

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006620.D
 Acq On : 28 Jun 2019 19:17
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 29 01:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3834	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16462	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	10485	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	24617	0.40	ng	0.00
27) Chrysene-d12	21.25	240	24532	0.40	ng	-0.02
34) Perylene-d12	23.48	264	25658	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3235	0.34	ng	0.00
5) Phenol-d6	6.83	99	4417	0.35	ng	0.00
8) Nitrobenzene-d5	8.81	82	3883	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	10521	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1699	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	15599	0.40	ng	0.00
25) Fluoranthene-d10	19.08	212	28694	0.40	ng	0.00
29) Terphenyl-d14	19.68	244	20936	0.41	ng	0.00

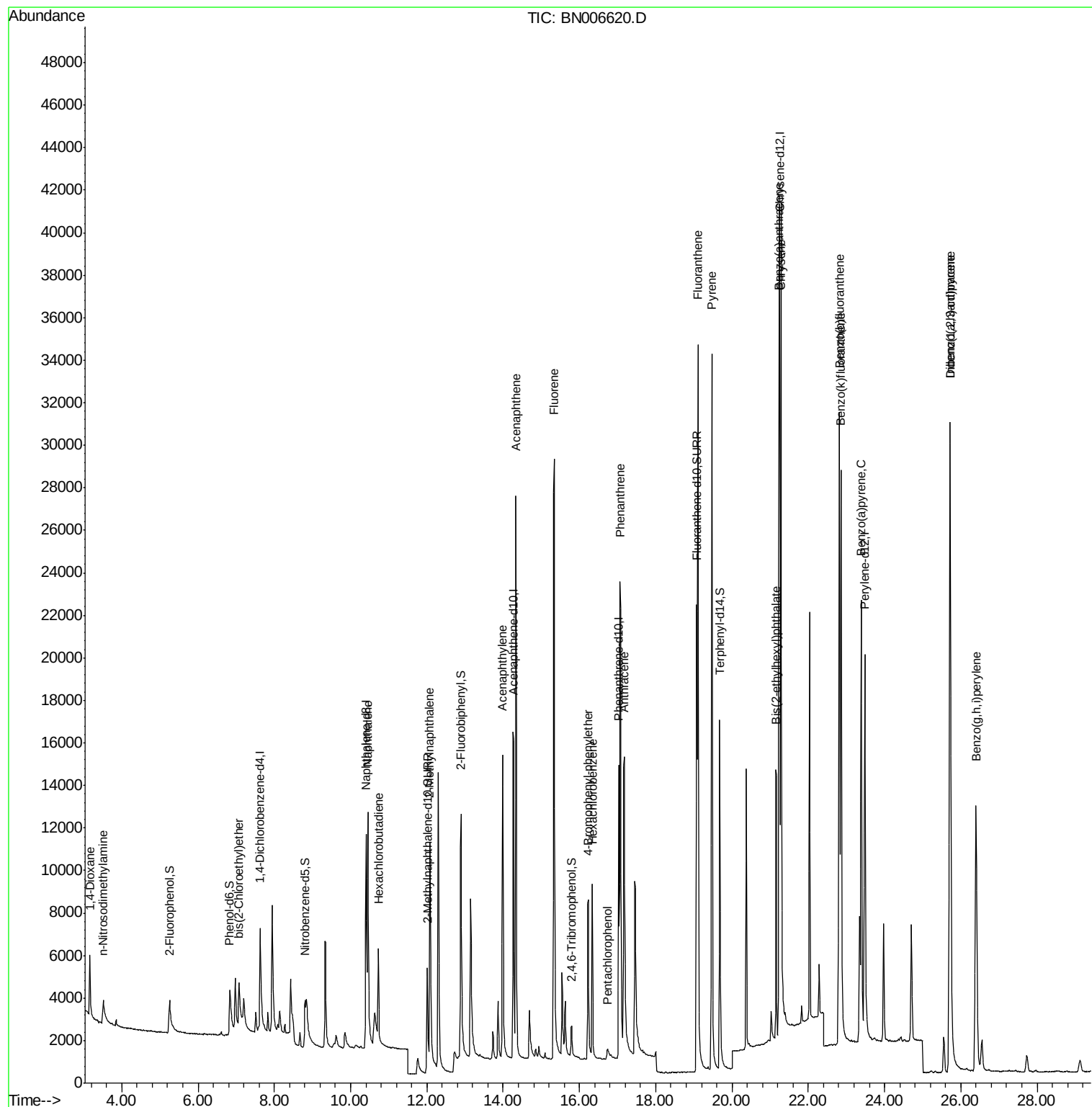
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2062	0.389	ng	96
3) n-Nitrosodimethylamine	3.51	42	1298	0.311	ng	95
6) bis(2-Chloroethyl)ether	7.07	93	4181	0.377	ng	97
9) Naphthalene	10.45	128	17857	0.413	ng	100
10) Hexachlorobutadiene	10.73	225	3777	0.425	ng	# 100
12) 2-Methylnaphthalene	12.08	142	12284	0.411	ng	99
16) Acenaphthylene	13.99	152	19238	0.385	ng	100
17) Acenaphthene	14.33	154	13747	0.417	ng	99
18) Fluorene	15.34	166	16968	0.408	ng	99
20) 4-Bromophenyl-phenylether	16.23	248	5379	0.394	ng	99
21) Hexachlorobenzene	16.35	284	7217	0.419	ng	100
22) Pentachlorophenol	16.74	266	829	0.403	ng	96
23) Phenanthrene	17.07	178	28287	0.404	ng	100
24) Anthracene	17.17	178	22954	0.378	ng	99
26) Fluoranthene	19.11	202	34585	0.407	ng	100
28) Pyrene	19.47	202	35568	0.414	ng	100
30) Benzo(a)anthracene	21.24	228	32030	0.399	ng	99
31) Chrysene	21.29	228	34671	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	13250	0.328	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	35919	0.410	ng	100
35) Benzo(b)fluoranthene	22.82	252	37770	0.433	ng	100
36) Benzo(k)fluoranthene	22.86	252	39251	0.422	ng	100
37) Benzo(a)pyrene	23.39	252	34462	0.422	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	28912	0.406	ng	100
39) Benzo(g,h,i)perylene	26.40	276	28597	0.402	ng	99

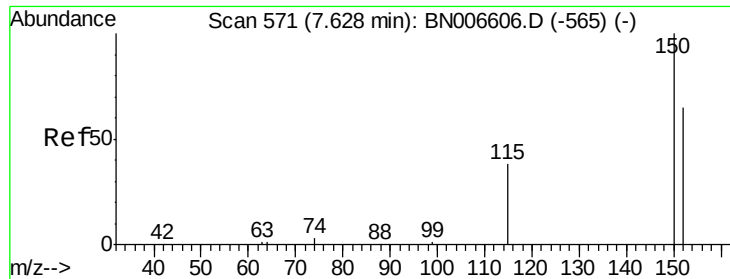
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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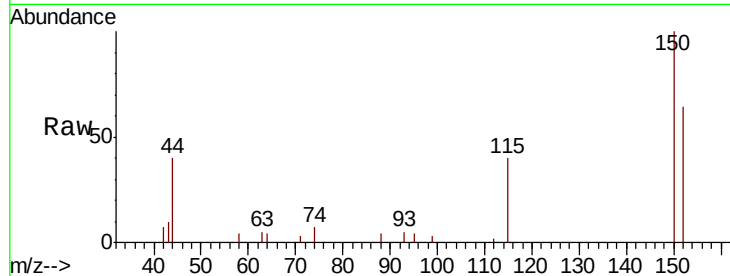


#1

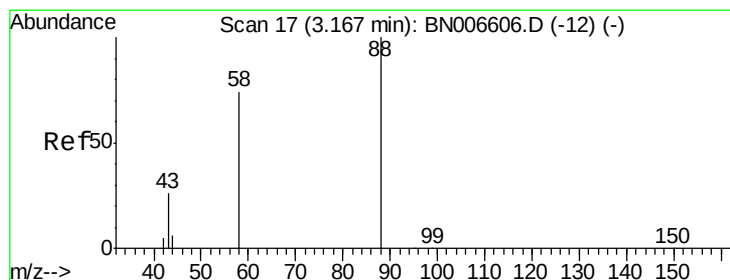
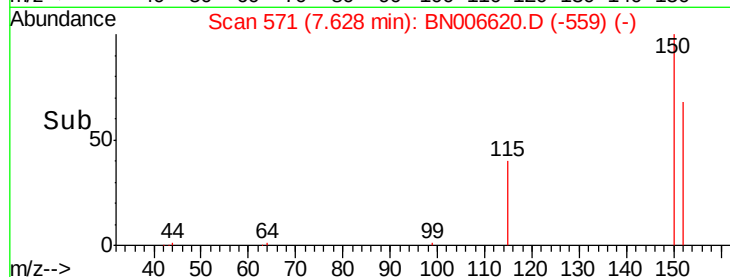
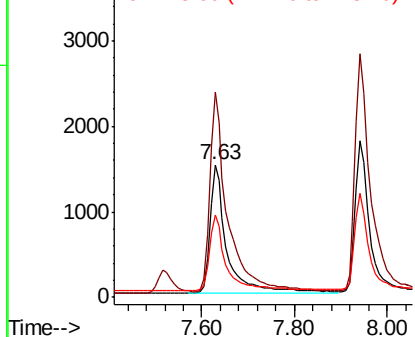
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 3834
Ion Ratio Lower Upper
152 100
150 155.5 122.2 183.2
115 62.0 50.0 75.0



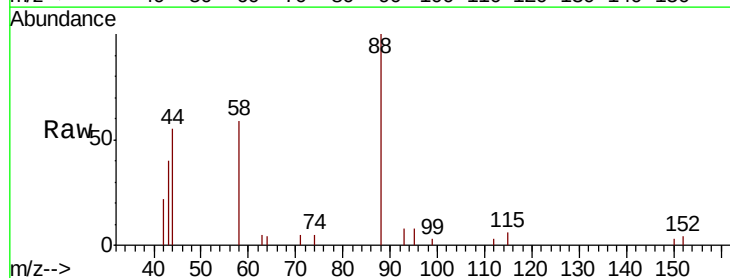
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



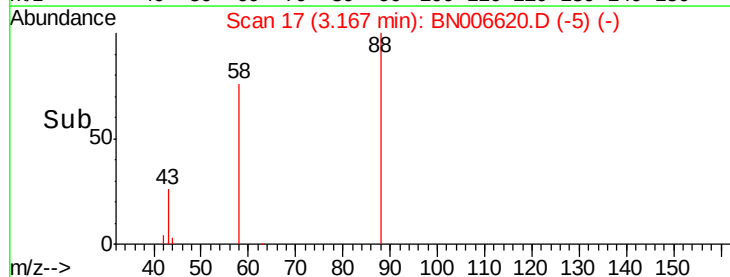
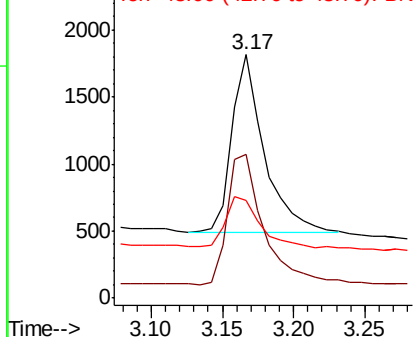
#2

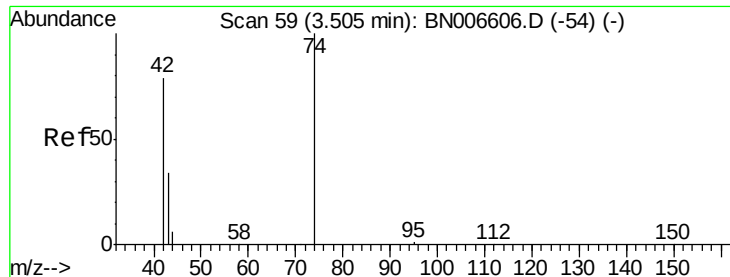
1,4-Dioxane
Concen: 0.389 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

Tgt Ion: 88 Resp: 2062
Ion Ratio Lower Upper
88 100
58 82.9 62.5 93.7
43 31.4 25.4 38.0



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: 0.311 ng

RT: 3.51 min Scan# 60

Delta R.T. 0.01 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

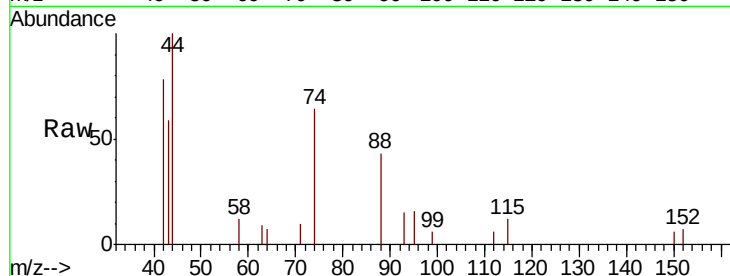
Tgt Ion: 42 Resp: 1298

Ion Ratio Lower Upper

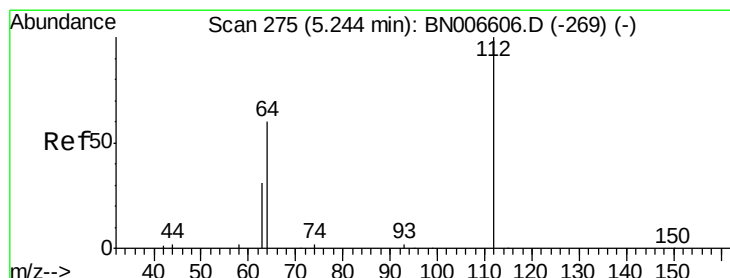
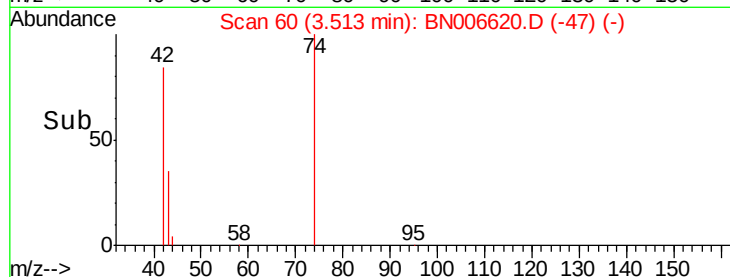
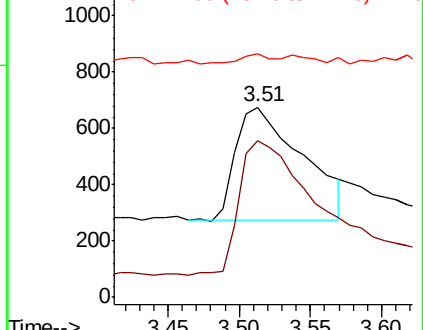
42 100

74 123.2 103.1 154.7

44 3.5 3.4 5.2



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



#4

2-Fluorophenol

Concen: 0.344 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

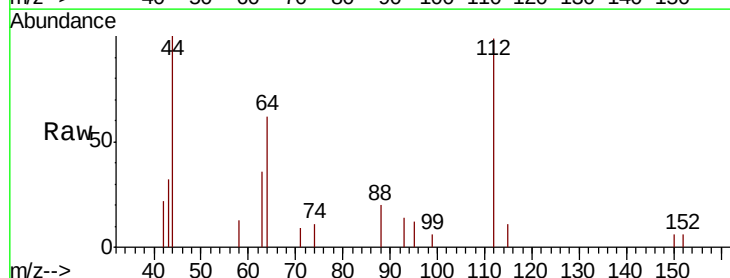
Tgt Ion: 112 Resp: 3235

Ion Ratio Lower Upper

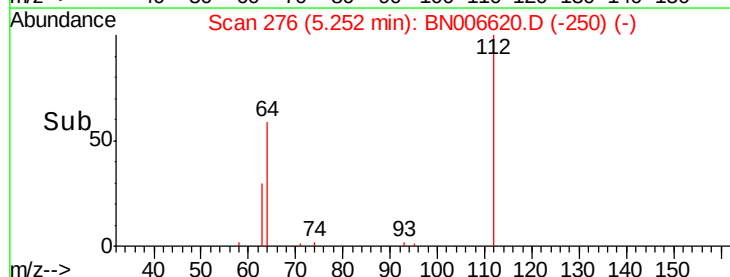
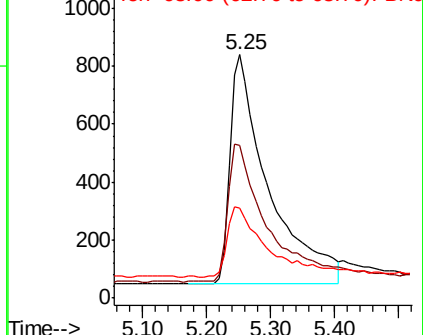
112 100

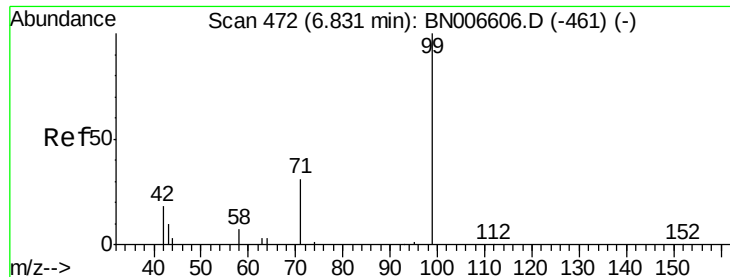
64 61.4 48.9 73.3

63 31.9 24.3 36.5



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





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

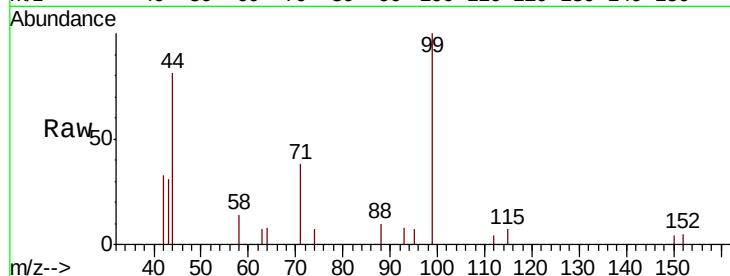
Tgt Ion: 99 Resp: 4417

Ion Ratio Lower Upper

99 100

42 19.7 16.4 24.6

71 33.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006620.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006620.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006620.D (-460) (-)

6.83

1500

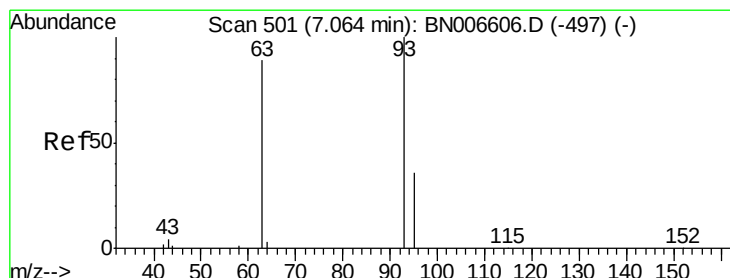
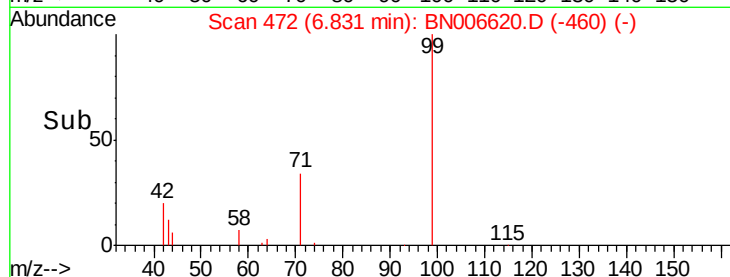
1000

500

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 7.07 min Scan# 502

Delta R.T. 0.01 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

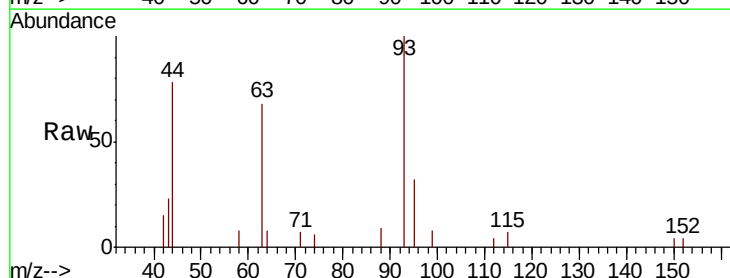
Tgt Ion: 93 Resp: 4181

Ion Ratio Lower Upper

93 100

63 62.7 52.5 78.7

95 29.7 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BN006620.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006620.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006620.D (-476) (-)

7.07

3000

2500

2000

1500

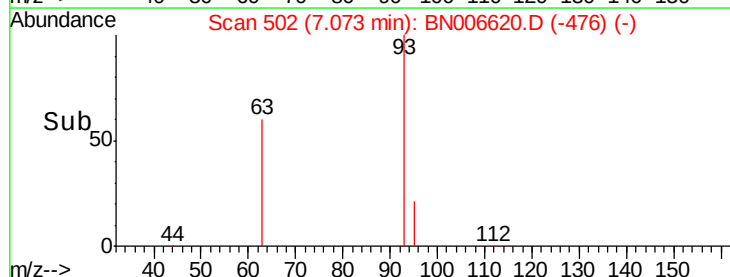
1000

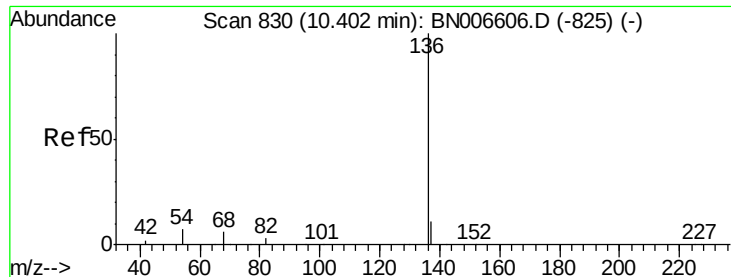
500

0

7.00 7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 16462

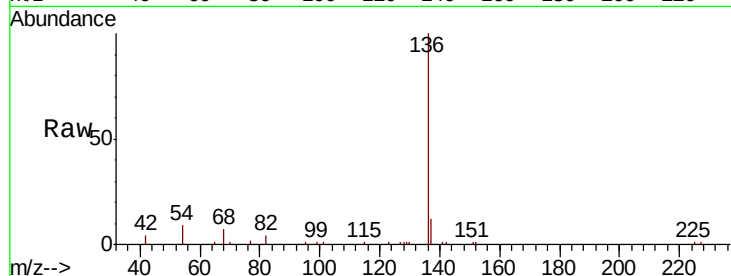
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.9 6.7 10.1

68 7.1 5.3 7.9

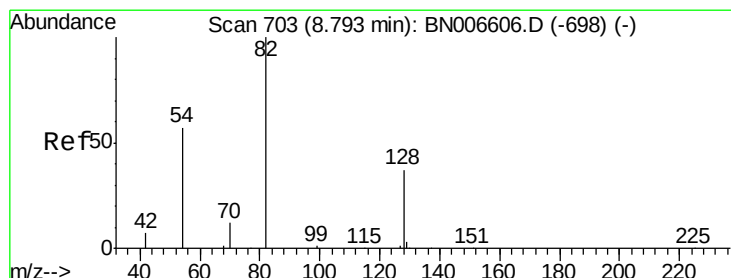
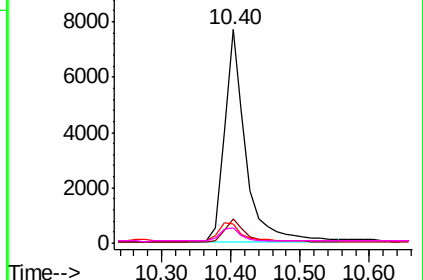
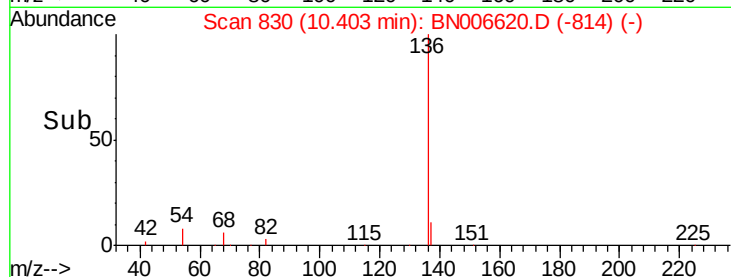


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

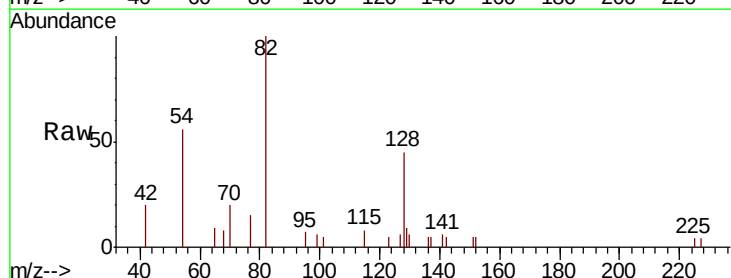
Tgt Ion: 82 Resp: 3883

Ion Ratio Lower Upper

82 100

128 45.2 32.6 49.0

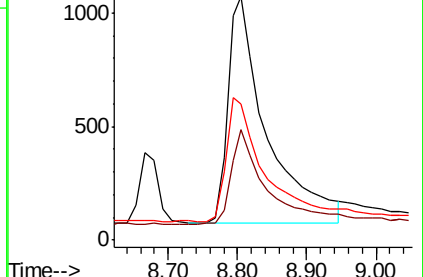
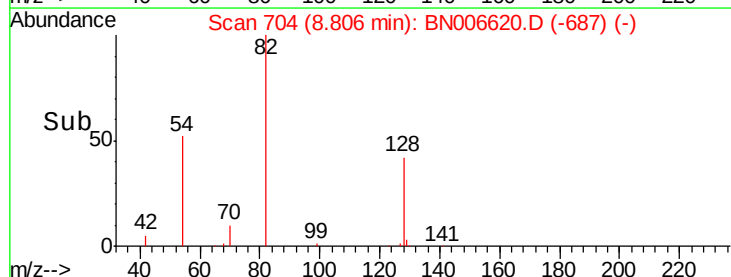
54 56.0 48.2 72.4

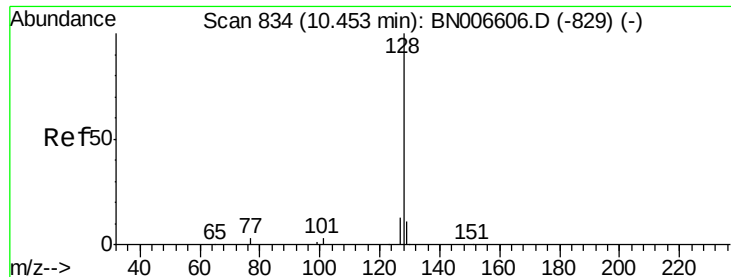


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.413 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

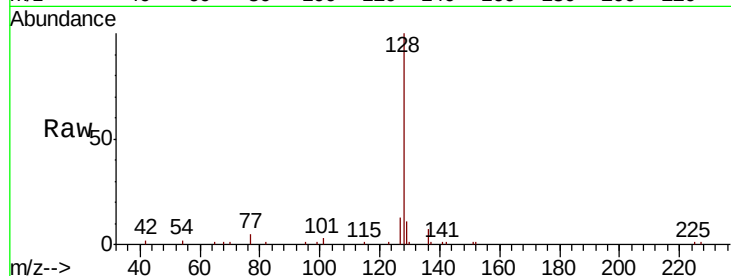
Tgt Ion:128 Resp: 17857

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

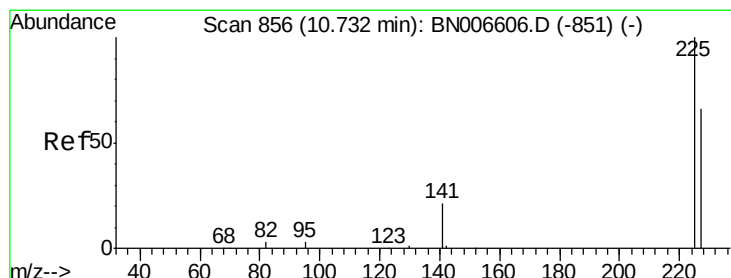
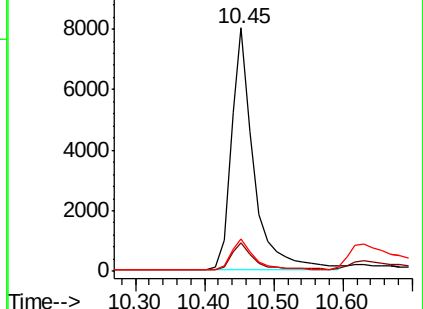
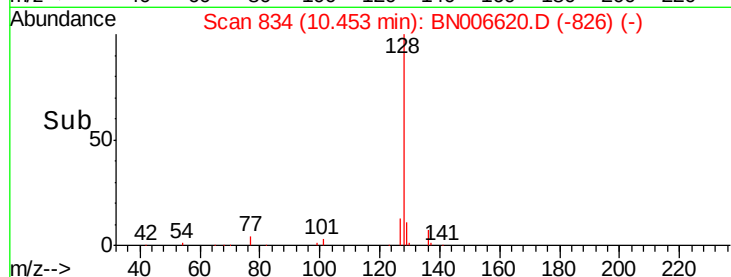
127 13.4 10.8 16.2



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: 0.425 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

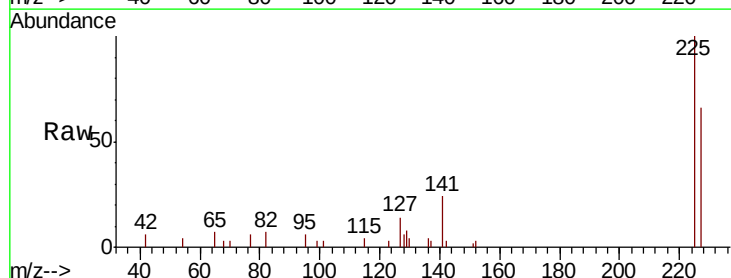
Tgt Ion:225 Resp: 3777

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

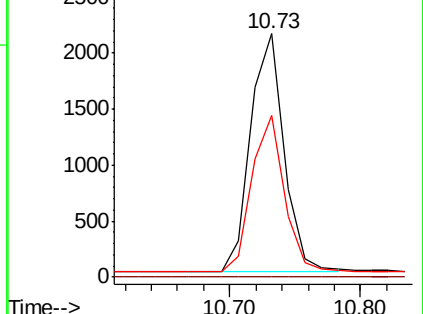
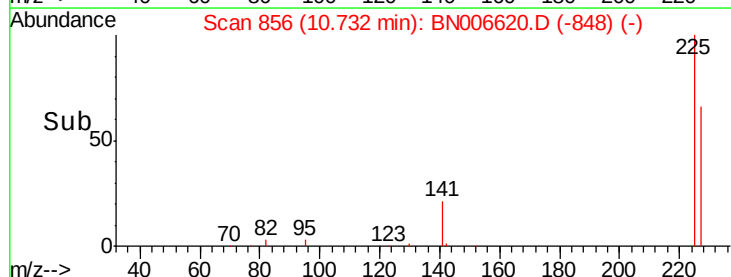
227 64.2 51.4 77.2

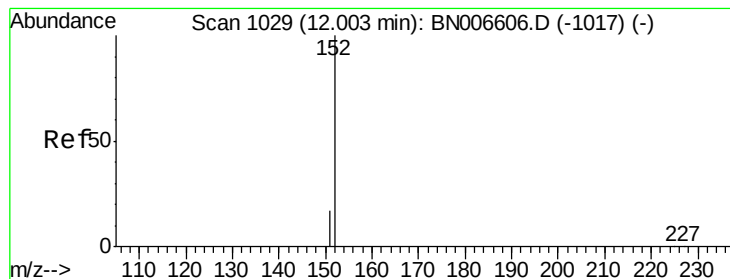


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

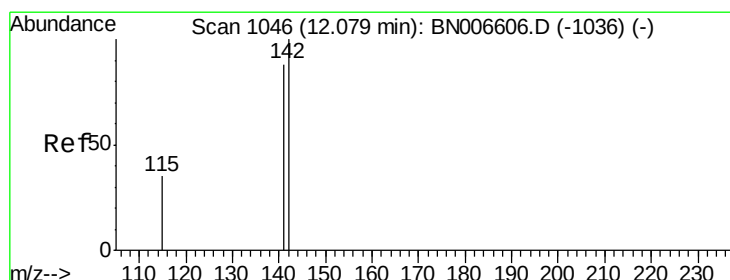
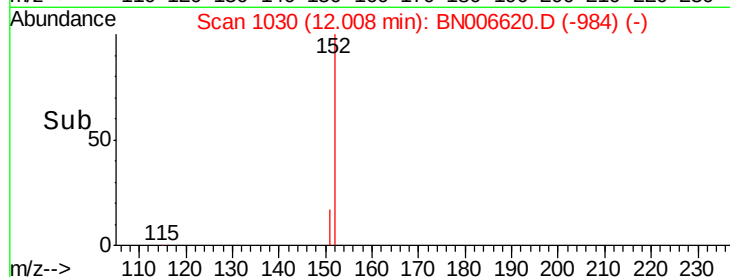
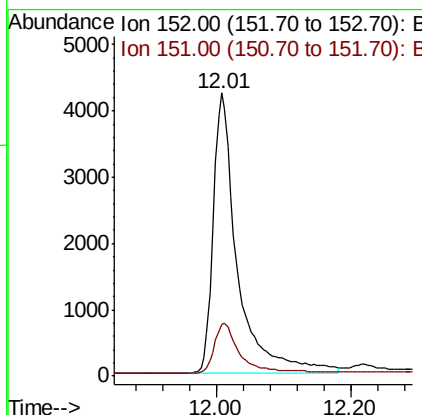
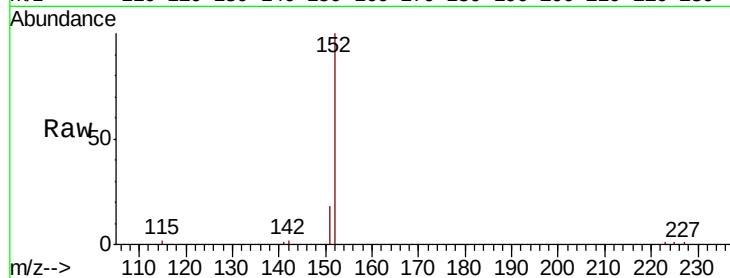




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006620.D
 Acq: 28 Jun 2019 19:17

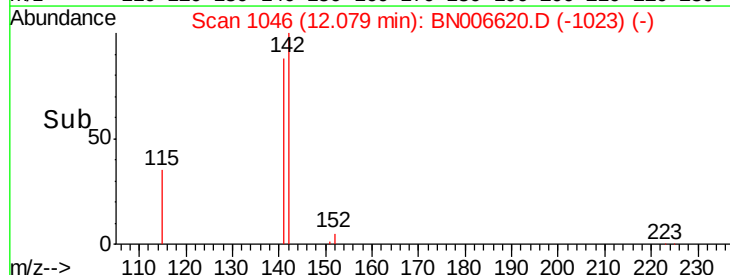
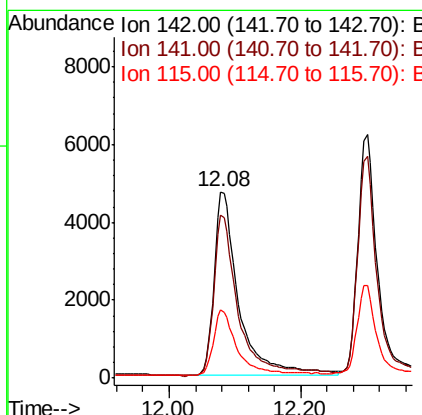
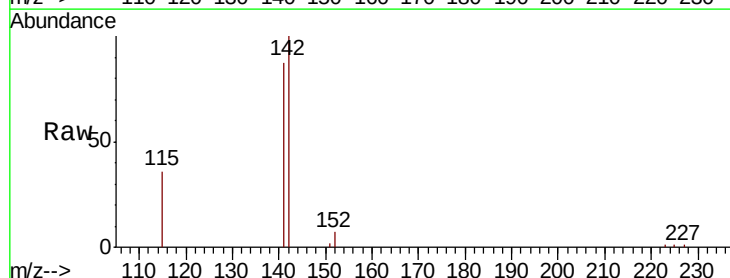
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

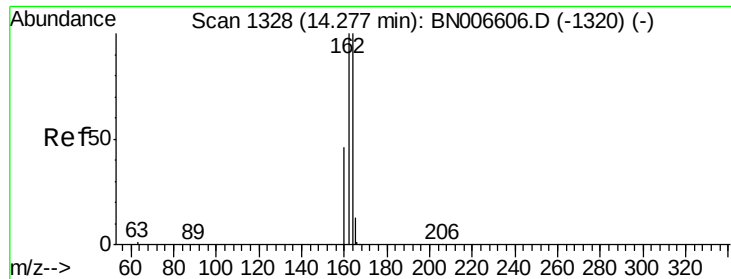
Tgt Ion:152 Resp: 10521
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.411 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN006620.D
 Acq: 28 Jun 2019 19:17

Tgt Ion:142 Resp: 12284
 Ion Ratio Lower Upper
 142 100
 141 87.2 70.2 105.4
 115 36.4 28.5 42.7

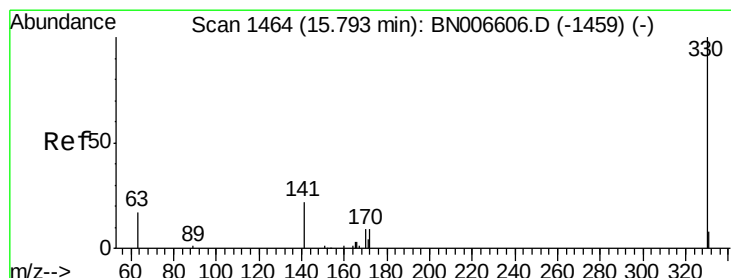
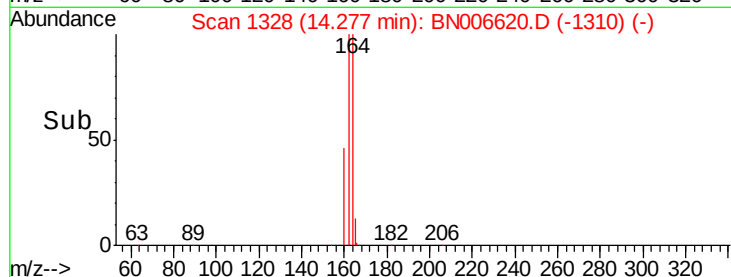
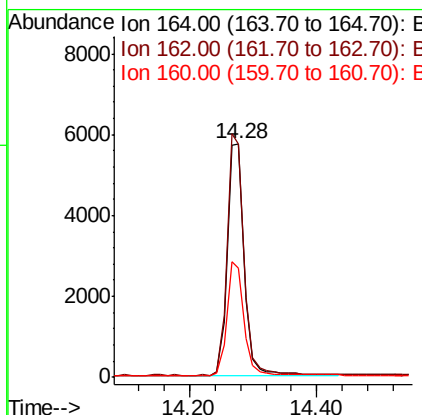
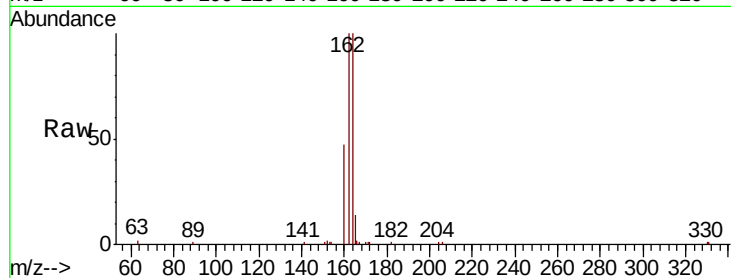




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

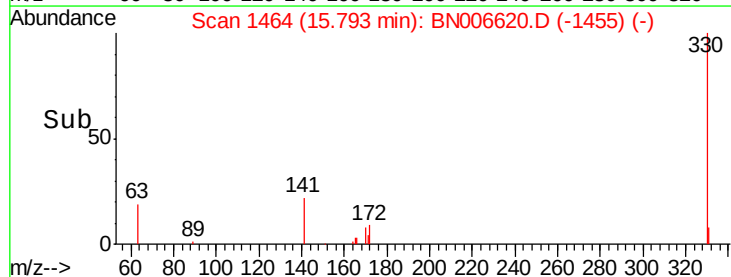
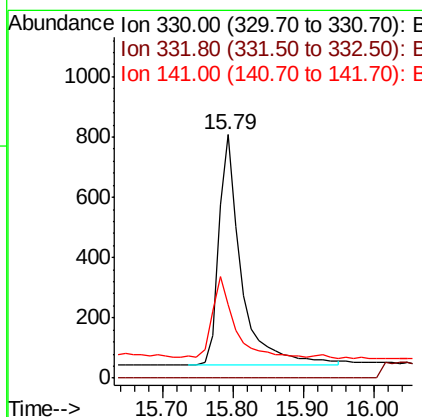
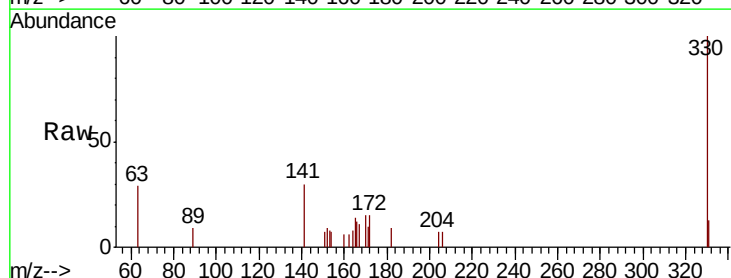
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

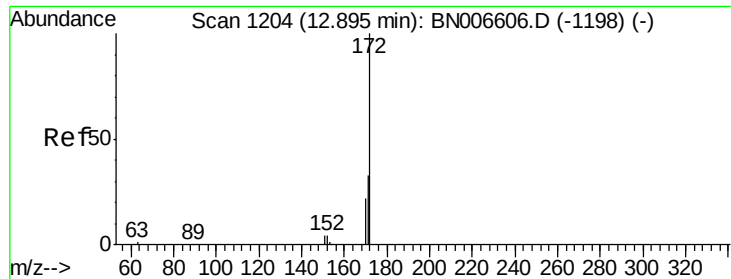
Tgt Ion:164 Resp: 10485
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 46.8 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

Tgt Ion:330 Resp: 1699
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.7 26.5 39.7

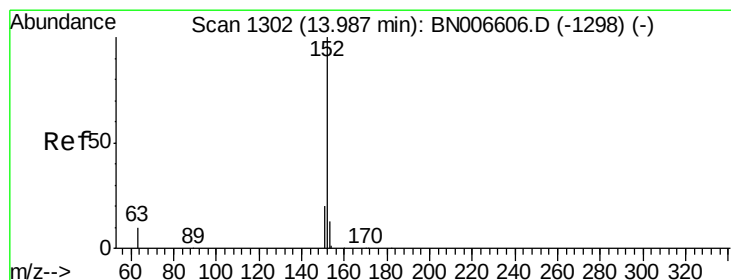
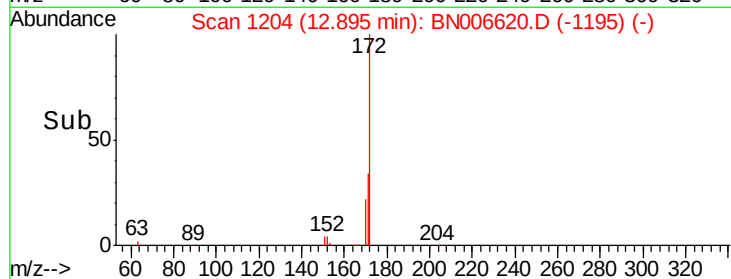
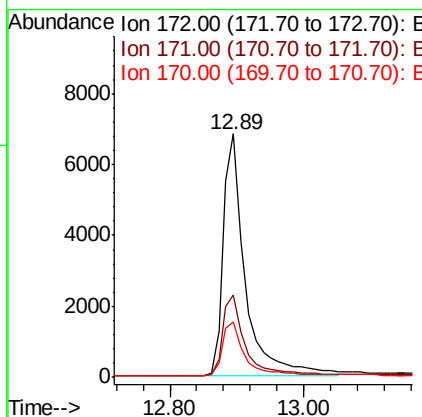
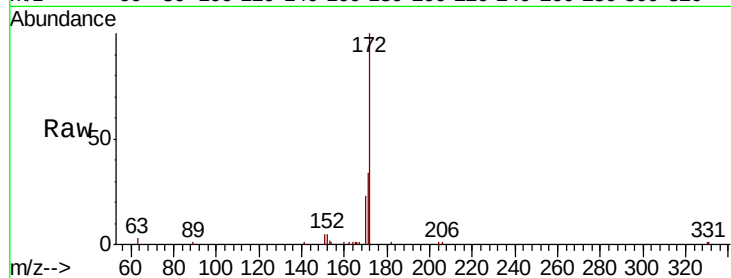




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.89 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

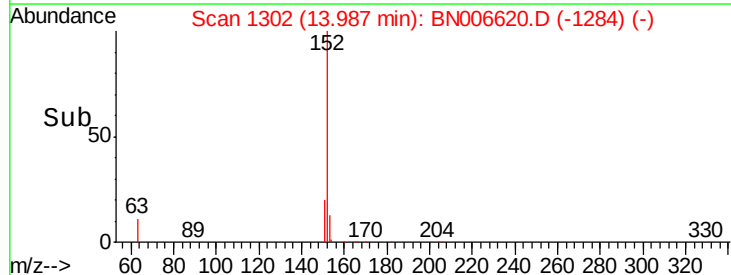
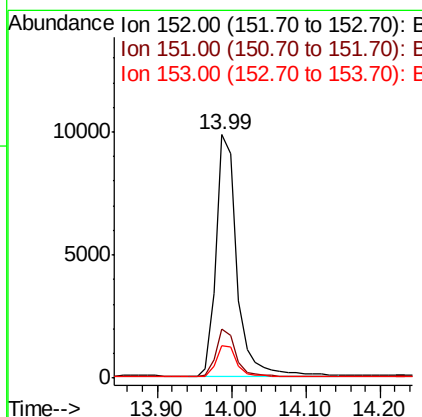
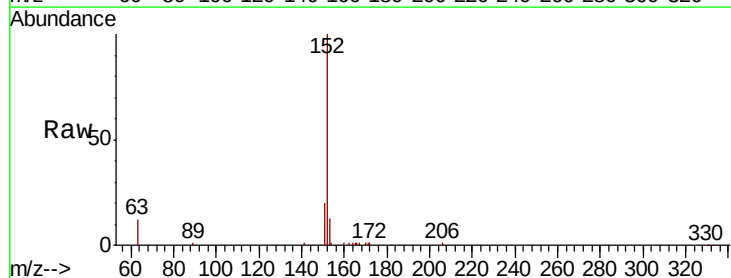
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

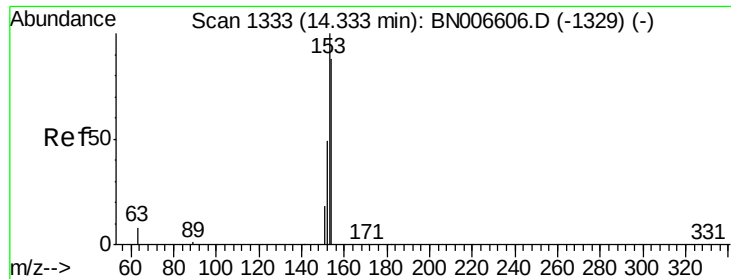
Tgt Ion:172 Resp: 15599
Ion Ratio Lower Upper
172 100
171 34.1 27.0 40.4
170 23.0 17.7 26.5



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006620.D
Acq: 28 Jun 2019 19:17

Tgt Ion:152 Resp: 19238
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

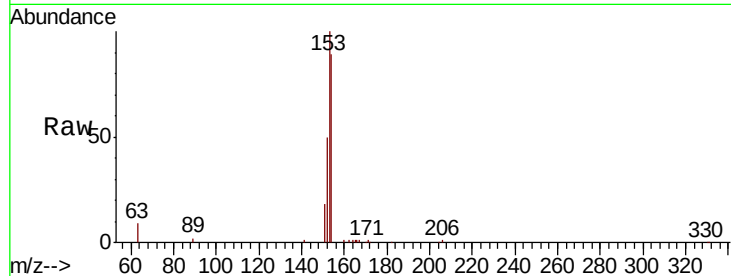
Tgt Ion:154 Resp: 13747

Ion Ratio Lower Upper

154 100

153 112.0 90.2 135.4

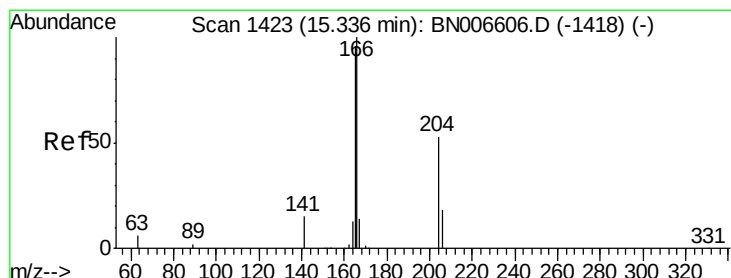
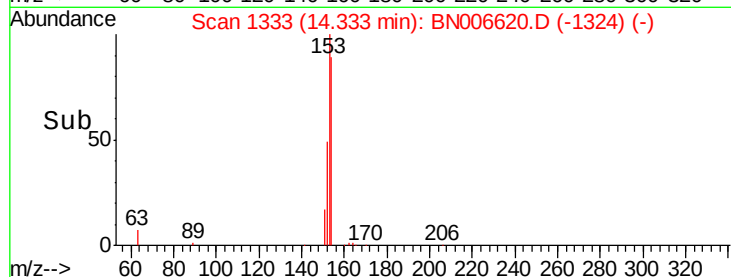
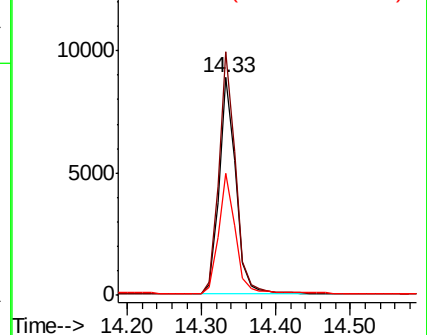
152 55.0 44.2 66.4



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: 0.408 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

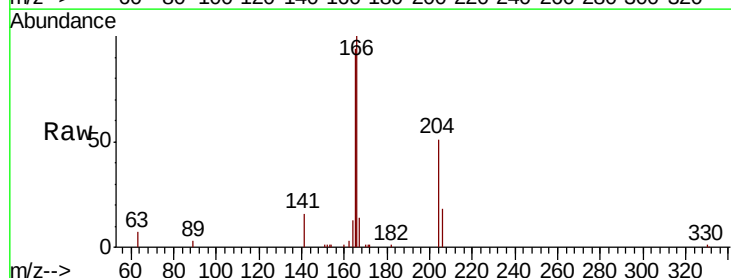
Tgt Ion:166 Resp: 16968

Ion Ratio Lower Upper

166 100

165 97.0 78.4 117.6

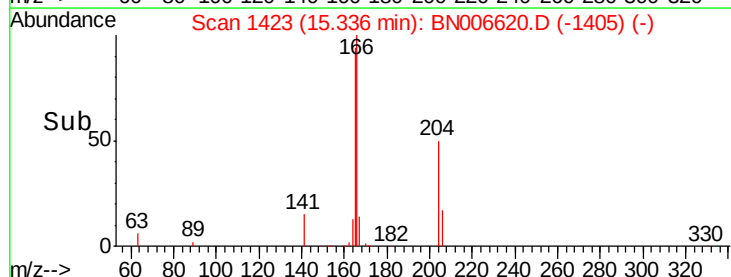
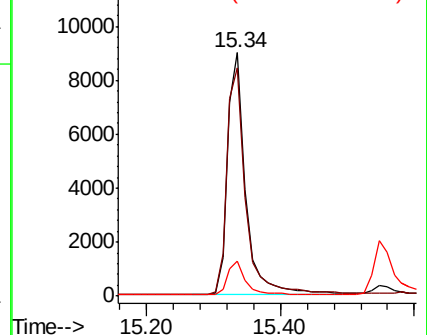
167 13.5 10.8 16.2

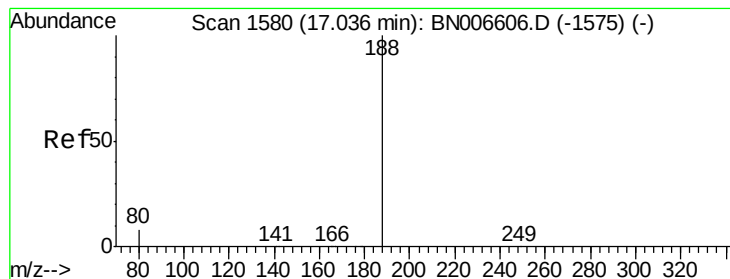


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

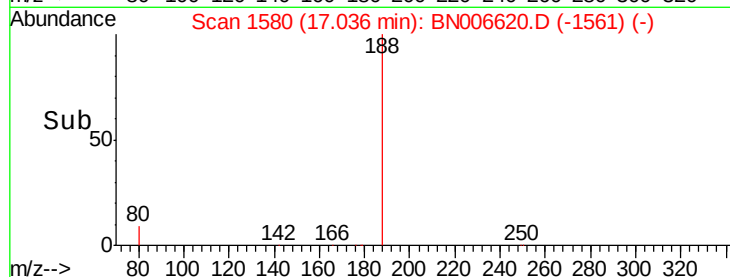
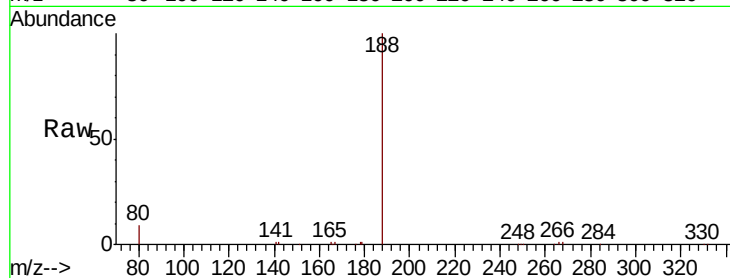
Tgt Ion:188 Resp: 24617

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

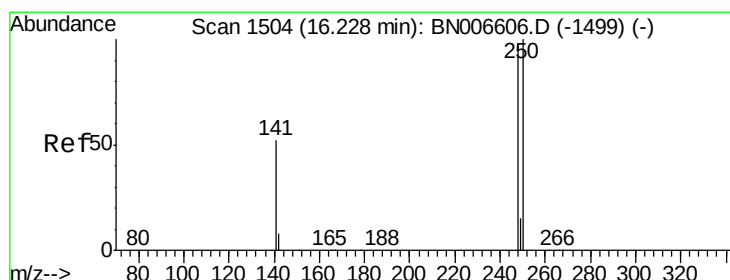
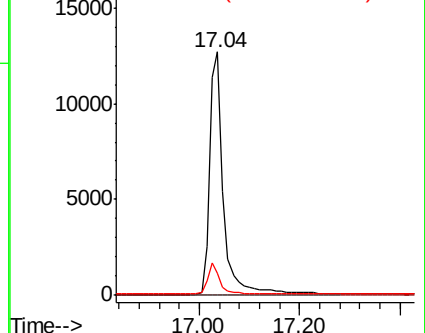
80 9.0 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

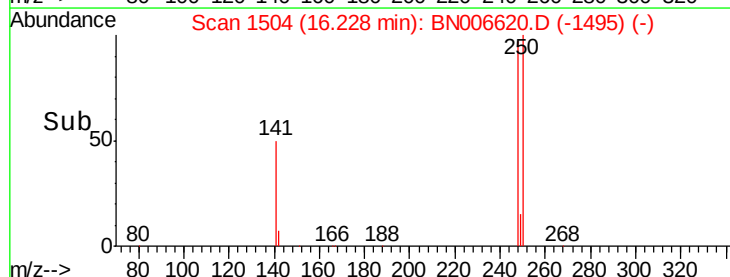
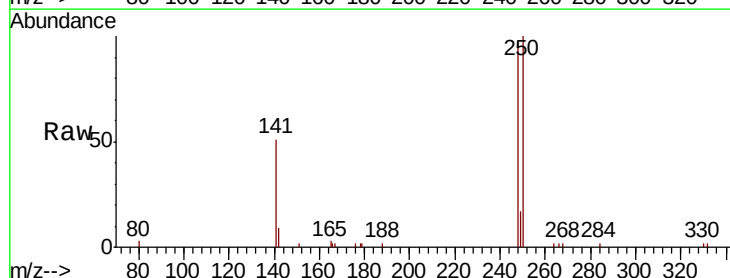
Tgt Ion:248 Resp: 5379

Ion Ratio Lower Upper

248 100

250 102.8 82.2 123.4

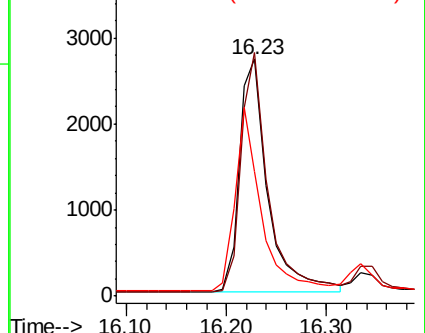
141 52.6 43.8 65.8

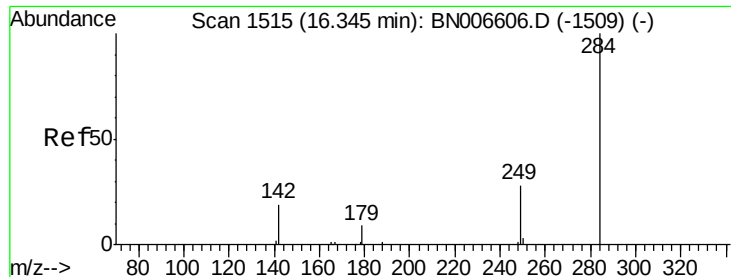


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

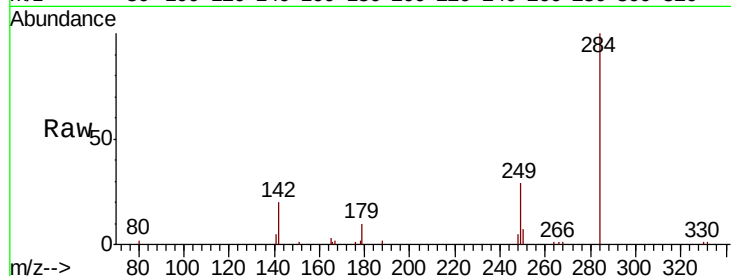
Tgt Ion:284 Resp: 7217

Ion Ratio Lower Upper

284 100

142 34.3 27.5 41.3

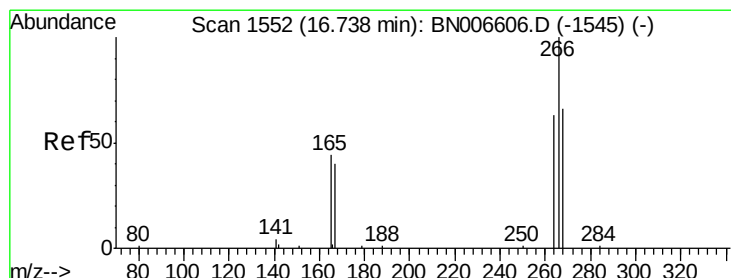
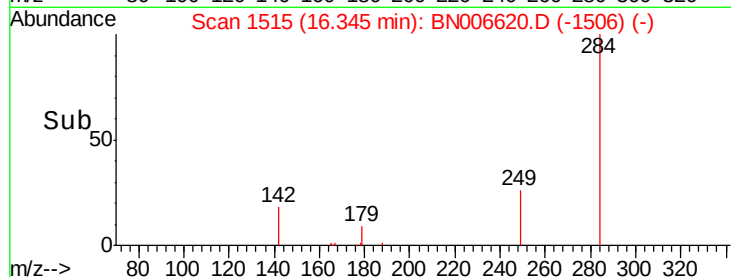
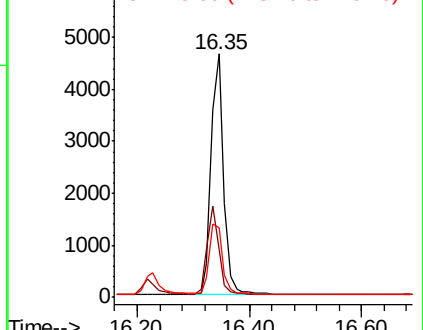
249 30.8 24.7 37.1



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: 0.403 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

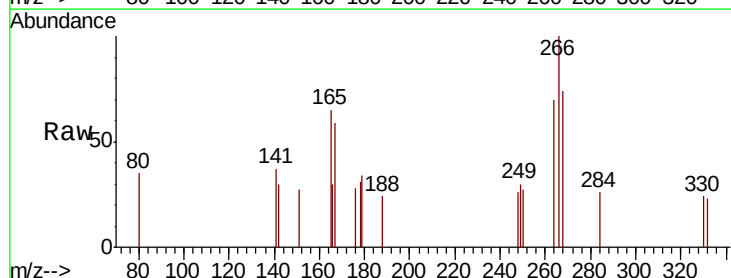
Tgt Ion:266 Resp: 829

Ion Ratio Lower Upper

266 100

264 69.5 56.2 84.4

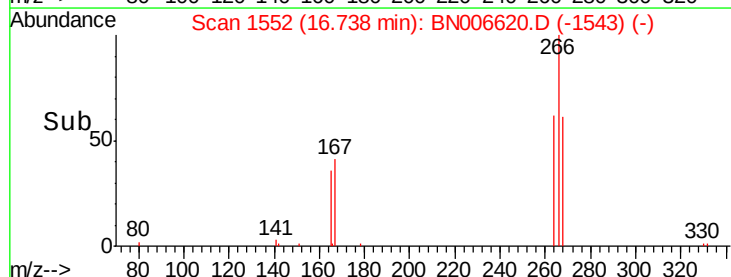
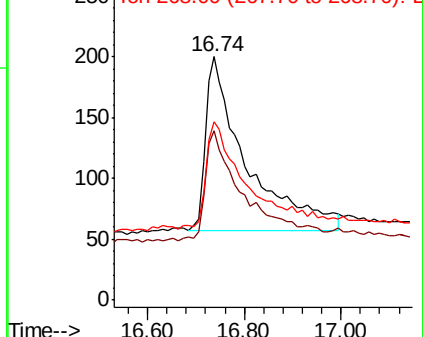
268 73.5 63.0 94.4

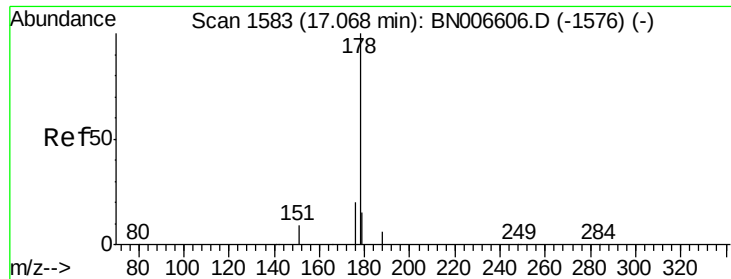


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.404 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

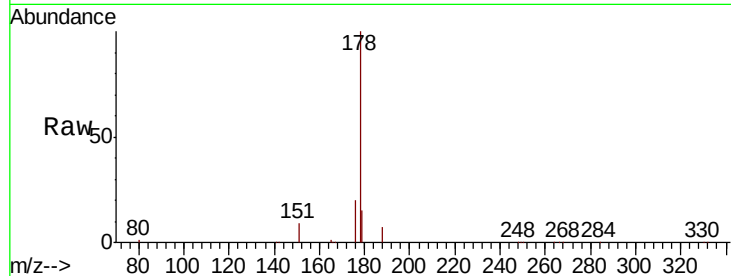
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

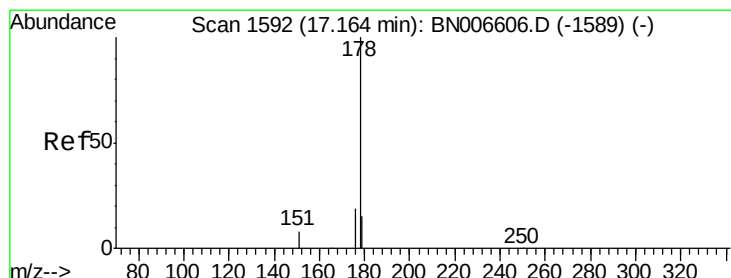
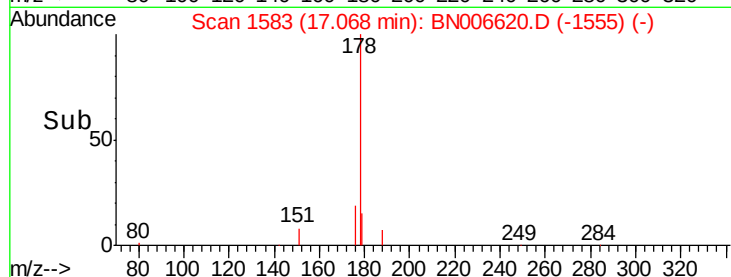
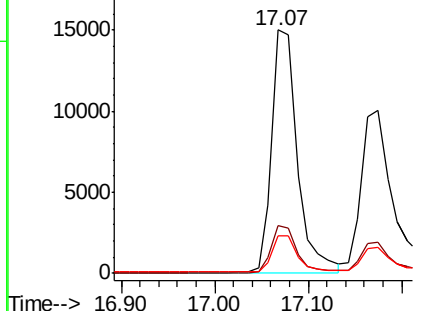
Tgt Ion:	178	Resp:	28287
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.2	18.4



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



#24

Anthracene

Concen: 0.378 ng

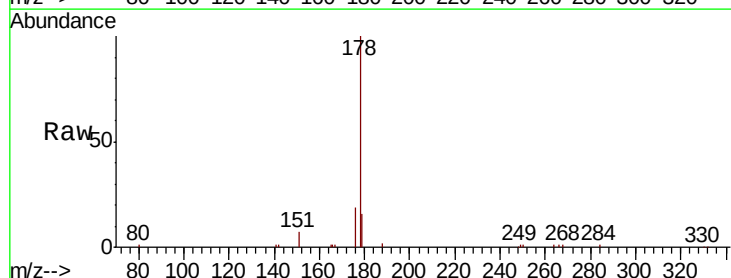
RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

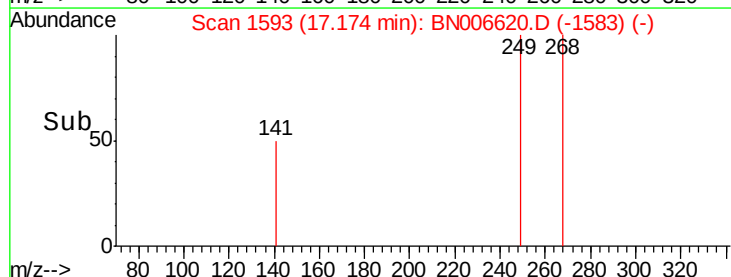
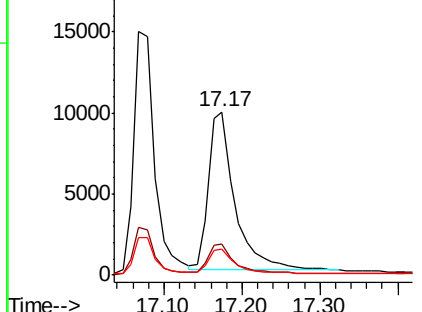
Tgt Ion:	178	Resp:	22954
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.2	12.2	18.2

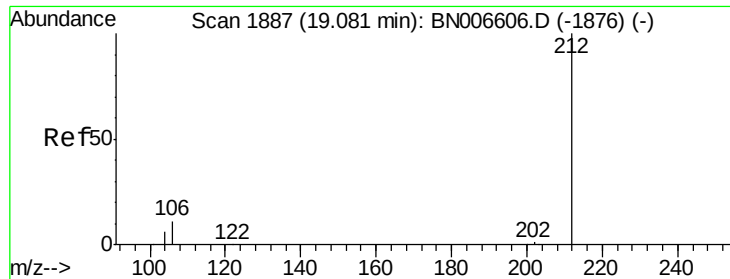


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

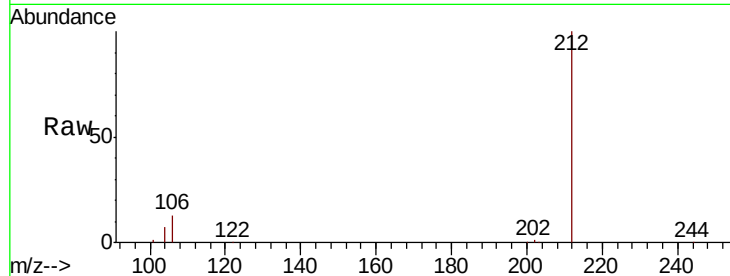
Tgt Ion:212 Resp: 28694

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

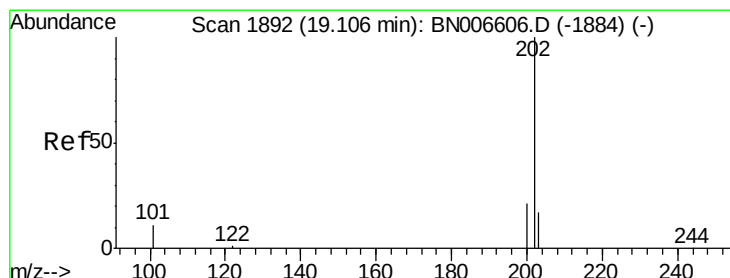
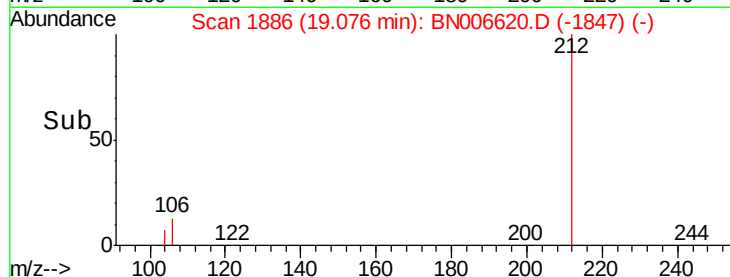
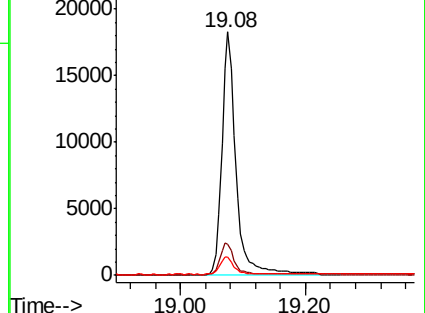
104 7.4 5.8 8.6



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: 0.407 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

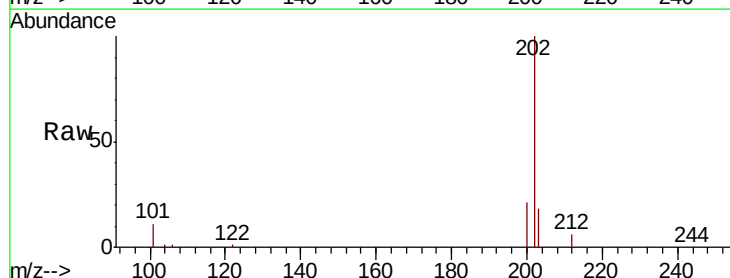
Tgt Ion:202 Resp: 34585

Ion Ratio Lower Upper

202 100

101 10.8 8.9 13.3

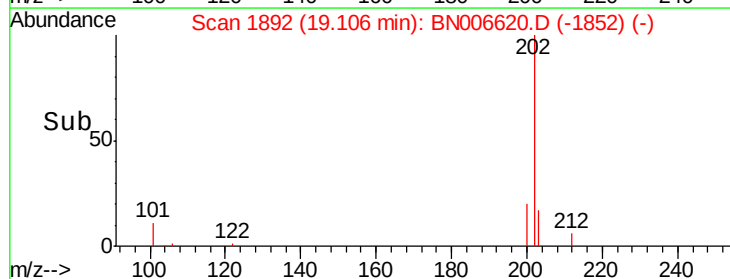
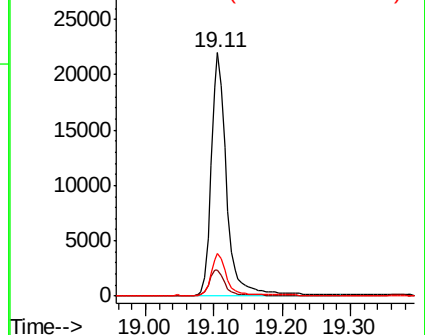
203 17.0 13.6 20.4

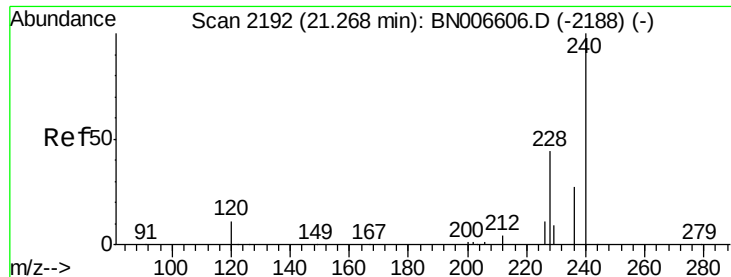


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

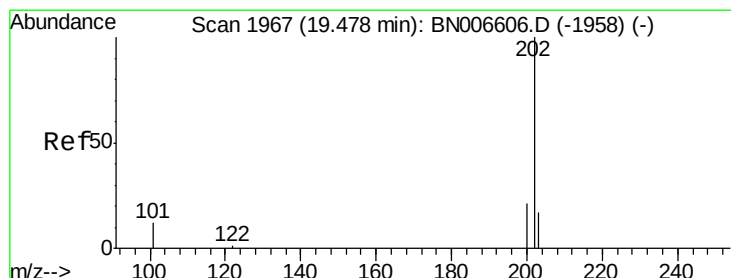
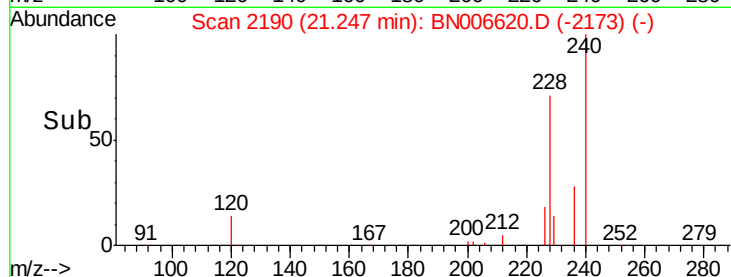
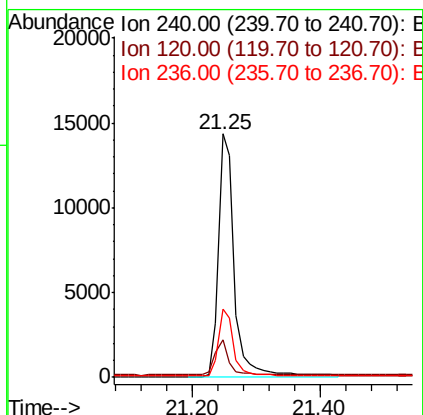
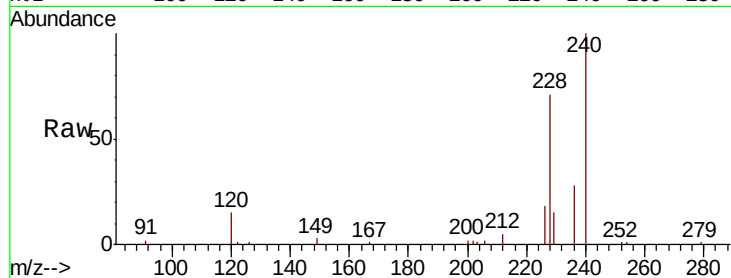
Tgt Ion:240 Resp: 24532

Ion Ratio Lower Upper

240 100

120 15.2 9.9 14.9#

236 28.2 22.2 33.4



#28

Pyrene

Concen: 0.414 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

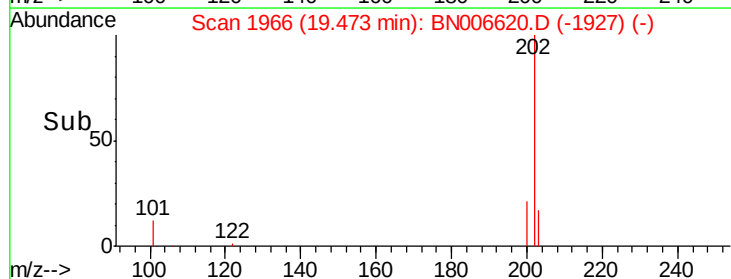
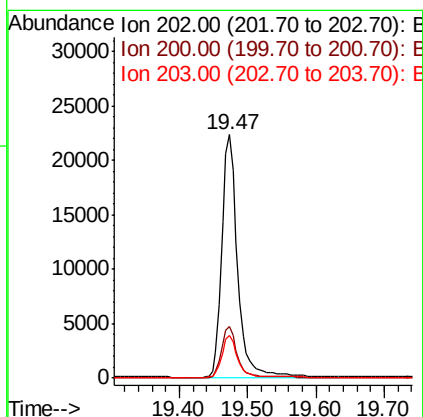
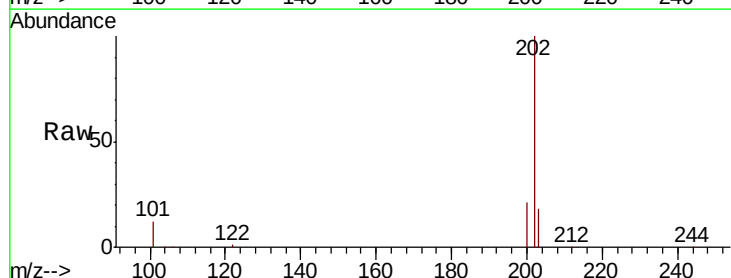
Tgt Ion:202 Resp: 35568

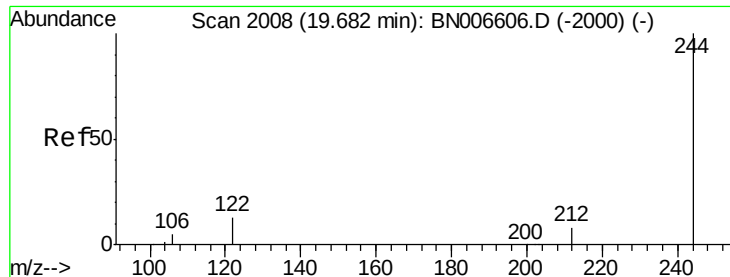
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

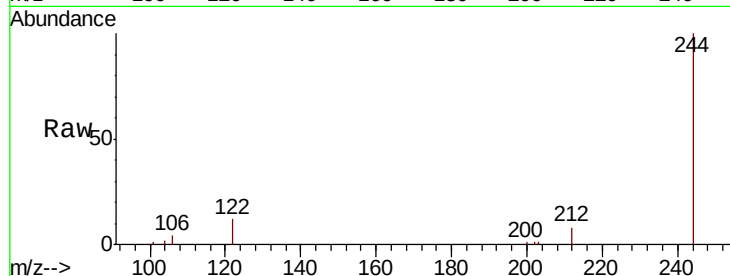
Tgt Ion:244 Resp: 20936

Ion Ratio Lower Upper

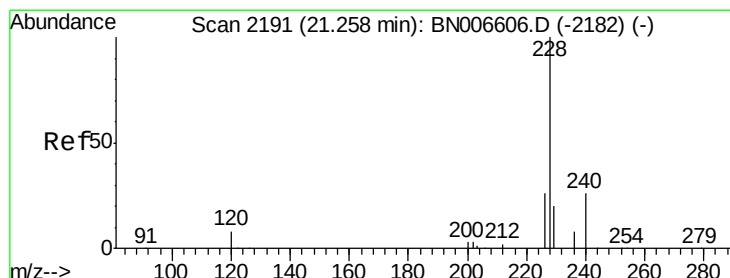
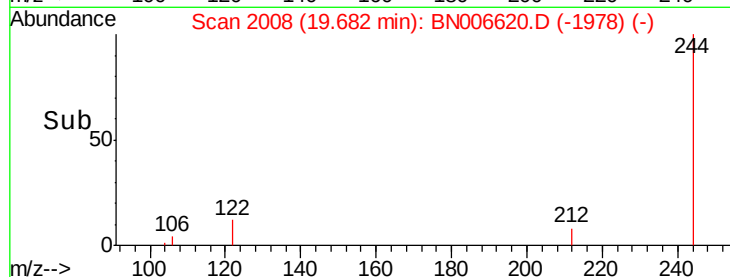
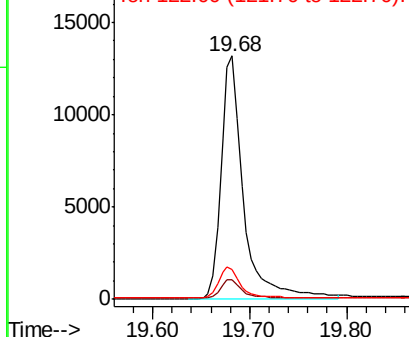
244 100

212 8.1 6.7 10.1

122 12.3 11.0 16.6



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: 0.399 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

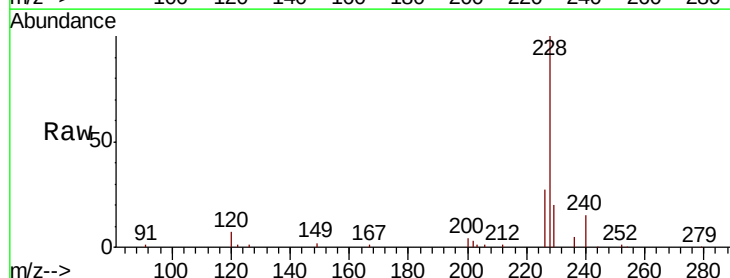
Tgt Ion:228 Resp: 32030

Ion Ratio Lower Upper

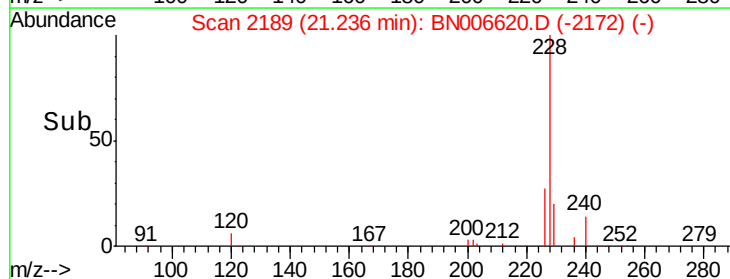
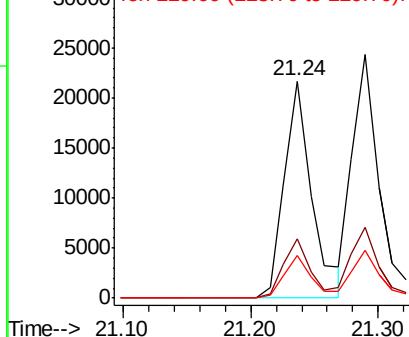
228 100

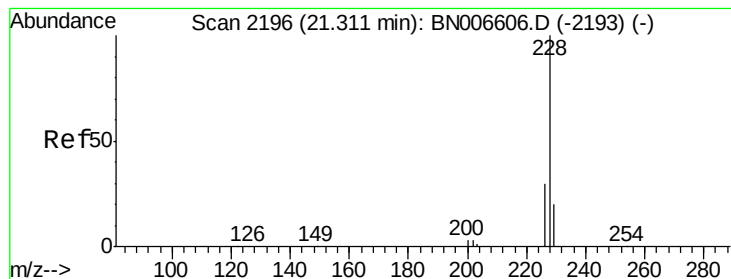
226 27.3 21.2 31.8

229 19.9 16.1 24.1



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: 0.401 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

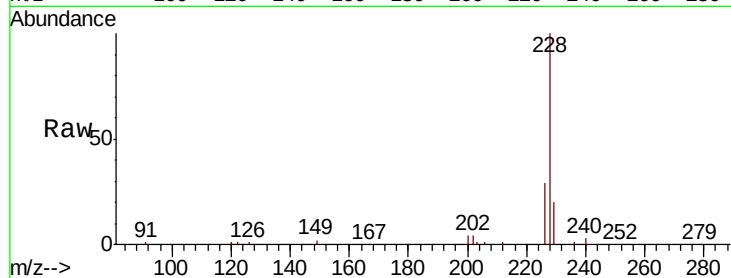
Tgt Ion:228 Resp: 34671

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

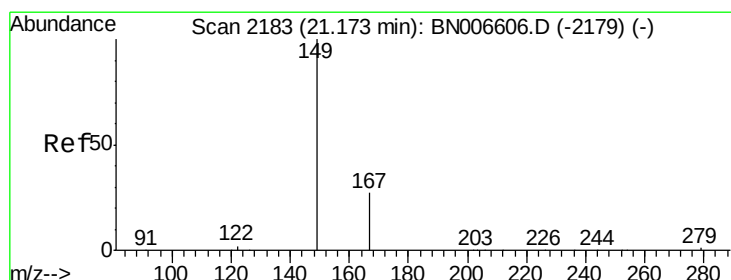
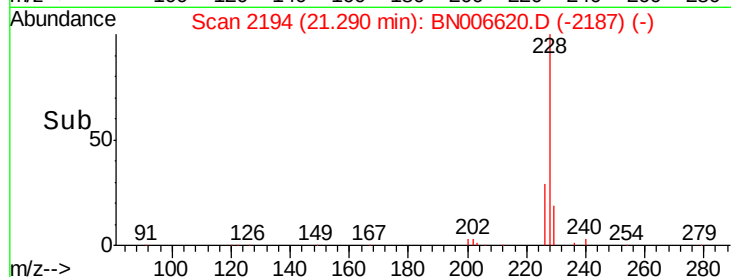
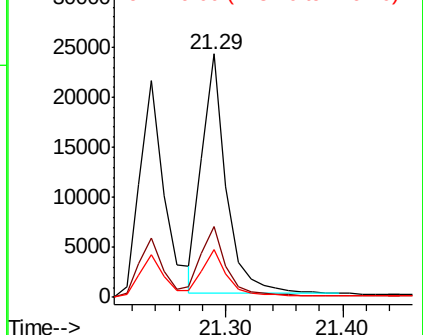
229 19.6 15.9 23.9



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: 0.328 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

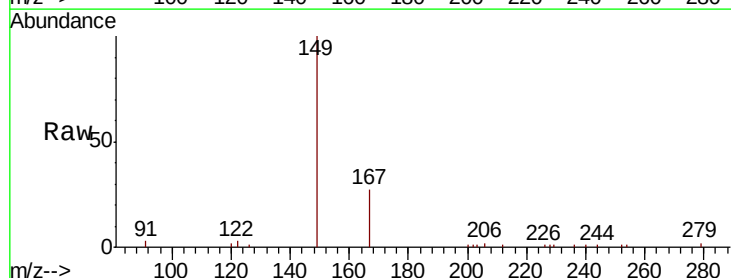
Tgt Ion:149 Resp: 13250

Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

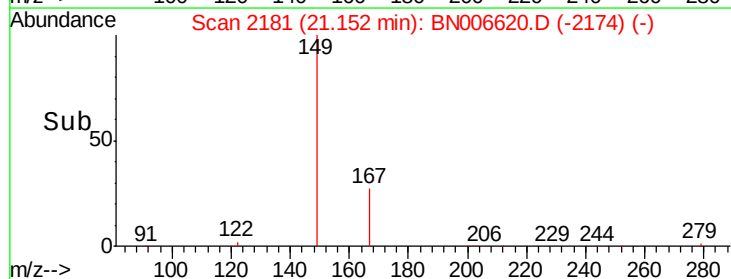
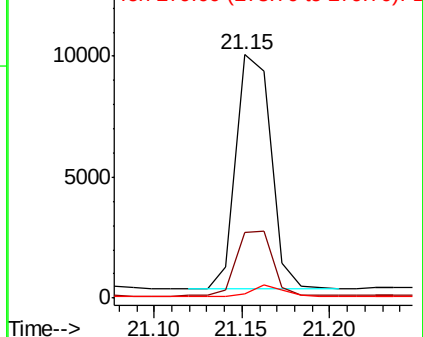
279 4.1 3.3 4.9

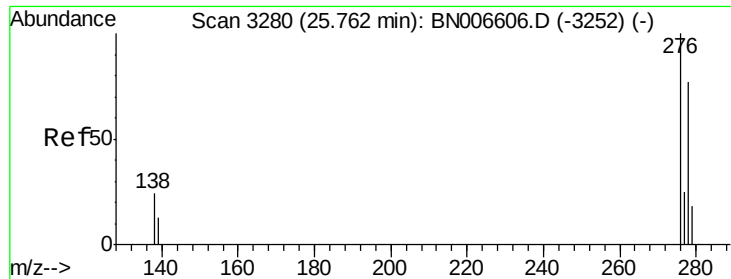


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.410 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

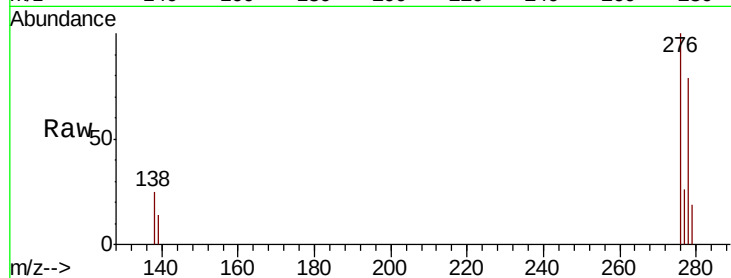
Tgt Ion:276 Resp: 35919

Ion Ratio Lower Upper

276 100

138 23.7 19.3 28.9

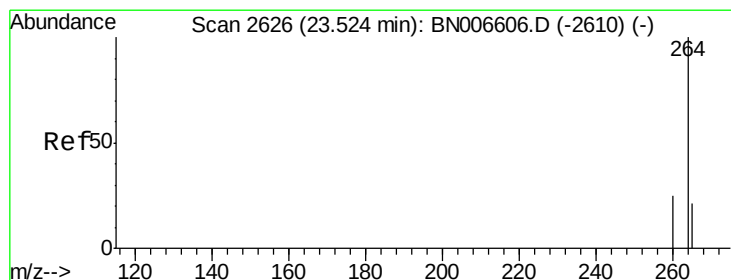
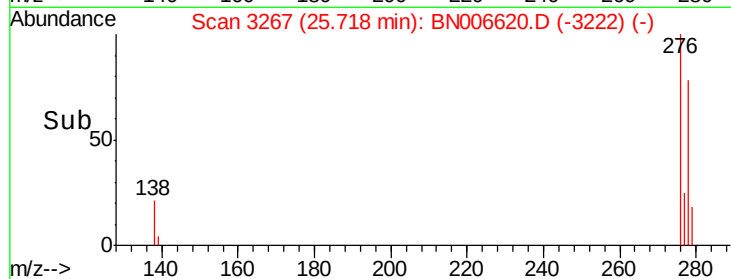
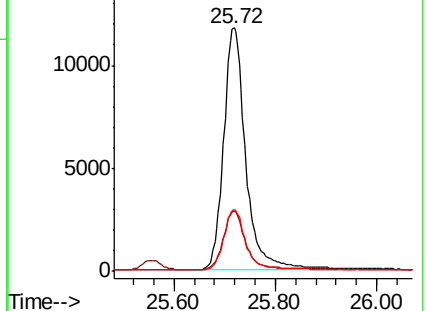
277 24.9 19.9 29.9



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: 23.48 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

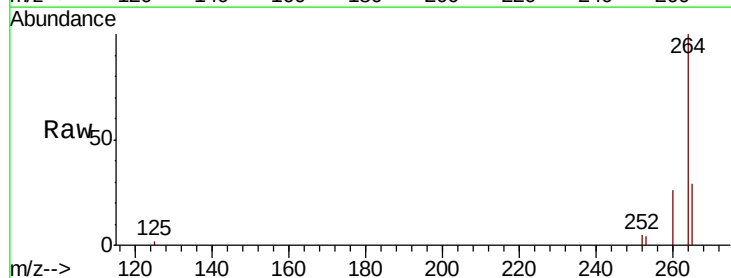
Tgt Ion:264 Resp: 25658

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

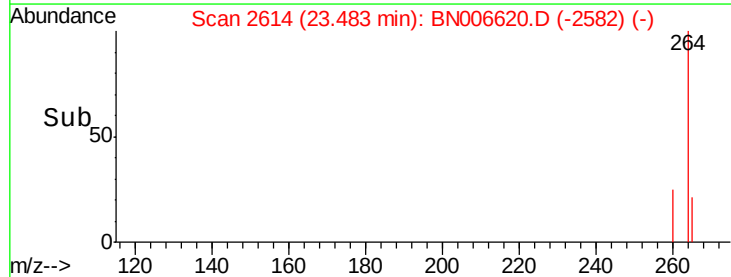
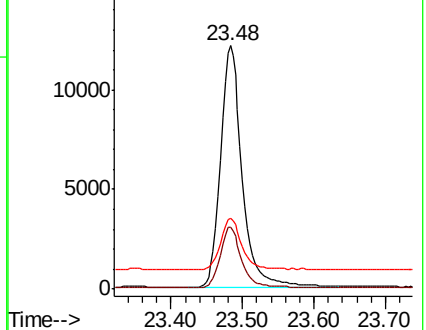
265 29.0 23.3 34.9

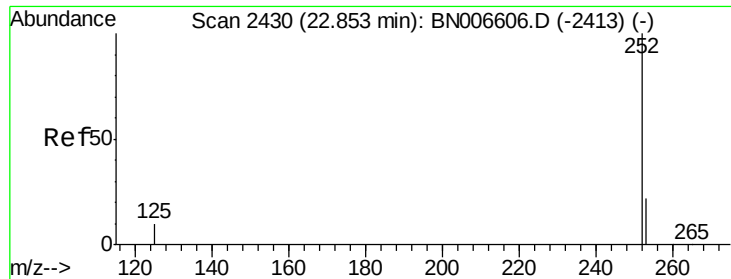


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.433 ng

RT: 22.82 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

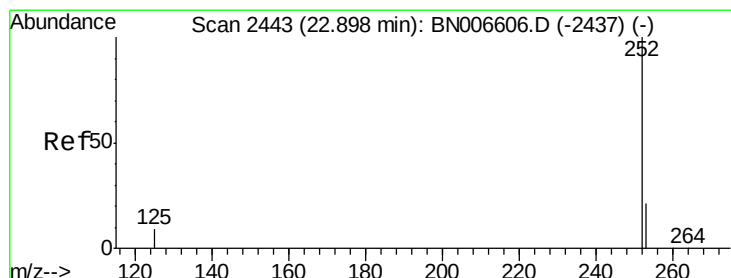
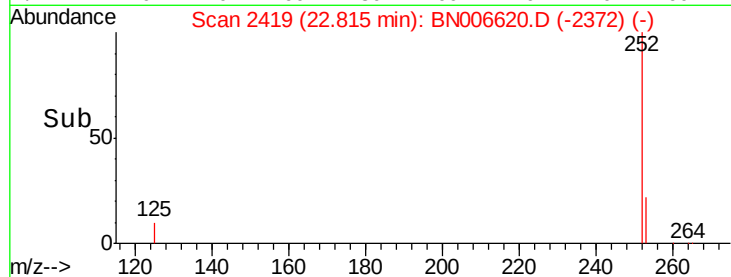
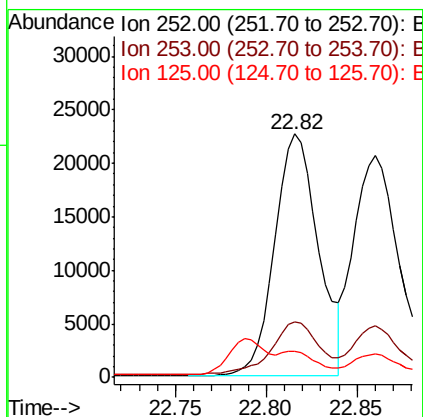
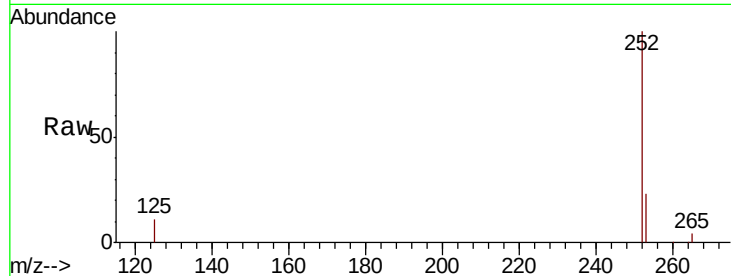
Tgt Ion:252 Resp: 37770

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 10.8 8.7 13.1



#36

Benzo(k)fluoranthene

Concen: 0.422 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

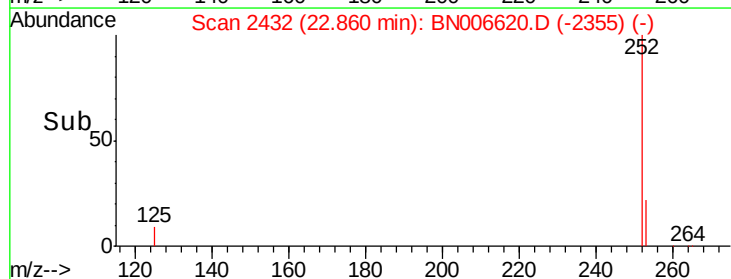
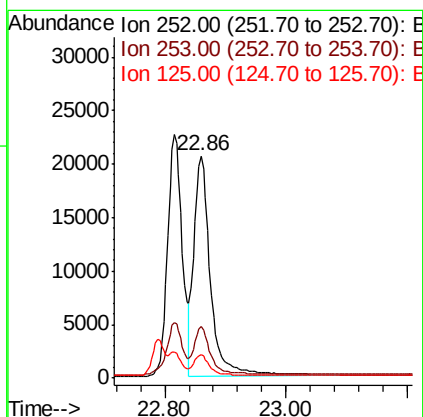
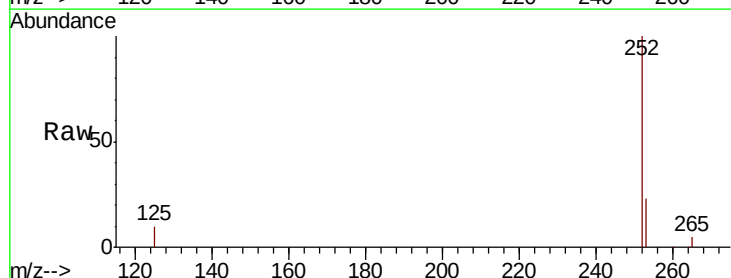
Tgt Ion:252 Resp: 39251

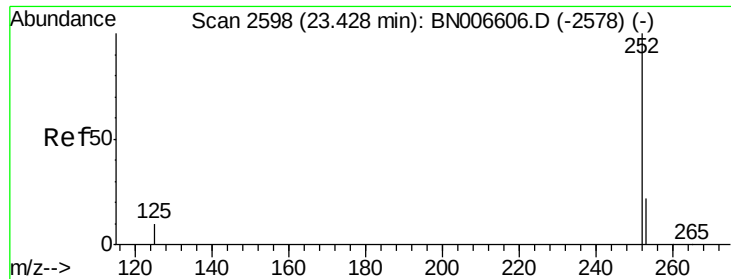
Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 10.4 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

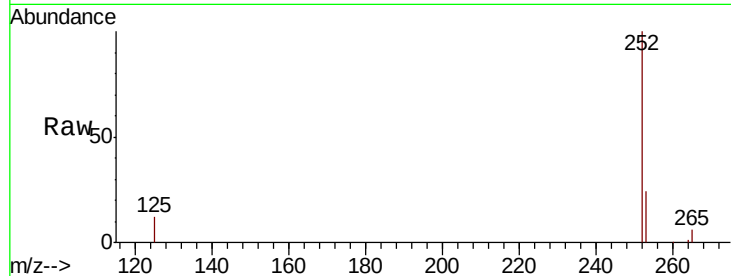
Tgt Ion:252 Resp: 34462

Ion Ratio Lower Upper

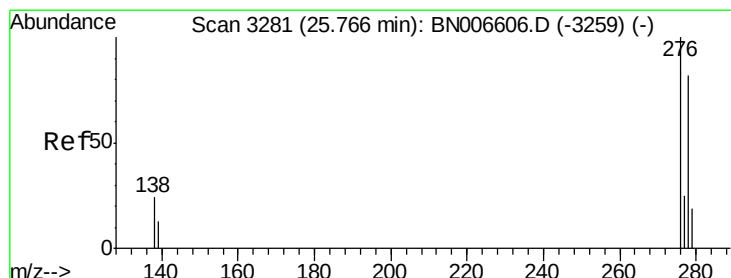
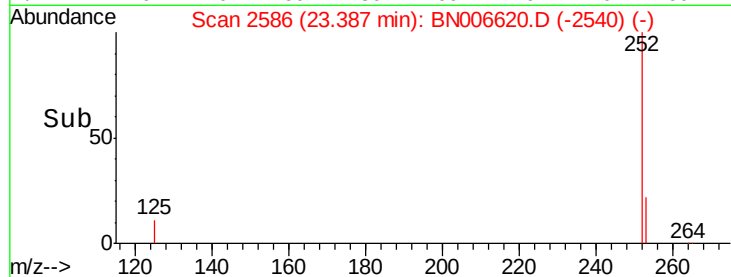
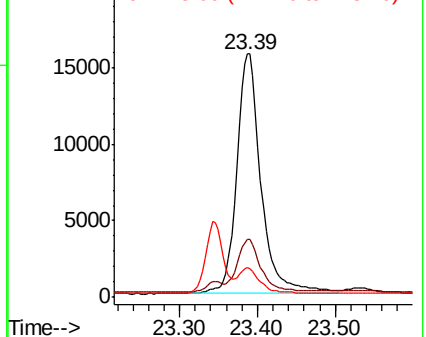
252 100

253 23.7 18.8 28.2

125 12.1 9.4 14.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.406 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006620.D

Acq: 28 Jun 2019 19:17

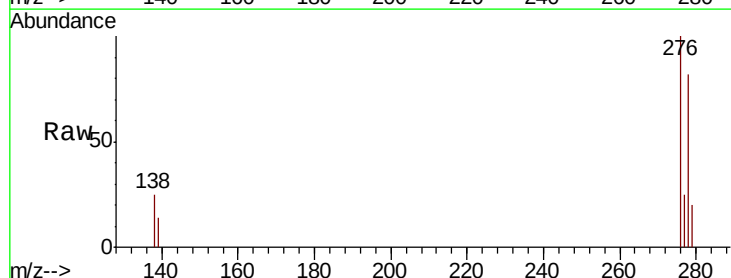
Tgt Ion:278 Resp: 28912

Ion Ratio Lower Upper

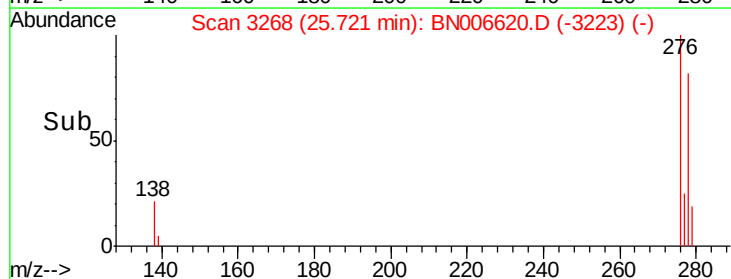
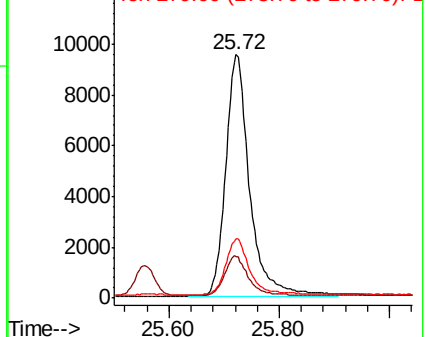
278 100

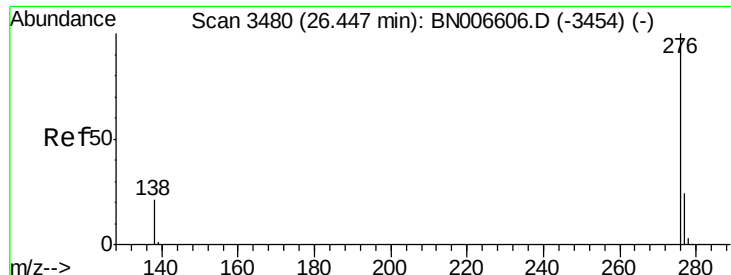
139 17.0 13.5 20.3

279 24.3 19.4 29.2



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(g,h,i)perylene

Concen: 0.402 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BN006620.D

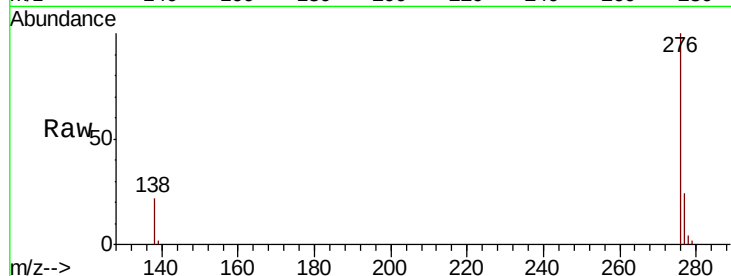
Acq: 28 Jun 2019 19:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 28597

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 21.6 17.7 26.5

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

