

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032519\
 Data File : BN004970.D
 Acq On : 25 Mar 2019 20:39
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 26 02:07:08 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	7.69	152	4187	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	17706	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	9047	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	17674	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	17416	0.40	ng	0.00
34) Perylene-d12	23.54	264	19273	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	5475	0.48	ng	0.00
5) Phenol-d6	6.87	99	6909	0.49	ng	0.00
8) Nitrobenzene-d5	8.84	82	5876	0.50	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	12238	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	2335	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	17922	0.48	ng	-0.01
25) Fluoranthene-d10	19.12	212	20998	0.35	ng	-0.01
29) Terphenyl-d14	19.72	244	18012	0.51	ng	-0.01

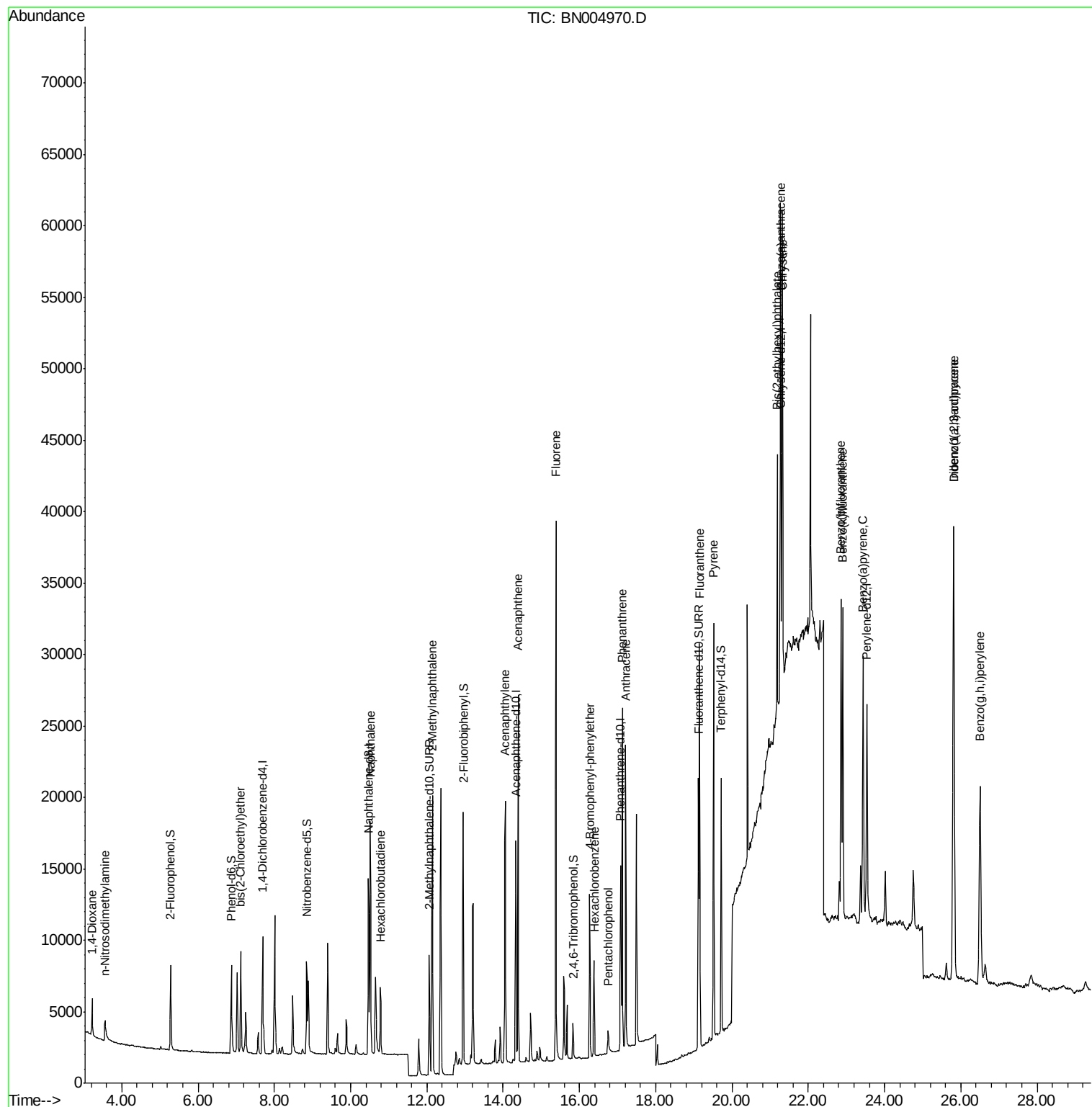
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1943	0.408	ng	98
3) n-Nitrosodimethylamine	3.56	42	1325	0.471	ng	99
6) bis(2-Chloroethyl)ether	7.12	93	5552	0.434	ng	97
9) Naphthalene	10.52	128	21428	0.432	ng	98
10) Hexachlorobutadiene	10.78	225	4001	0.422	ng	# 98
12) 2-Methylnaphthalene	12.14	142	14699	0.399	ng	99
16) Acenaphthylene	14.05	152	21991	0.472	ng	100
17) Acenaphthene	14.39	154	13232	0.434	ng	99
18) Fluorene	15.38	166	16539	0.388	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	5523	0.478	ng	97
21) Hexachlorobenzene	16.39	284	5556	0.420	ng	95
22) Pentachlorophenol	16.75	266	1214m	0.470	ng	
23) Phenanthrene	17.12	178	23488	0.412	ng	99
24) Anthracene	17.22	178	23172	0.455	ng	100
26) Fluoranthene	19.15	202	25834	0.352	ng	# 98
28) Pyrene	19.52	202	26034	0.490	ng	99
30) Benzo(a)anthracene	21.27	228	25535	0.447	ng	# 89
31) Chrysene	21.32	228	24728	0.411	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.18	149	17886	0.784	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.81	276	34519	0.397	ng	98
35) Benzo(b)fluoranthene	22.86	252	28512	0.409	ng	# 74
36) Benzo(k)fluoranthene	22.90	252	26616	0.388	ng	# 74
37) Benzo(a)pyrene	23.43	252	25868	0.404	ng	# 68
38) Dibenzo(a,h)anthracene	25.81	278	28298	0.382	ng	# 76
39) Benzo(g,h,i)perylene	26.51	276	28630	0.379	ng	# 80

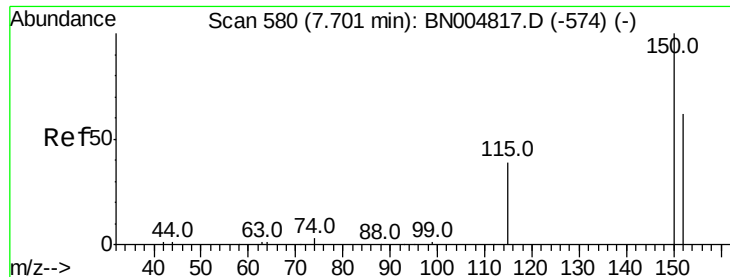
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

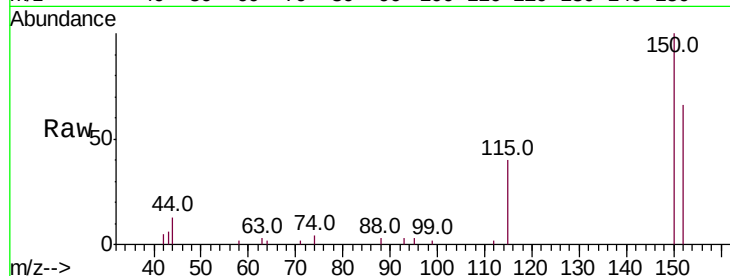
Tot Ion:152 Resp: 4187

Ion Ratio Lower Upper

152 100

150 150.5 126.2 189.4

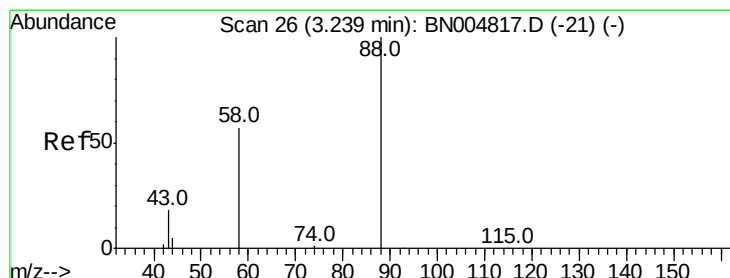
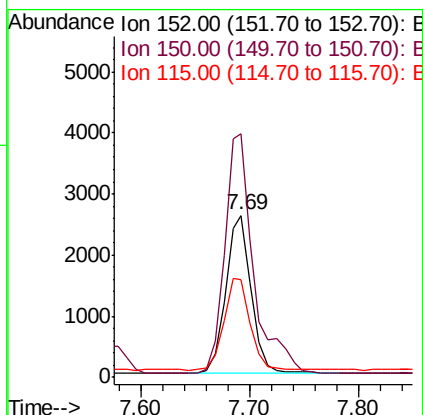
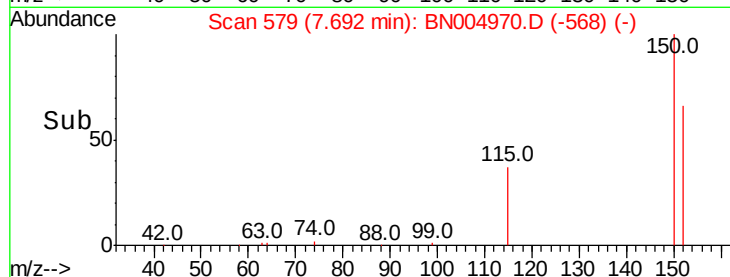
115 60.0 52.6 79.0



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: 0.408 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

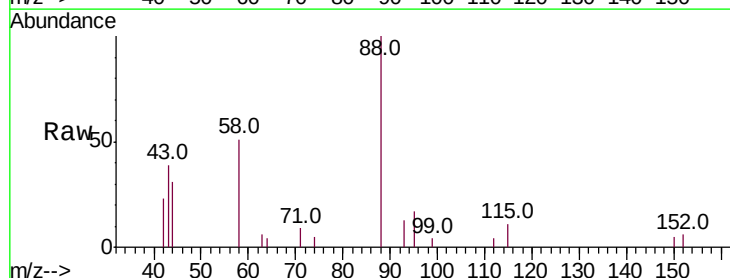
Tgt Ion: 88 Resp: 1943

Ion Ratio Lower Upper

88 100

58 66.0 51.4 77.2

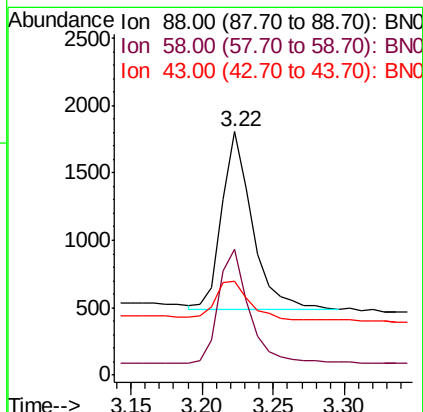
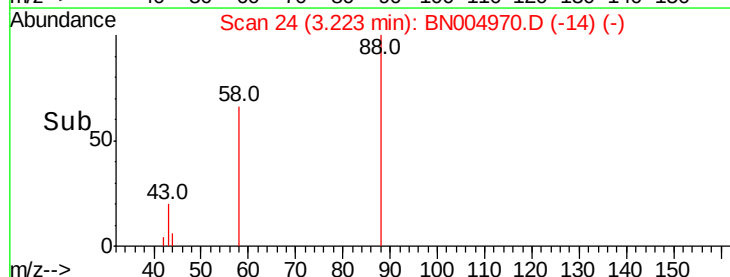
43 26.3 20.0 30.0

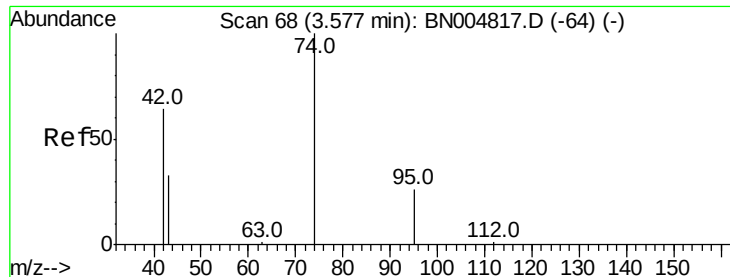


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.471 ng

RT: 3.56 min Scan# 66

Delta R.T. -0.02 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

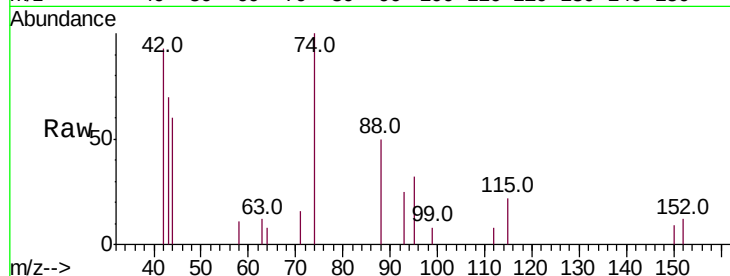
Tot Ion: 42 Resp: 1325

Ion Ratio Lower Upper

42 100

74 159.6 128.4 192.6

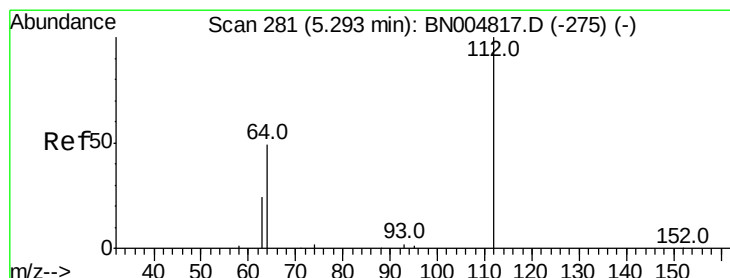
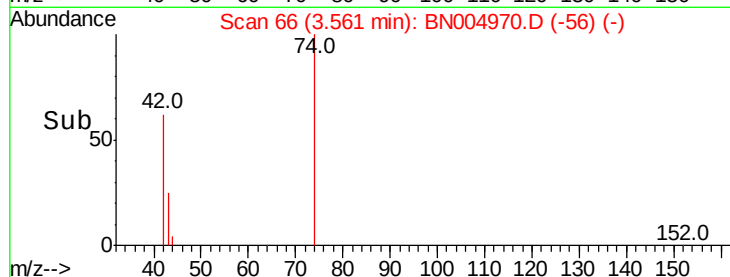
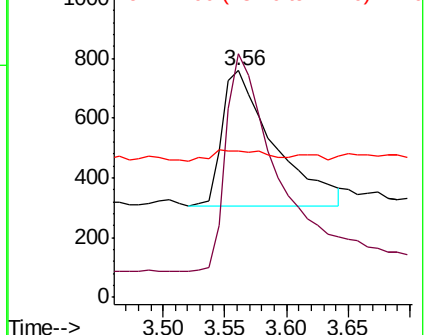
44 7.9 6.1 9.1



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: 0.481 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

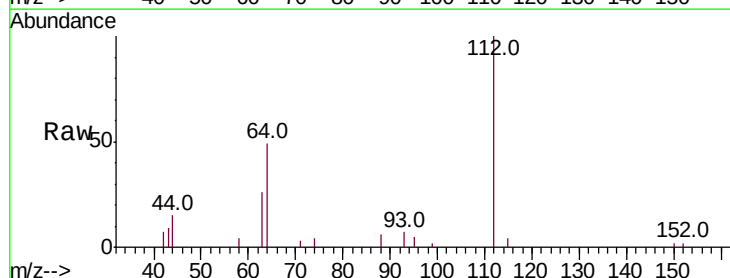
Tgt Ion: 112 Resp: 5475

Ion Ratio Lower Upper

112 100

64 52.2 40.0 60.0

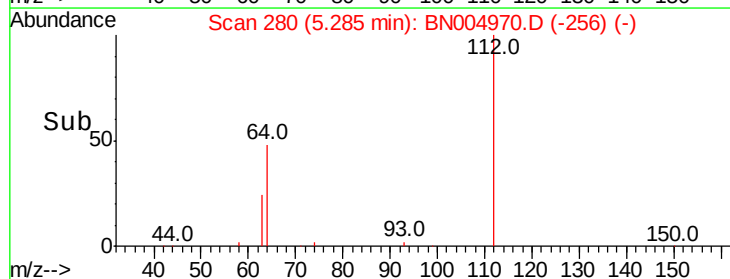
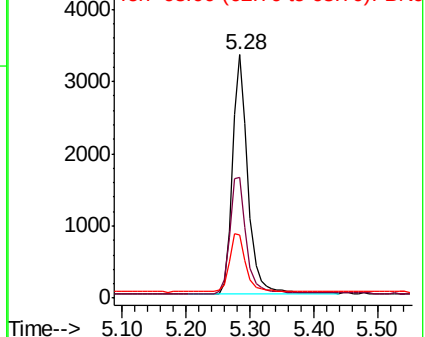
63 25.7 20.2 30.2

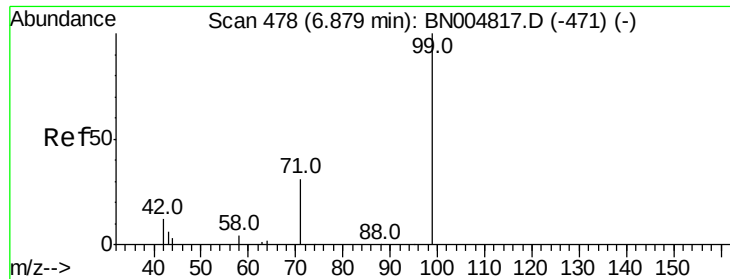


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.488 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

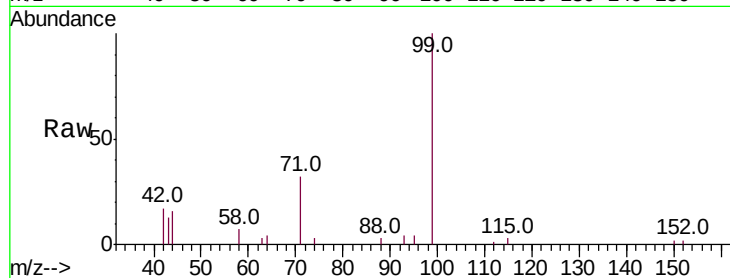
Tot Ion: 99 Resp: 6909

Ion Ratio Lower Upper

99 100

42 15.4 12.7 19.1

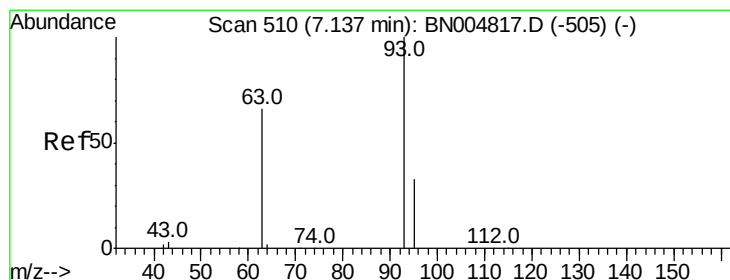
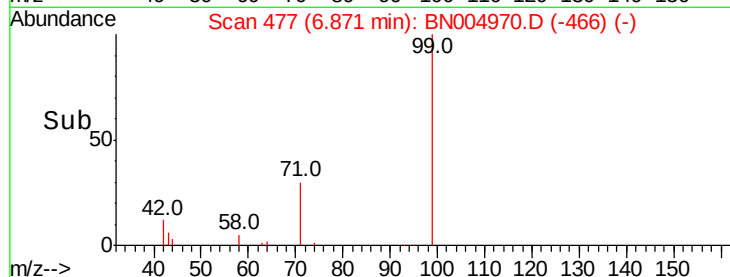
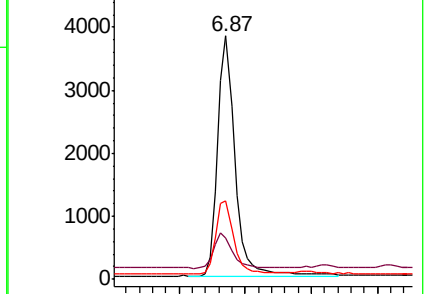
71 31.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.434 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

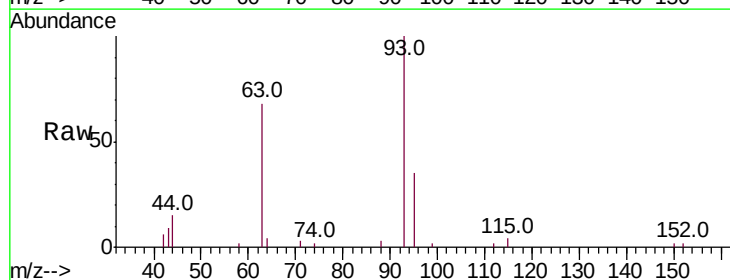
Tgt Ion: 93 Resp: 5552

Ion Ratio Lower Upper

93 100

63 68.8 52.6 78.8

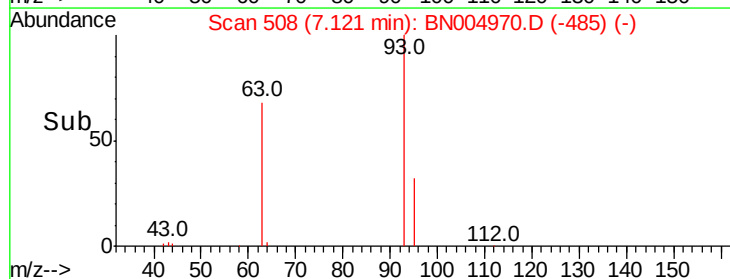
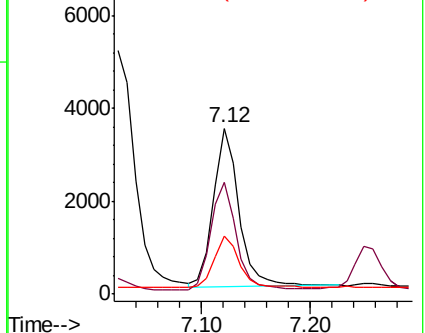
95 33.2 25.9 38.9

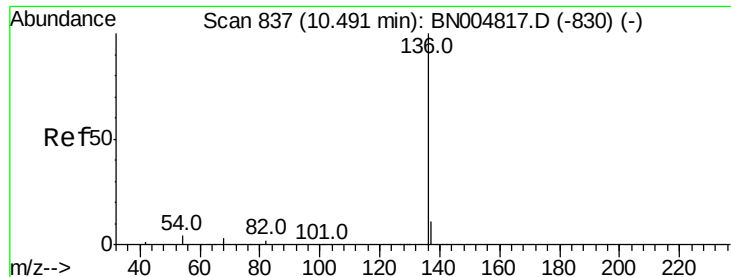


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 17706

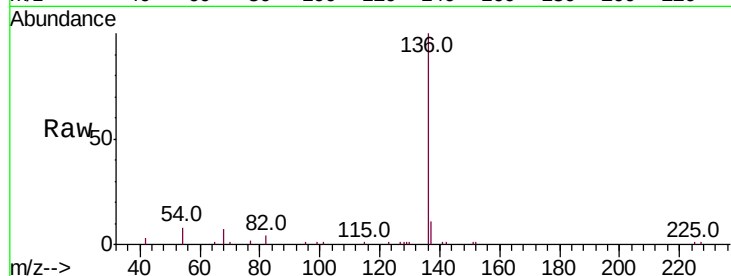
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 8.3 4.2 6.2#

68 6.9 3.9 5.9#

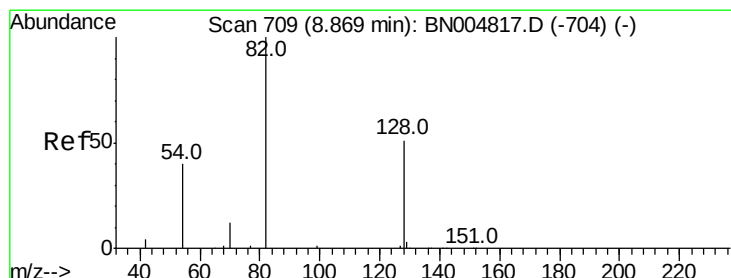
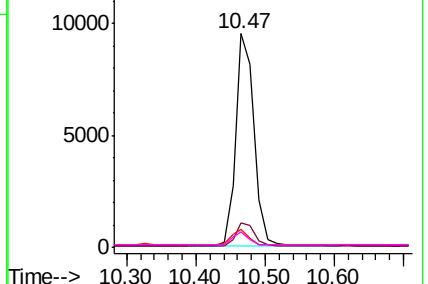
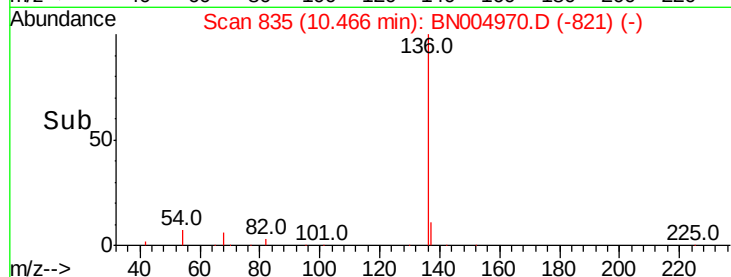


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.502 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

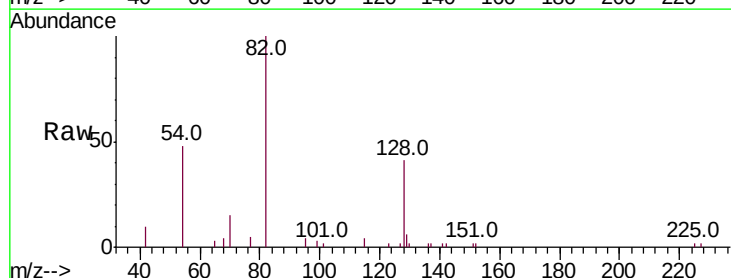
Tgt Ion: 82 Resp: 5876

Ion Ratio Lower Upper

82 100

128 41.0 43.0 64.6#

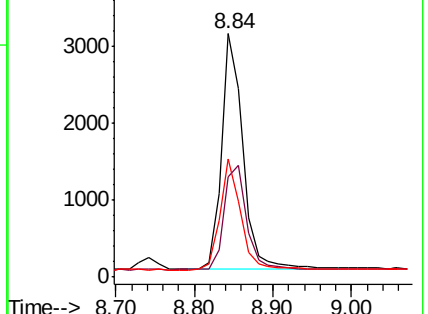
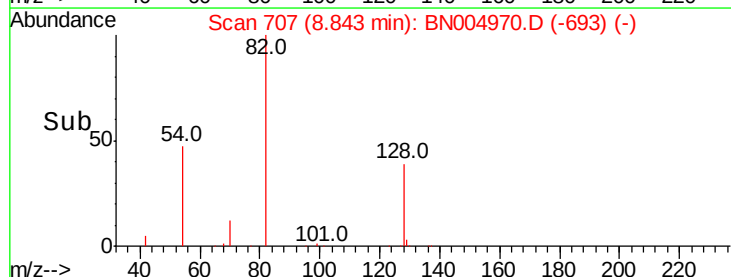
54 48.5 35.3 52.9

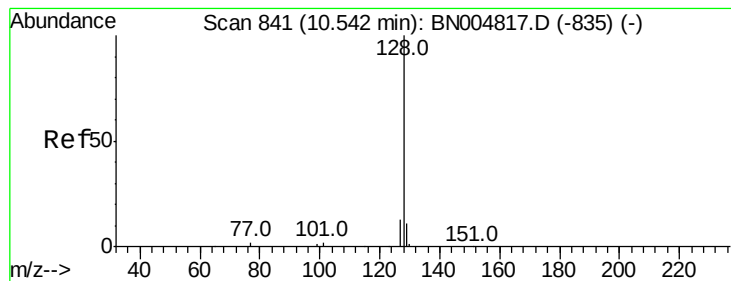


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

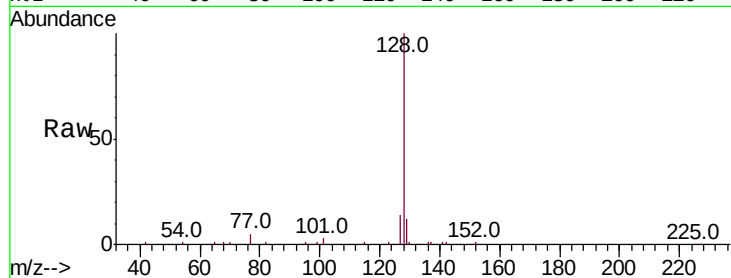
Tot Ion:128 Resp: 21428

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

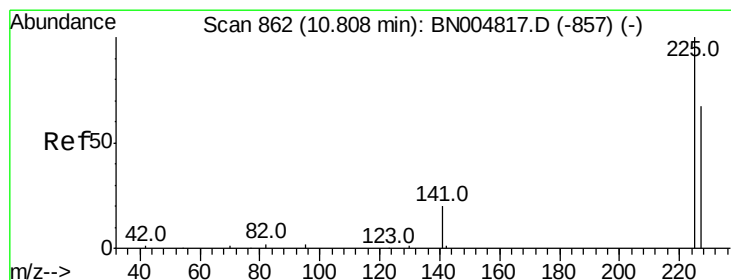
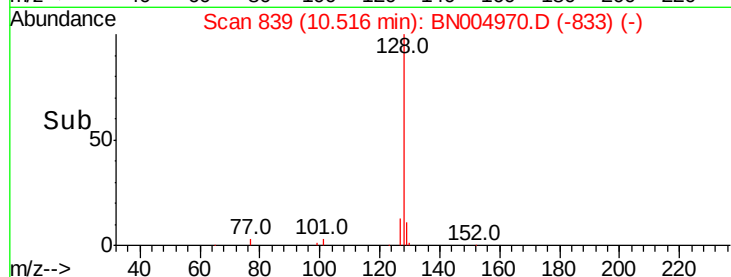
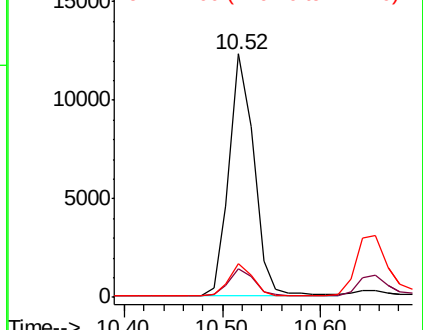
127 13.7 11.3 16.9



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: 0.422 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

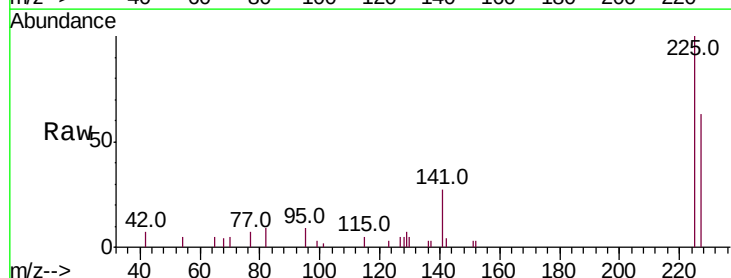
Tgt Ion:225 Resp: 4001

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

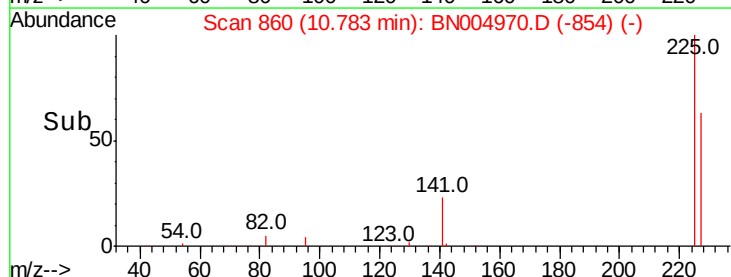
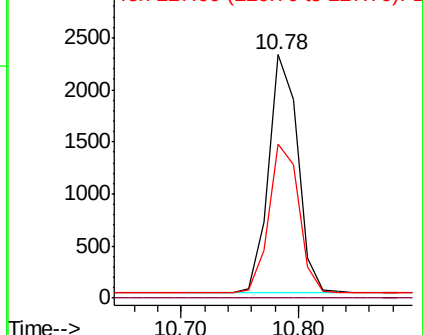
227 64.1 52.2 78.4

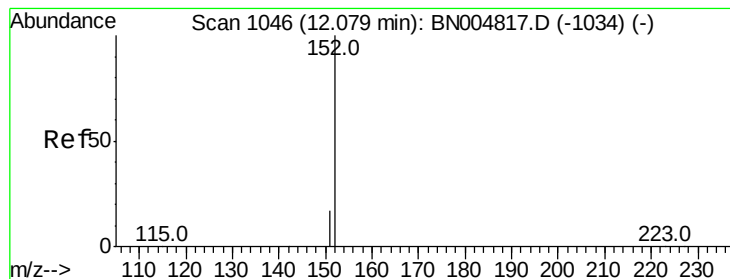


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.07 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

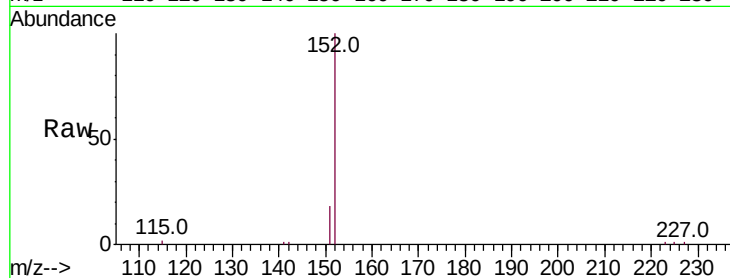
SSTDCCC0.4EC

Tot Ion:152 Resp: 12238

Ion Ratio Lower Upper

152 100

151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

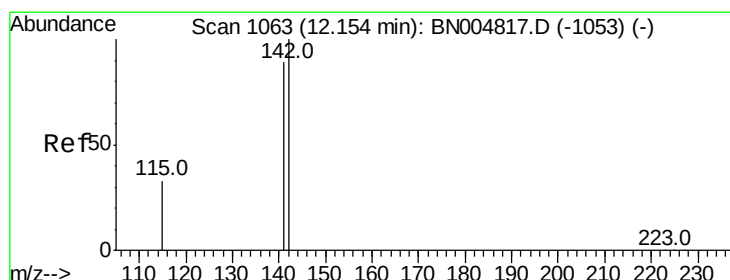
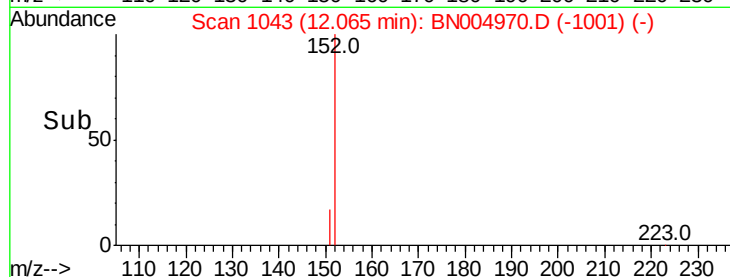
4000

2000

0

12.07

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.14 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

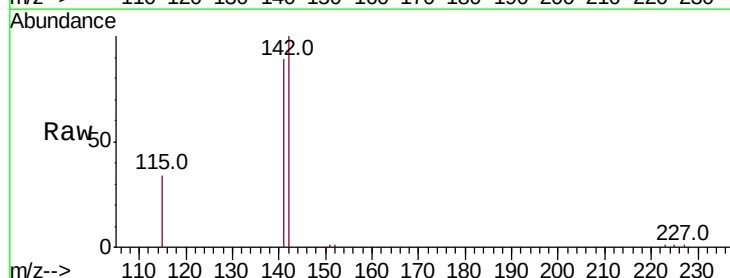
Tgt Ion:142 Resp: 14699

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

115 33.6 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

12000

10000

8000

6000

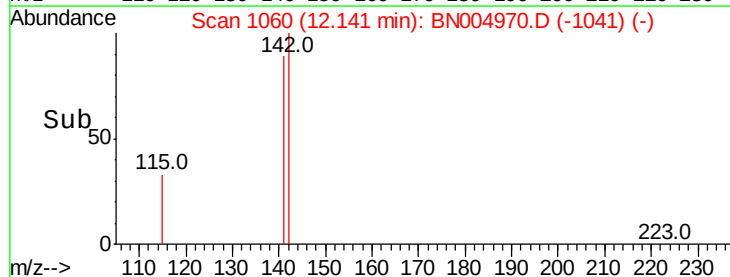
4000

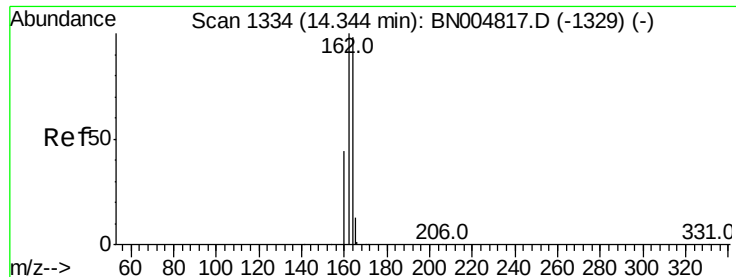
2000

0

12.14

Time--> 12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

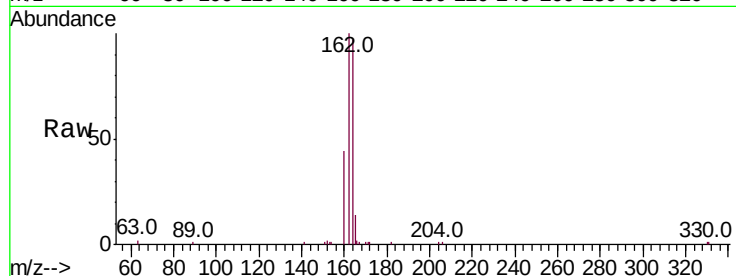
Tot Ion:164 Resp: 9047

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

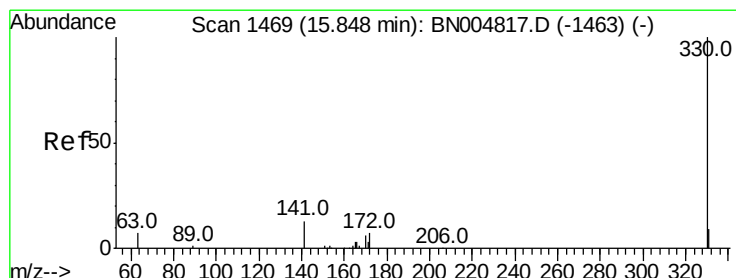
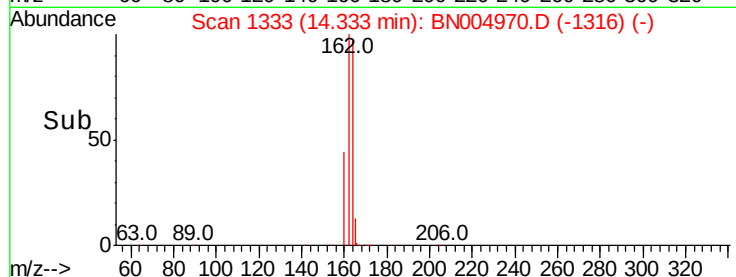
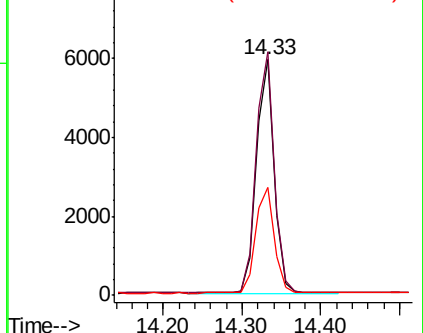
160 45.7 36.6 54.8



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: 0.374 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

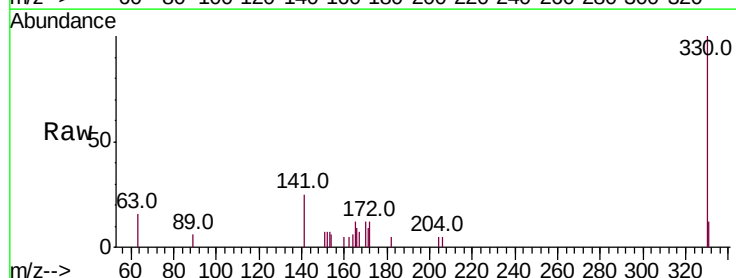
Tgt Ion:330 Resp: 2335

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

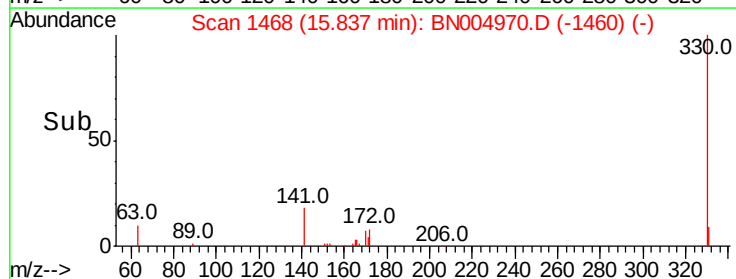
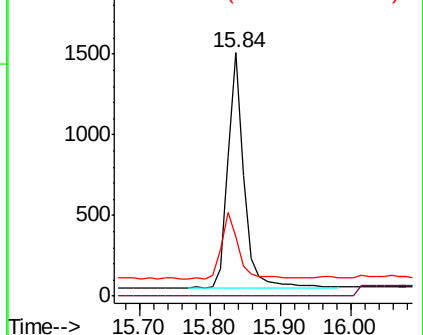
141 30.3 20.9 31.3

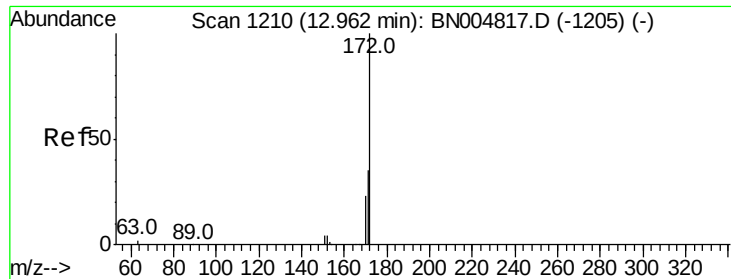


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



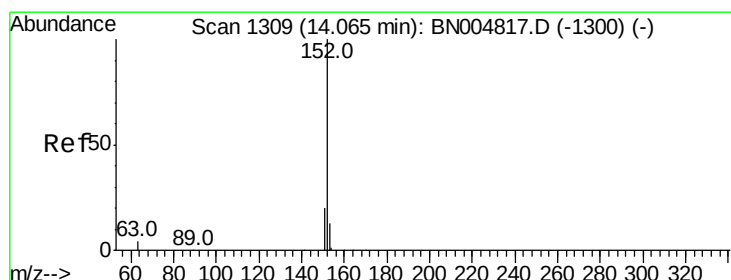
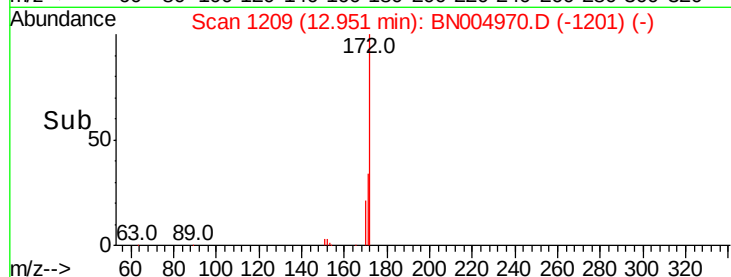
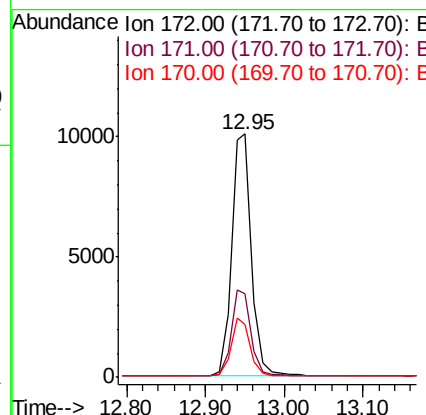
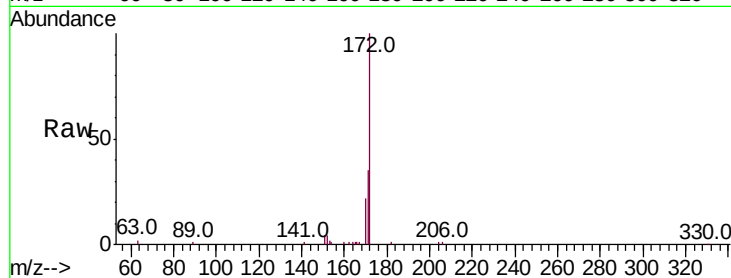


#15
2-Fluorobiphenyl
Concen: 0.479 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 17922

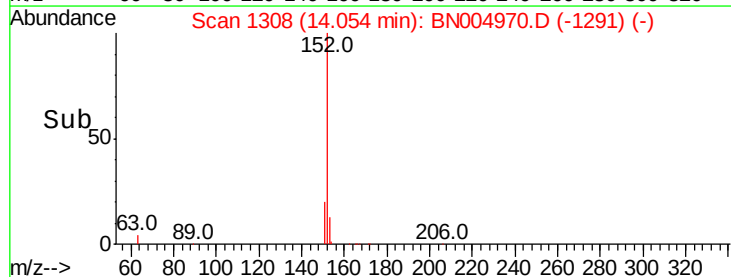
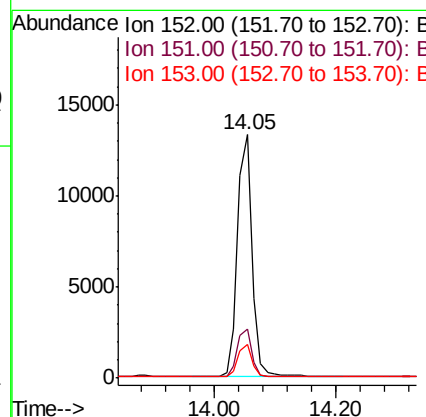
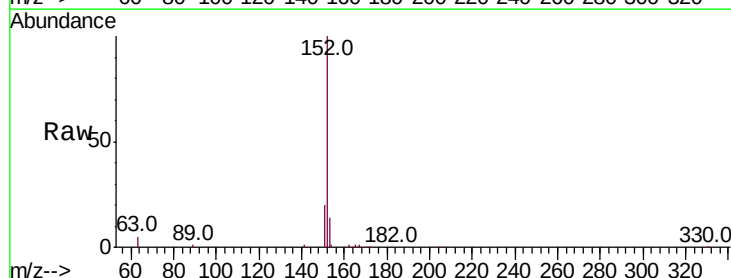
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	22.0	18.7	28.1

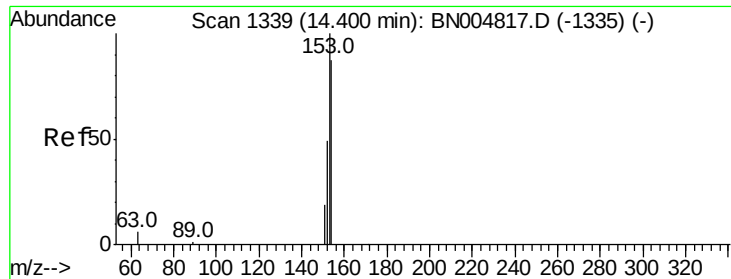


#16
Acenaphthylene
Concen: 0.472 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:152 Resp: 21991

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.1	10.5	15.7





#17

Acenaphthene

Concen: 0.434 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

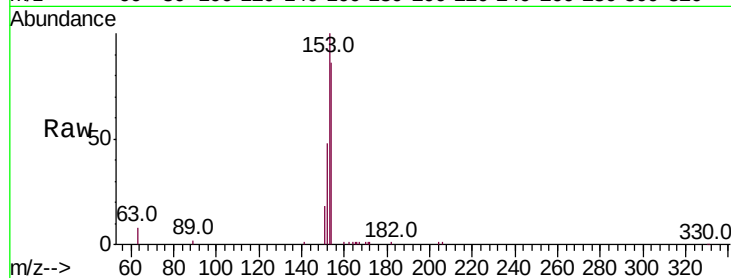
Tot Ion:154 Resp: 13232

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

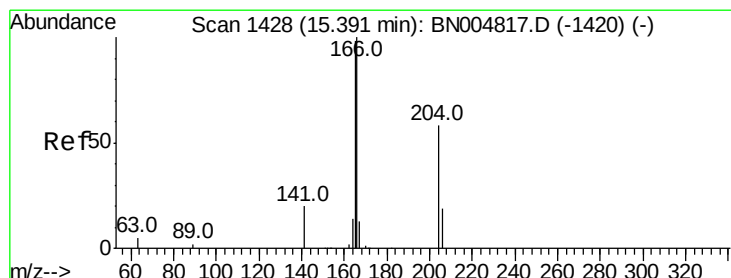
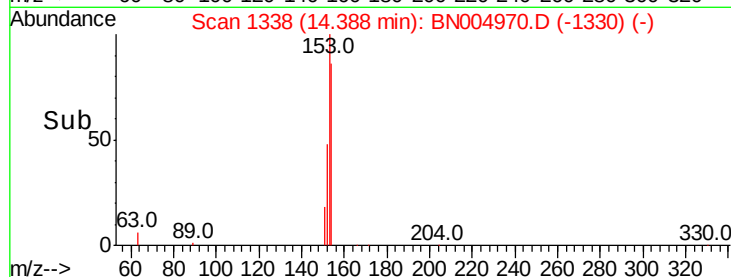
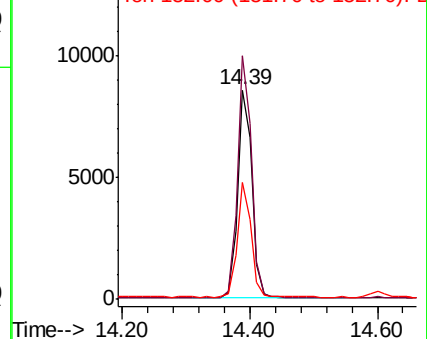
152 53.7 44.2 66.2



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: 0.388 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

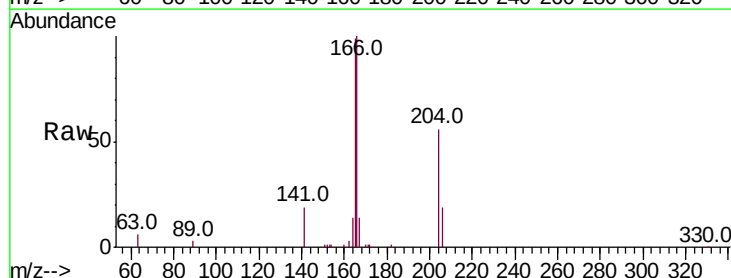
Tgt Ion:166 Resp: 16539

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.4

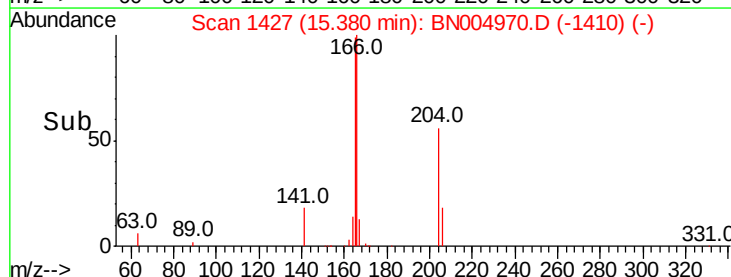
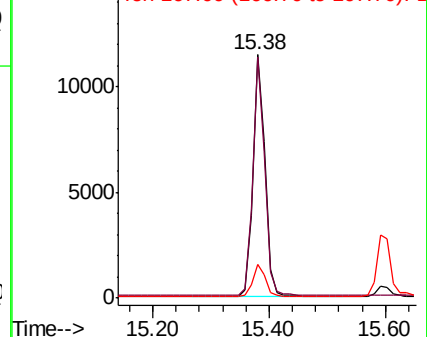
167 13.5 11.0 16.4

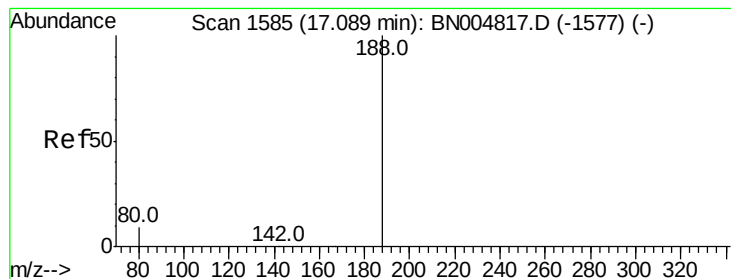


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

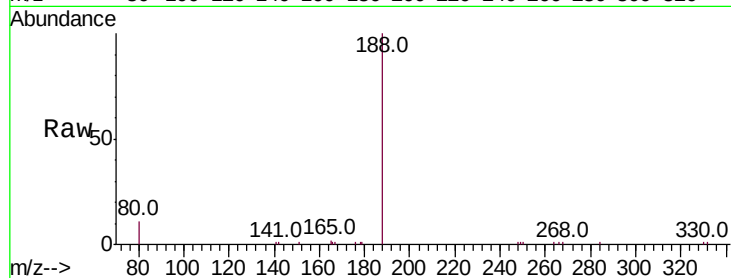
Tot Ion:188 Resp: 17674

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

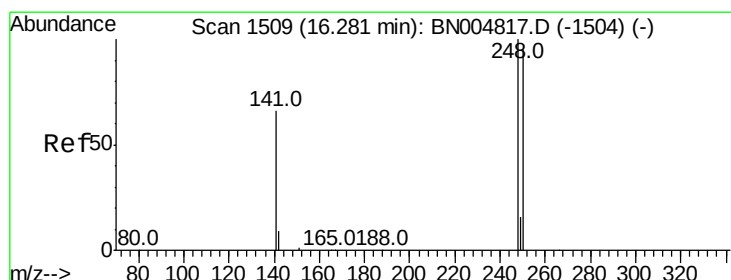
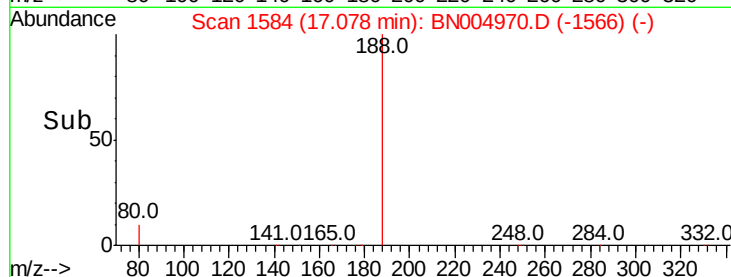
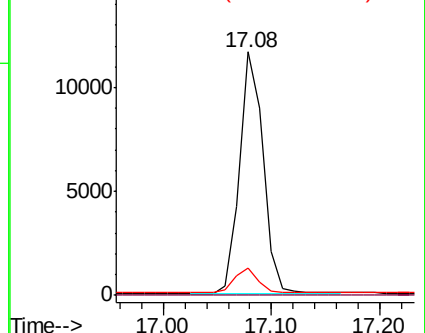
80 11.4 7.4 11.2#



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: 0.478 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

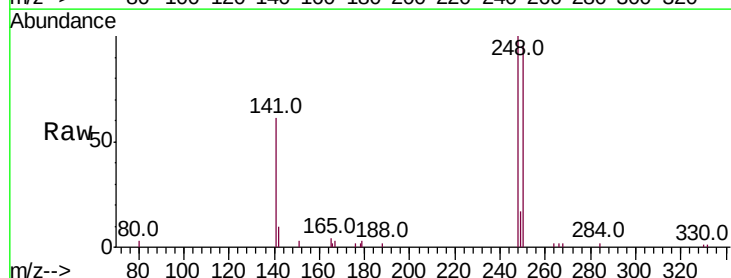
Tgt Ion:248 Resp: 5523

Ion Ratio Lower Upper

248 100

250 94.9 76.2 114.4

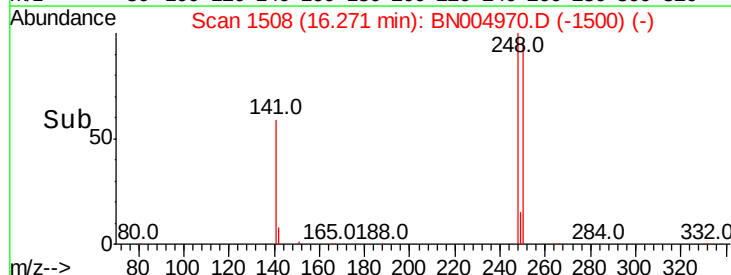
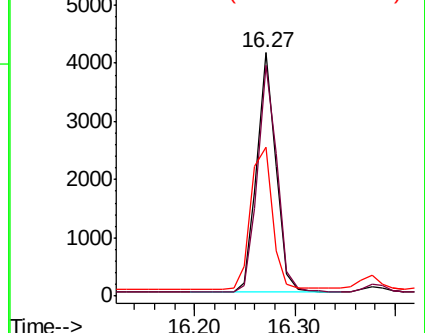
141 61.2 53.9 80.9

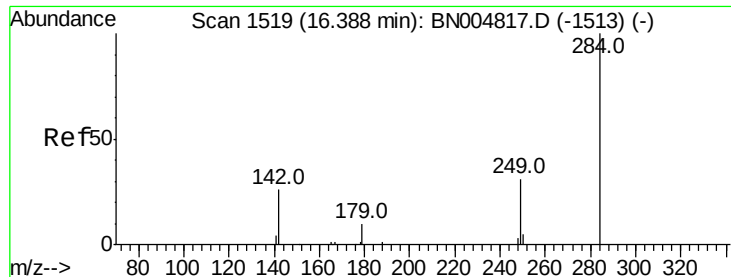


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

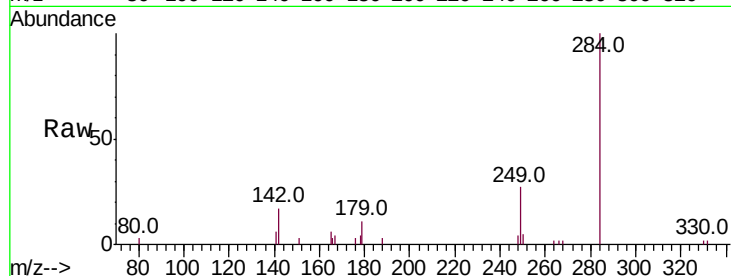
Tot Ion:284 Resp: 5556

Ion Ratio Lower Upper

284 100

142 32.1 22.6 34.0

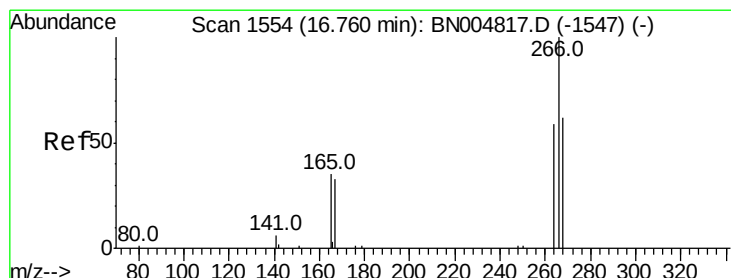
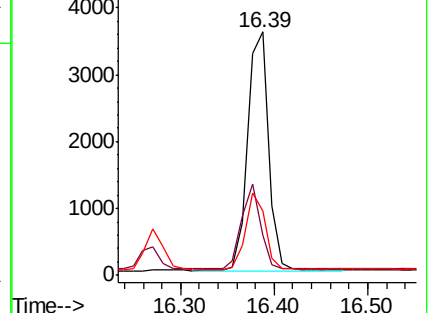
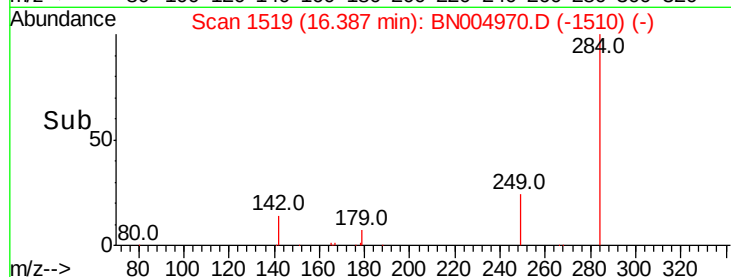
249 29.7 22.5 33.7



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: 0.470 ng m

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

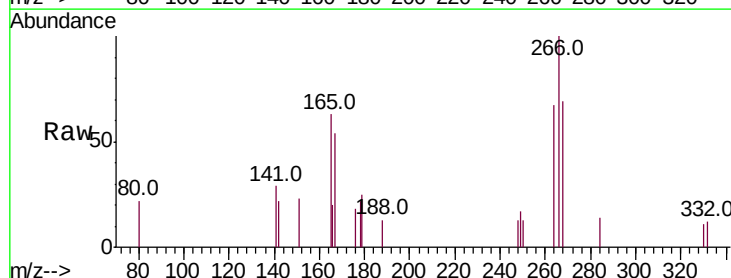
Tgt Ion:266 Resp: 1214

Ion Ratio Lower Upper

266 100

264 67.1 53.1 79.7

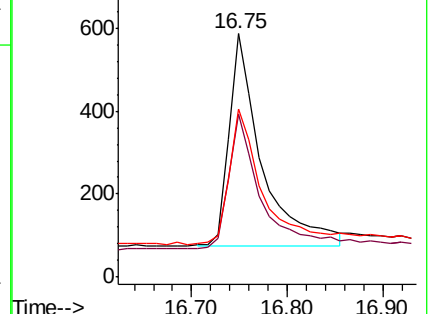
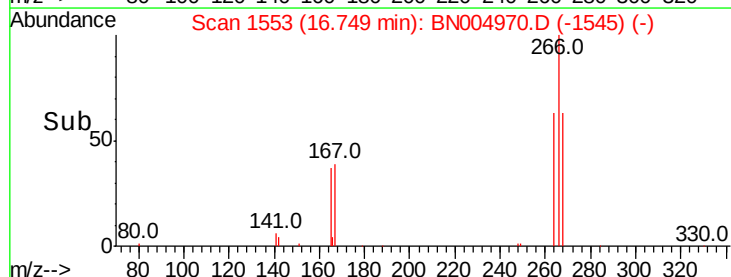
268 69.2 57.7 86.5

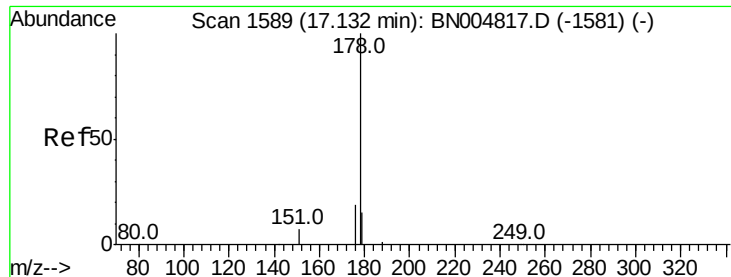


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.412 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

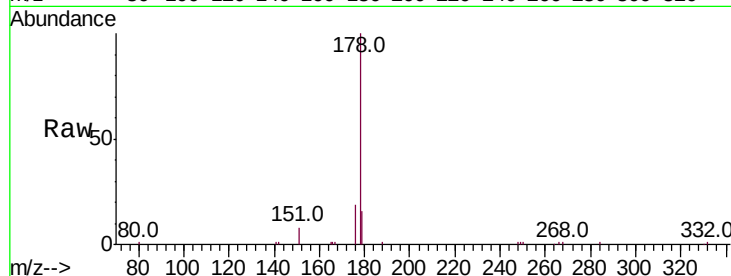
Tot Ion:178 Resp: 23488

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

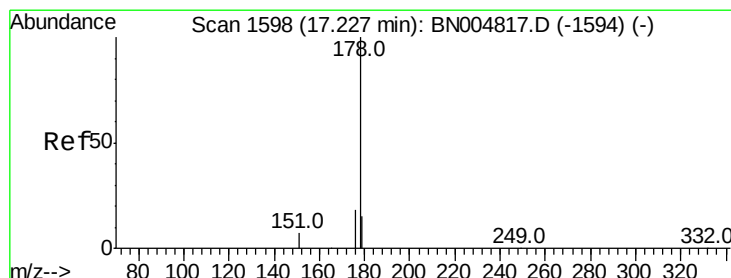
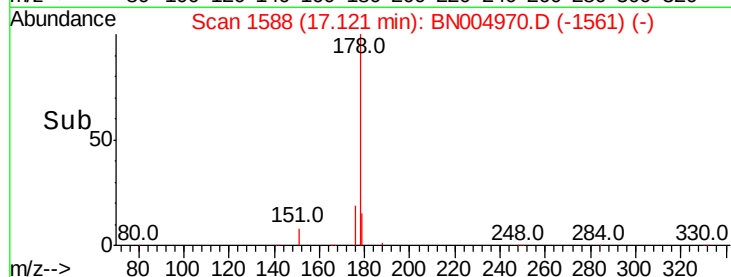
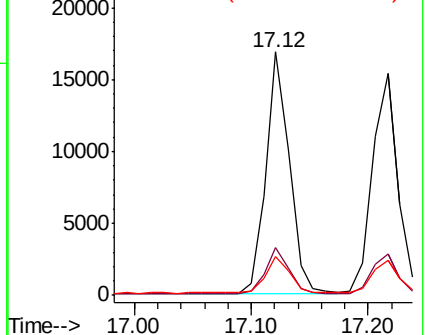
179 15.7 12.1 18.1



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: 0.455 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

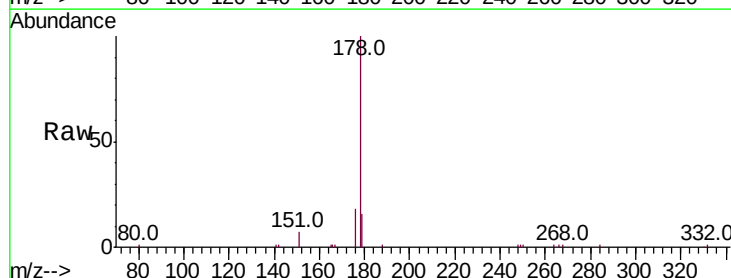
Tgt Ion:178 Resp: 23172

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

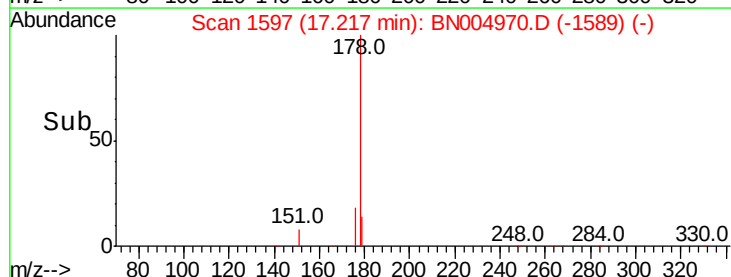
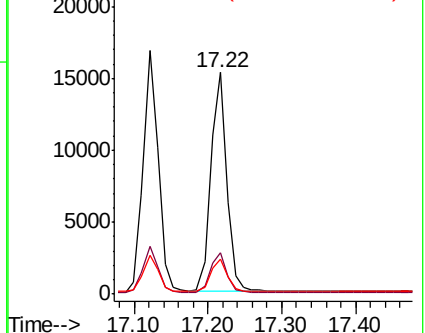
179 15.3 12.2 18.4

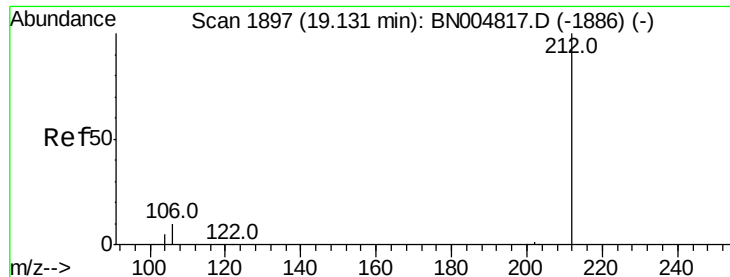


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

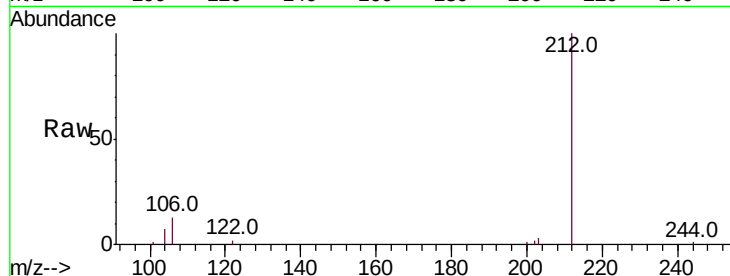
Tot Ion:212 Resp: 20998

Ion Ratio Lower Upper

212 100

106 12.5 8.6 13.0

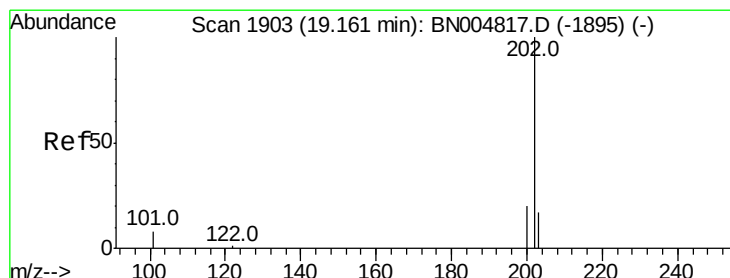
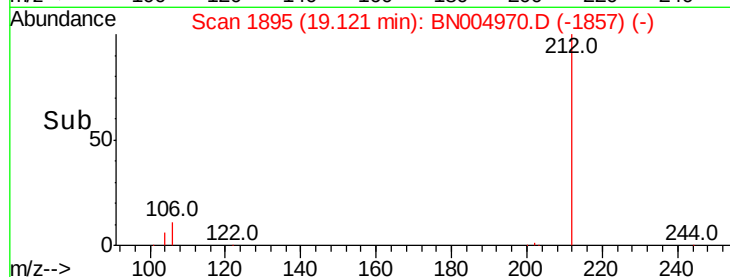
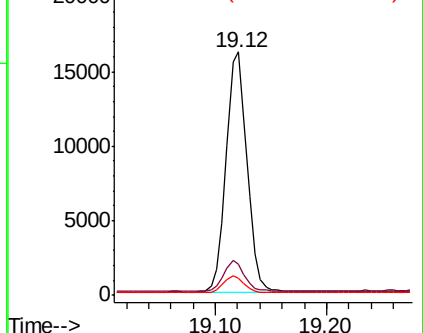
104 7.1 4.7 7.1#



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: 0.352 ng

RT: 19.15 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

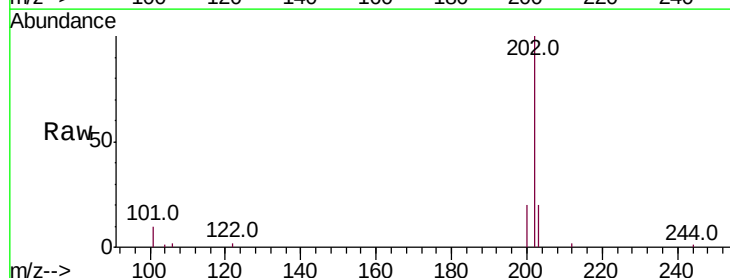
Tgt Ion:202 Resp: 25834

Ion Ratio Lower Upper

202 100

101 11.4 7.5 11.3#

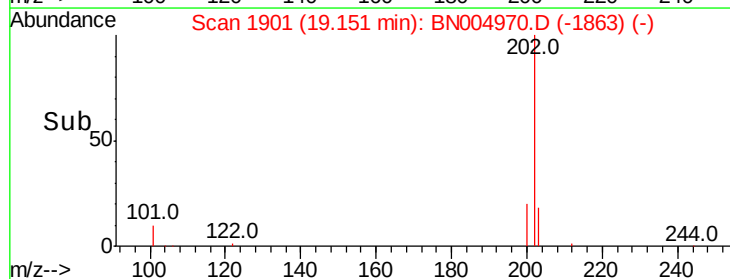
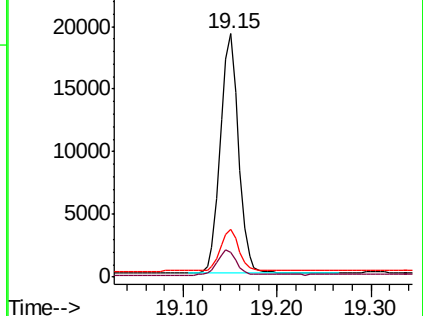
203 17.4 13.8 20.6

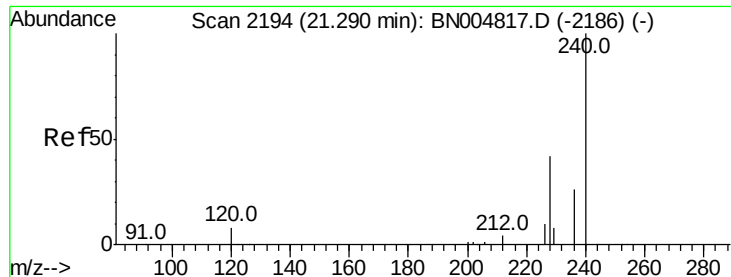


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

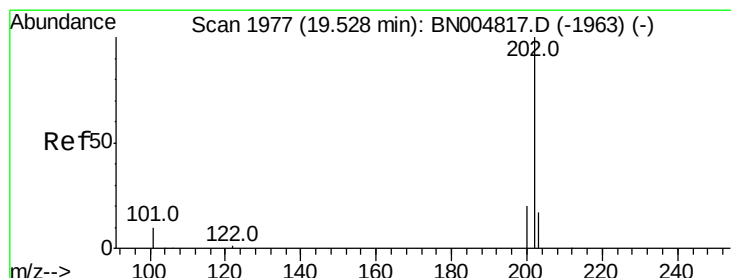
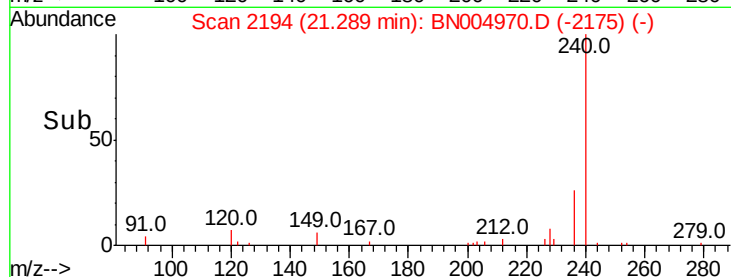
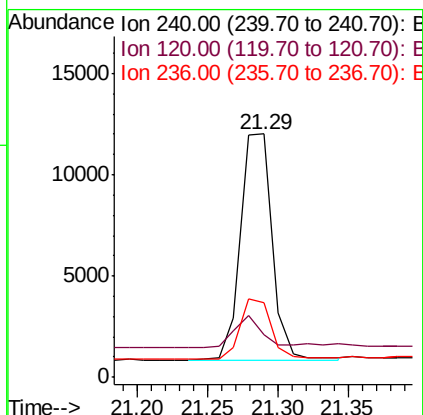
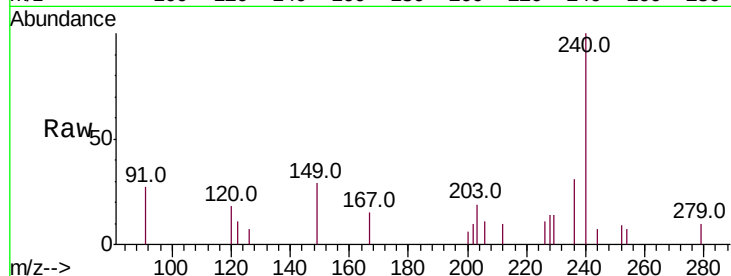




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

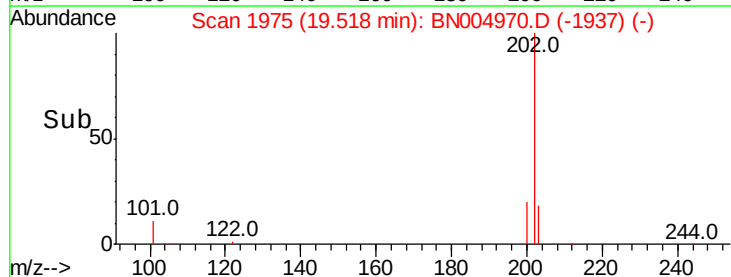
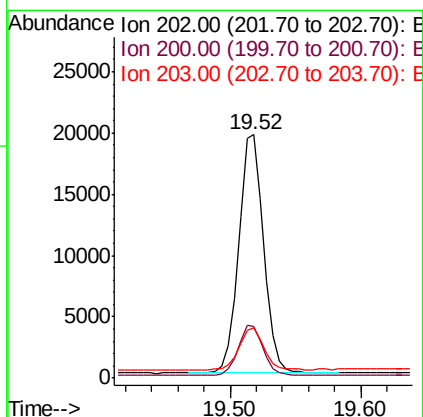
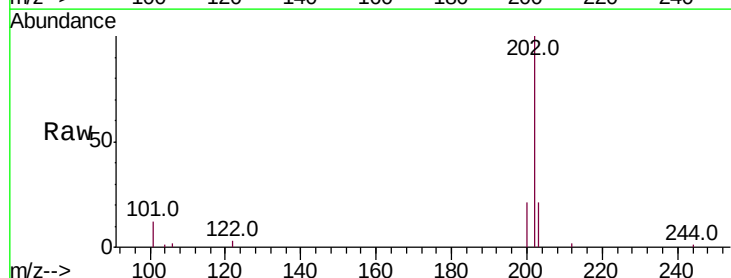
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

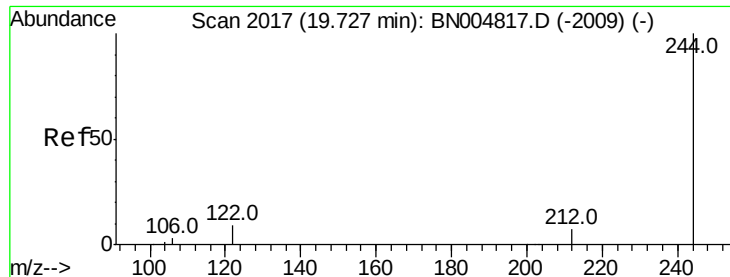
Tot Ion:240 Resp: 17416
Ion Ratio Lower Upper
240 100
120 17.6 7.2 10.8#
236 30.8 20.9 31.3



#28
Pyrene
Concen: 0.490 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:202 Resp: 26034
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.505 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

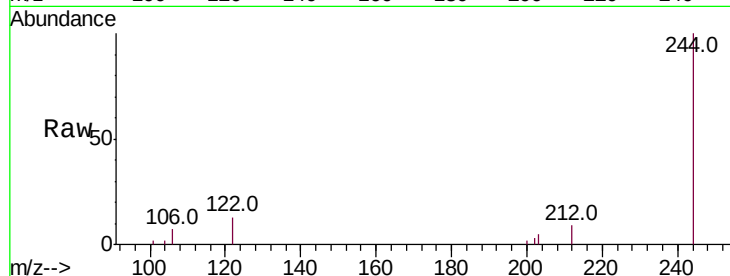
Tot Ion:244 Resp: 18012

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

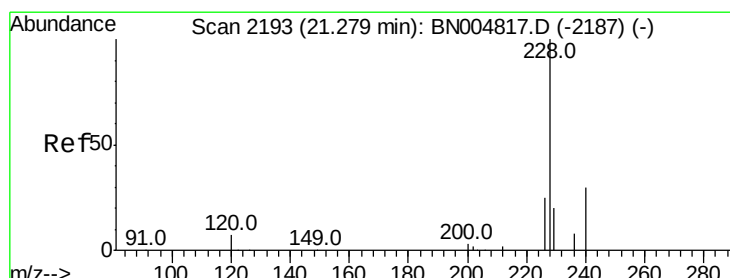
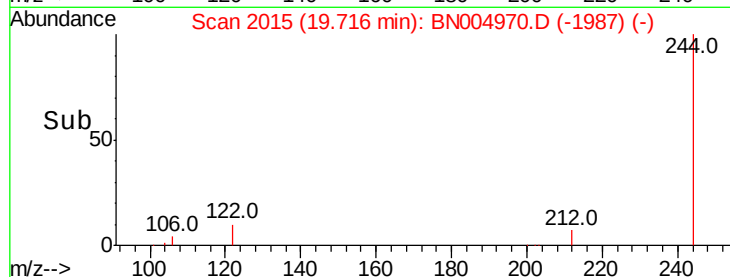
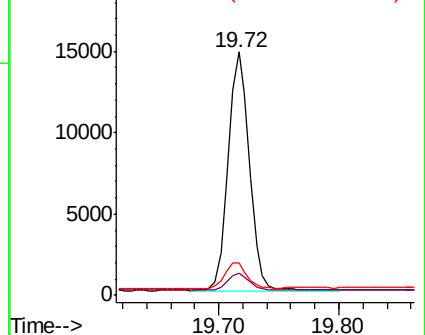
122 13.1 7.9 11.9#



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: 0.447 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

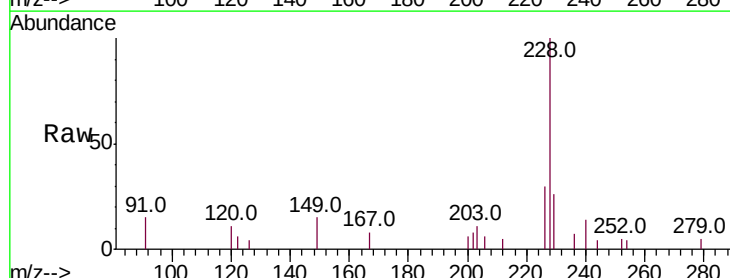
Tgt Ion:228 Resp: 25535

Ion Ratio Lower Upper

228 100

226 30.5 20.6 31.0

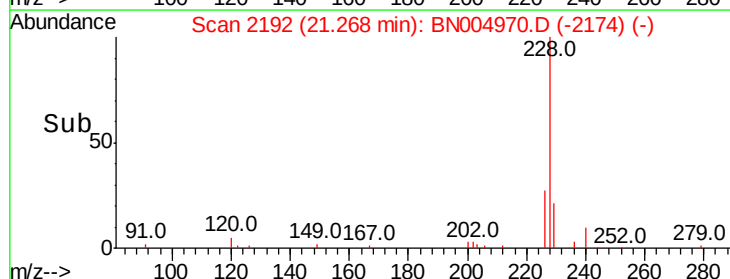
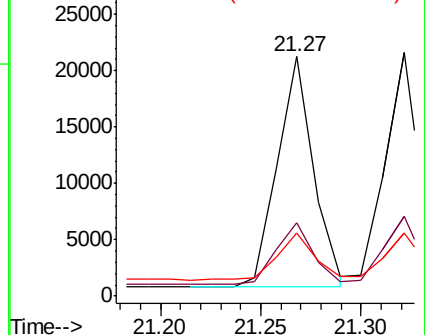
229 26.1 16.2 24.4#

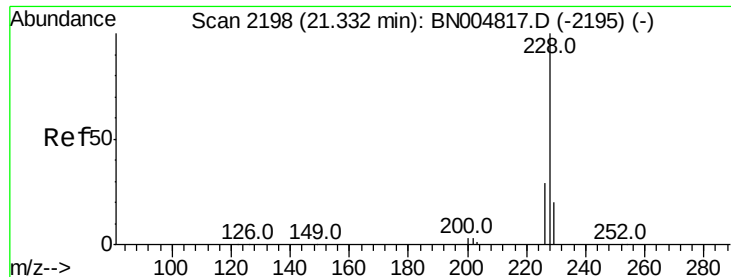


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

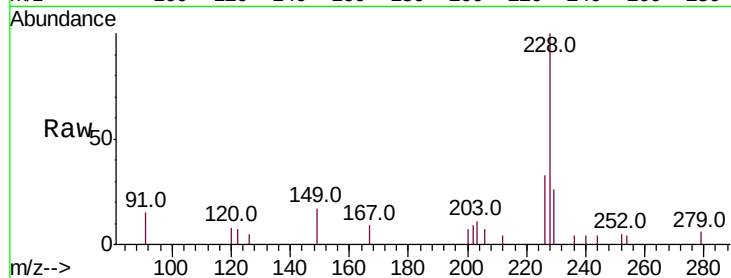
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 24728

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.6
229	25.9	16.2	24.2

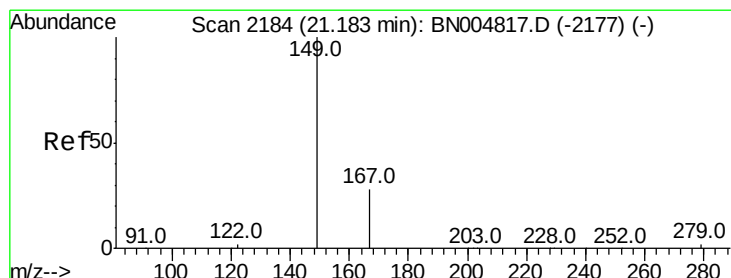
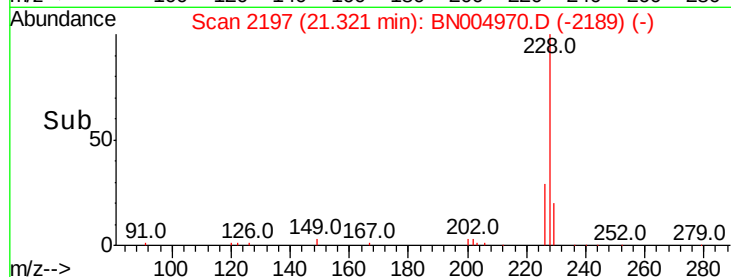
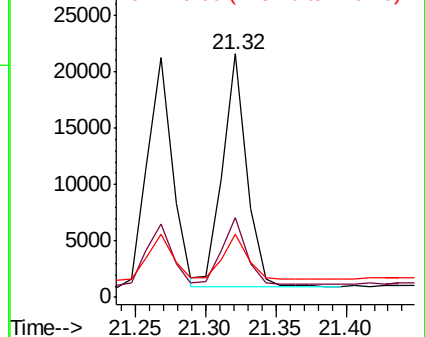


Abundance

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: 0.784 ng

RT: 21.18 min Scan# 2184

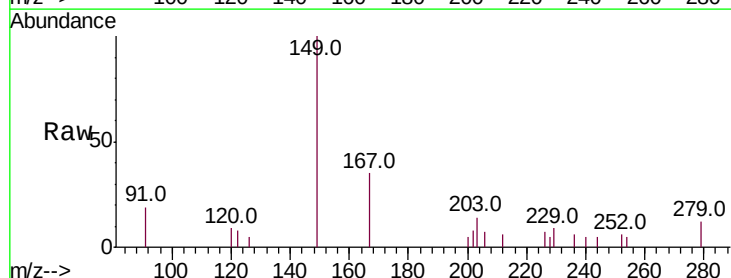
Delta R.T. -0.00 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Tgt Ion:149 Resp: 17886

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.0	34.4
279	7.6	4.6	6.8

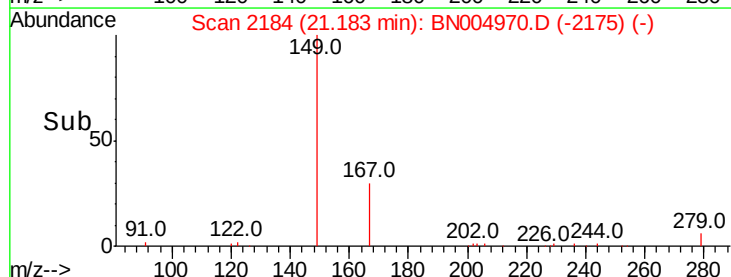
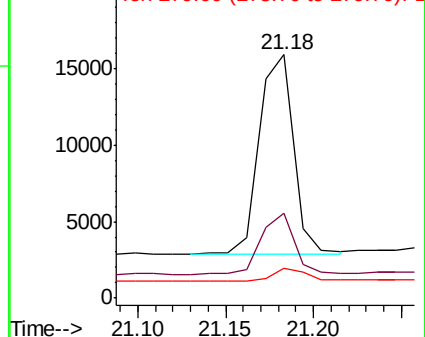


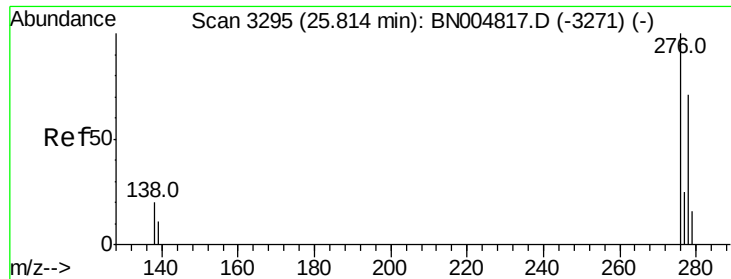
Abundance

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: 0.397 ng

RT: 25.81 min Scan# 3294

Delta R.T. -0.00 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

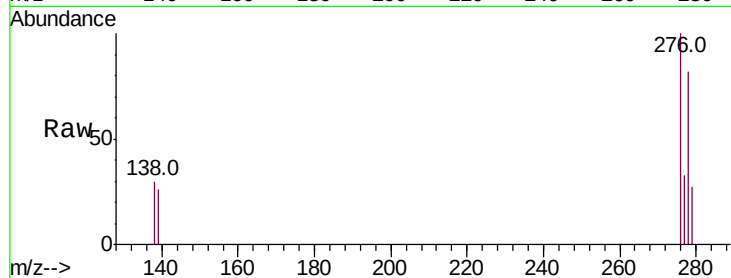
Tot Ion:276 Resp: 34519

Ion Ratio Lower Upper

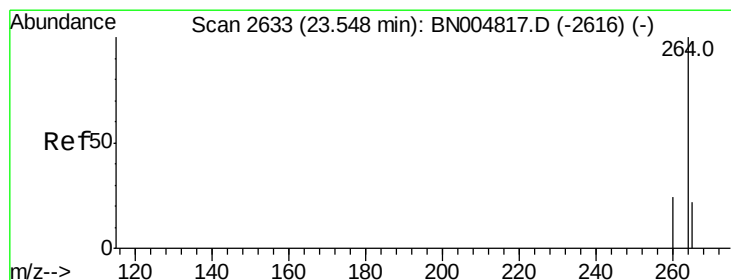
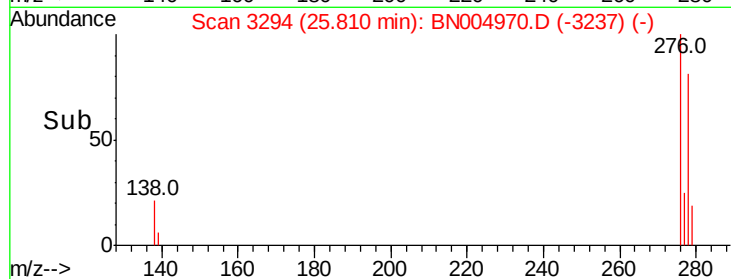
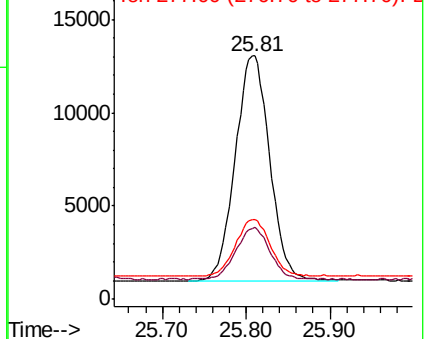
276 100

138 22.5 16.6 24.8

277 24.8 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# 2630

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

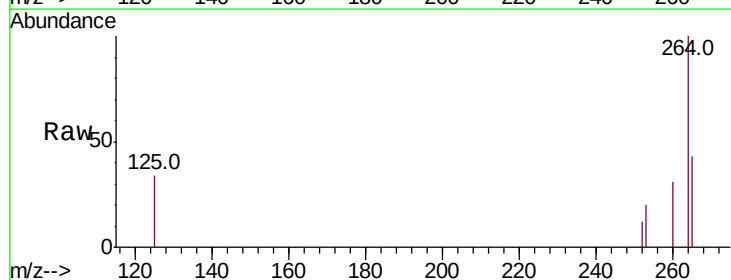
Tgt Ion:264 Resp: 19273

Ion Ratio Lower Upper

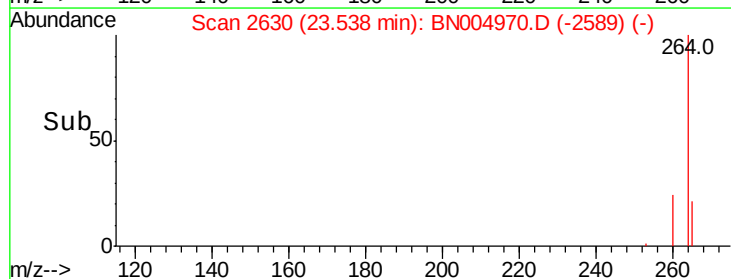
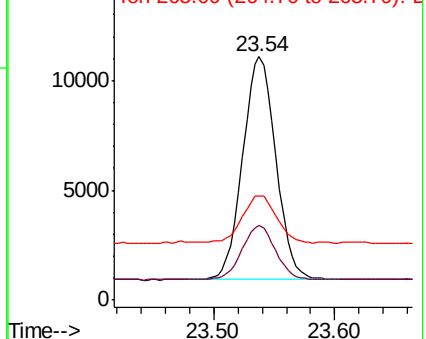
264 100

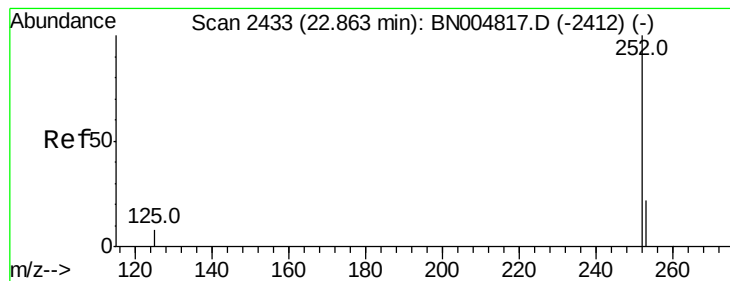
260 30.8 19.5 29.3#

265 42.5 23.1 34.7#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.409 ng

RT: 22.86 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

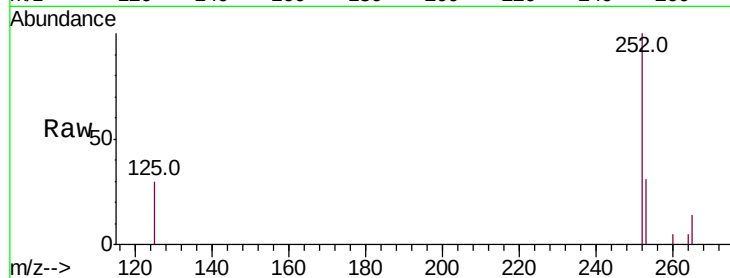
Tot Ion:252 Resp: 28512

Ion Ratio Lower Upper

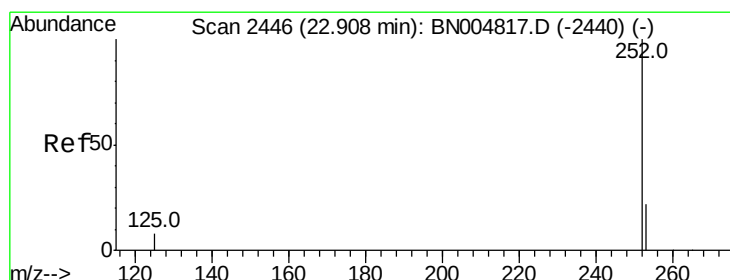
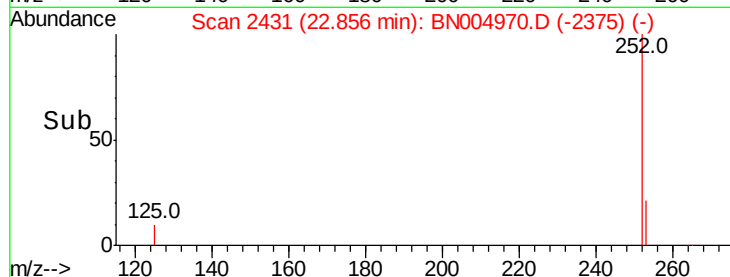
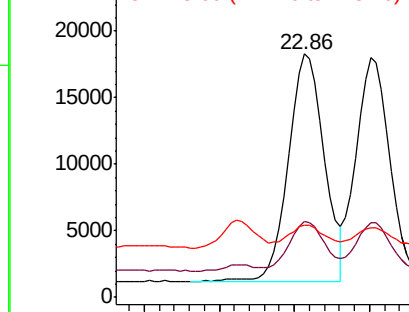
252 100

253 30.9 19.0 28.4#

125 29.8 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: 0.388 ng

RT: 22.90 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN004970.D

Acq: 25 Mar 2019 20:39

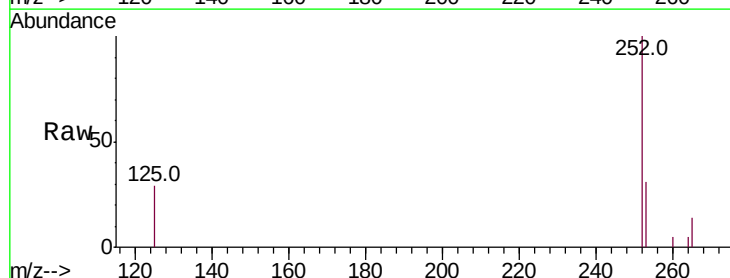
Tgt Ion:252 Resp: 26616

Ion Ratio Lower Upper

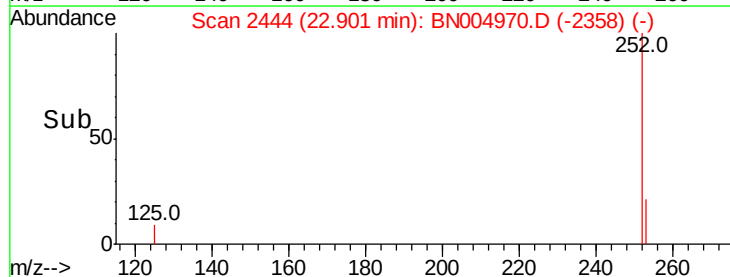
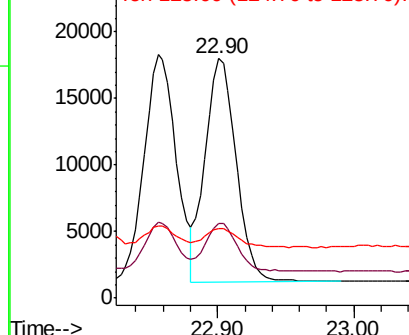
252 100

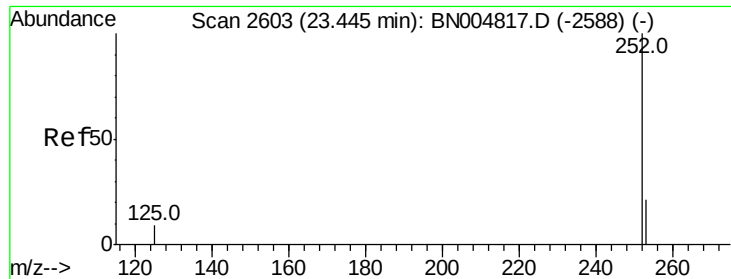
253 31.3 19.3 28.9#

125 29.2 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

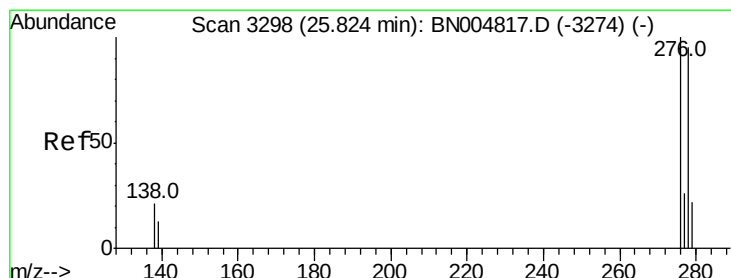
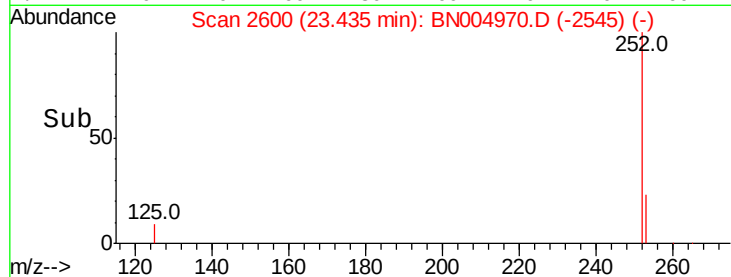
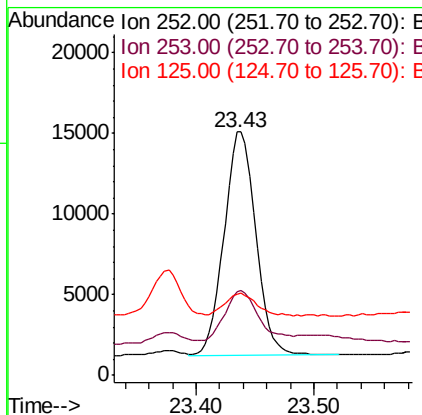
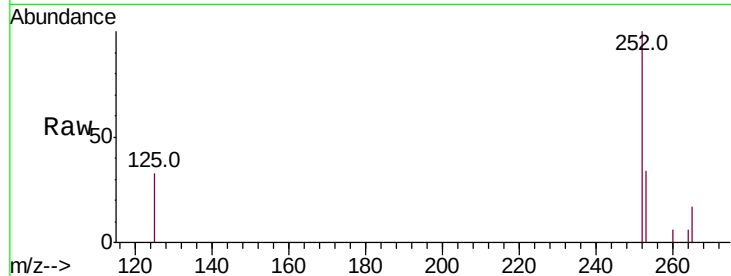




#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

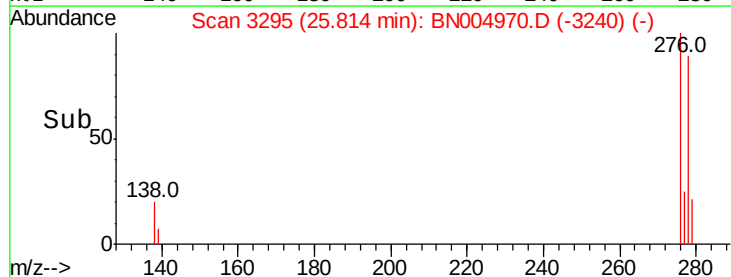
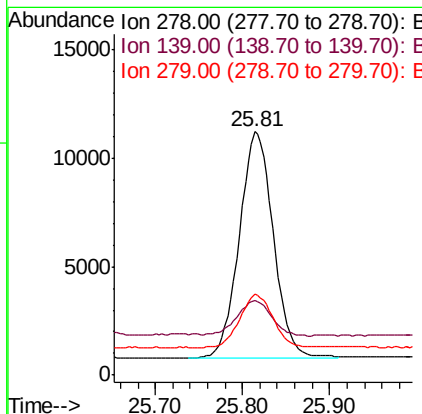
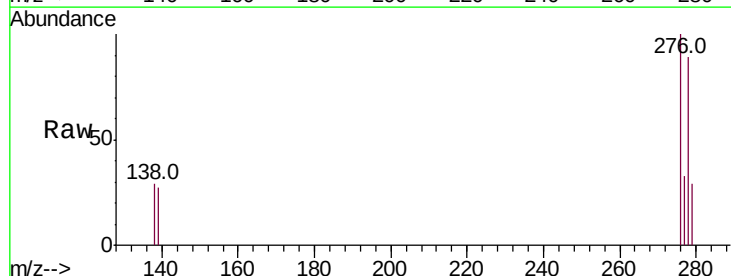
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

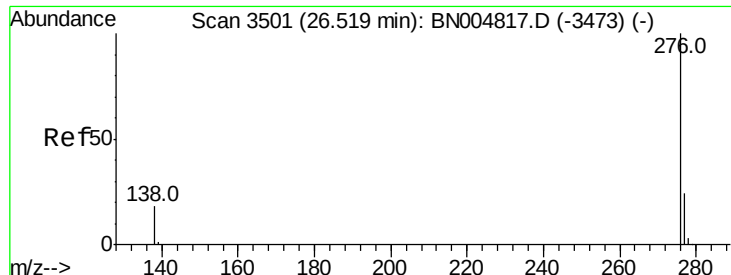
Tot Ion:252 Resp: 25868
Ion Ratio Lower Upper
252 100
253 34.3 19.7 29.5#
125 33.5 8.3 12.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:278 Resp: 28298
Ion Ratio Lower Upper
278 100
139 30.4 11.7 17.5#
279 33.0 19.9 29.9#





#39

Benzo(a,h,i)perylene

Concen: 0.379 ng

RT: 26.51 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BN004970.D

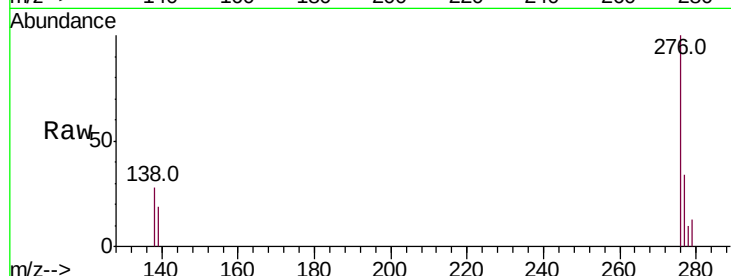
Acq: 25 Mar 2019 20:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 28630

Ion Ratio Lower Upper

276 100

277 33.7 19.7 29.5#

138 28.1 14.6 22.0#

