

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
 Data File : BN007536.D
 Acq On : 05 Sep 2019 15:34
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 06 02:03:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6790	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	31503	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	18581	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	44352	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	43010	0.40	ng	-0.01
34) Perylene-d12	23.11	264	43666	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	7845	0.33	ng	-0.02
5) Phenol-d6	6.58	99	10034	0.33	ng	0.00
8) Nitrobenzene-d5	8.52	82	9131	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.75	152	20871	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	2792	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	29409	0.39	ng	-0.01
25) Fluoranthene-d10	18.84	212	52970	0.37	ng	0.00
29) Terphenyl-d14	19.45	244	42637	0.38	ng	-0.01

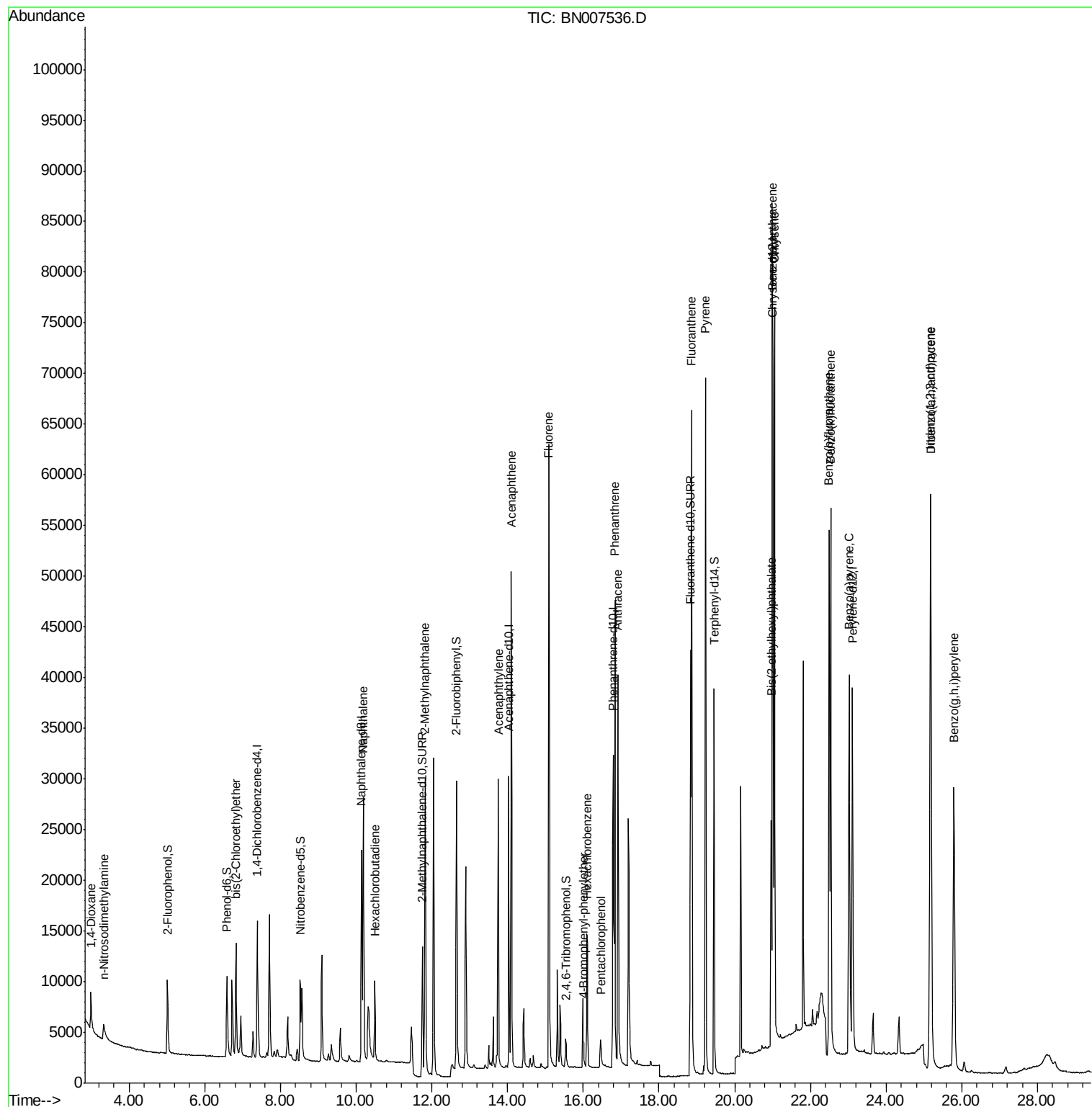
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	4309	0.382	ng	# 81
3) n-Nitrosodimethylamine	3.32	42	1373	0.262	ng	# 71
6) bis(2-Chloroethyl)ether	6.82	93	10534	0.430	ng	95
9) Naphthalene	10.19	128	35492	0.394	ng	# 90
10) Hexachlorobutadiene	10.49	225	6371	0.345	ng	# 99
12) 2-Methylnaphthalene	11.82	142	24644	0.402	ng	95
16) Acenaphthylene	13.75	152	36229	0.330	ng	99
17) Acenaphthene	14.10	154	24828	0.386	ng	99
18) Fluorene	15.09	166	31869	0.392	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	1228	0.070	ng	# 87
21) Hexachlorobenzene	16.11	284	11526	0.388	ng	96
22) Pentachlorophenol	16.46	266	2477	0.268	ng	# 64
23) Phenanthrene	16.83	178	53770	0.403	ng	99
24) Anthracene	16.92	178	46180	0.344	ng	99
26) Fluoranthene	18.87	202	64099	0.374	ng	98
28) Pyrene	19.23	202	66178	0.382	ng	99
30) Benzo(a)anthracene	21.00	228	60828	0.360	ng	99
31) Chrysene	21.05	228	65079	0.399	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	29236	0.248	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	66830	0.340	ng	# 96
35) Benzo(b)fluoranthene	22.50	252	61463m	0.388	ng	
36) Benzo(k)fluoranthene	22.54	252	67268	0.430	ng	98
37) Benzo(a)pyrene	23.02	252	56622	0.376	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	52344	0.348	ng	99
39) Benzo(g,h,i)perylene	25.79	276	55298	0.369	ng	99

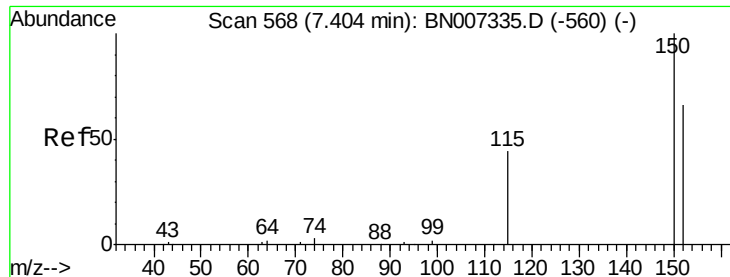
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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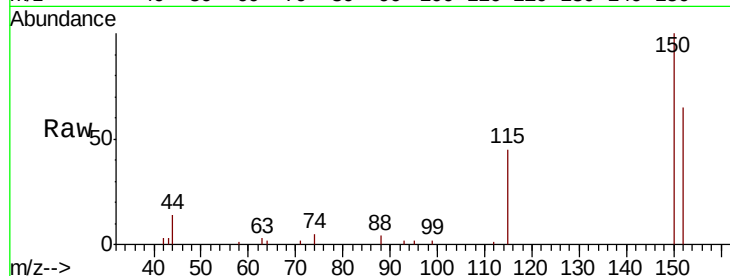


#1

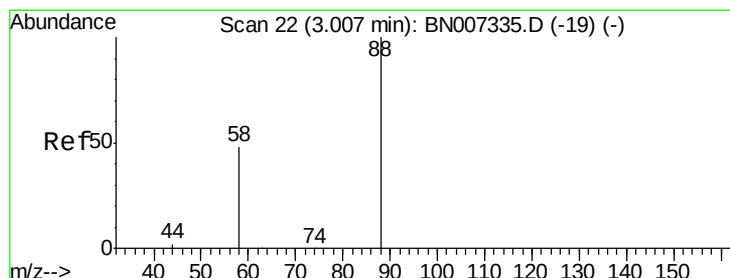
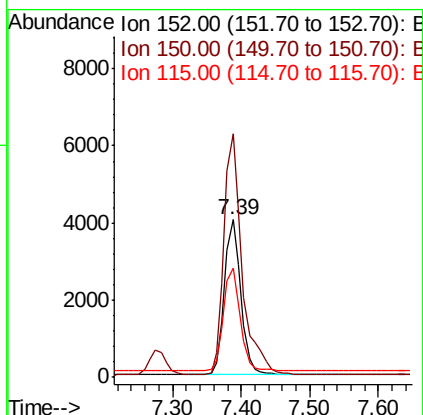
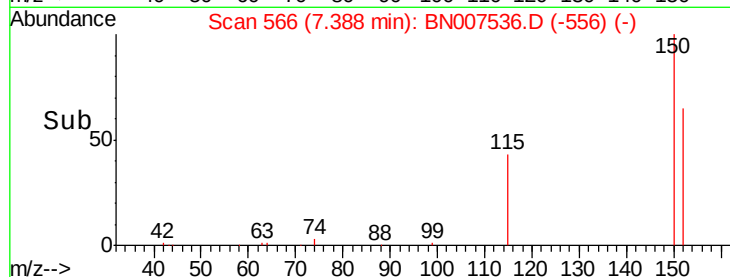
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 6790
 Ion Ratio Lower Upper
 152 100
 150 154.3 109.1 163.7
 115 69.2 59.6 89.4



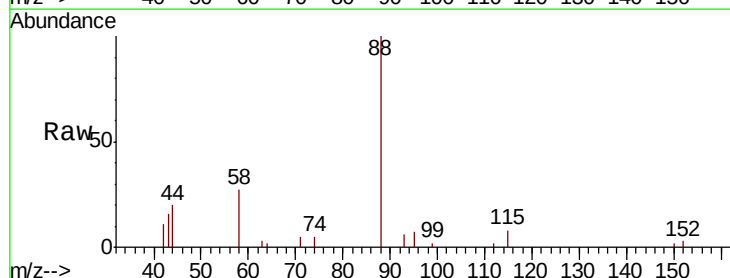
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



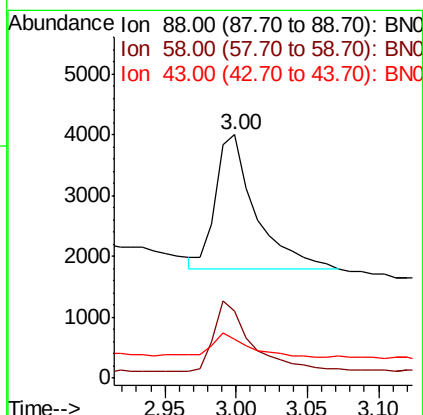
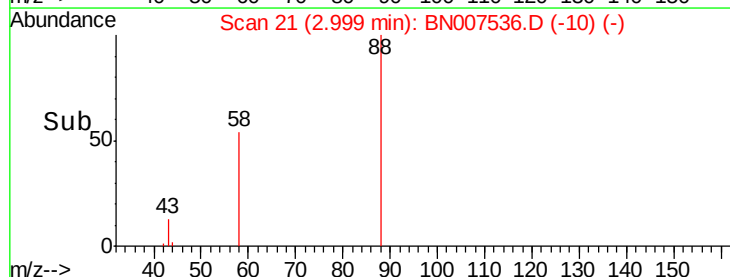
#2

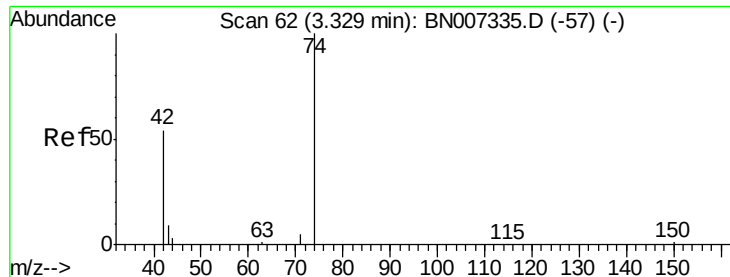
1,4-Dioxane
 Concen: 0.382 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

Tgt Ion: 88 Resp: 4309
 Ion Ratio Lower Upper
 88 100
 58 48.3 50.5 75.7#
 43 15.4 0.0 0.0#



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



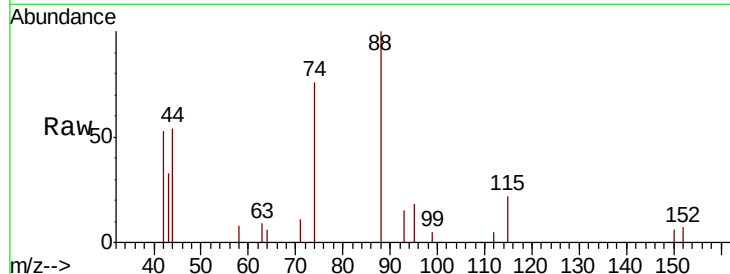


#3

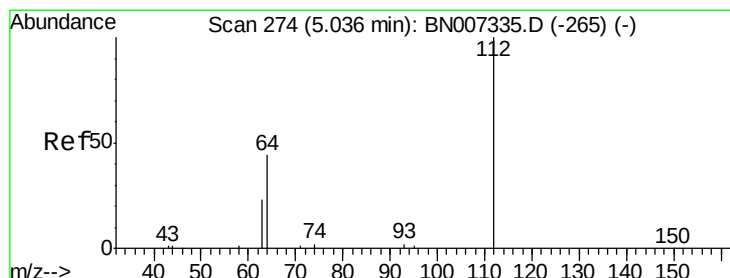
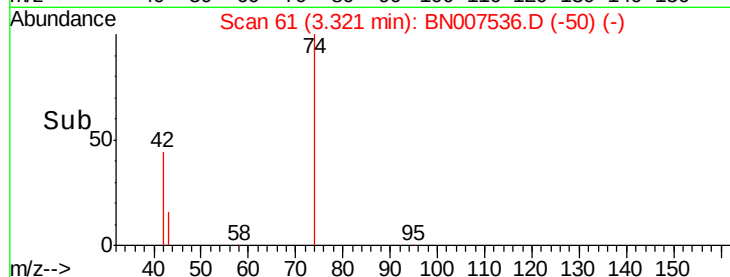
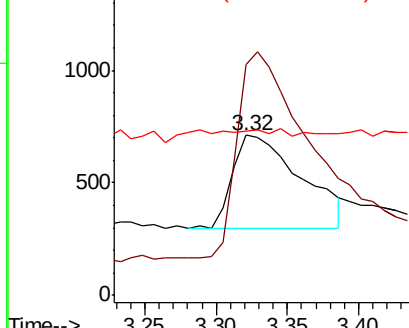
n-Nitrosodimethylamine
 Concen: 0.262 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 1373
 Ion Ratio Lower Upper
 42 100
 74 222.4 144.7 217.1#
 44 0.0 3.2 4.8#



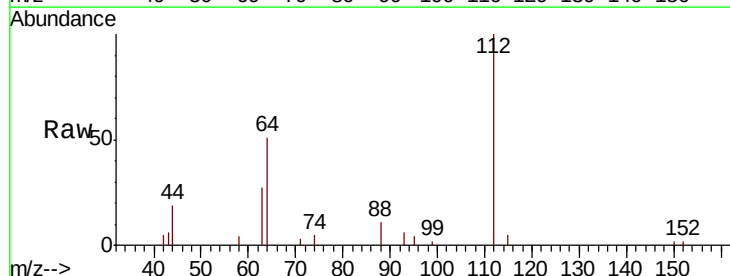
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



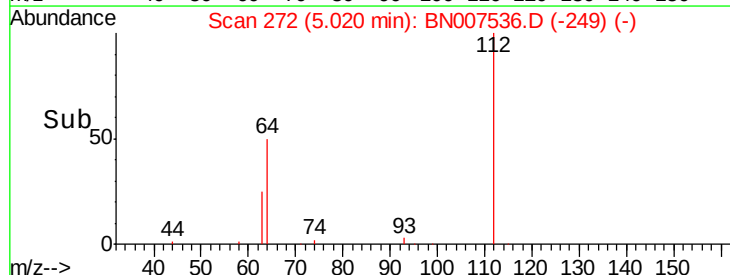
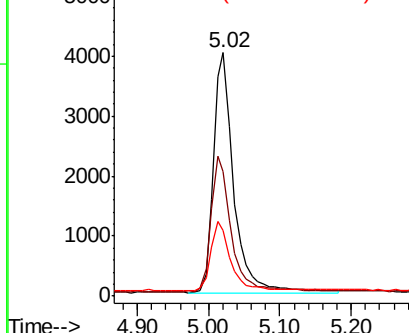
#4

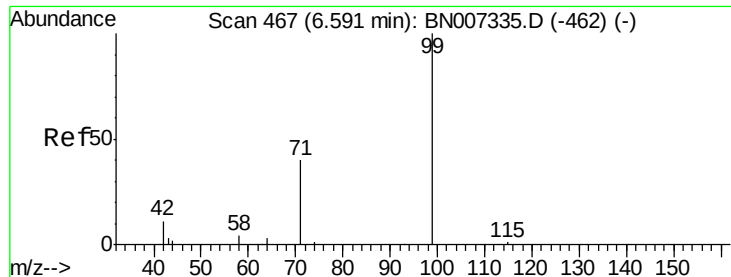
2-Fluorophenol
 Concen: 0.328 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

Tgt Ion: 112 Resp: 7845
 Ion Ratio Lower Upper
 112 100
 64 56.2 42.3 63.5
 63 27.5 23.6 35.4



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: 0.329 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

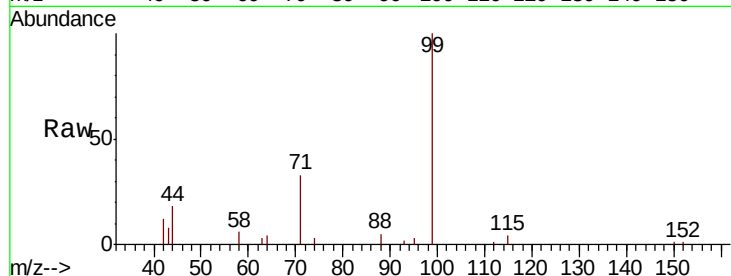
Tot Ion: 99 Resp: 10034

Ion Ratio Lower Upper

99 100

42 10.8 11.2 16.8#

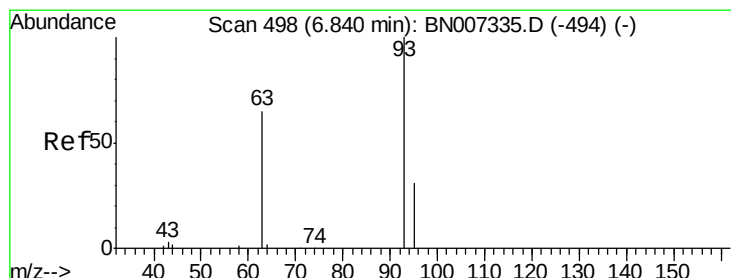
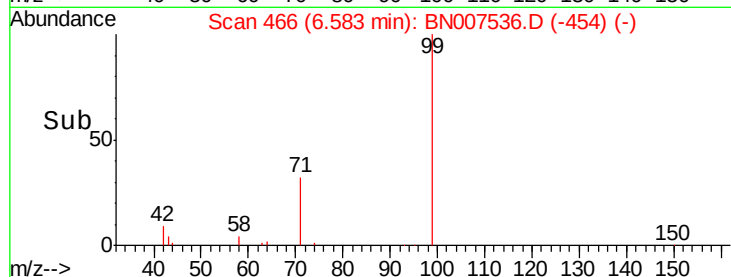
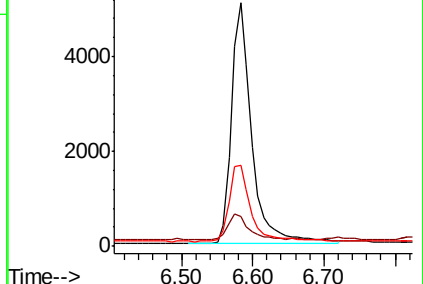
71 34.3 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007536.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007536.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007536.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.430 ng

RT: 6.82 min Scan# 496

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

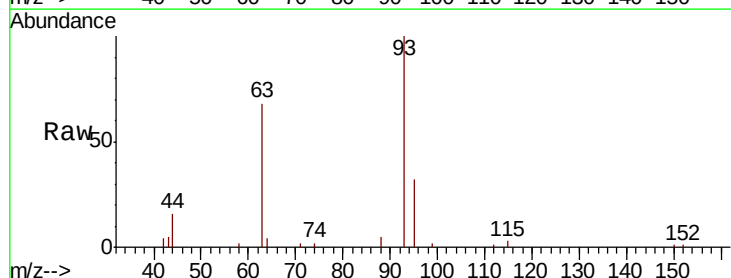
Tgt Ion: 93 Resp: 10534

Ion Ratio Lower Upper

93 100

63 62.1 51.9 77.9

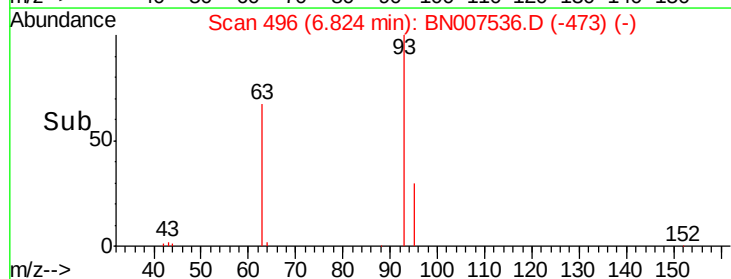
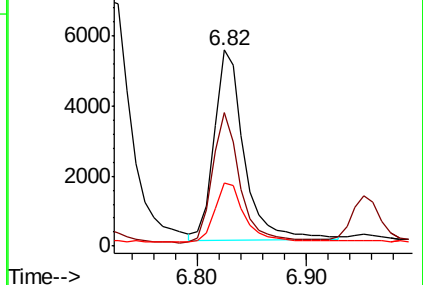
95 30.1 27.7 41.5

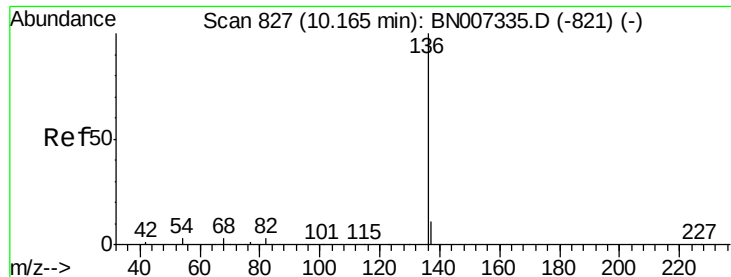


Abundance Ion 93.00 (92.70 to 93.70): BN007536.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007536.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007536.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 31503

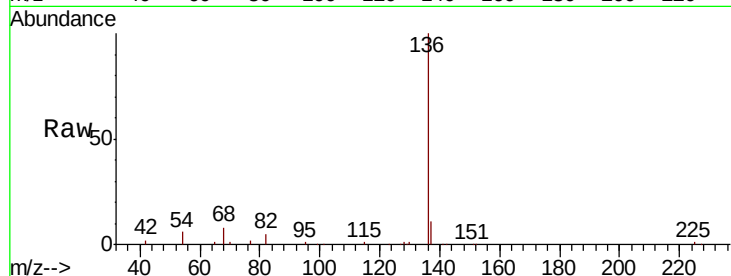
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 5.5 8.6 12.8#

68 7.6 17.0 25.4#

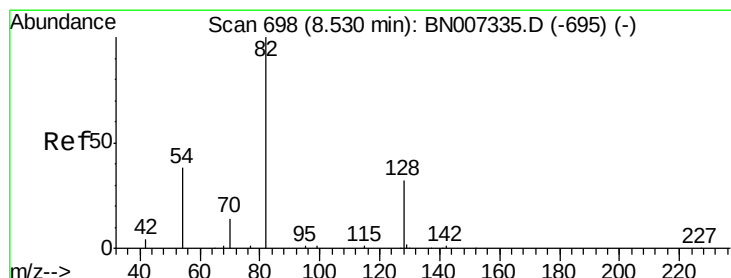
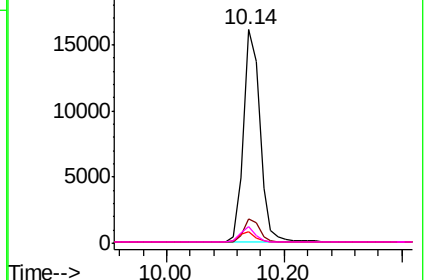
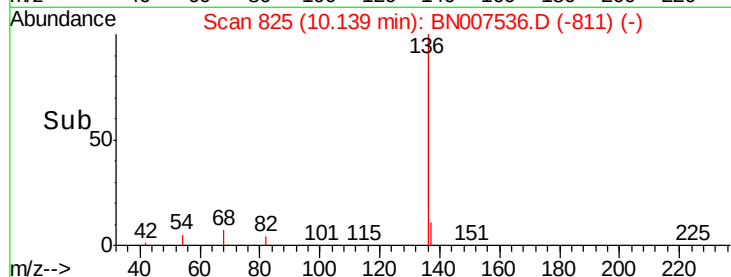


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.52 min Scan# 697

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

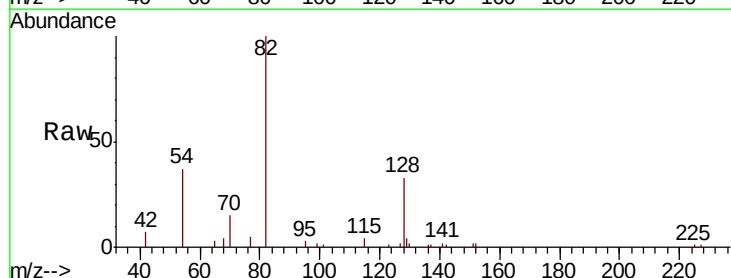
Tgt Ion: 82 Resp: 9131

Ion Ratio Lower Upper

82 100

128 32.5 19.7 29.5#

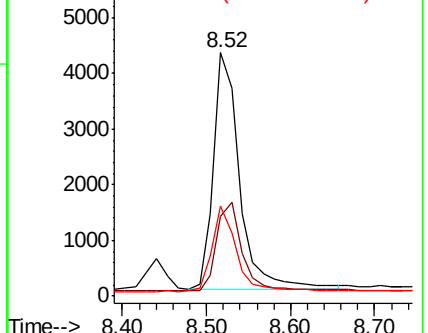
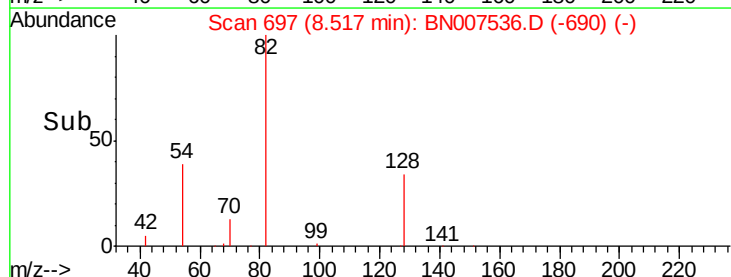
54 36.9 25.8 38.6

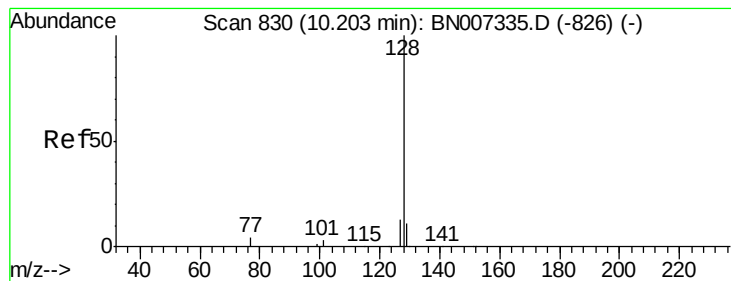


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.394 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

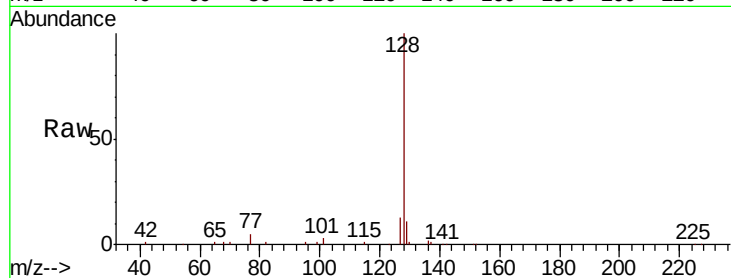
Tot Ion:128 Resp: 35492

Ion Ratio Lower Upper

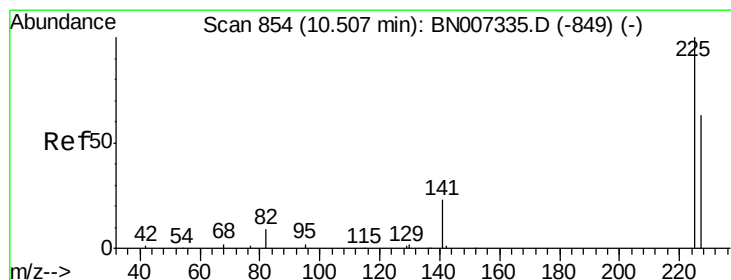
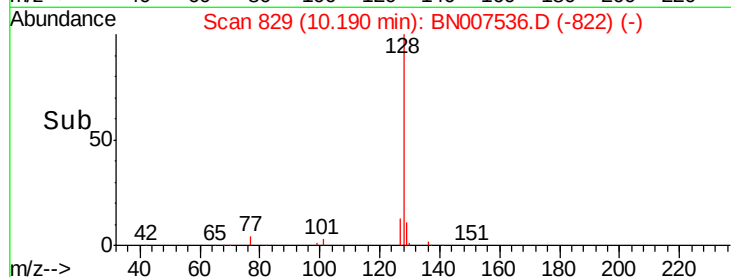
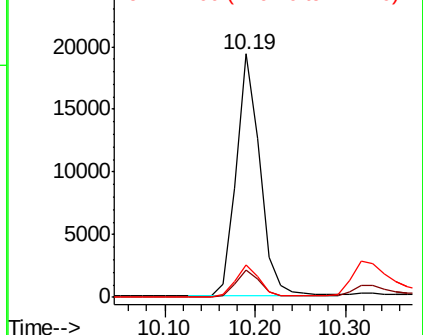
128 100

129 11.3 11.1 16.7

127 13.4 15.5 23.3#



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: 0.345 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

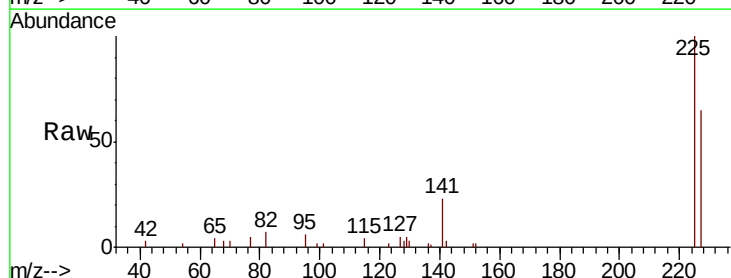
Tgt Ion:225 Resp: 6371

Ion Ratio Lower Upper

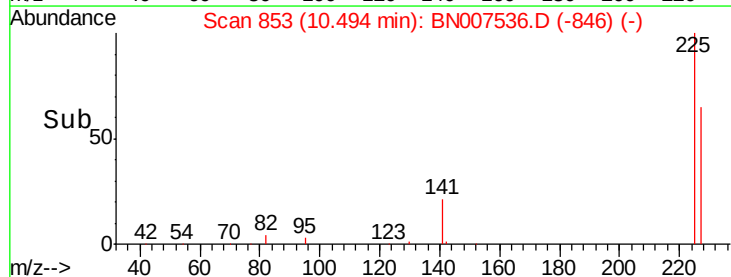
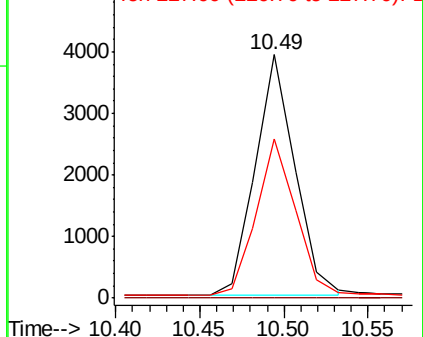
225 100

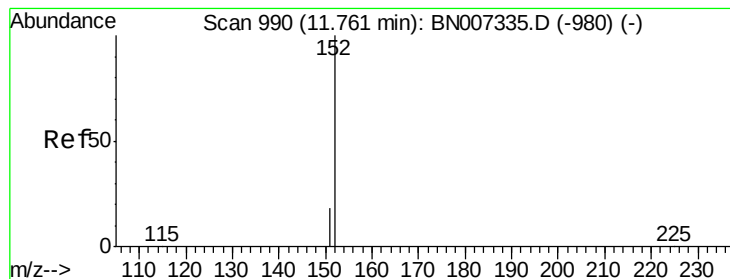
223 0.0 0.0 0.0

227 64.5 50.7 76.1



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: 0.399 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

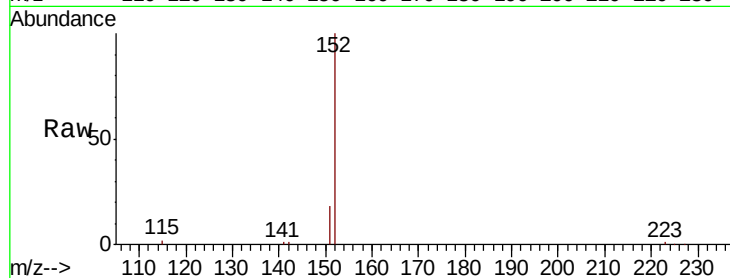
SSTDCCC0.4

Tot Ion:152 Resp: 20871

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

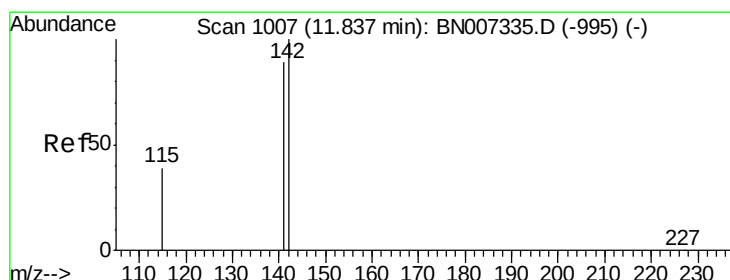
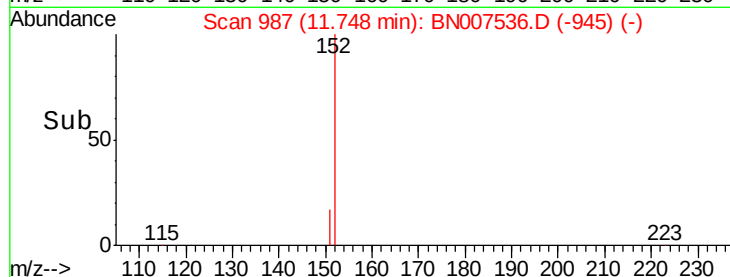
4000

2000

0

11.60 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

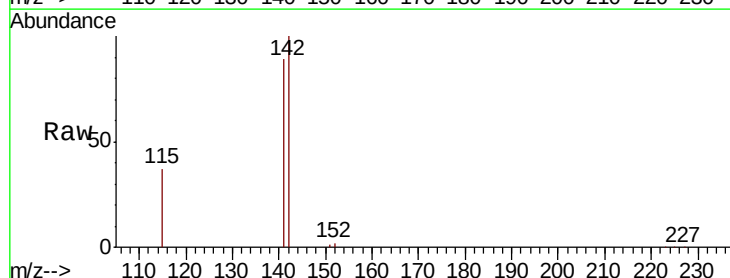
Tgt Ion:142 Resp: 24644

Ion Ratio Lower Upper

142 100

141 89.1 72.8 109.2

115 37.1 35.2 52.8



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

15000

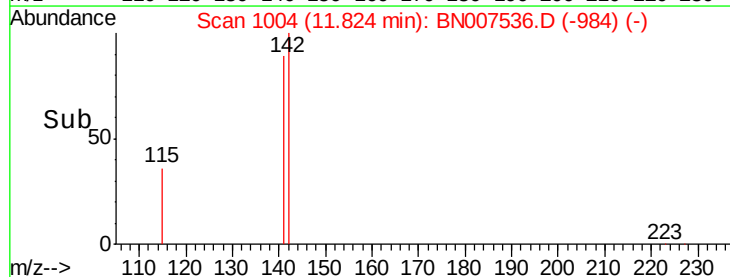
10000

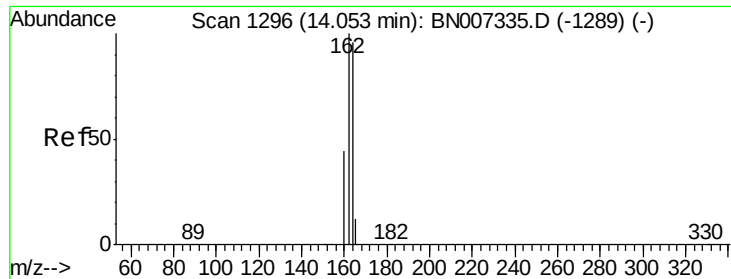
5000

0

11.70 11.80 11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

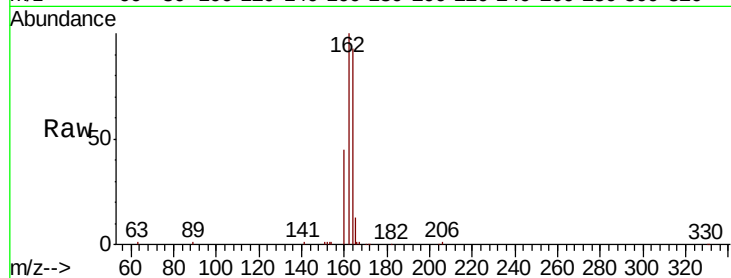
Tot Ion:164 Resp: 18581

Ion Ratio Lower Upper

164 100

162 107.6 83.5 125.3

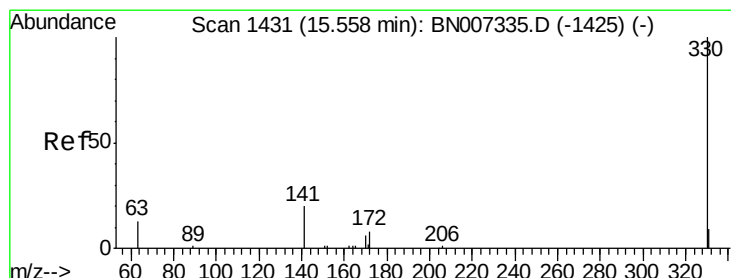
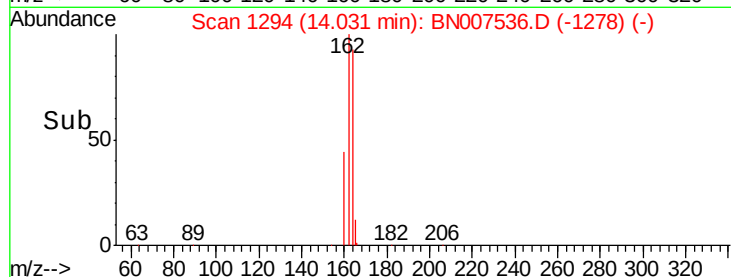
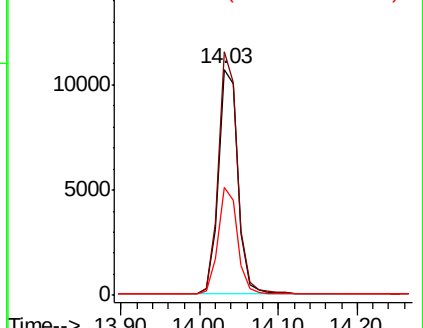
160 47.9 38.2 57.4



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: 0.287 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

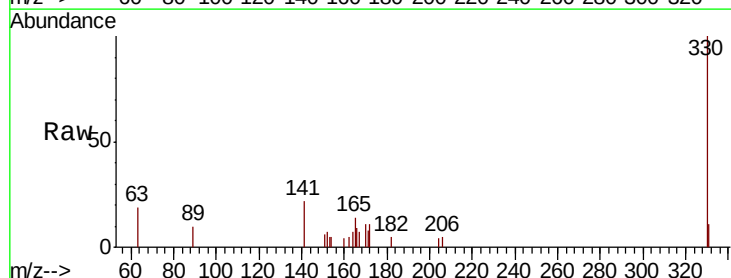
Tgt Ion:330 Resp: 2792

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

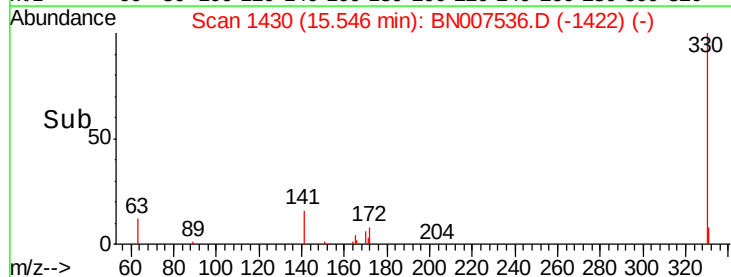
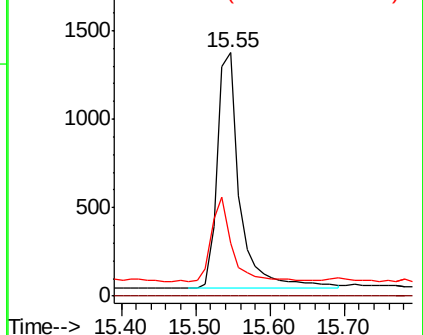
141 32.2 26.9 40.3

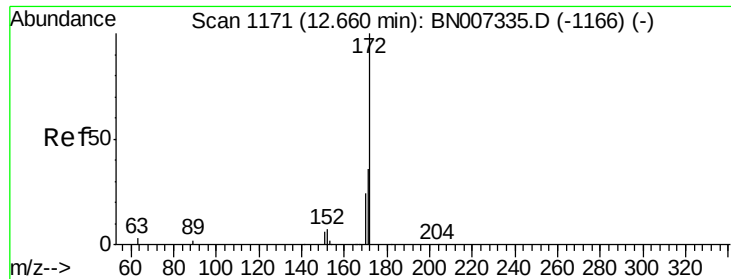


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

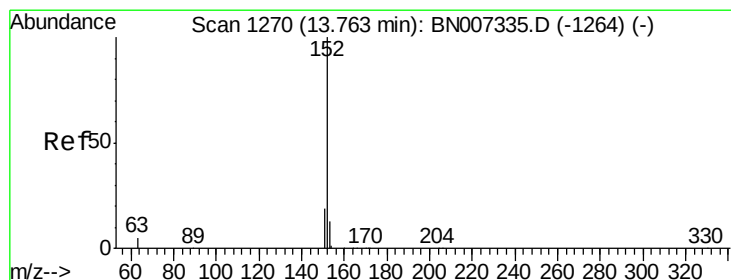
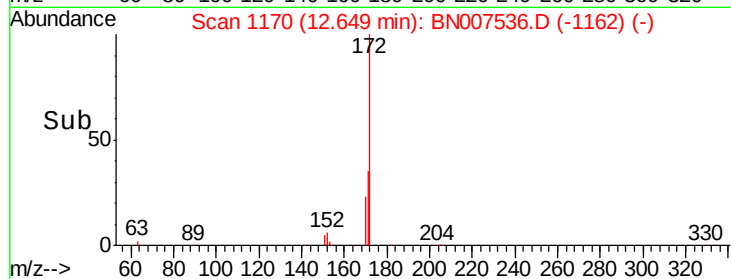
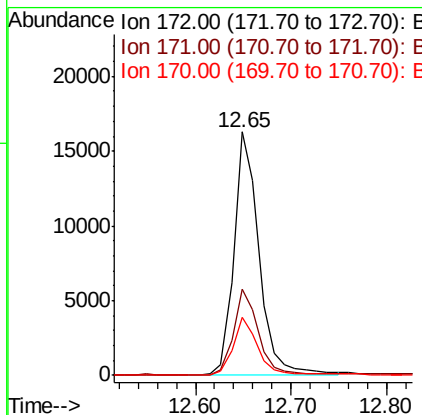
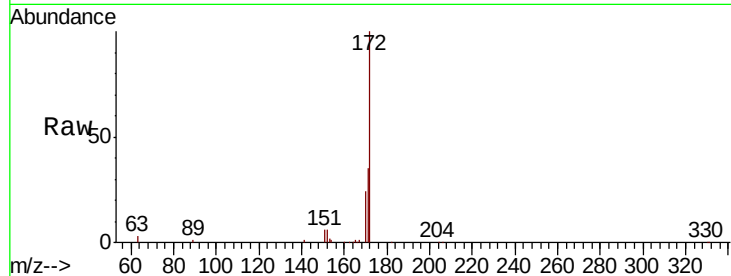




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007536.D
Acq: 05 Sep 2019 15:34

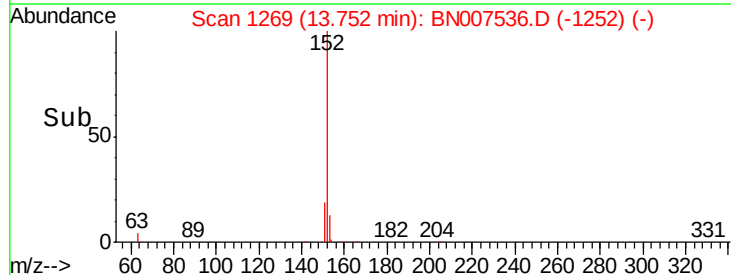
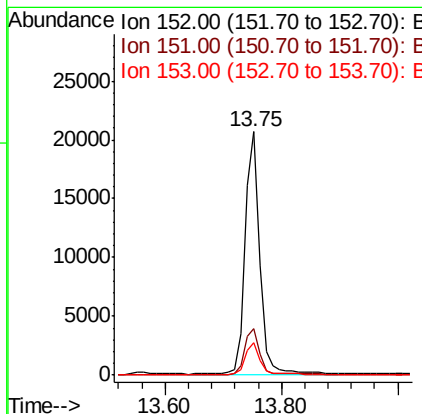
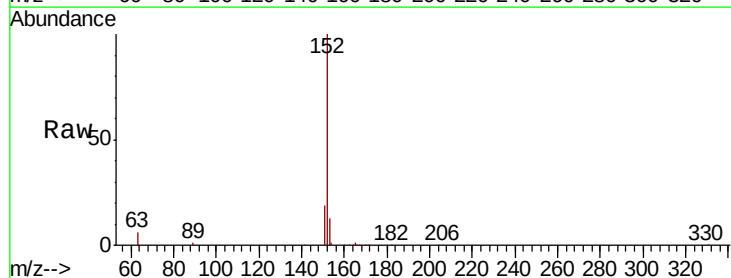
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

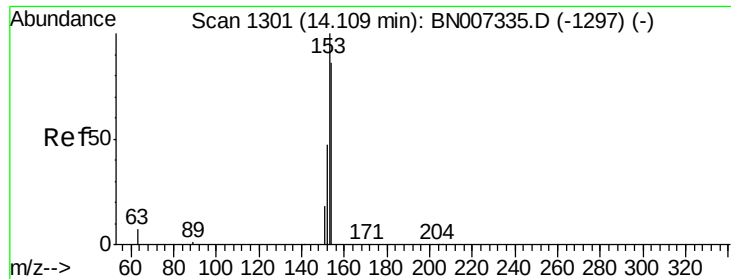
Tot Ion:172 Resp: 29409
Ion Ratio Lower Upper
172 100
171 35.2 30.3 45.5
170 23.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007536.D
Acq: 05 Sep 2019 15:34

Tgt Ion:152 Resp: 36229
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

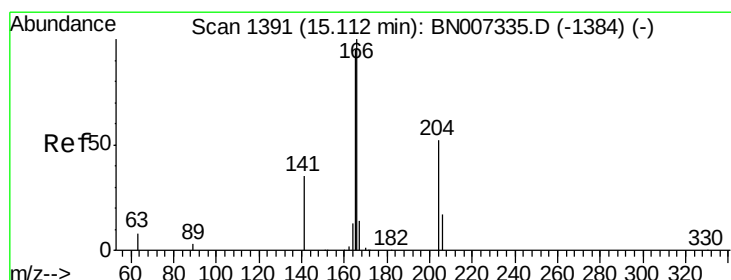
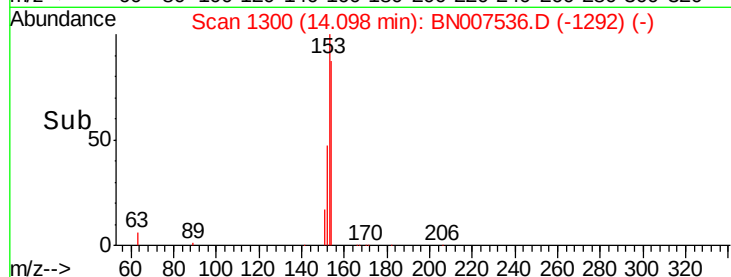
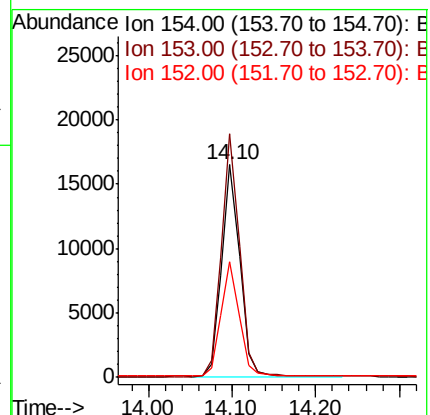
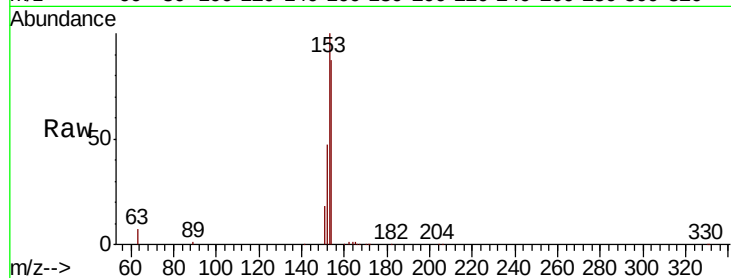
Tot Ion:154 Resp: 24828

Ion Ratio Lower Upper

154 100

153 114.3 92.8 139.2

152 54.0 43.8 65.8



#18

Fluorene

Concen: 0.392 ng

RT: 15.09 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

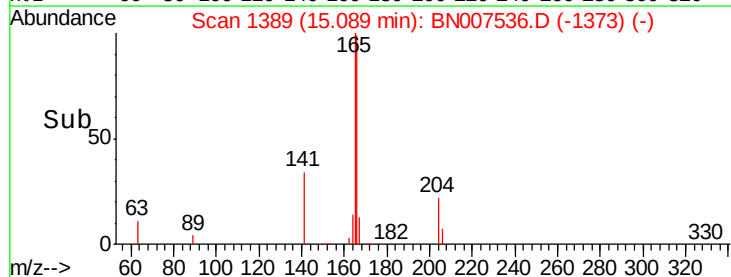
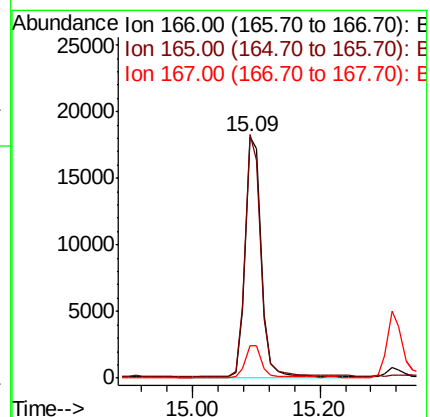
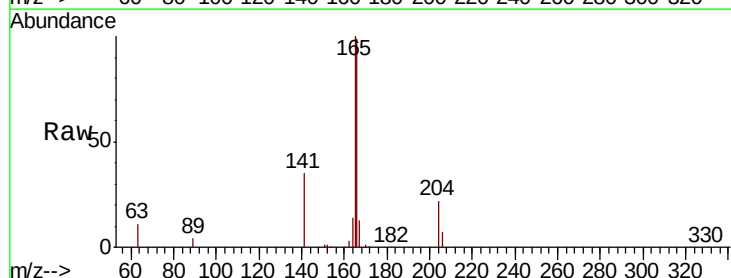
Tgt Ion:166 Resp: 31869

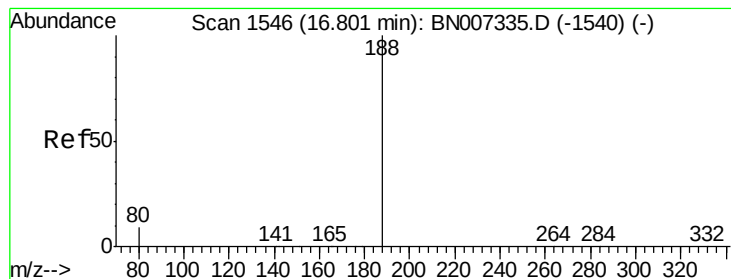
Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

167 13.6 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

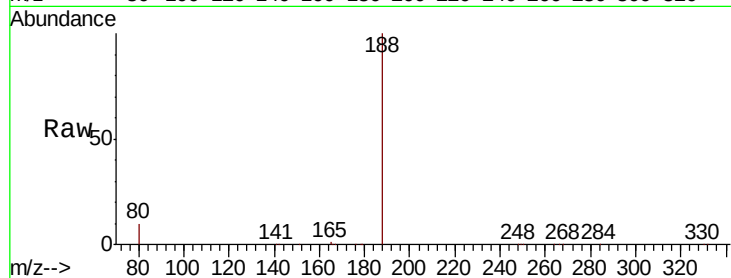
Tot Ion:188 Resp: 44352

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

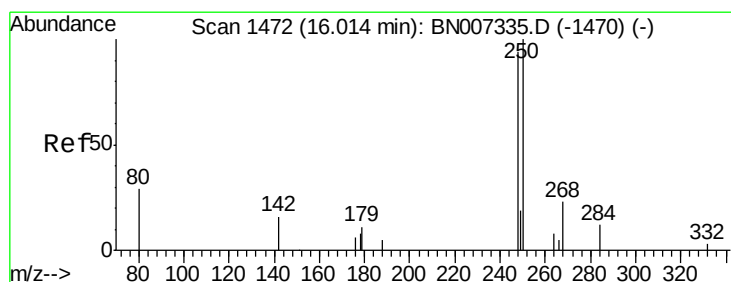
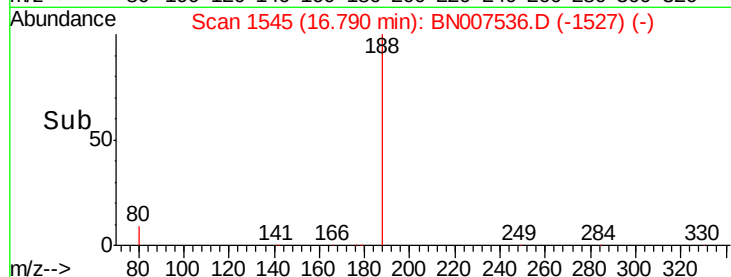
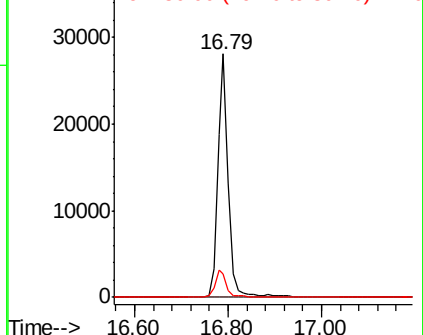
80 9.5 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.070 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

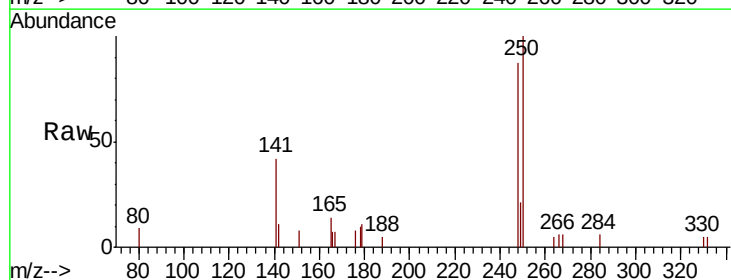
Tgt Ion:248 Resp: 1228

Ion Ratio Lower Upper

248 100

250 115.4 85.0 127.6

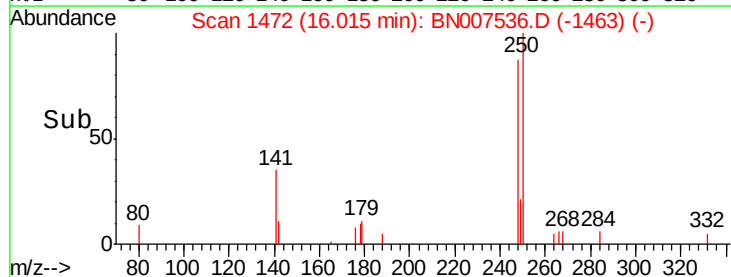
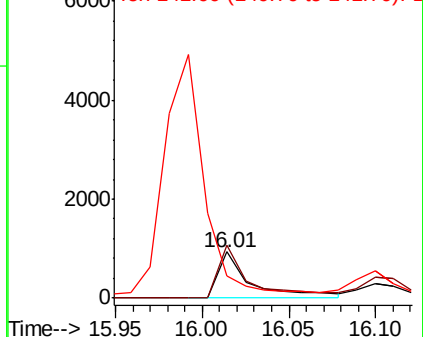
141 49.0 51.7 77.5#

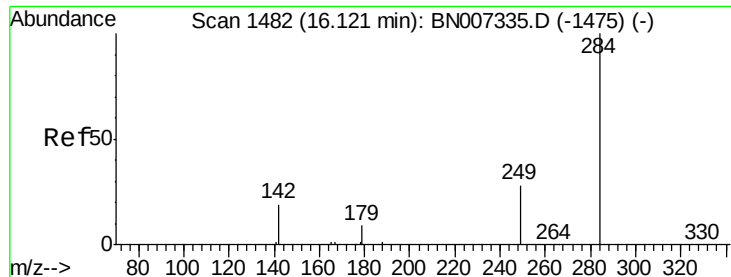


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.11 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

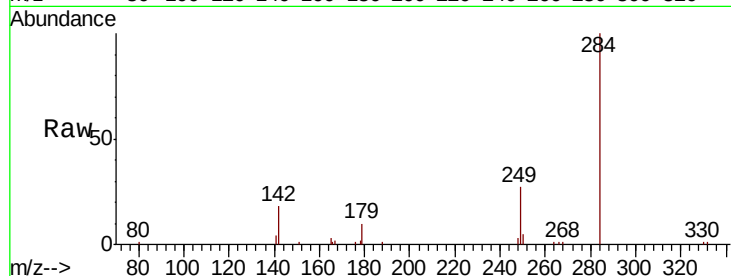
Tot Ion:284 Resp: 11526

Ion Ratio Lower Upper

284 100

142 32.7 29.0 43.6

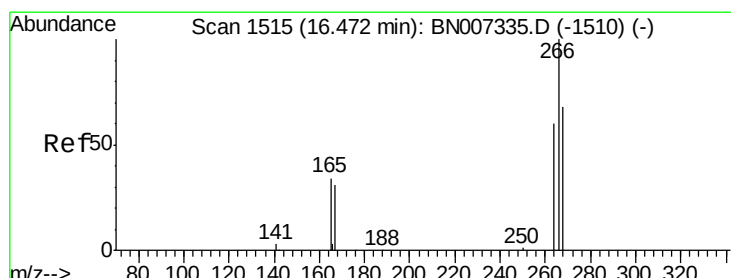
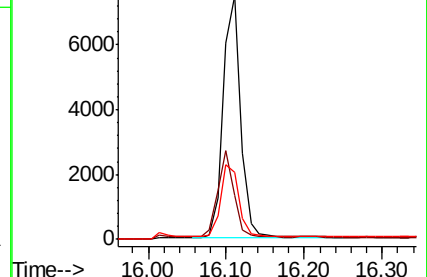
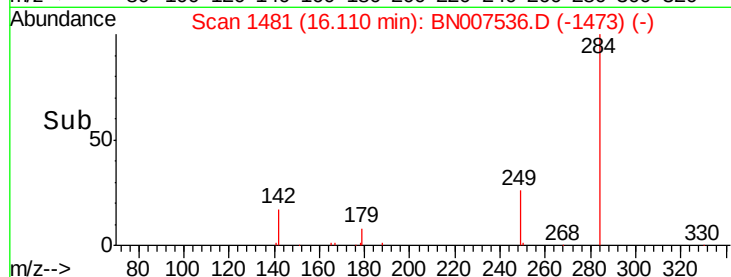
249 30.6 24.9 37.3



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: 0.268 ng

RT: 16.46 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

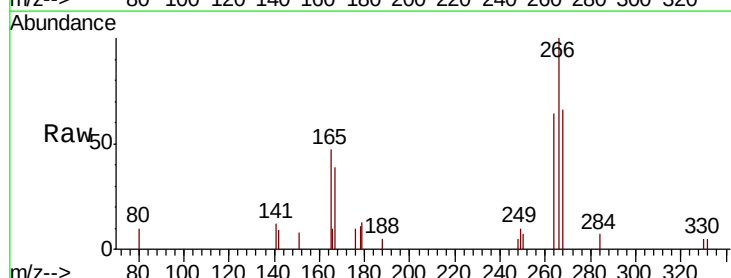
Tgt Ion:266 Resp: 2477

Ion Ratio Lower Upper

266 100

264 64.0 57.8 86.8

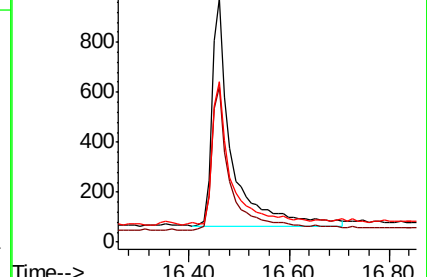
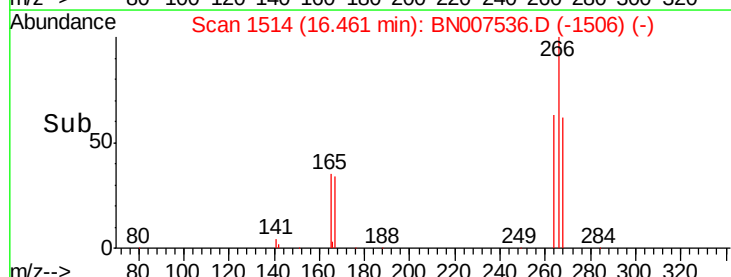
268 65.6 99.7 149.5#

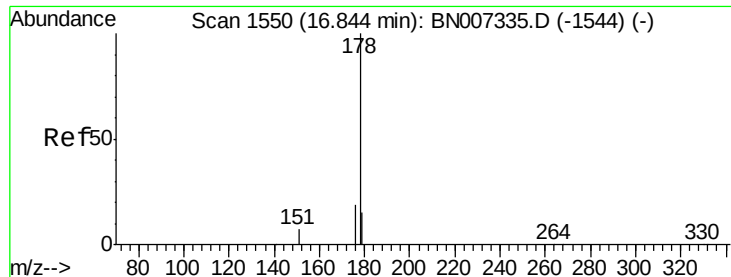


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

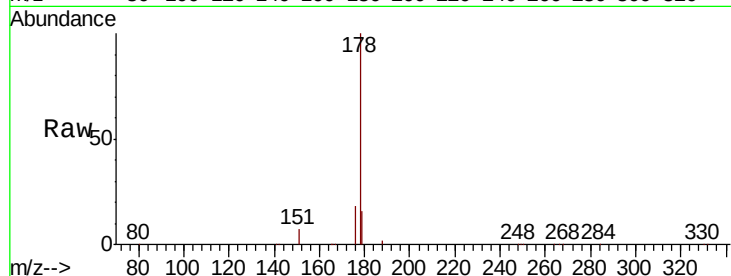
Tot Ion:178 Resp: 53770

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

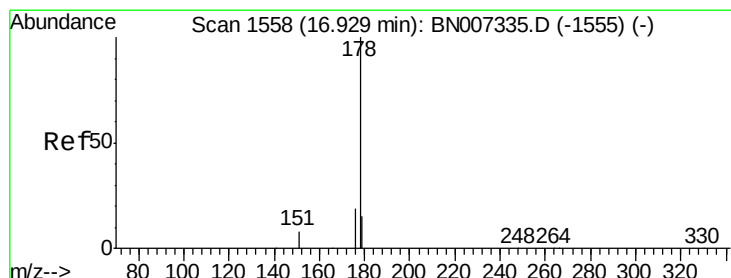
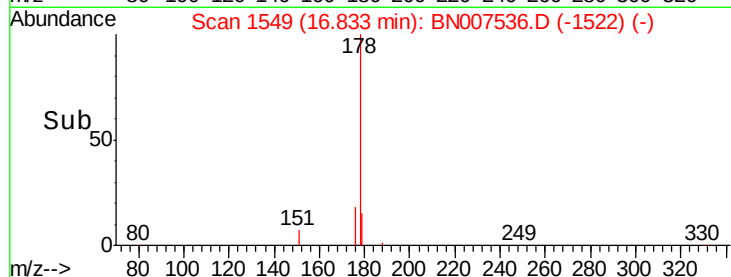
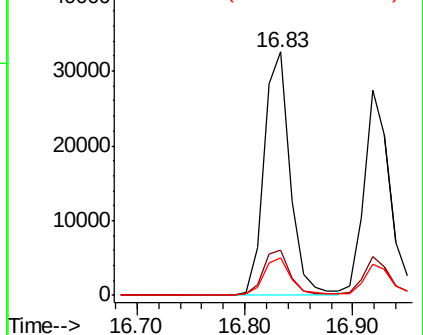
179 15.4 12.6 19.0



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: 0.344 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

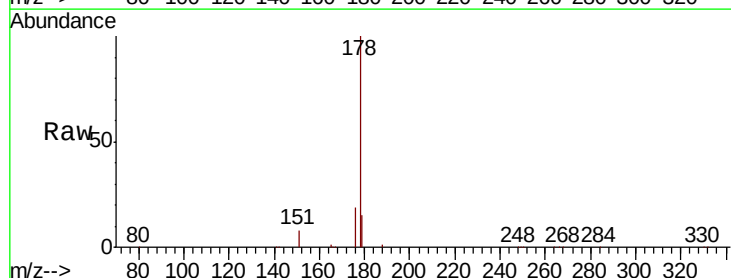
Tgt Ion:178 Resp: 46180

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

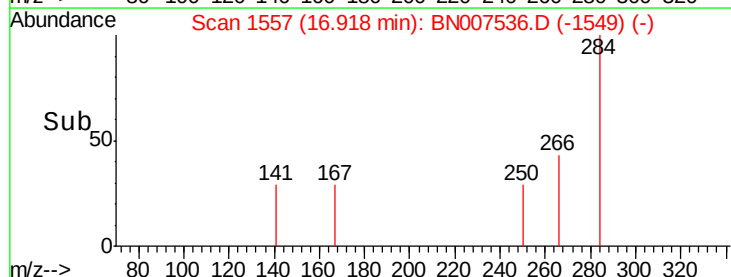
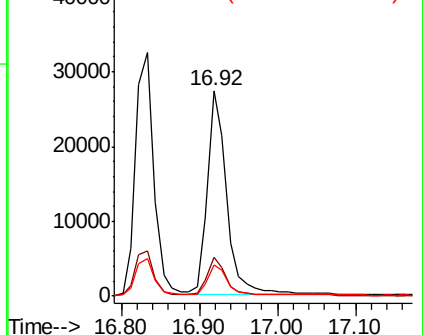
179 15.1 12.4 18.6

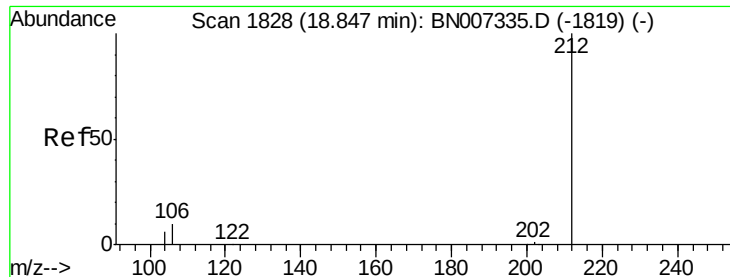


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

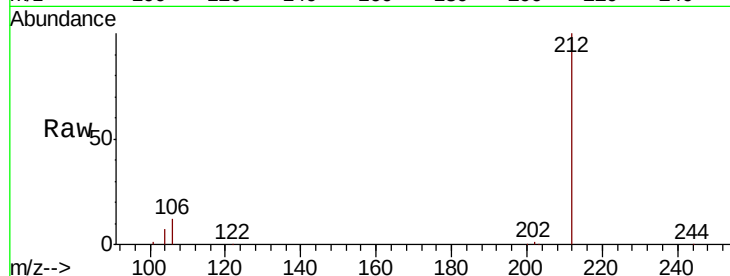
Tot Ion:212 Resp: 52970

Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.4

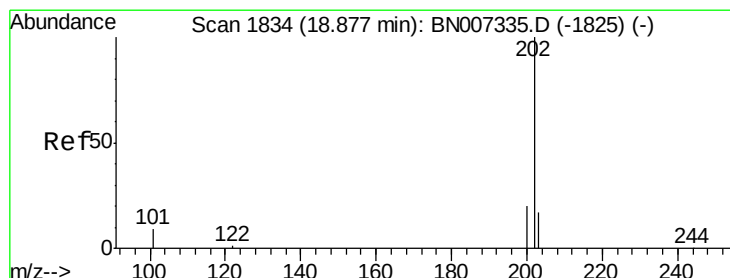
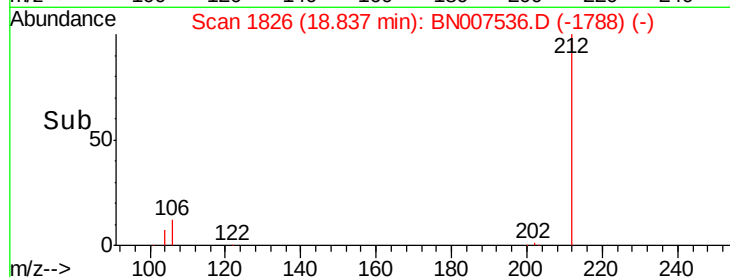
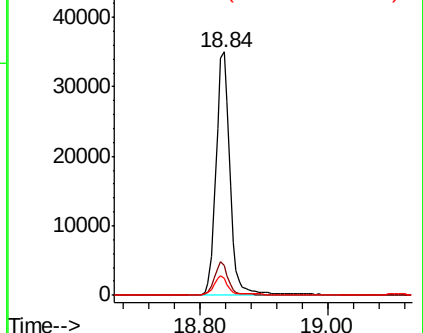
104 7.4 5.4 8.2



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: 0.374 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

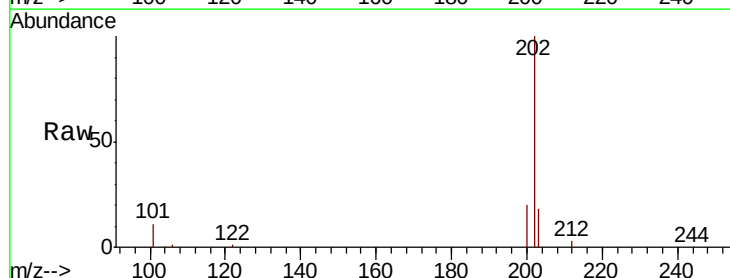
Tgt Ion:202 Resp: 64099

Ion Ratio Lower Upper

202 100

101 11.5 7.7 11.5

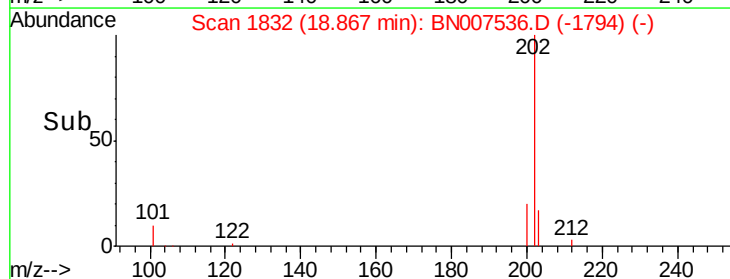
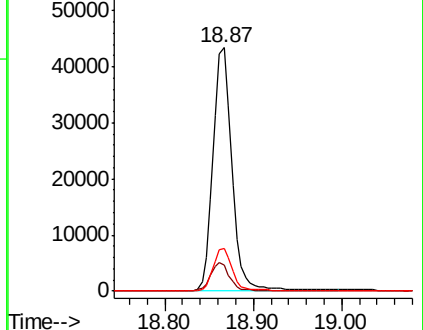
203 17.2 13.7 20.5

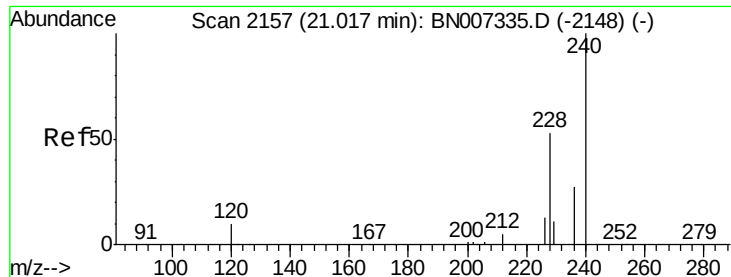


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

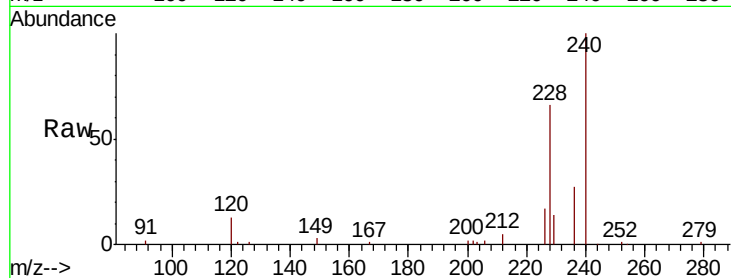
Tot Ion:240 Resp: 43010

Ion Ratio Lower Upper

240 100

120 12.9 9.6 14.4

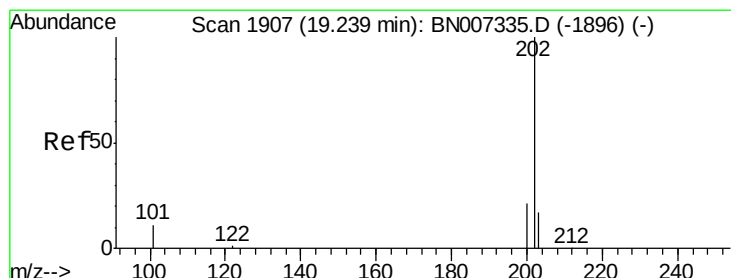
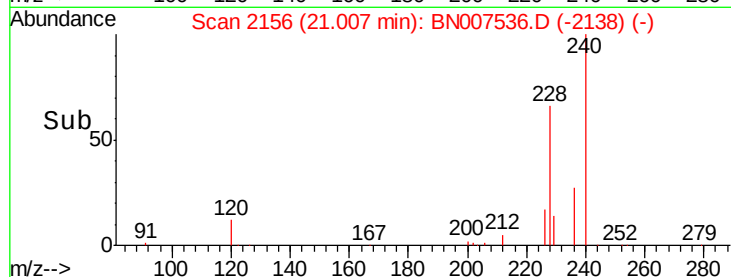
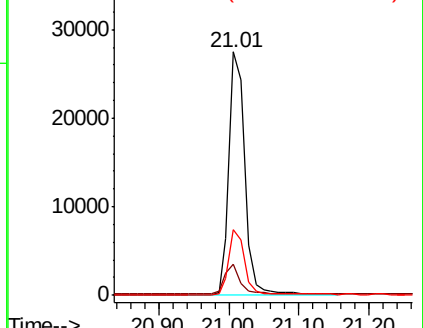
236 27.2 22.2 33.2



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: 0.382 ng

RT: 19.23 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

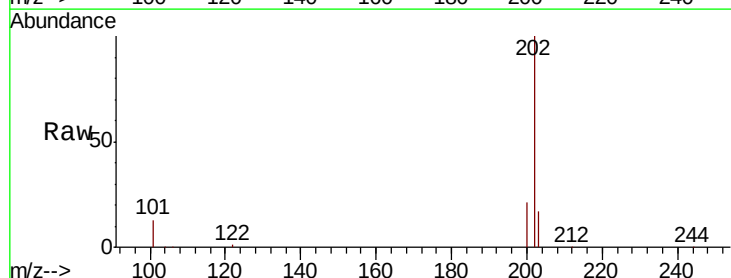
Tgt Ion:202 Resp: 66178

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

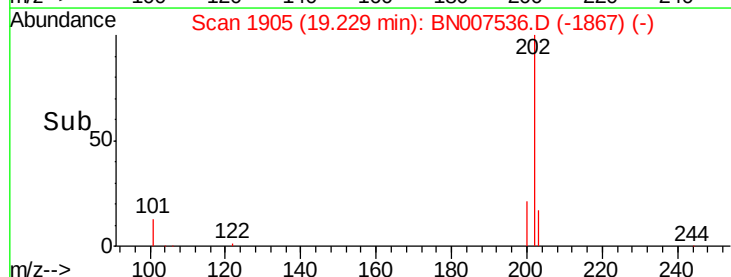
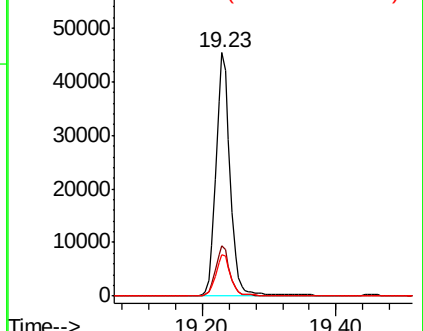
203 17.3 14.2 21.4

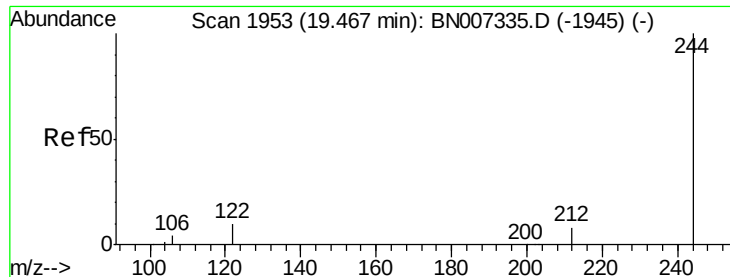


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

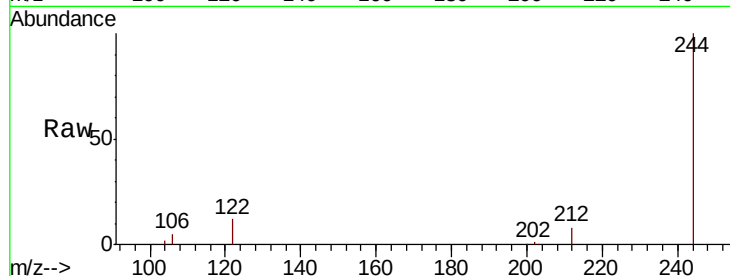
Tot Ion:244 Resp: 42637

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

122 12.1 9.6 14.4

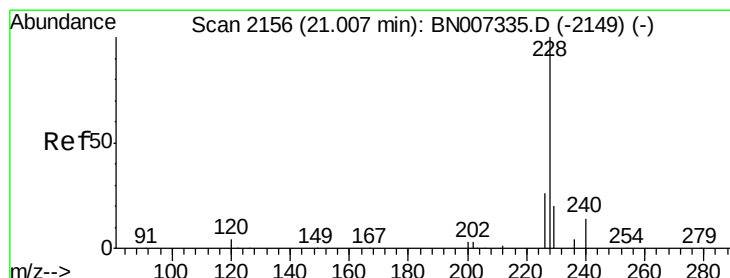
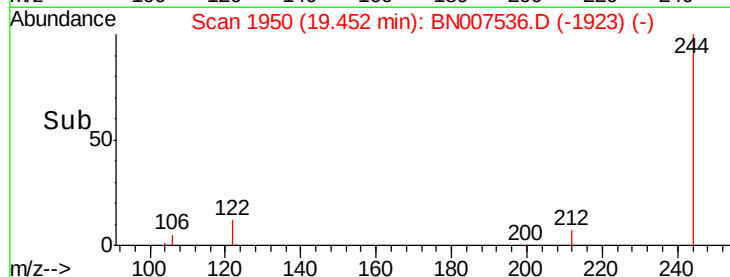
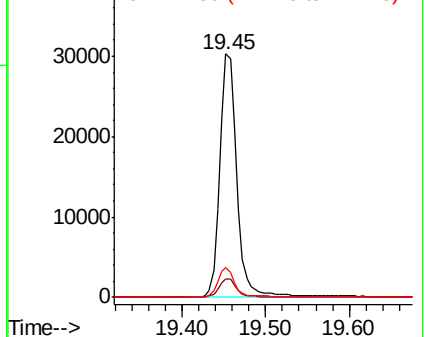


Abundance

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: 0.360 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

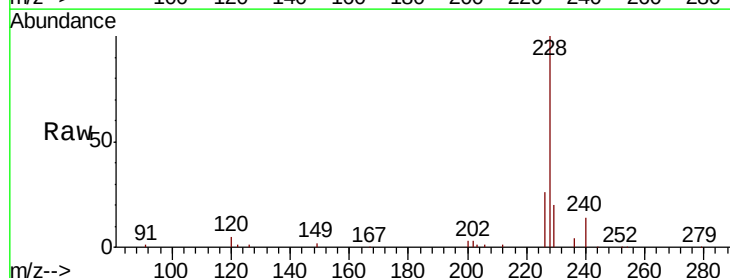
Tgt Ion:228 Resp: 60828

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 19.9 16.1 24.1

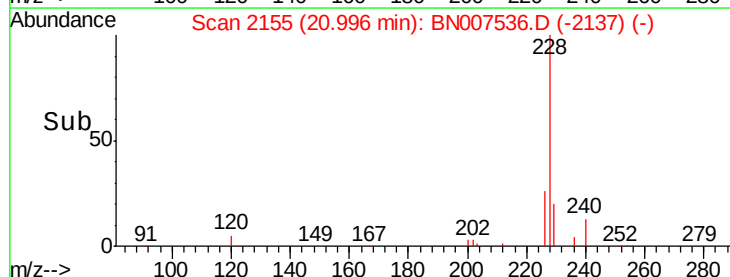
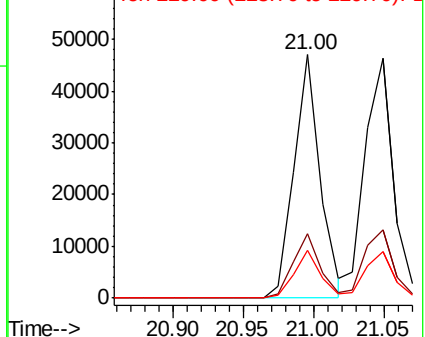


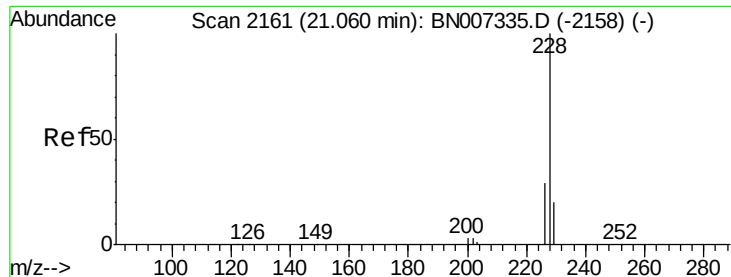
Abundance

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: 0.399 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

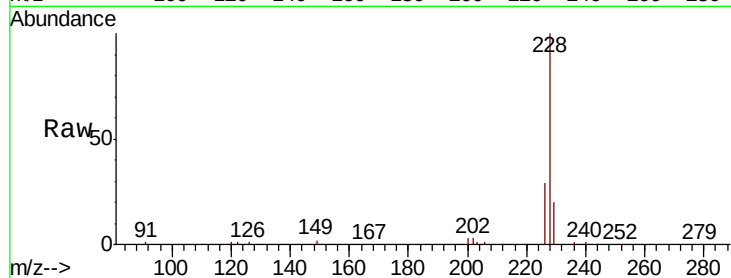
Tot Ion:228 Resp: 65079

Ion Ratio Lower Upper

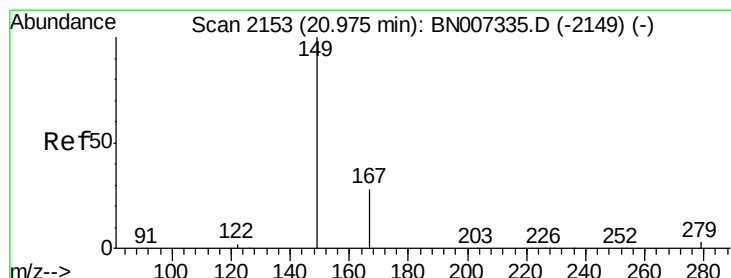
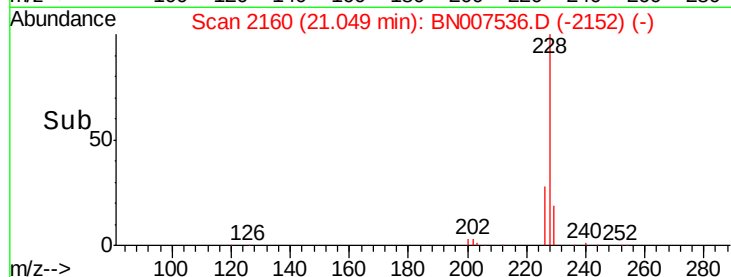
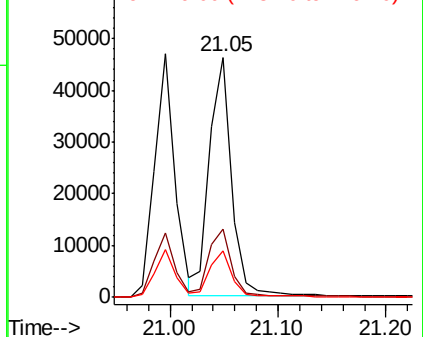
228 100

226 28.6 23.5 35.3

229 19.6 16.6 24.8



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: 0.248 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

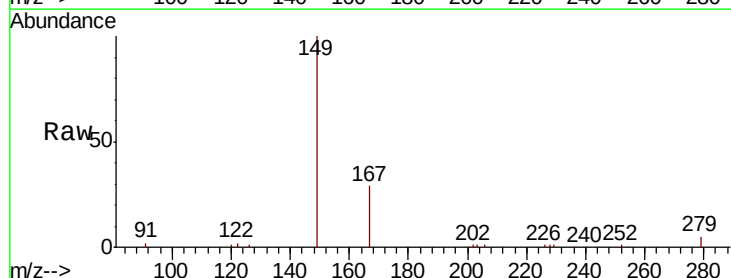
Tgt Ion:149 Resp: 29236

Ion Ratio Lower Upper

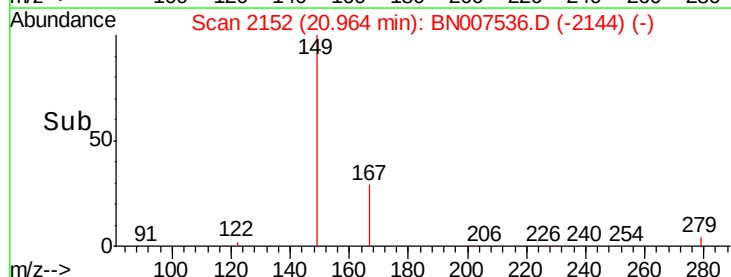
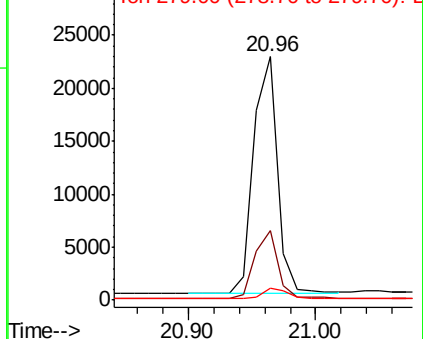
149 100

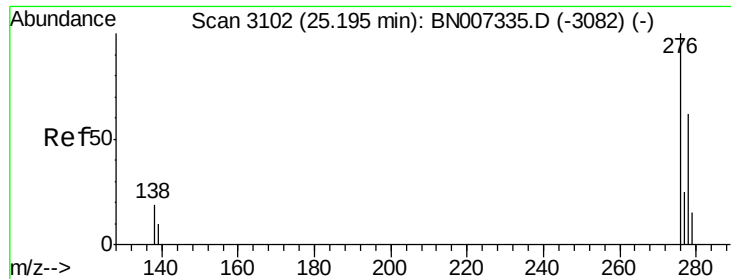
167 27.8 22.8 34.2

279 4.0 3.5 5.3



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

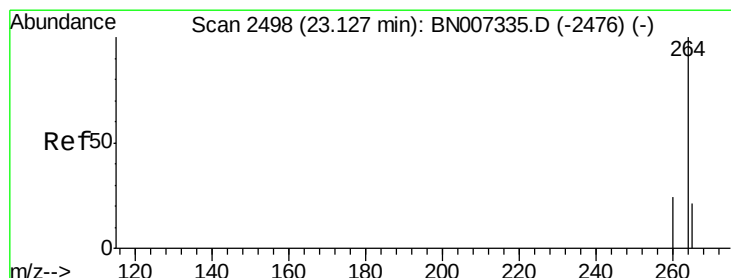
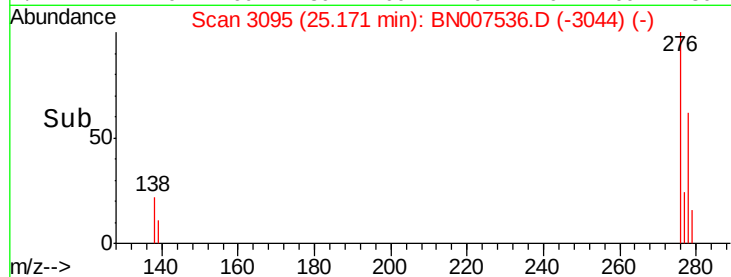
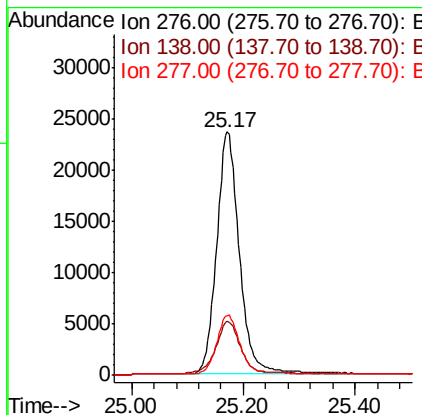
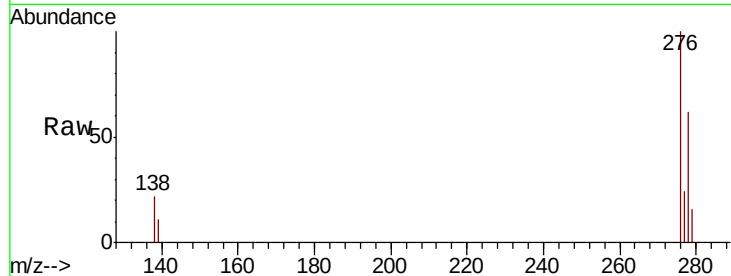




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.340 ng
 RT: 25.17 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

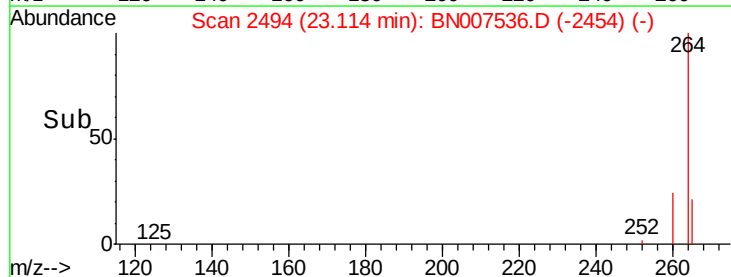
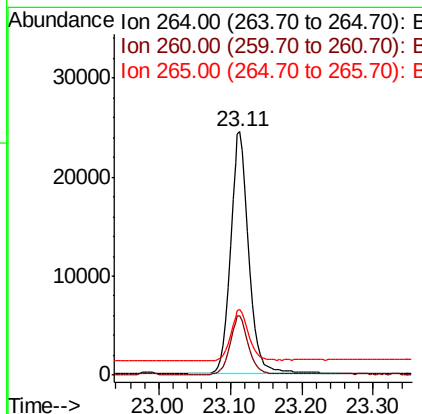
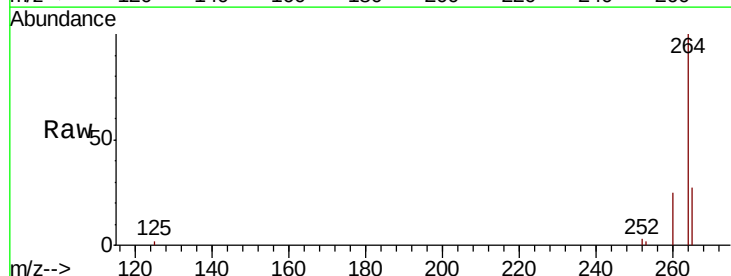
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

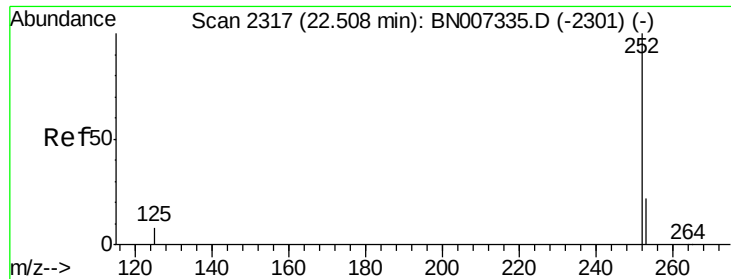
Tot Ion:276 Resp: 66830
 Ion Ratio Lower Upper
 276 100
 138 22.8 15.1 22.7#
 277 24.0 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BN007536.D
 Acq: 05 Sep 2019 15:34

Tgt Ion:264 Resp: 43666
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 26.8 29.9 44.9#

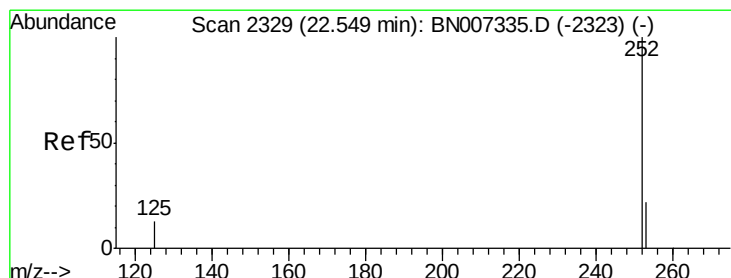
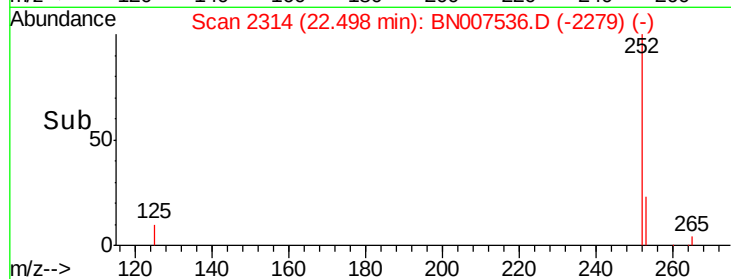
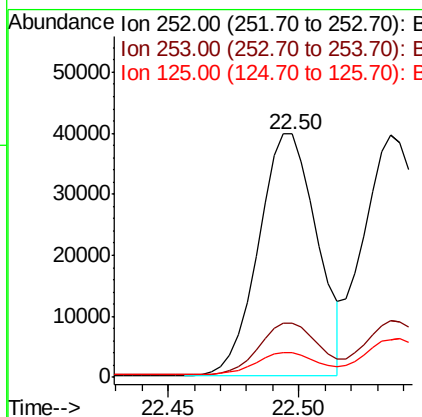
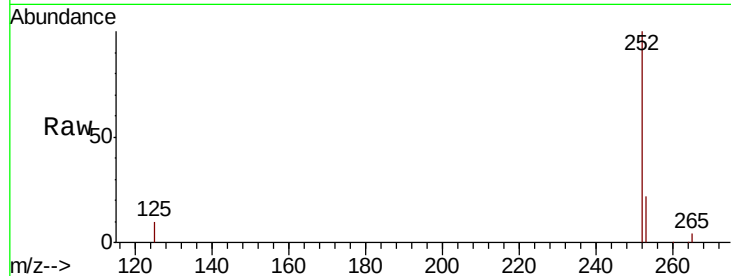




#35
Benzo(b)fluoranthene
Concen: 0.388 ng m
RT: 22.50 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BN007536.D
Acq: 05 Sep 2019 15:34

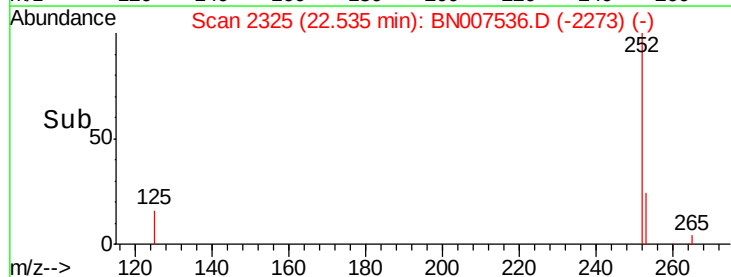
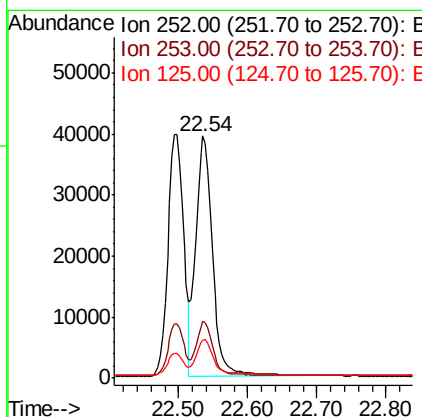
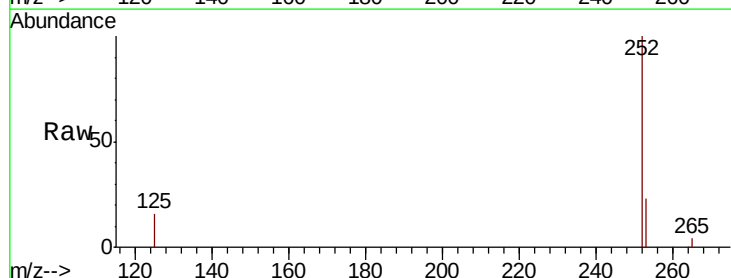
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

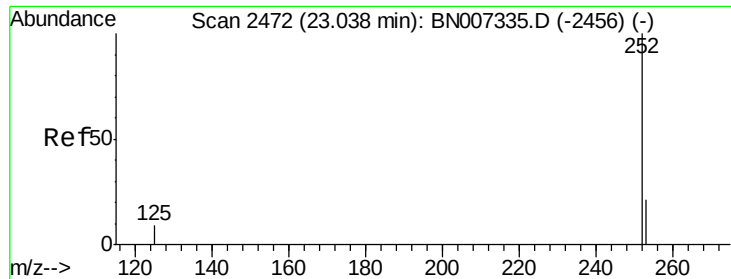
Tot Ion:252 Resp: 61463
Ion Ratio Lower Upper
252 100
253 22.5 19.2 28.8
125 10.0 10.6 16.0#



#36
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 22.54 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BN007536.D
Acq: 05 Sep 2019 15:34

Tgt Ion:252 Resp: 67268
Ion Ratio Lower Upper
252 100
253 23.4 19.4 29.2
125 15.7 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

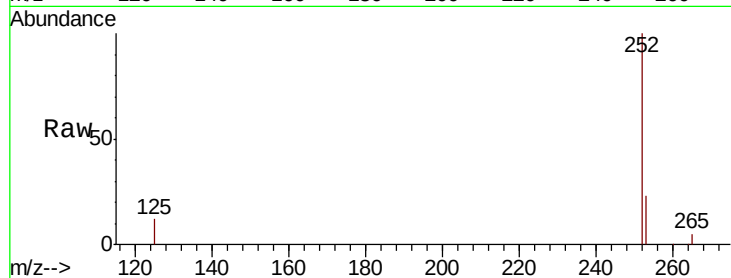
Tot Ion:252 Resp: 56622

Ion Ratio Lower Upper

252 100

253 22.7 19.5 29.3

125 11.6 12.1 18.1#

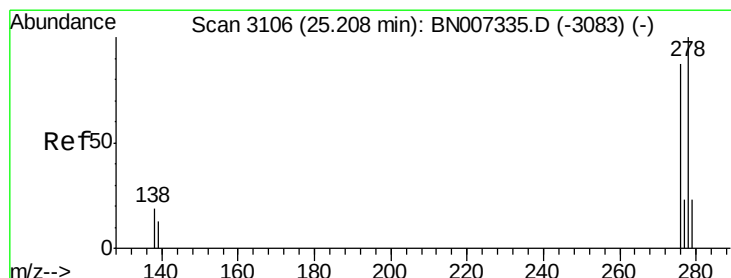
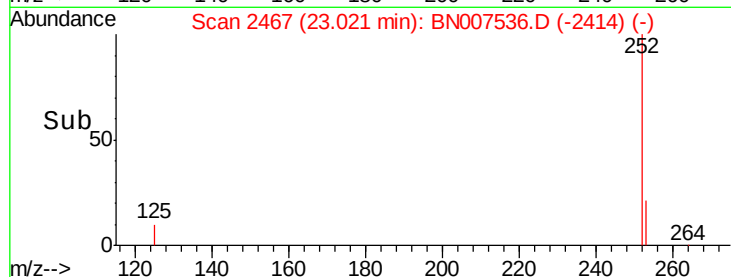
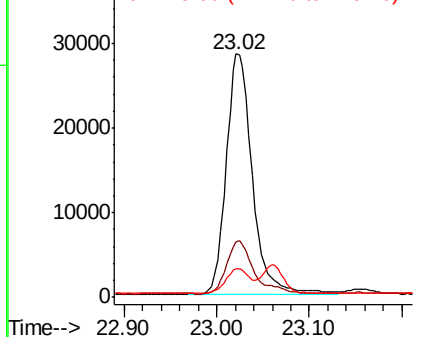


Abundance

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: 0.348 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

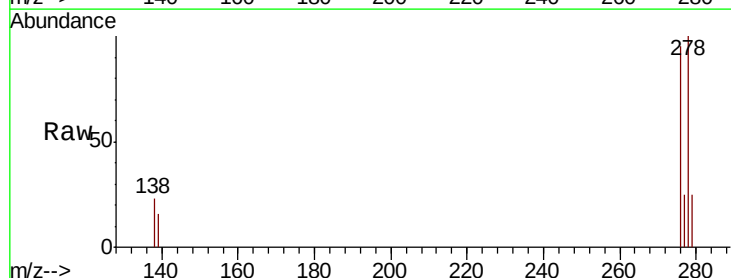
Tgt Ion:278 Resp: 52344

Ion Ratio Lower Upper

278 100

139 15.6 13.7 20.5

279 25.2 20.2 30.4

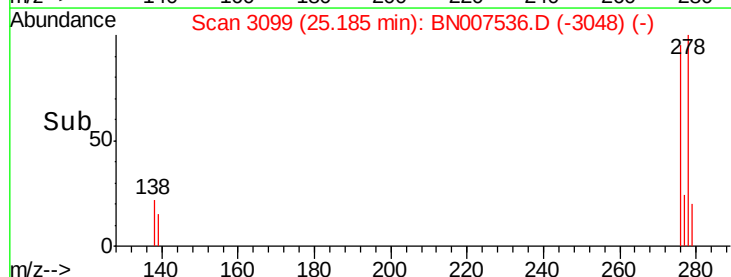
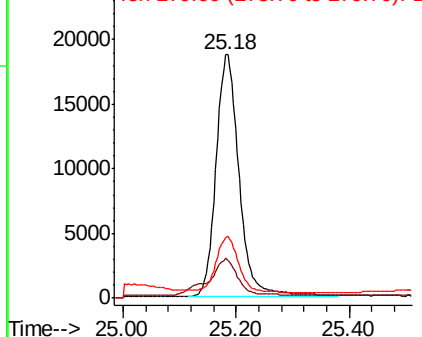


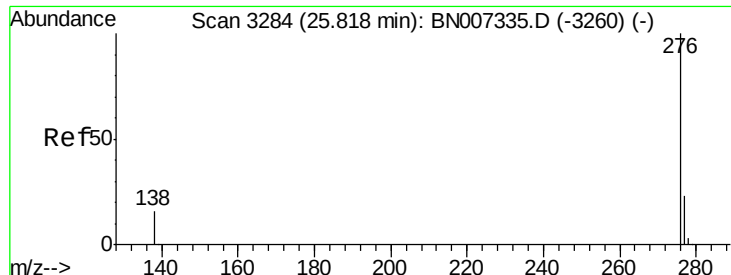
Abundance

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: 0.369 ng

RT: 25.79 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN007536.D

Acq: 05 Sep 2019 15:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

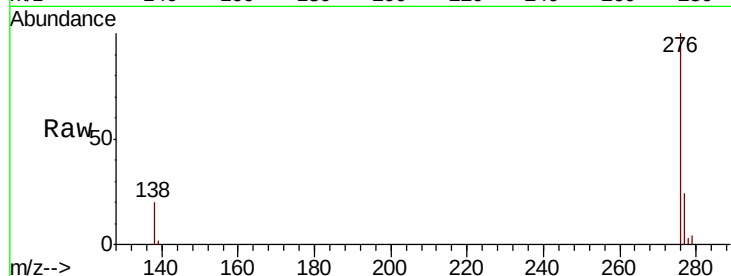
Tot Ion: 276 Resp: 55298

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 20.4 16.3 24.5



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

