

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004821.D
 Acq On : 20 Mar 2019 14:41
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Mar 20 15:21:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 13:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1495	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7034	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	4682	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11402	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16284	0.40	ng	0.00
34) Perylene-d12	23.54	264	16724	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	19312	4.13	ng	0.00
5) Phenol-d6	6.87	99	24981	4.04	ng	0.00
8) Nitrobenzene-d5	8.86	82	23085	5.10	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	60810	5.14	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	17475	6.23	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	90731	4.86	ng	-0.01
25) Fluoranthene-d10	19.13	212	188911	5.62	ng	0.00
29) Terphenyl-d14	19.73	244	156326	3.88	ng	0.00

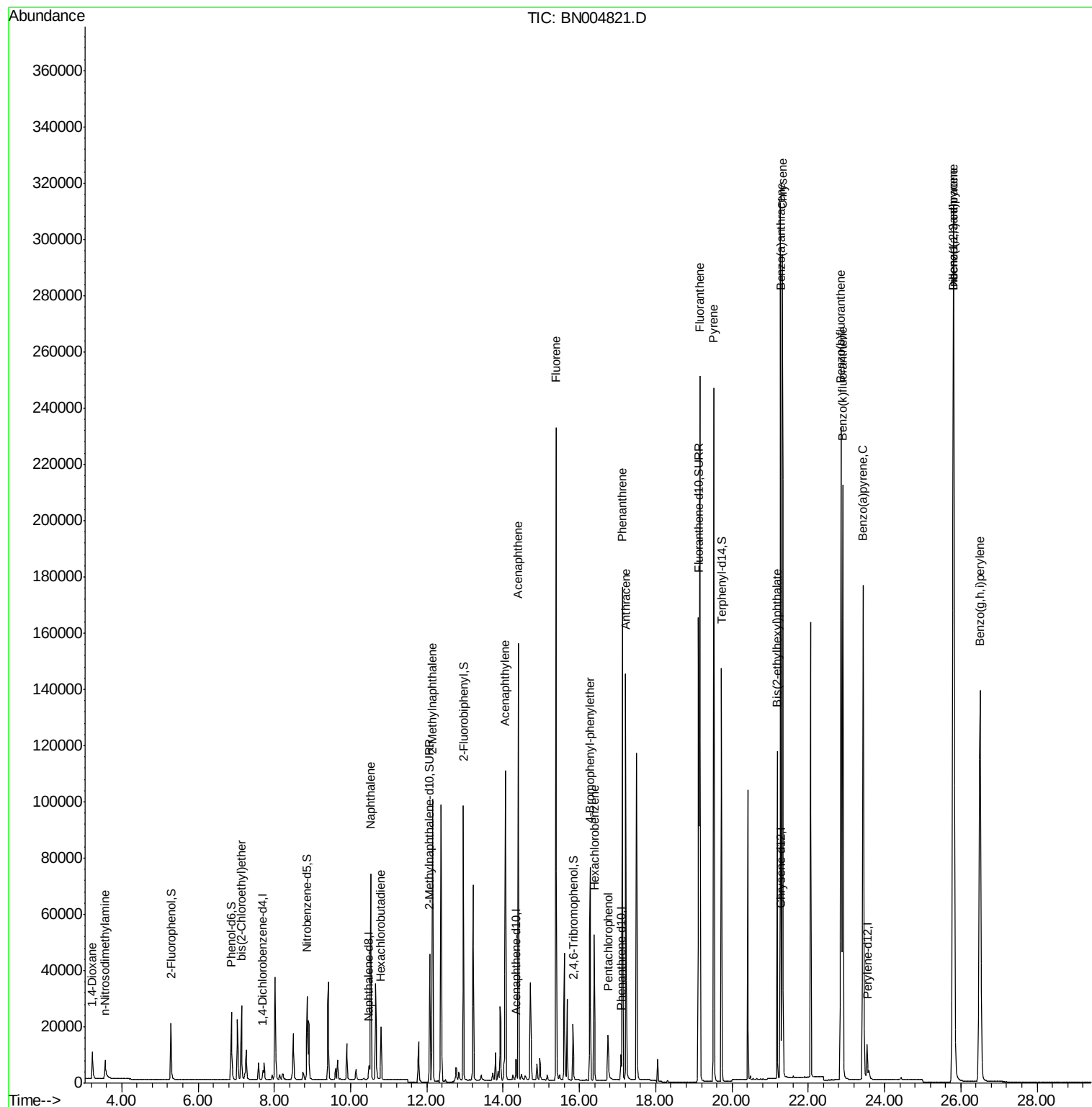
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	7600	5.776	ng	98
3) n-Nitrosodimethylamine	3.56	42	5481	7.851	ng	97
6) bis(2-Chloroethyl)ether	7.14	93	22739	5.094	ng	99
9) Naphthalene	10.53	128	93404	5.347	ng	98
10) Hexachlorobutadiene	10.80	225	17570	5.896	ng	# 99
12) 2-Methylnaphthalene	12.15	142	70444	5.569	ng	99
16) Acenaphthylene	14.05	152	125807	5.713	ng	100
17) Acenaphthene	14.40	154	73914	5.122	ng	99
18) Fluorene	15.39	166	101701	5.581	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	36201	5.722	ng	# 88
21) Hexachlorobenzene	16.39	284	40541	5.645	ng	99
22) Pentachlorophenol	16.75	266	10323	7.846	ng	93
23) Phenanthrene	17.13	178	173203	5.622	ng	100
24) Anthracene	17.22	178	164020	5.776	ng	100
26) Fluoranthene	19.16	202	222342	6.077	ng	99
28) Pyrene	19.52	202	225718	4.426	ng	100
30) Benzo(a)anthracene	21.27	228	254082	5.617	ng	97
31) Chrysene	21.32	228	249310	5.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	101557	3.669	ng	100
33) Indeno(1,2,3-cd)pyrene	25.80	276	365674	7.417	ng	100
35) Benzo(b)fluoranthene	22.86	252	284201	5.908	ng	97
36) Benzo(k)fluoranthene	22.90	252	270652	5.347	ng	96
37) Benzo(a)pyrene	23.44	252	264218	5.804	ng	95
38) Dibenzo(a,h)anthracene	25.82	278	300699	6.599	ng	98
39) Benzo(g,h,i)perylene	26.51	276	302478	6.702	ng	99

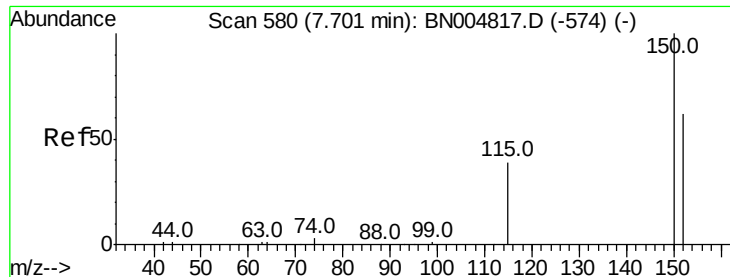
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

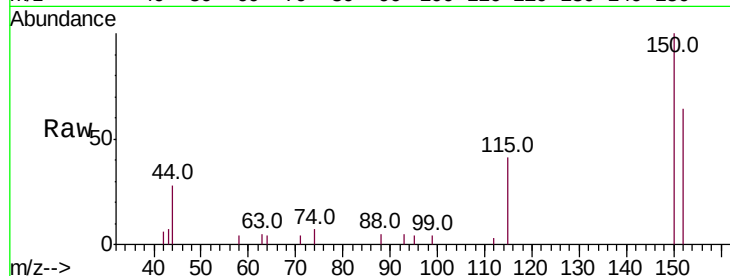
Tot Ion:152 Resp: 1495

Ion Ratio Lower Upper

152 100

150 156.7 126.2 189.4

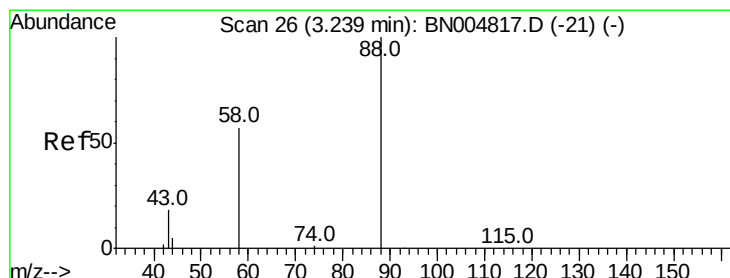
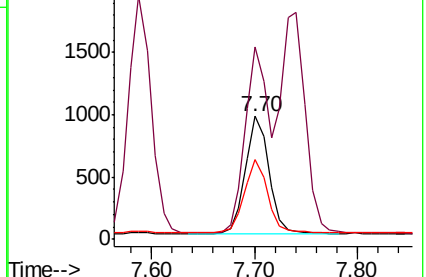
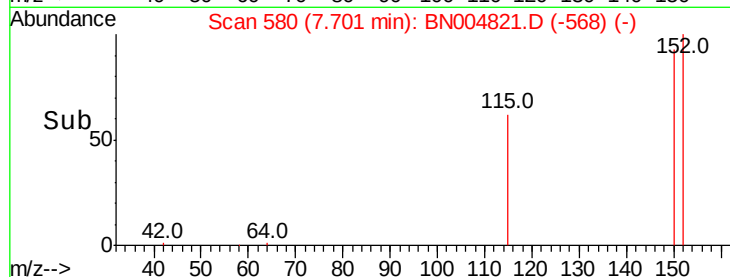
115 64.8 52.6 79.0



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: 5.776 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

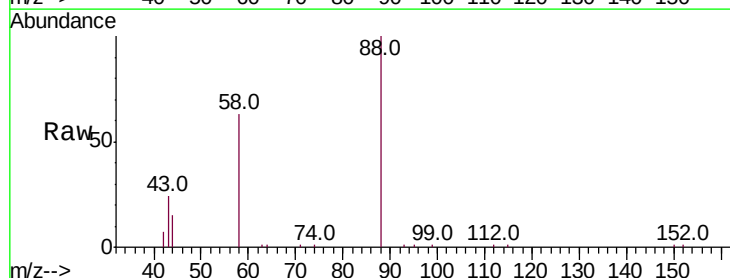
Tgt Ion: 88 Resp: 7600

Ion Ratio Lower Upper

88 100

58 64.7 51.4 77.2

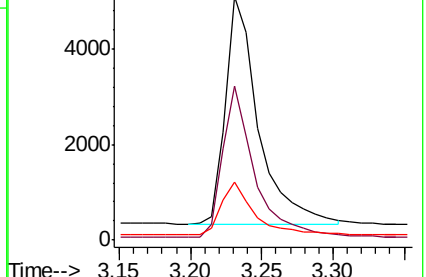
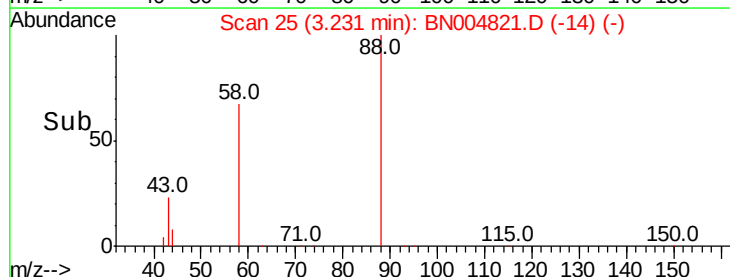
43 22.7 20.0 30.0

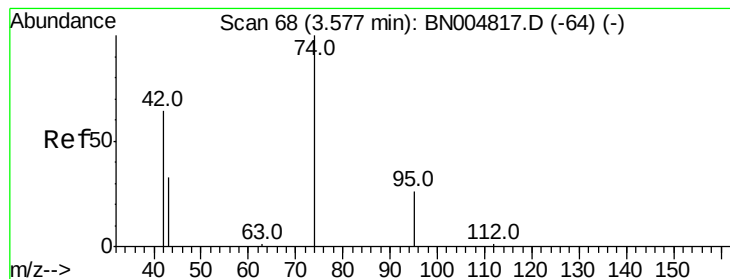


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 7.851 ng

RT: 3.56 min Scan# 66

Delta R.T. -0.02 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

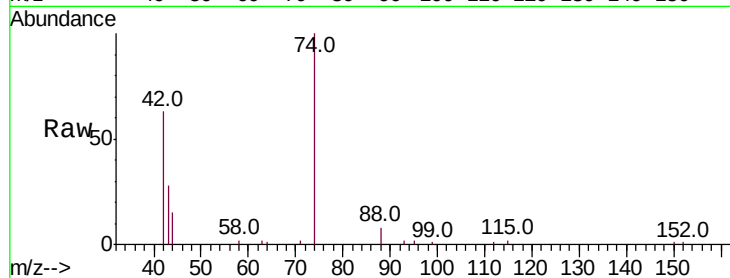
Tot Ion: 42 Resp: 5481

Ion Ratio Lower Upper

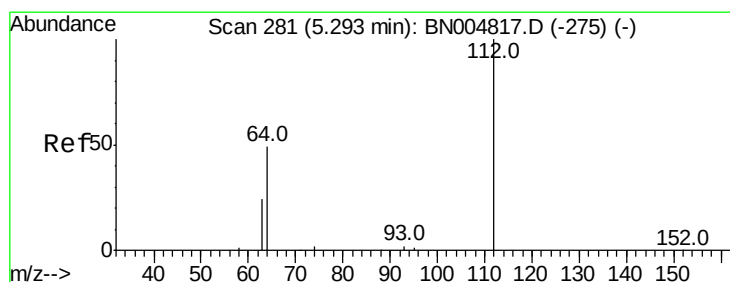
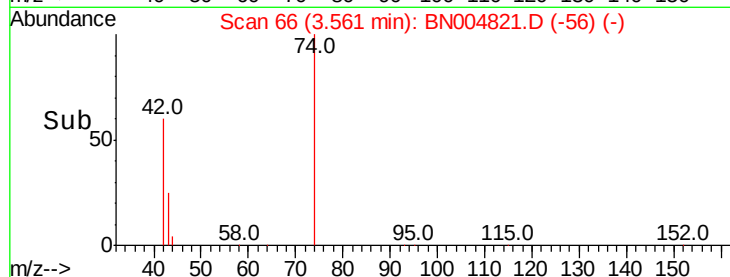
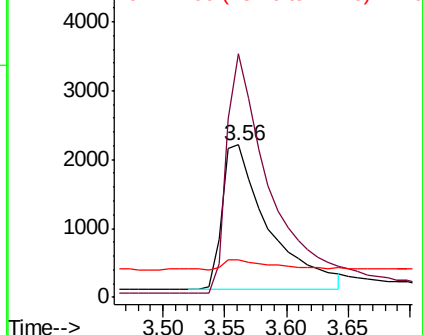
42 100

74 156.7 128.4 192.6

44 6.6 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 4.129 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

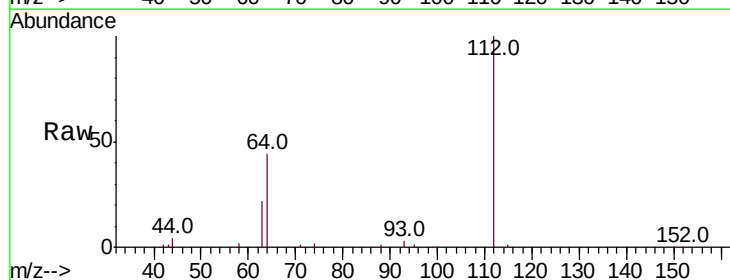
Tgt Ion: 112 Resp: 19312

Ion Ratio Lower Upper

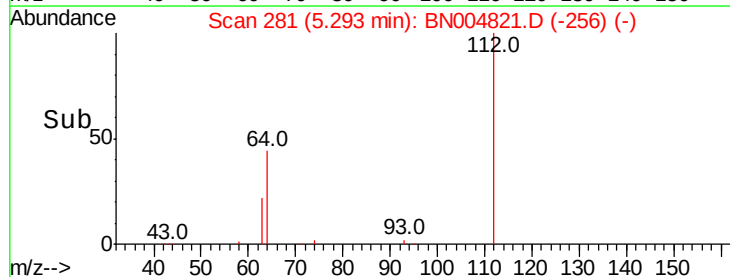
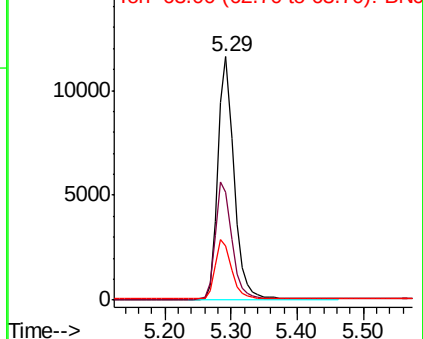
112 100

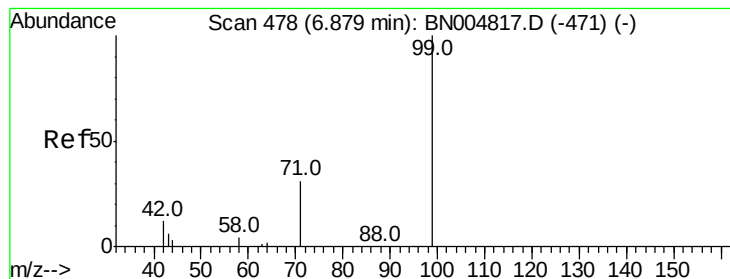
64 49.8 40.0 60.0

63 25.3 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 4.038 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

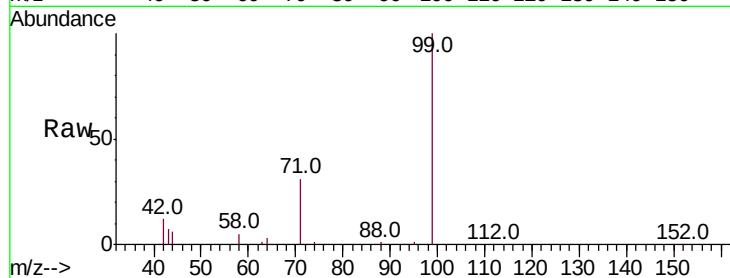
Tot Ion: 99 Resp: 24981

Ion Ratio Lower Upper

99 100

42 14.5 12.7 19.1

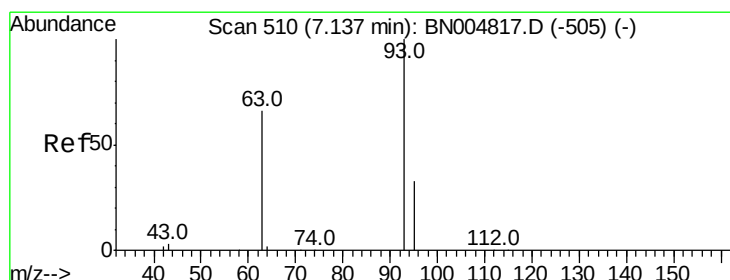
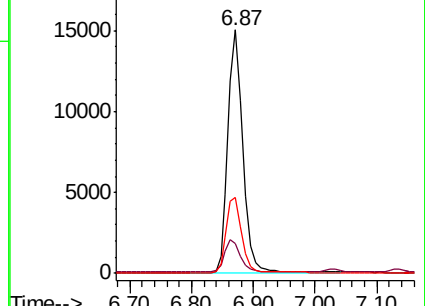
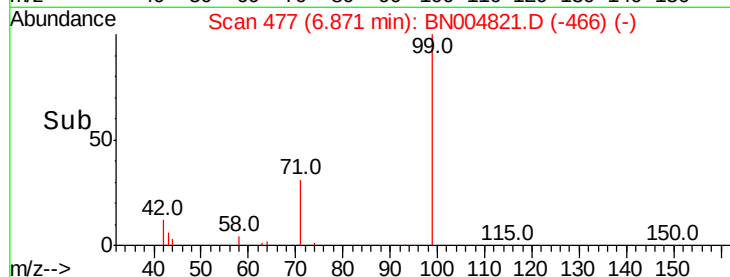
71 32.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004821.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004821.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004821.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 5.094 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

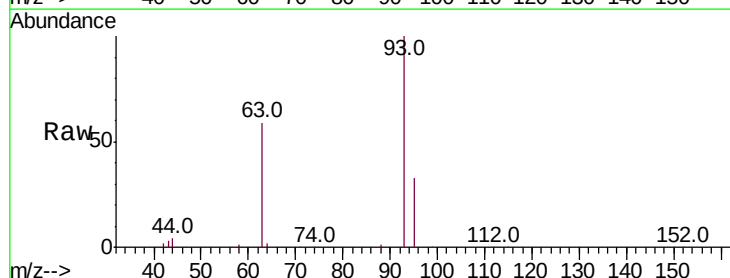
Tgt Ion: 93 Resp: 22739

Ion Ratio Lower Upper

93 100

63 64.4 52.6 78.8

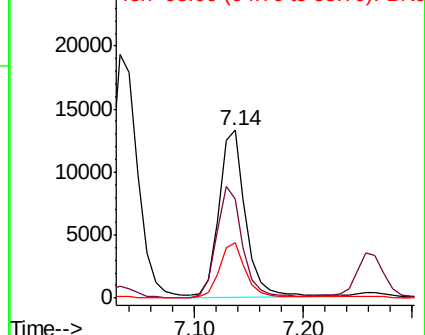
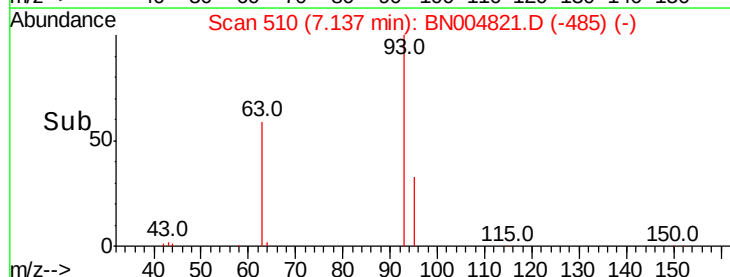
95 32.1 25.9 38.9

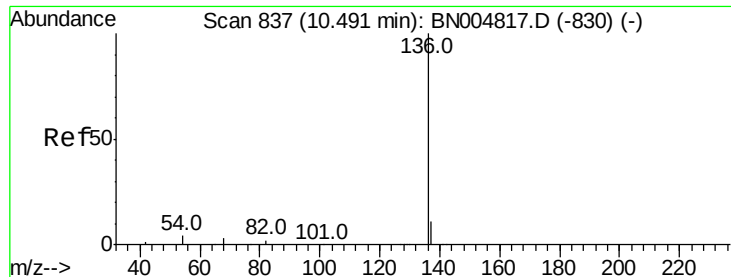


Abundance Ion 93.00 (92.70 to 93.70): BN004821.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004821.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004821.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 7034

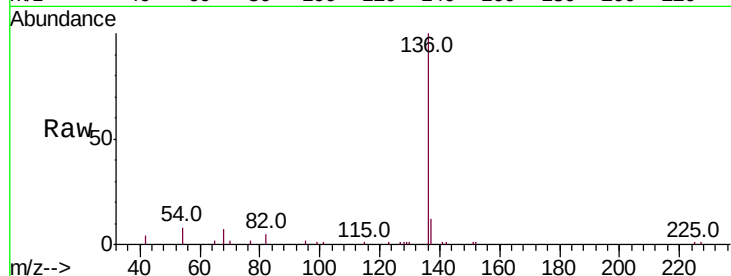
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 7.8 4.2 6.2#

68 6.7 3.9 5.9#

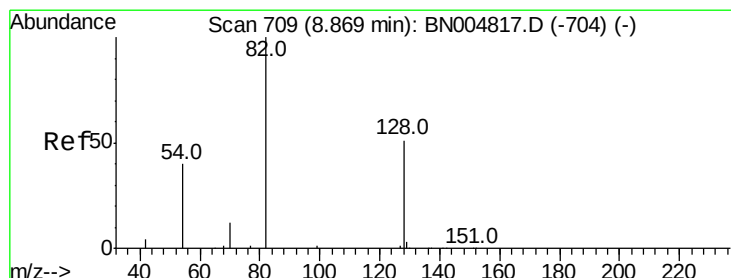
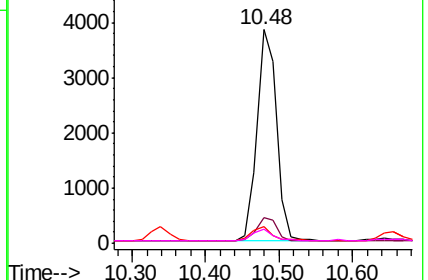
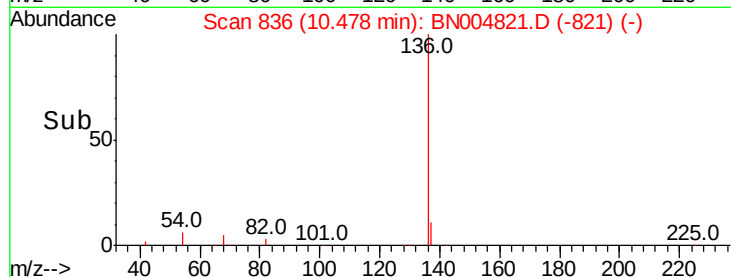


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.098 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

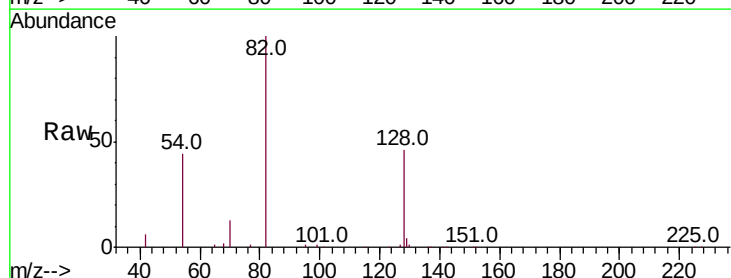
Tgt Ion: 82 Resp: 23085

Ion Ratio Lower Upper

82 100

128 46.2 43.0 64.6

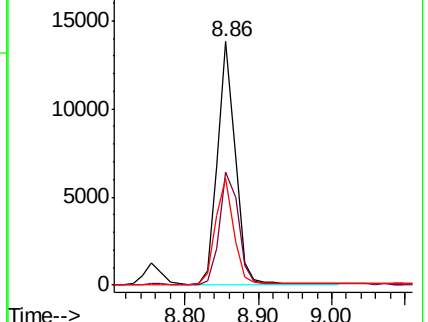
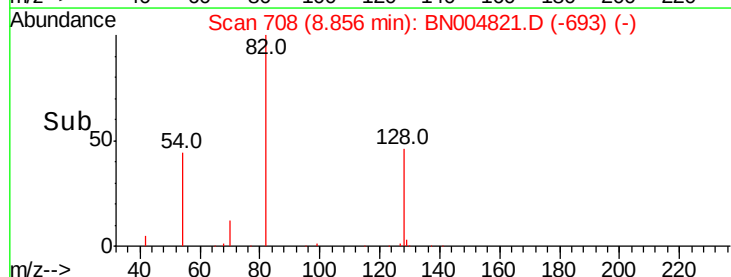
54 43.9 35.3 52.9

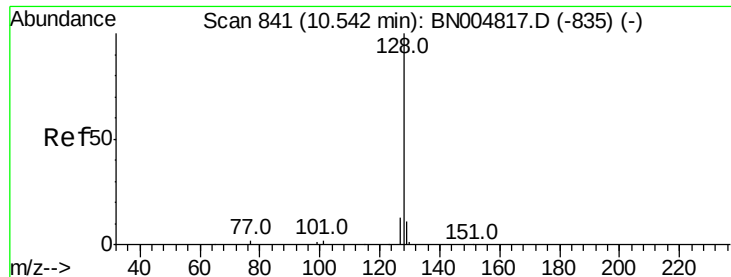


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.347 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

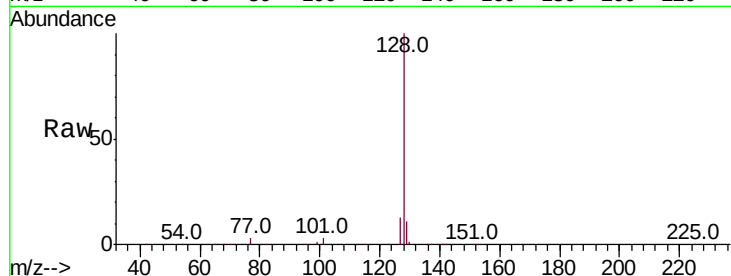
Tot Ion:128 Resp: 93404

Ion Ratio Lower Upper

128 100

129 11.1 9.9 14.9

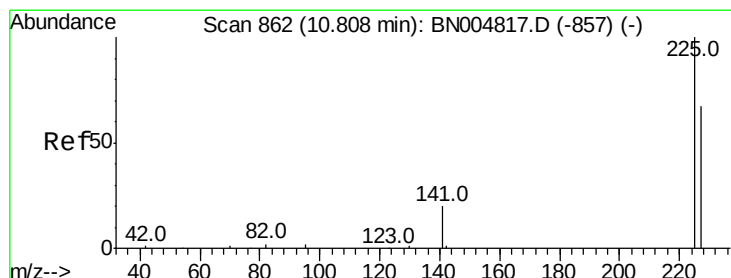
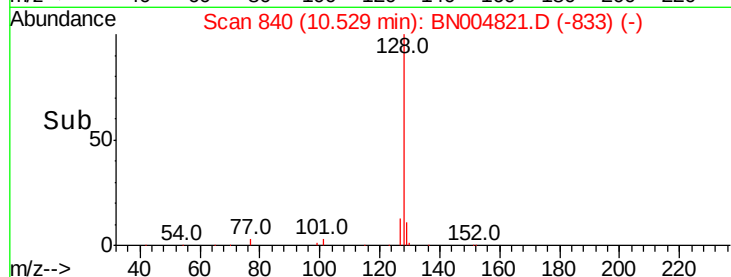
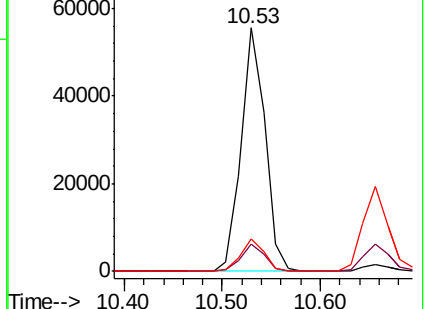
127 13.5 11.3 16.9



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: 5.896 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

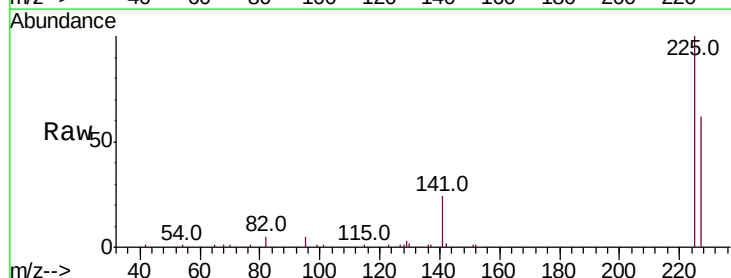
Tgt Ion:225 Resp: 17570

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

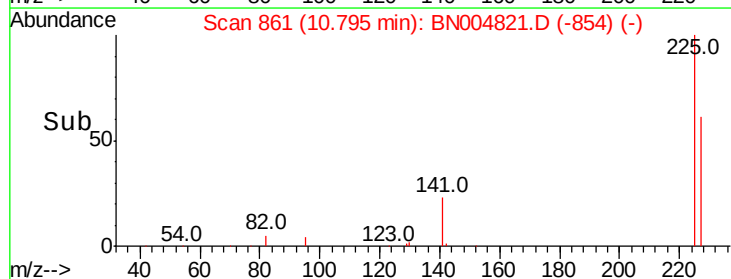
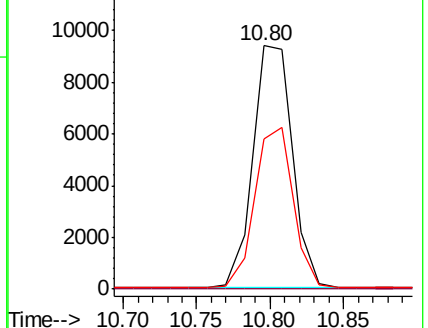
227 64.3 52.2 78.4

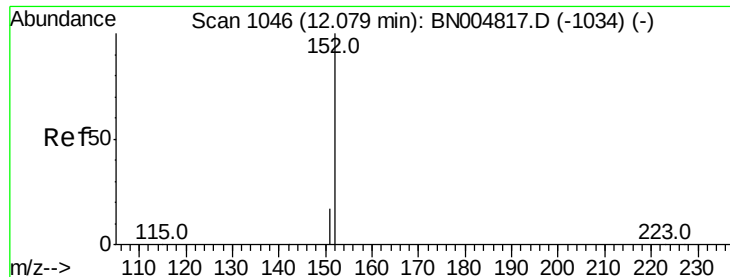


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.142 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

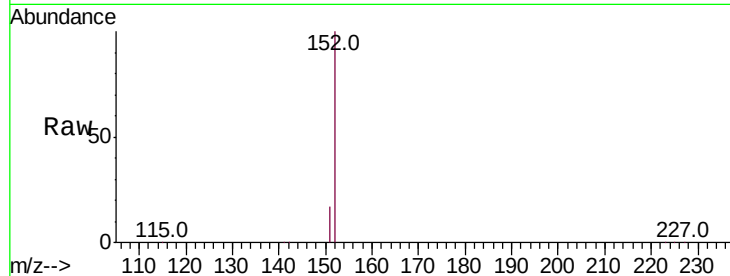
SSTDICC5.0

Tot Ion:152 Resp: 60810

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

40000 12.07

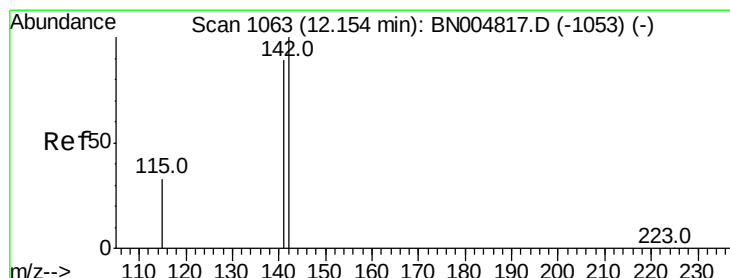
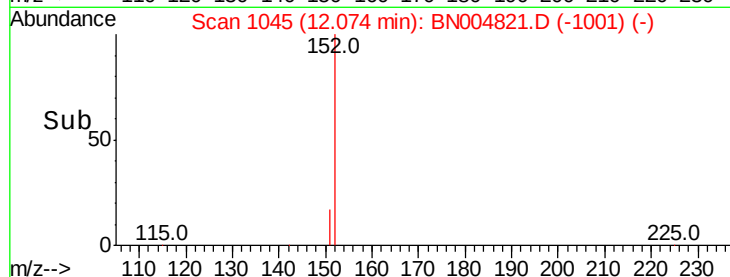
30000

20000

10000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 5.569 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

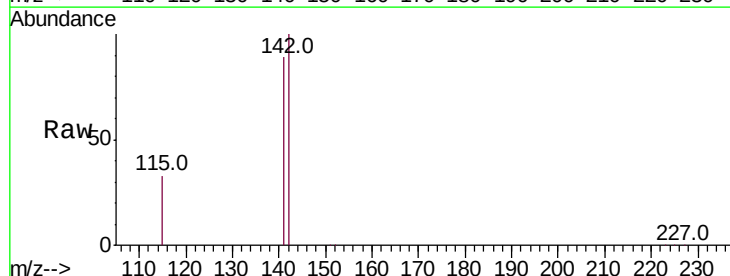
Tgt Ion:142 Resp: 70444

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

115 33.1 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

60000 12.15

50000

40000

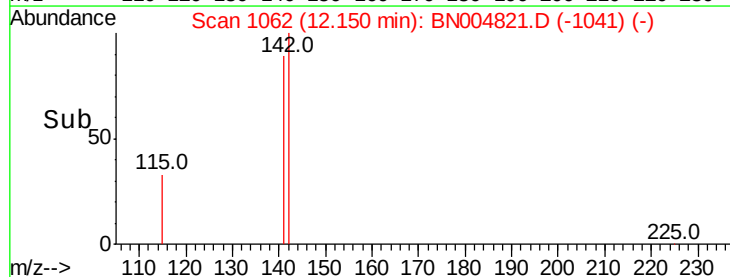
30000

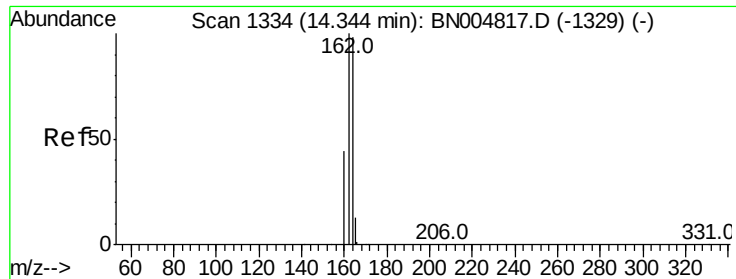
20000

10000

0

Time--> 12.00 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: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

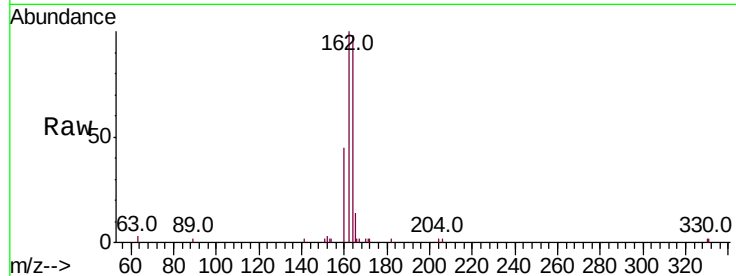
Tot Ion:164 Resp: 4682

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

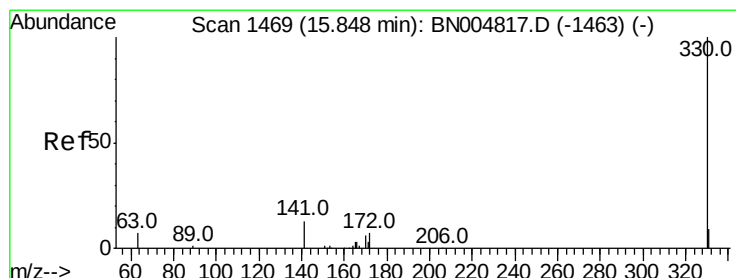
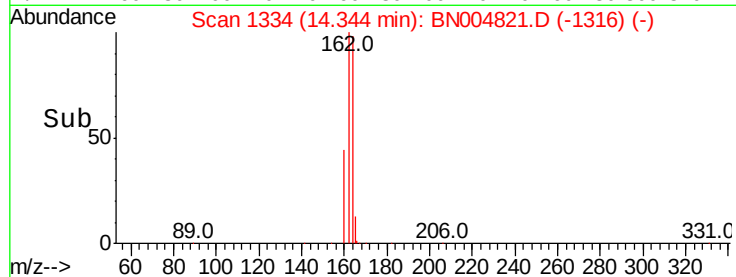
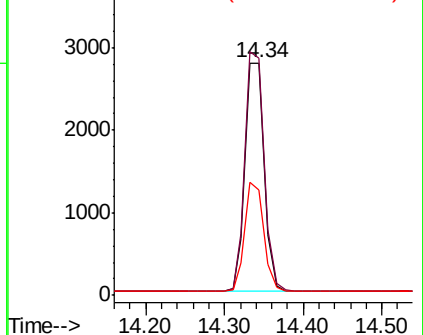
160 45.4 36.6 54.8



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: 6.233 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

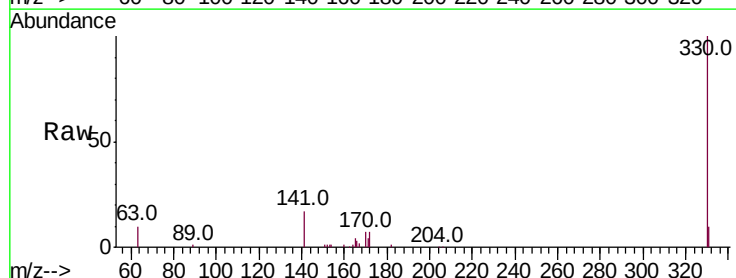
Tgt Ion:330 Resp: 17475

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

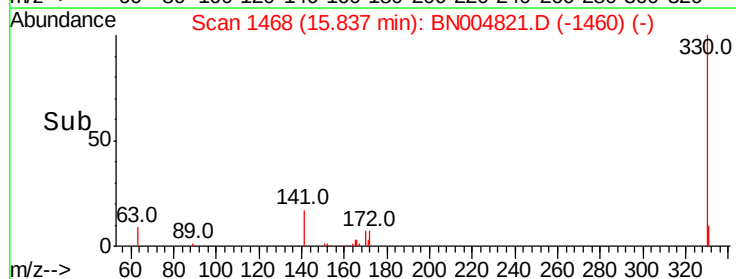
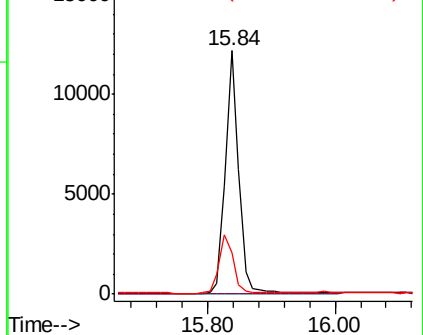
141 24.9 20.9 31.3

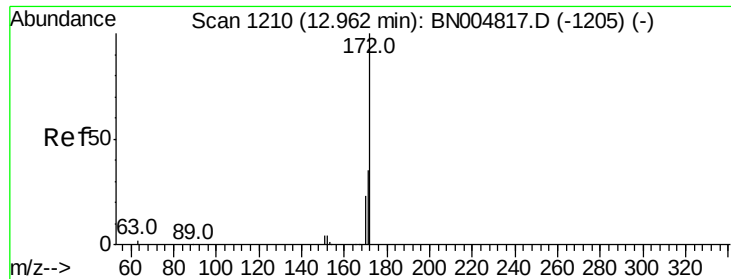


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

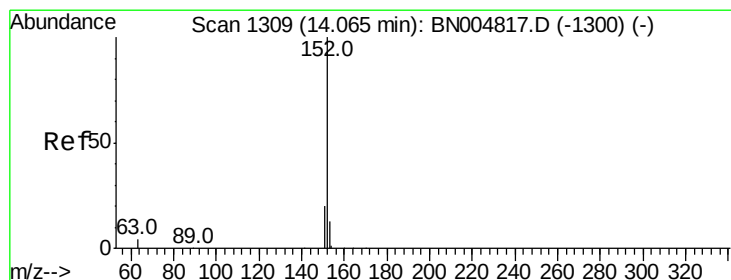
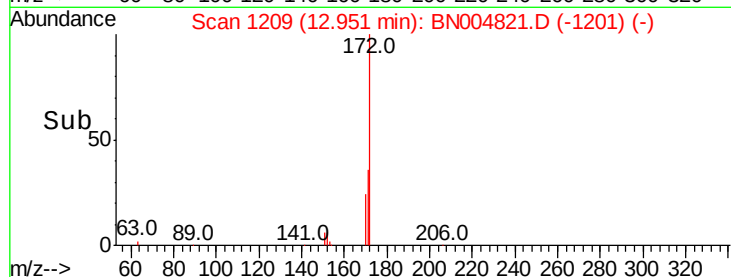
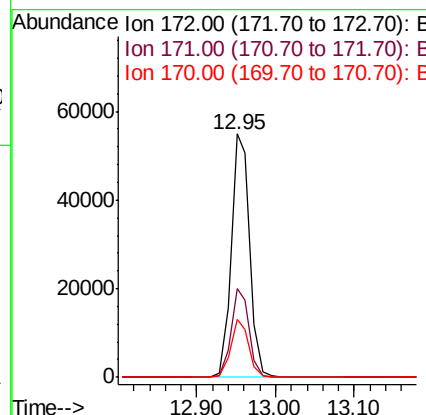
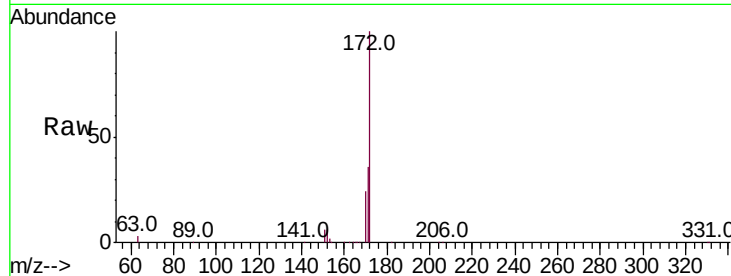




#15
2-Fluorobiphenyl
Concen: 4.856 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

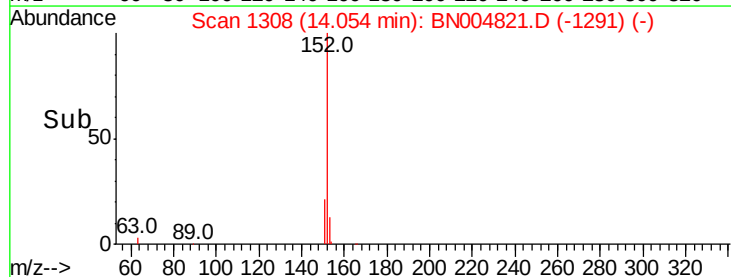
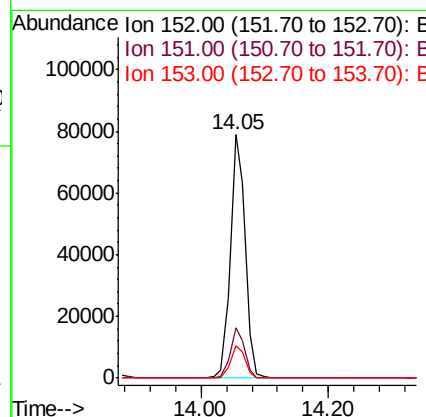
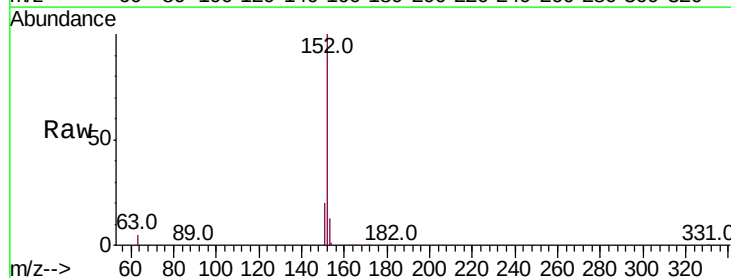
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

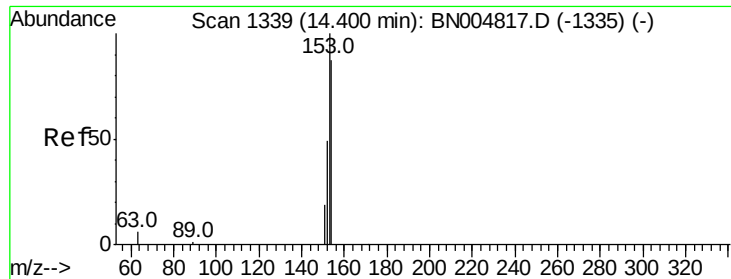
Tot Ion:172 Resp: 90731
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.0 18.7 28.1



#16
Acenaphthylene
Concen: 5.713 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

Tgt Ion:152 Resp: 125807
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 5.122 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

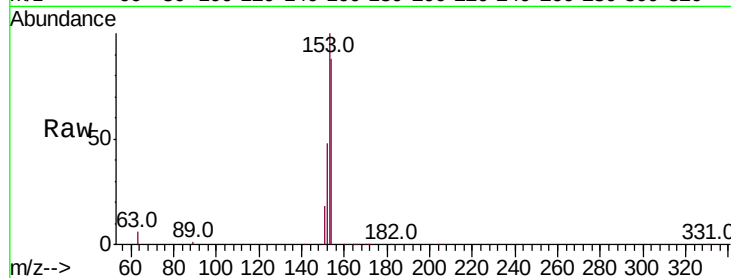
Tot Ion:154 Resp: 73914

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

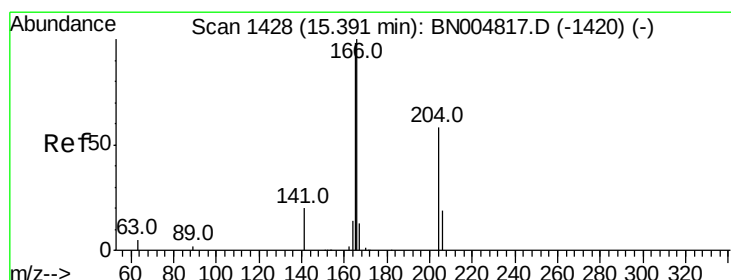
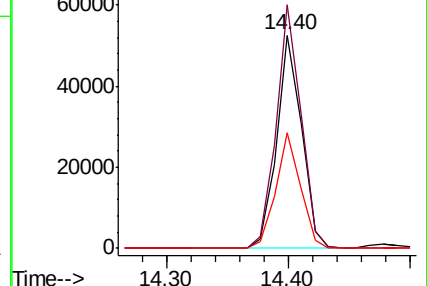
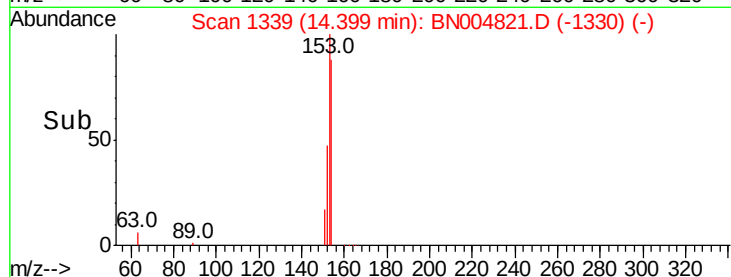
152 53.9 44.2 66.2



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: 5.581 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

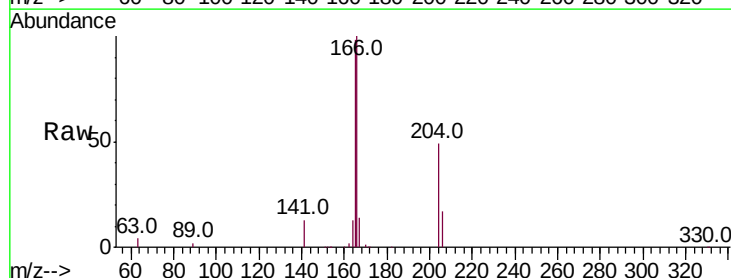
Tgt Ion:166 Resp: 101701

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

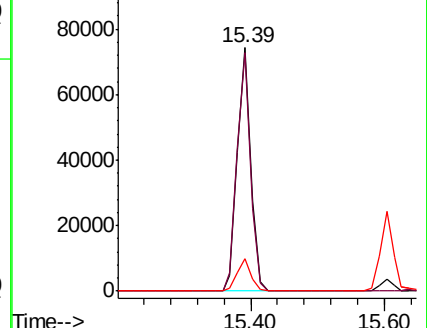
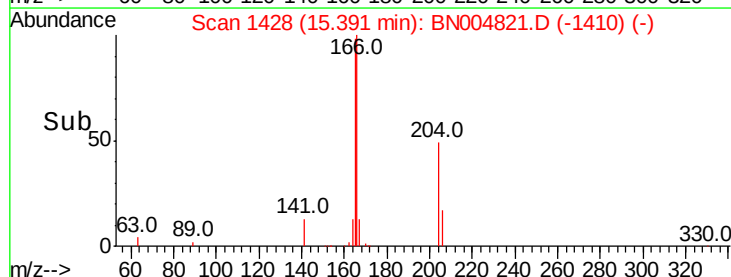
167 13.4 11.0 16.4

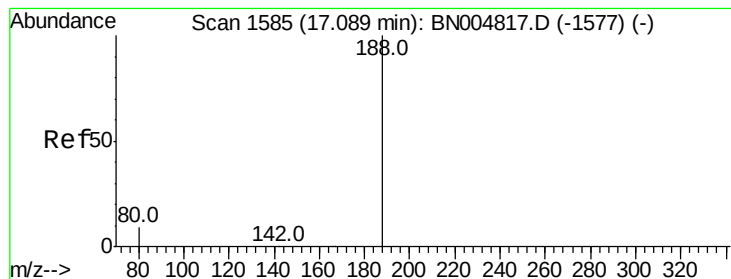


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

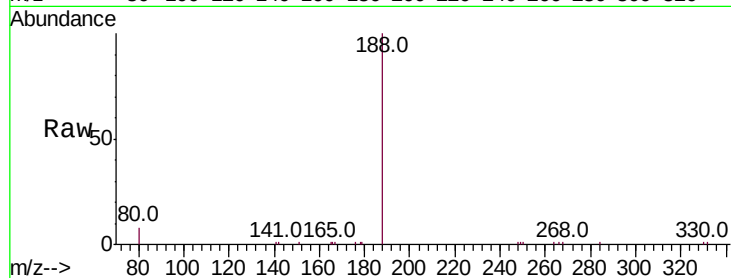
Tot Ion:188 Resp: 11402

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

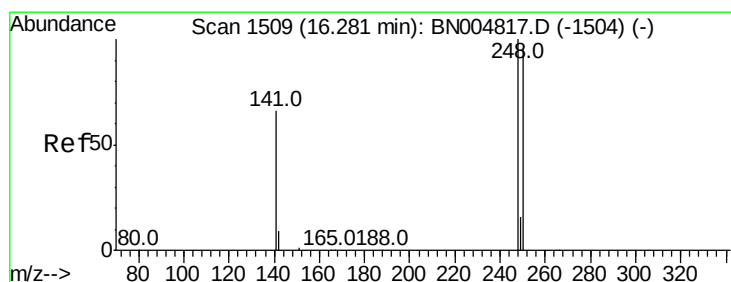
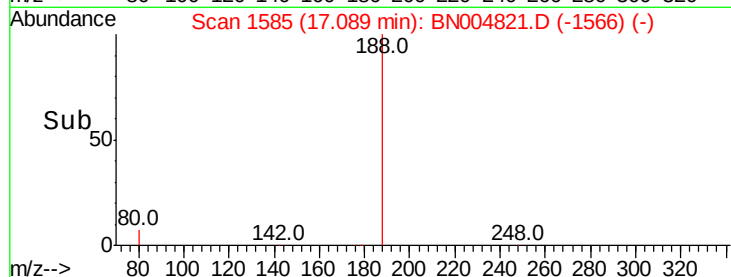
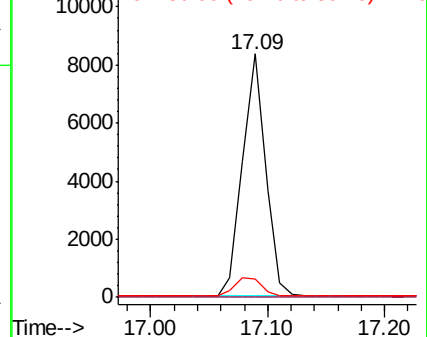
80 7.5 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 5.722 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

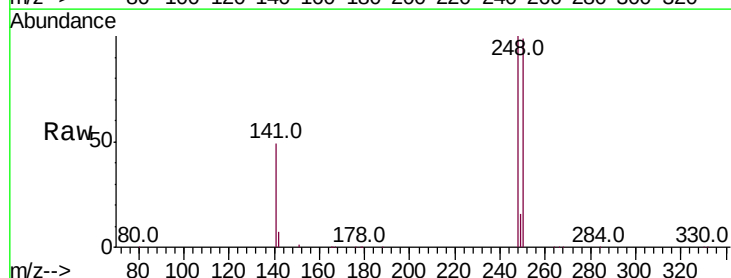
Tgt Ion:248 Resp: 36201

Ion Ratio Lower Upper

248 100

250 99.0 76.2 114.4

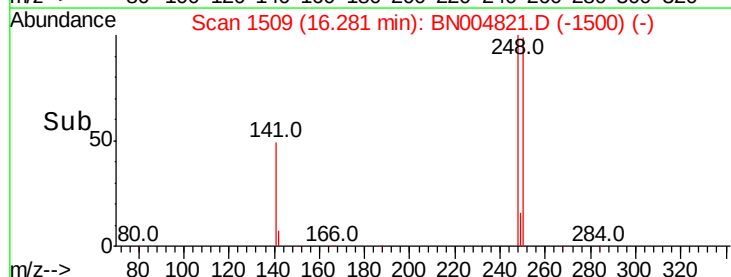
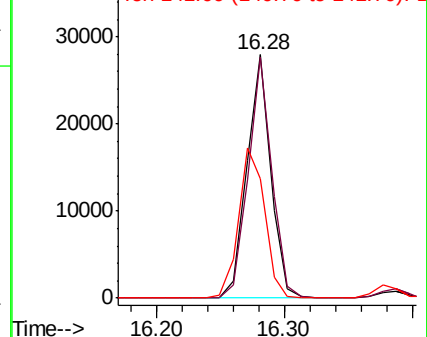
141 49.2 53.9 80.9#

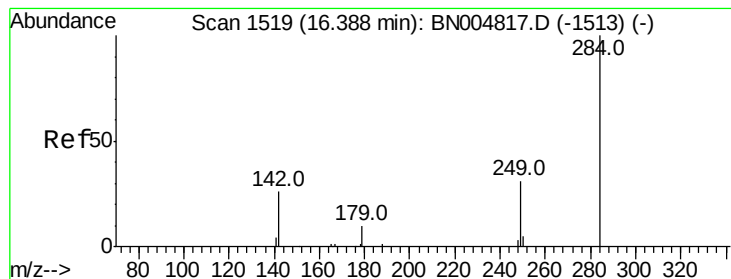


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.645 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

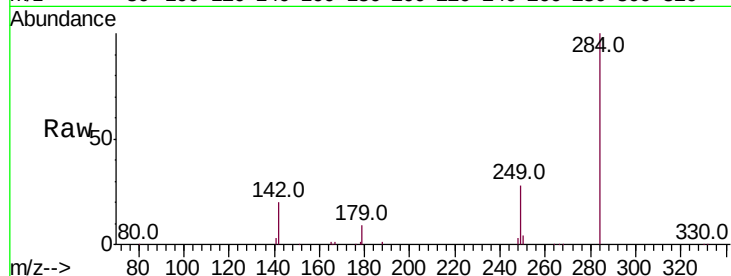
Tot Ion:284 Resp: 40541

Ion Ratio Lower Upper

284 100

142 28.7 22.6 34.0

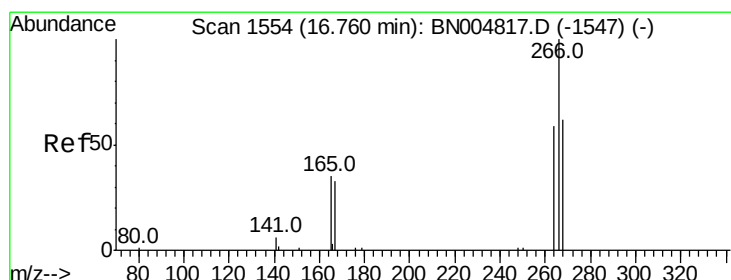
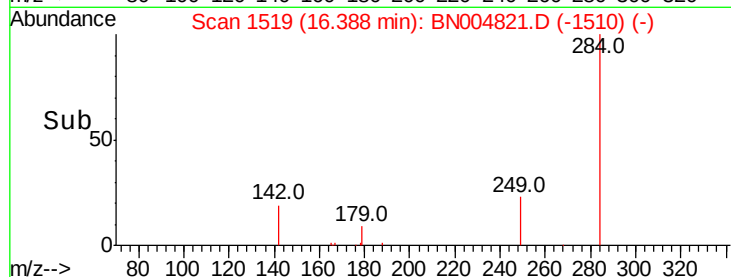
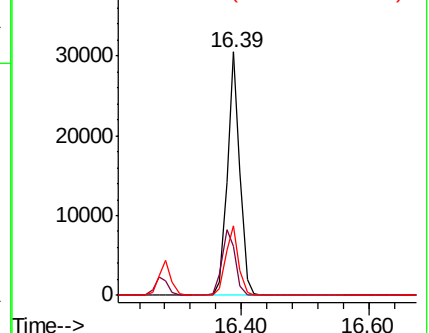
249 29.0 22.5 33.7



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: 7.846 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

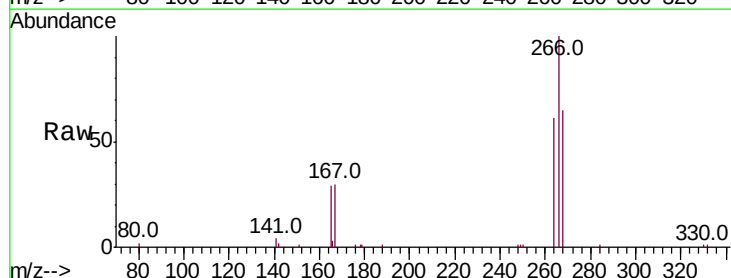
Tgt Ion:266 Resp: 10323

Ion Ratio Lower Upper

266 100

264 61.5 53.1 79.7

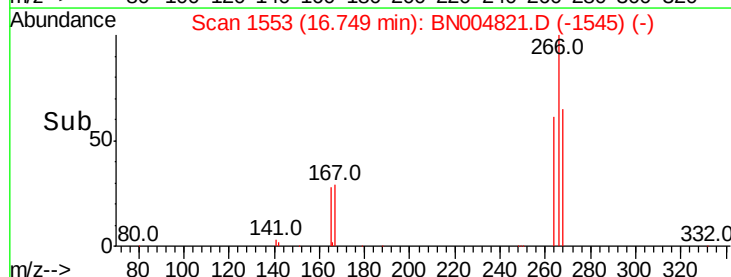
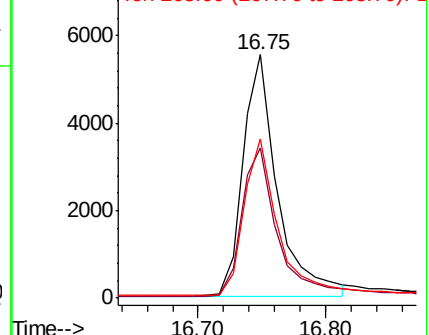
268 65.1 57.7 86.5

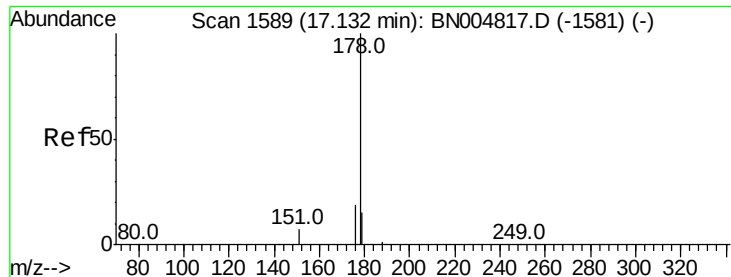


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.622 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

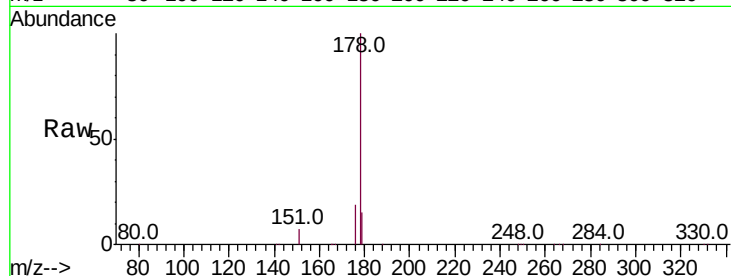
Tot Ion:178 Resp: 173203

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

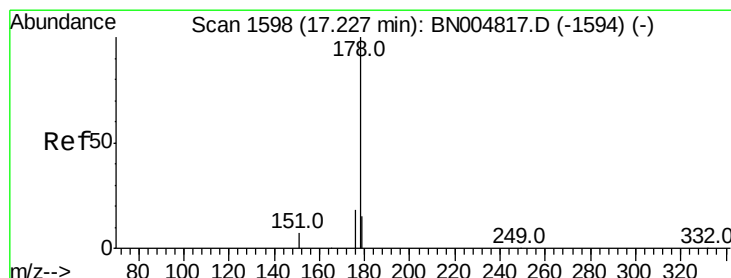
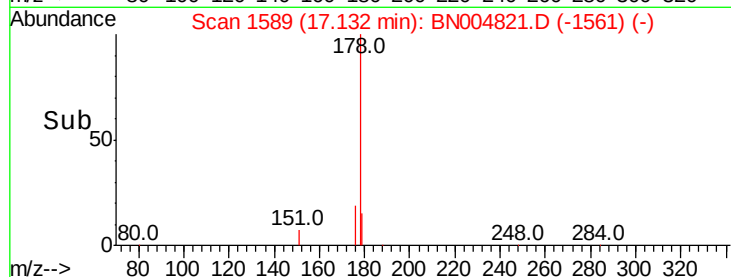
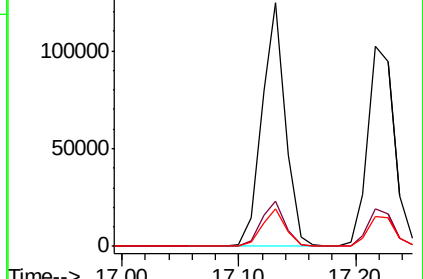
179 15.3 12.1 18.1



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: 5.776 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

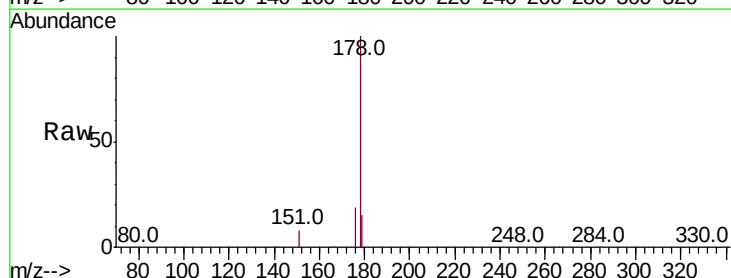
Tgt Ion:178 Resp: 164020

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

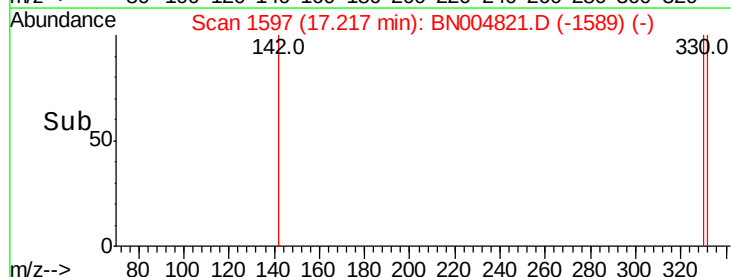
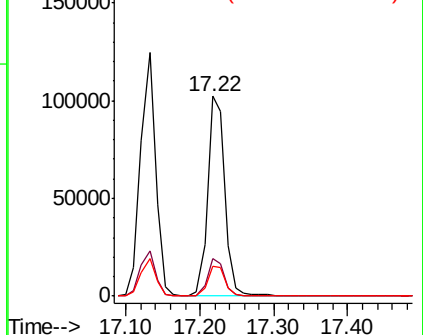
179 15.4 12.2 18.4

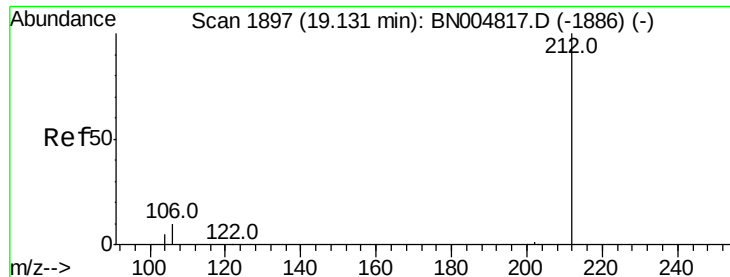


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.623 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

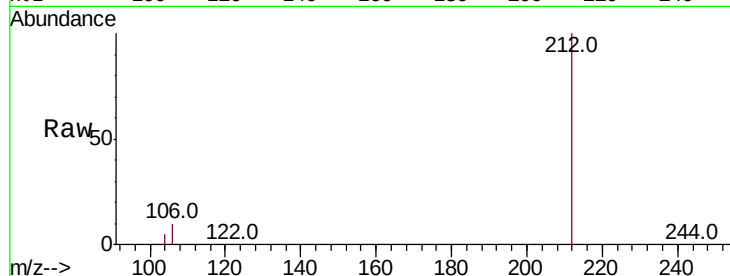
Tot Ion:212 Resp: 188911

Ion Ratio Lower Upper

212 100

106 10.6 8.6 13.0

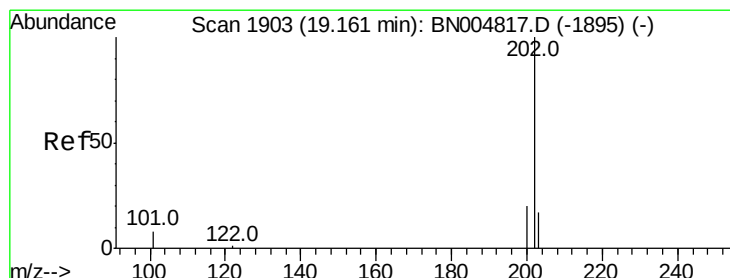
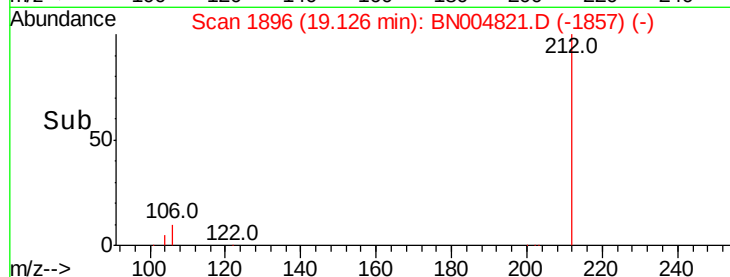
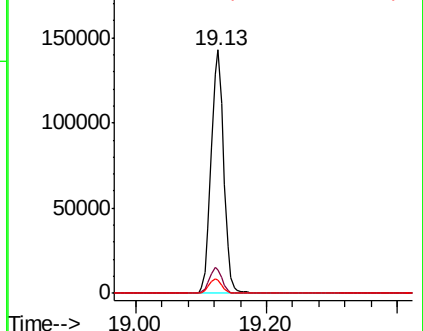
104 5.8 4.7 7.1



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: 6.077 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

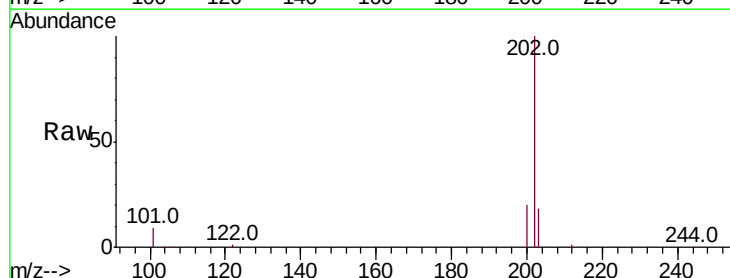
Tgt Ion:202 Resp: 222342

Ion Ratio Lower Upper

202 100

101 9.2 7.5 11.3

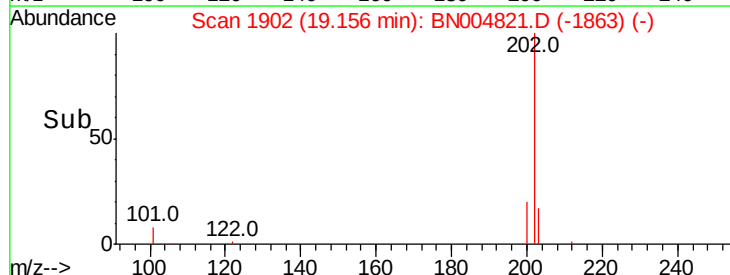
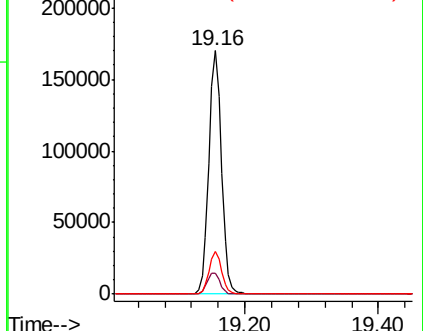
203 17.5 13.8 20.6

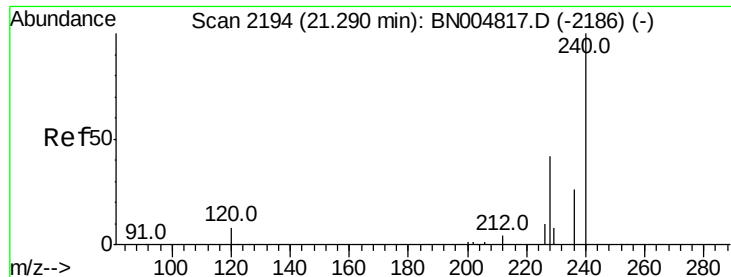


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

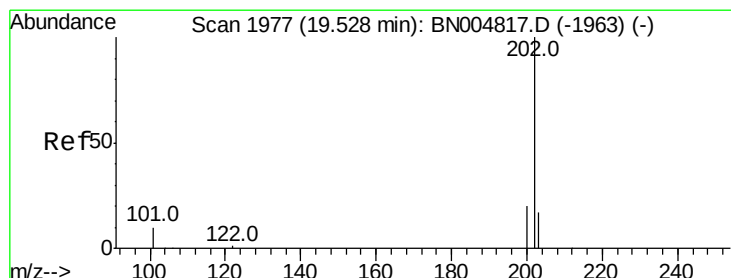
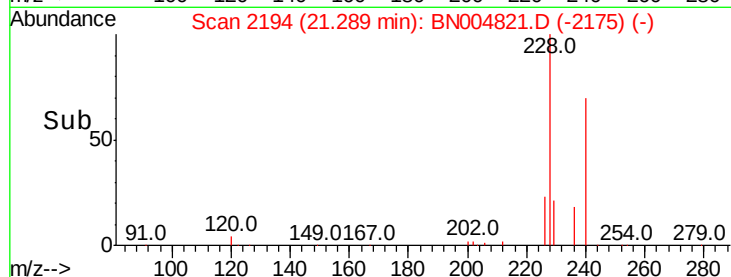
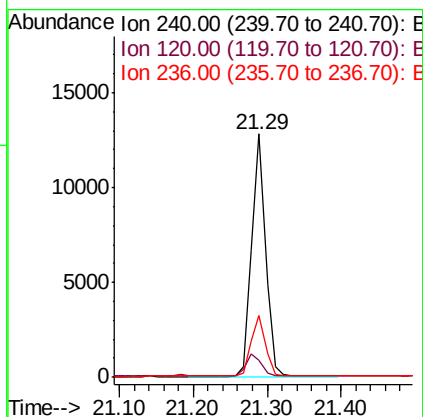
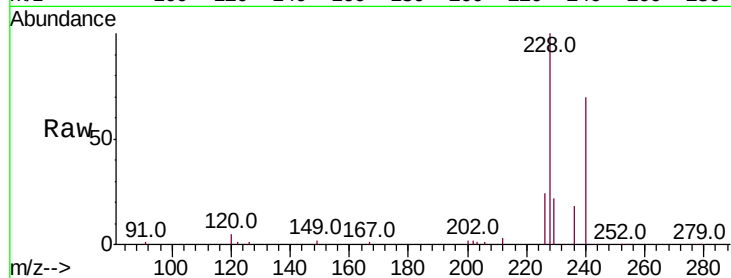




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

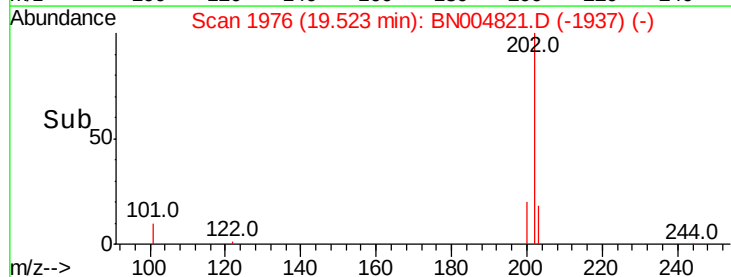
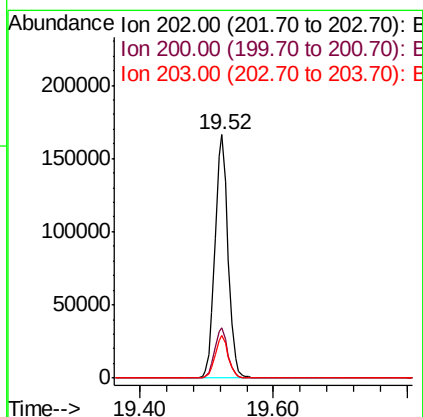
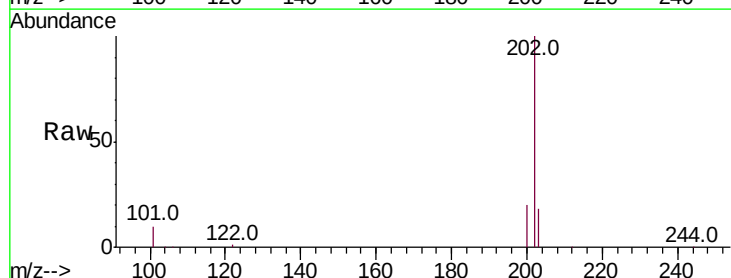
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

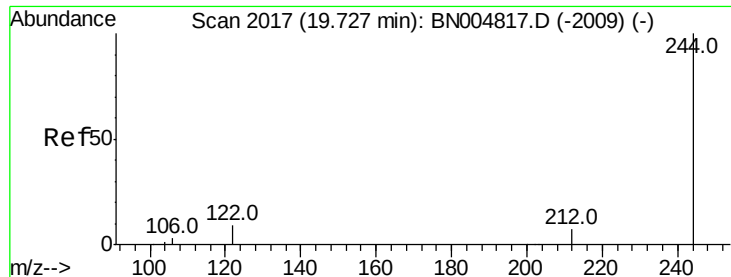
Tot Ion:240 Resp: 16284
Ion Ratio Lower Upper
240 100
120 6.8 7.2 10.8#
236 25.6 20.9 31.3



#28
Pyrene
Concen: 4.426 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

Tgt Ion:202 Resp: 225718
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 3.878 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

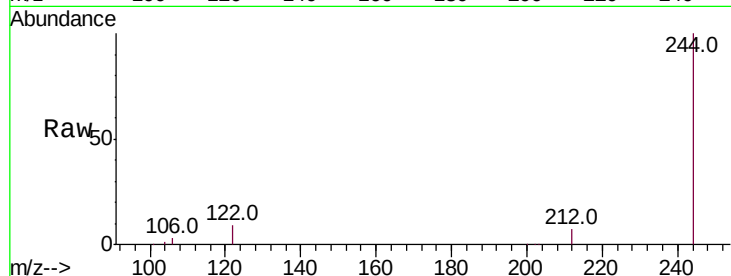
Tot Ion:244 Resp: 156326

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

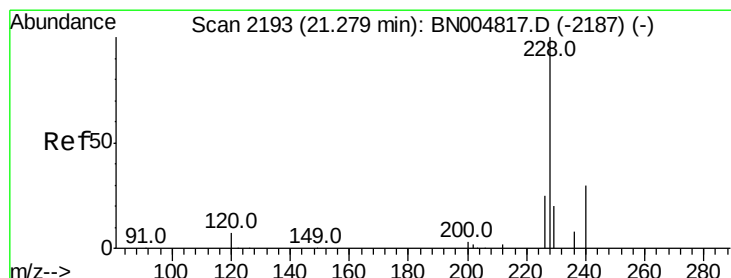
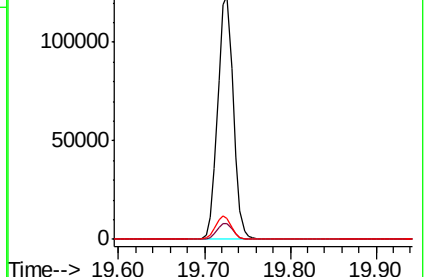
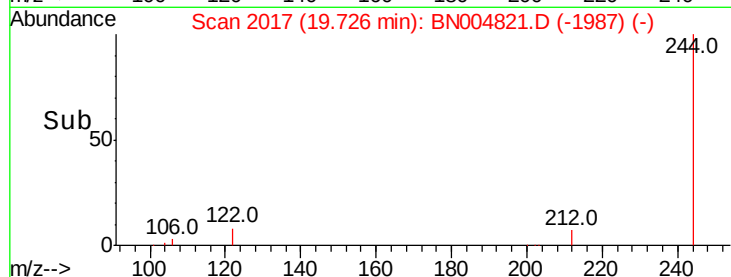
122 8.5 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.617 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

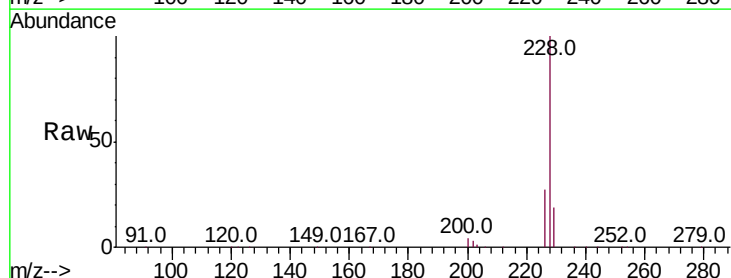
Tgt Ion:228 Resp: 254082

Ion Ratio Lower Upper

228 100

226 27.0 20.6 31.0

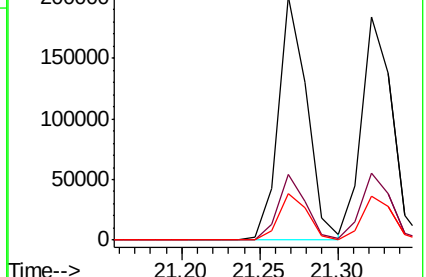
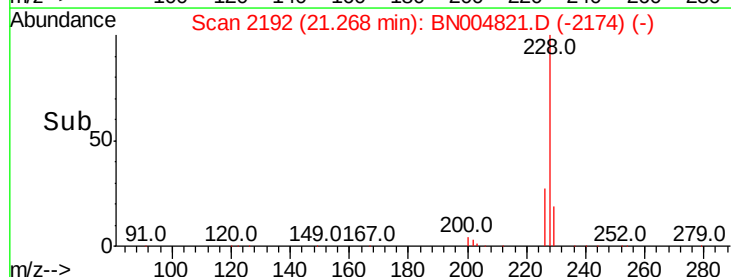
229 19.1 16.2 24.4

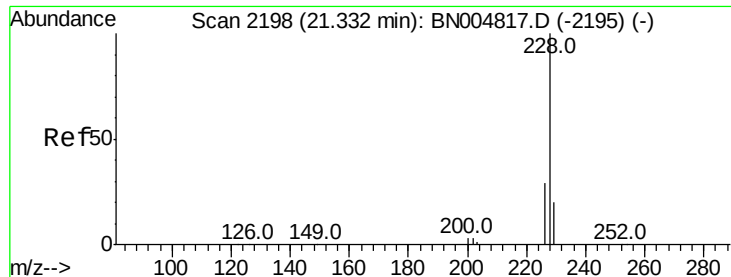


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.391 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

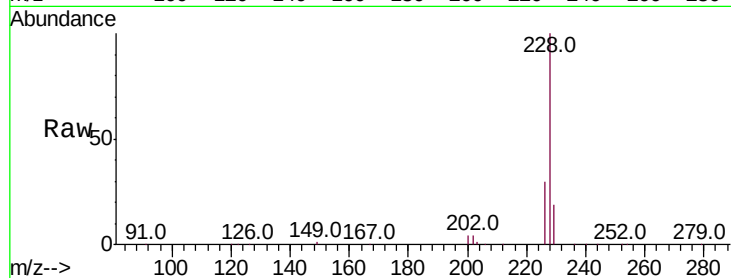
BNA_N

ClientSampled :

SSTDICC5.0

Tot Ion:228 Resp: 249310

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	19.4	16.2	24.2

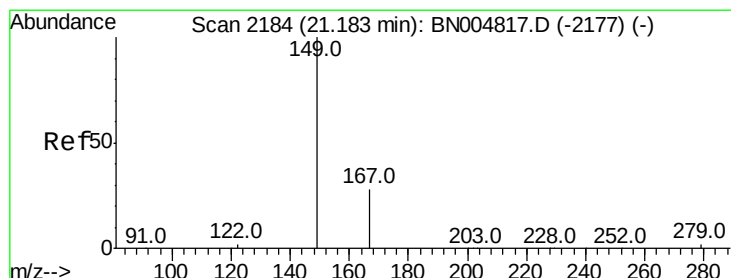
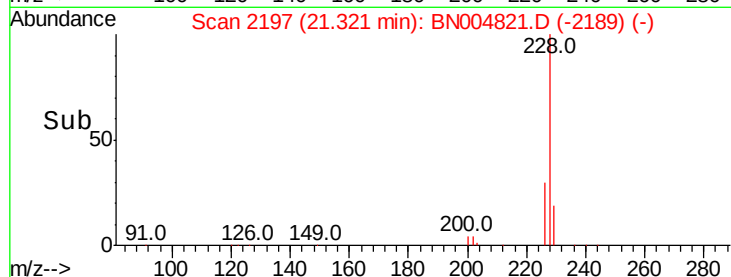
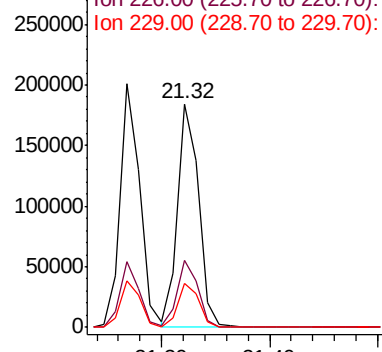


Abundance

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: 3.669 ng

RT: 21.18 min Scan# 2184

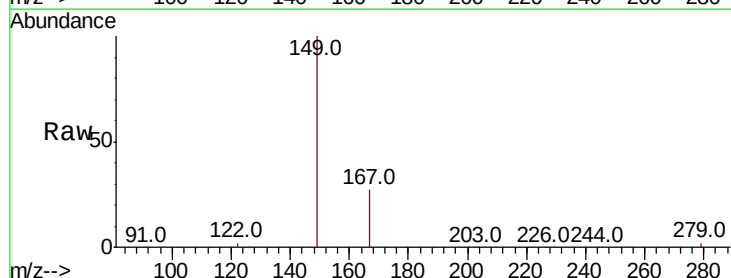
Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Tgt Ion:149 Resp: 101557

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	5.7	4.6	6.8

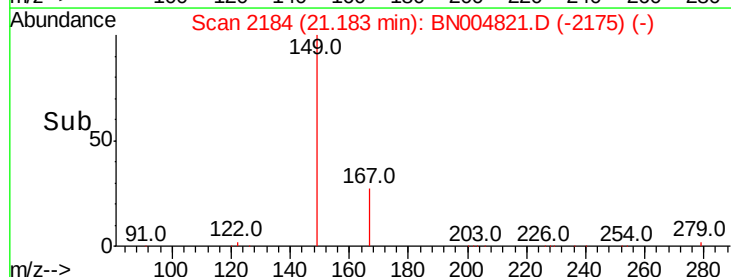
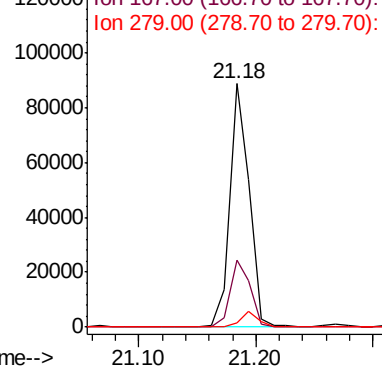


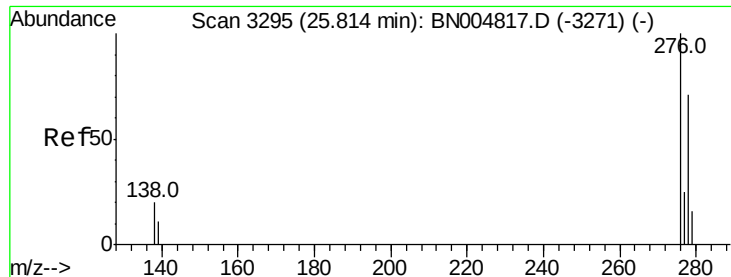
Abundance

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: 7.417 ng

RT: 25.80 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

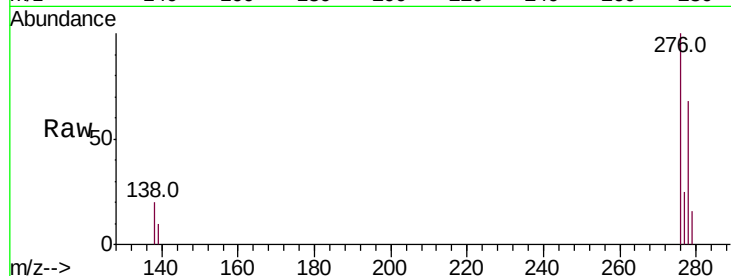
Tot Ion:276 Resp: 365674

Ion Ratio Lower Upper

276 100

138 20.7 16.6 24.8

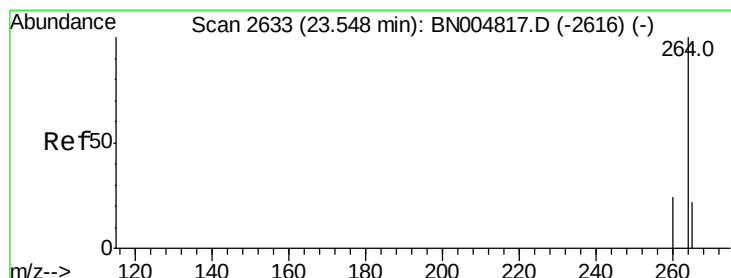
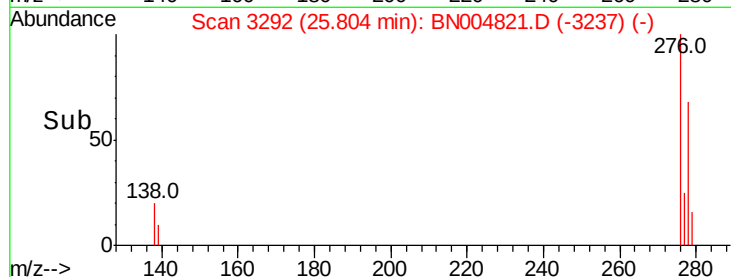
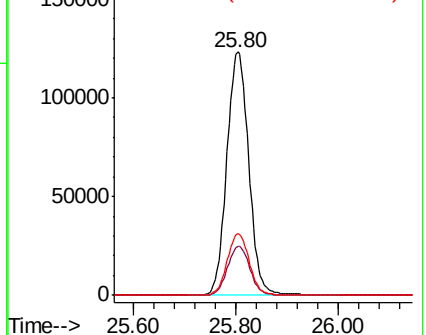
277 25.5 20.3 30.5



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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

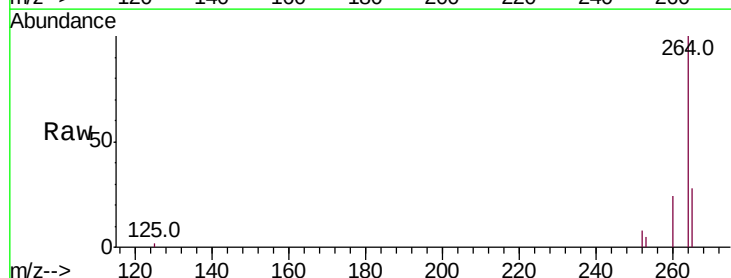
Tgt Ion:264 Resp: 16724

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

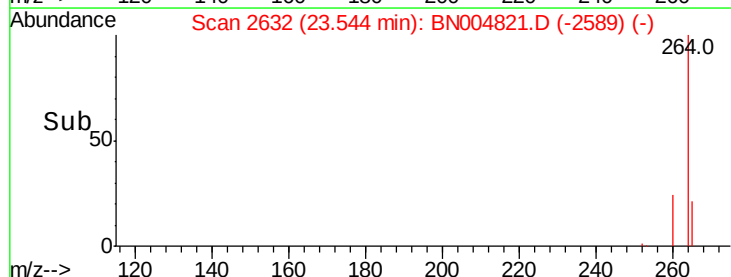
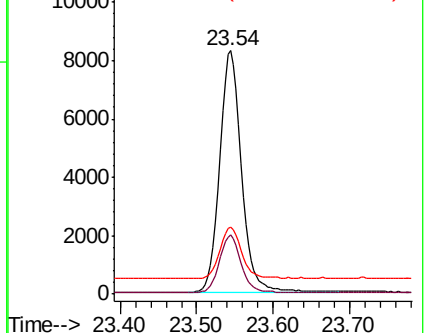
265 27.5 23.1 34.7

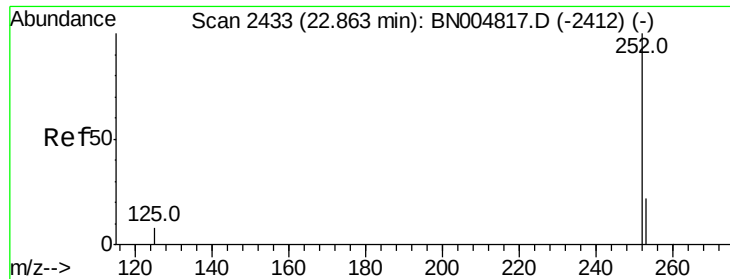


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

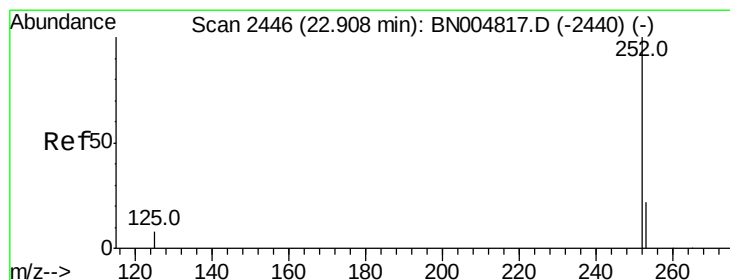
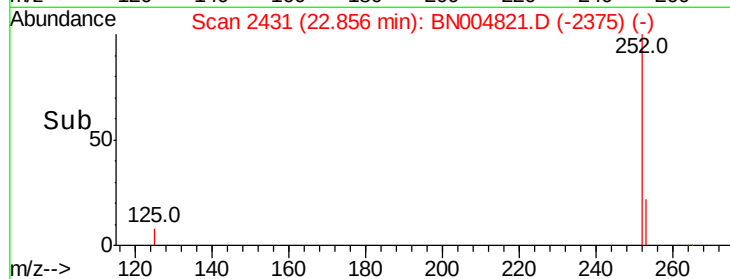
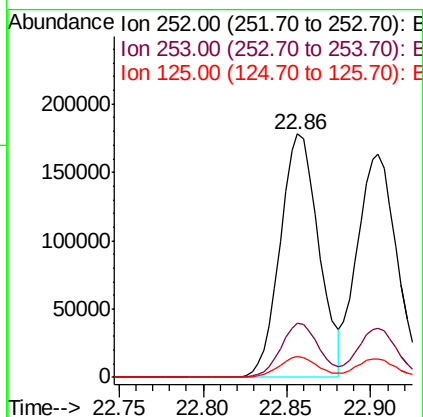
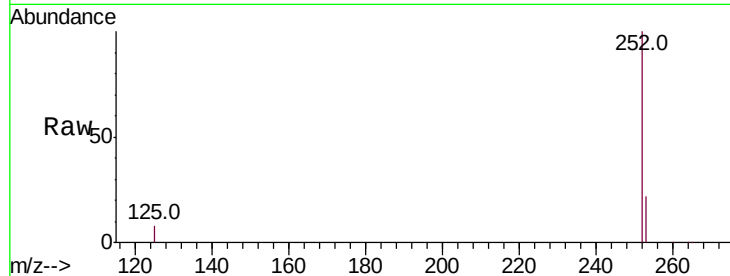




#35
Benzo(b)fluoranthene
Concen: 5.908 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

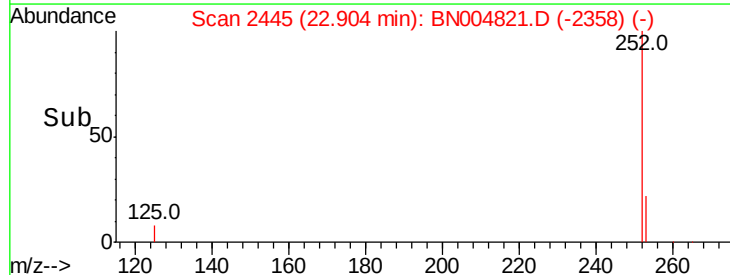
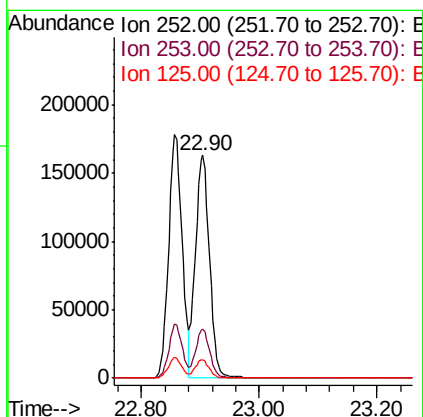
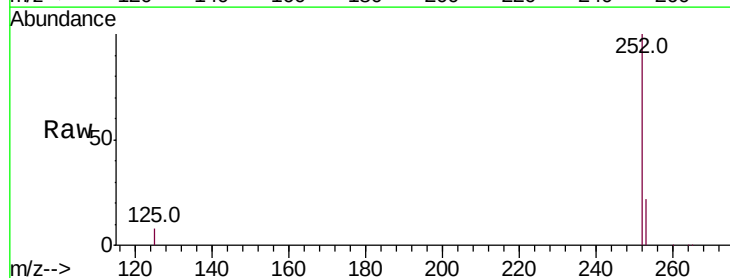
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

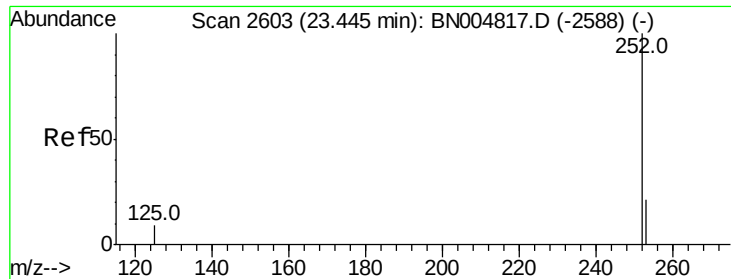
Tot Ion:252 Resp: 284201
Ion Ratio Lower Upper
252 100
253 22.0 19.0 28.4
125 8.4 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 5.347 ng
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

Tgt Ion:252 Resp: 270652
Ion Ratio Lower Upper
252 100
253 22.0 19.3 28.9
125 8.2 7.4 11.0

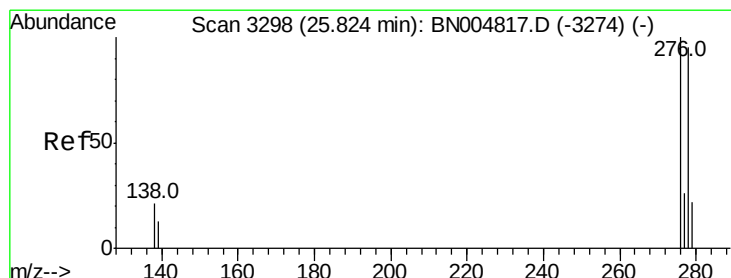
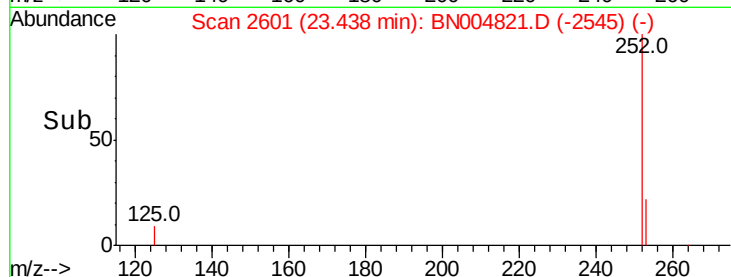
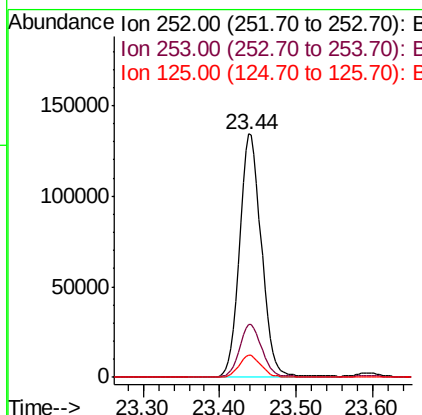
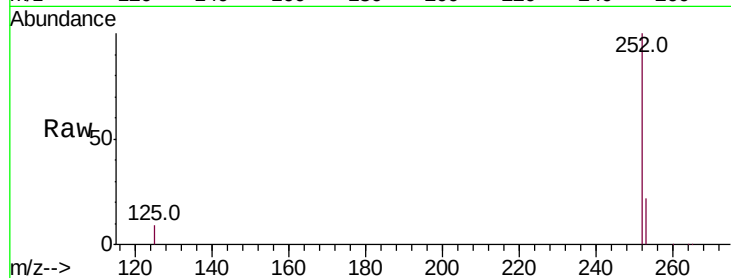




#37
Benzo(a)pyrene
Concen: 5.804 ng
RT: 23.44 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

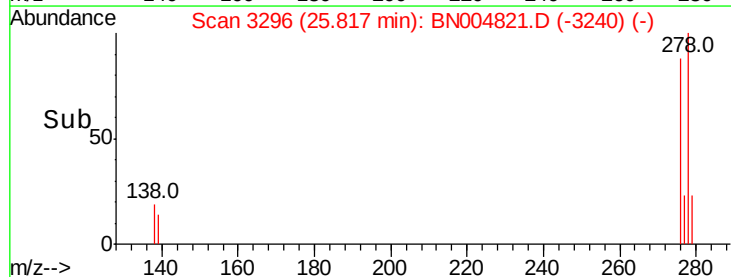
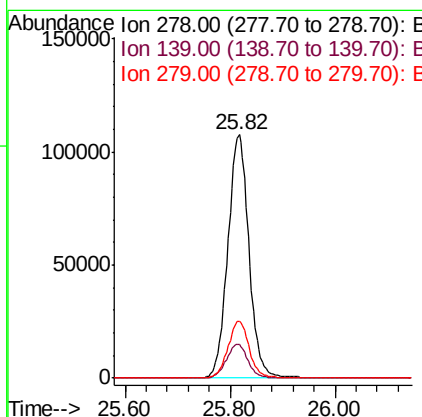
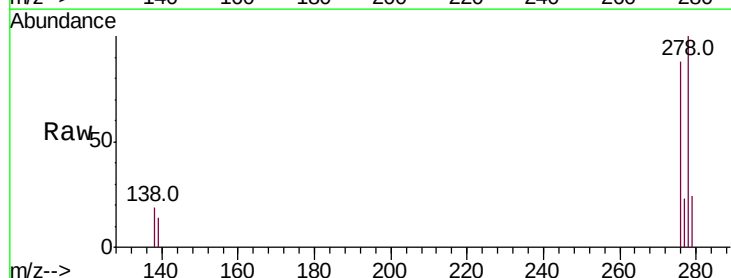
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

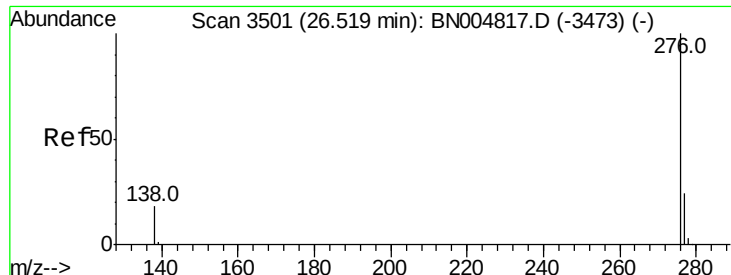
Tot Ion:252 Resp: 264218
Ion Ratio Lower Upper
252 100
253 21.9 19.7 29.5
125 9.3 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 6.599 ng
RT: 25.82 min Scan# 3296
Delta R.T. -0.01 min
Lab File: BN004821.D
Acq: 20 Mar 2019 14:41

Tgt Ion:278 Resp: 300699
Ion Ratio Lower Upper
278 100
139 13.8 11.7 17.5
279 23.6 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 6.702 ng

RT: 26.51 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BN004821.D

Acq: 20 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

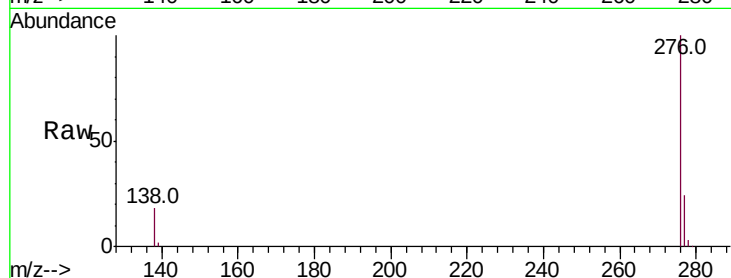
Tot Ion:276 Resp: 302478

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 17.8 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

