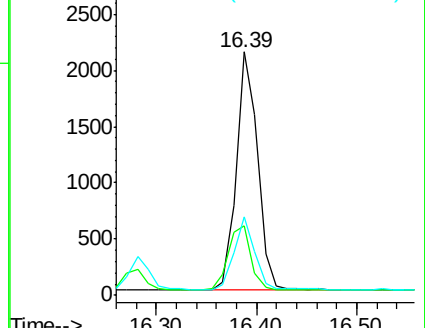
249 29.0 22.5 33.7



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: 0.307 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

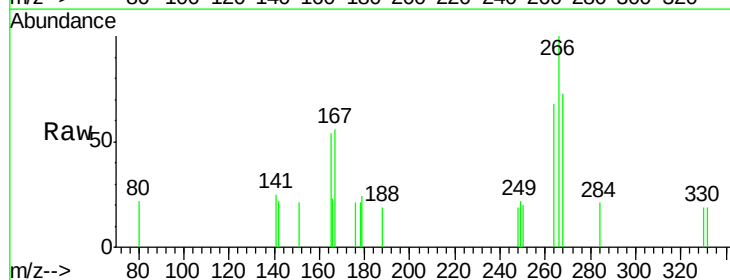
Tgt Ion:266 Resp: 465

Ion Ratio Lower Upper

266 100

264 68.5 53.1 79.7

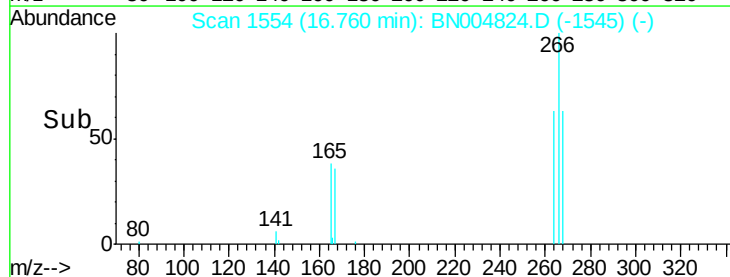
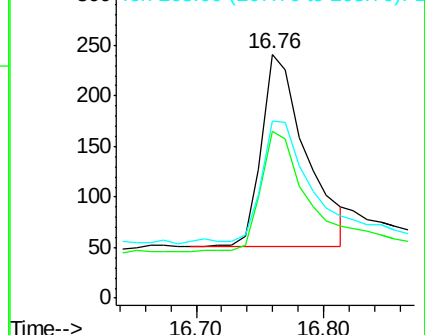
268 72.6 57.7 86.5

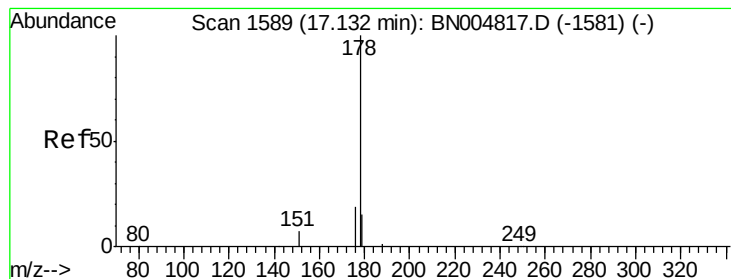


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

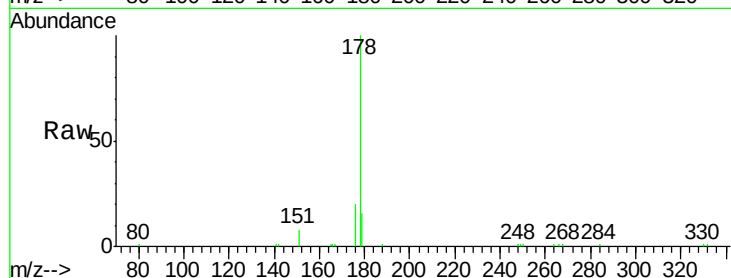
Tot Ion:178 Resp: 13235

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

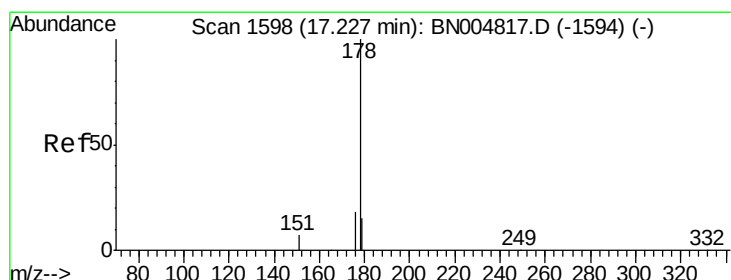
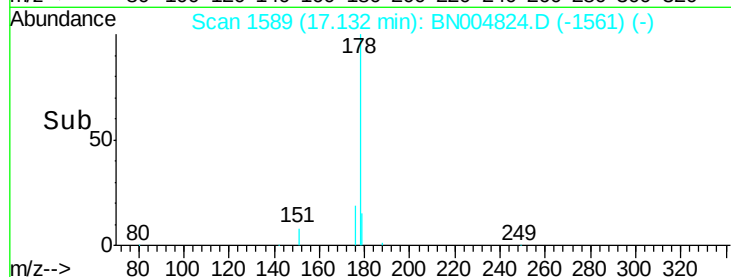
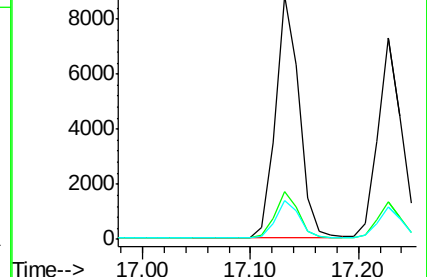
179 15.6 12.1 18.1



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: 0.380 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

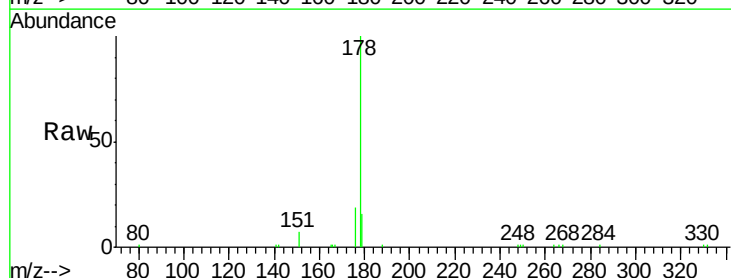
Tgt Ion:178 Resp: 11353

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

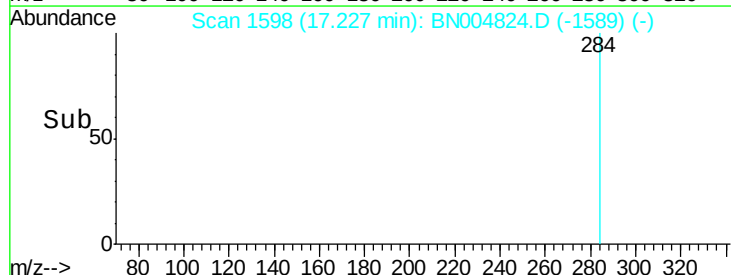
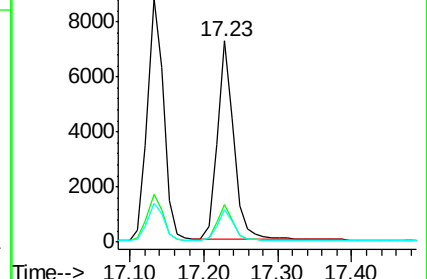
179 15.5 12.2 18.4

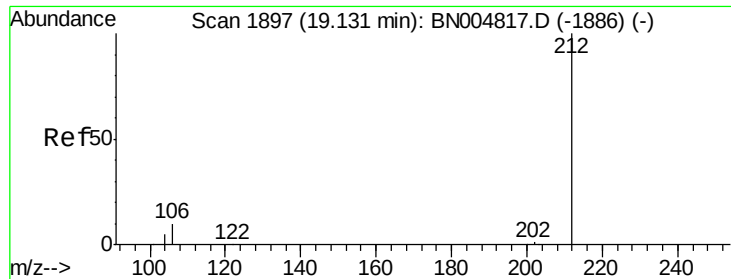


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

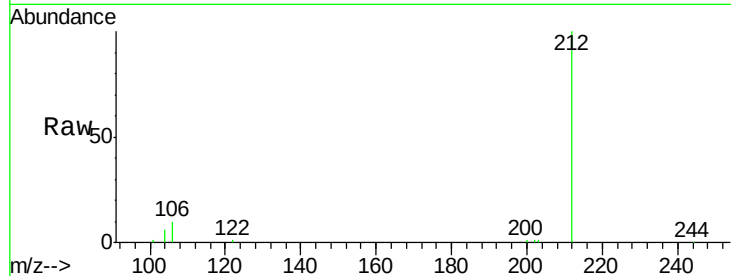
Tot Ion:212 Resp: 13604

Ion Ratio Lower Upper

212 100

106 10.3 8.6 13.0

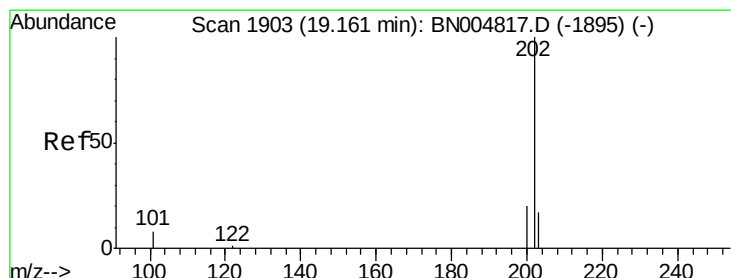
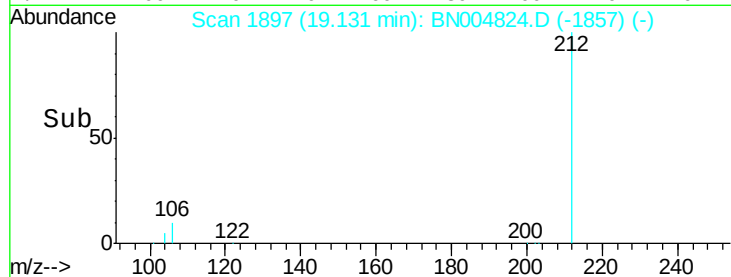
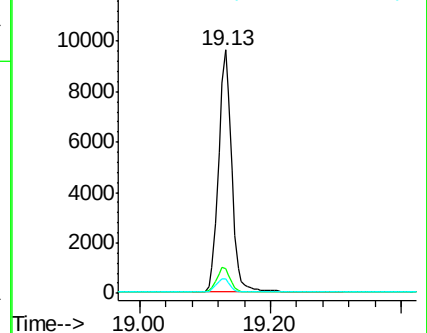
104 5.7 4.7 7.1



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: BN004824.D

Acq: 20 Mar 2019 18:09

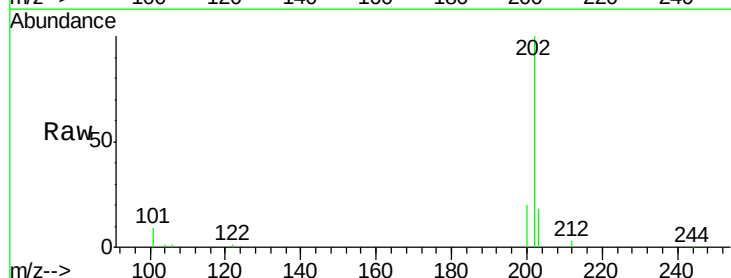
Tgt Ion:202 Resp: 17014

Ion Ratio Lower Upper

202 100

101 9.0 7.5 11.3

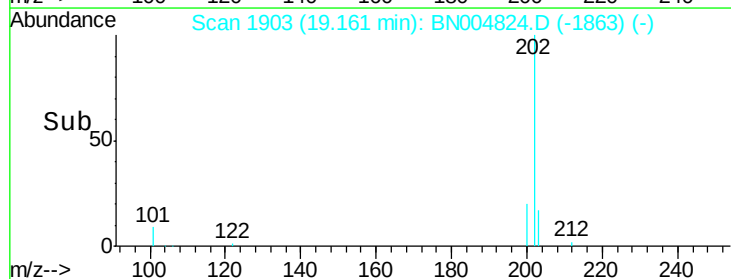
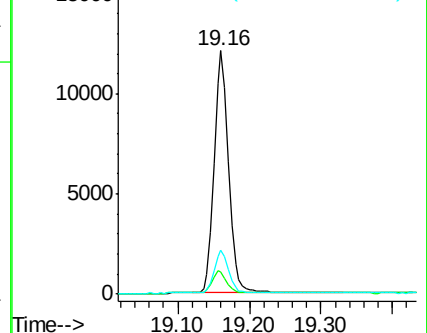
203 17.3 13.8 20.6

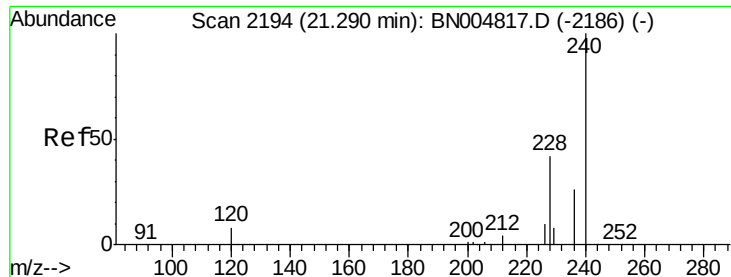


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

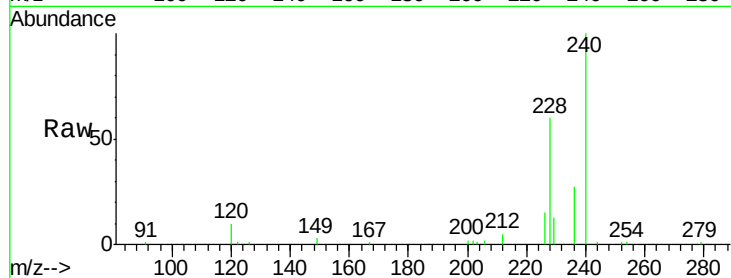
Tot Ion:240 Resp: 14486

Ion Ratio Lower Upper

240 100

120 10.3 7.2 10.8

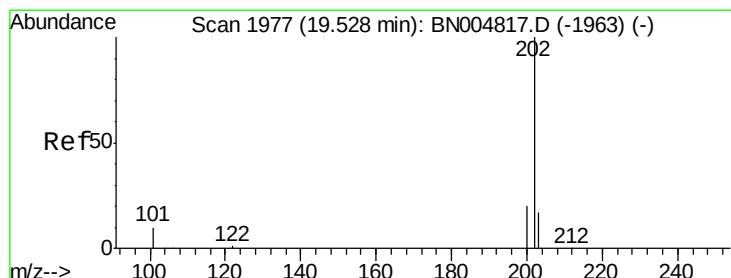
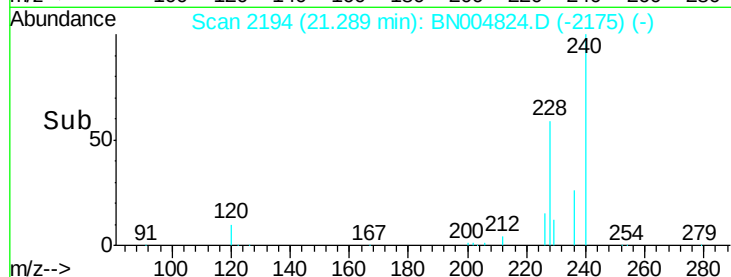
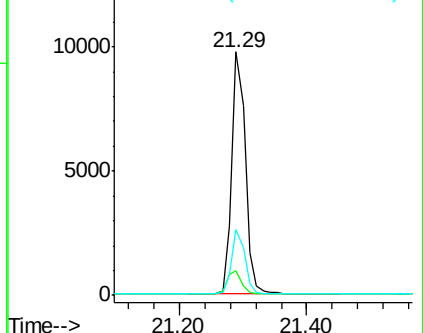
236 26.8 20.9 31.3



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: 0.397 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

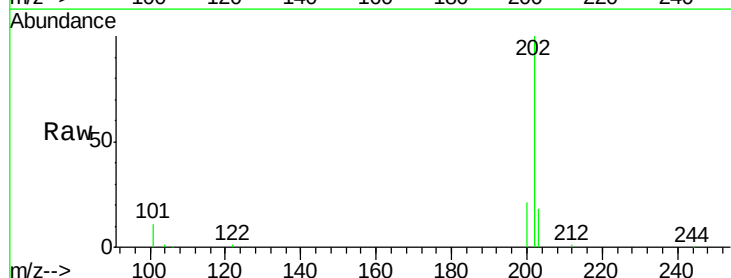
Tgt Ion:202 Resp: 17527

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

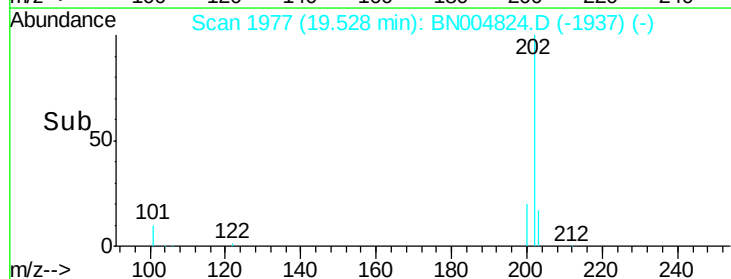
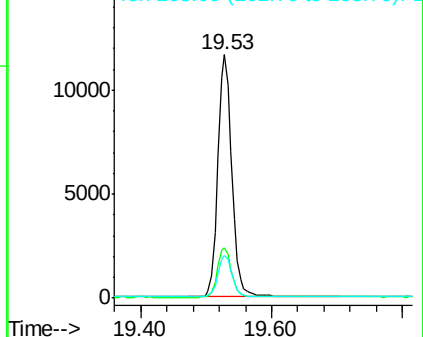
203 17.4 14.0 21.0

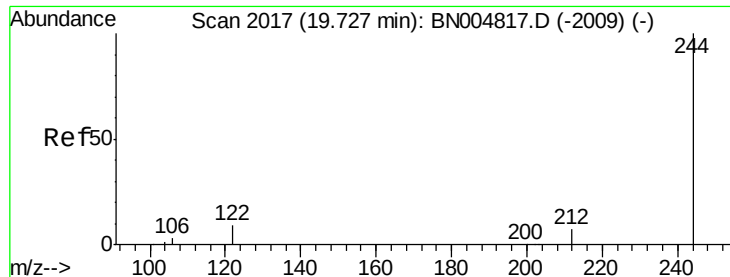


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

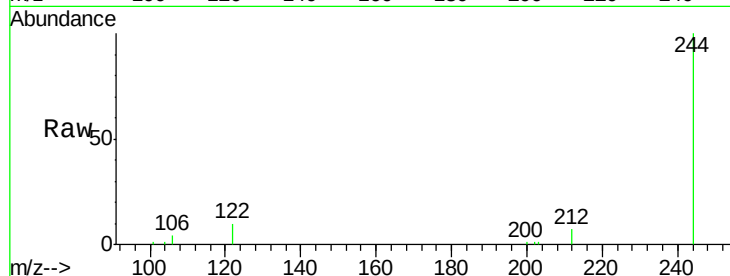
Tot Ion:244 Resp: 11796

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

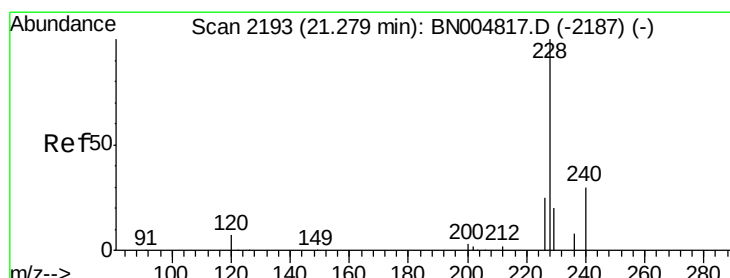
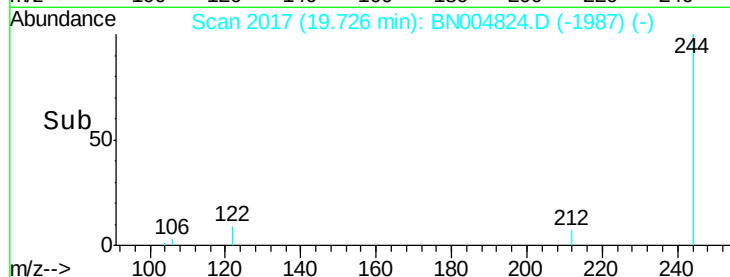
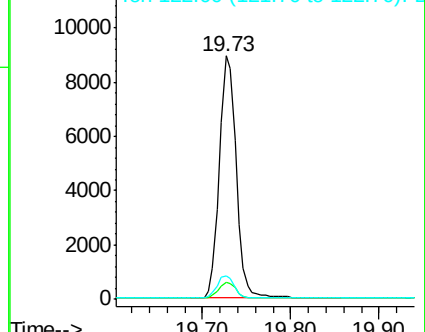
122 9.9 7.9 11.9



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: 0.402 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

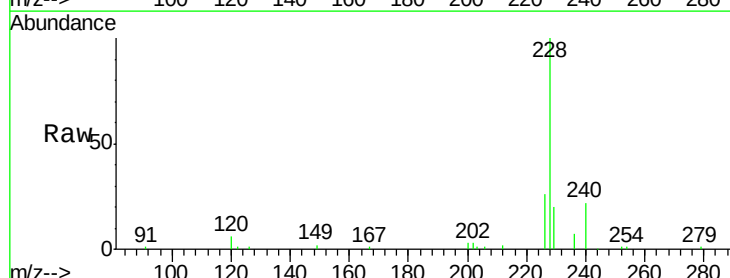
Tgt Ion:228 Resp: 19117

Ion Ratio Lower Upper

228 100

226 26.5 20.6 31.0

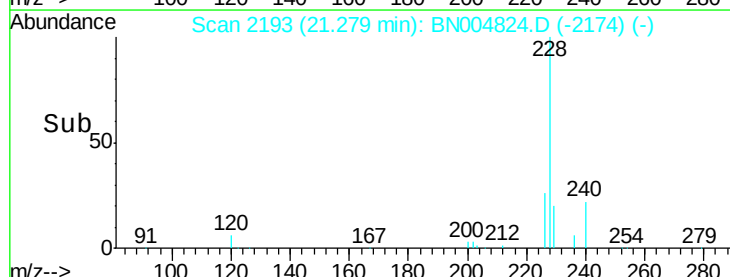
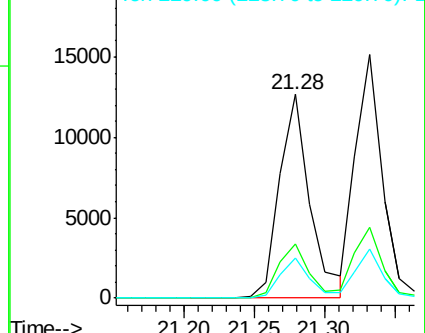
229 19.9 16.2 24.4

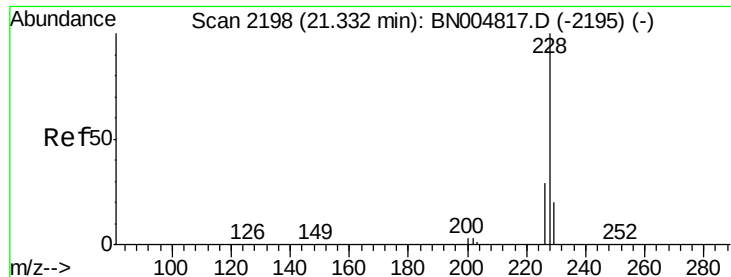


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

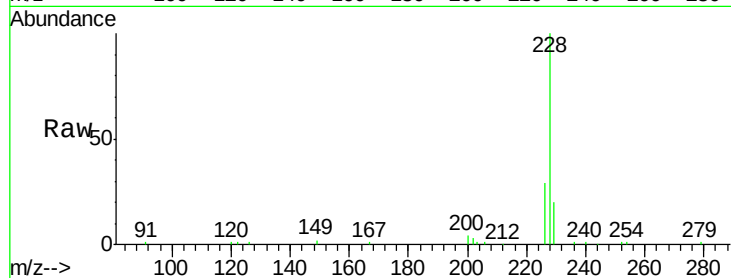
Tot Ion:228 Resp: 19996

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

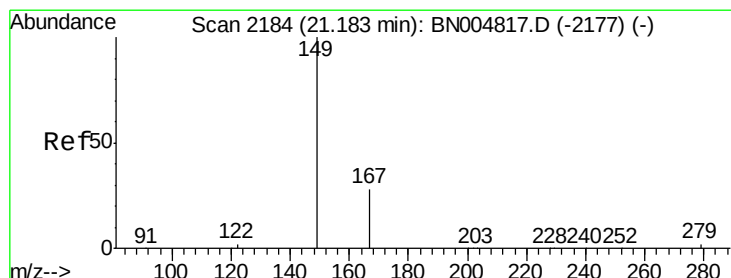
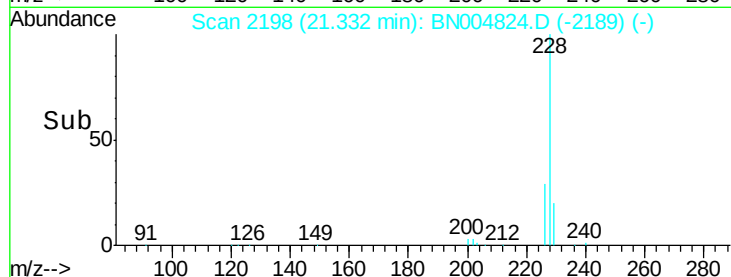
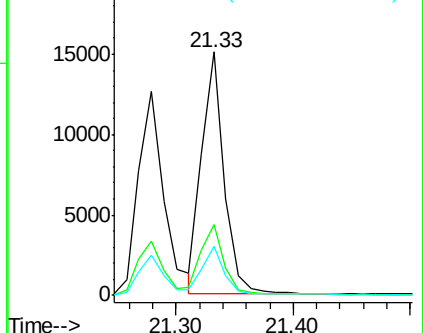
229 20.1 16.2 24.2



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: 0.378 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

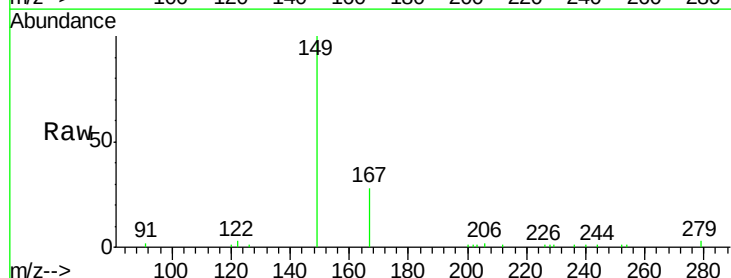
Tgt Ion:149 Resp: 7170

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

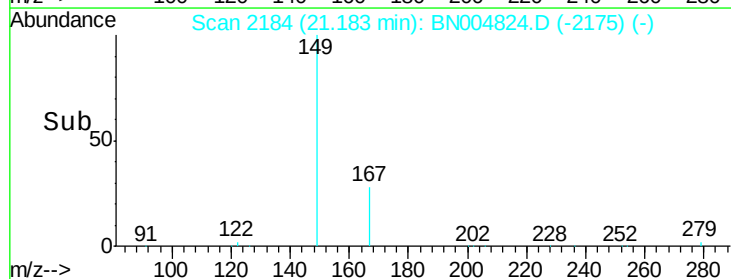
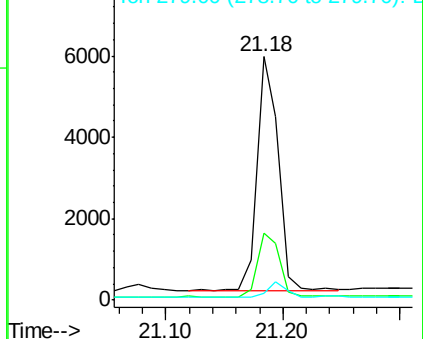
279 5.7 4.6 6.8

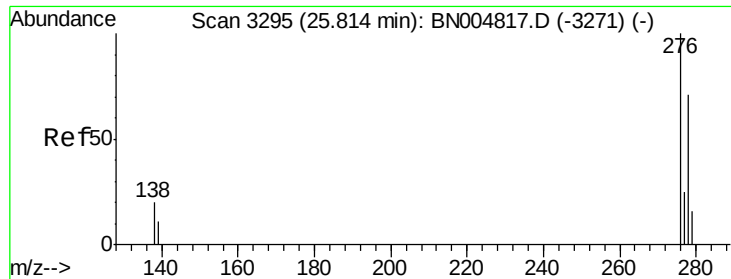


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.433 ng

RT: 25.82 min Scan# 3296

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

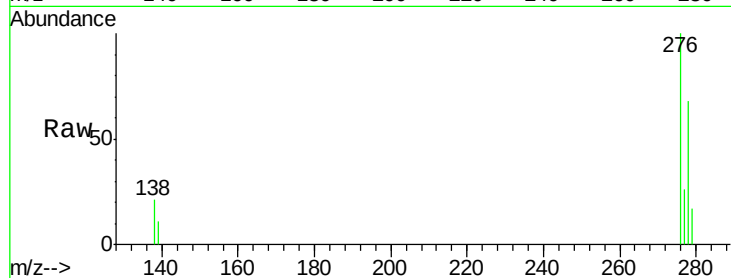
Tot Ion:276 Resp: 31380

Ion Ratio Lower Upper

276 100

138 20.6 16.6 24.8

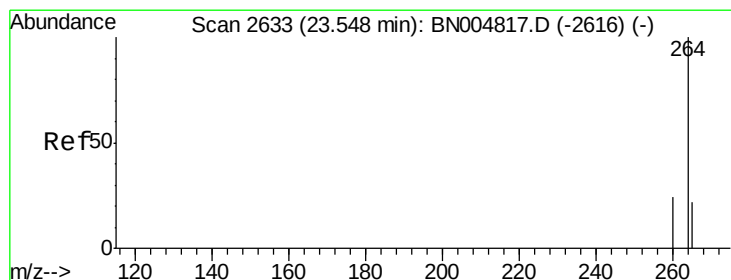
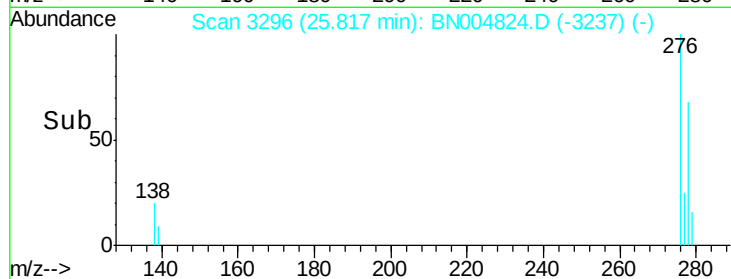
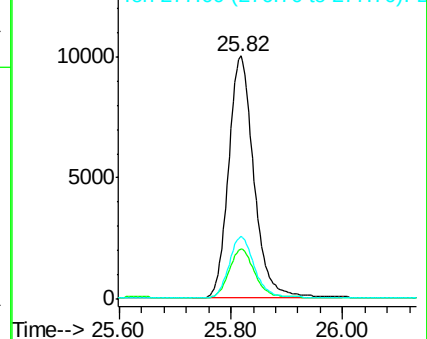
277 25.4 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

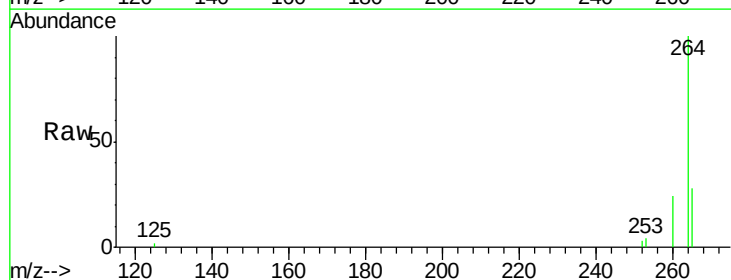
Tgt Ion:264 Resp: 16563

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

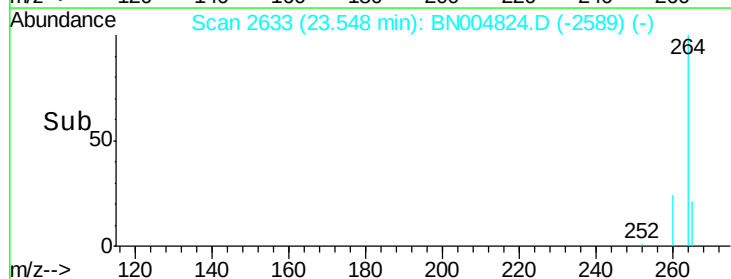
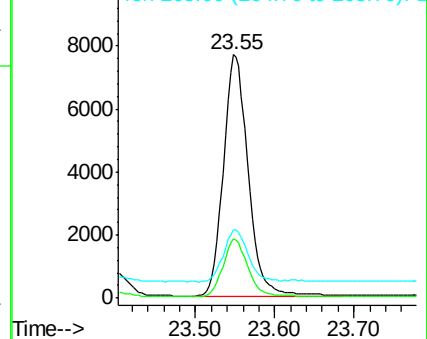
265 27.9 23.1 34.7

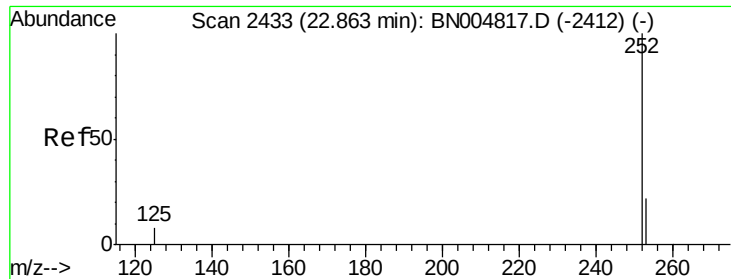


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

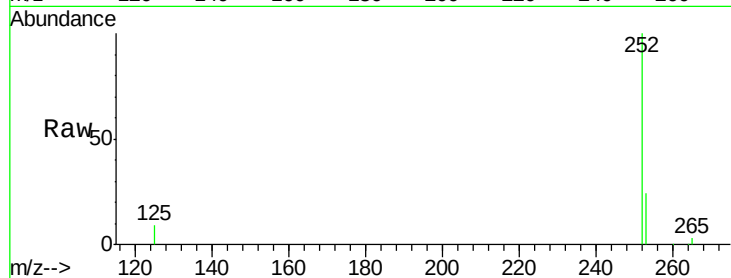
Tot Ion:252 Resp: 24201

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

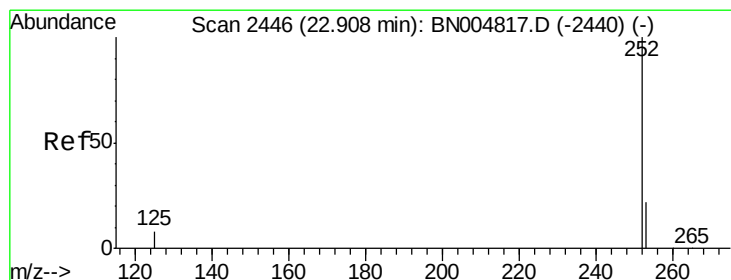
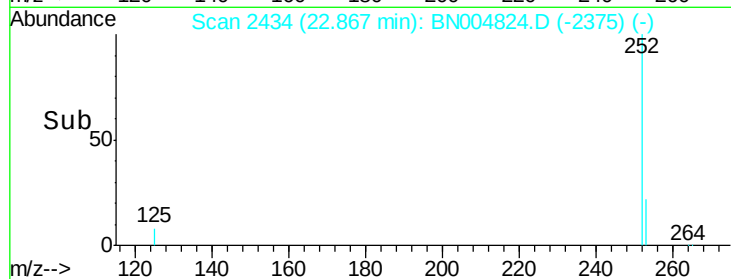
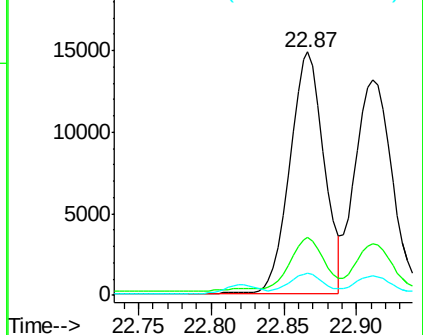
125 9.0 7.4 11.2



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: 0.404 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

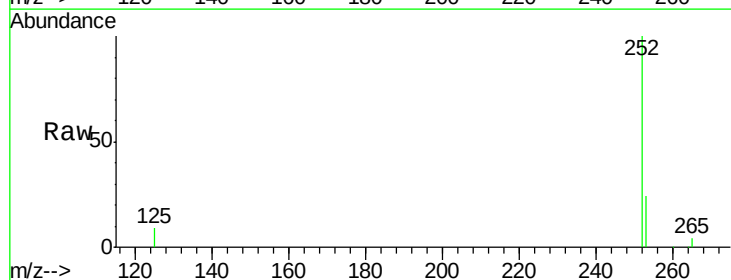
Tgt Ion:252 Resp: 23821

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

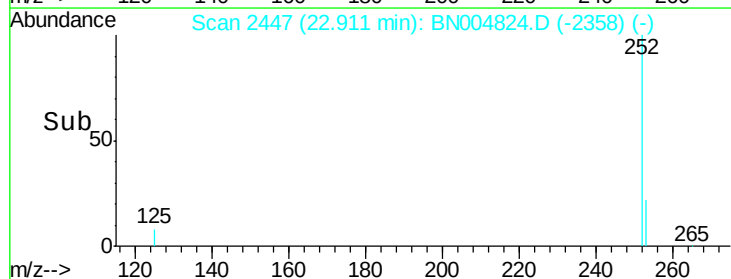
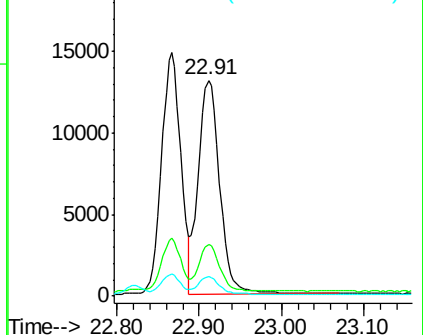
125 9.1 7.4 11.0

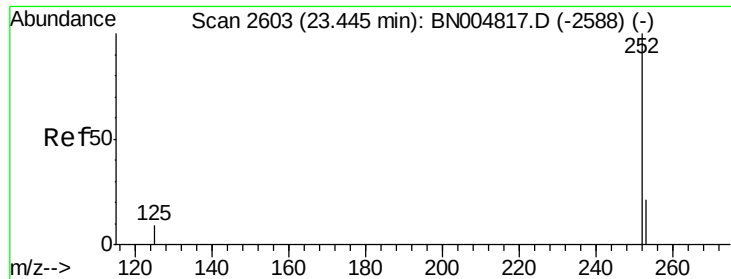


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

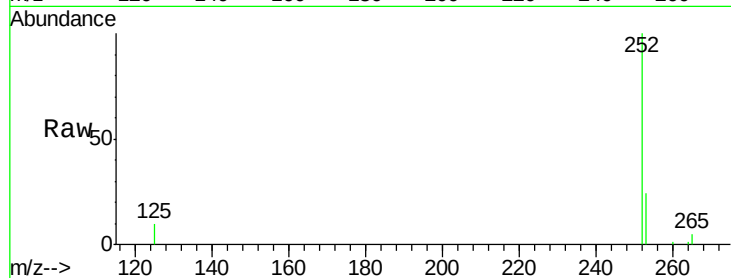
Tot Ion:252 Resp: 22068

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

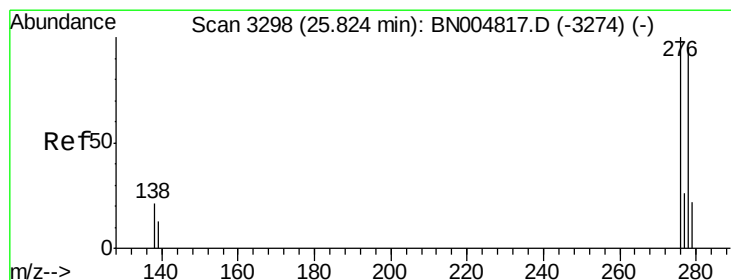
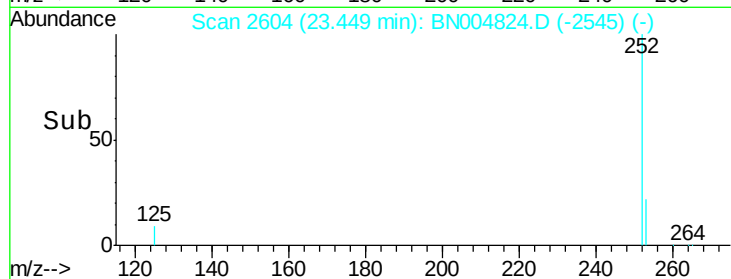
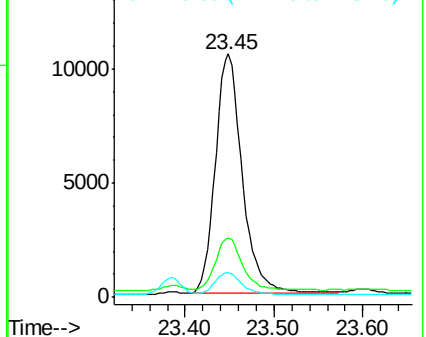
125 10.3 8.3 12.5



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: 0.406 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

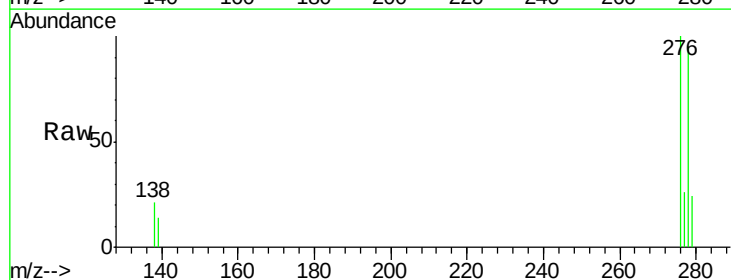
Tgt Ion:278 Resp: 25848

Ion Ratio Lower Upper

278 100

139 14.5 11.7 17.5

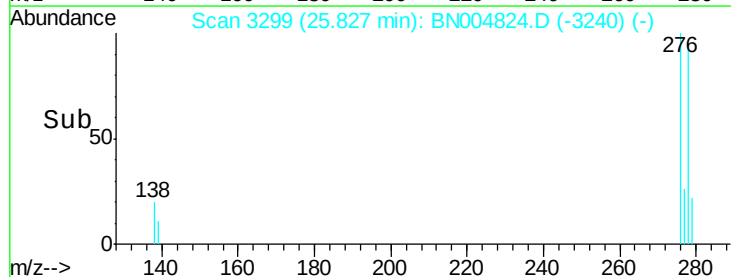
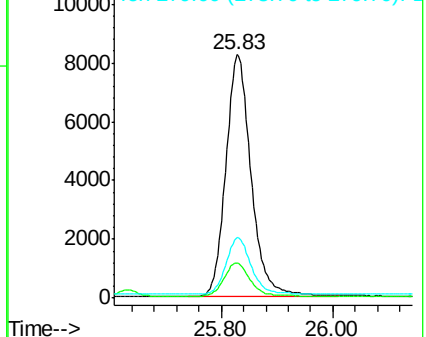
279 24.9 19.9 29.9

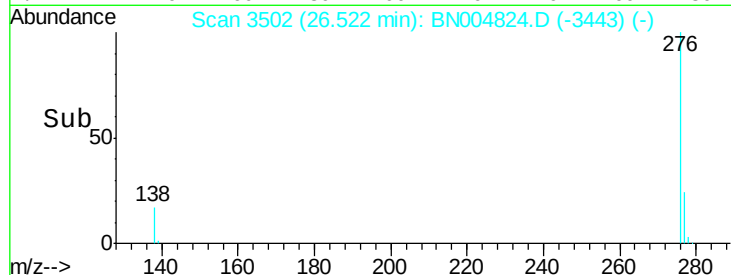
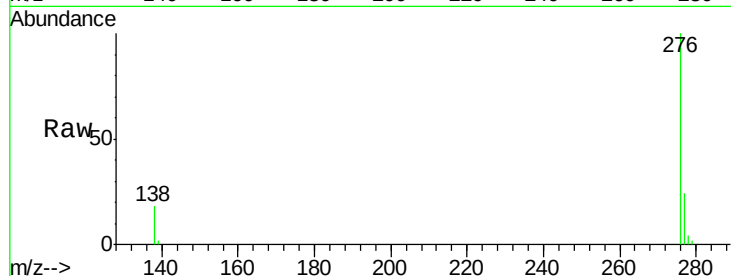
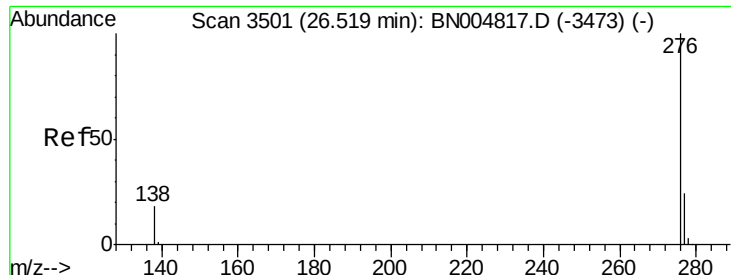


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.406 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004824.D

Acq: 20 Mar 2019 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:276 Resp: 26328

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.3 14.6 22.0

