

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004841.D
 Acq On : 21 Mar 2019 04:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 21 08:50:59 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	1743	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7760	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5017	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13150	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17863	0.40	ng	0.00
34) Perylene-d12	23.54	264	20046	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1837	0.39	ng	0.00
5) Phenol-d6	6.88	99	2293	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1900	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5491	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1212	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8540	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	17244	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	14847	0.41	ng	0.00

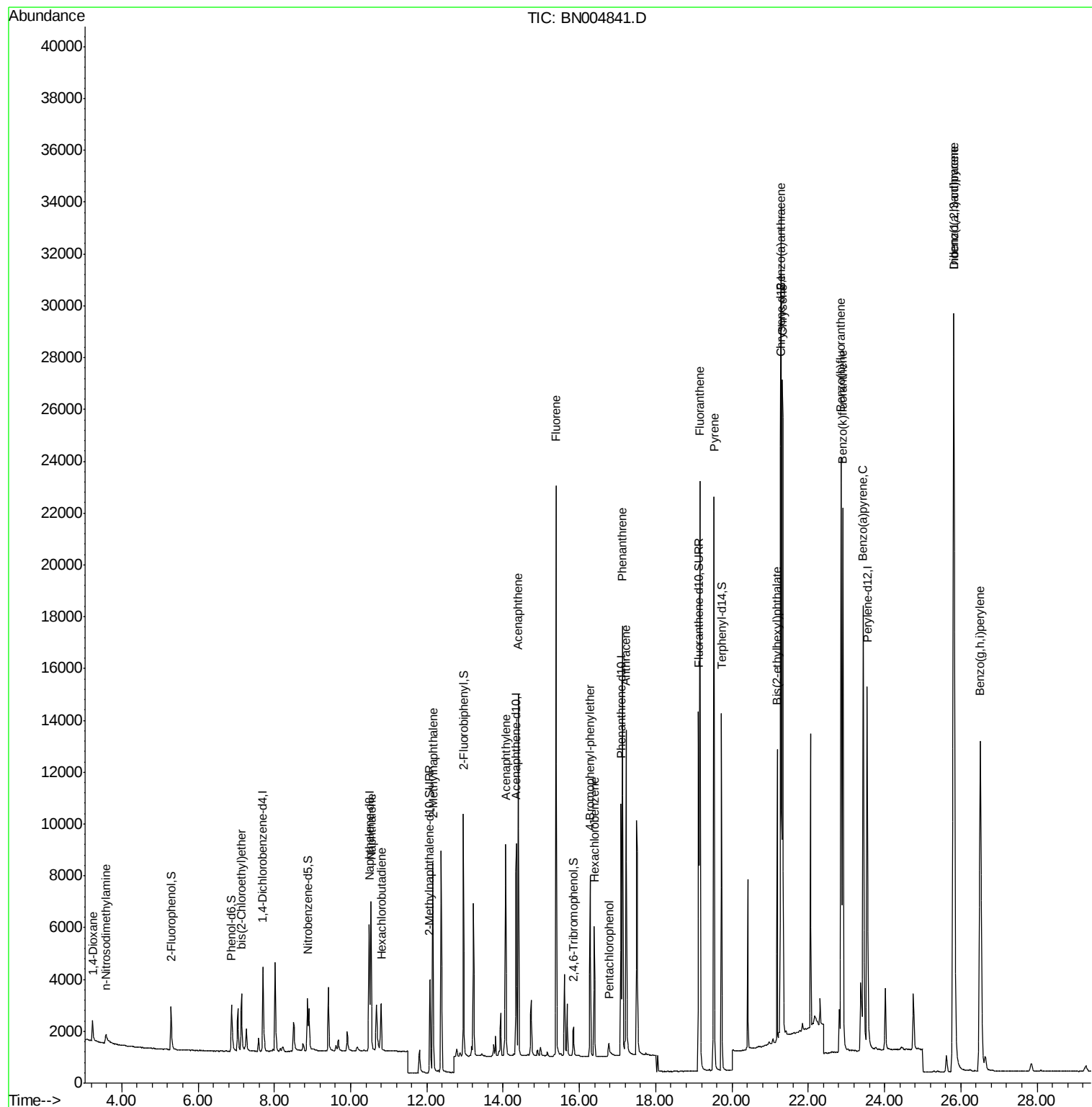
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	715	0.361	ng	96
3) n-Nitrosodimethylamine	3.59	42	351	0.300	ng	# 97
6) bis(2-Chloroethyl)ether	7.14	93	2085	0.392	ng	97
9) Naphthalene	10.54	128	8851	0.407	ng	100
10) Hexachlorobutadiene	10.81	225	1709	0.412	ng	# 100
12) 2-Methylnaphthalene	12.15	142	6550	0.405	ng	99
16) Acenaphthylene	14.07	152	9967	0.386	ng	100
17) Acenaphthene	14.40	154	6876	0.406	ng	99
18) Fluorene	15.39	166	9580	0.406	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	3349	0.390	ng	99
21) Hexachlorobenzene	16.39	284	3968	0.404	ng	99
22) Pentachlorophenol	16.77	266	461	0.240	ng	96
23) Phenanthrene	17.13	178	16917	0.398	ng	99
24) Anthracene	17.23	178	14643	0.386	ng	100
26) Fluoranthene	19.16	202	21606	0.396	ng	100
28) Pyrene	19.53	202	22312	0.410	ng	100
30) Benzo(a)anthracene	21.28	228	23195	0.396	ng	99
31) Chrysene	21.32	228	25795	0.418	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	9074	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	36712	0.411	ng	100
35) Benzo(b)fluoranthene	22.86	252	29236	0.403	ng	100
36) Benzo(k)fluoranthene	22.90	252	28272	0.396	ng	99
37) Benzo(a)pyrene	23.44	252	26649	0.401	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	30109	0.391	ng	99
39) Benzo(g,h,i)perylene	26.51	276	30401	0.387	ng	100

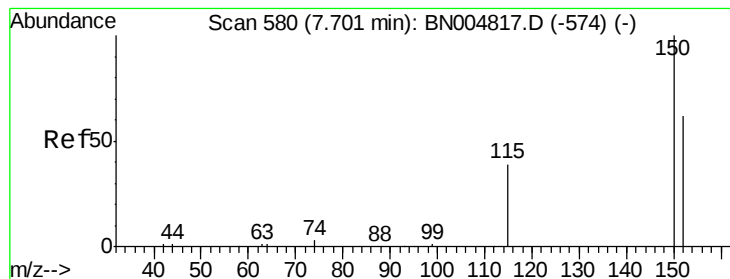
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

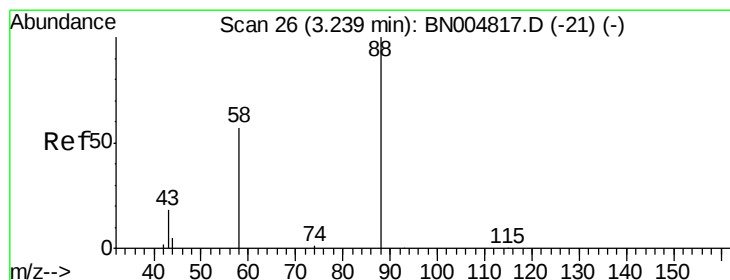
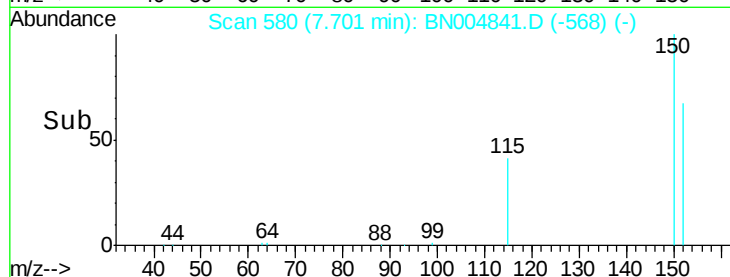
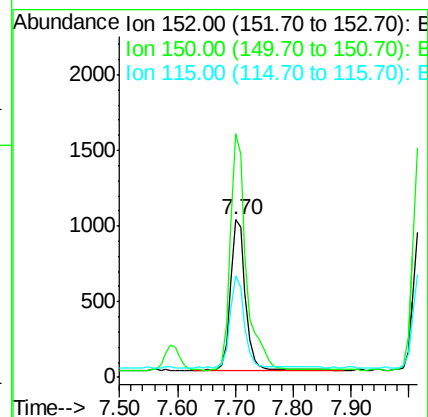
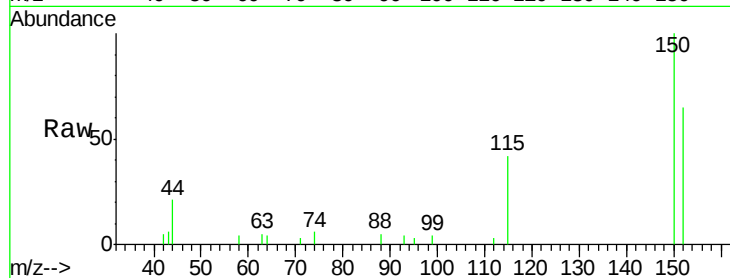
Tot Ion:152 Resp: 1743

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.4

115 64.8 52.6 79.0



#2

1,4-Dioxane

Concen: 0.361 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

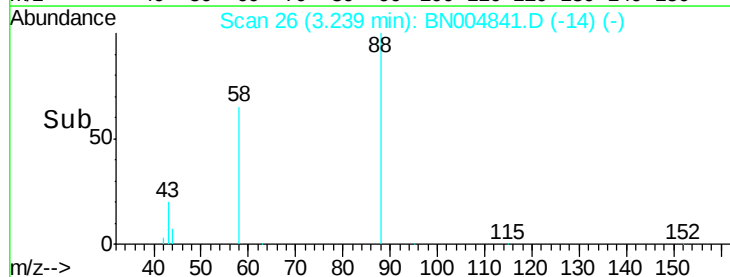
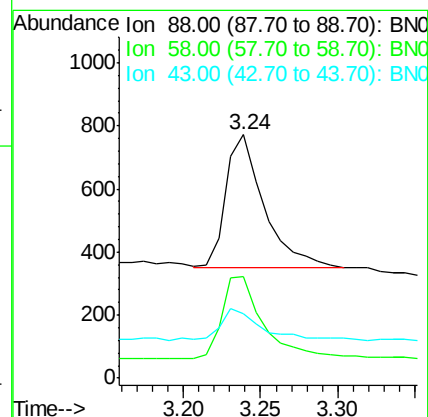
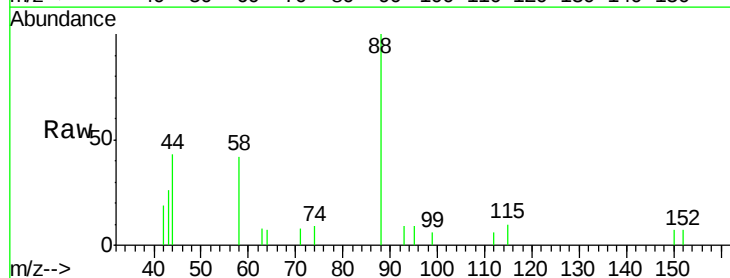
Tgt Ion: 88 Resp: 715

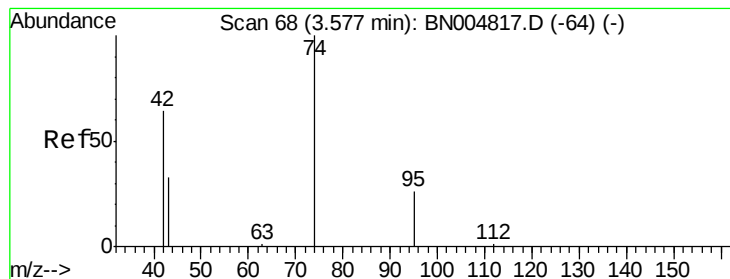
Ion Ratio Lower Upper

88 100

58 68.1 51.4 77.2

43 25.2 20.0 30.0



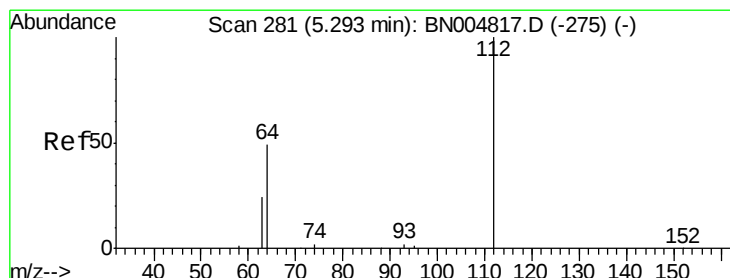
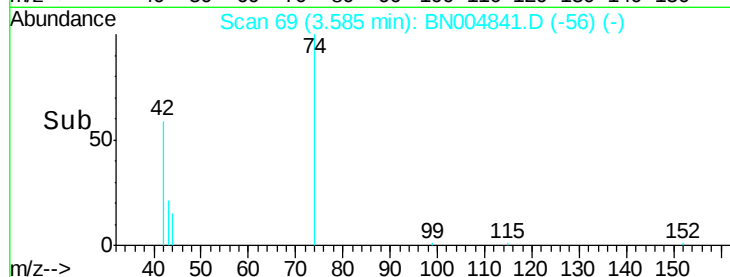
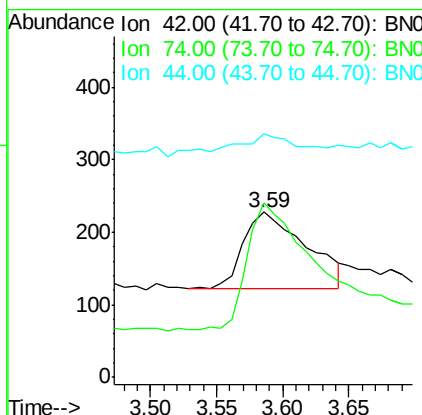
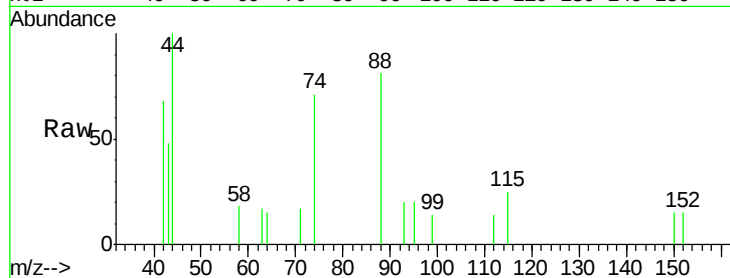


#3

n-Nitrosodimethylamine
 Concen: 0.300 ng
 RT: 3.59 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BN004841.D
 Acq: 21 Mar 2019 04:14

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4EC

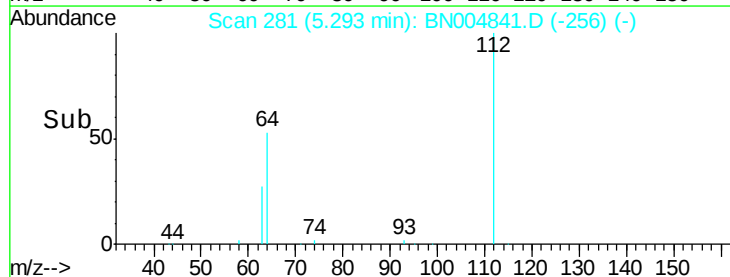
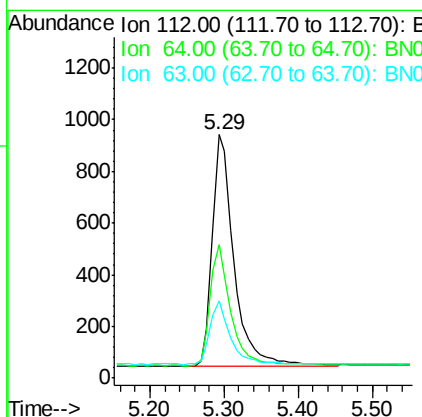
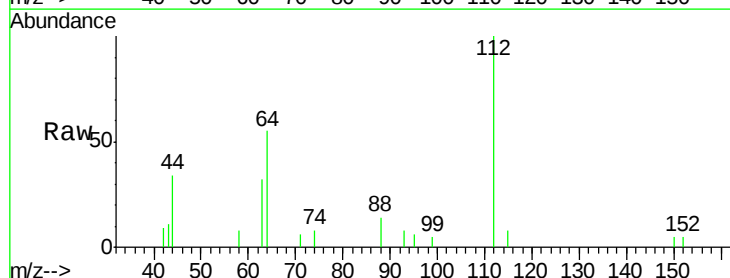
Tot Ion: 42 Resp: 351
 Ion Ratio Lower Upper
 42 100
 74 160.4 128.4 192.6
 44 31.3 6.1 9.1#

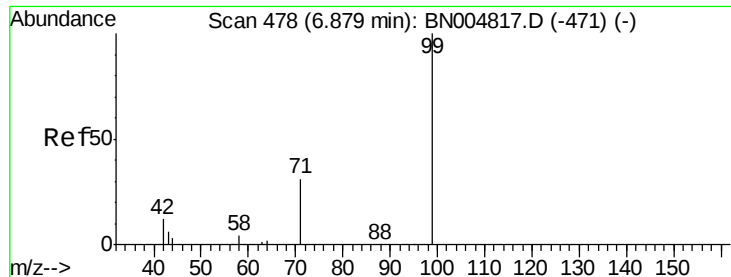


#4

2-Fluorophenol
 Concen: 0.388 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004841.D
 Acq: 21 Mar 2019 04:14

Tgt Ion: 112 Resp: 1837
 Ion Ratio Lower Upper
 112 100
 64 51.0 40.0 60.0
 63 26.6 20.2 30.2





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

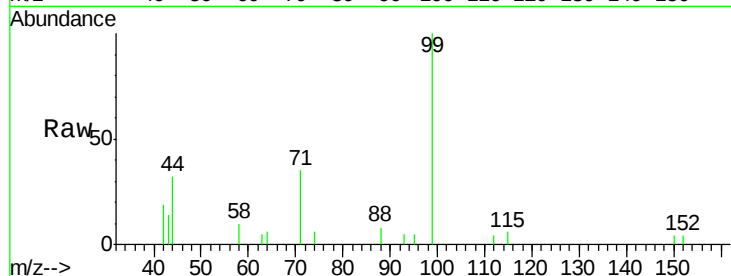
Tot Ion: 99 Resp: 2293

Ion Ratio Lower Upper

99 100

42 15.0 12.7 19.1

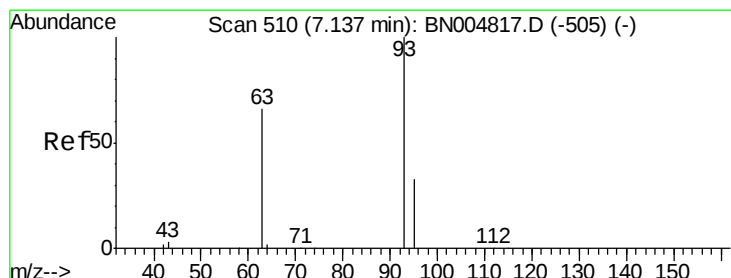
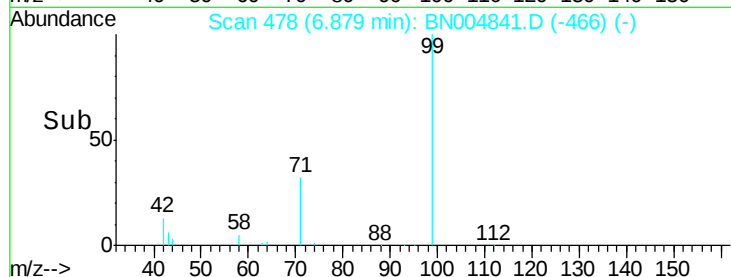
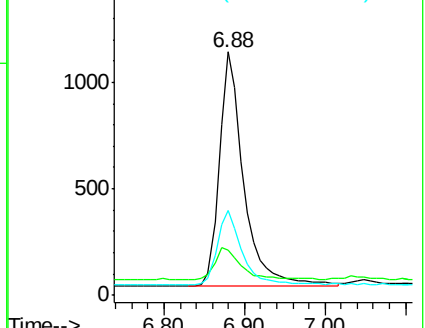
71 32.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004841.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004841.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004841.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

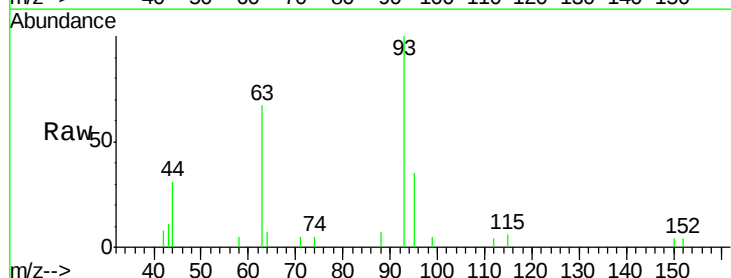
Tgt Ion: 93 Resp: 2085

Ion Ratio Lower Upper

93 100

63 62.4 52.6 78.8

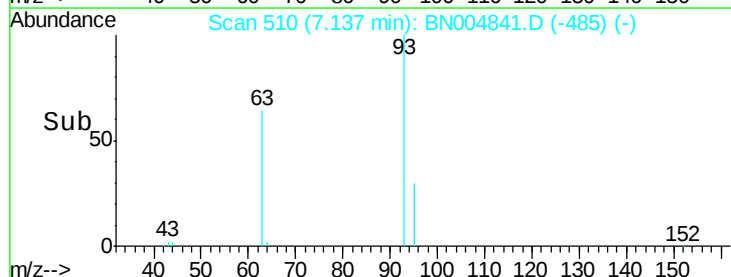
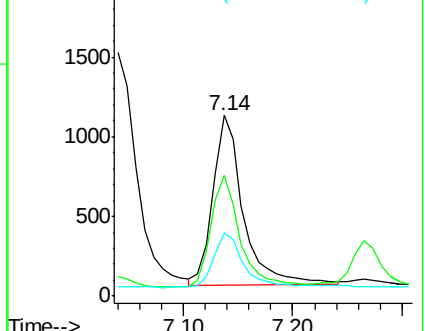
95 31.2 25.9 38.9

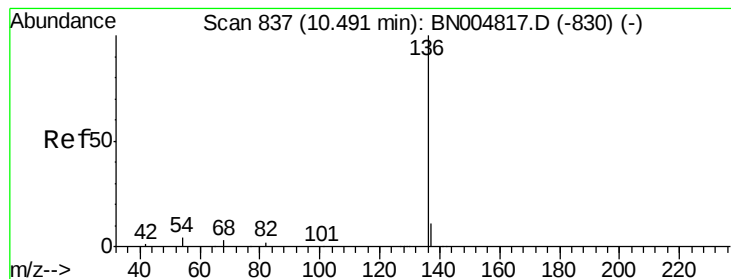


Abundance Ion 93.00 (92.70 to 93.70): BN004841.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004841.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004841.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 7760

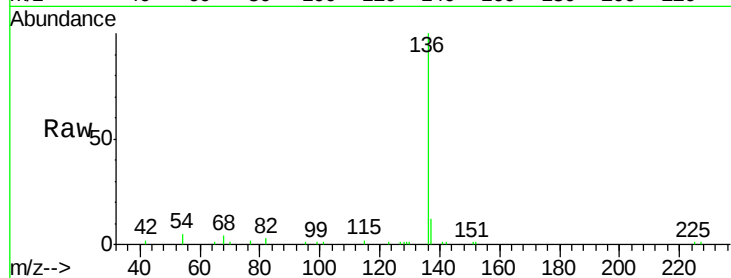
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 4.9 4.2 6.2

68 4.4 3.9 5.9

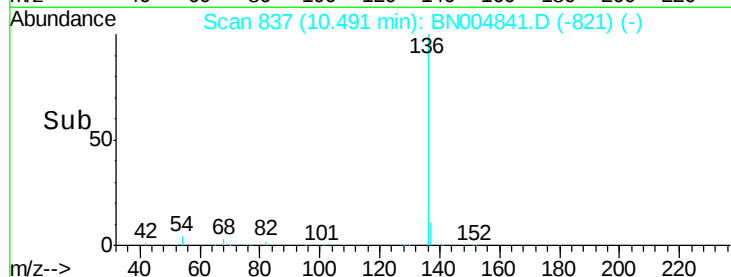


Abundance Ion 136.00 (135.70 to 136.70): E

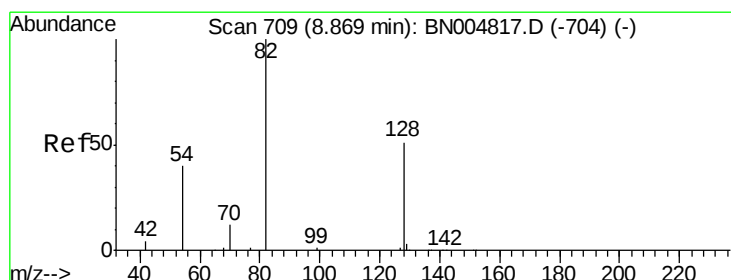
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

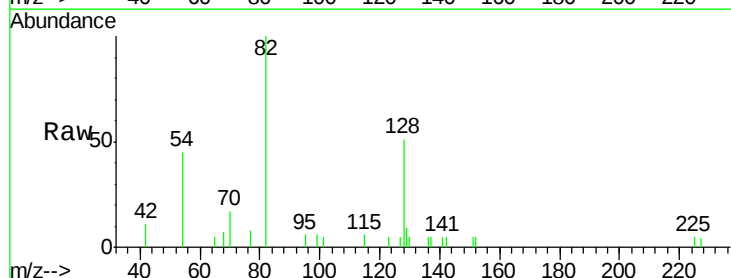
Tgt Ion: 82 Resp: 1900

Ion Ratio Lower Upper

82 100

128 51.4 43.0 64.6

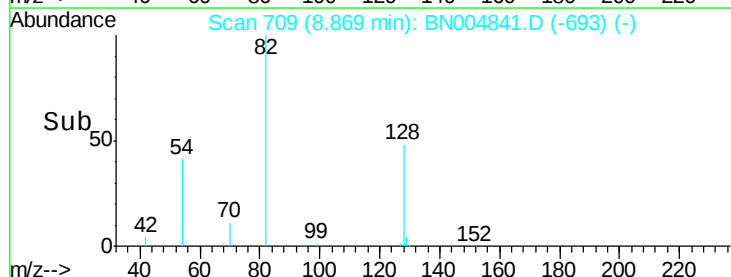
54 44.6 35.3 52.9



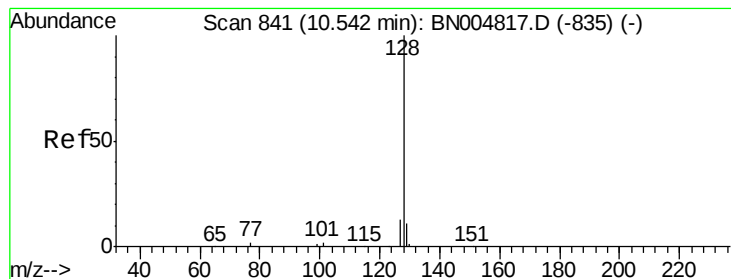
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.407 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

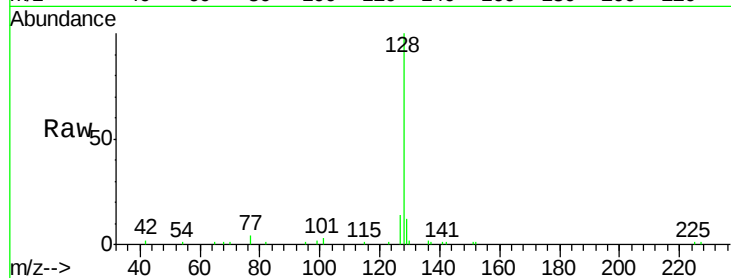
Tot Ion:128 Resp: 8851

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

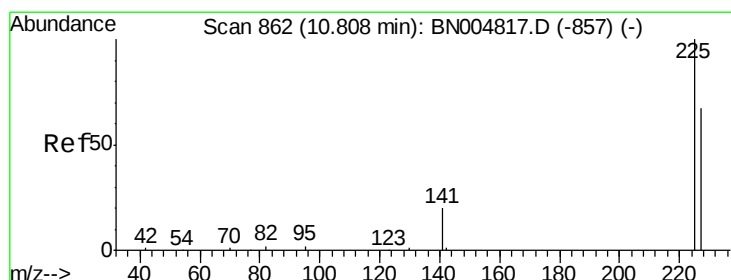
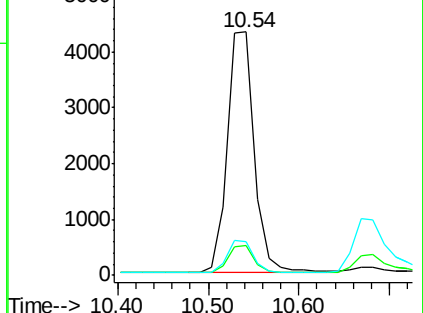
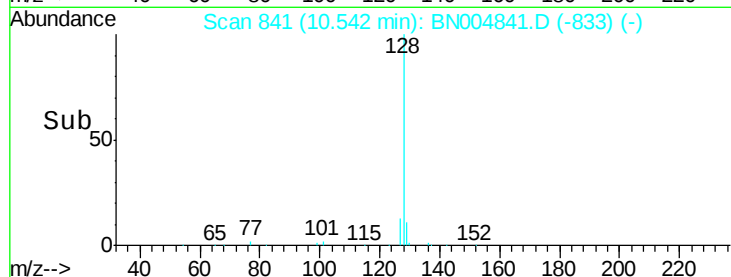
127 13.9 11.3 16.9



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: 0.412 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

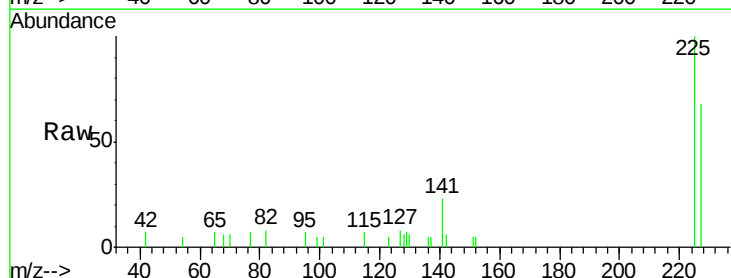
Tgt Ion:225 Resp: 1709

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

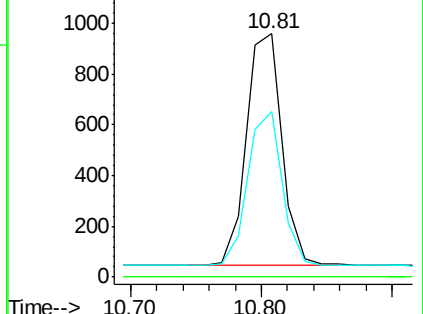
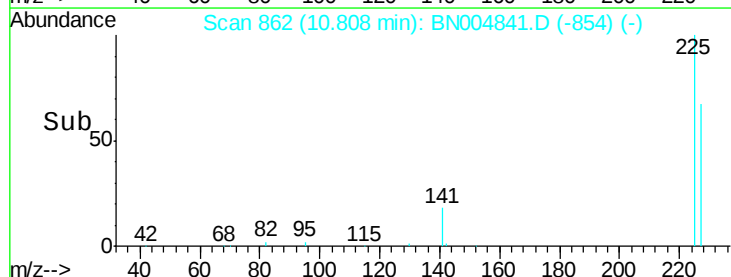
227 65.0 52.2 78.4

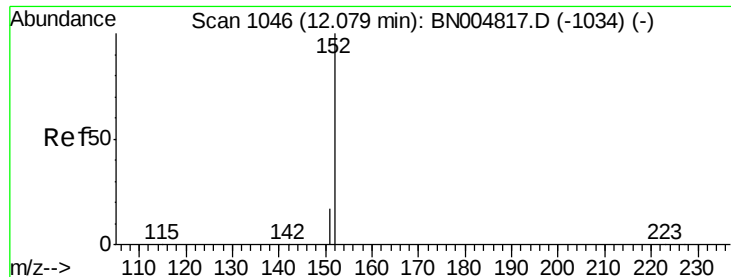


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

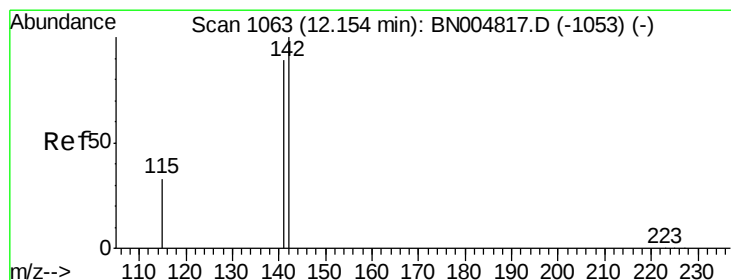
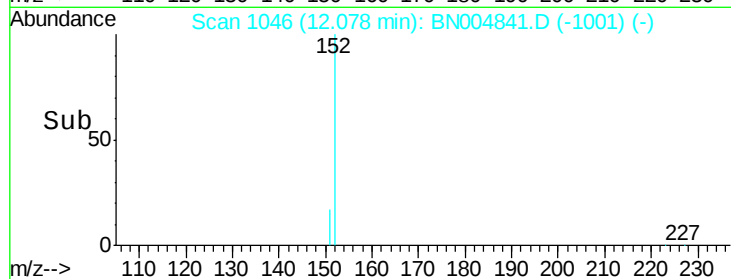
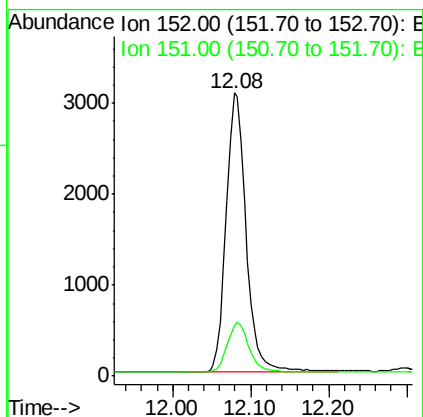
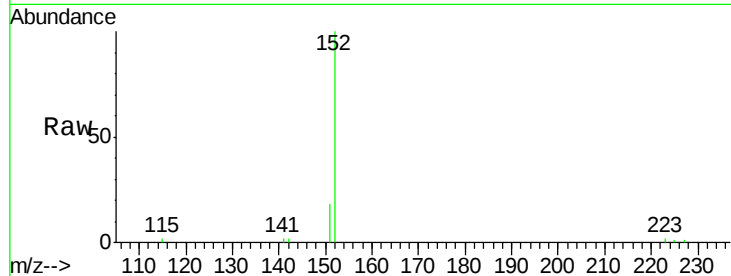




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

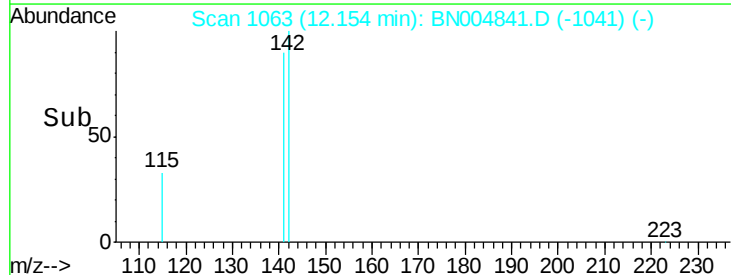
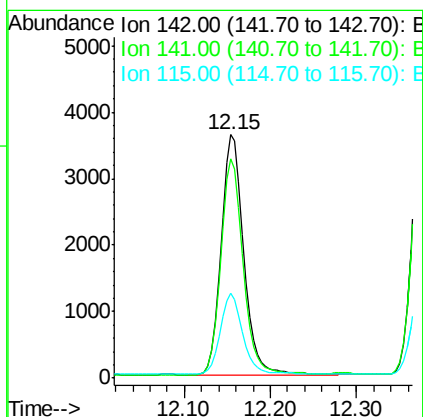
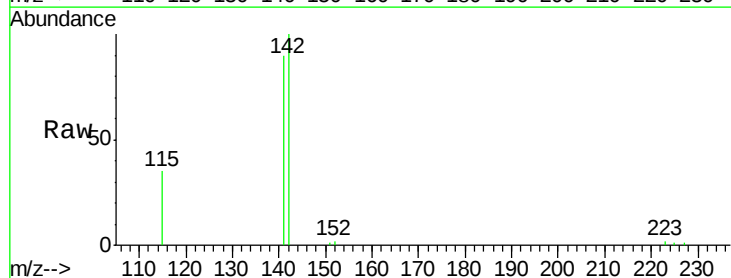
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

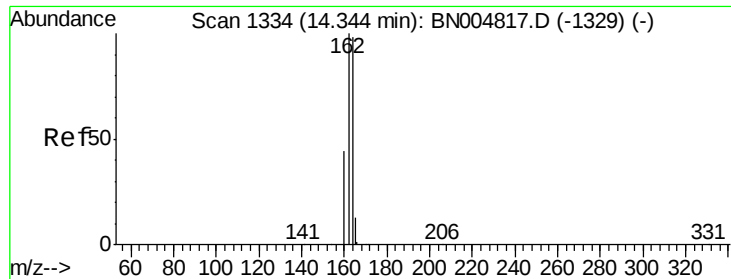
Tot Ion:152 Resp: 5491
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3



#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.15 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

Tgt Ion:142 Resp: 6550
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 34.7 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: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

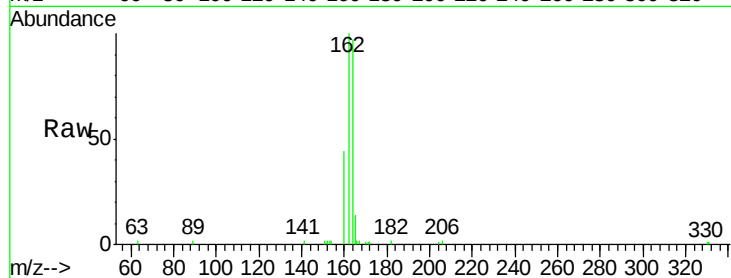
Tot Ion:164 Resp: 5017

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

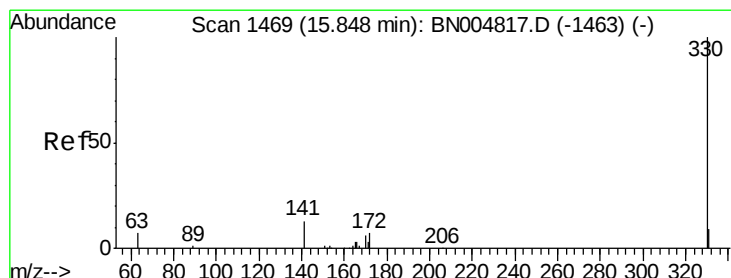
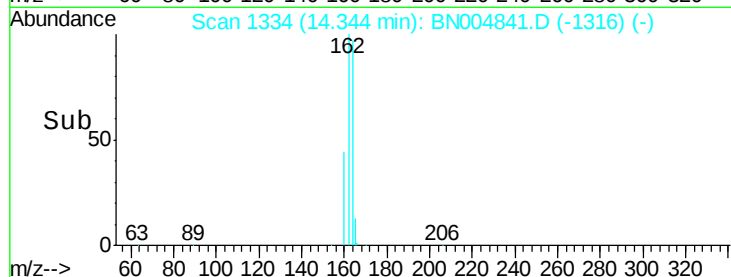
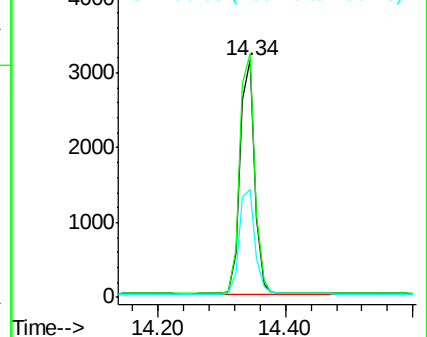
160 45.7 36.6 54.8



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: 0.350 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

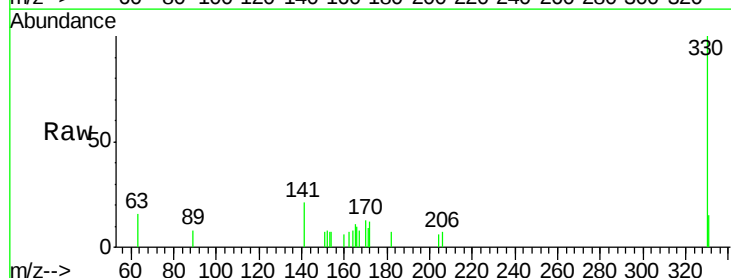
Tgt Ion:330 Resp: 1212

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

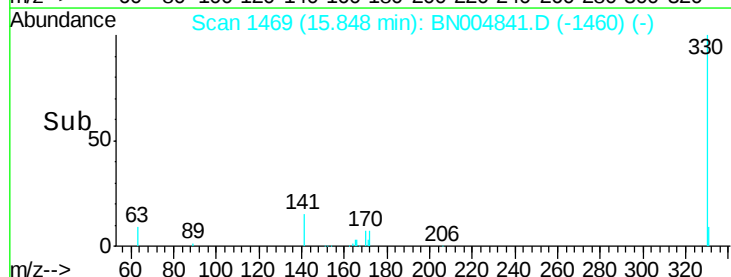
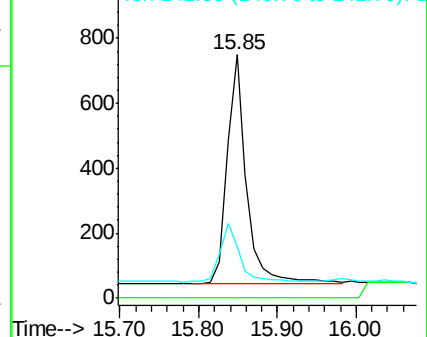
141 25.5 20.9 31.3

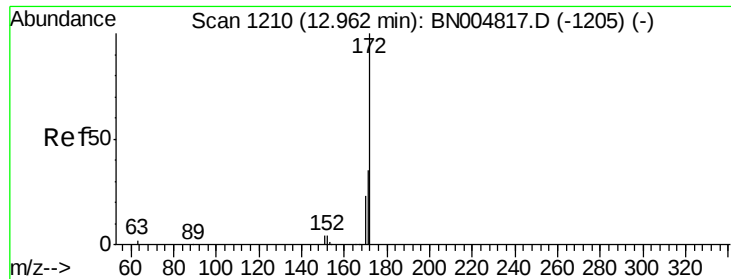


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

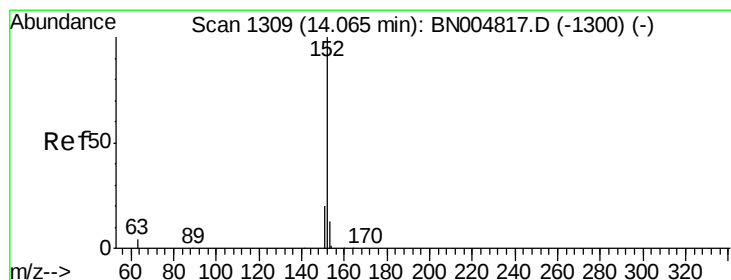
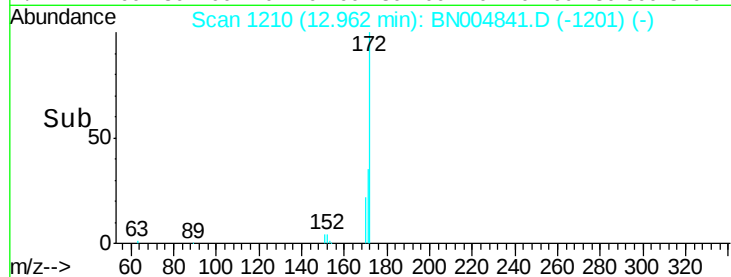
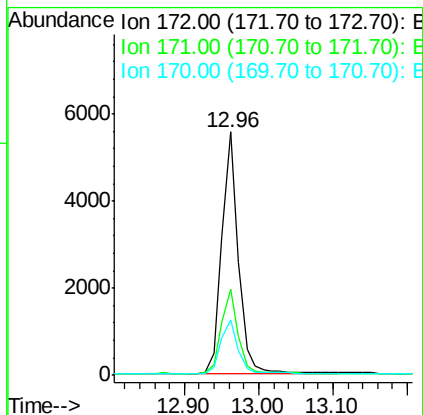
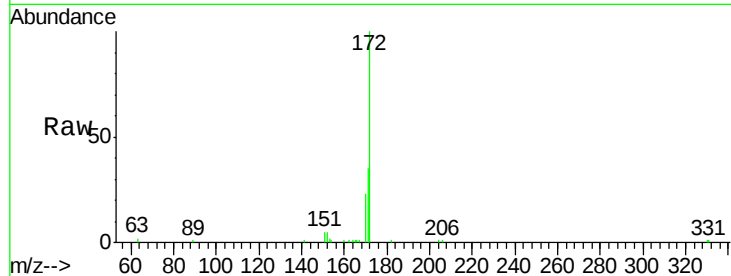




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

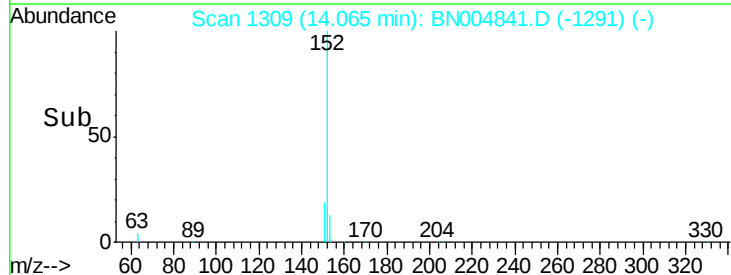
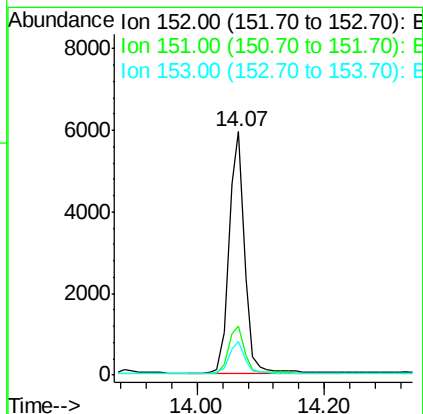
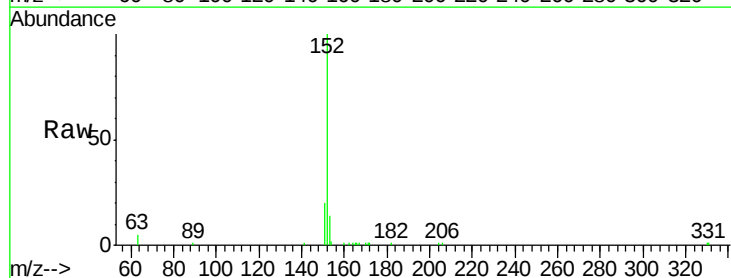
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

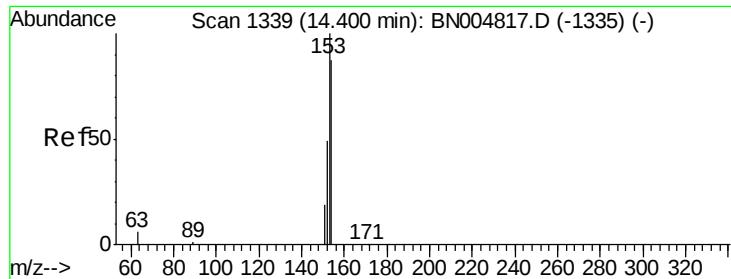
Tot Ion:172 Resp: 8540
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 22.8 18.7 28.1



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

Tgt Ion:152 Resp: 9967
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

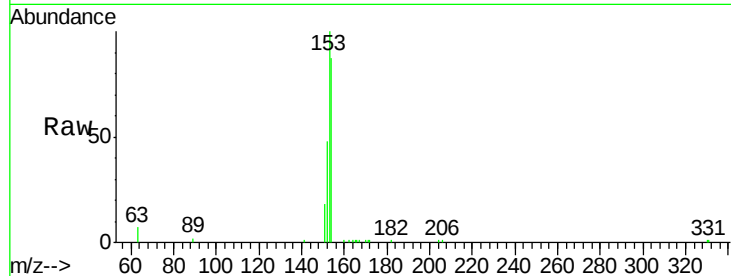
Tot Ion:154 Resp: 6876

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

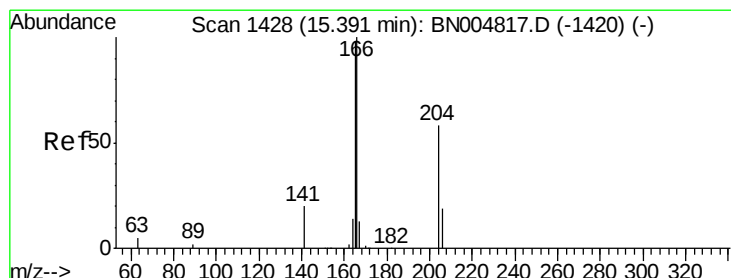
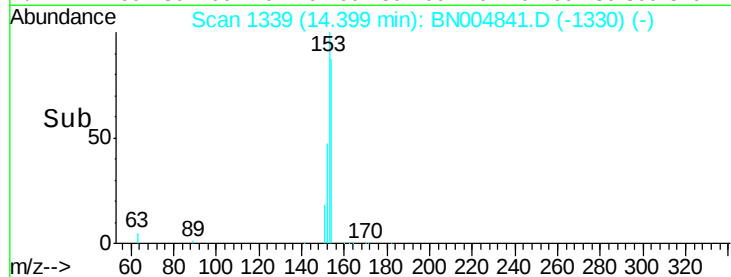
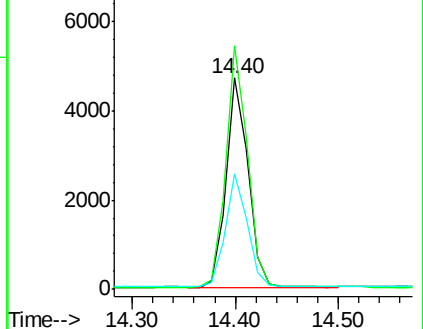
152 54.3 44.2 66.2



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: 0.406 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

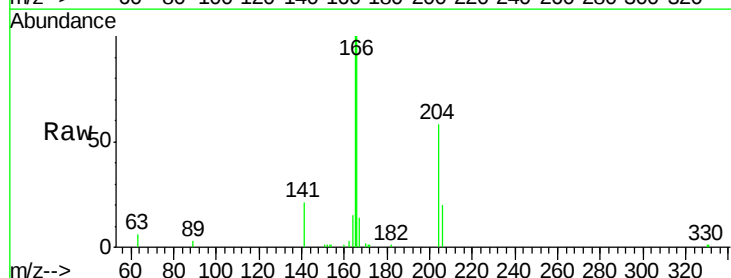
Tgt Ion:166 Resp: 9580

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

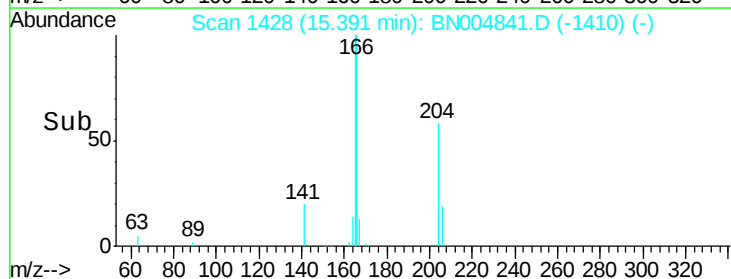
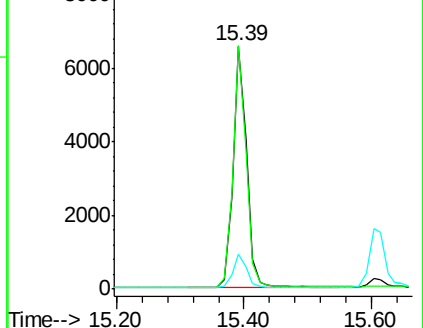
167 13.5 11.0 16.4

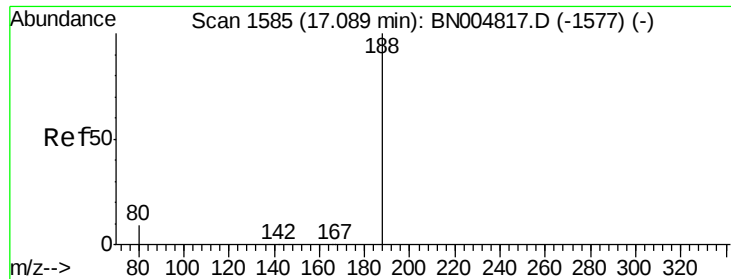


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

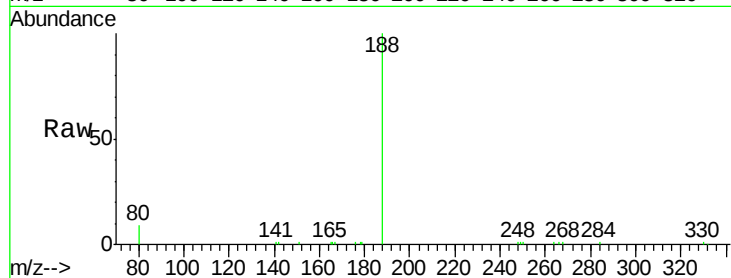
Tot Ion:188 Resp: 13150

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

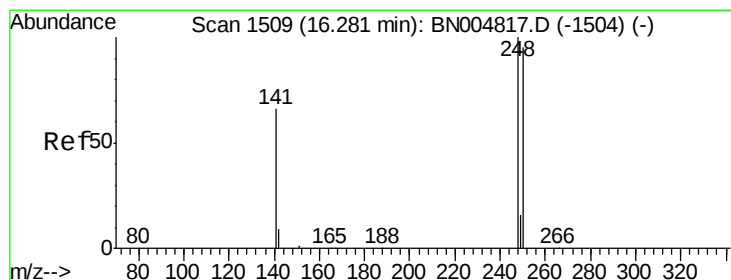
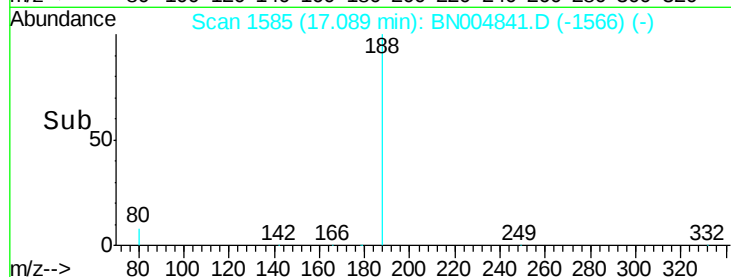
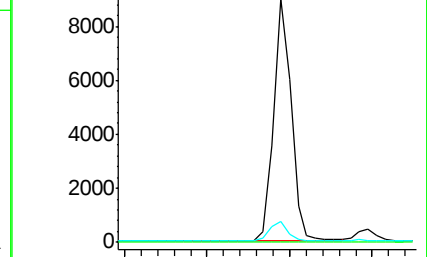
80 8.7 7.4 11.2



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: 0.390 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

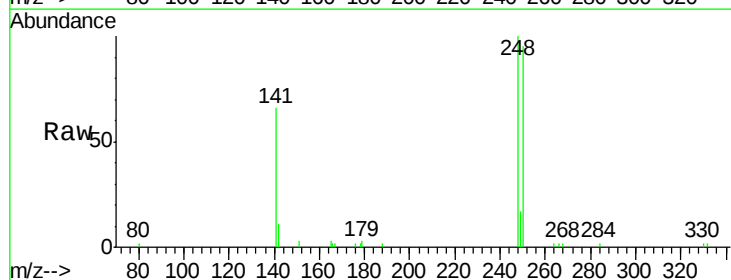
Tgt Ion:248 Resp: 3349

Ion Ratio Lower Upper

248 100

250 95.2 76.2 114.4

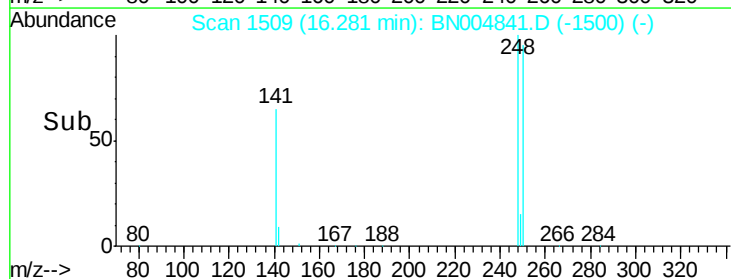
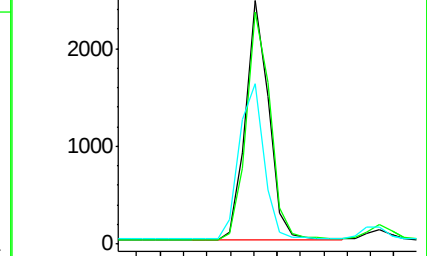
141 66.0 53.9 80.9

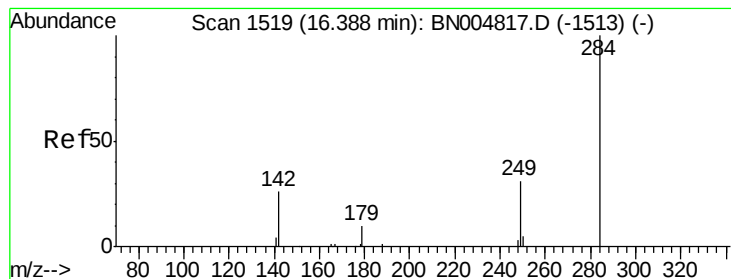


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

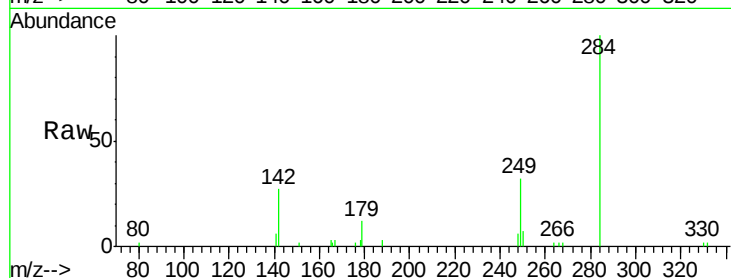
Tot Ion:284 Resp: 3968

Ion Ratio Lower Upper

284 100

142 28.2 22.6 34.0

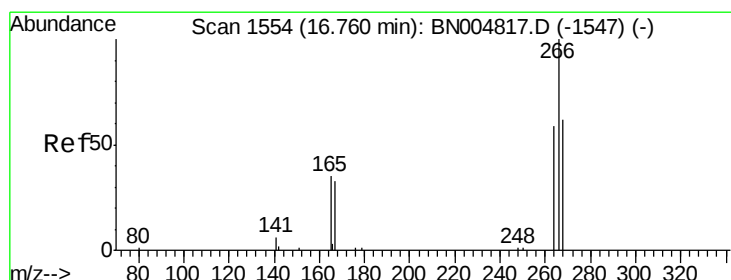
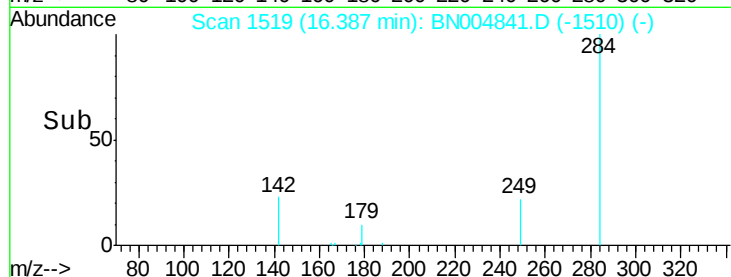
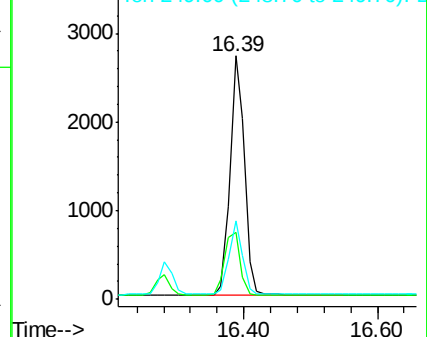
249 29.0 22.5 33.7



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: 0.240 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

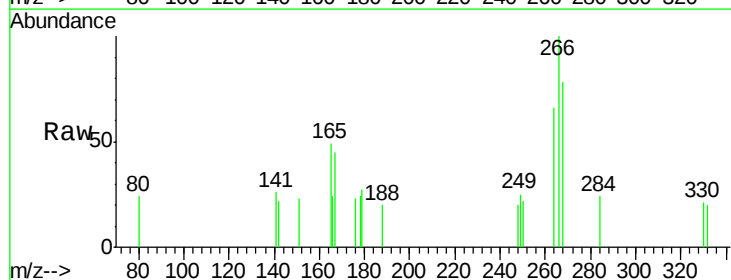
Tgt Ion:266 Resp: 461

Ion Ratio Lower Upper

266 100

264 65.8 53.1 79.7

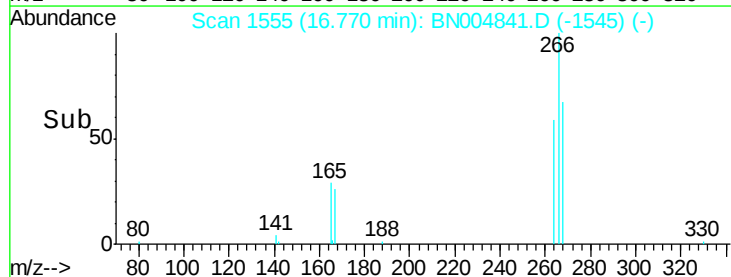
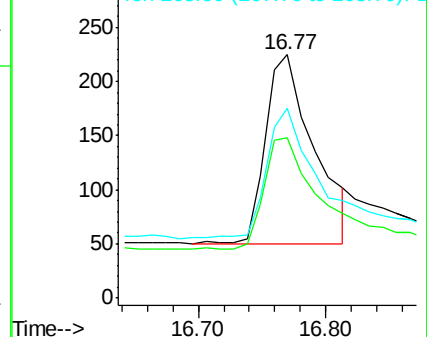
268 77.8 57.7 86.5

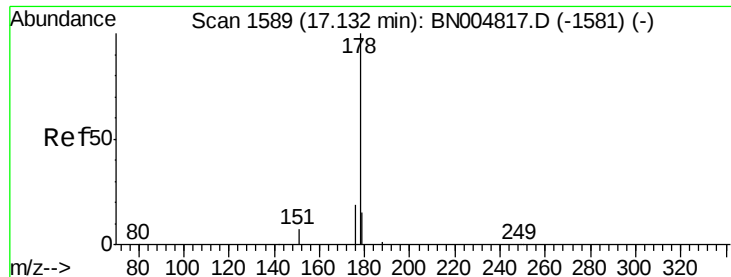


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

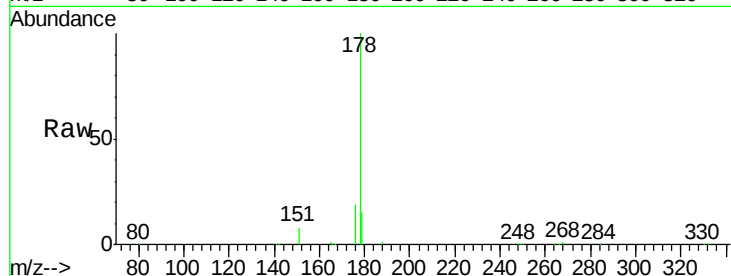
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 16917

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.1	18.1

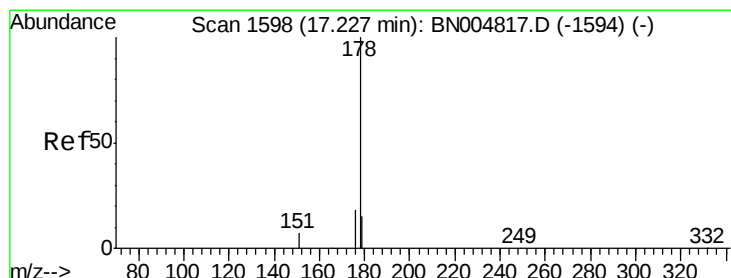
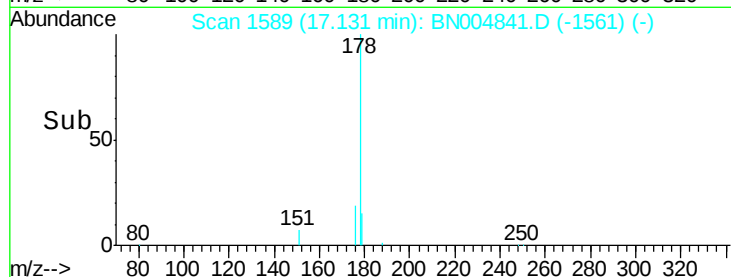
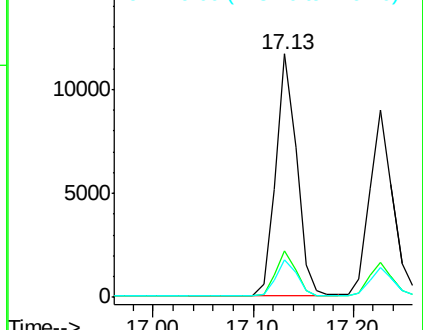


Abundance

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: 0.386 ng

RT: 17.23 min Scan# 1598

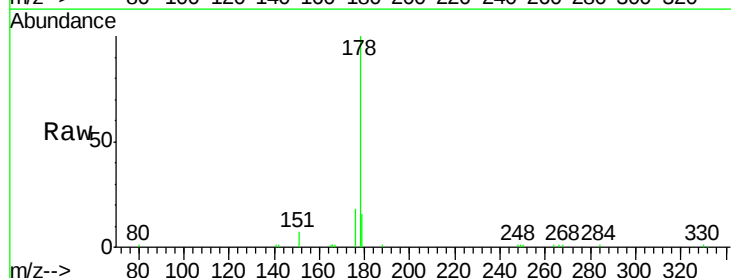
Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Tgt Ion:178 Resp: 14643

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.2	18.4

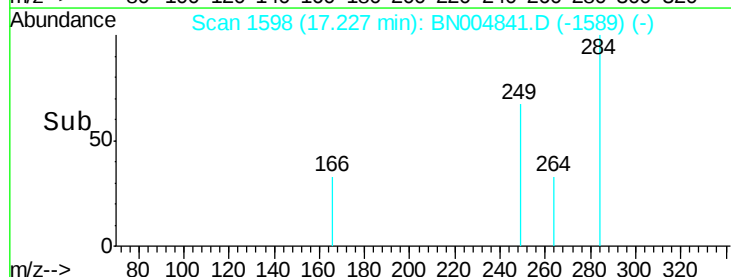
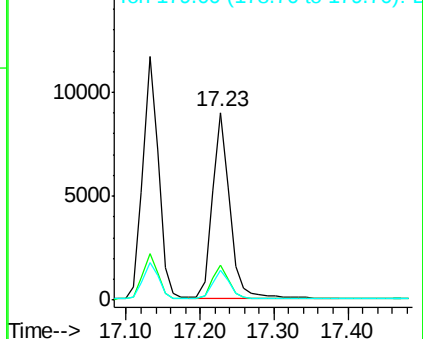


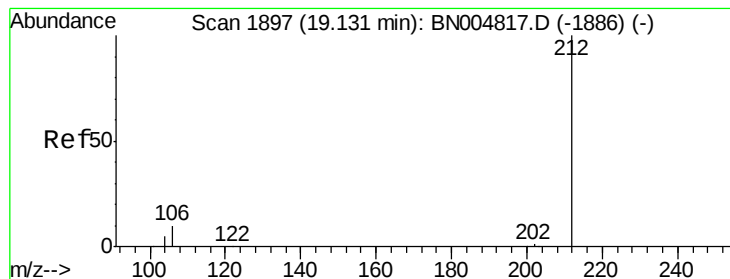
Abundance

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: 0.392 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

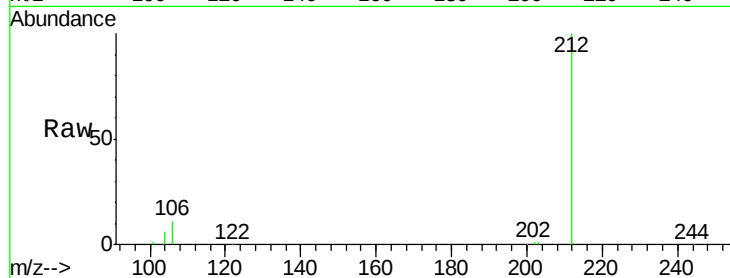
Tot Ion:212 Resp: 17244

Ion Ratio Lower Upper

212 100

106 10.7 8.6 13.0

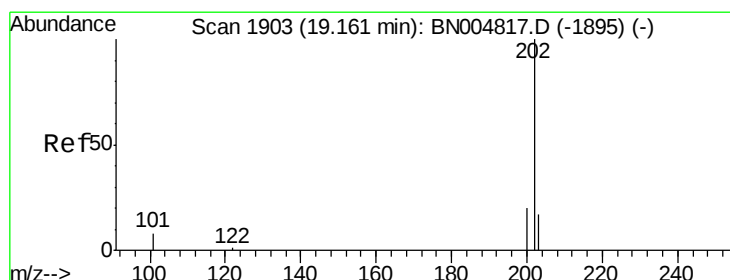
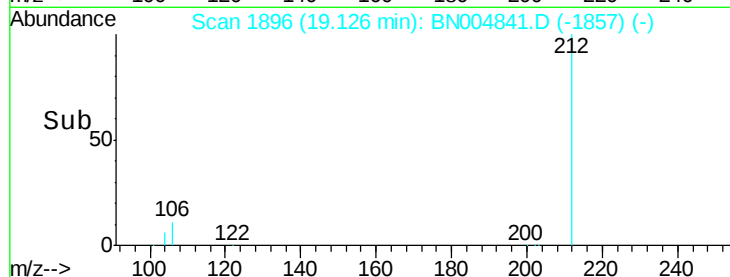
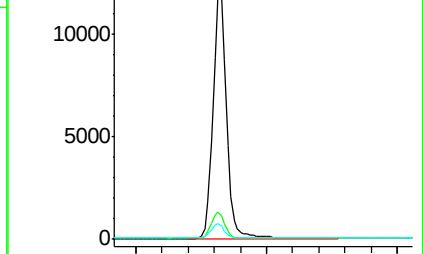
104 5.9 4.7 7.1



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: 0.396 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

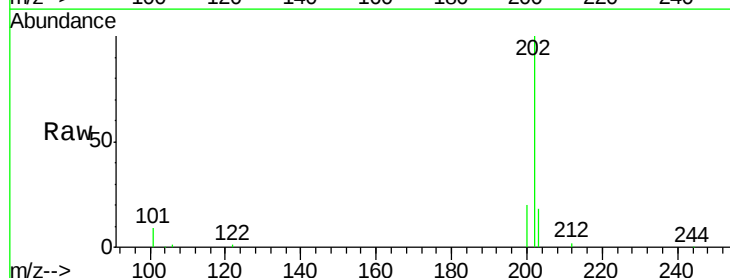
Tgt Ion:202 Resp: 21606

Ion Ratio Lower Upper

202 100

101 9.4 7.5 11.3

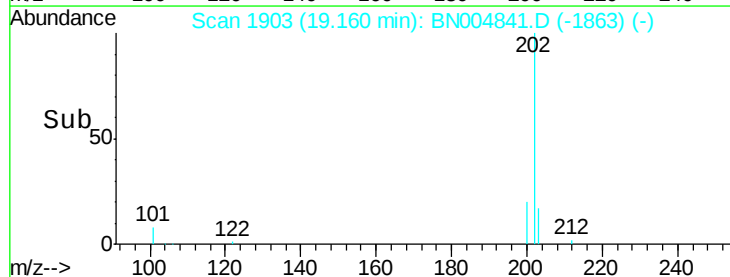
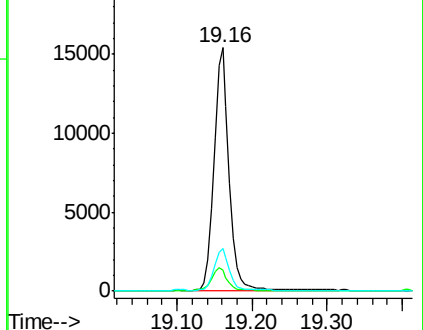
203 17.2 13.8 20.6

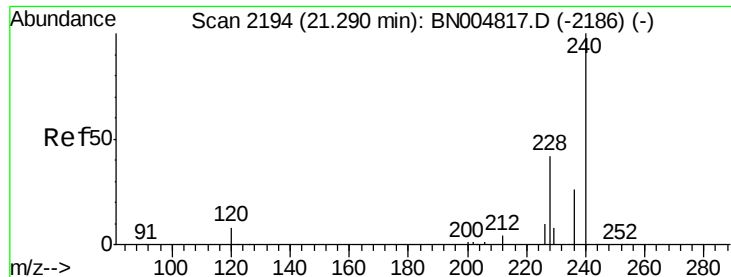


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

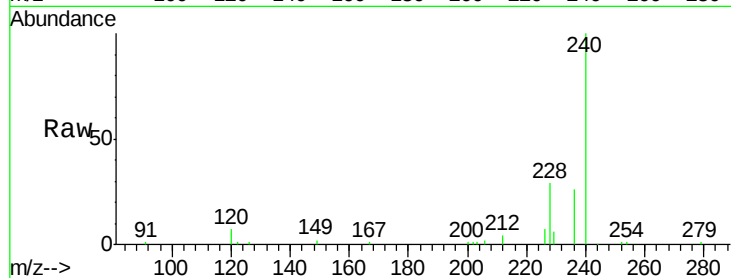
Tot Ion:240 Resp: 17863

Ion Ratio Lower Upper

240 100

120 6.8 7.2 10.8#

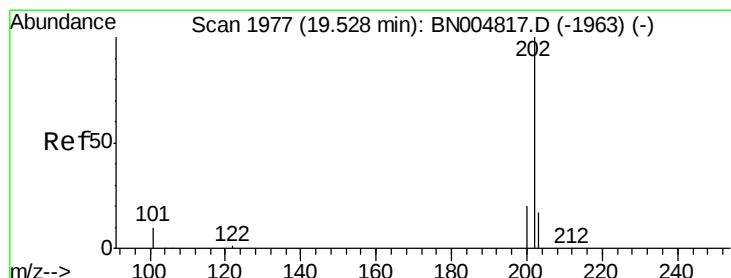
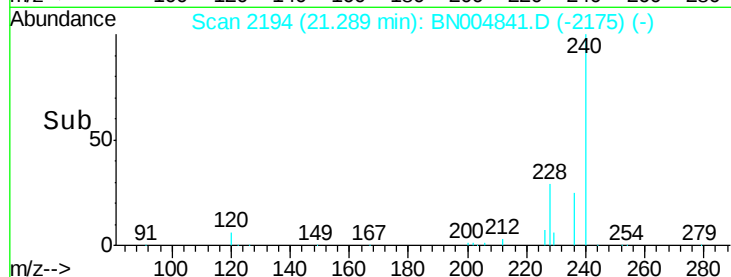
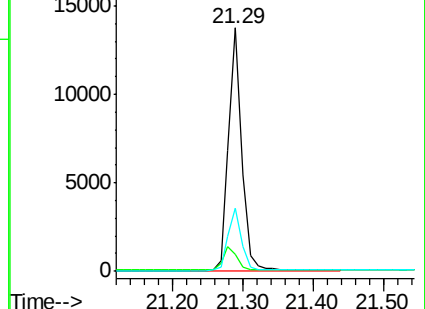
236 25.7 20.9 31.3



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: 0.410 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

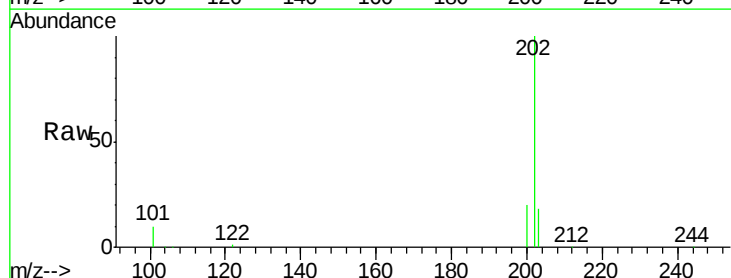
Tgt Ion:202 Resp: 22312

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

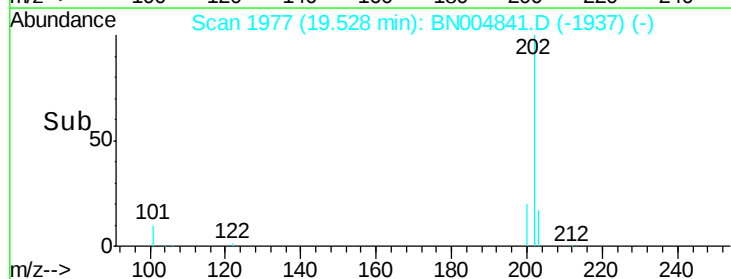
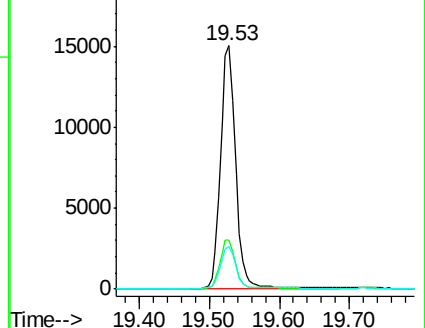
203 17.5 14.0 21.0

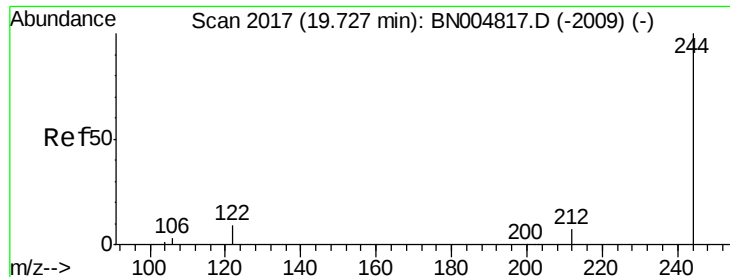


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

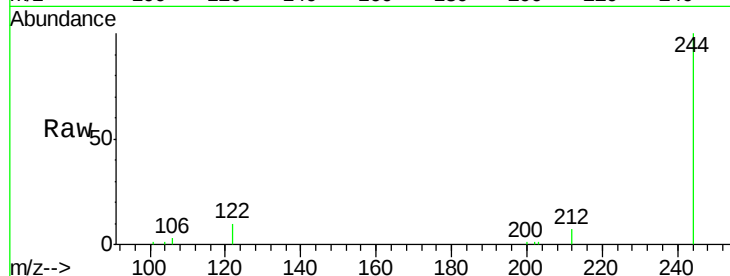
Tot Ion:244 Resp: 14847

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

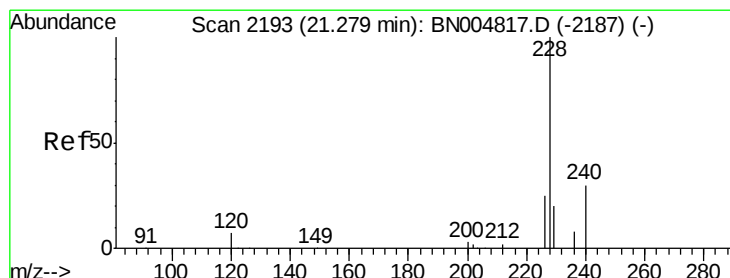
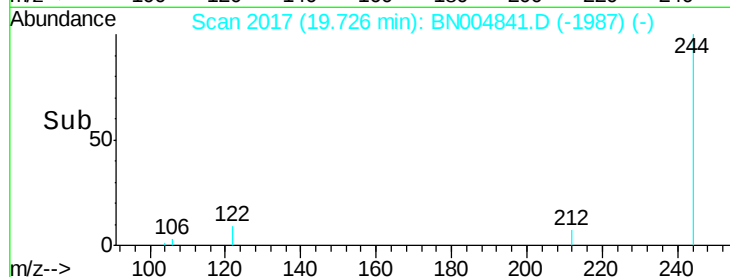
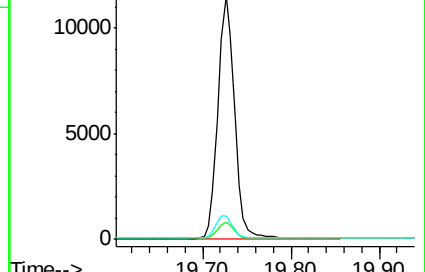
122 9.5 7.9 11.9



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: 0.396 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

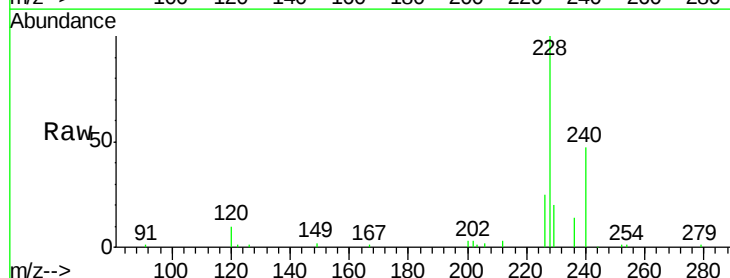
Tgt Ion:228 Resp: 23195

Ion Ratio Lower Upper

228 100

226 25.4 20.6 31.0

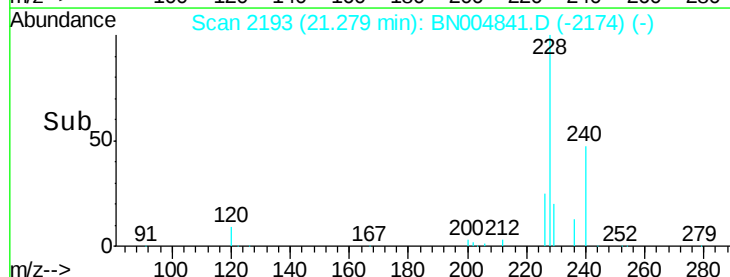
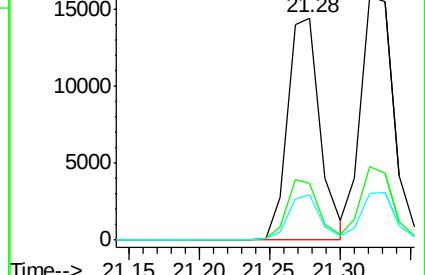
229 20.4 16.2 24.4

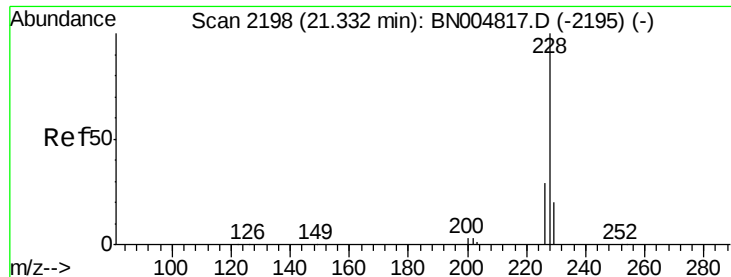


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.418 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

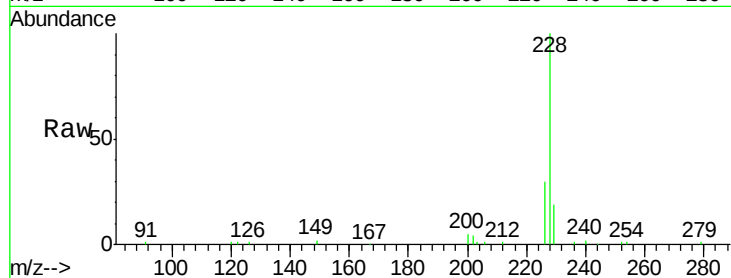
Tot Ion:228 Resp: 25795

Ion Ratio Lower Upper

228 100

226 30.3 23.0 34.6

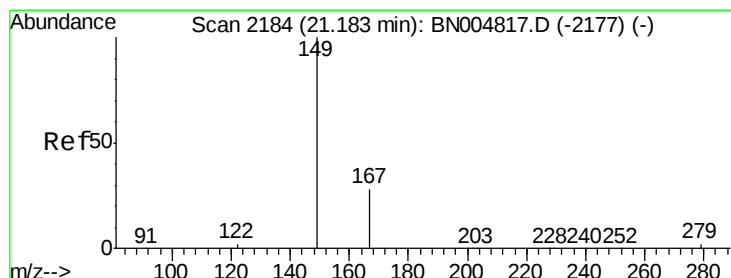
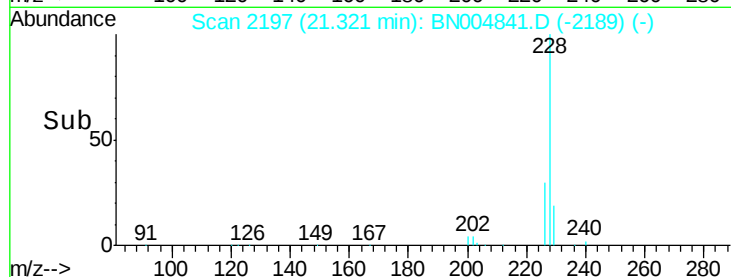
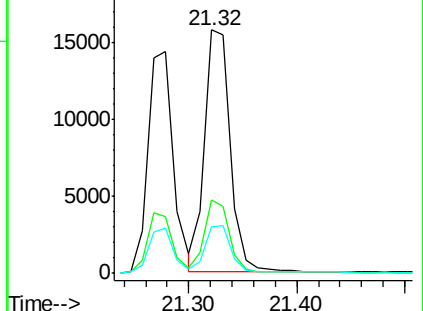
229 19.2 16.2 24.2



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: 0.388 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

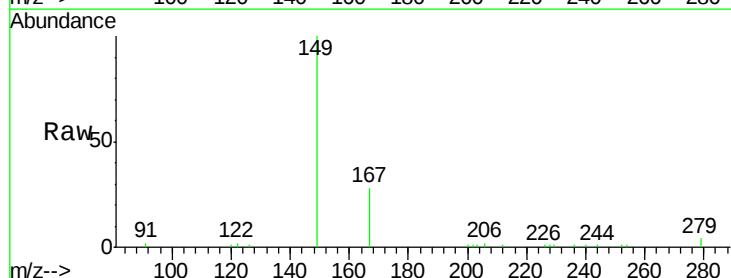
Tgt Ion:149 Resp: 9074

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

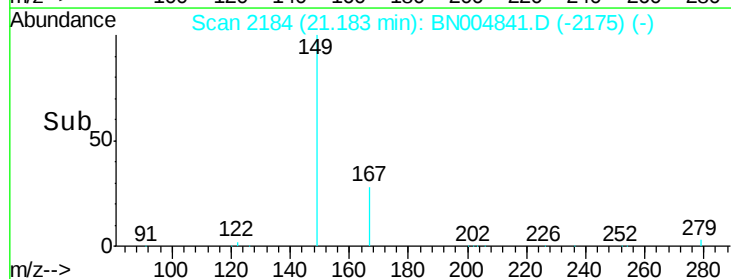
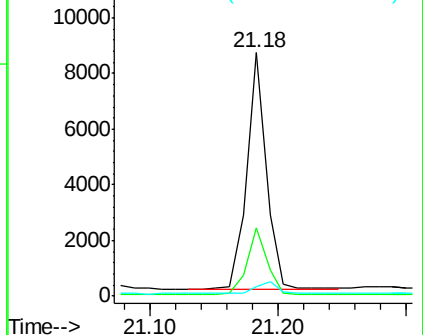
279 5.6 4.6 6.8

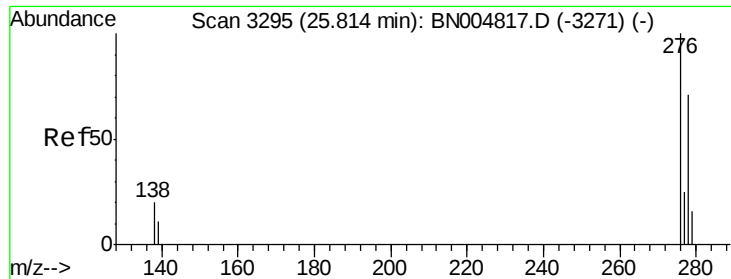


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.411 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

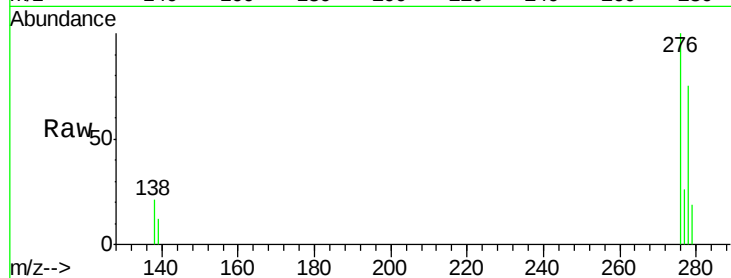
Tot Ion:276 Resp: 36712

Ion Ratio Lower Upper

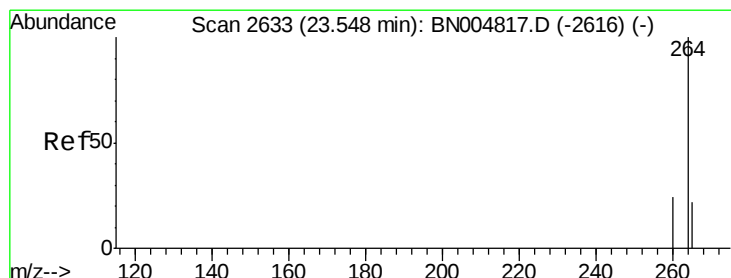
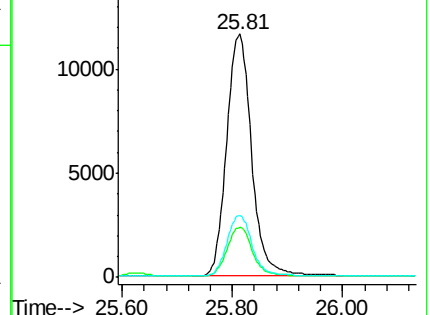
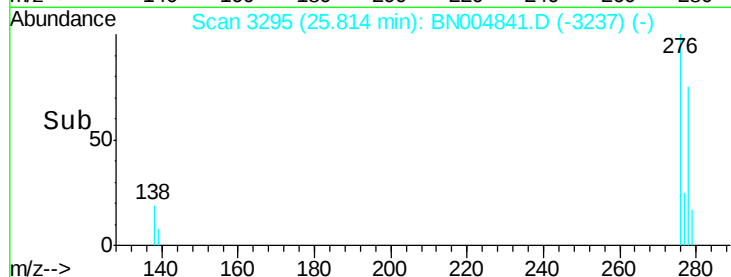
276 100

138 20.7 16.6 24.8

277 25.3 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: BN004841.D

Acq: 21 Mar 2019 04:14

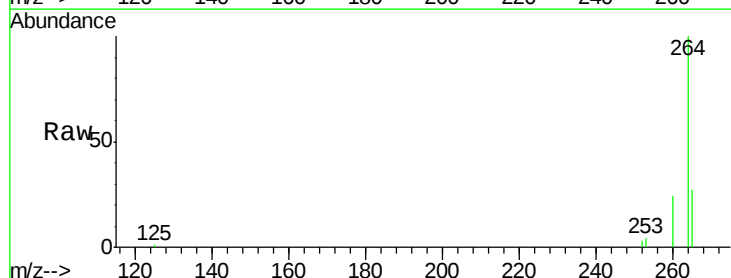
Tgt Ion:264 Resp: 20046

Ion Ratio Lower Upper

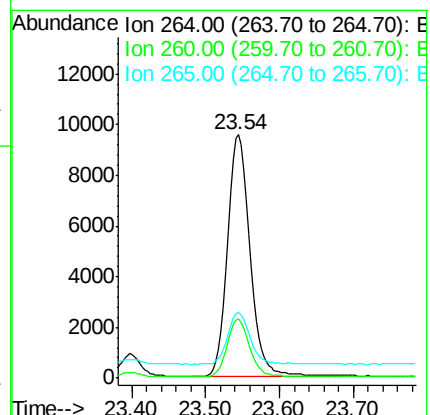
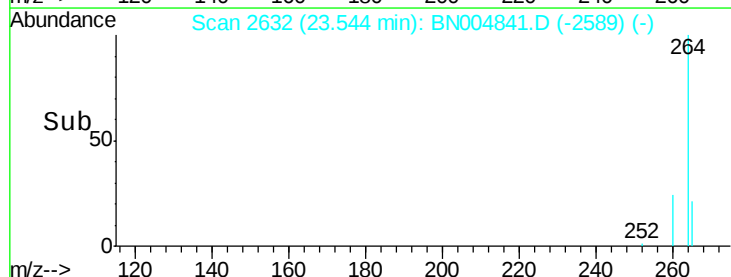
264 100

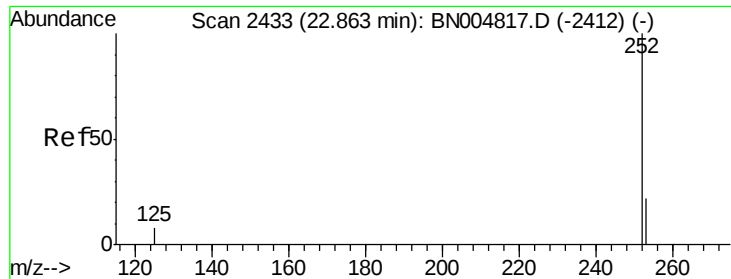
260 24.3 19.5 29.3

265 27.0 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

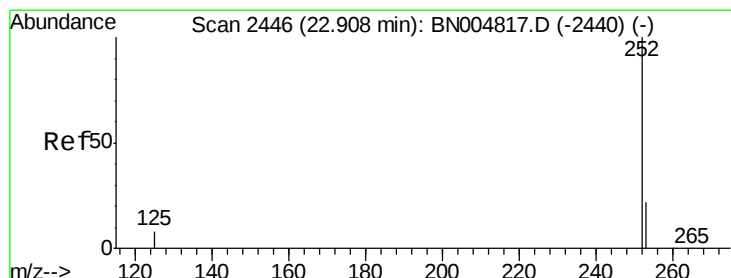
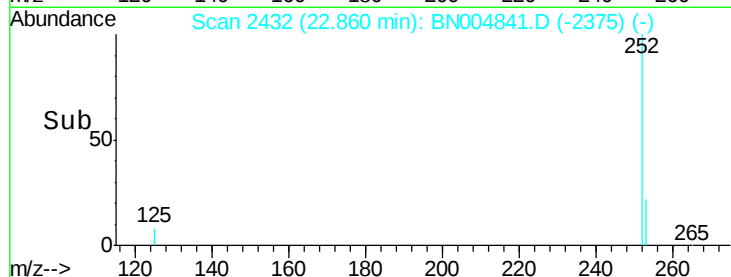
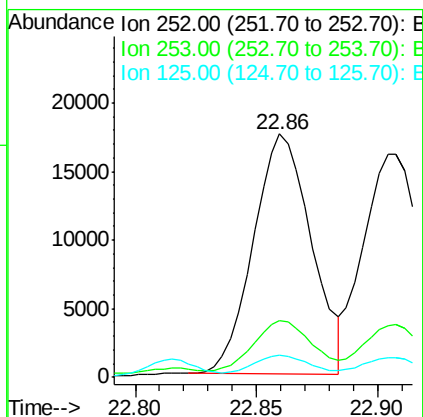
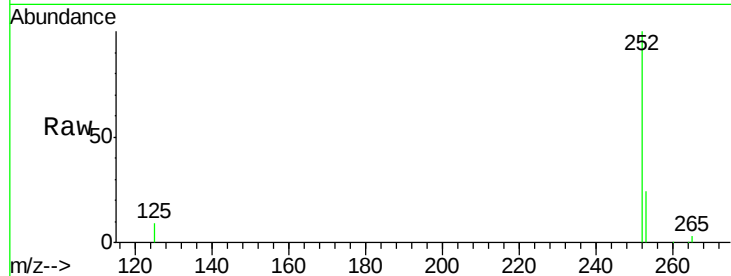




#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

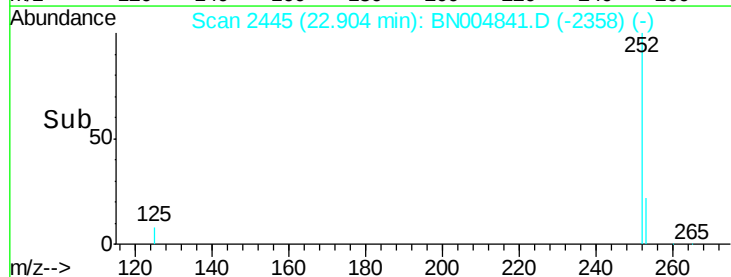
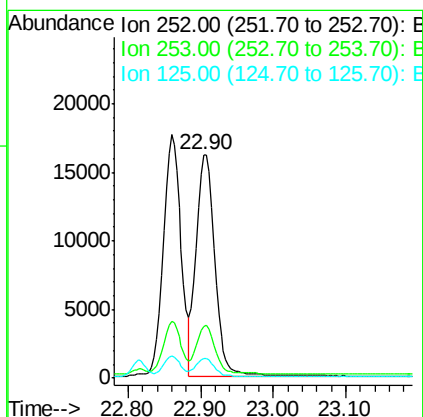
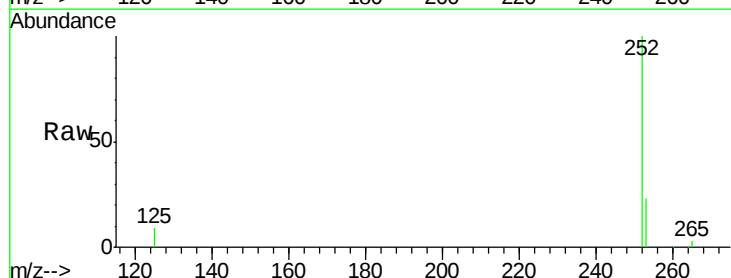
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

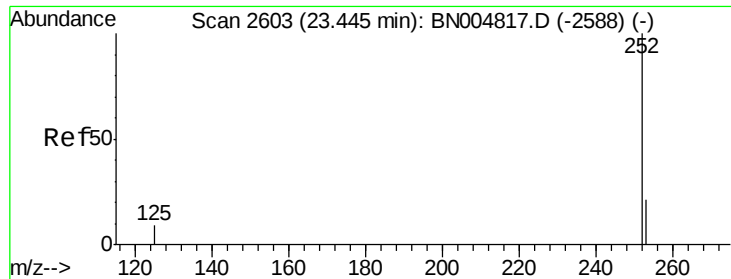
Tot Ion:252 Resp: 29236
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 9.0 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004841.D
Acq: 21 Mar 2019 04:14

Tgt Ion:252 Resp: 28272
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 9.0 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

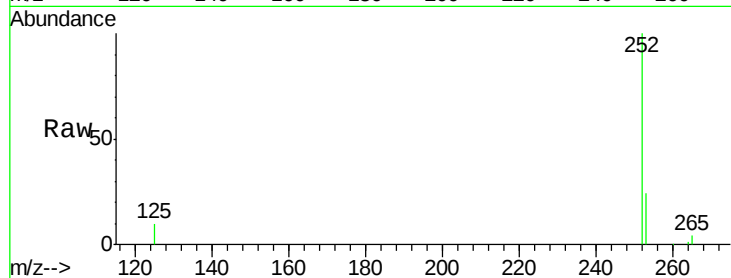
Tot Ion:252 Resp: 26649

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

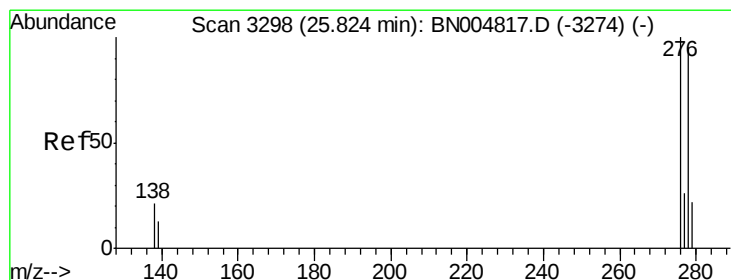
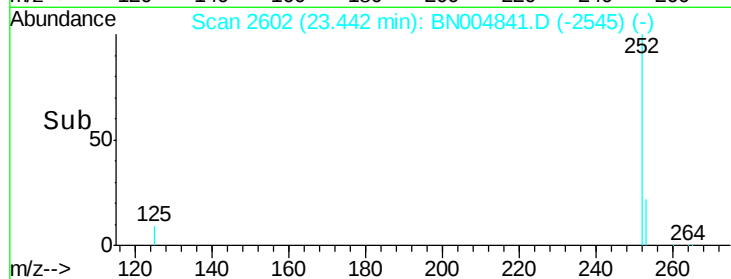
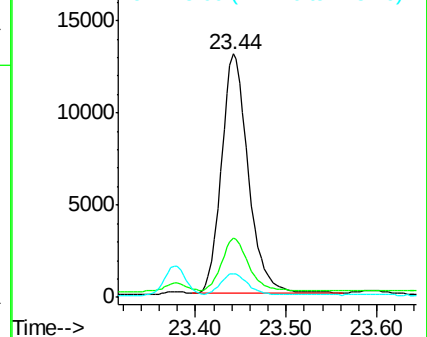
125 9.9 8.3 12.5



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: 0.391 ng

RT: 25.82 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BN004841.D

Acq: 21 Mar 2019 04:14

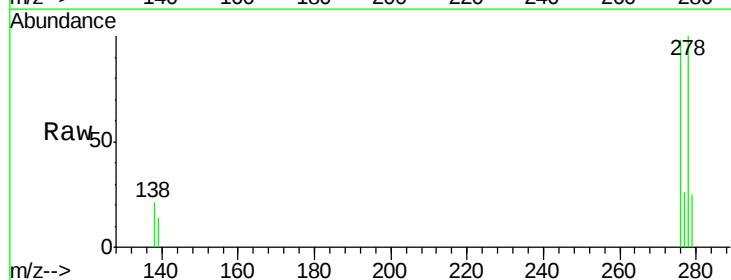
Tgt Ion:278 Resp: 30109

Ion Ratio Lower Upper

278 100

139 14.3 11.7 17.5

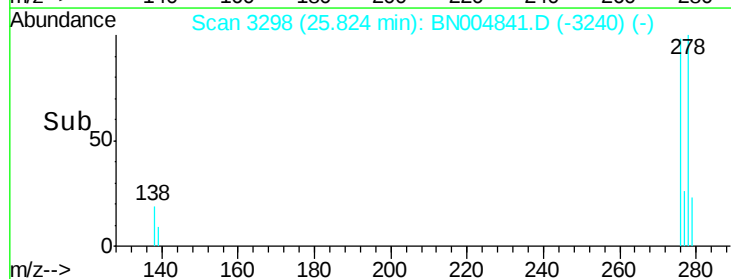
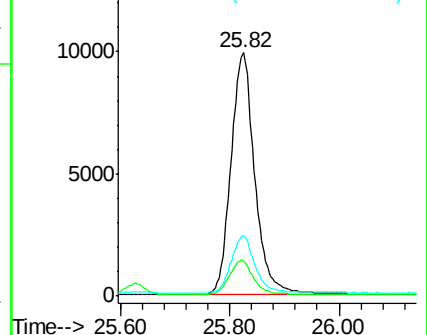
279 24.6 19.9 29.9

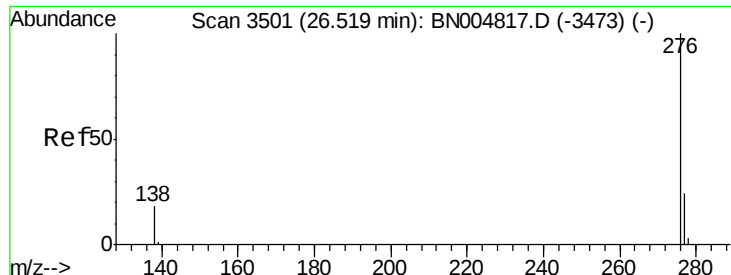


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004841.D

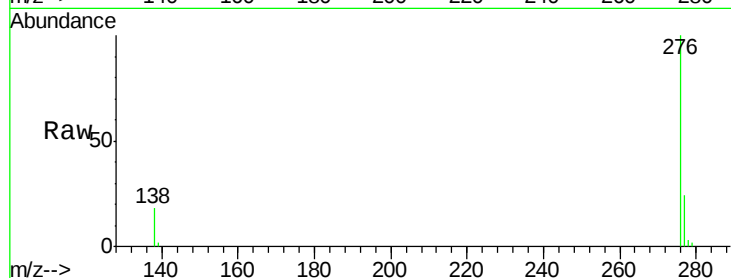
Acq: 21 Mar 2019 04:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 30401

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.3 14.6 22.0

