

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007627.D
 Acq On : 13 Sep 2019 15:15
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 14 02:59:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8087	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	31303	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	17362	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	34881	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33903	0.40	ng	-0.01
34) Perylene-d12	23.50	264	34353	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	8672	0.33	ng	0.00
5) Phenol-d6	6.89	99	11217	0.36	ng	0.00
8) Nitrobenzene-d5	8.86	82	9570	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	22008	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1941	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	30609	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	44868	0.41	ng	0.00
29) Terphenyl-d14	19.72	244	37806	0.42	ng	0.00

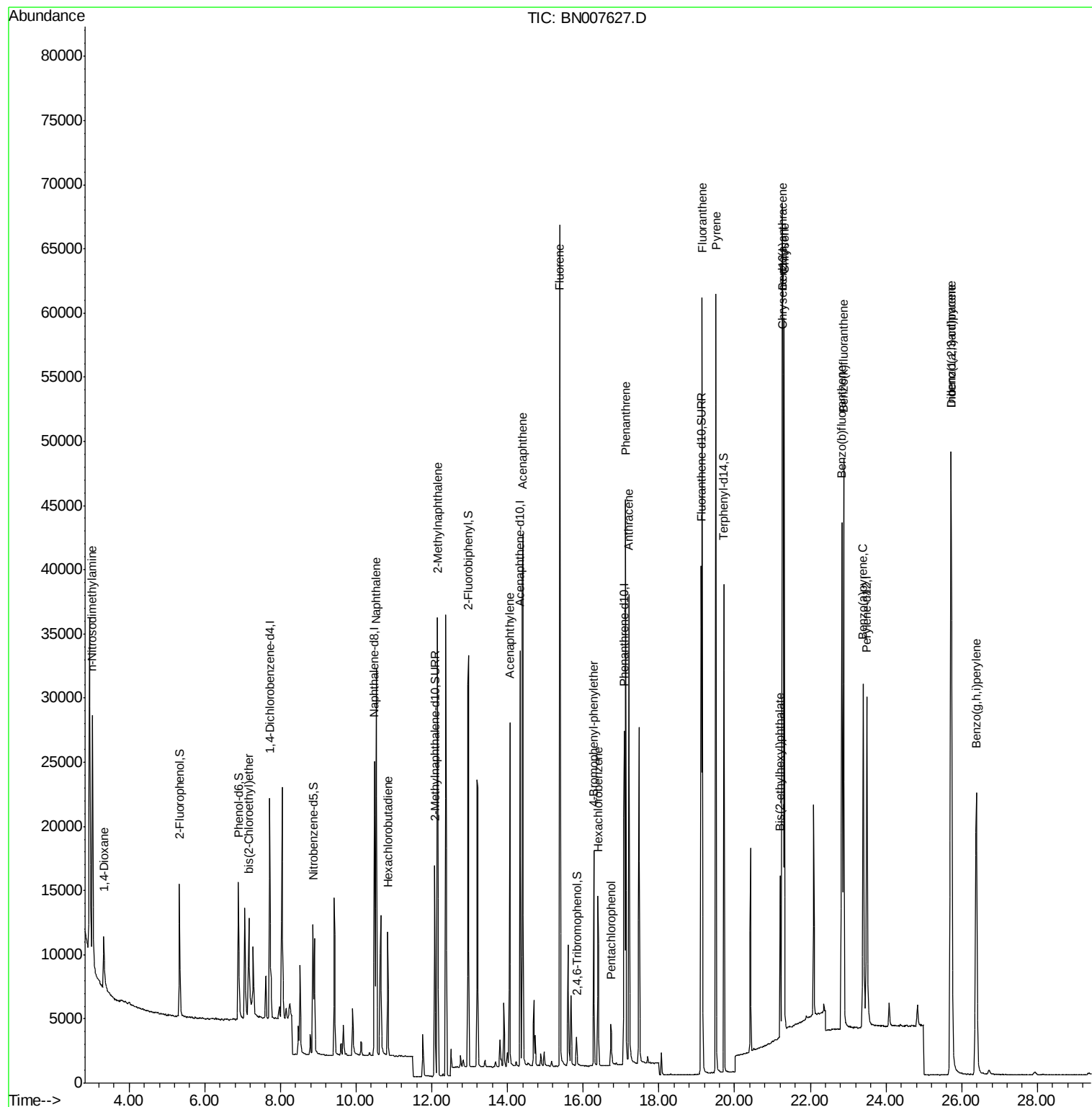
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3730	0.385	ng	99
3) n-Nitrosodimethylamine	3.03	42	2553	0.581	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	8607	0.363	ng	96
9) Naphthalene	10.53	128	38196	0.426	ng	99
10) Hexachlorobutadiene	10.84	225	7563	0.418	ng	# 100
12) 2-Methylnaphthalene	12.15	142	25271	0.419	ng	100
16) Acenaphthylene	14.06	152	32761	0.363	ng	100
17) Acenaphthene	14.40	154	22870	0.388	ng	99
18) Fluorene	15.38	166	28842	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	9251	0.429	ng	# 89
21) Hexachlorobenzene	16.39	284	9985	0.433	ng	99
22) Pentachlorophenol	16.73	266	2067	0.345	ng	95
23) Phenanthrene	17.12	178	47076	0.428	ng	100
24) Anthracene	17.21	178	38909	0.399	ng	99
26) Fluoranthene	19.14	202	53033	0.412	ng	100
28) Pyrene	19.50	202	52638	0.427	ng	100
30) Benzo(a)anthracene	21.26	228	45690	0.380	ng	99
31) Chrysene	21.31	228	53983	0.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	12735	0.313	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	58823	0.440	ng	99
35) Benzo(b)fluoranthene	22.83	252	49775	0.399	ng	99
36) Benzo(k)fluoranthene	22.88	252	52994	0.415	ng	98
37) Benzo(a)pyrene	23.40	252	42054	0.380	ng	98
38) Dibenzo(a,h)anthracene	25.73	278	48248	0.416	ng	100
39) Benzo(g,h,i)perylene	26.38	276	46071	0.402	ng	98

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Sep 14 02:59:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

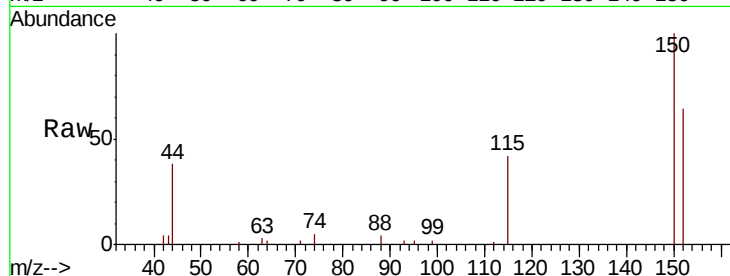
Tot Ion:152 Resp: 8087

Ion Ratio Lower Upper

152 100

150 157.3 122.4 183.6

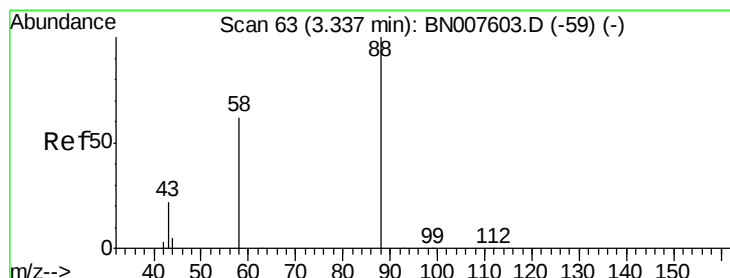
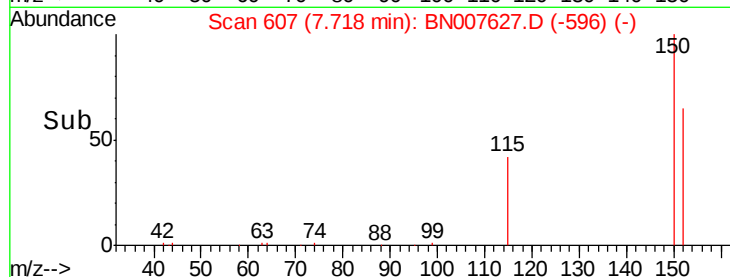
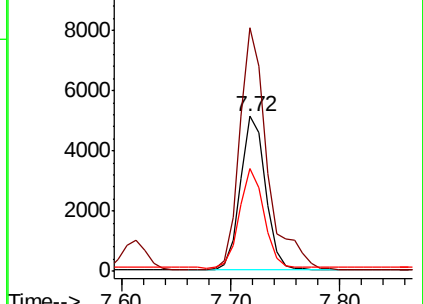
115 66.4 50.4 75.6



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: 0.385 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

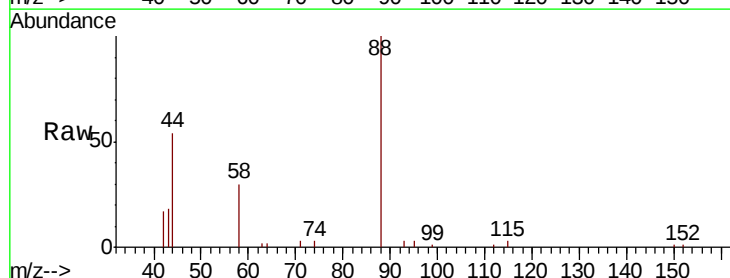
Tgt Ion: 88 Resp: 3730

Ion Ratio Lower Upper

88 100

58 72.5 57.0 85.4

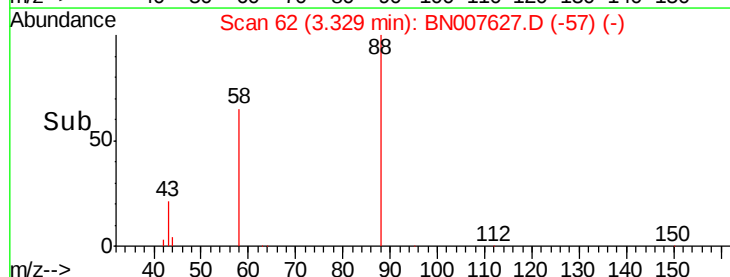
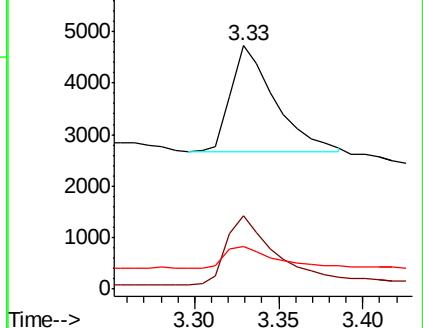
43 24.8 20.0 30.0

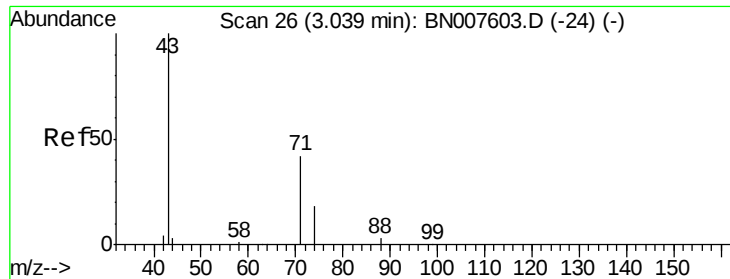


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



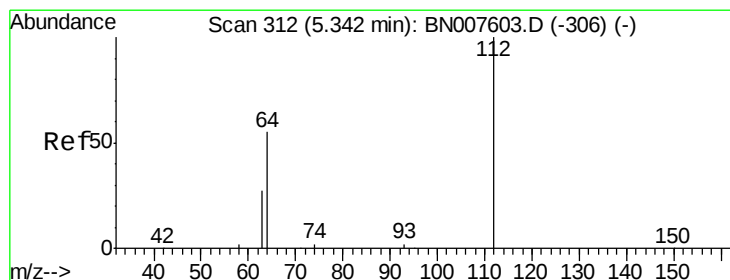
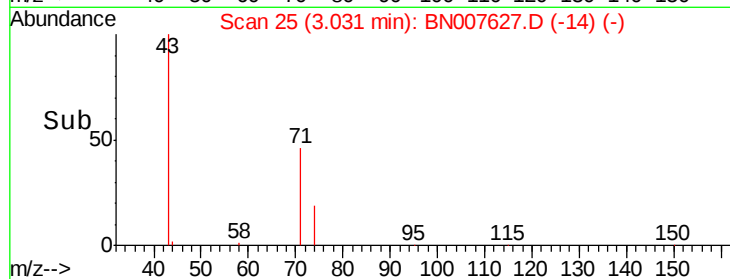
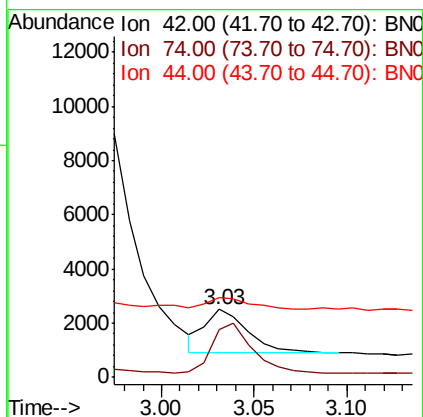
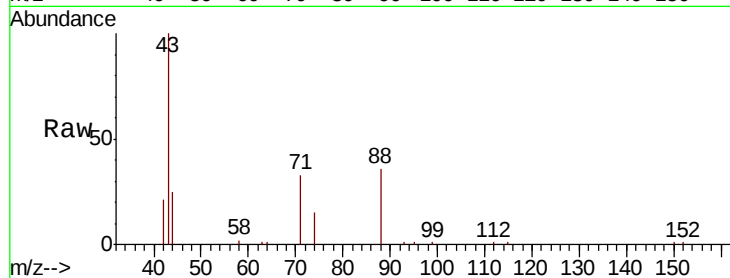


#3

n-Nitrosodimethylamine
 Concen: 0.581 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007627.D
 Acq: 13 Sep 2019 15:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

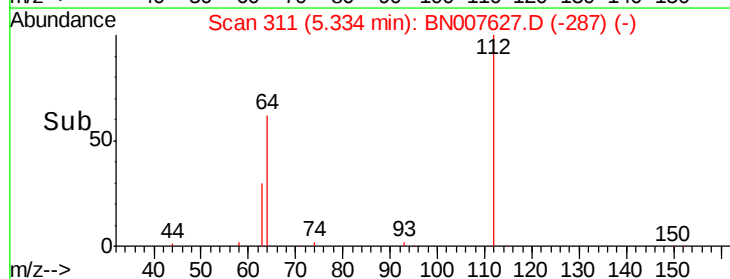
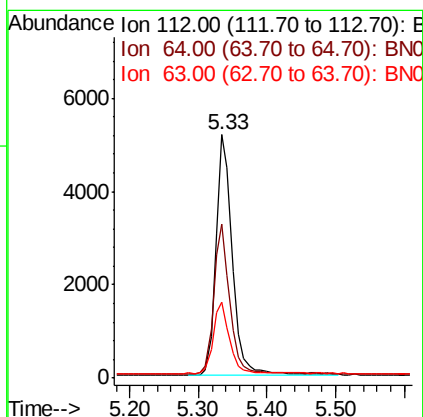
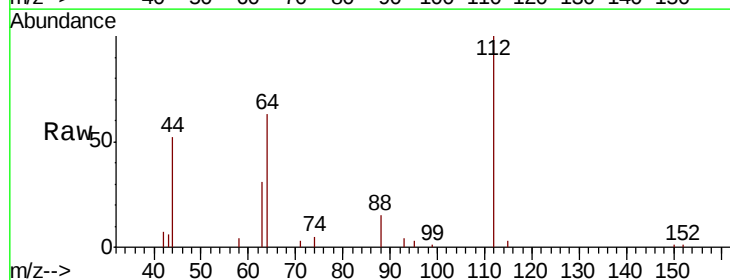
Tot Ion: 42 Resp: 2553
 Ion Ratio Lower Upper
 42 100
 74 109.8 9.8 14.8#
 44 25.2 0.0 0.0#

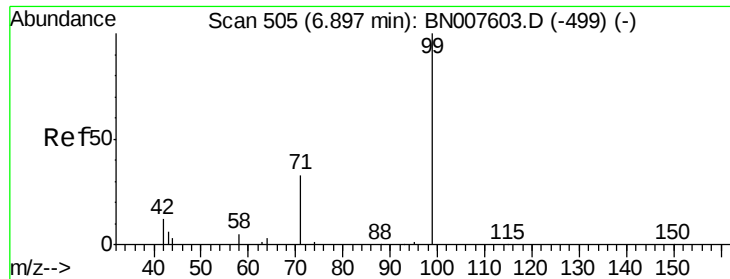


#4

2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007627.D
 Acq: 13 Sep 2019 15:15

Tgt Ion: 112 Resp: 8672
 Ion Ratio Lower Upper
 112 100
 64 61.8 48.5 72.7
 63 30.6 24.4 36.6





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

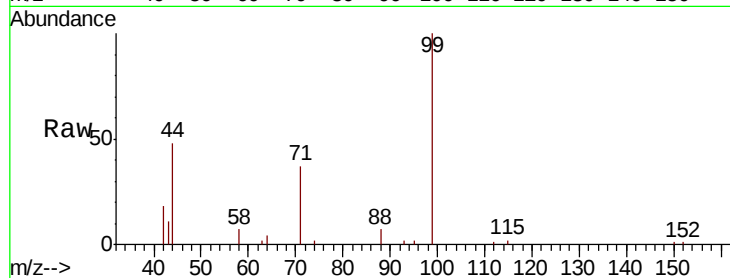
Tot Ion: 99 Resp: 11217

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.6

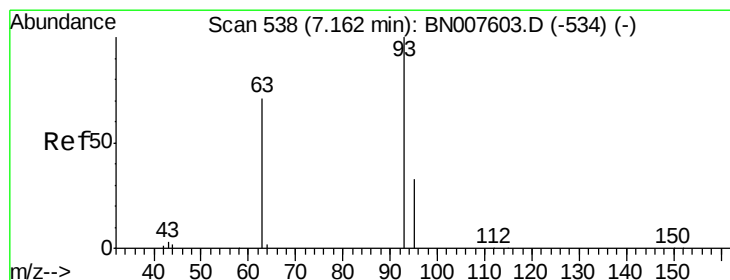
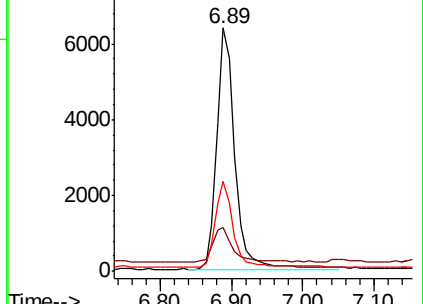
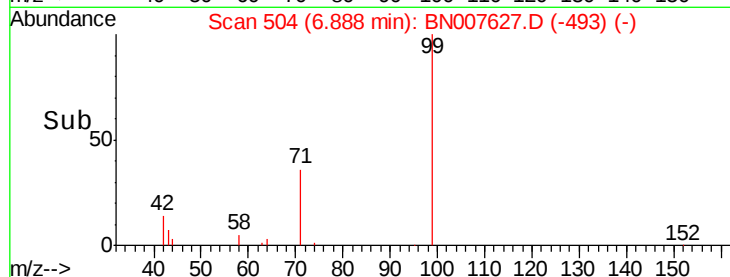
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

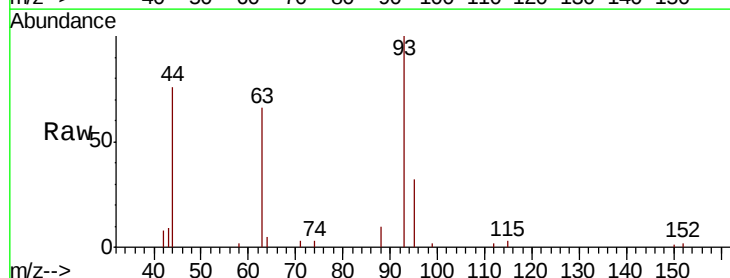
Tgt Ion: 93 Resp: 8607

Ion Ratio Lower Upper

93 100

63 78.5 61.2 91.8

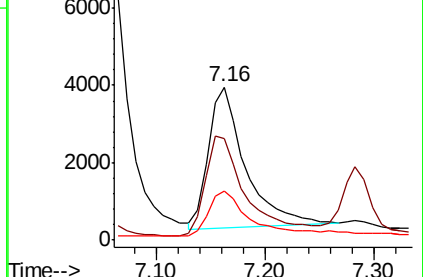
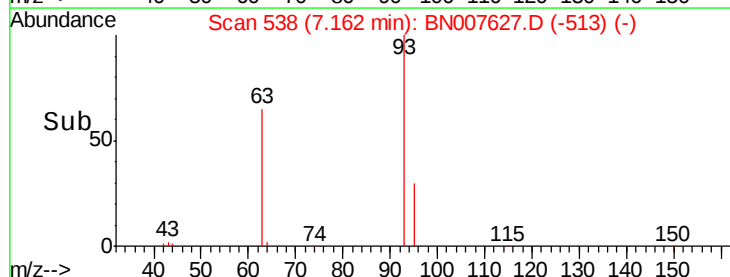
95 38.9 27.2 40.8

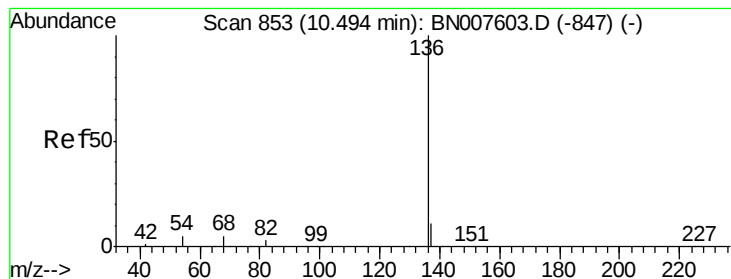


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 31303

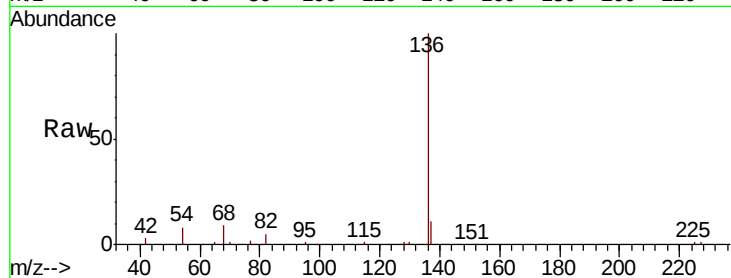
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 4.2 6.4#

68 8.9 4.6 7.0#

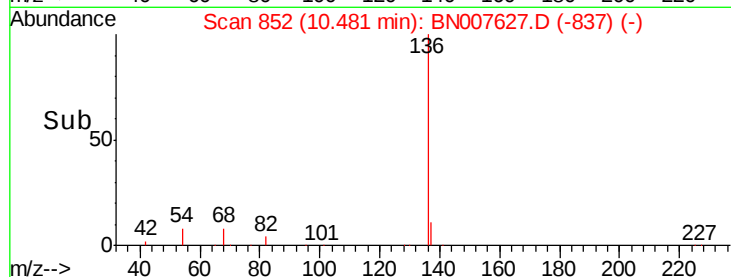


Abundance Ion 136.00 (135.70 to 136.70): E

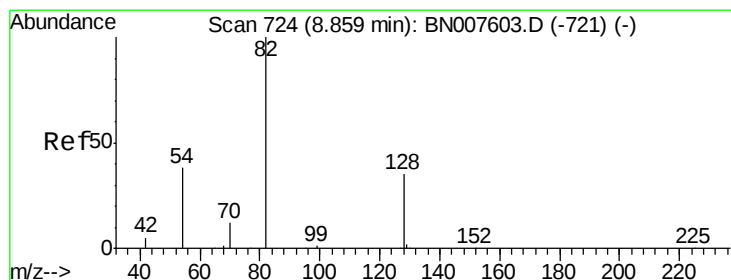
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.30 10.40 10.50 10.60



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

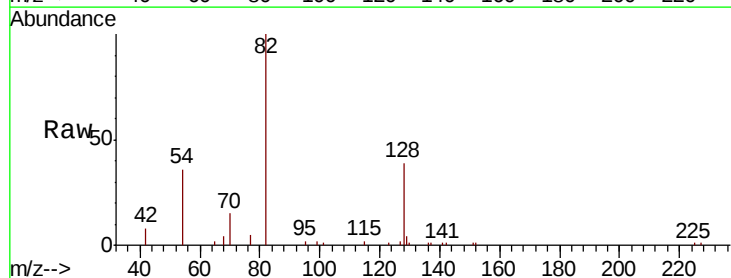
Tgt Ion: 82 Resp: 9570

Ion Ratio Lower Upper

82 100

128 39.3 27.9 41.9

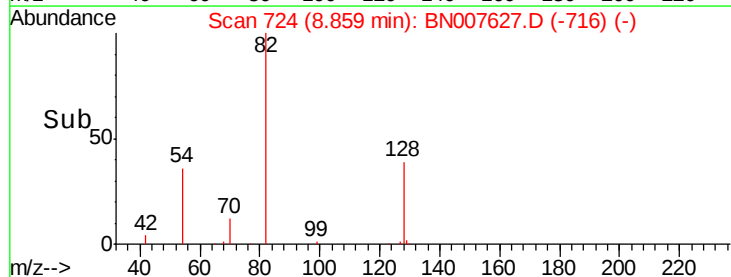
54 36.4 30.9 46.3



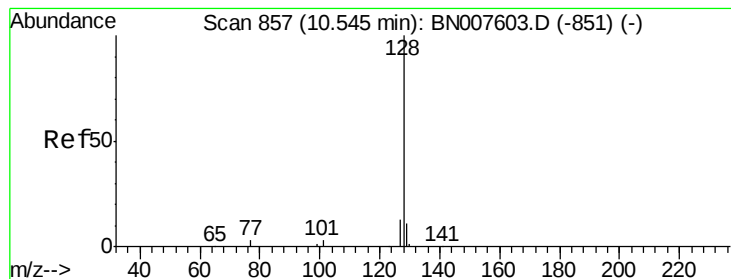
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.80 8.85 8.90



#9

Naphthalene

Concen: 0.426 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

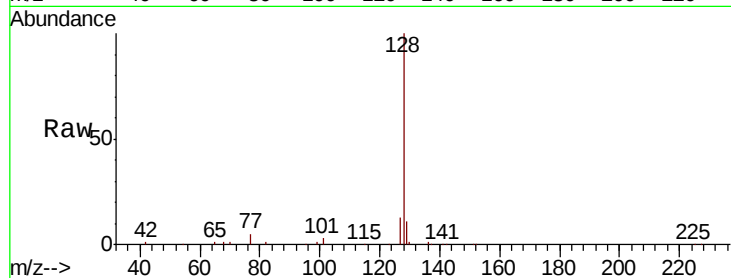
Tot Ion:128 Resp: 38196

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

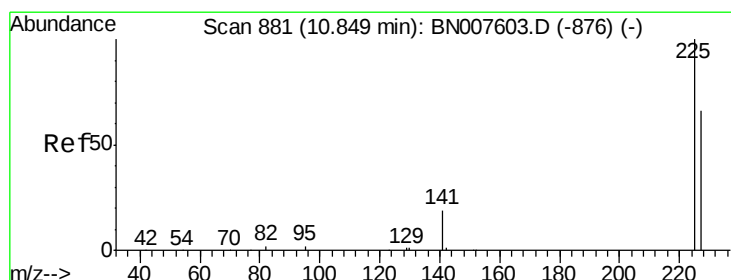
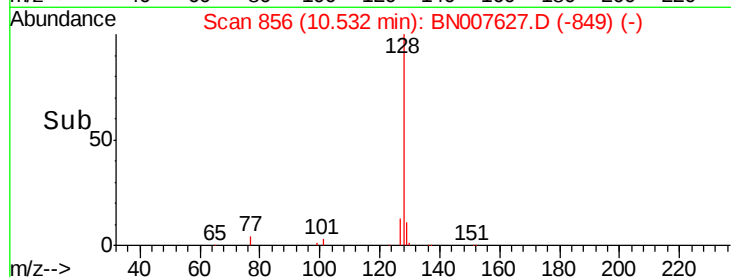
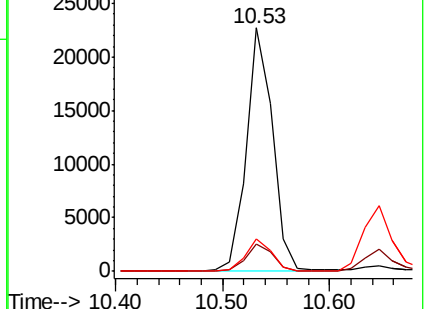
127 13.5 10.4 15.6



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: 0.418 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

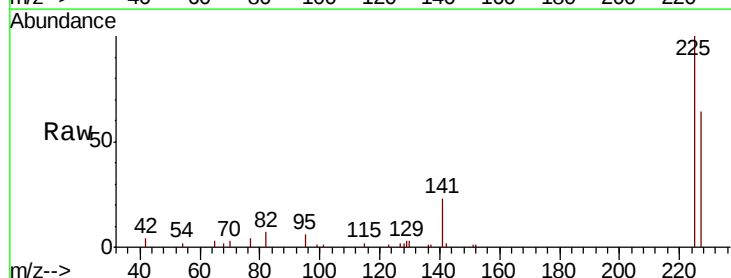
Tgt Ion:225 Resp: 7563

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

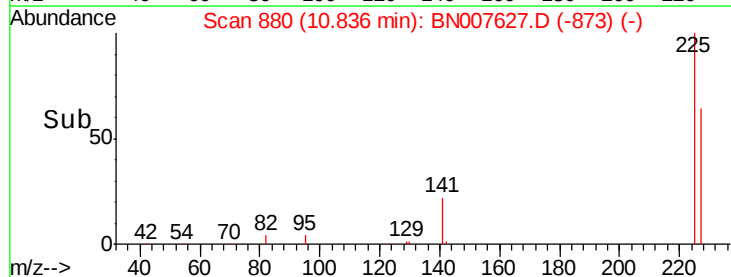
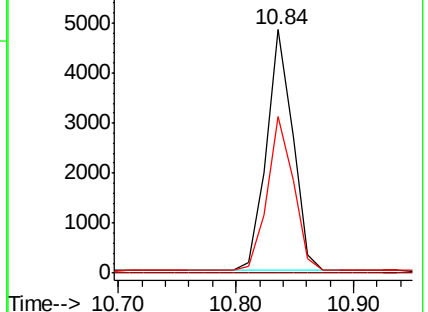
227 64.0 51.3 76.9

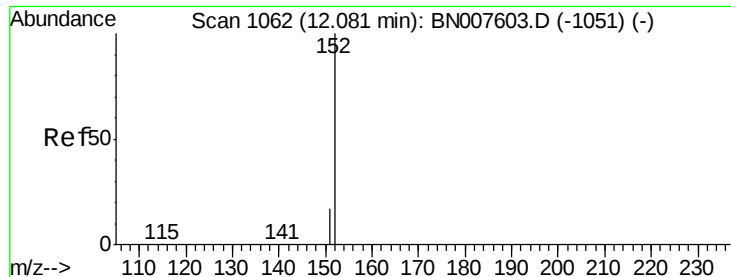


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

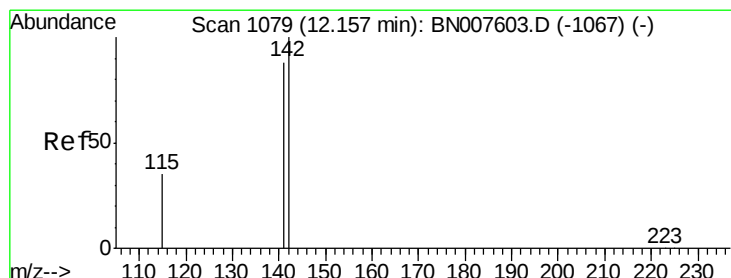
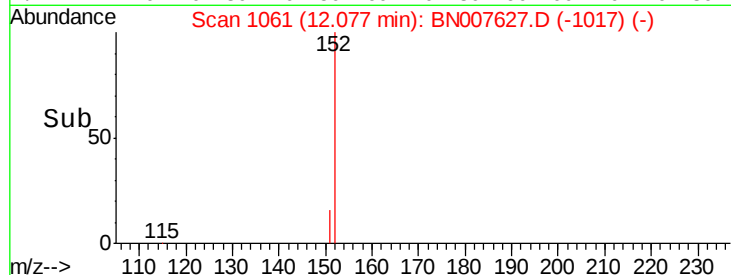
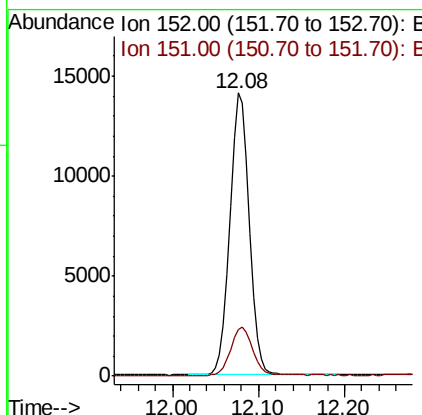
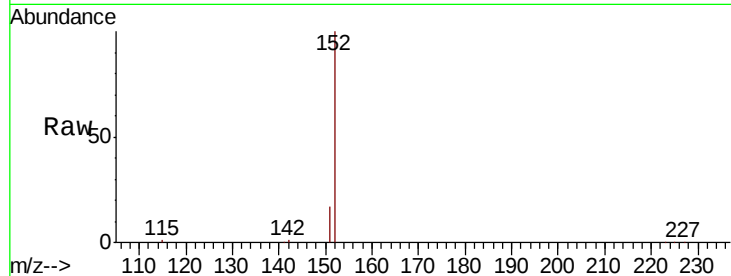




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007627.D
 Acq: 13 Sep 2019 15:15

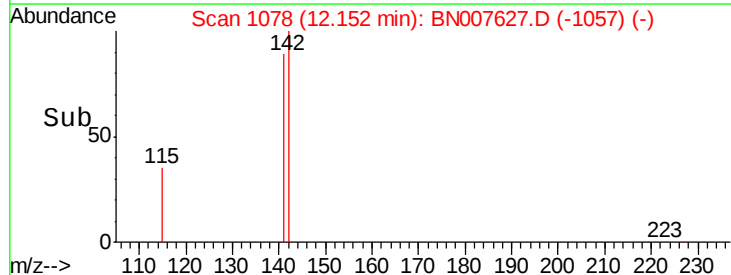
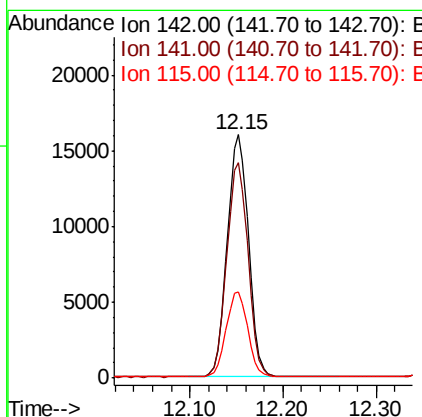
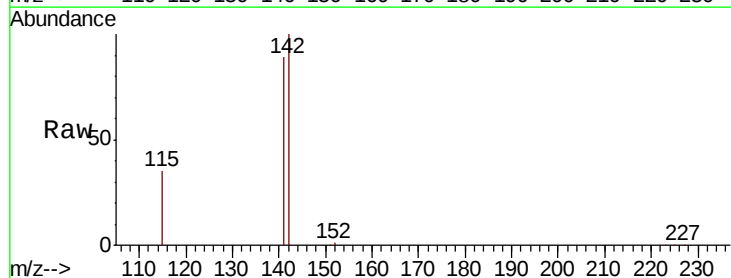
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 22008
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.419 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007627.D
 Acq: 13 Sep 2019 15:15

Tgt Ion:142 Resp: 25271
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.5 105.7
 115 35.3 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

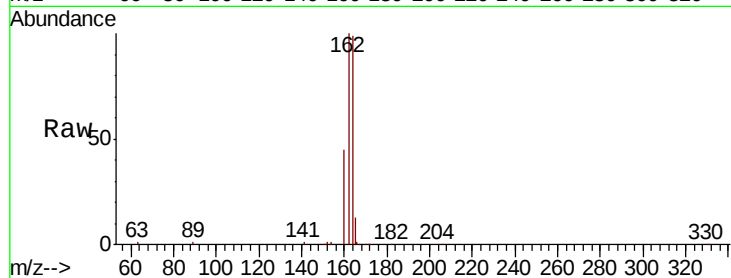
Tot Ion:164 Resp: 17362

Ion Ratio Lower Upper

164 100

162 101.3 82.8 124.2

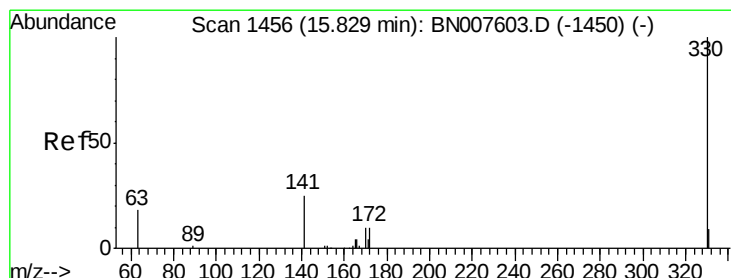
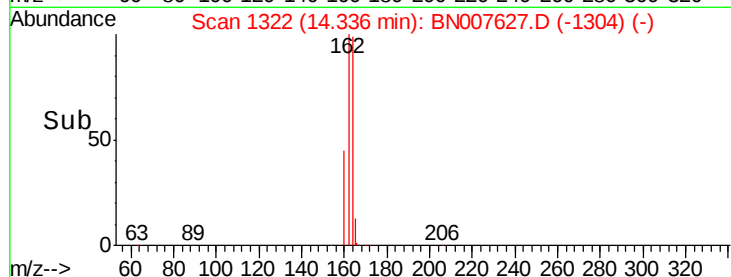
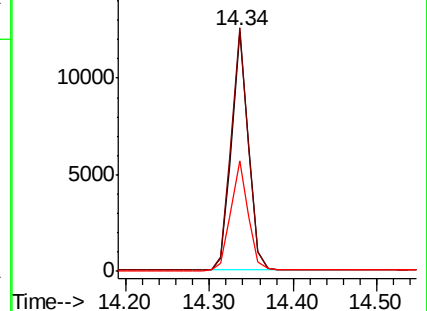
160 45.9 38.0 57.0



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: 0.296 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

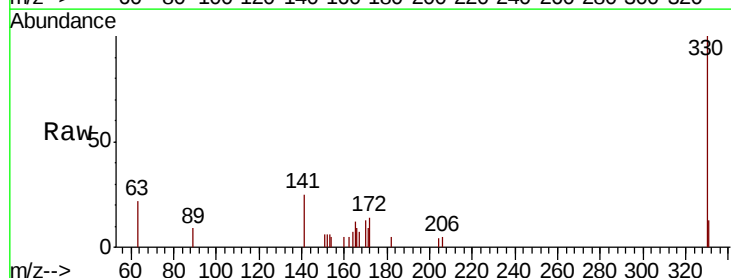
Tgt Ion:330 Resp: 1941

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

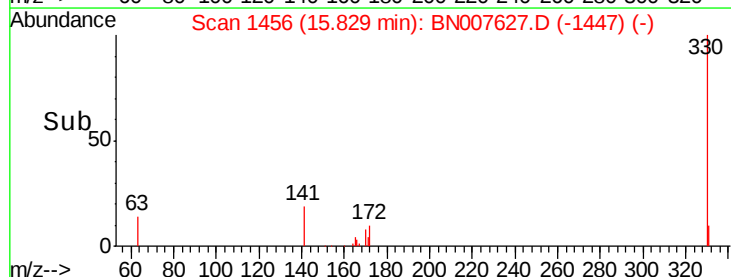
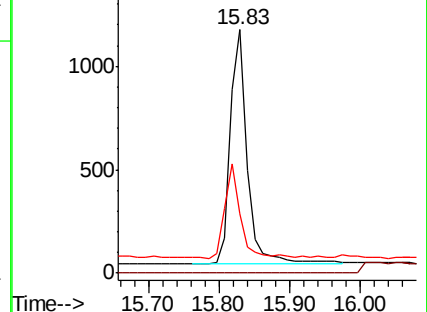
141 35.9 30.1 45.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

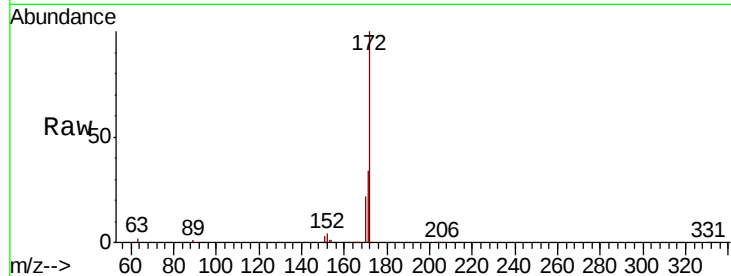




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	21.9	18.5	27.7

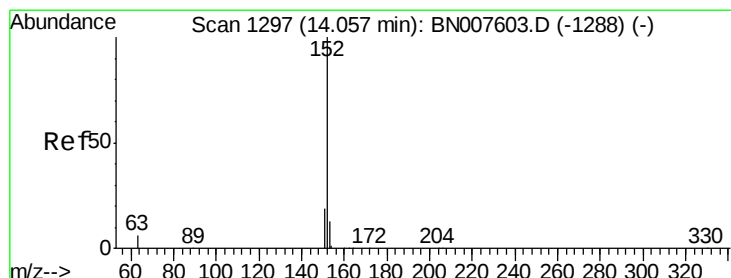
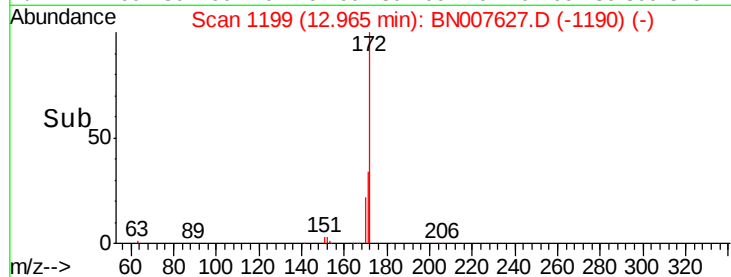
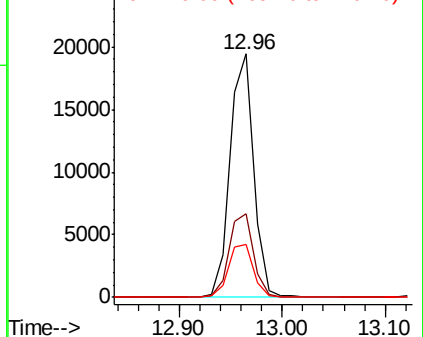


Abundance

Ion 172.00 (171.70 to 172.70): E

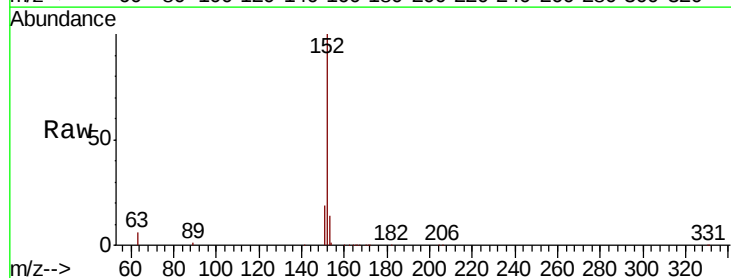
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.4	15.6

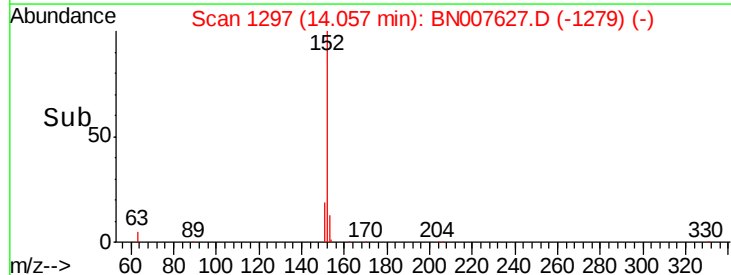
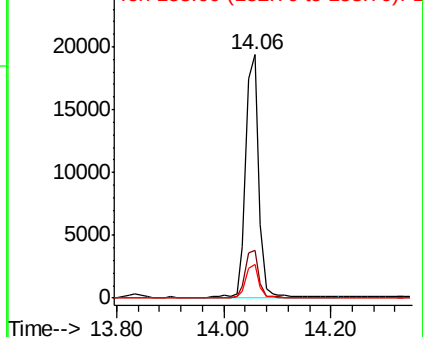


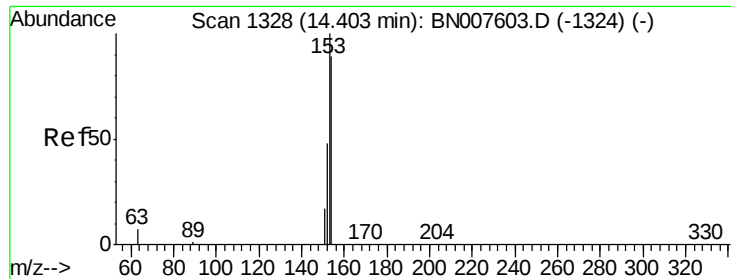
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.388 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

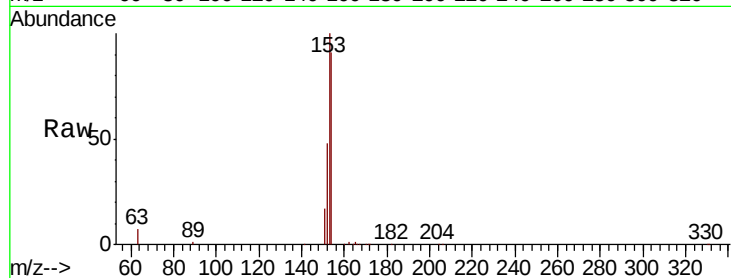
Tot Ion:154 Resp: 22870

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.8

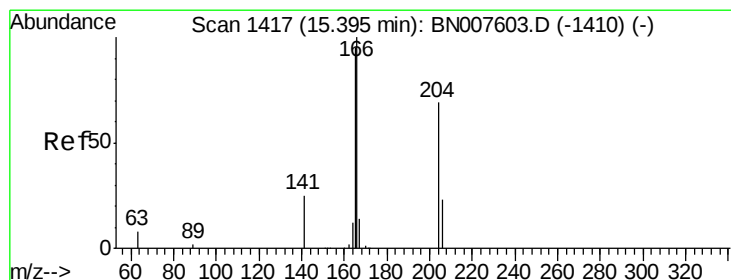
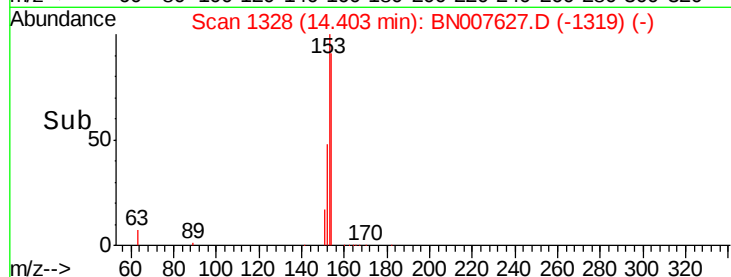
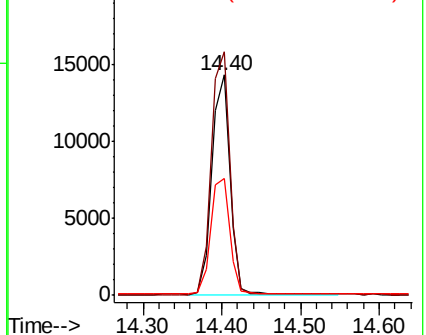
152 55.5 43.8 65.8



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# 1416

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

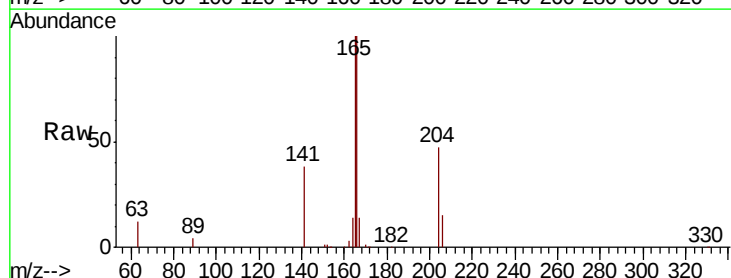
Tgt Ion:166 Resp: 28842

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

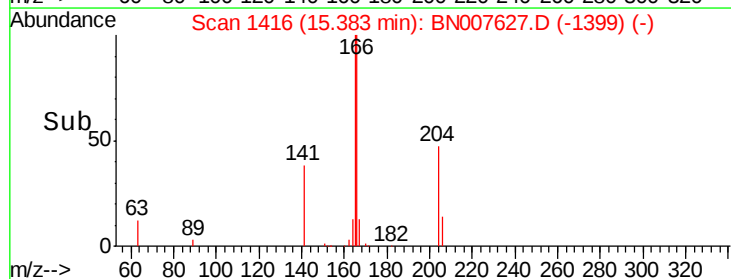
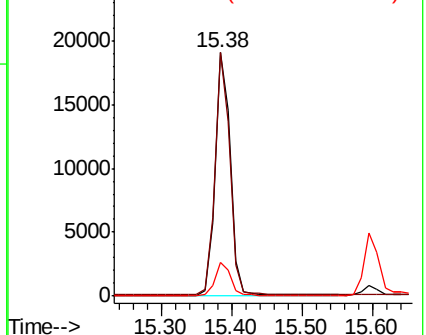
167 13.6 10.8 16.2

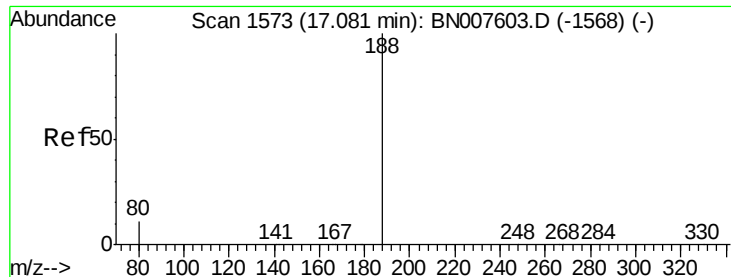


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

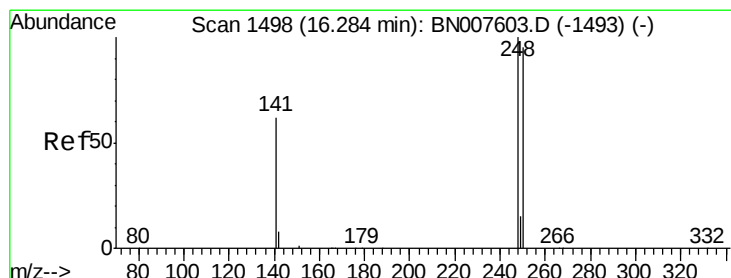
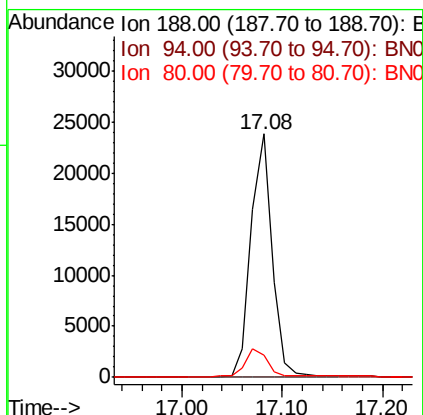
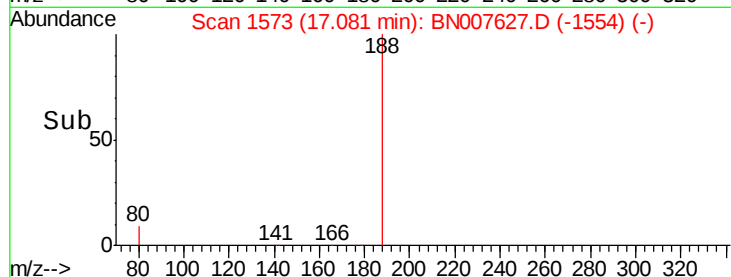
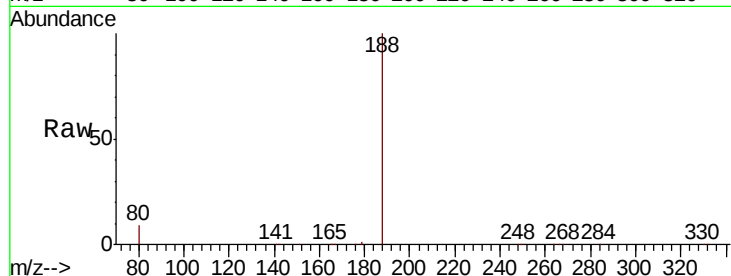
Tot Ion:188 Resp: 34881

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 8.8 13.2



#20

4-Bromophenyl-phenylether

Concen: 0.429 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

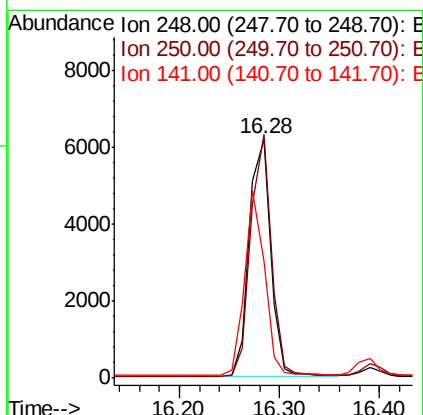
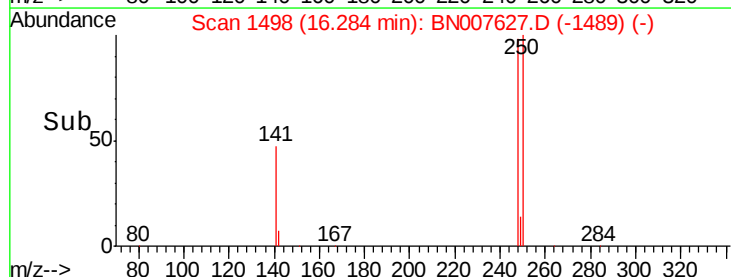
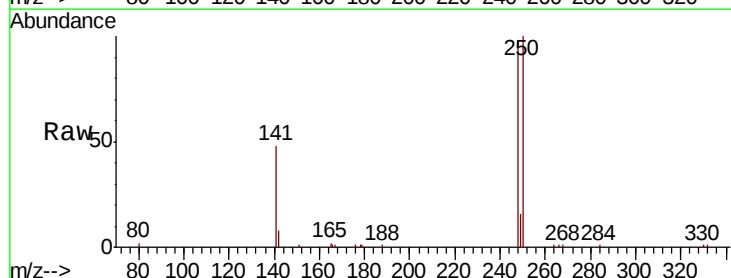
Tgt Ion:248 Resp: 9251

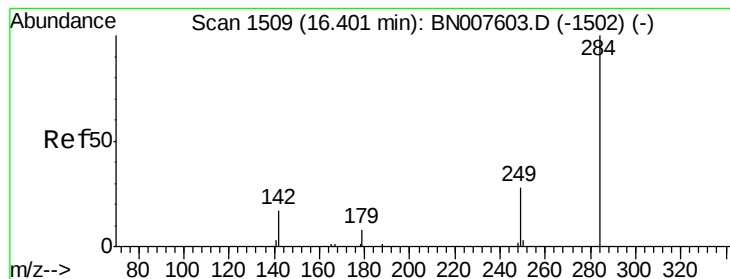
Ion Ratio Lower Upper

248 100

250 101.8 76.3 114.5

141 48.7 49.7 74.5#





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

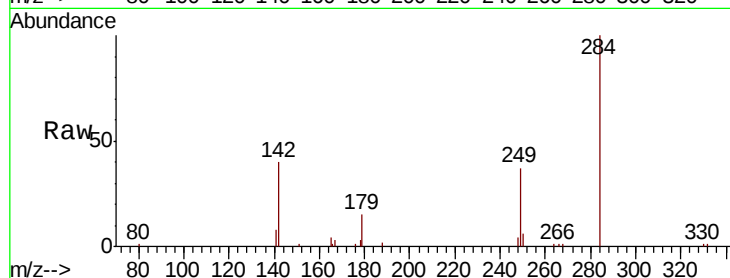
Tot Ion:284 Resp: 9985

Ion Ratio Lower Upper

284 100

142 36.0 27.8 41.6

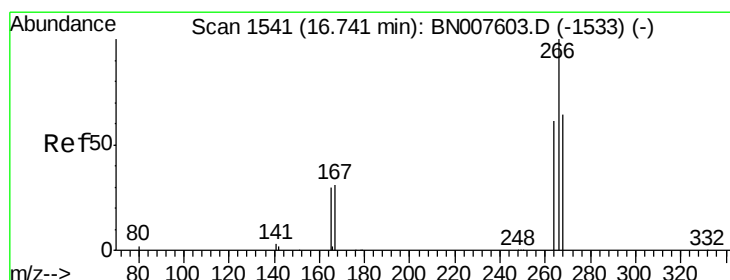
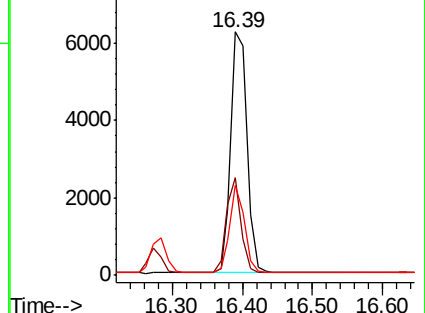
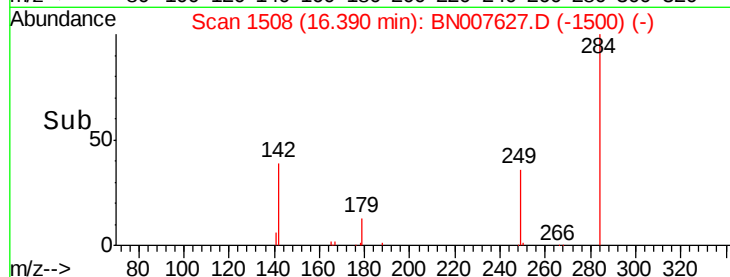
249 32.1 25.5 38.3



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: 0.345 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

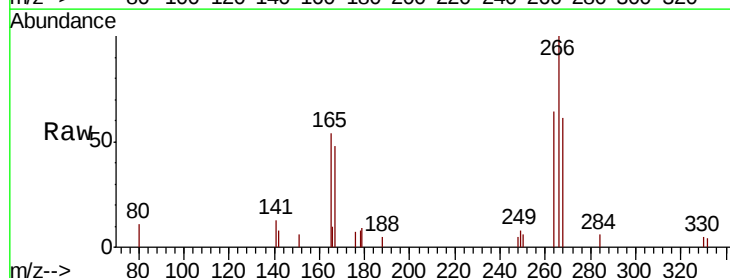
Tgt Ion:266 Resp: 2067

Ion Ratio Lower Upper

266 100

264 64.2 49.4 74.0

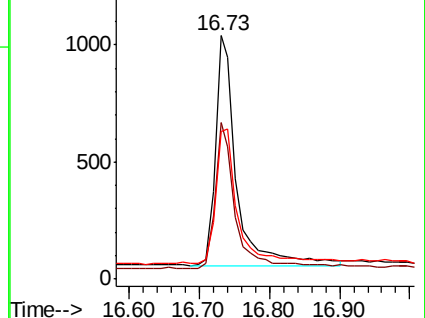
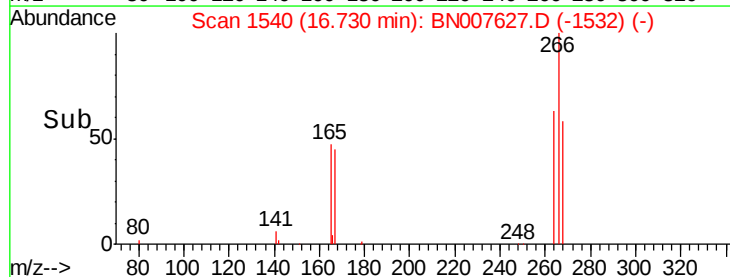
268 60.8 53.0 79.6

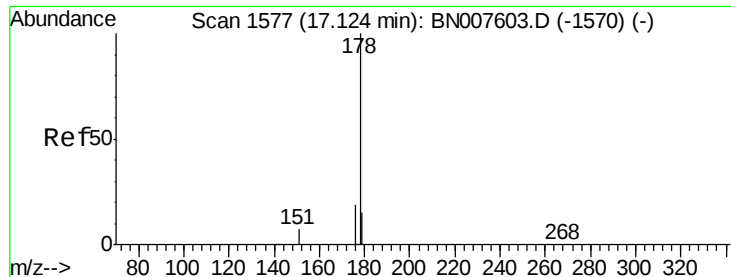


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.428 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

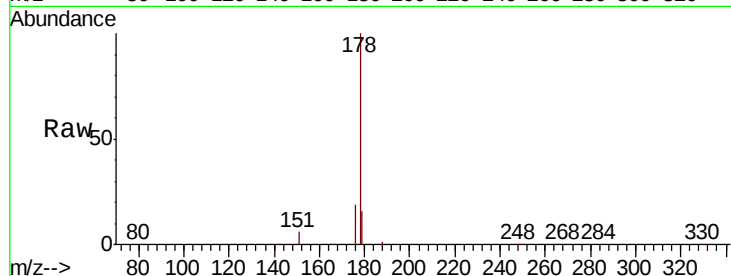
Tot Ion:178 Resp: 47076

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

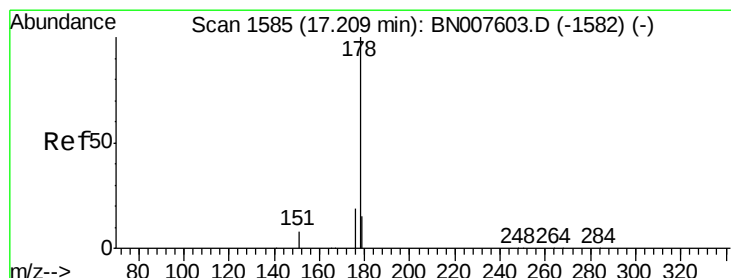
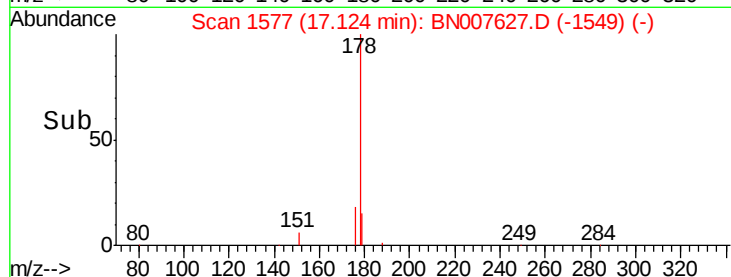
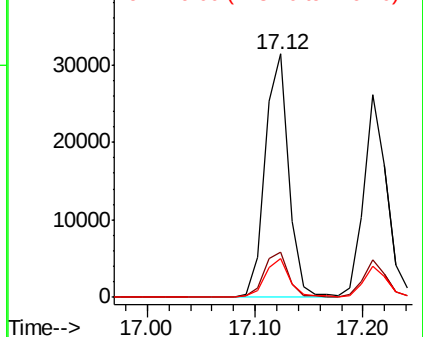
179 15.5 12.4 18.6



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: 0.399 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

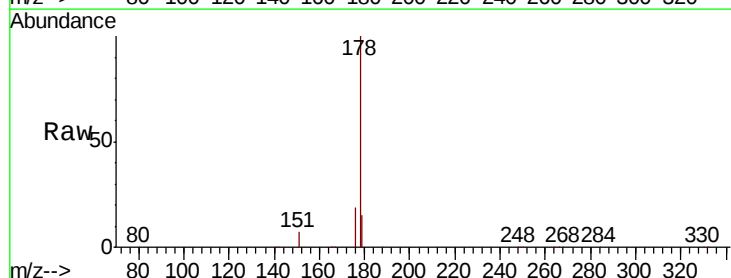
Tgt Ion:178 Resp: 38909

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

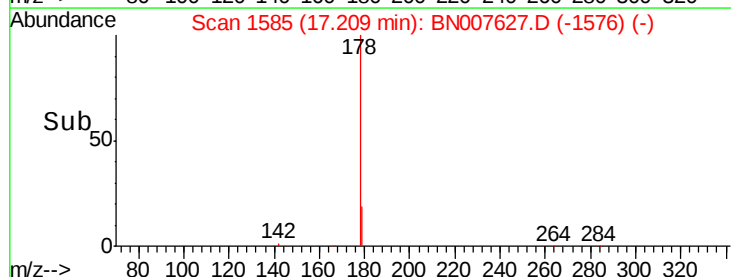
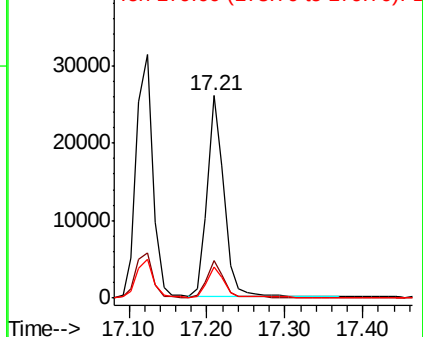
179 15.1 12.4 18.6

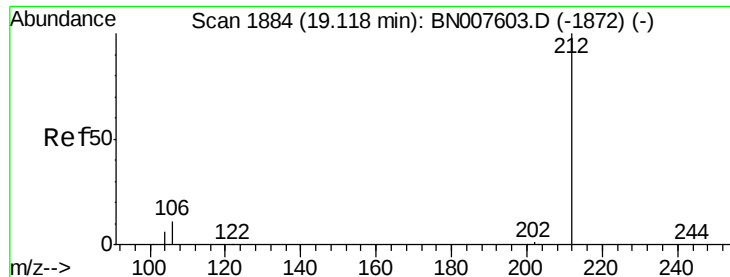


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

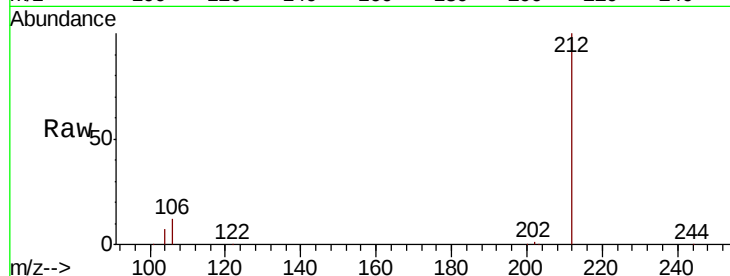
Tot Ion:212 Resp: 44868

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

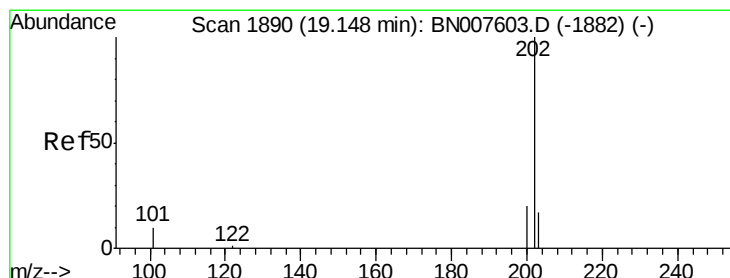
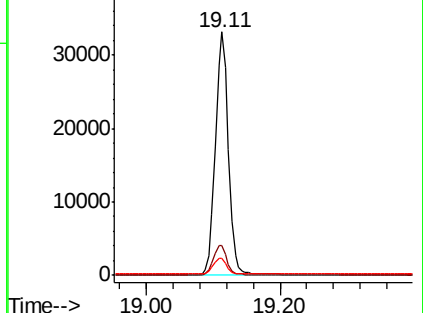
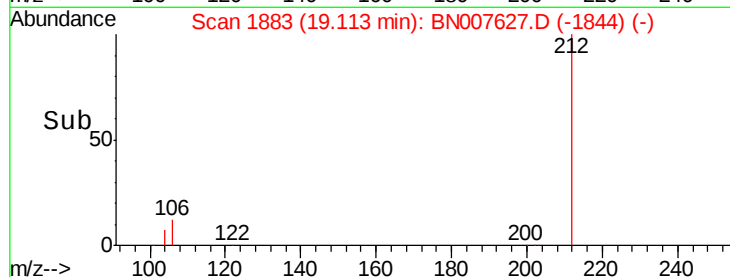
104 6.9 5.4 8.0



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: 0.412 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

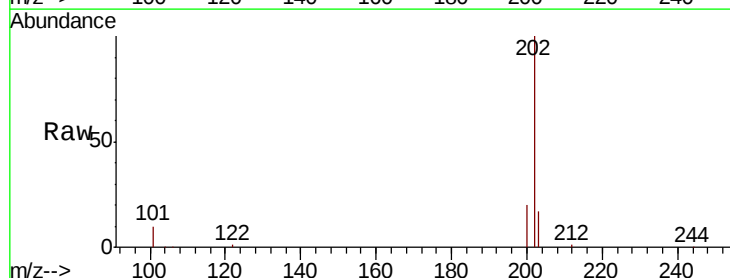
Tgt Ion:202 Resp: 53033

Ion Ratio Lower Upper

202 100

101 11.1 8.6 13.0

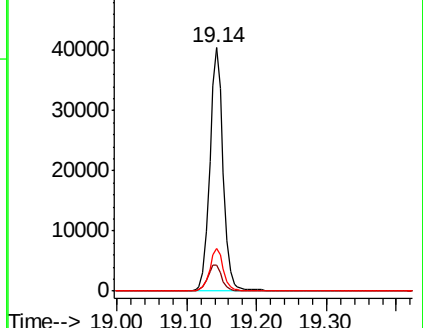
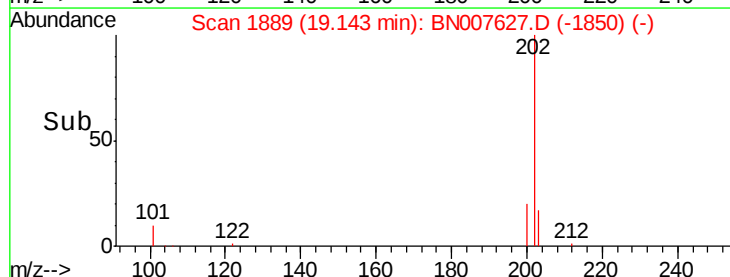
203 17.3 13.8 20.6

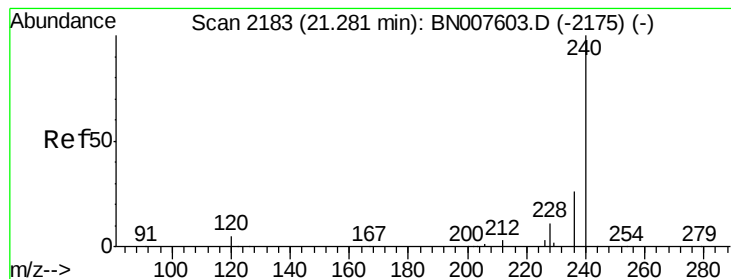


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

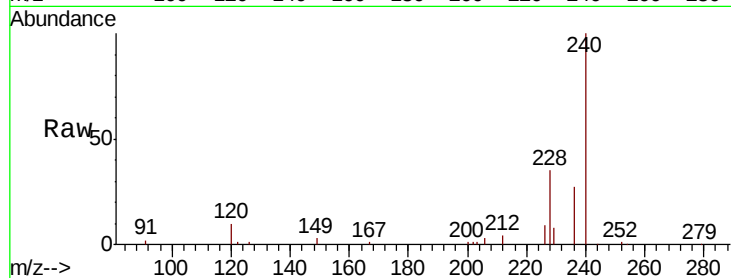
Tot Ion:240 Resp: 33903

Ion Ratio Lower Upper

240 100

120 10.0 4.3 6.5#

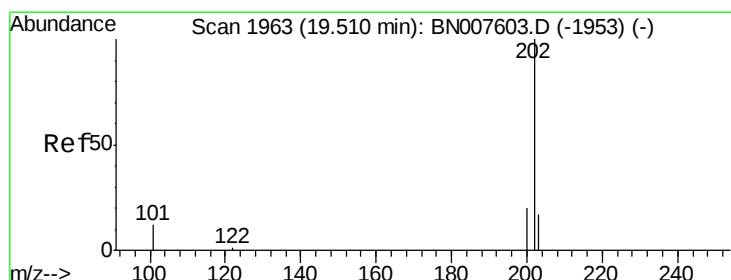
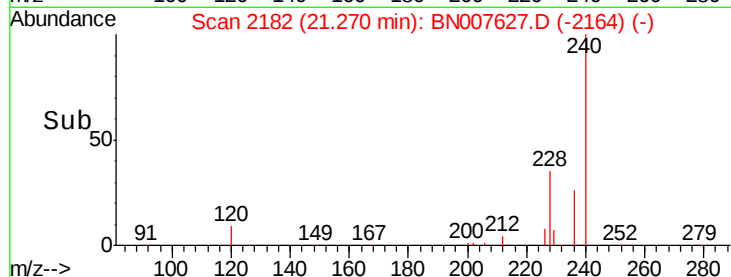
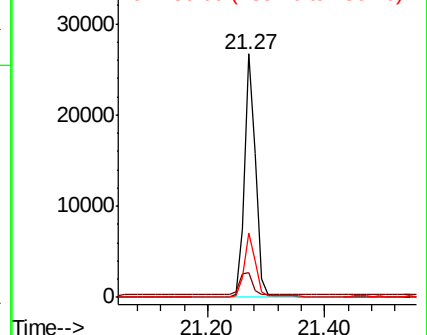
236 26.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.427 ng

RT: 19.50 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

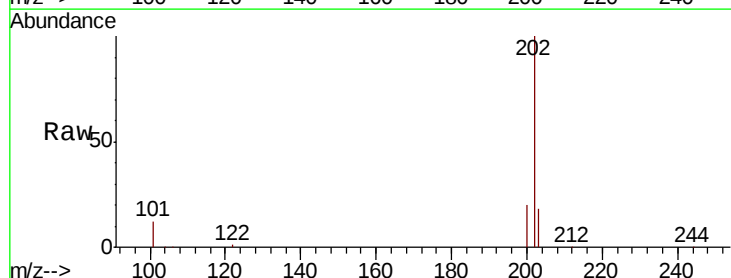
Tgt Ion:202 Resp: 52638

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

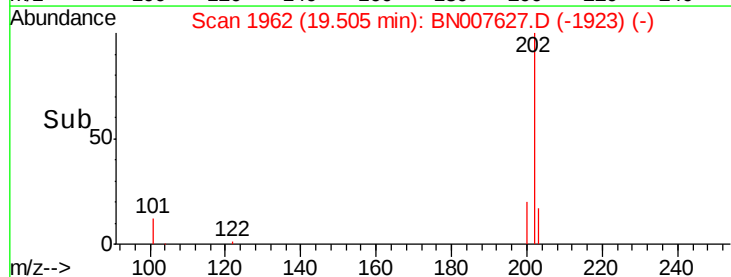
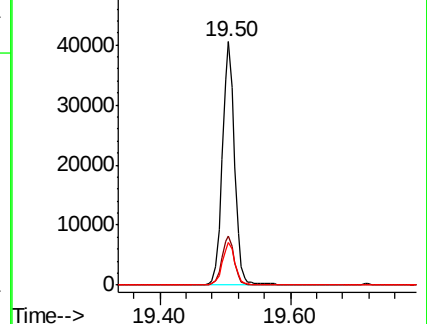
203 17.6 14.0 21.0

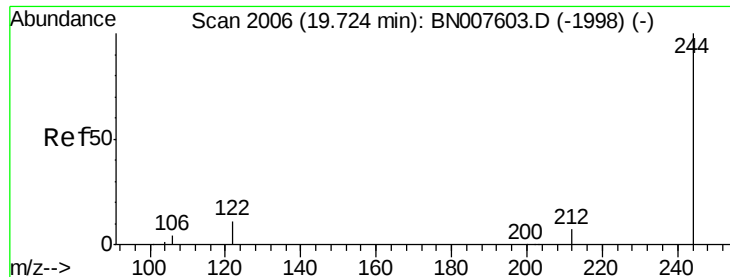


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

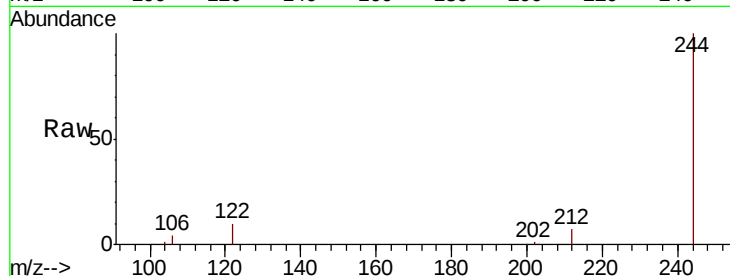
Tot Ion:244 Resp: 37806

Ion Ratio Lower Upper

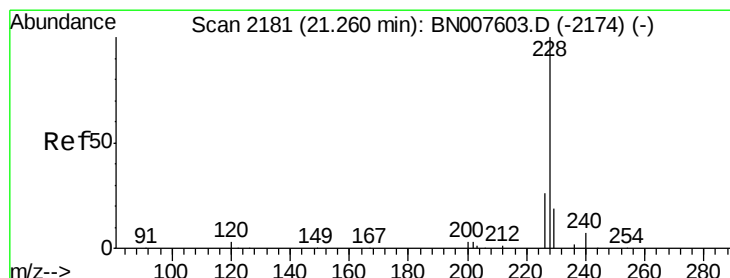
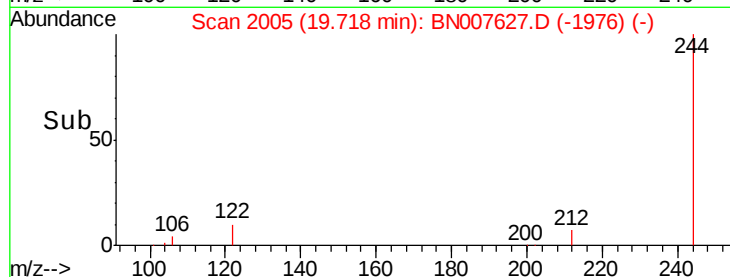
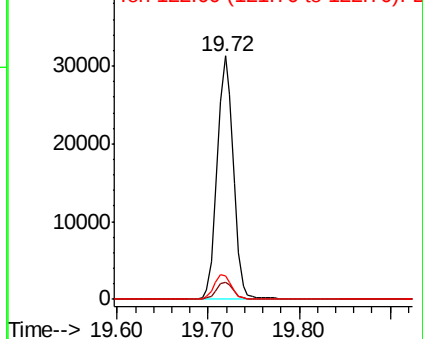
244 100

212 7.2 5.9 8.9

122 9.9 8.6 12.8



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: 0.380 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

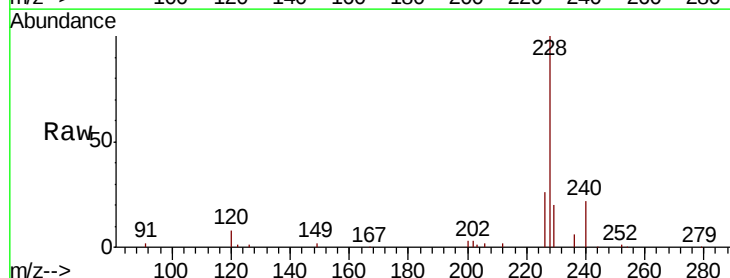
Tgt Ion:228 Resp: 45690

Ion Ratio Lower Upper

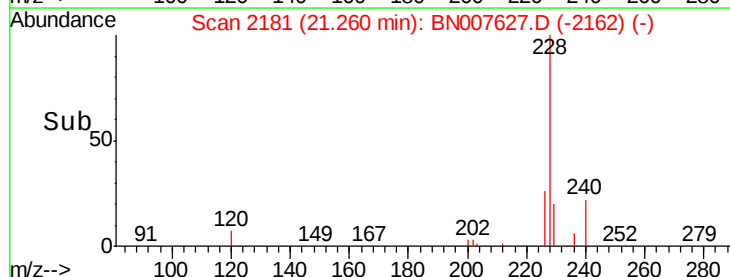
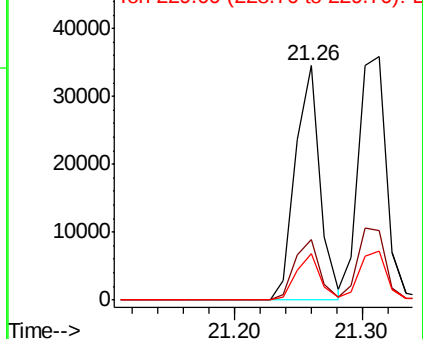
228 100

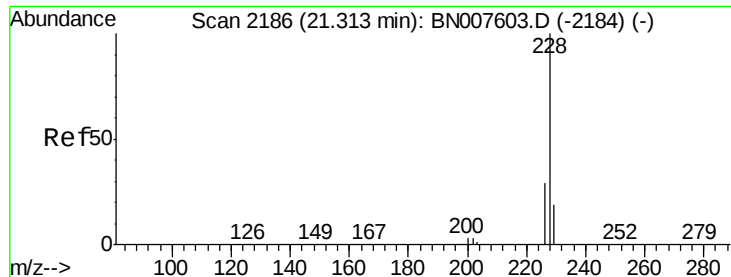
226 25.8 21.2 31.8

229 19.9 15.5 23.3



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: 0.432 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

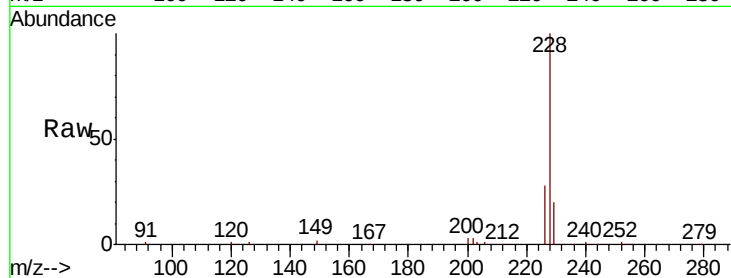
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 53983

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.2	15.5	23.3

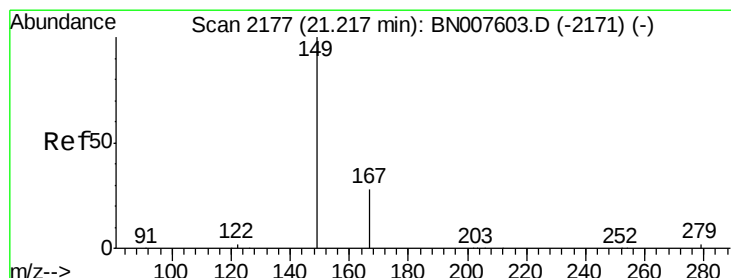
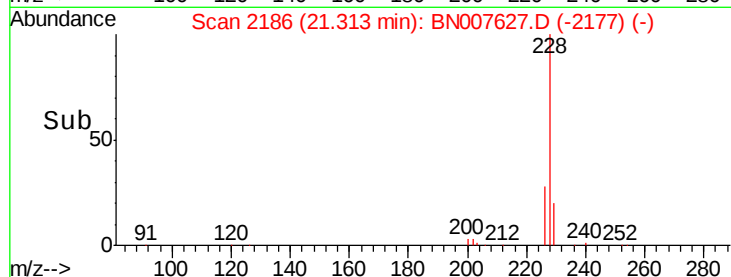
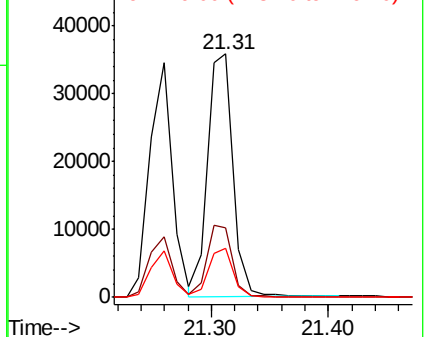


Abundance

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: 0.313 ng

RT: 21.21 min Scan# 2176

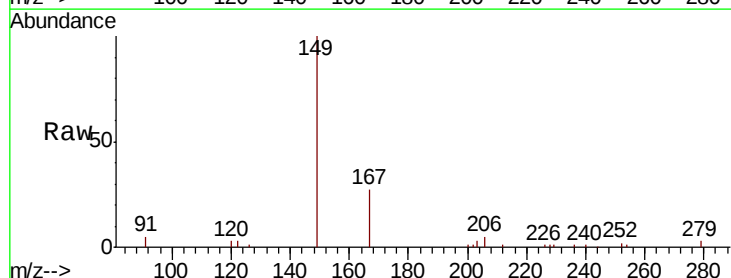
Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Tgt Ion:149 Resp: 12735

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	4.9	3.8	5.6

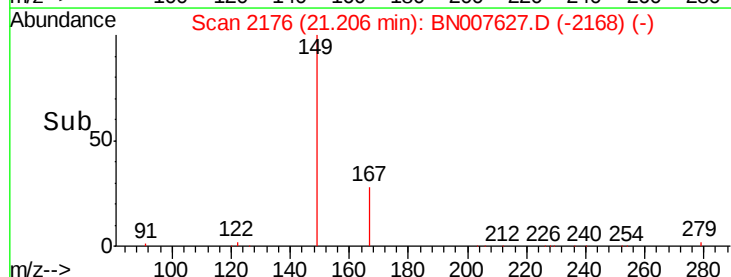
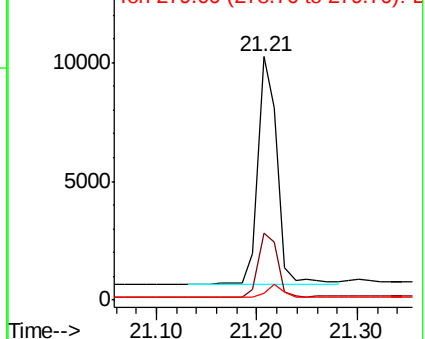


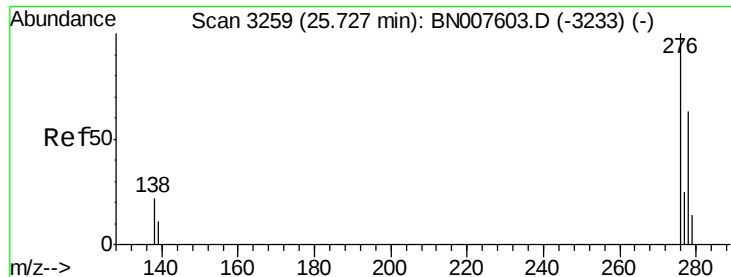
Abundance

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: 0.440 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

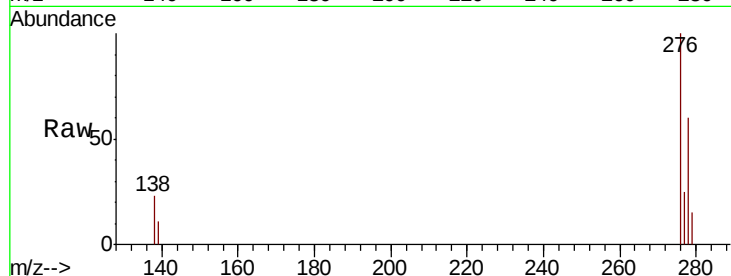
Tot Ion:276 Resp: 58823

Ion Ratio Lower Upper

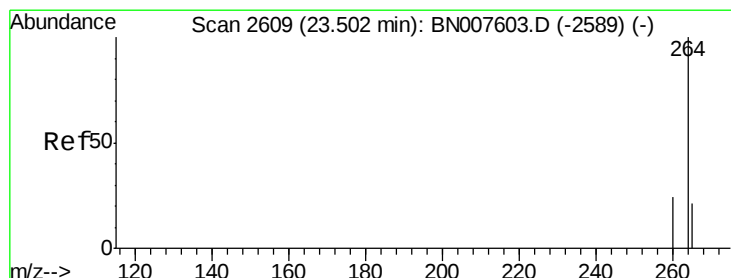
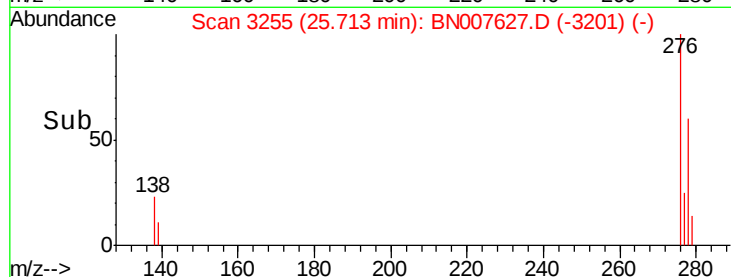
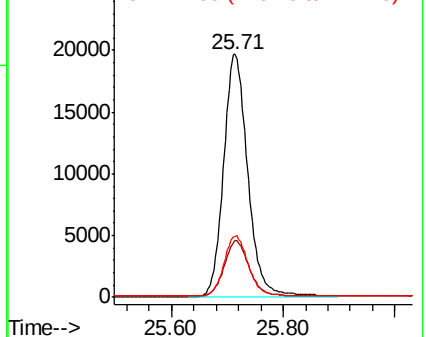
276 100

138 23.4 18.2 27.4

277 25.3 20.1 30.1



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: 23.50 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

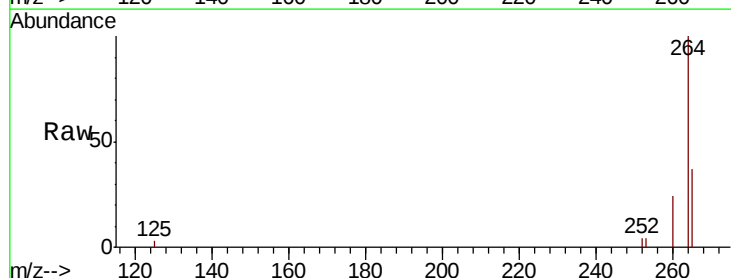
Tgt Ion:264 Resp: 34353

Ion Ratio Lower Upper

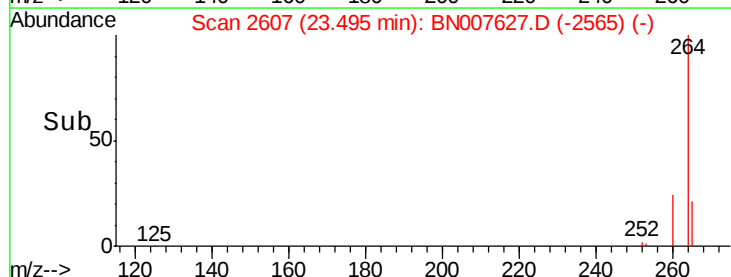
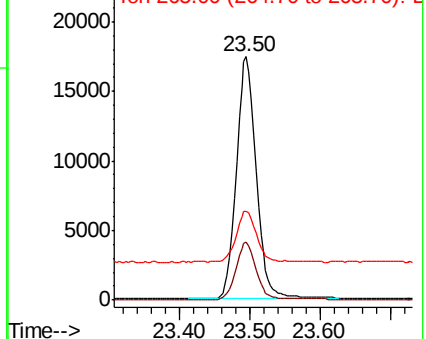
264 100

260 24.0 19.1 28.7

265 36.6 24.6 37.0



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

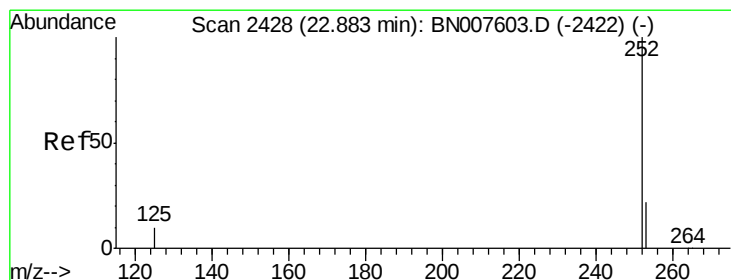
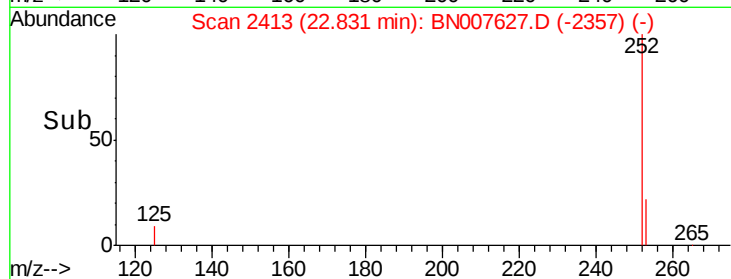
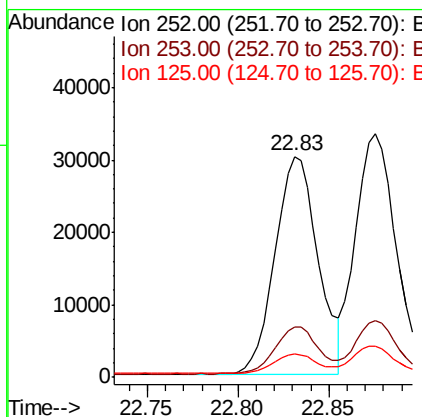
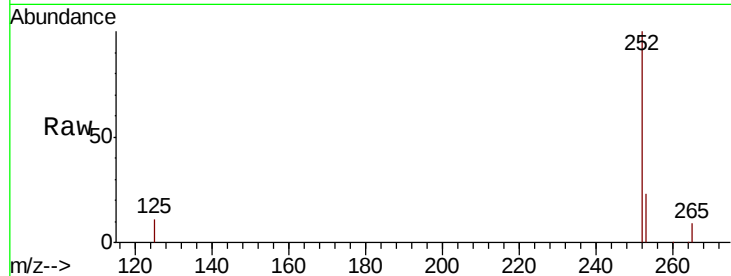




#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

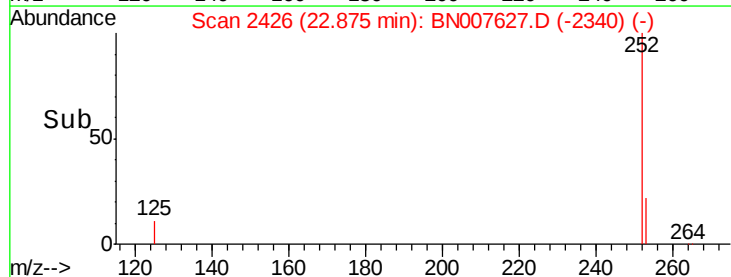
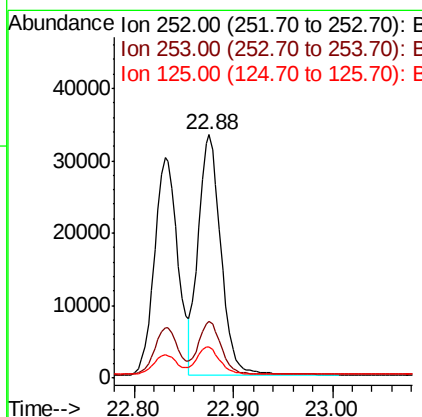
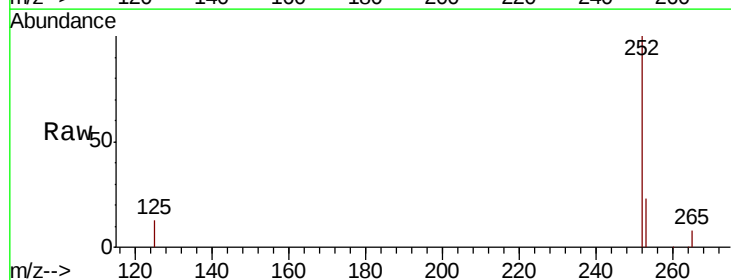
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

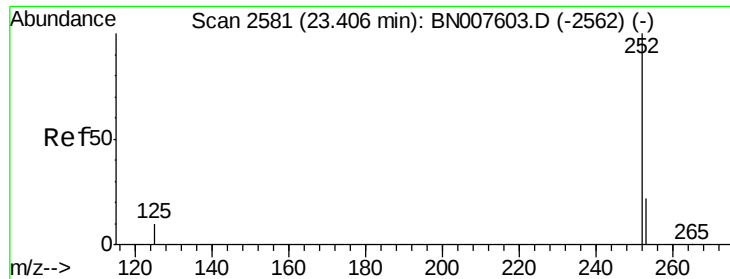
Tot Ion:252 Resp: 49775
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.6 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:252 Resp: 52994
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 12.9 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.40 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

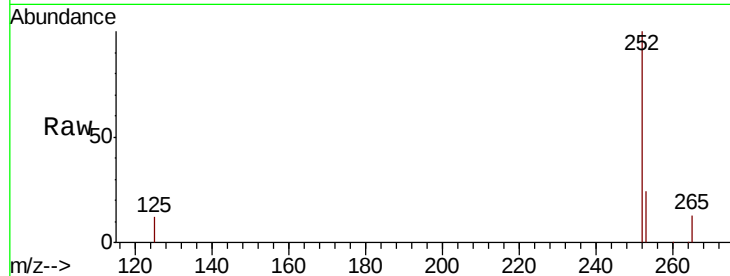
Tot Ion:252 Resp: 42054

Ion Ratio Lower Upper

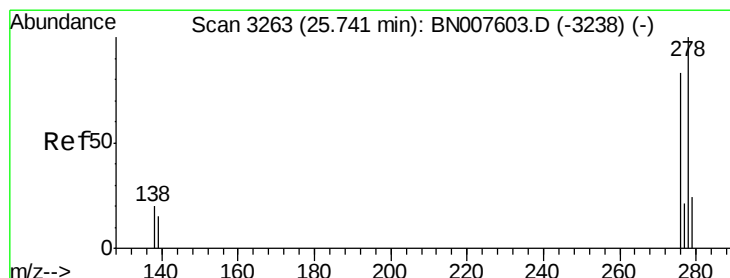
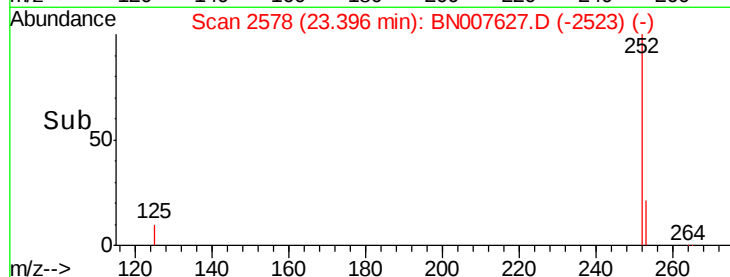
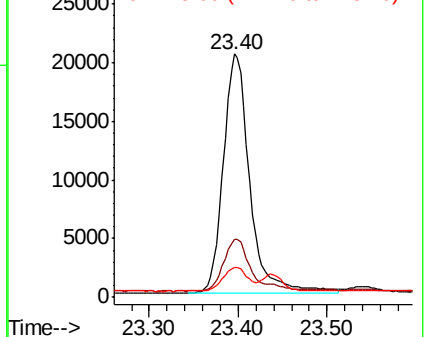
252 100

253 23.6 18.3 27.5

125 12.5 8.9 13.3



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: 0.416 ng

RT: 25.73 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

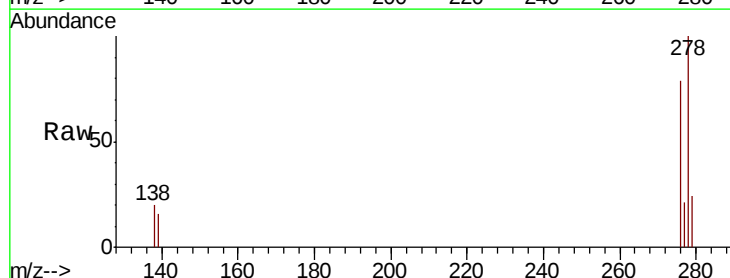
Tgt Ion:278 Resp: 48248

Ion Ratio Lower Upper

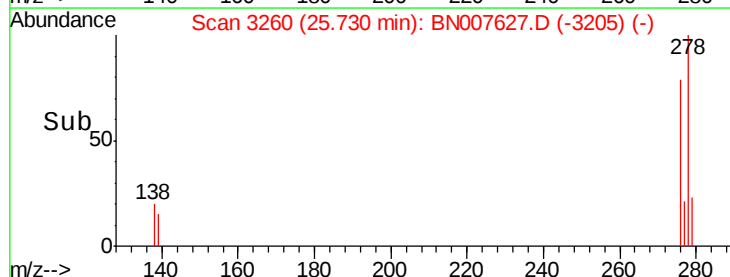
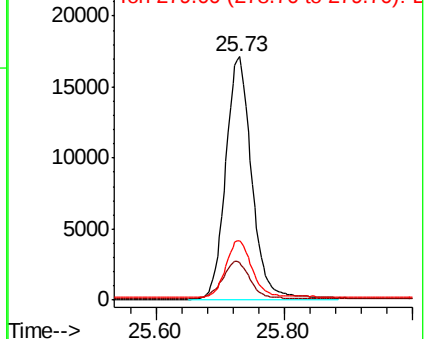
278 100

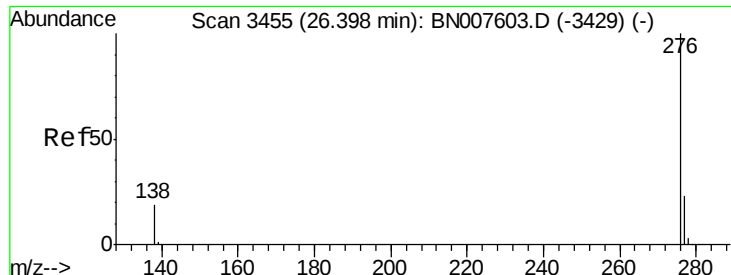
139 15.6 12.6 18.8

279 24.5 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 26.38 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN007627.D

Acq: 13 Sep 2019 15:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

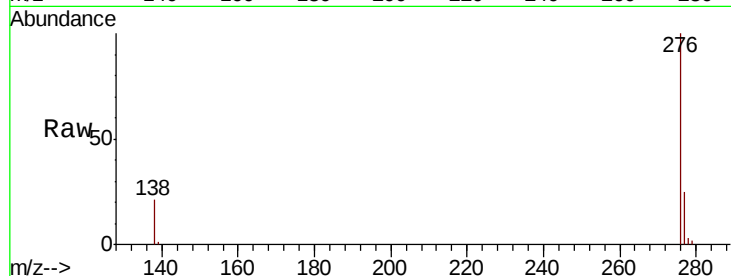
Tot Ion: 276 Resp: 46071

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 20.6 15.8 23.6



Abundance

Ion 276.00 (275.70 to 276.70): E

20000

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

