

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007642.D
 Acq On : 14 Sep 2019 00:12
 Operator : HP/JU
 Sample : PB123061BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122886BS

Quant Time: Sep 14 05:13:24 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	8928	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	33592	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	17147	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	32724	0.40	ng	0.00
27) Chrysene-d12	21.27	240	27543	0.40	ng	0.00
34) Perylene-d12	23.49	264	25801	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	7384	0.26	ng	0.00
5) Phenol-d6	6.89	99	9760	0.28	ng	0.00
8) Nitrobenzene-d5	8.85	82	7096	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	20713	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1373	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	22153	0.30	ng	0.00
25) Fluoranthene-d10	19.11	212	29187	0.28	ng	0.00
29) Terphenyl-d14	19.72	244	29607	0.41	ng	0.00

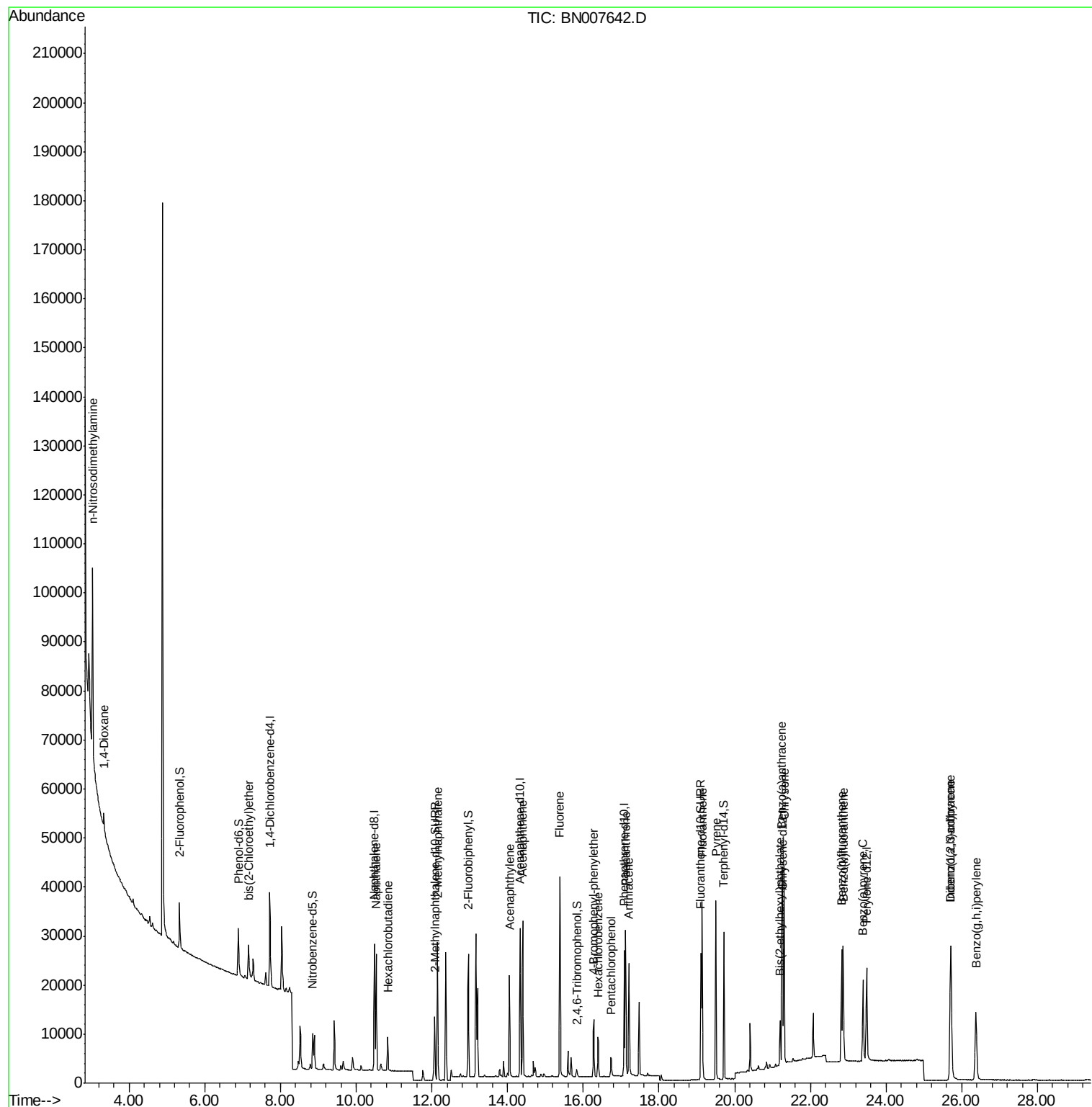
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	2442	0.228	ng	# 72
3) n-Nitrosodimethylamine	3.04	42	4435	0.914	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	7693	0.294	ng	97
9) Naphthalene	10.53	128	29471	0.306	ng	100
10) Hexachlorobutadiene	10.84	225	5563	0.287	ng	# 99
12) 2-Methylnaphthalene	12.15	142	19432	0.300	ng	100
16) Acenaphthylene	14.05	152	23278	0.261	ng	99
17) Acenaphthene	14.40	154	16219	0.279	ng	99
18) Fluorene	15.38	166	19693	0.268	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	6160	0.305	ng	92
21) Hexachlorobenzene	16.40	284	6569	0.304	ng	99
22) Pentachlorophenol	16.74	266	2625	0.467	ng	99
23) Phenanthrene	17.12	178	31081	0.301	ng	100
24) Anthracene	17.20	178	26108	0.285	ng	100
26) Fluoranthene	19.14	202	33548	0.278	ng	100
28) Pyrene	19.50	202	33061	0.330	ng	99
30) Benzo(a)anthracene	21.25	228	27087	0.277	ng	100
31) Chrysene	21.30	228	32534	0.320	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	7751	0.234	ng	100
33) Indeno(1,2,3-cd)pyrene	25.70	276	34298	0.316	ng	99
35) Benzo(b)fluoranthene	22.83	252	29648	0.316	ng	# 95
36) Benzo(k)fluoranthene	22.87	252	29951	0.312	ng	97
37) Benzo(a)pyrene	23.39	252	25696	0.309	ng	# 93
38) Dibenzo(a,h)anthracene	25.72	278	28519	0.328	ng	98
39) Benzo(g,h,i)perylene	26.37	276	29656	0.344	ng	98

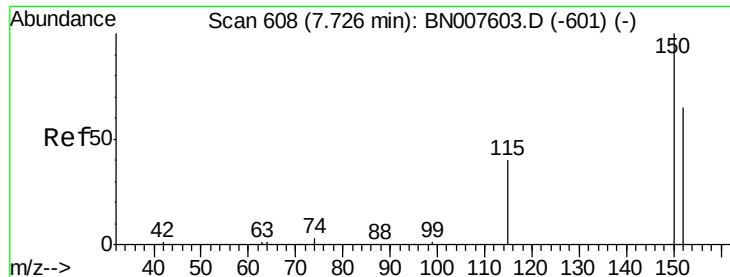
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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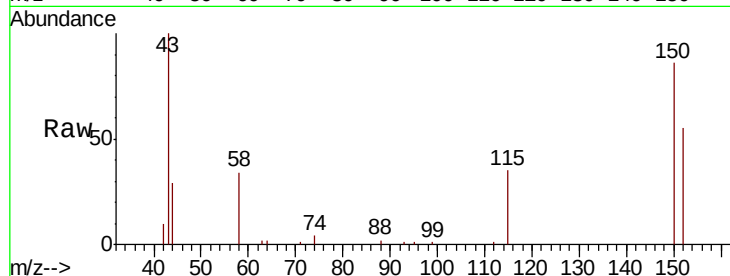


#1

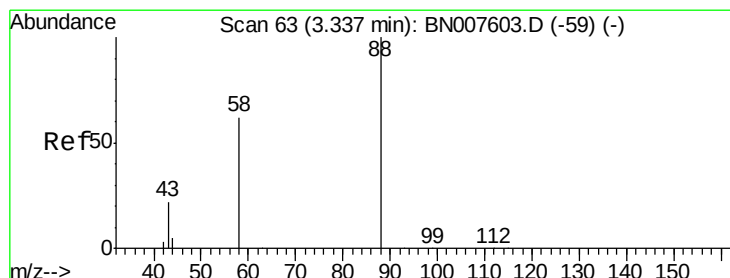
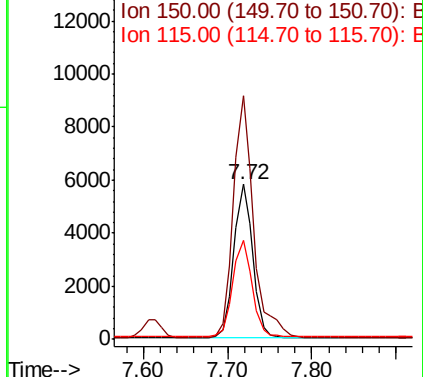
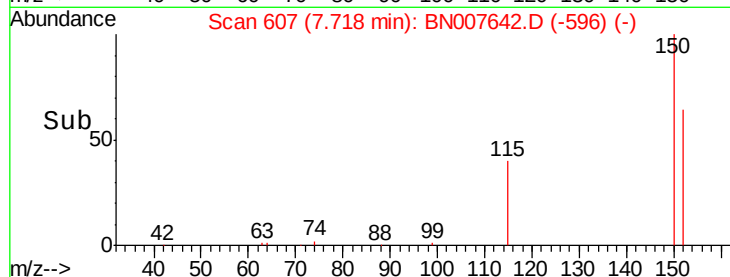
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

Instrument :
BNA_N
ClientSampleId :
PB122886BS

Tot Ion:152 Resp: 8928
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 63.8 50.4 75.6



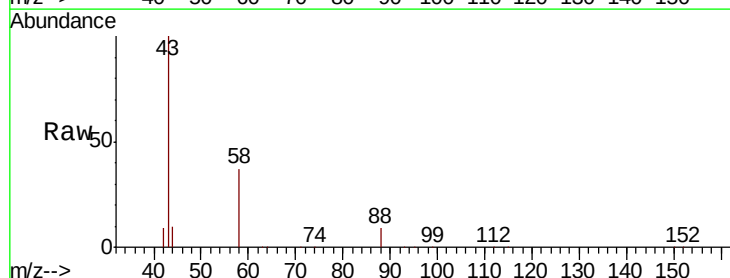
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



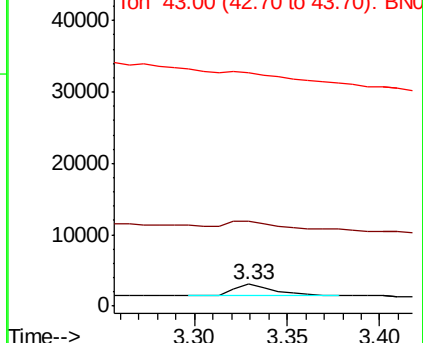
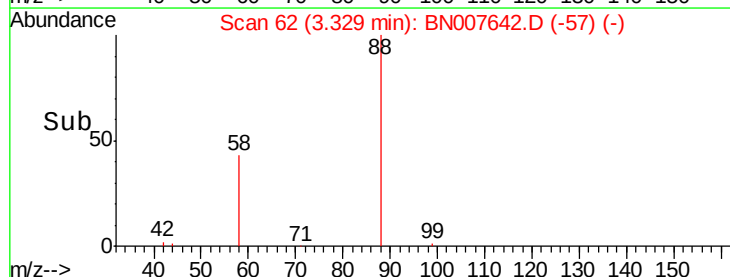
#2

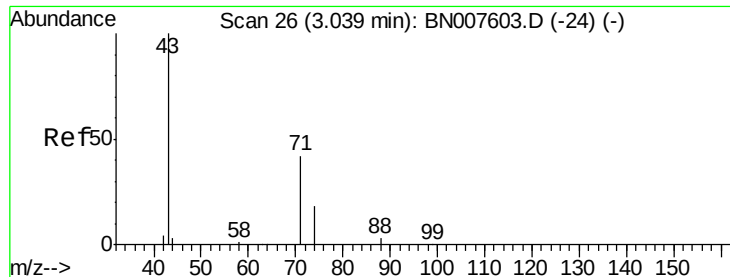
1,4-Dioxane
Concen: 0.228 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

Tgt Ion: 88 Resp: 2442
Ion Ratio Lower Upper
88 100
58 88.5 57.0 85.4#
43 0.0 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: 0.914 ng

RT: 3.04 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

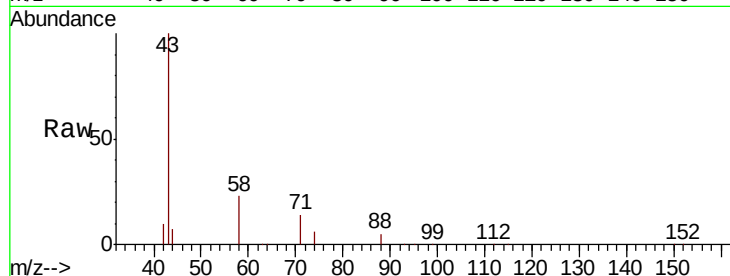
Tot Ion: 42 Resp: 4435

Ion Ratio Lower Upper

42 100

74 106.2 9.8 14.8#

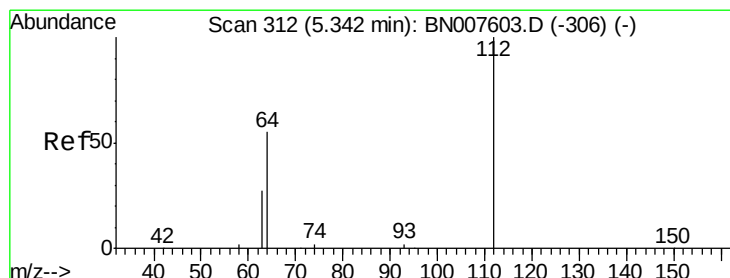
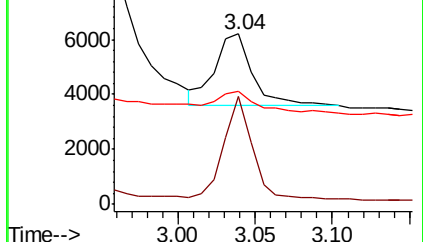
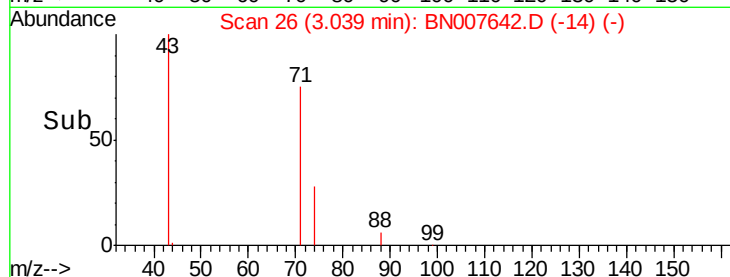
44 30.2 0.0 0.0#



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: 0.258 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

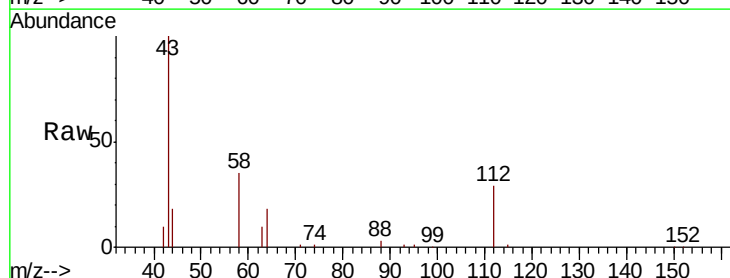
Tgt Ion: 112 Resp: 7384

Ion Ratio Lower Upper

112 100

64 60.1 48.5 72.7

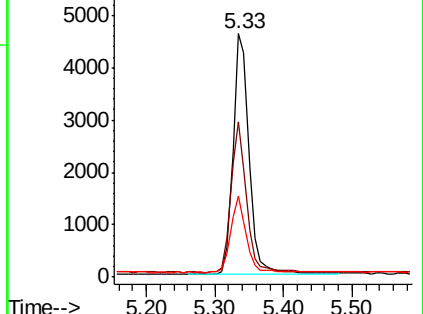
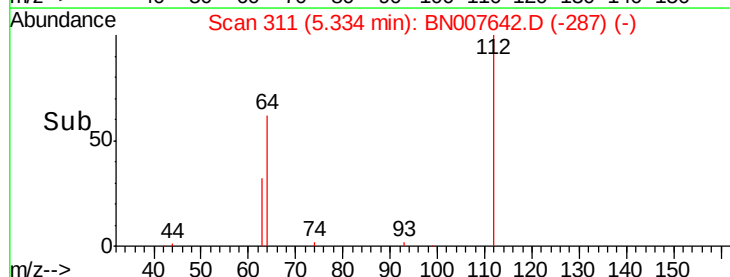
63 30.5 24.4 36.6

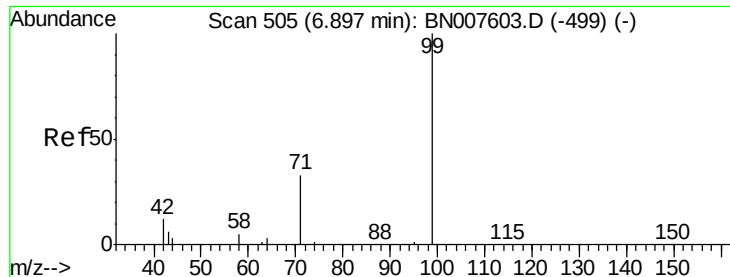


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.282 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

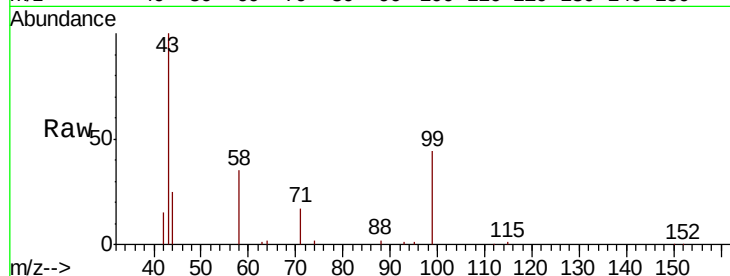
Tot Ion: 99 Resp: 9760

Ion Ratio Lower Upper

99 100

42 16.1 11.8 17.6

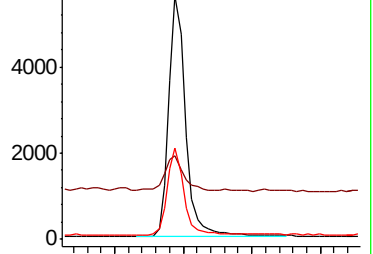
71 35.4 28.0 42.0



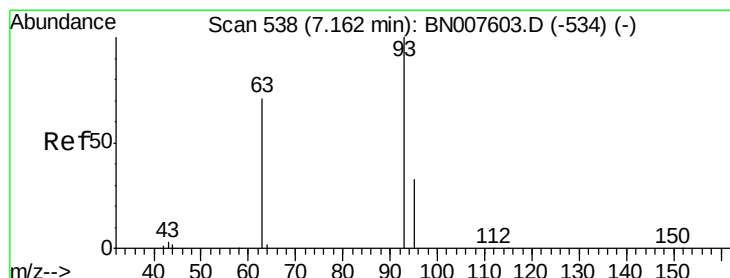
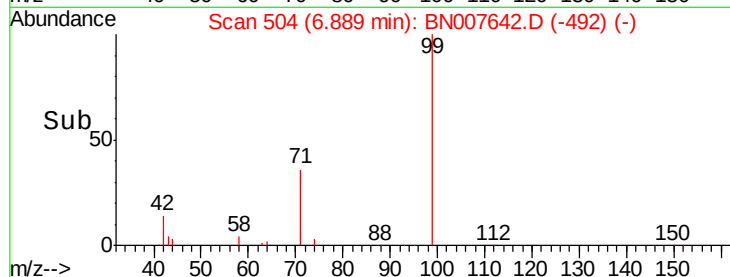
Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

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

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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.294 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

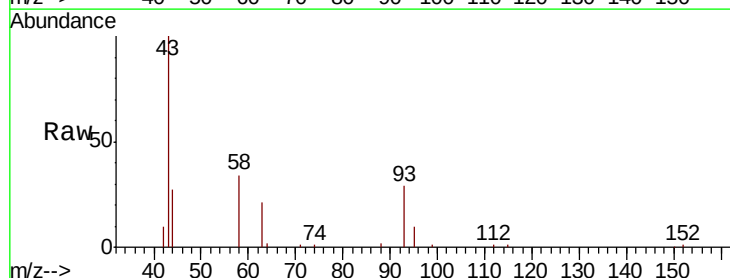
Tgt Ion: 93 Resp: 7693

Ion Ratio Lower Upper

93 100

63 73.4 61.2 91.8

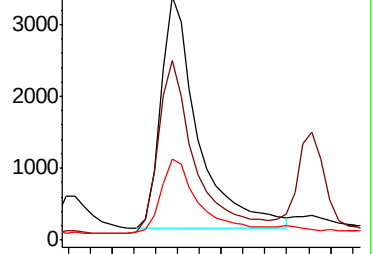
95 32.5 27.2 40.8



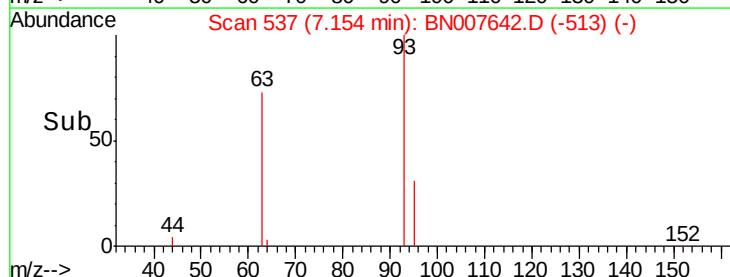
Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

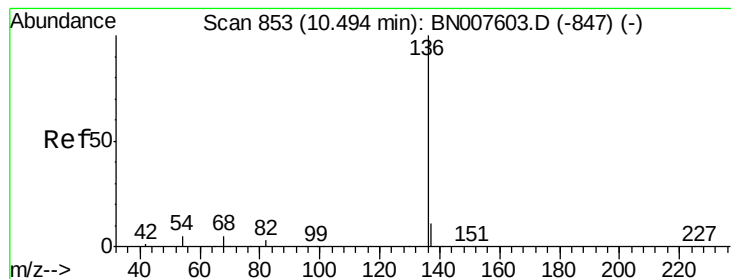
Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

Tot Ion:136 Resp: 33592

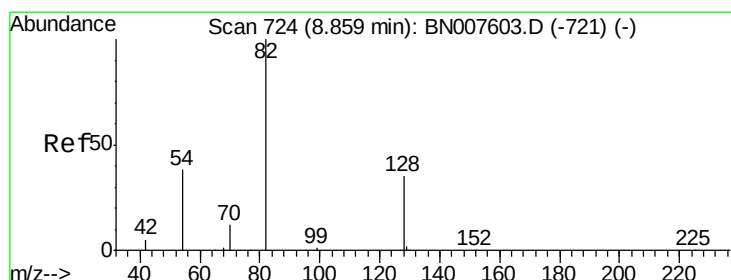
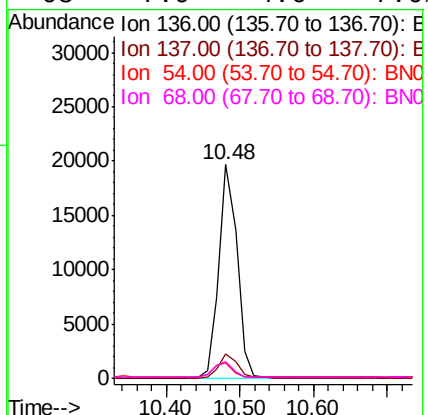
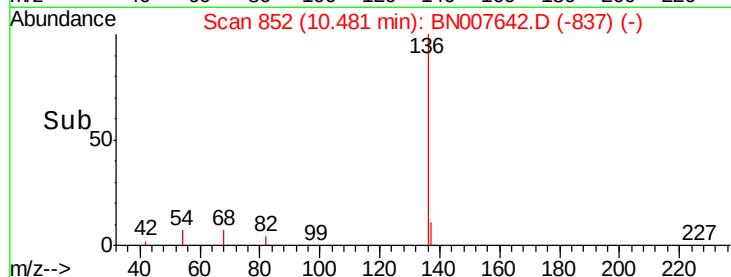
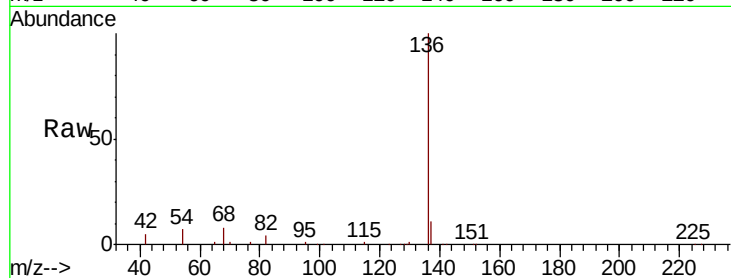
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.1 4.2 6.4#

68 7.9 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

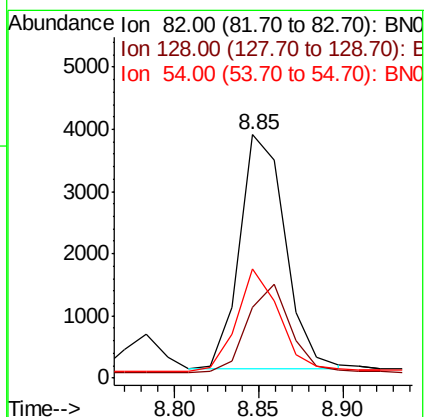
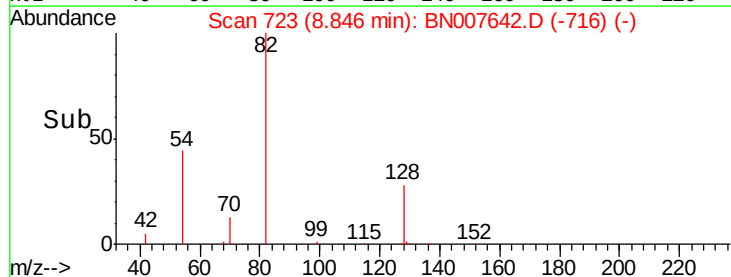
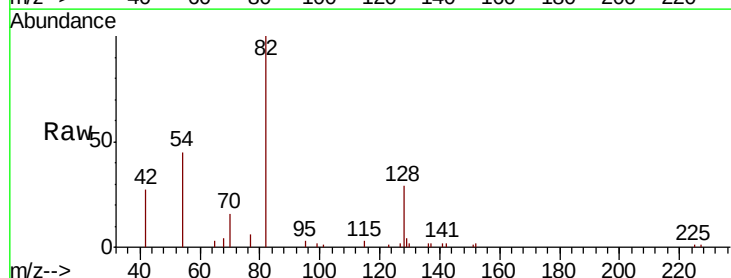
Tgt Ion: 82 Resp: 7096

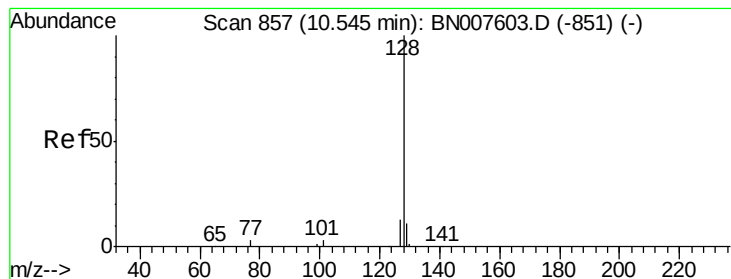
Ion Ratio Lower Upper

82 100

128 28.9 27.9 41.9

54 45.0 30.9 46.3





#9

Naphthalene

Concen: 0.306 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

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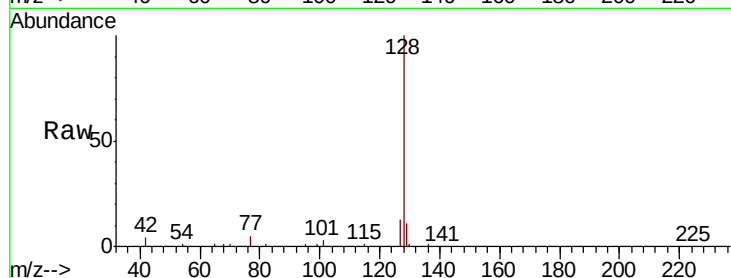
Tot Ion:128 Resp: 29471

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

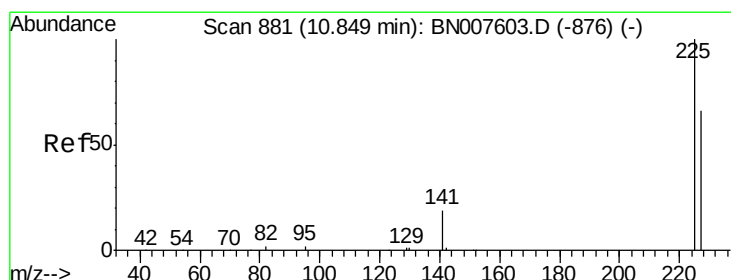
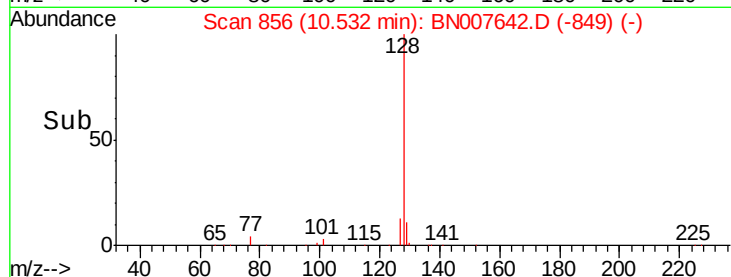
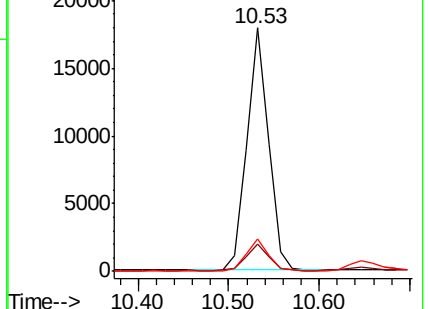
127 13.2 10.4 15.6



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: 0.287 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

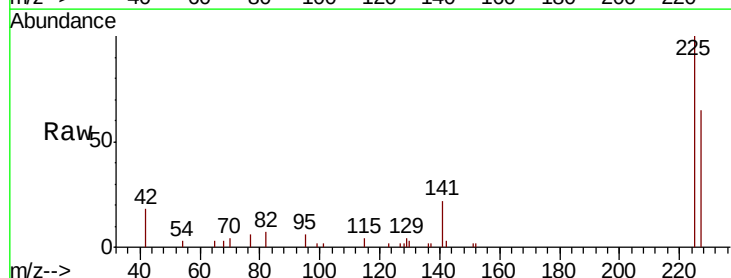
Tgt Ion:225 Resp: 5563

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

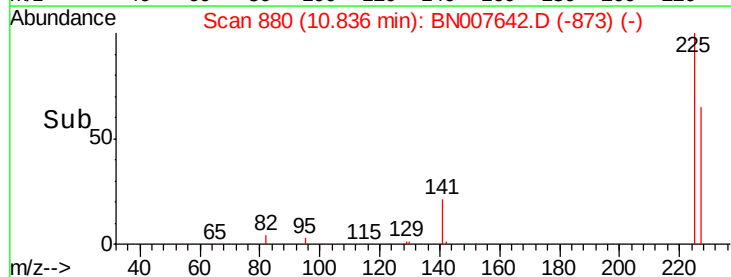
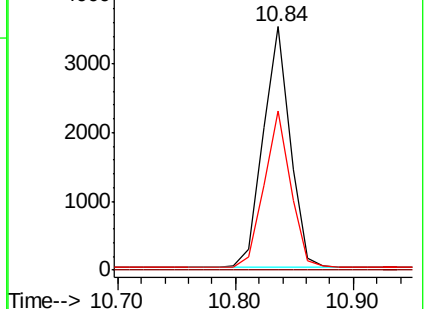
227 63.6 51.3 76.9

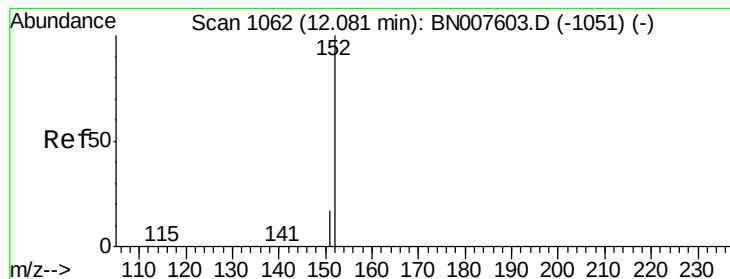


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

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ClientSampleId :

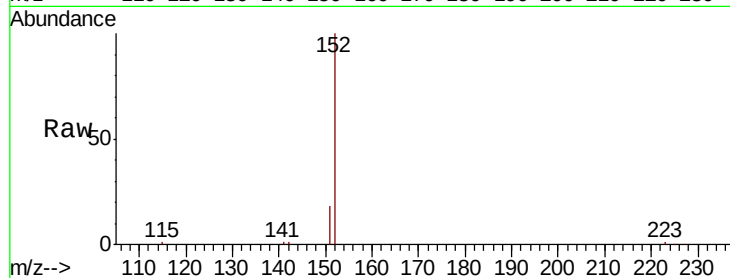
PB122886BS

Tot Ion:152 Resp: 20713

Ion Ratio Lower Upper

152 100

151 15.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

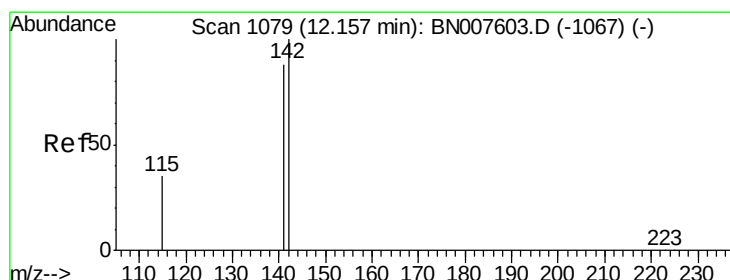
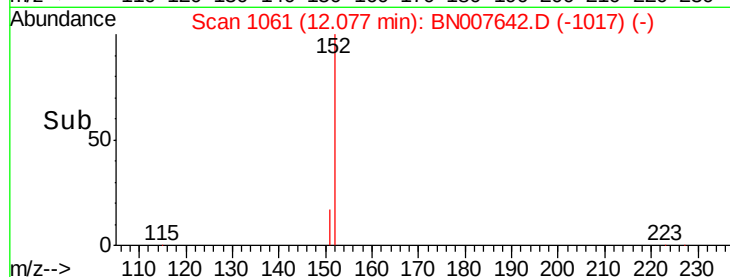
4000

2000

0

12.08

Time-->



#12

2-Methylnaphthalene

Concen: 0.300 ng

RT: 12.15 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

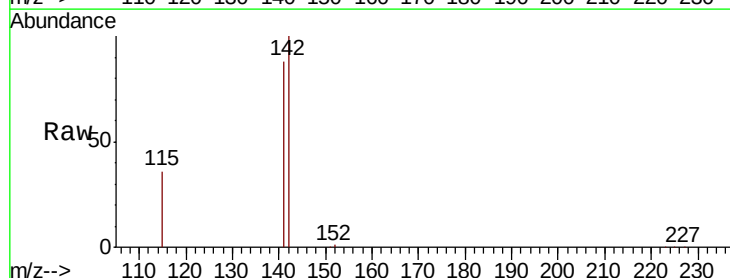
Tgt Ion:142 Resp: 19432

Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7

115 35.6 28.4 42.6



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

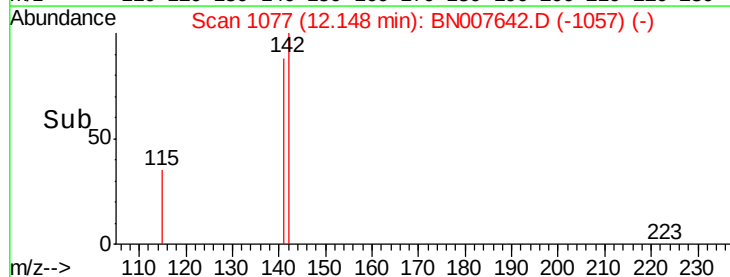
10000

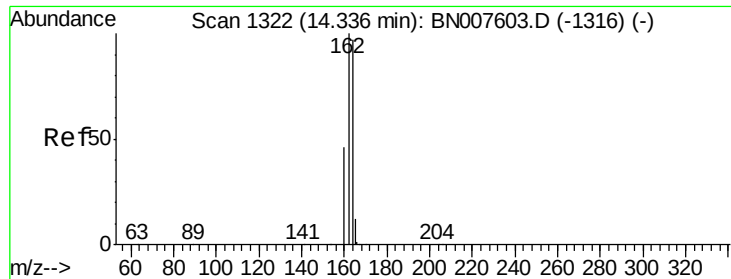
5000

0

12.15

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

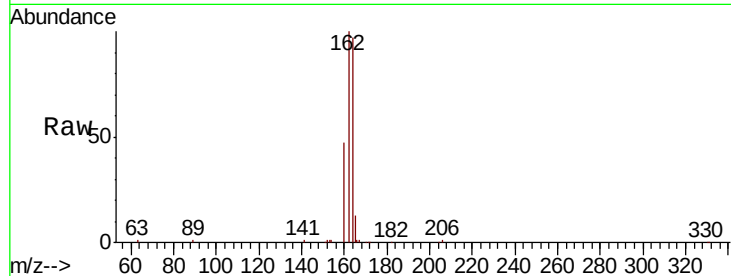
Tot Ion:164 Resp: 17147

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

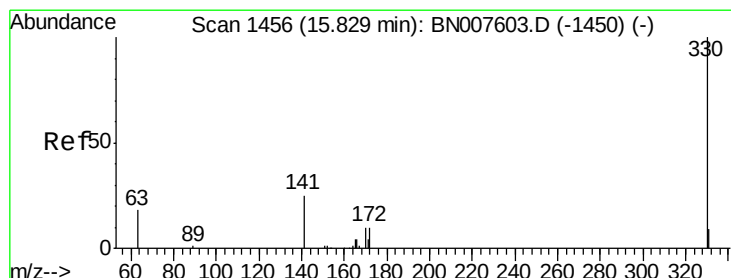
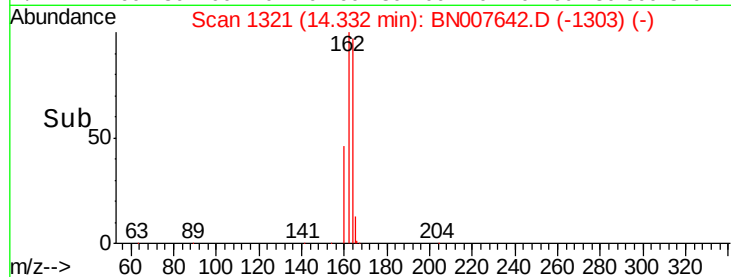
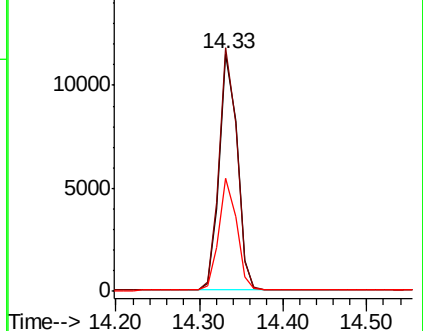
160 47.8 38.0 57.0



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: 0.212 ng

RT: 15.83 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

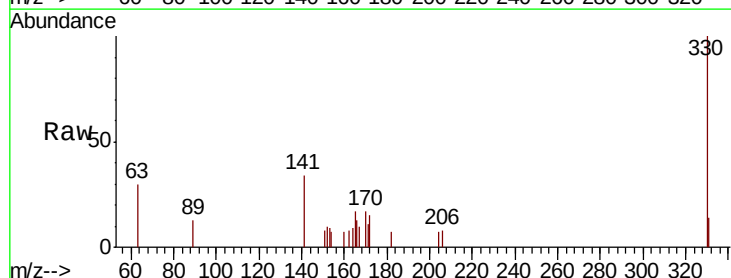
Tgt Ion:330 Resp: 1373

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

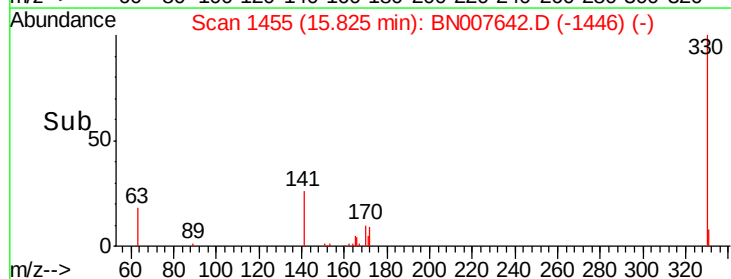
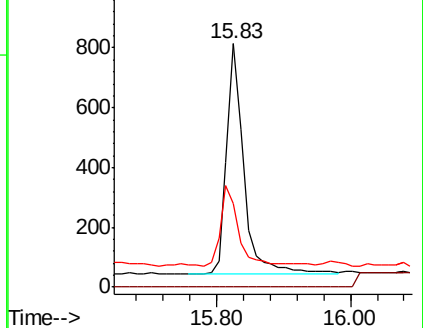
141 39.3 30.1 45.1

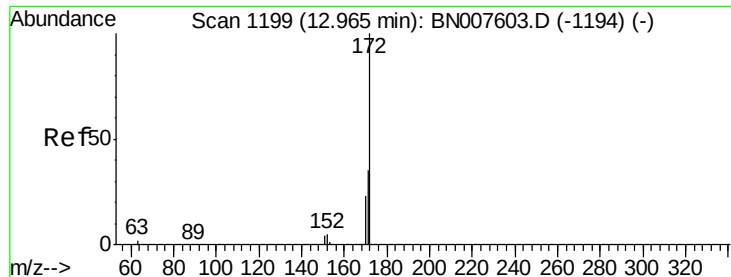


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

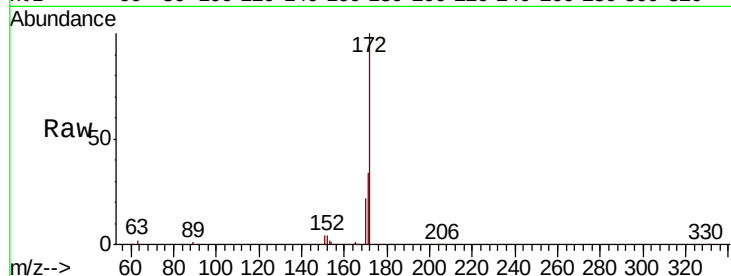




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

Instrument :
BNA_N
ClientSampleId :
PB122886BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	22.2	18.5	27.7

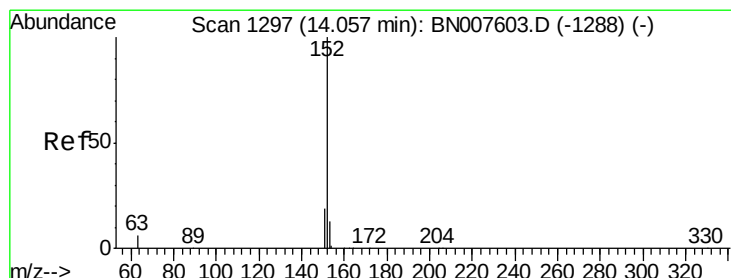
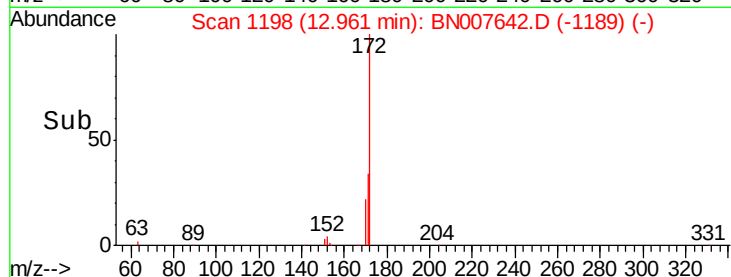
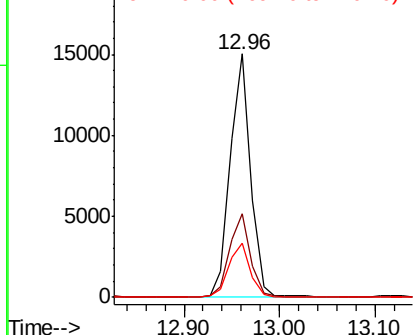


Abundance

Ion 172.00 (171.70 to 172.70): E

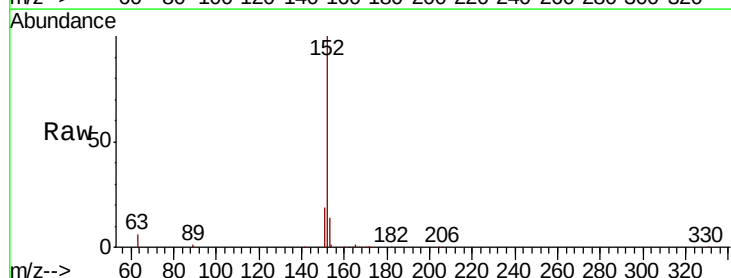
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.5	10.4	15.6

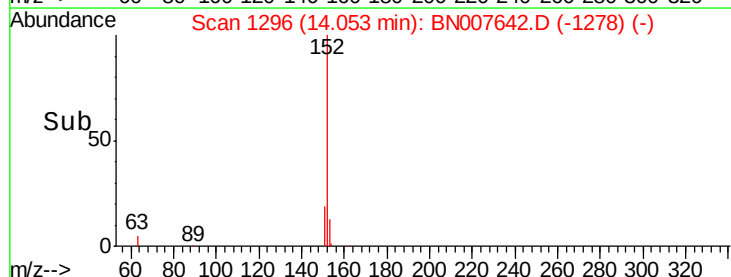
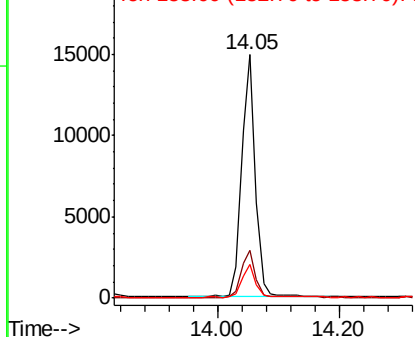


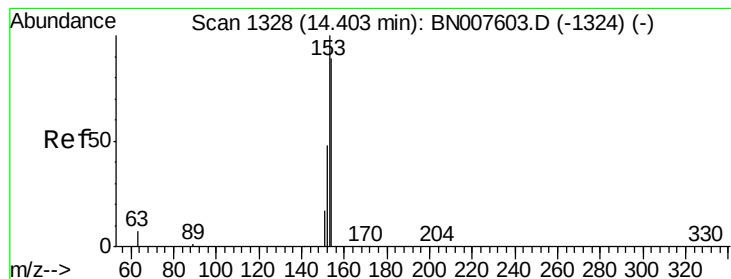
Abundance

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: 0.279 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

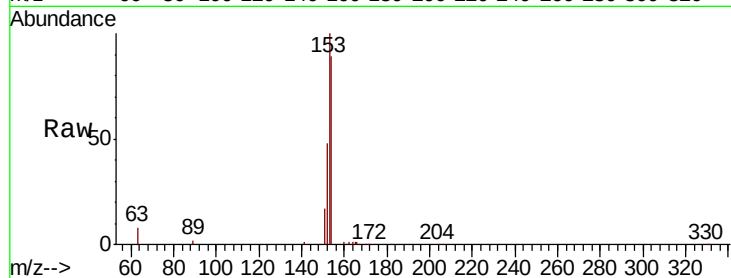
Tot Ion:154 Resp: 16219

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.8

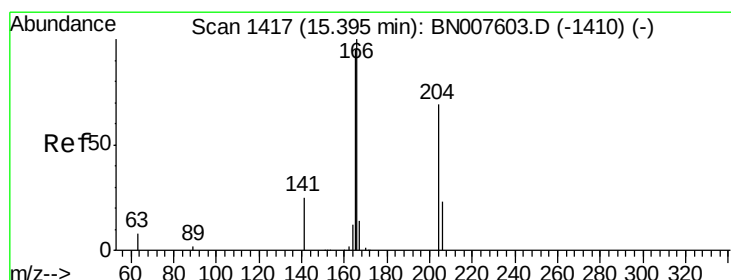
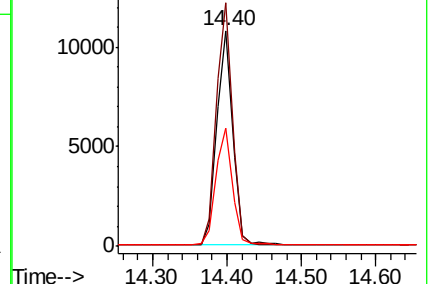
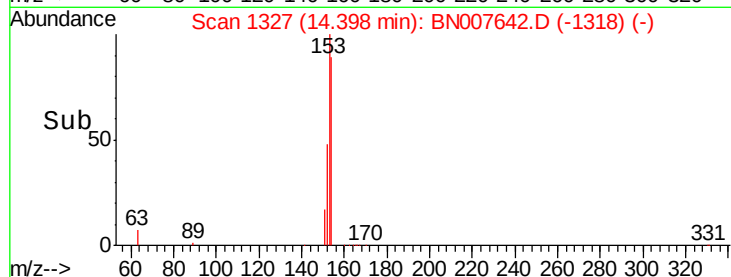
152 55.8 43.8 65.8



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: 0.268 ng

RT: 15.38 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

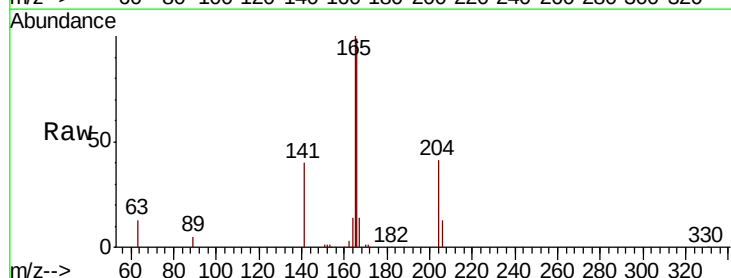
Tgt Ion:166 Resp: 19693

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.6

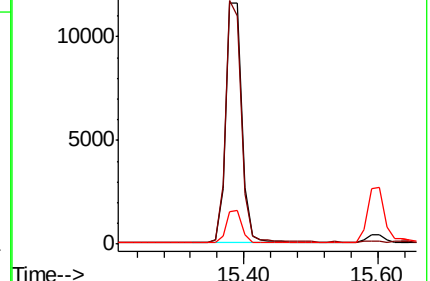
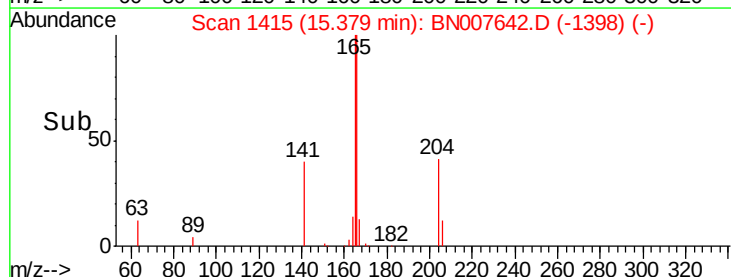
167 13.7 10.8 16.2

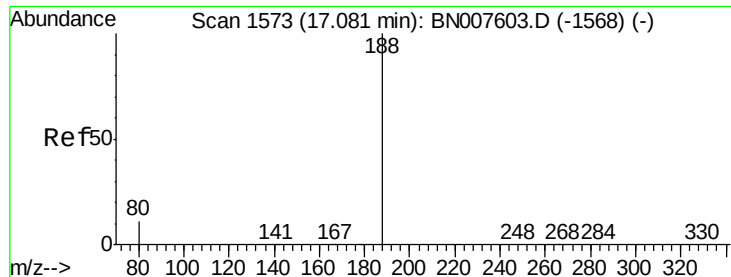


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1572

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

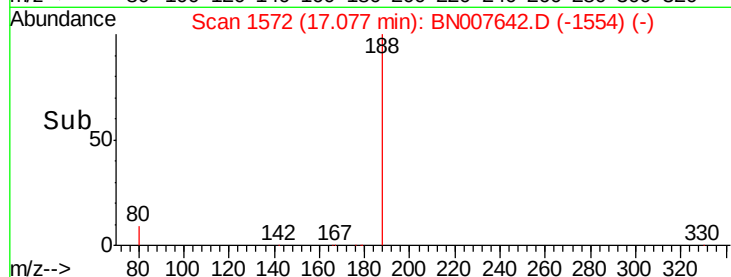
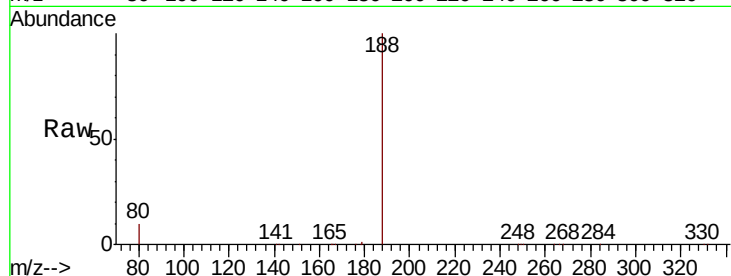
Tot Ion:188 Resp: 32724

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

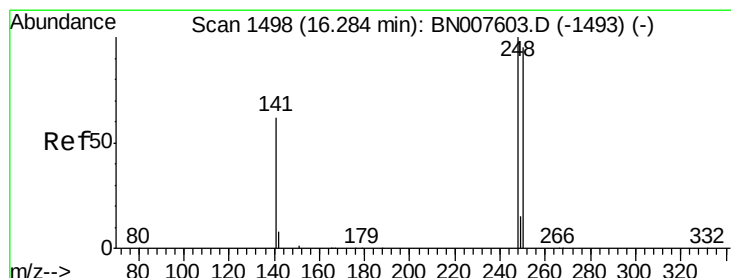
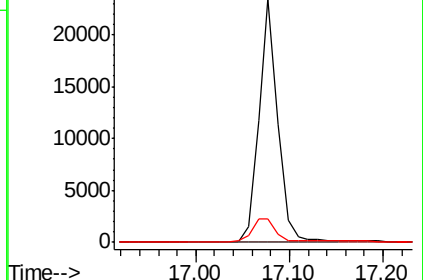
80 9.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.305 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

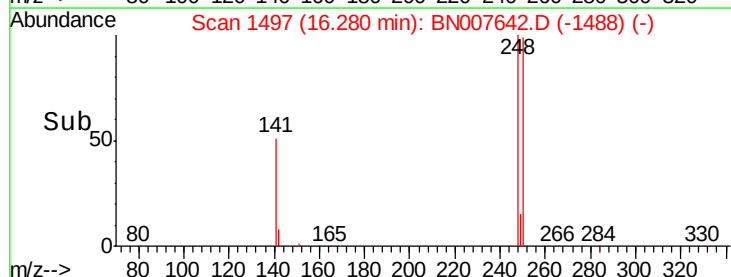
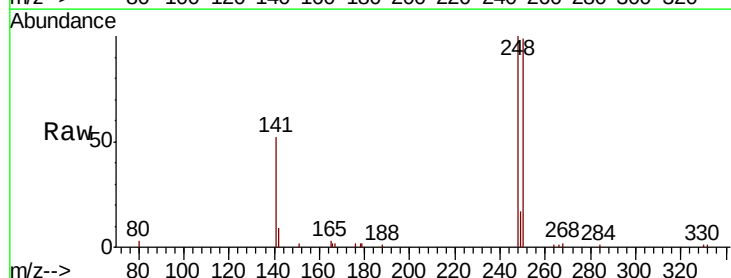
Tgt Ion:248 Resp: 6160

Ion Ratio Lower Upper

248 100

250 99.4 76.3 114.5

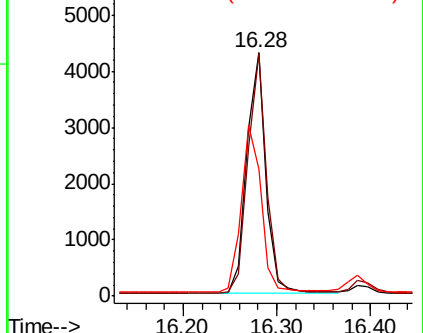
141 52.1 49.7 74.5

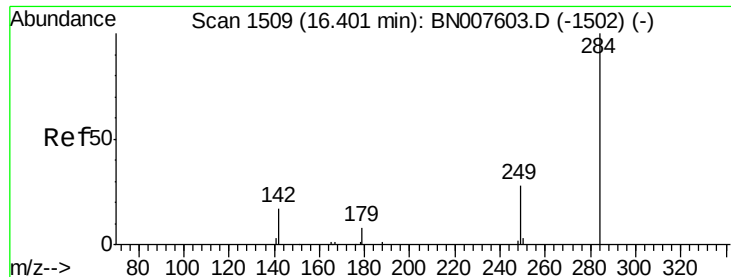


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.304 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

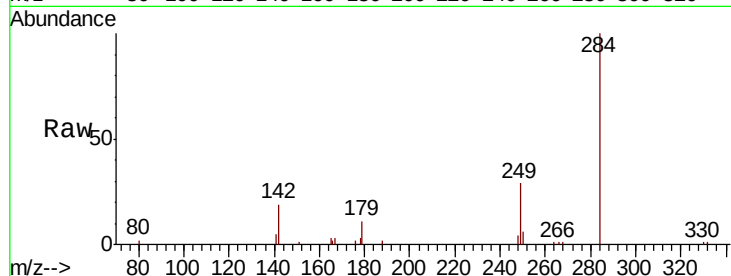
Tot Ion:284 Resp: 6569

Ion Ratio Lower Upper

284 100

142 36.1 27.8 41.6

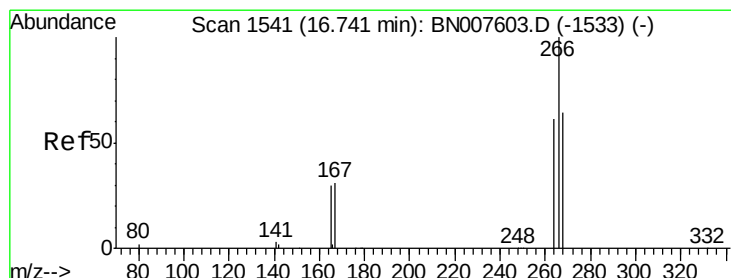
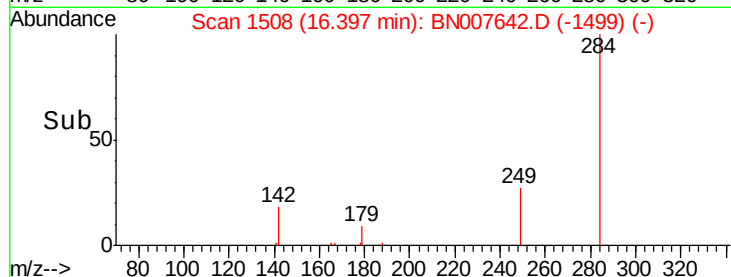
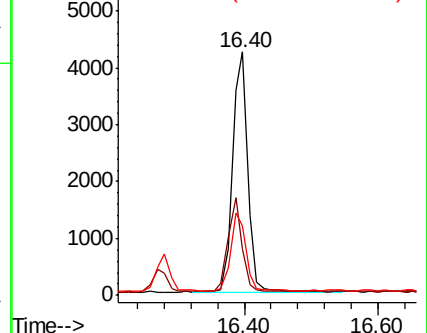
249 32.0 25.5 38.3



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: 0.467 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

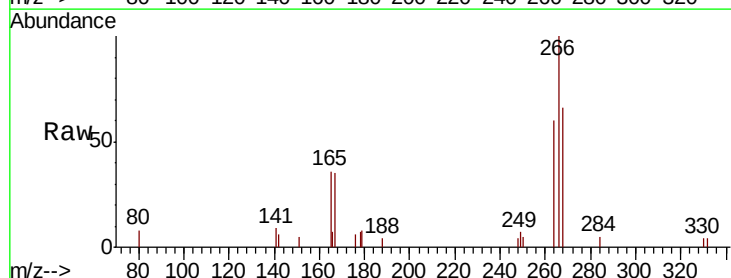
Tgt Ion:266 Resp: 2625

Ion Ratio Lower Upper

266 100

264 60.3 49.4 74.0

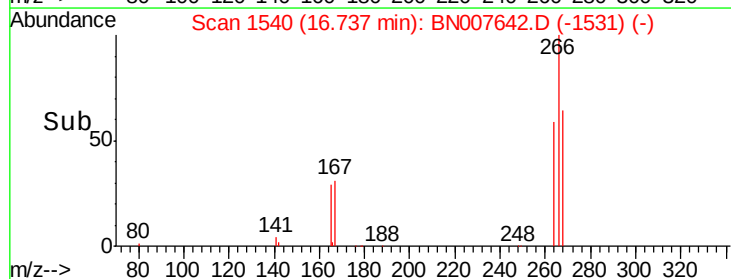
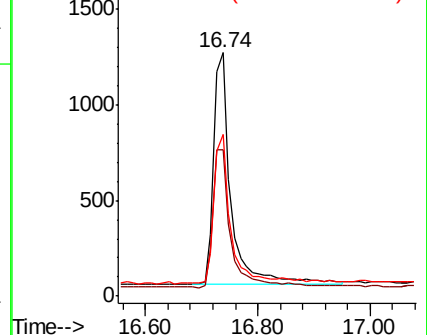
268 66.5 53.0 79.6

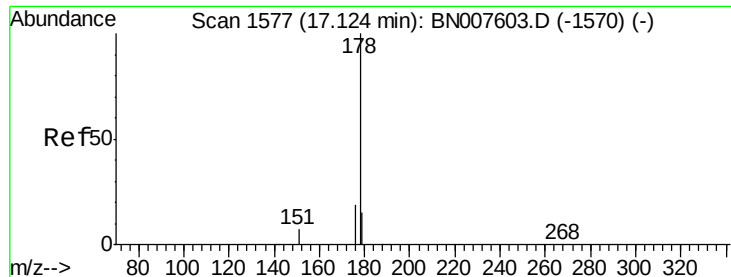


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.301 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

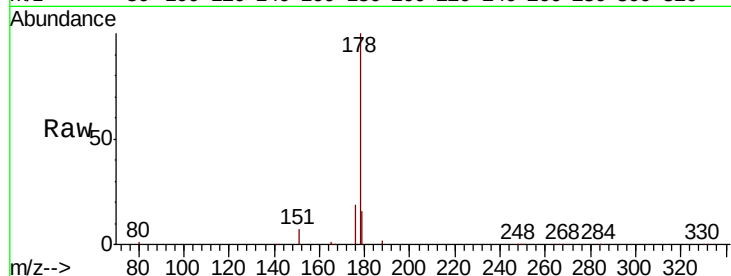
BNA_N

ClientSampleId :

PB122886BS

Tot Ion:178 Resp: 31081

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.4	18.6

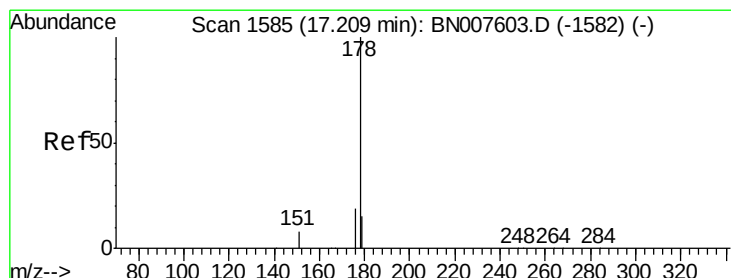
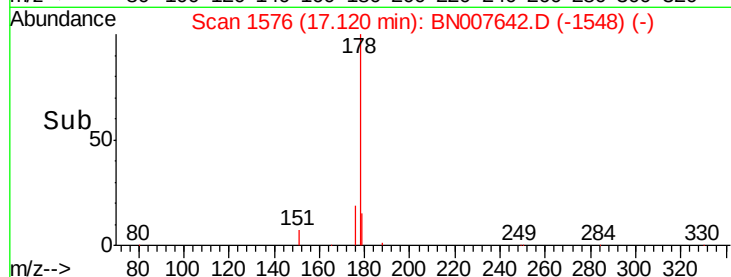
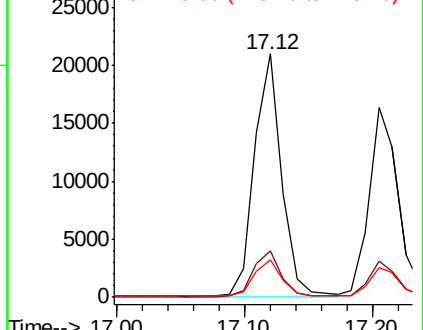


Abundance

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: 0.285 ng

RT: 17.20 min Scan# 1584

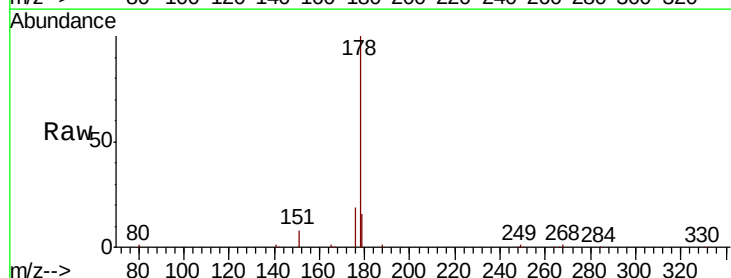
Delta R.T. -0.00 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Tgt Ion:178 Resp: 26108

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.4	18.6

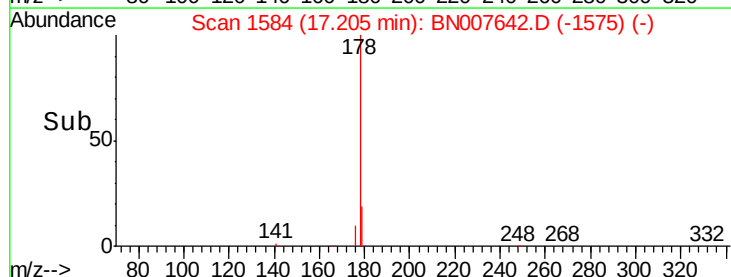
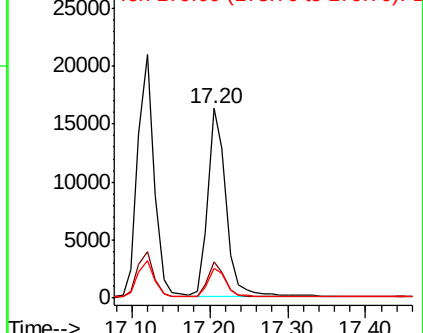


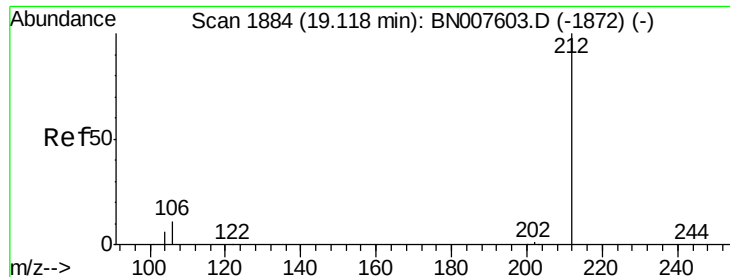
Abundance

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: 0.283 ng

RT: 19.11 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

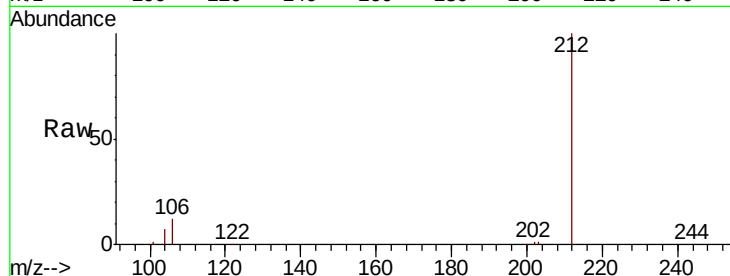
Tot Ion:212 Resp: 29187

Ion Ratio Lower Upper

212 100

106 12.1 9.6 14.4

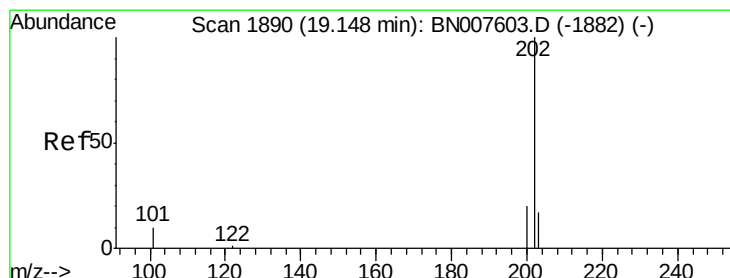
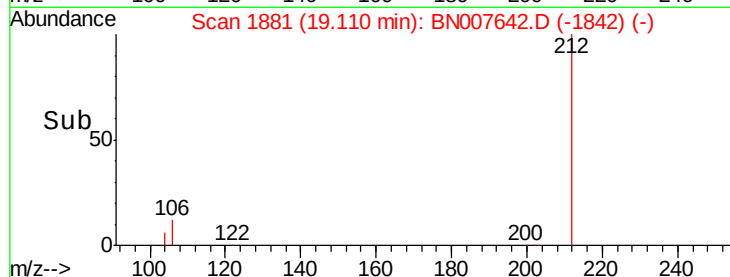
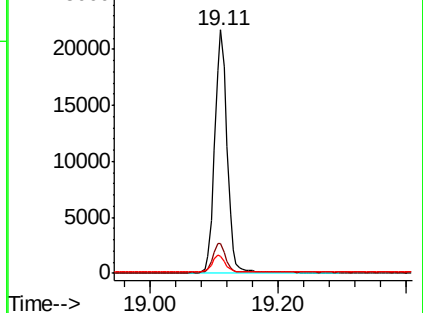
104 6.9 5.4 8.0



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: 0.278 ng

RT: 19.14 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

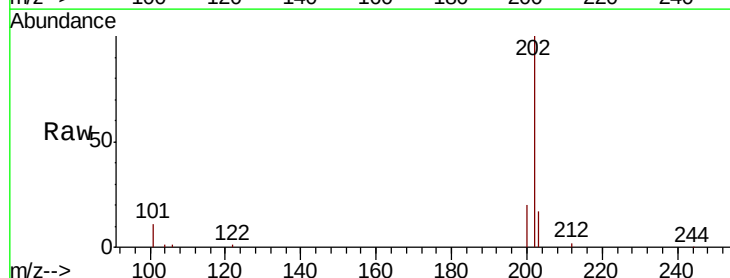
Tgt Ion:202 Resp: 33548

Ion Ratio Lower Upper

202 100

101 11.2 8.6 13.0

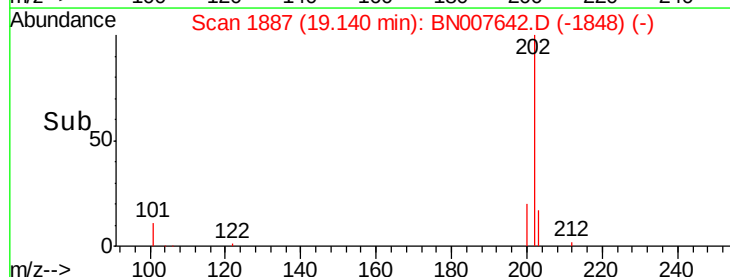
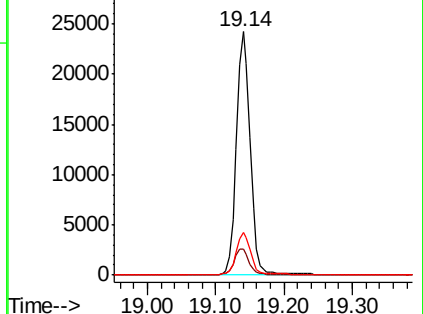
203 17.2 13.8 20.6

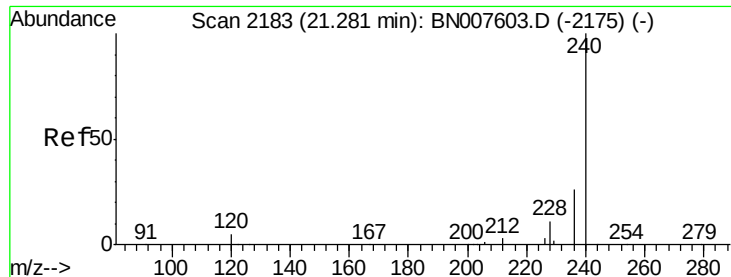


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

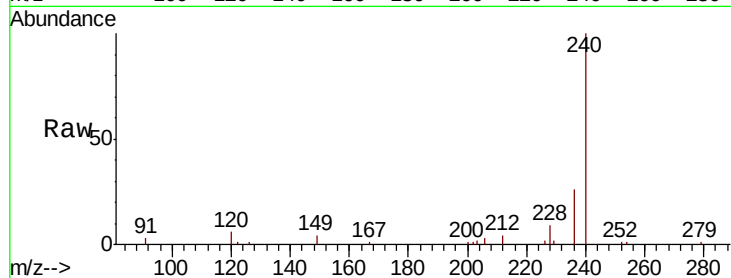
Tot Ion:240 Resp: 27543

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

236 25.8 20.8 31.2

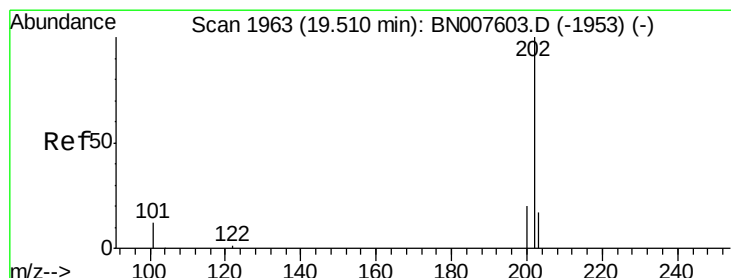
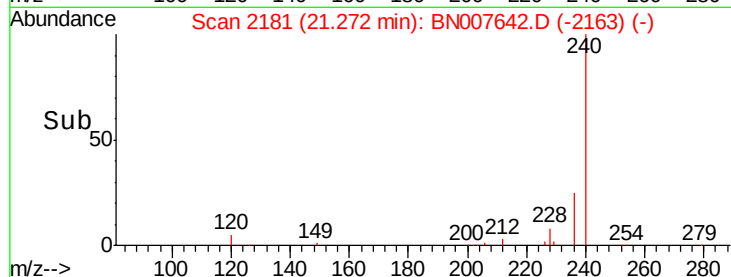
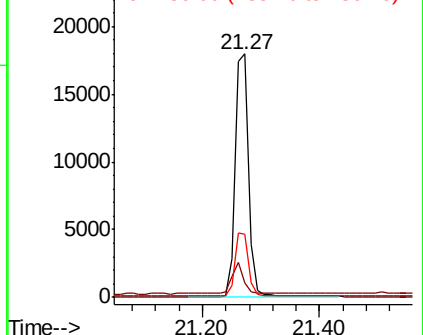


Abundance

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: 0.330 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

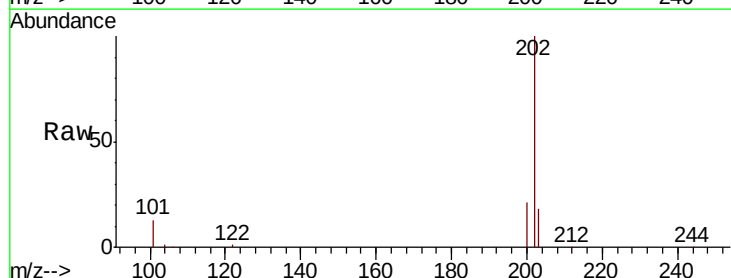
Tgt Ion:202 Resp: 33061

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 18.1 14.0 21.0

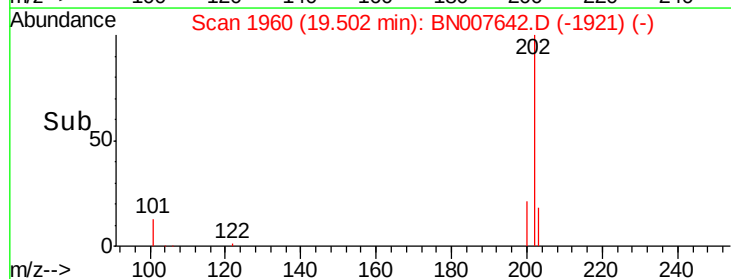
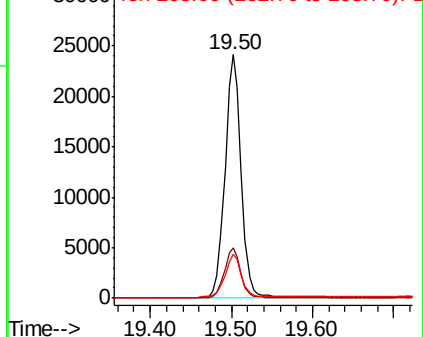


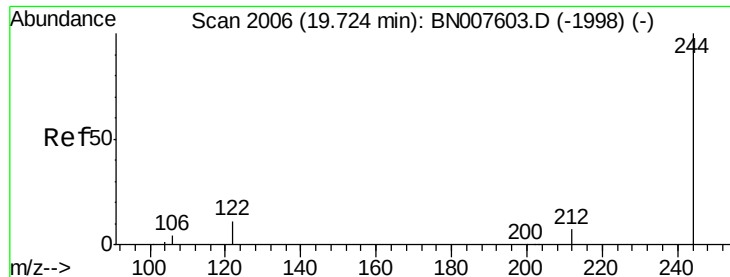
Abundance

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: 0.408 ng

RT: 19.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

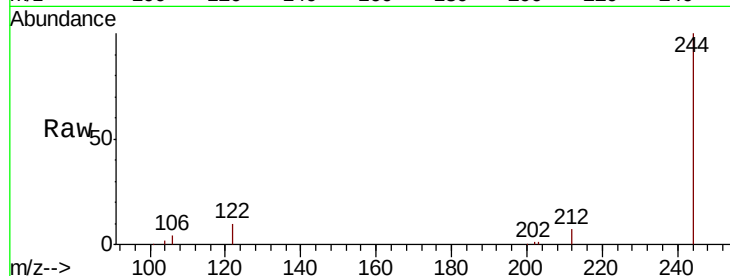
Tot Ion:244 Resp: 29607

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

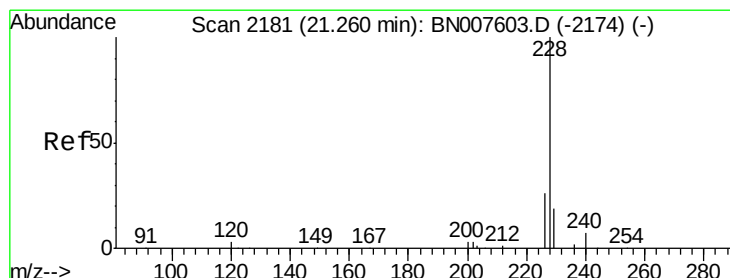
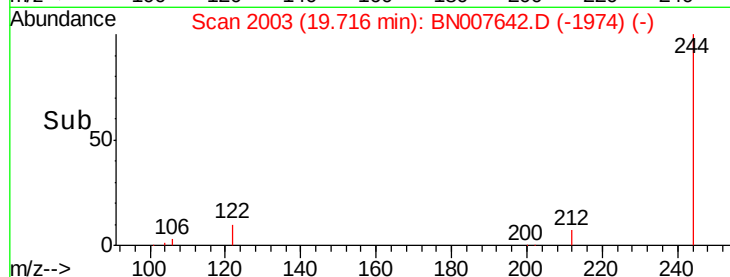
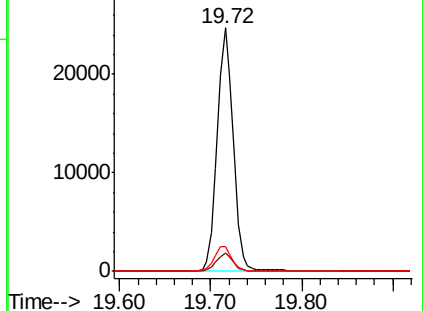
122 10.0 8.6 12.8



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: 0.277 ng

RT: 21.25 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

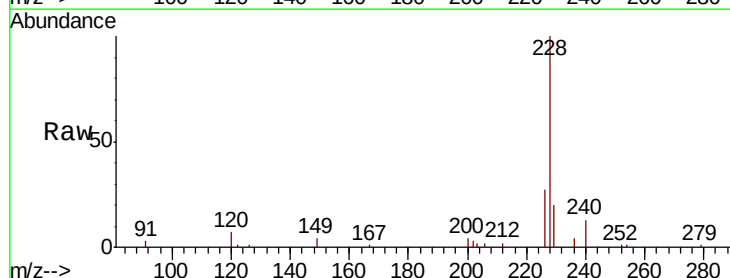
Tgt Ion:228 Resp: 27087

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

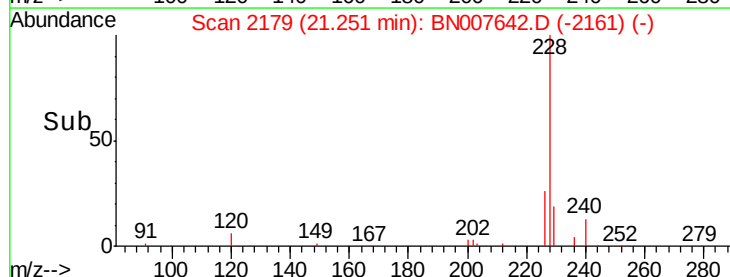
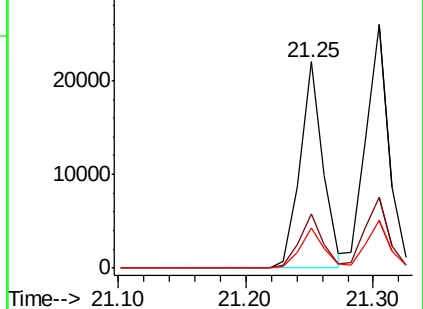
229 19.7 15.5 23.3

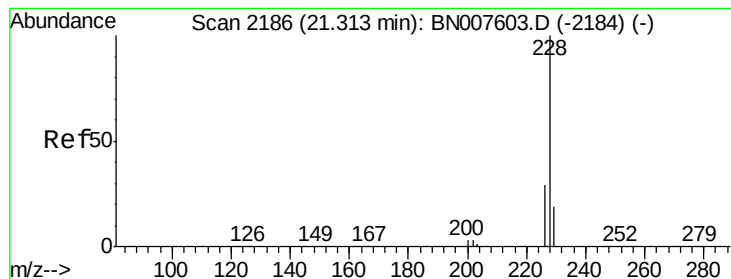


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.320 ng

RT: 21.30 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

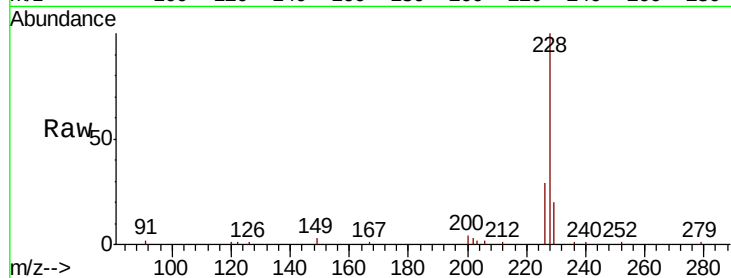
Tot Ion:228 Resp: 32534

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

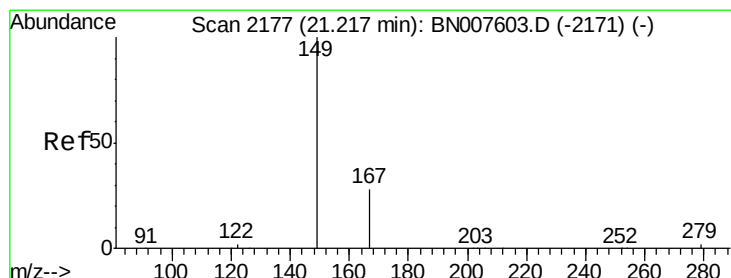
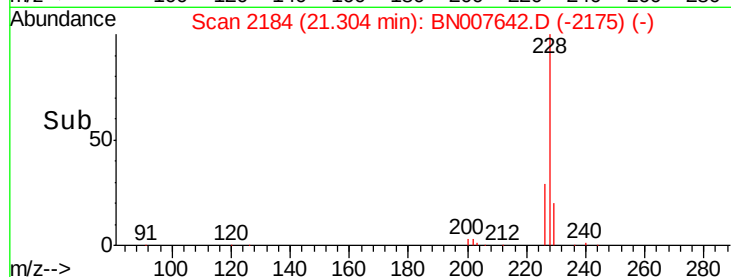
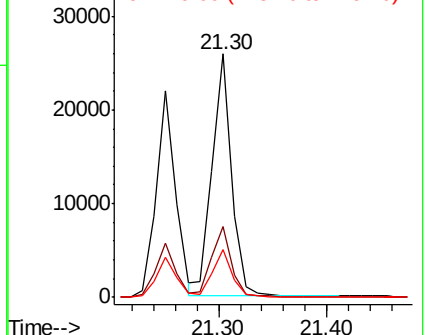
229 19.8 15.5 23.3



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: 0.234 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

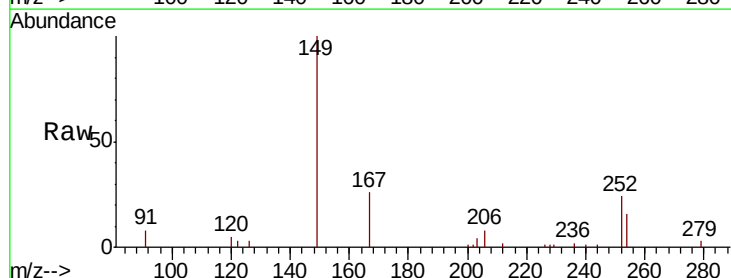
Tgt Ion:149 Resp: 7751

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

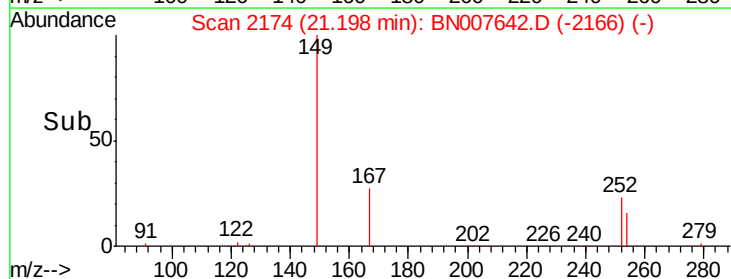
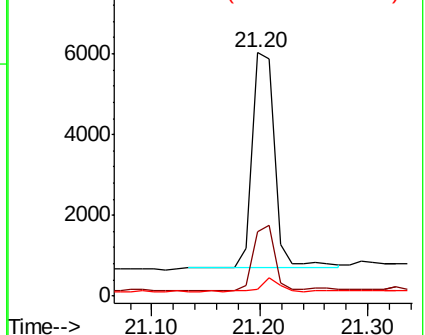
279 4.9 3.8 5.6

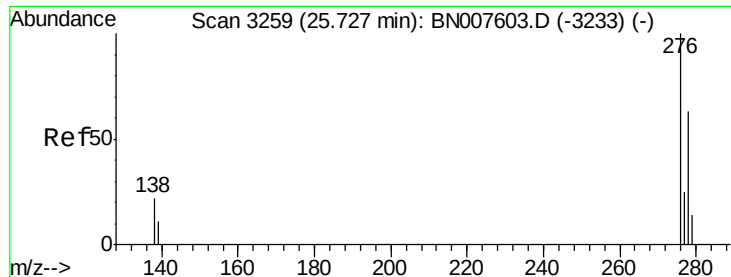


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.316 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.03 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

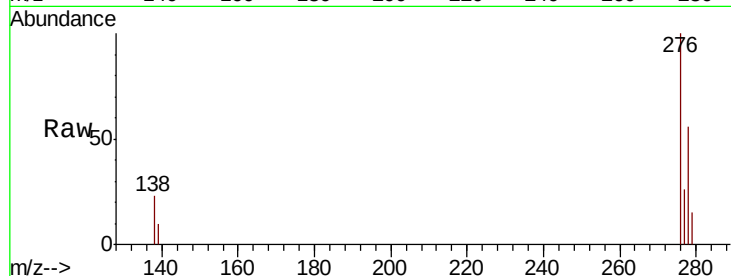
Tot Ion:276 Resp: 34298

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.4

277 25.1 20.1 30.1

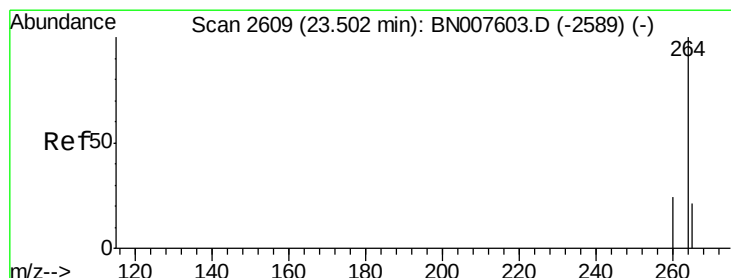
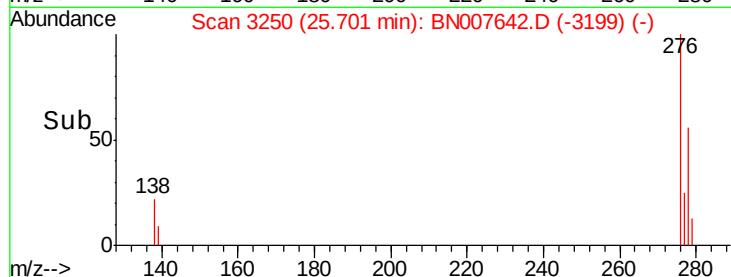
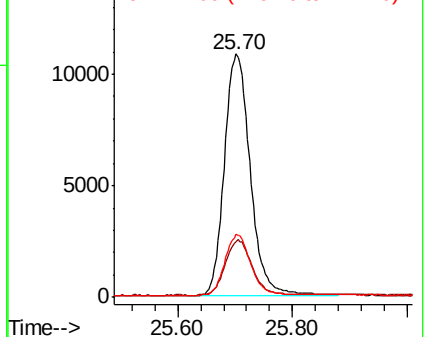


Abundance

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: 23.49 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

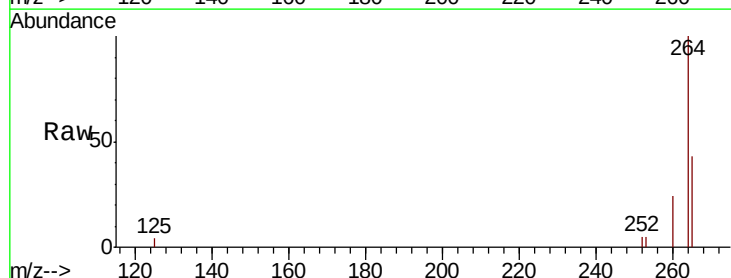
Tgt Ion:264 Resp: 25801

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 43.1 24.6 37.0#

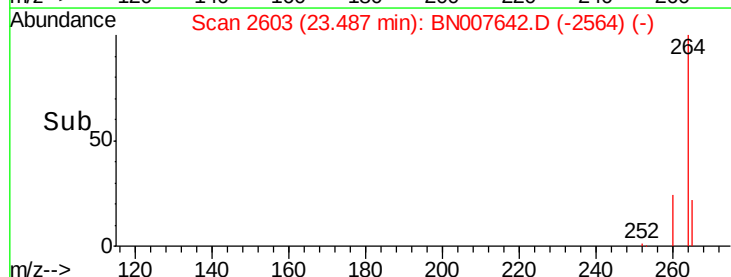
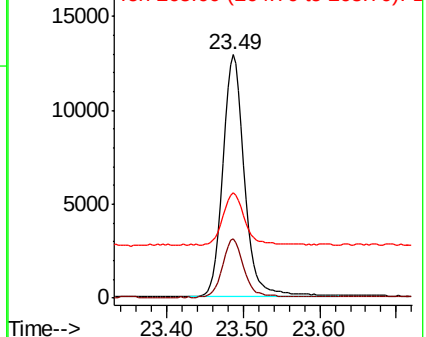


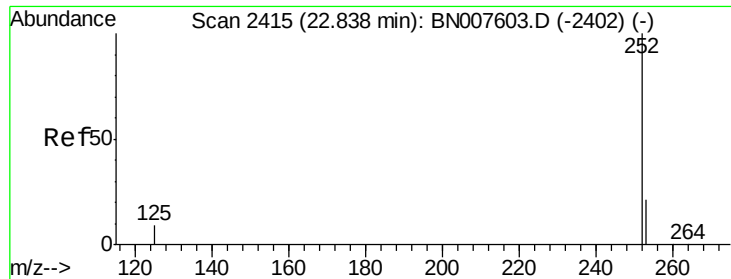
Abundance

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

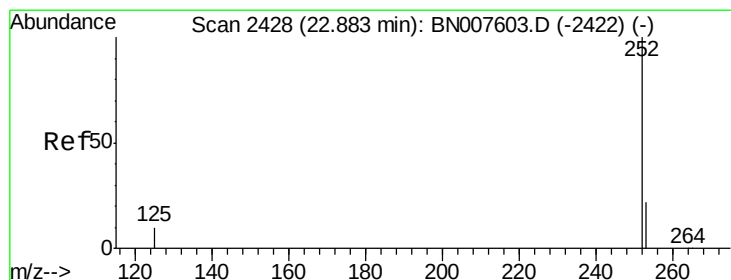
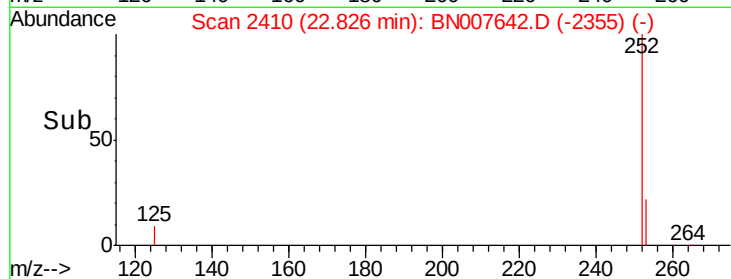
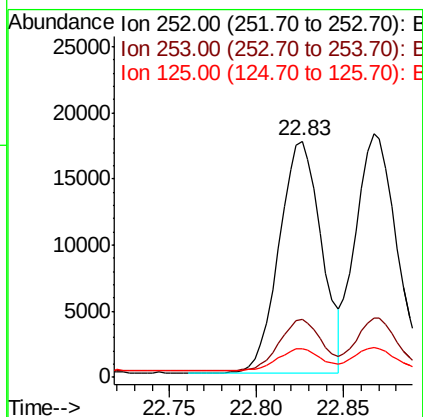
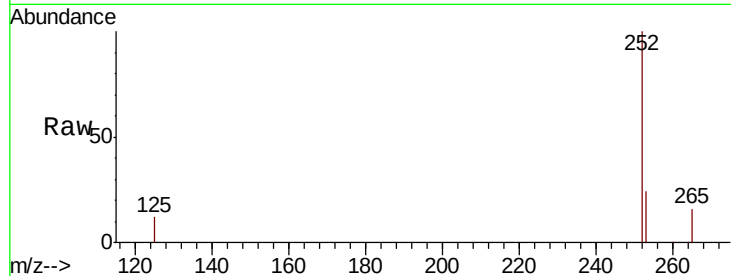




#35
Benzo(b)fluoranthene
Concen: 0.316 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

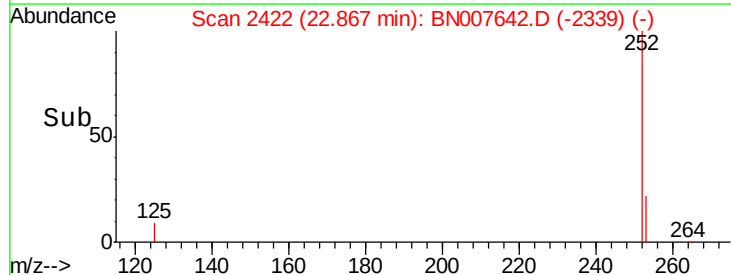
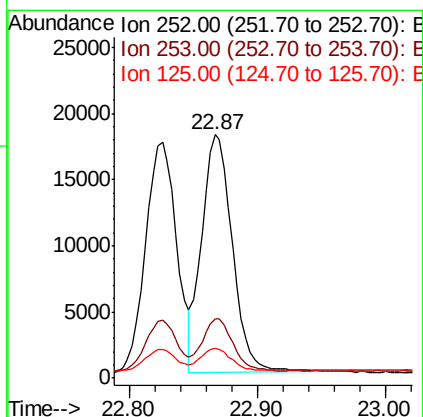
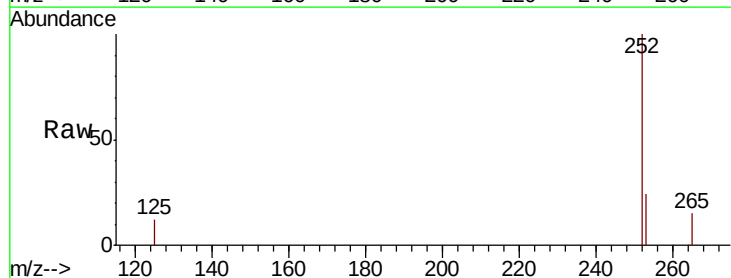
Instrument :
BNA_N
ClientSampleId :
PB122886BS

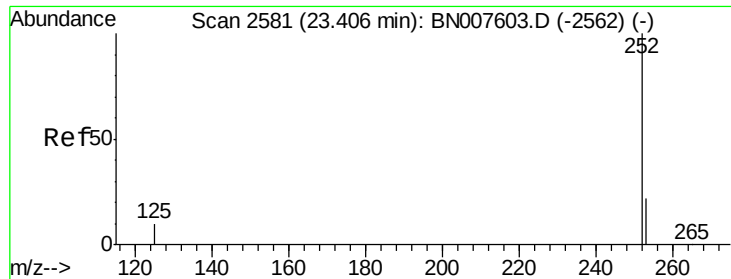
Tot Ion:252 Resp: 29648
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 12.0 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.312 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN007642.D
Acq: 14 Sep 2019 00:12

Tgt Ion:252 Resp: 29951
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 12.1 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.309 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

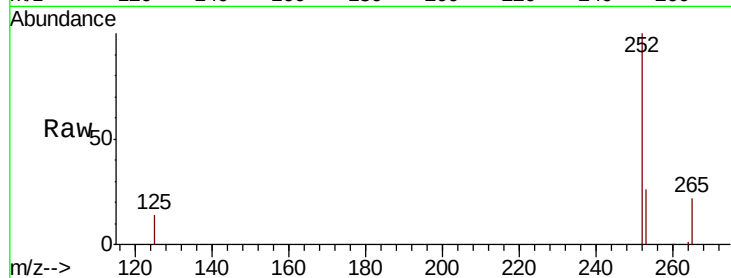
Tot Ion:252 Resp: 25696

Ion Ratio Lower Upper

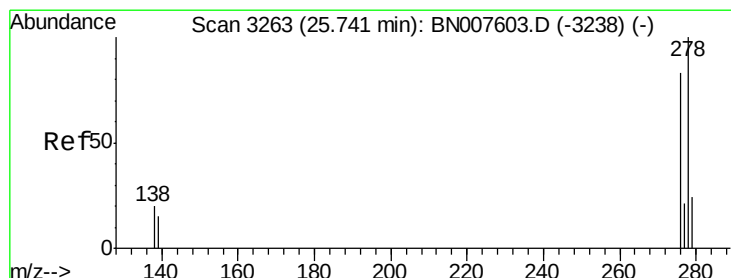
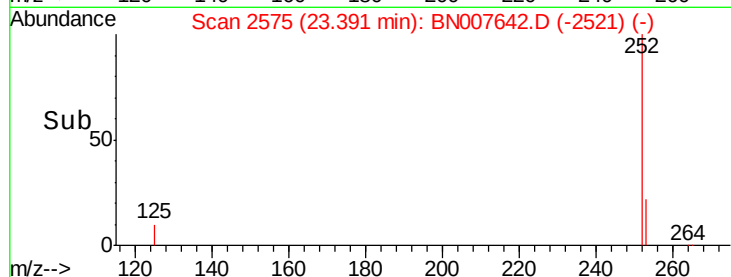
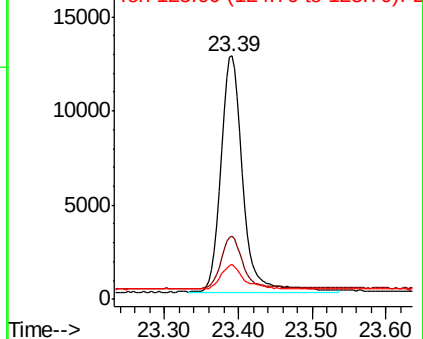
252 100

253 25.8 18.3 27.5

125 14.2 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: 0.328 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.02 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

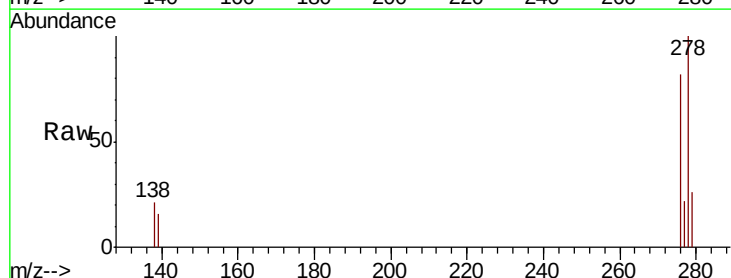
Tgt Ion:278 Resp: 28519

Ion Ratio Lower Upper

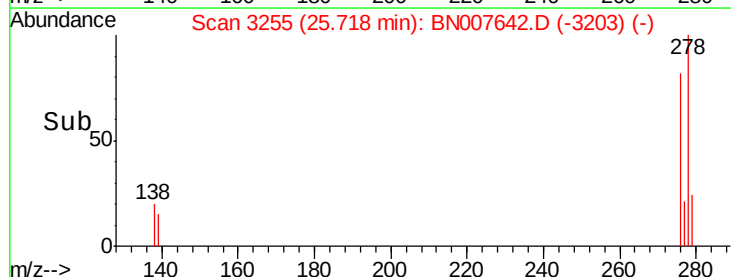
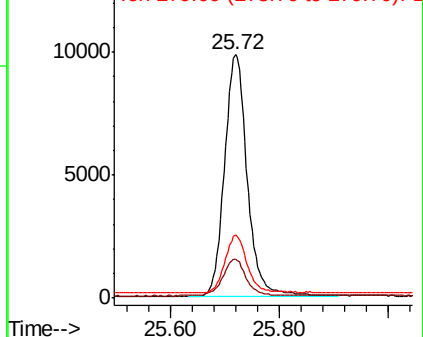
278 100

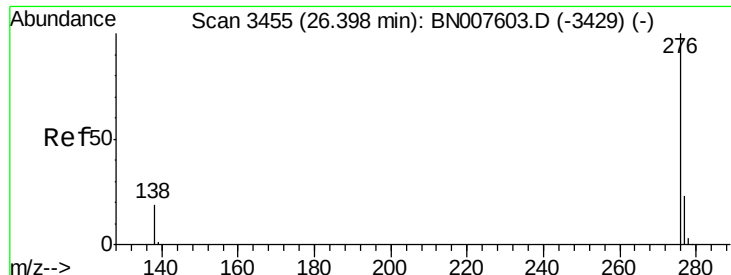
139 15.8 12.6 18.8

279 25.9 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: 0.344 ng

RT: 26.37 min Scan# 3446

Delta R.T. -0.03 min

Lab File: BN007642.D

Acq: 14 Sep 2019 00:12

Instrument :

BNA_N

ClientSampleId :

PB122886BS

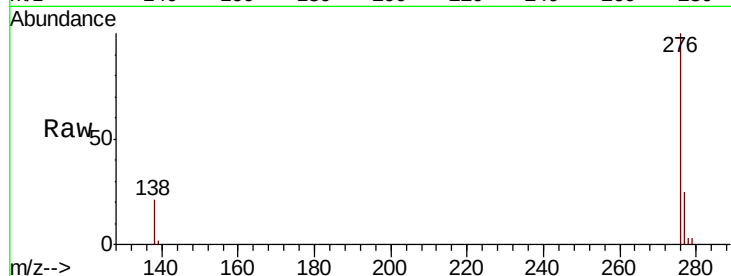
Tot Ion: 276 Resp: 29656

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 20.6 15.8 23.6



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

