

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007293.D
 Acq On : 21 Aug 2019 15:09
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 21 15:40:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	6314	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	24177	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	13676	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	31130	0.40	ng	0.00
27) Chrysene-d12	21.04	240	31488	0.40	ng	0.00
34) Perylene-d12	23.14	264	36078	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	7641	0.40	ng	0.00
5) Phenol-d6	6.59	99	9523	0.43	ng	0.00
8) Nitrobenzene-d5	8.54	82	7500	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	16950	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2962	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	23891	0.41	ng	0.00
25) Fluoranthene-d10	18.85	212	41004	0.42	ng	0.00
29) Terphenyl-d14	19.48	244	33045	0.42	ng	0.00

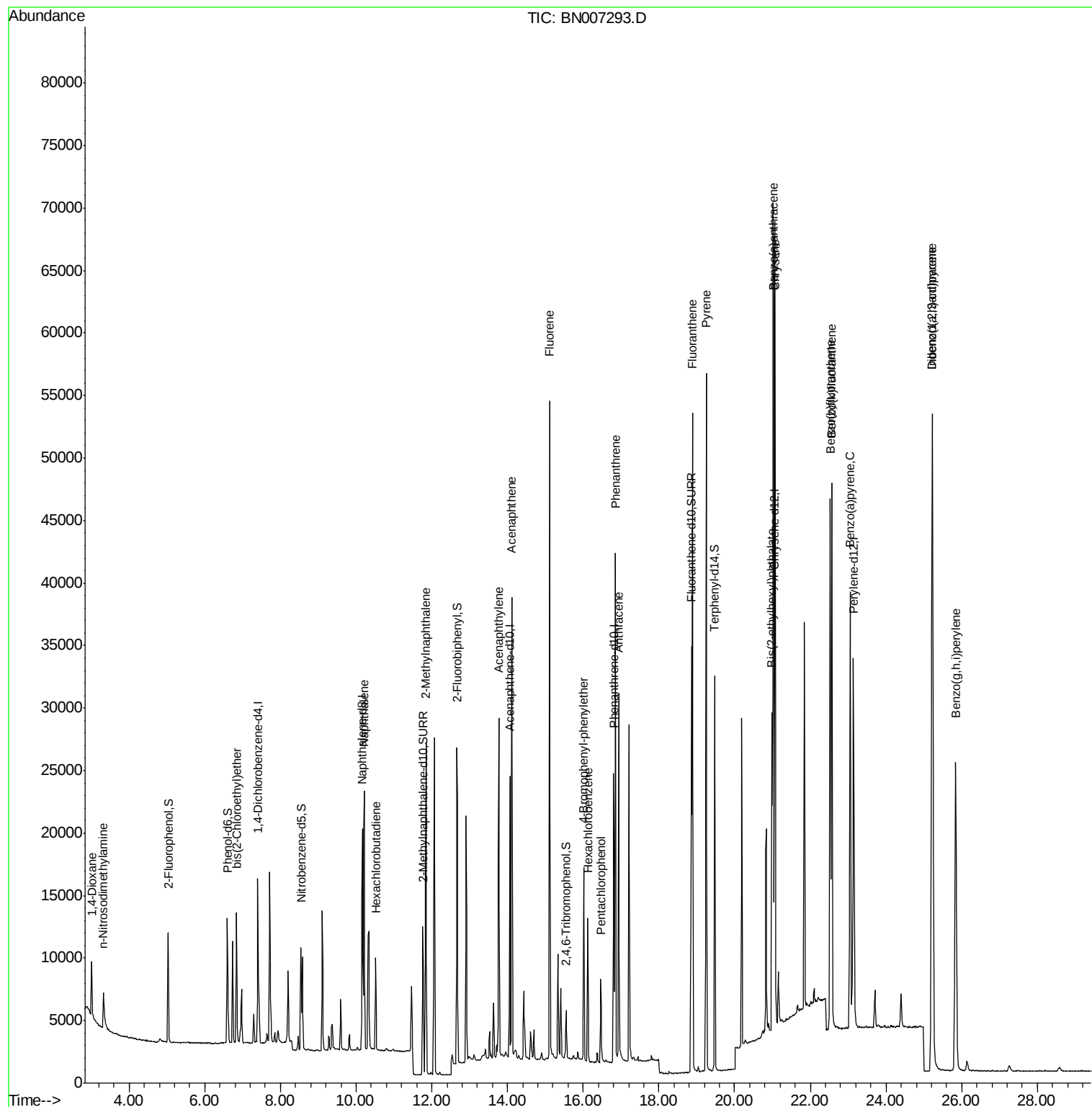
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.01	88	3539	0.395	ng	97
3) n-Nitrosodimethylamine	3.32	42	2565	0.427	ng	# 98
6) bis(2-Chloroethyl)ether	6.84	93	7712	0.414	ng	98
9) Naphthalene	10.21	128	28090	0.410	ng	100
10) Hexachlorobutadiene	10.52	225	6089	0.403	ng	# 99
12) 2-Methylnaphthalene	11.84	142	19579	0.413	ng	99
16) Acenaphthylene	13.77	152	29744	0.410	ng	99
17) Acenaphthene	14.11	154	18758	0.406	ng	99
18) Fluorene	15.12	166	24600	0.407	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	7500	0.421	ng	# 83
21) Hexachlorobenzene	16.12	284	8662	0.420	ng	100
22) Pentachlorophenol	16.46	266	3495	0.422	ng	97
23) Phenanthrene	16.85	178	40408	0.414	ng	100
24) Anthracene	16.94	178	36255	0.413	ng	99
26) Fluoranthene	18.88	202	49117	0.416	ng	100
28) Pyrene	19.25	202	50750	0.431	ng	100
30) Benzo(a)anthracene	21.02	228	50887	0.435	ng	97
31) Chrysene	21.07	228	49853	0.417	ng	99
32) Bis(2-ethylhexyl)phthalate	20.98	149	23007	0.492	ng	100
33) Indeno(1,2,3-cd)pyrene	25.22	276	63038	0.438	ng	99
35) Benzo(b)fluoranthene	22.52	252	51502	0.383	ng	100
36) Benzo(k)fluoranthene	22.56	252	52927	0.402	ng	98
37) Benzo(a)pyrene	23.05	252	48770	0.402	ng	100
38) Dibenzo(a,h)anthracene	25.23	278	50796	0.399	ng	99
39) Benzo(g,h,i)perylene	25.84	276	50096	0.389	ng	99

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

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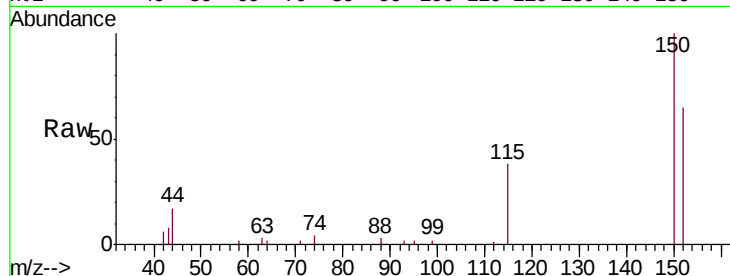


#1

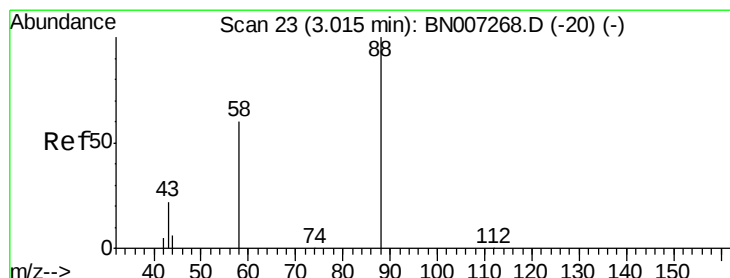
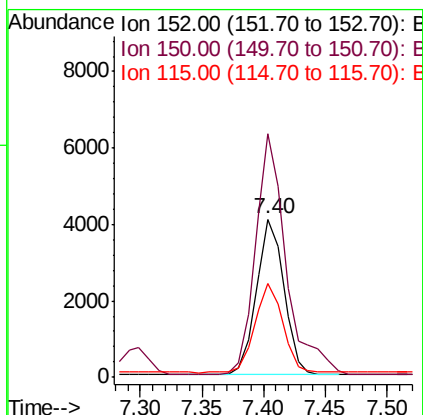
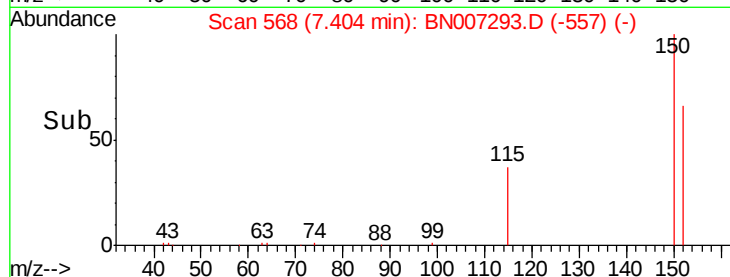
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.01 min
Lab File: BN007293.D
Acq: 21 Aug 2019 15:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 6314
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.8
115 59.0 47.3 70.9



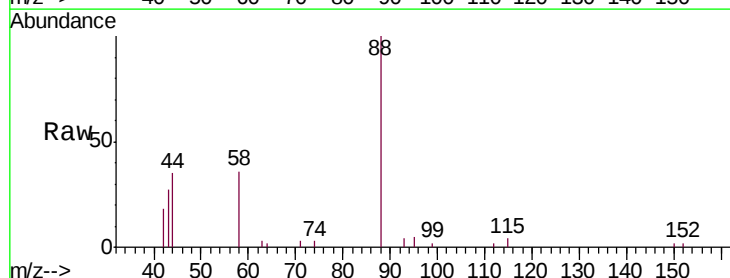
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



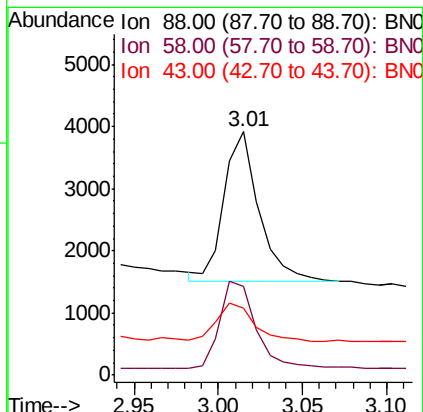
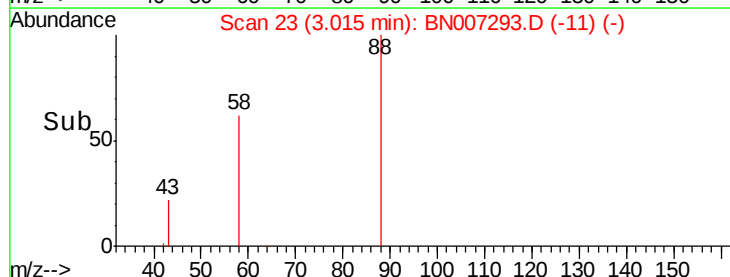
#2

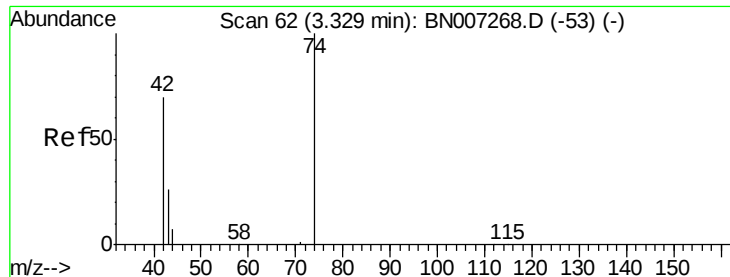
1,4-Dioxane
Concen: 0.395 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007293.D
Acq: 21 Aug 2019 15:09

Tgt Ion: 88 Resp: 3539
Ion Ratio Lower Upper
88 100
58 59.3 45.5 68.3
43 26.7 20.4 30.6



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: 0.427 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

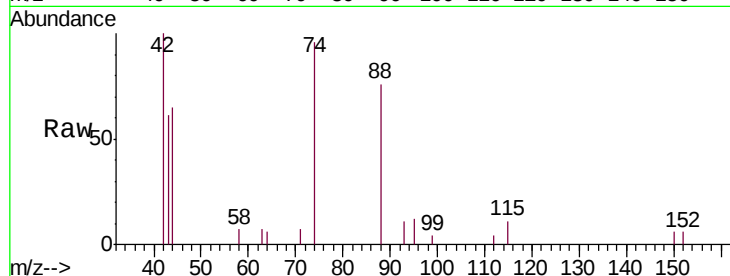
Tot Ion: 42 Resp: 2565

Ion Ratio Lower Upper

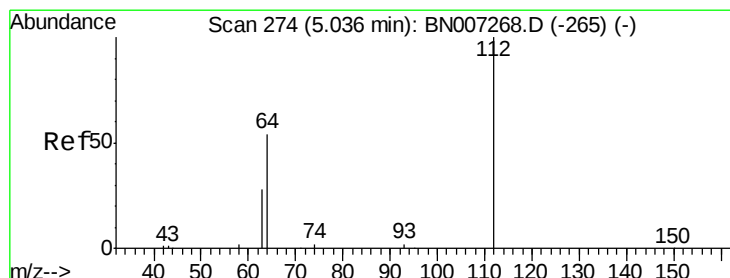
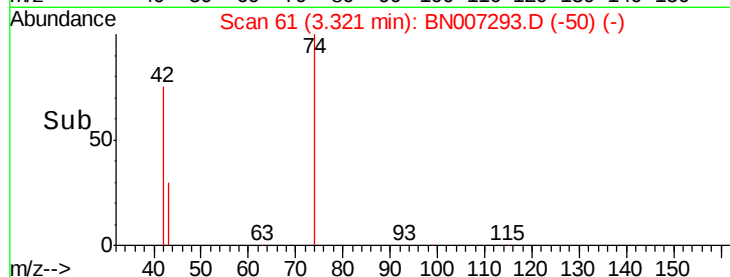
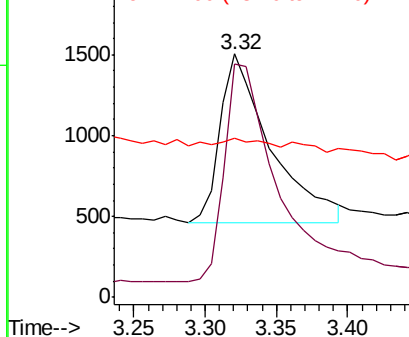
42 100

74 133.5 109.0 163.4

44 3.4 4.2 6.2#



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: 0.397 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

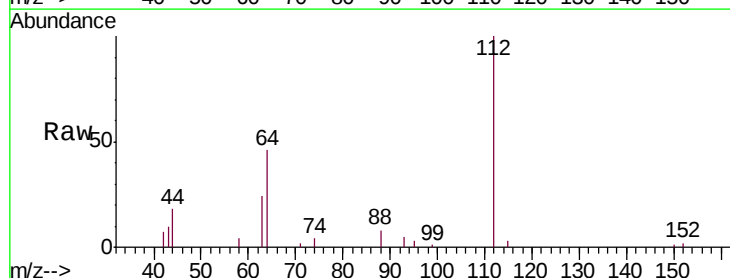
Tgt Ion: 112 Resp: 7641

Ion Ratio Lower Upper

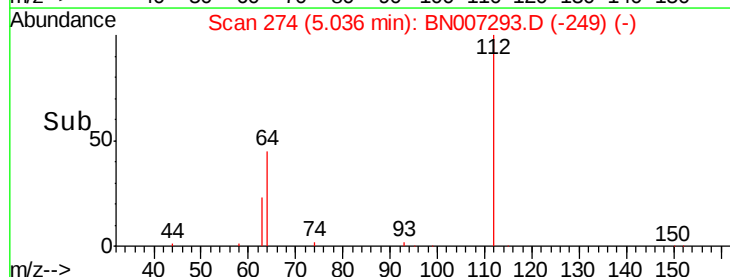
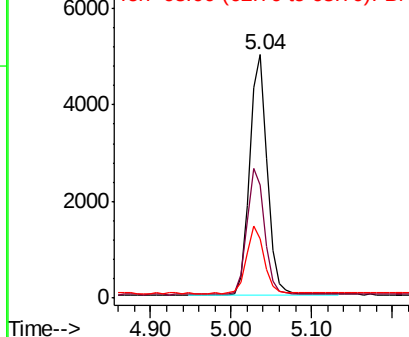
112 100

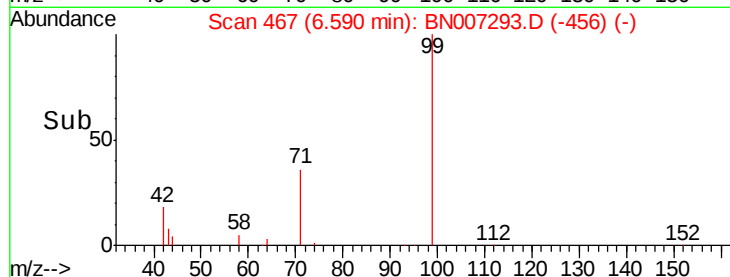
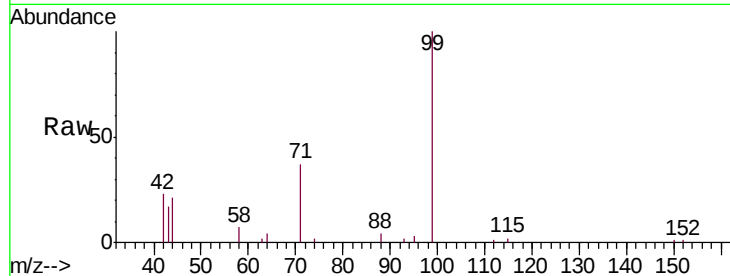
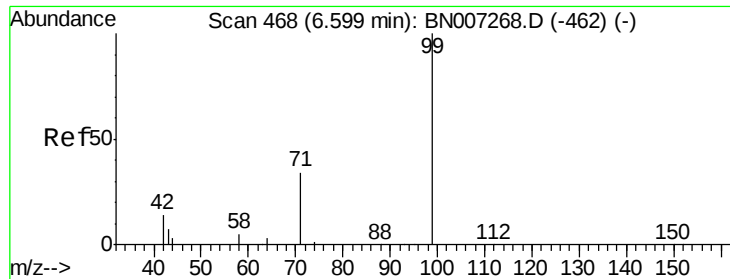
64 52.7 41.8 62.8

63 28.4 22.6 34.0



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: 0.431 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

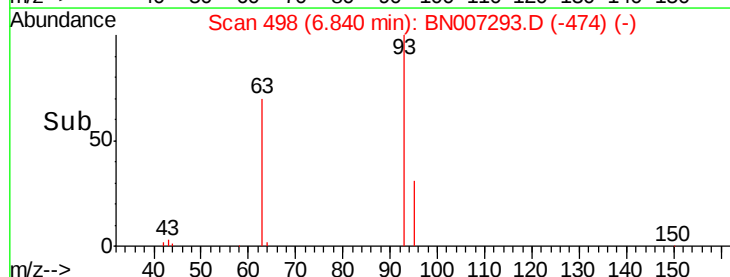
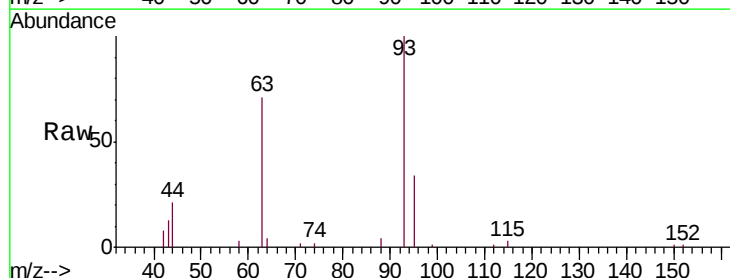
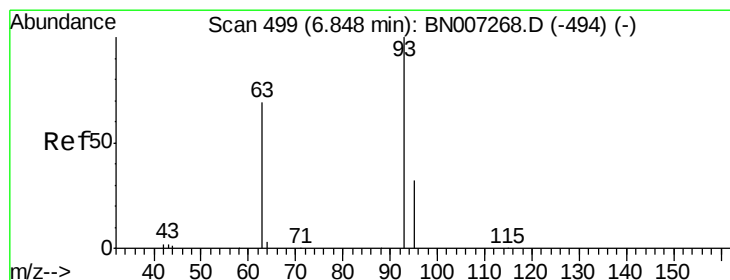
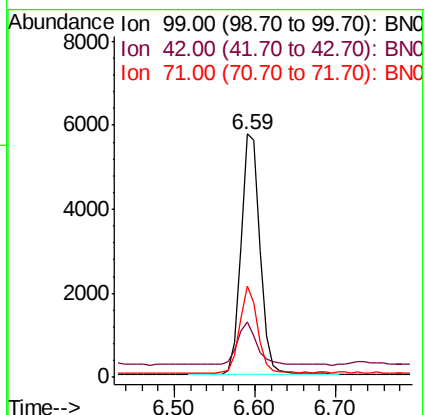
Tot Ion: 99 Resp: 9523

Ion Ratio Lower Upper

99 100

42 18.9 14.3 21.5

71 33.9 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

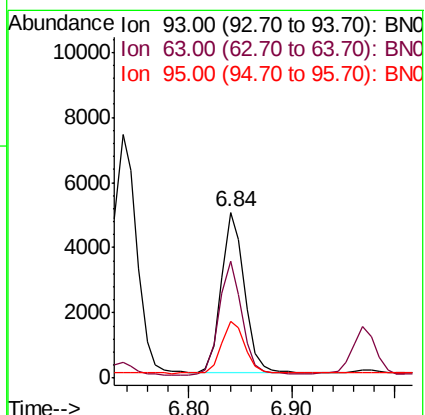
Tgt Ion: 93 Resp: 7712

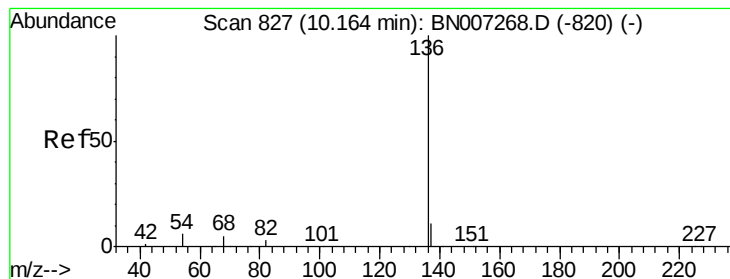
Ion Ratio Lower Upper

93 100

63 69.7 54.4 81.6

95 33.1 25.5 38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 24177

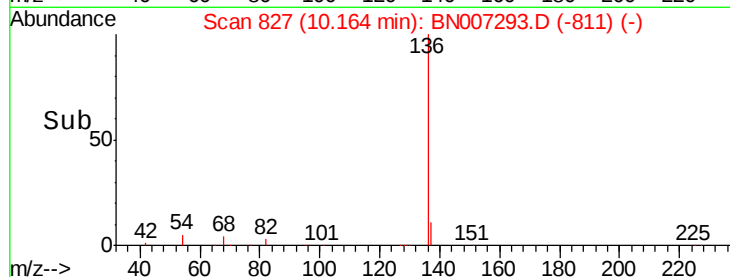
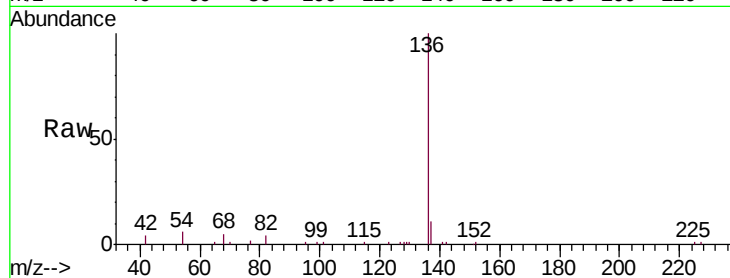
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 5.6 5.9 8.9#

68 5.4 5.6 8.4#

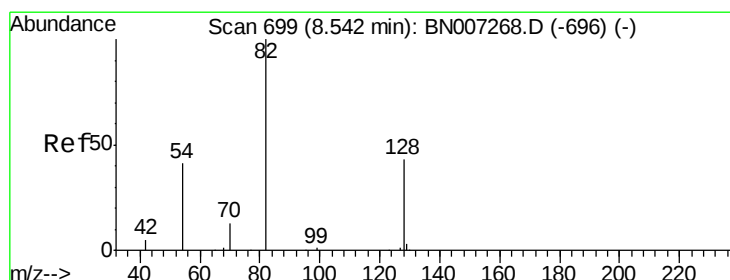
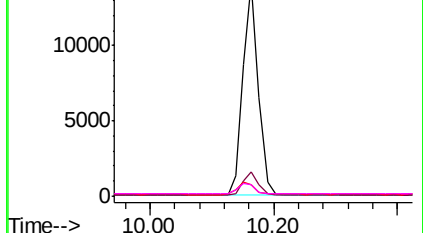


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

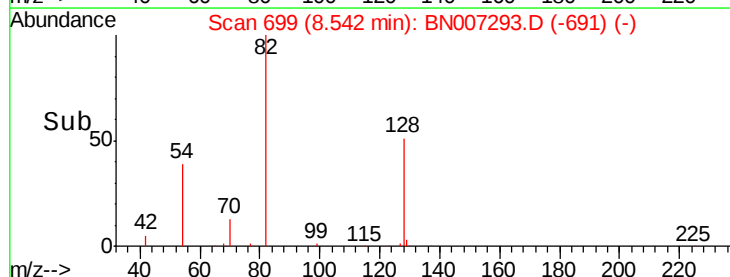
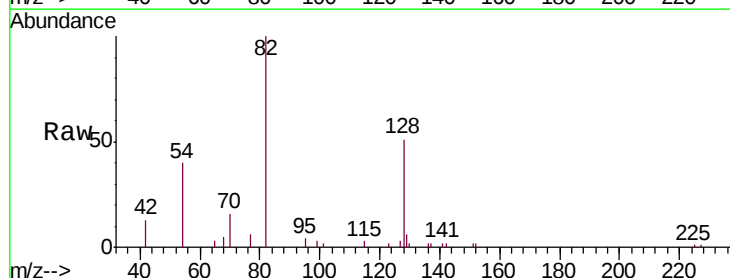
Tgt Ion: 82 Resp: 7500

Ion Ratio Lower Upper

82 100

128 51.4 35.8 53.6

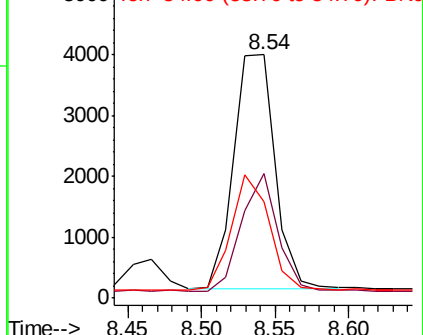
54 39.7 34.7 52.1

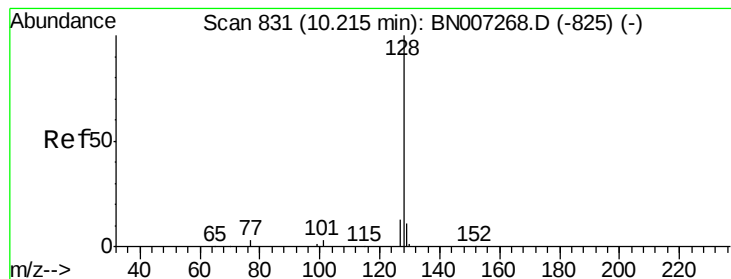


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.410 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

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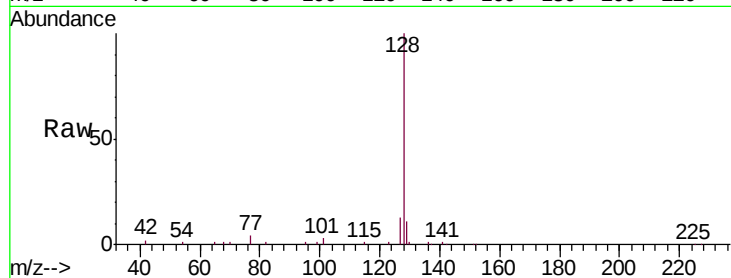
Tot Ion:128 Resp: 28090

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

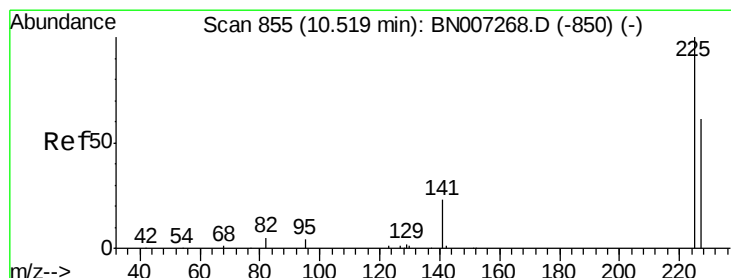
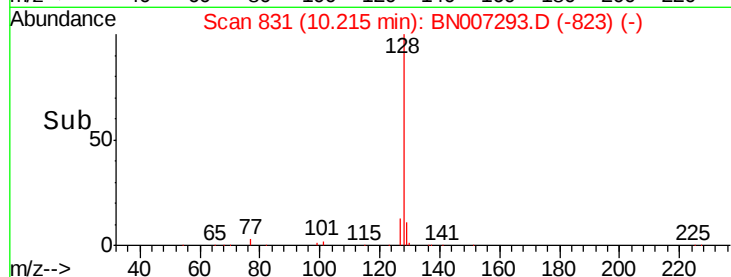
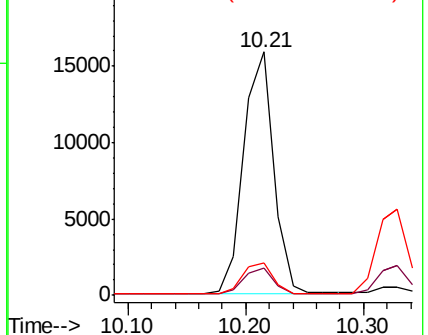
127 13.2 10.6 16.0



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: 0.403 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

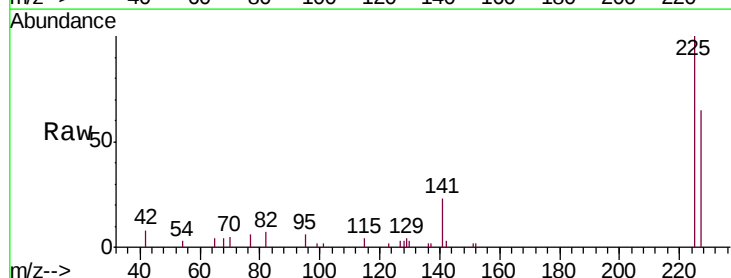
Tgt Ion:225 Resp: 6089

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

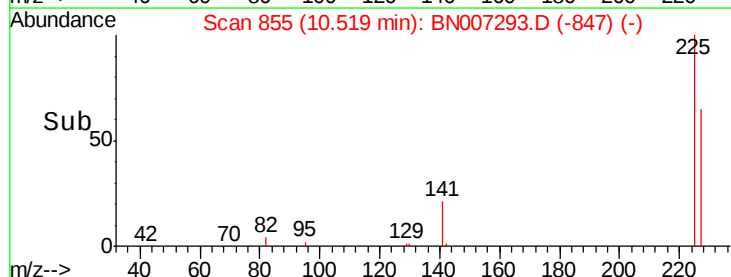
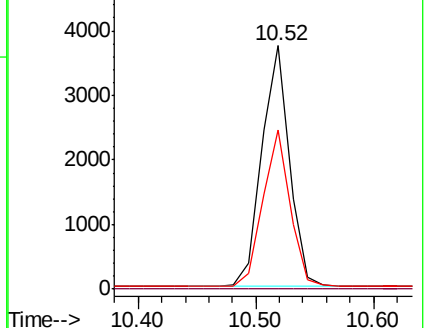
227 63.7 50.2 75.2

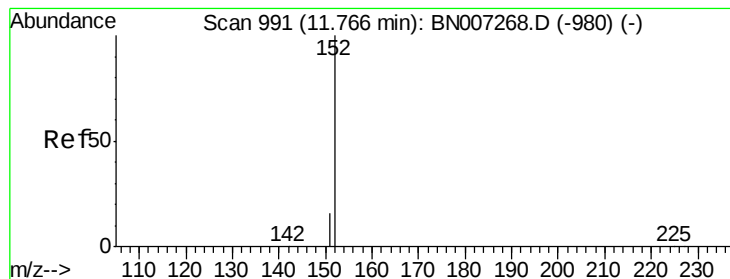


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

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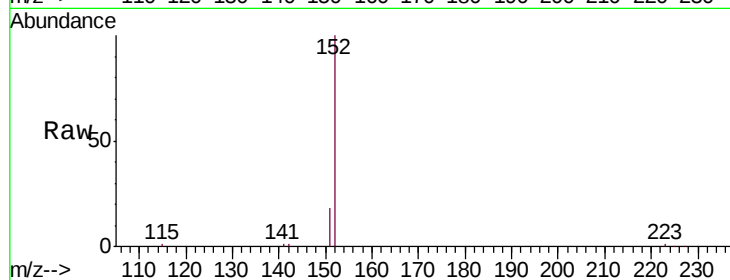
SSTDCCC0.4EC

Tot Ion:152 Resp: 16950

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

12000

10000

8000

6000

4000

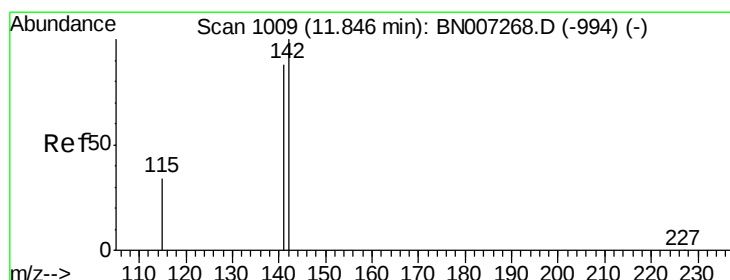
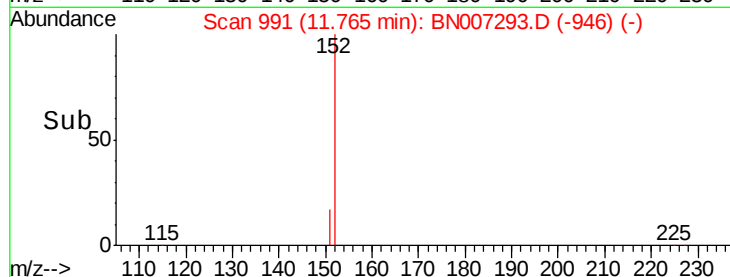
2000

0

Time-->

11.70

11.80



#12

2-Methylnaphthalene

Concen: 0.413 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

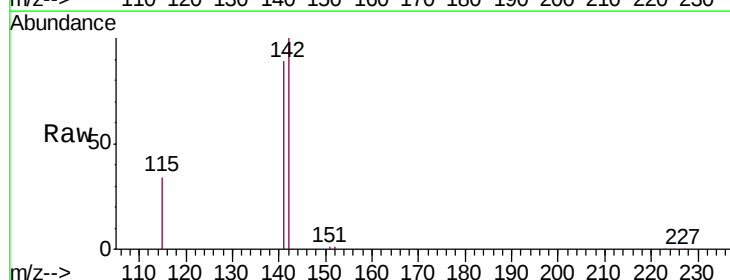
Tgt Ion:142 Resp: 19579

Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 34.2 28.1 42.1



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

11.84

15000

10000

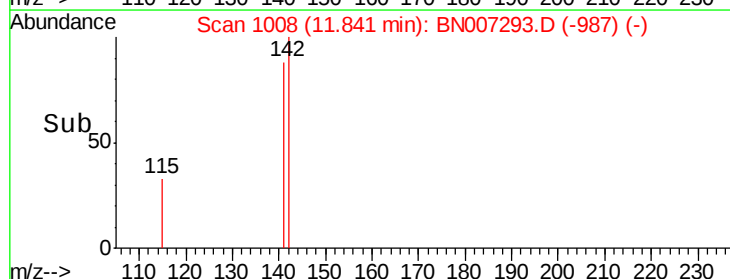
5000

0

Time-->

11.80

11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

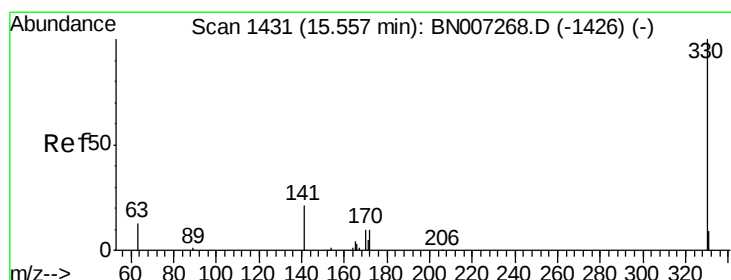
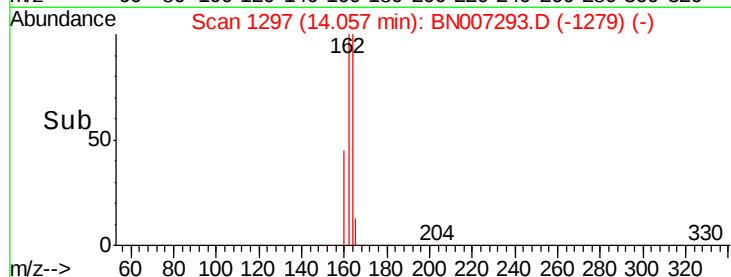
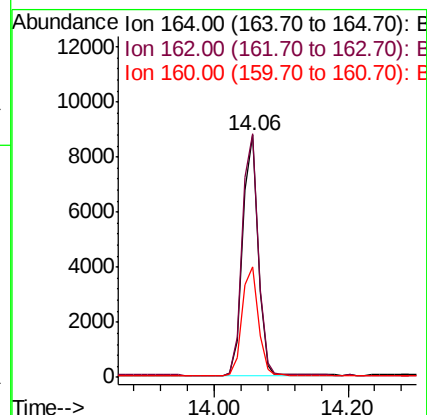
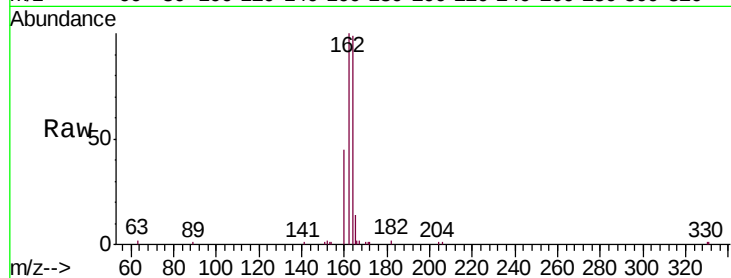
Tot Ion:164 Resp: 13676

Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

160 45.5 38.2 57.4



#14

2,4,6-Tribromophenol

Concen: 0.386 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

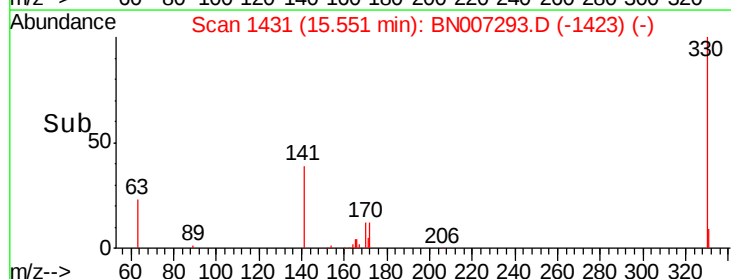
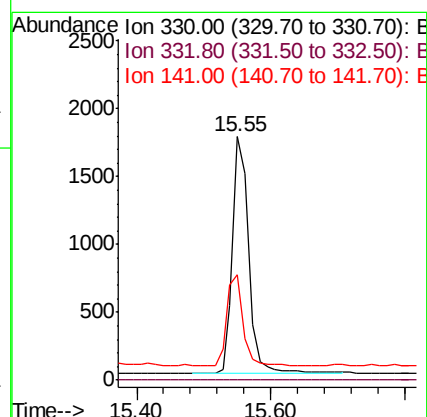
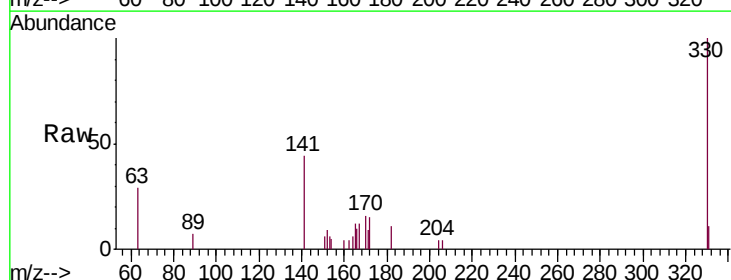
Tgt Ion:330 Resp: 2962

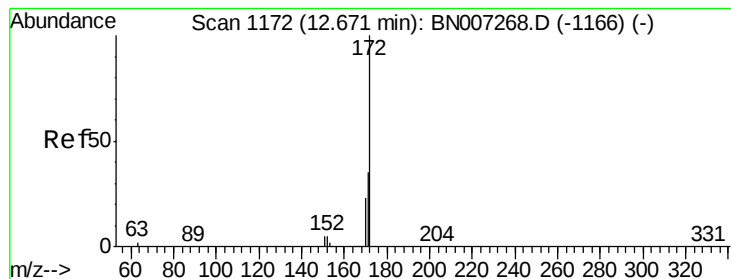
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.5 30.3 45.5





#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 12.66 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

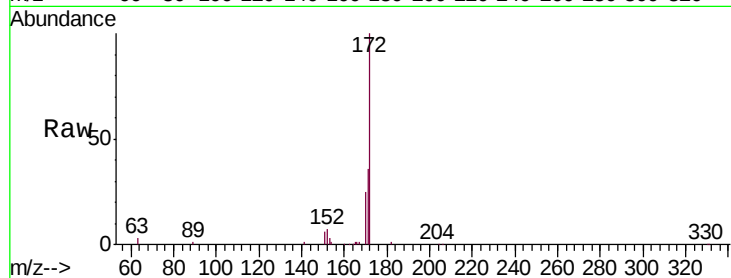
Tot Ion:172 Resp: 23891

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

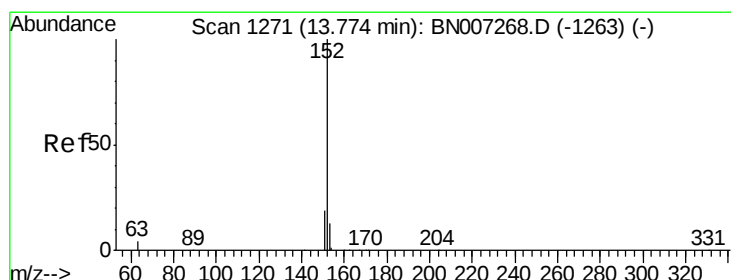
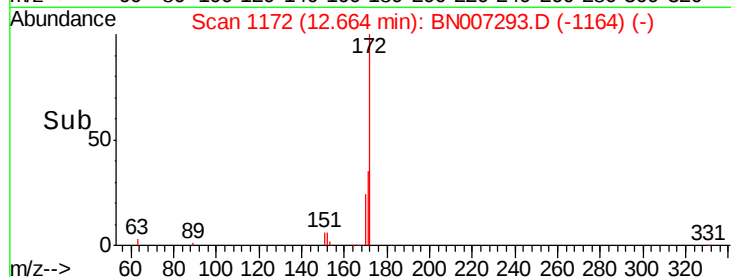
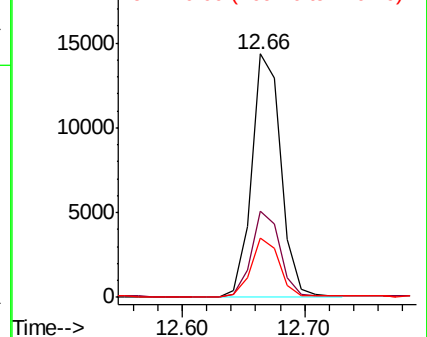
170 24.5 18.7 28.1



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: 0.410 ng

RT: 13.77 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

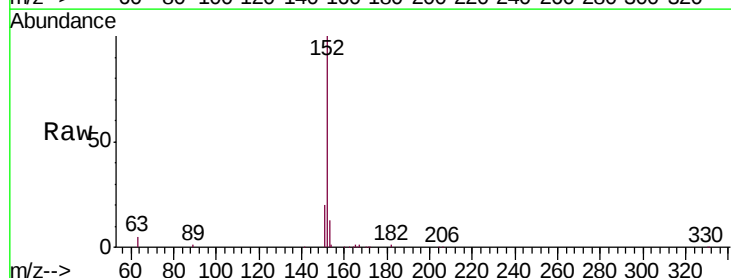
Tgt Ion:152 Resp: 29744

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

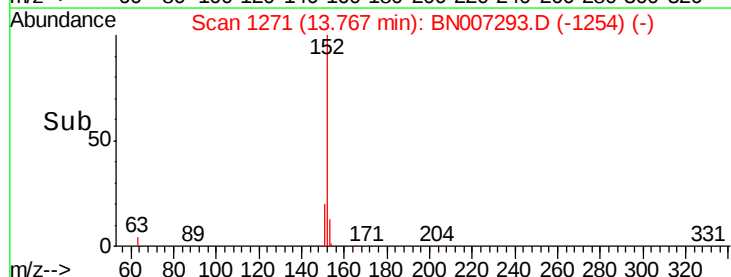
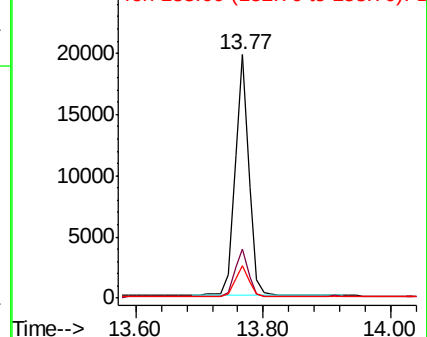
153 12.9 10.1 15.1

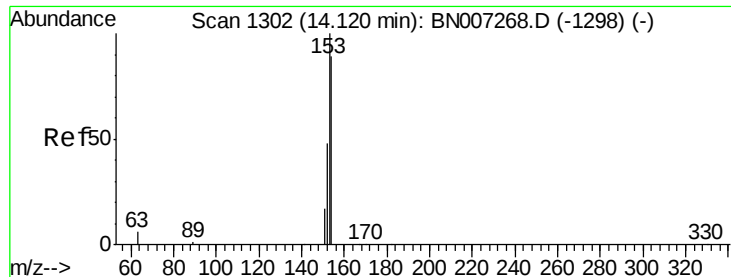


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

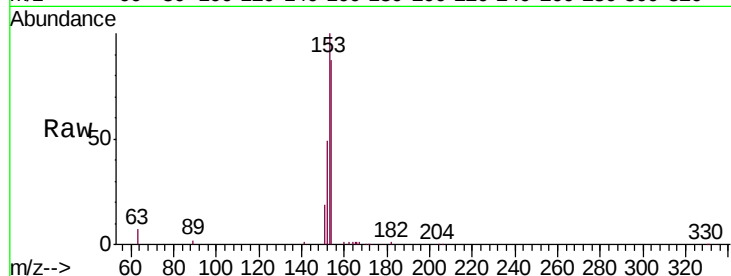
Tot Ion:154 Resp: 18758

Ion Ratio Lower Upper

154 100

153 113.8 89.9 134.9

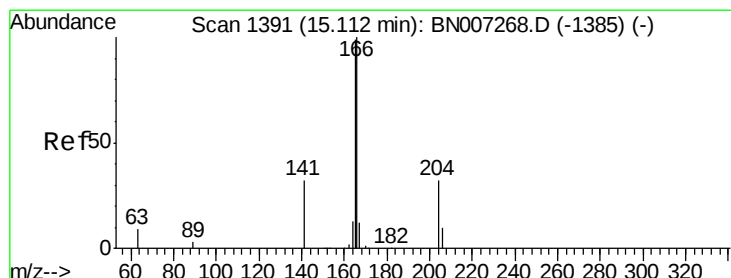
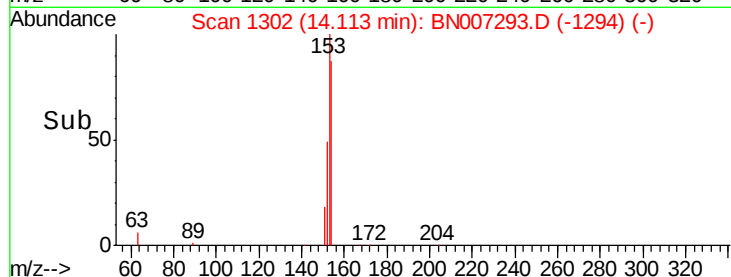
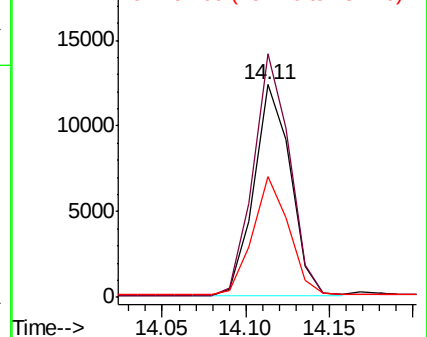
152 56.0 43.9 65.9



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: 0.407 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

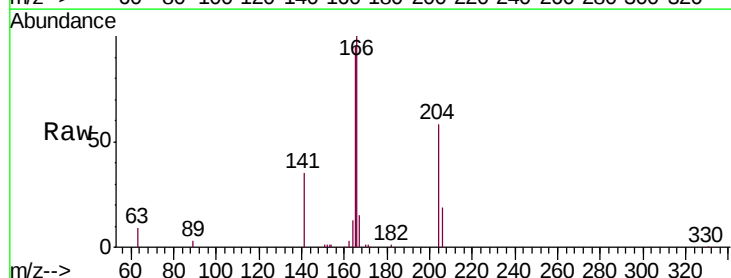
Tgt Ion:166 Resp: 24600

Ion Ratio Lower Upper

166 100

165 96.2 78.3 117.5

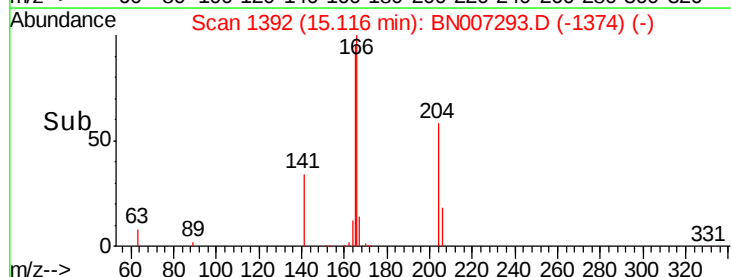
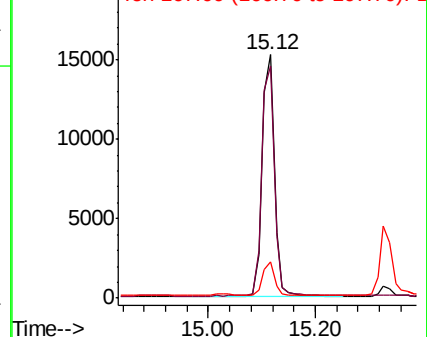
167 13.3 11.1 16.7

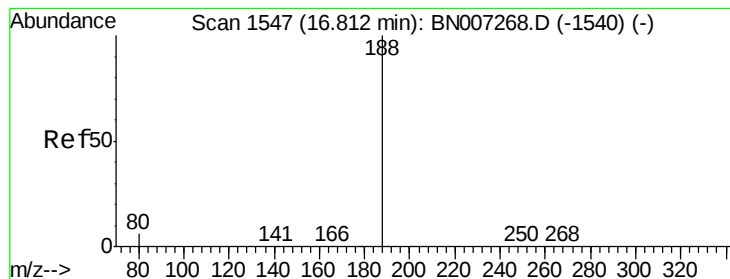


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

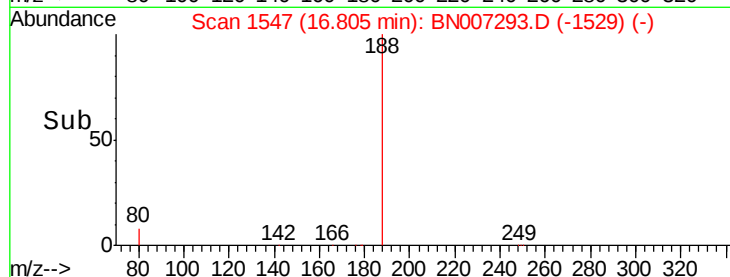
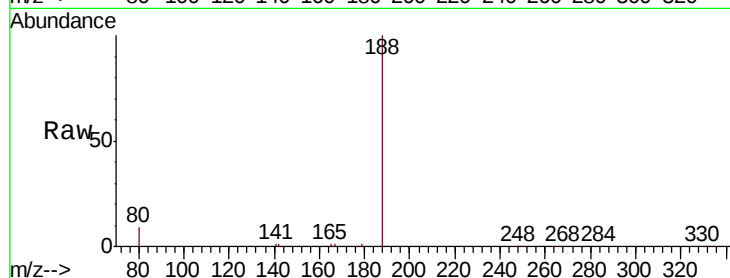
Tot Ion:188 Resp: 31130

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

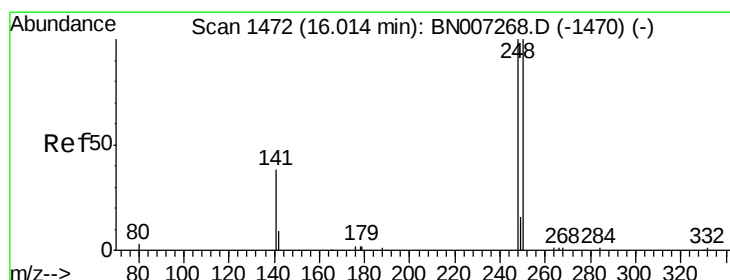
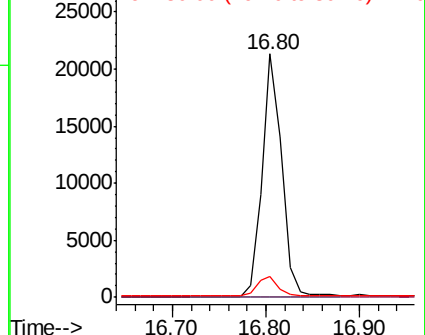
80 8.8 5.2 7.8#



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: 0.421 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

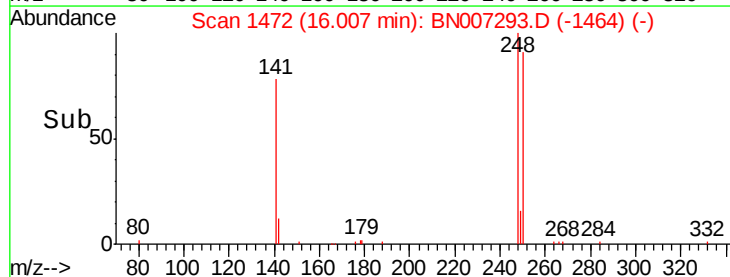
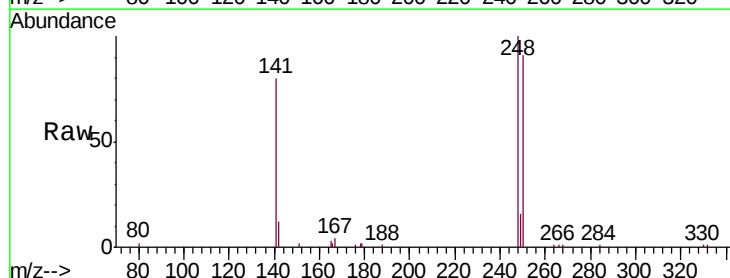
Tgt Ion:248 Resp: 7500

Ion Ratio Lower Upper

248 100

250 90.9 79.6 119.4

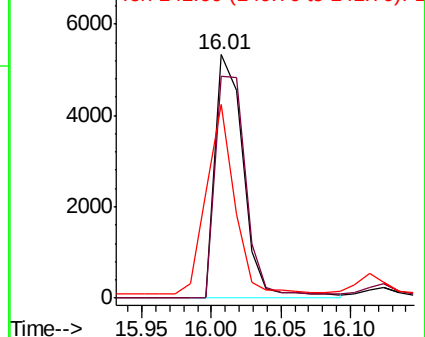
141 79.6 45.1 67.7#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

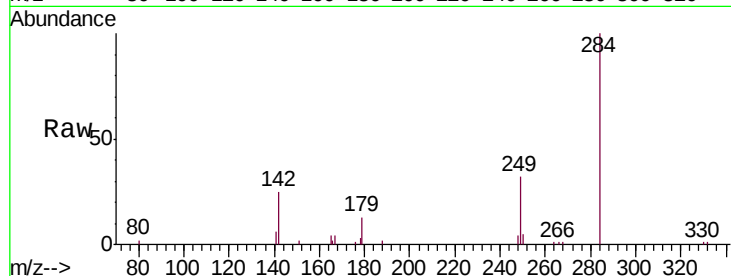
Tot Ion:284 Resp: 8662

Ion Ratio Lower Upper

284 100

142 36.9 29.5 44.3

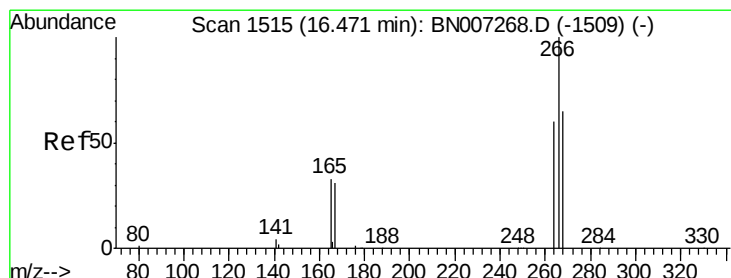
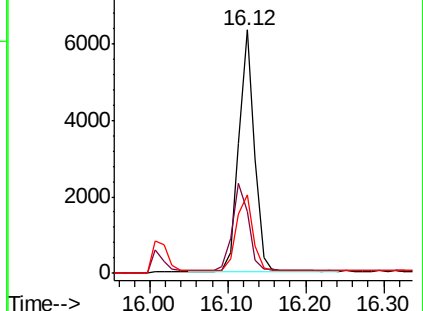
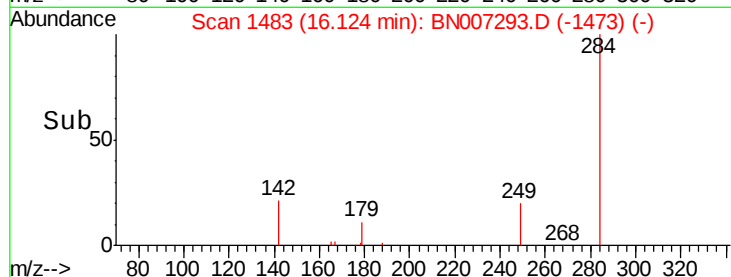
249 33.3 26.2 39.4



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: 0.422 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

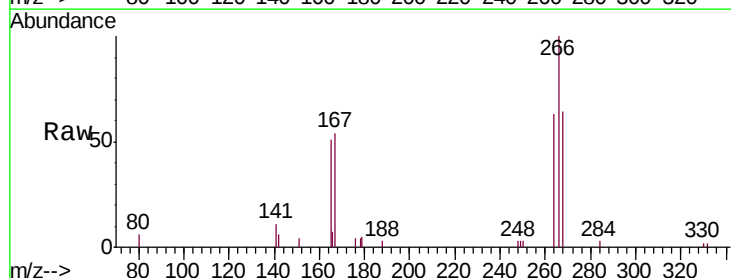
Tgt Ion:266 Resp: 3495

Ion Ratio Lower Upper

266 100

264 63.4 48.7 73.1

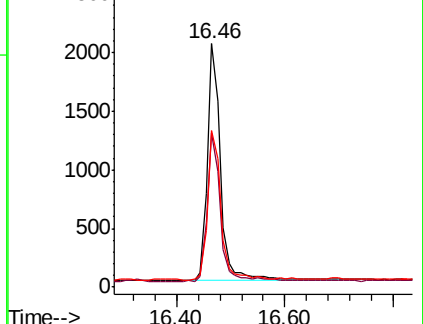
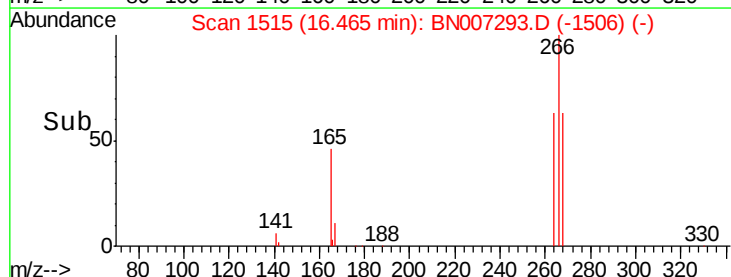
268 64.3 53.5 80.3

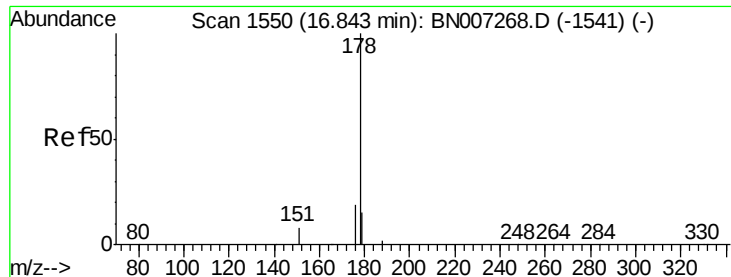


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.414 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

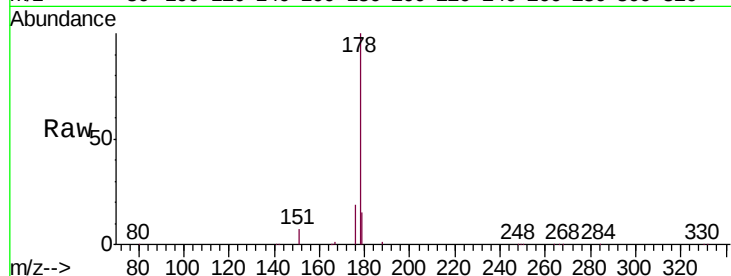
Tot Ion:178 Resp: 40408

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.4 12.3 18.5

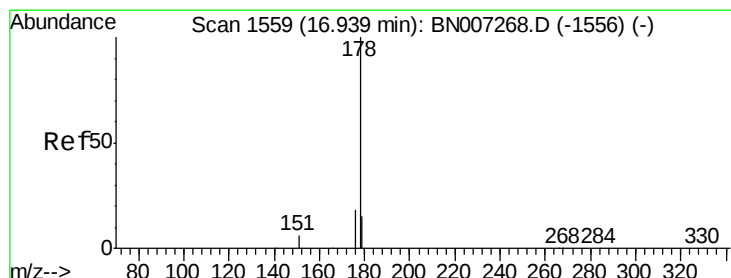
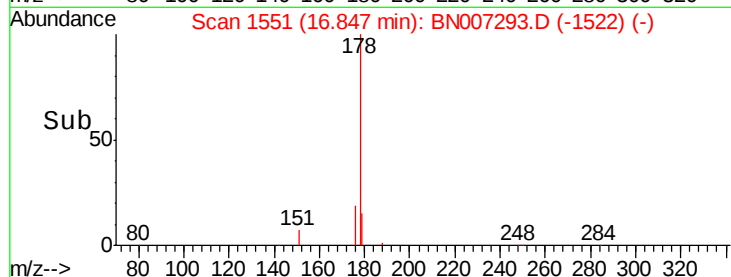
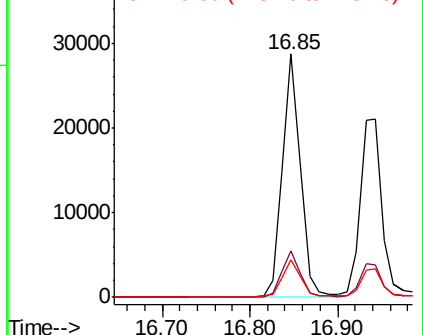


Abundance

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: 0.413 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

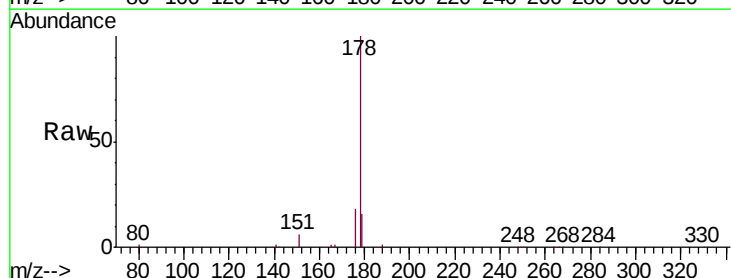
Tgt Ion:178 Resp: 36255

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

179 15.4 12.3 18.5

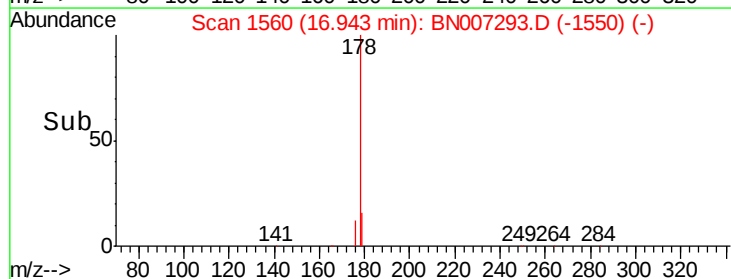
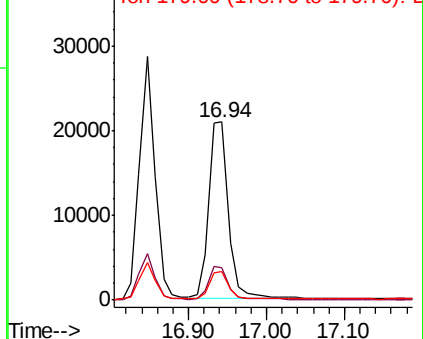


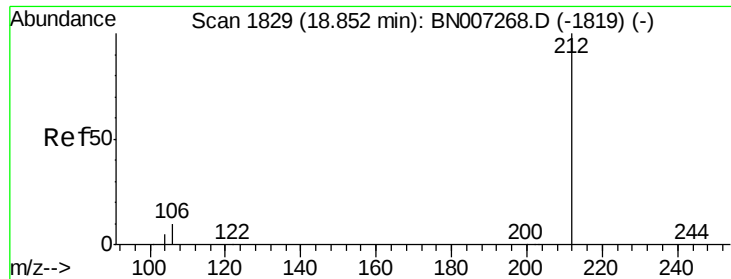
Abundance

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: 0.415 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

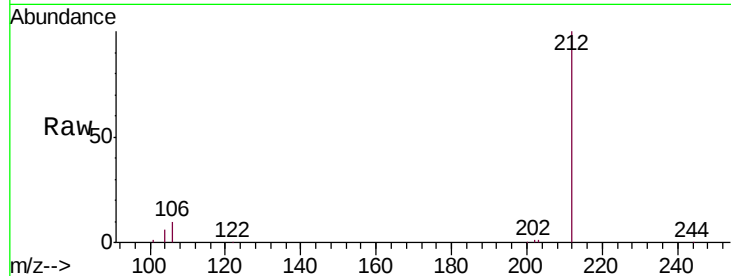
Tot Ion:212 Resp: 41004

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

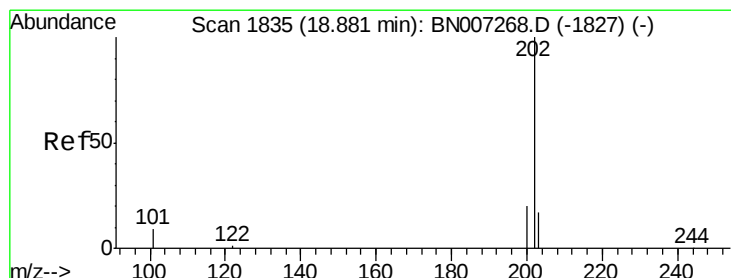
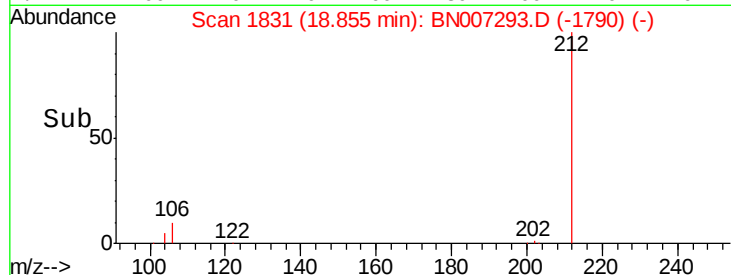
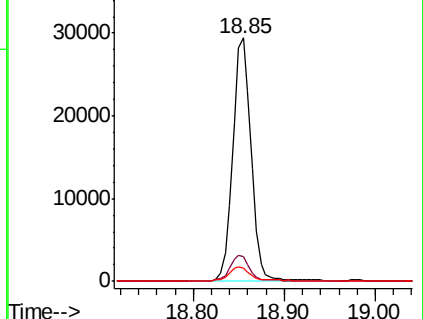
104 5.8 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.416 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

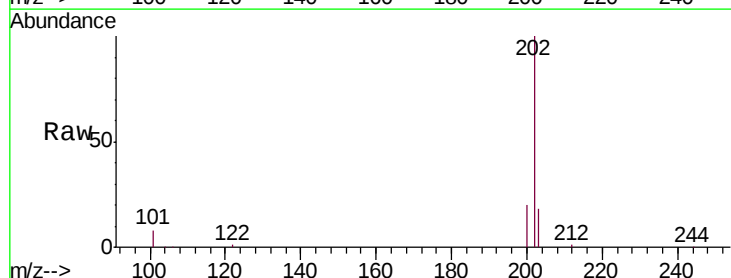
Tgt Ion:202 Resp: 49117

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

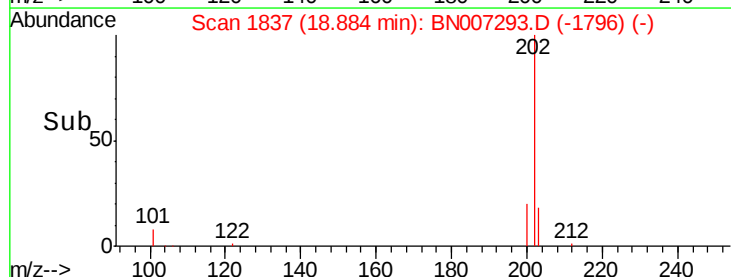
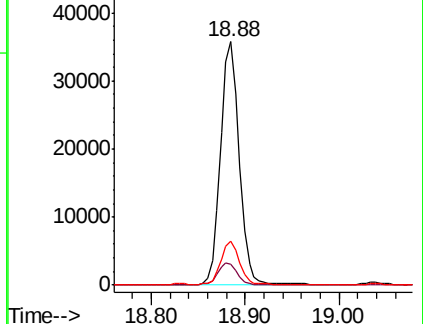
203 17.2 13.8 20.6



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: 21.04 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

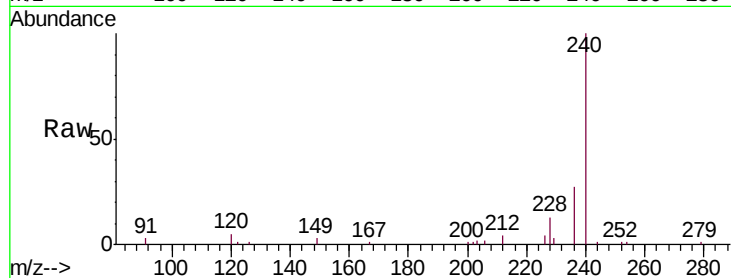
Tot Ion:240 Resp: 31488

Ion Ratio Lower Upper

240 100

120 5.3 5.6 8.4#

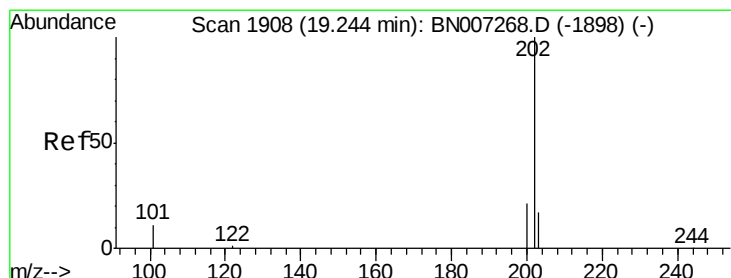
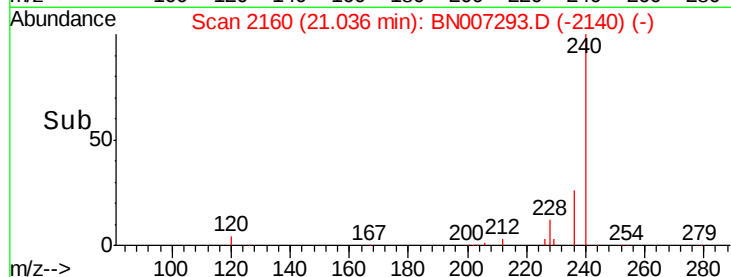
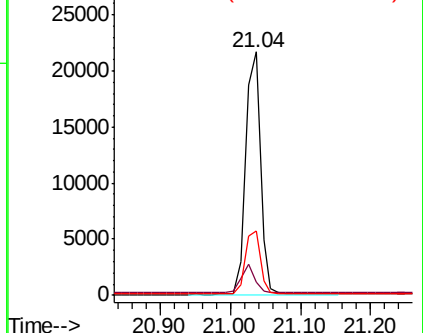
236 26.7 21.6 32.4



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: 0.431 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

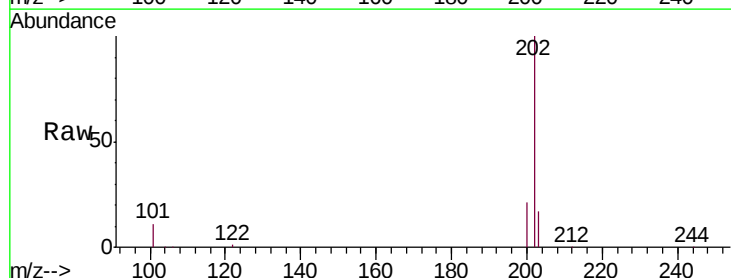
Tgt Ion:202 Resp: 50750

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

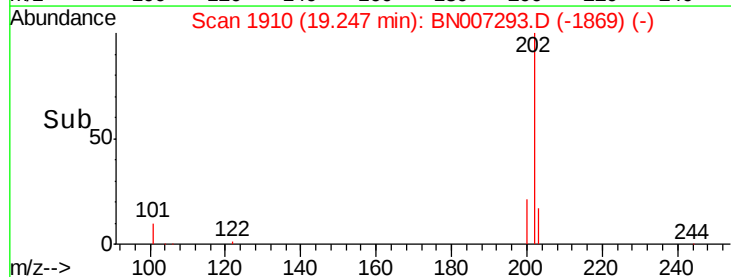
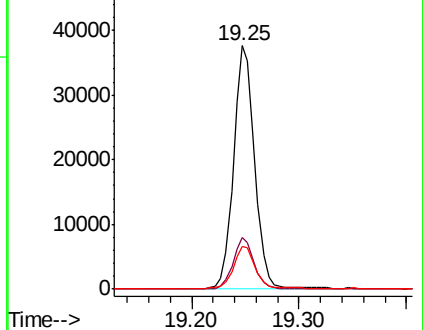
203 17.6 13.9 20.9



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: 0.420 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

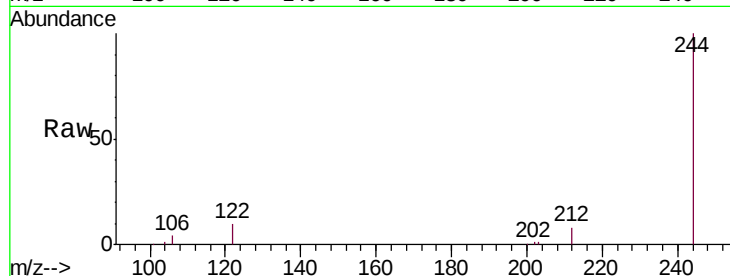
Tot Ion:244 Resp: 33045

Ion Ratio Lower Upper

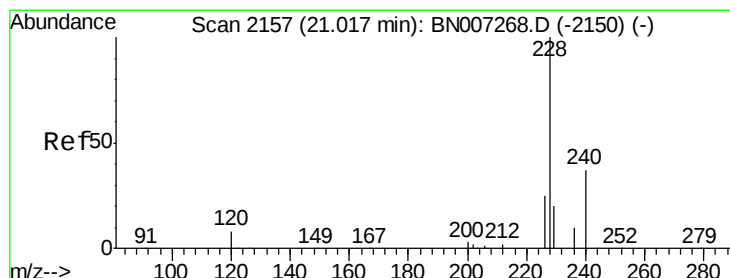
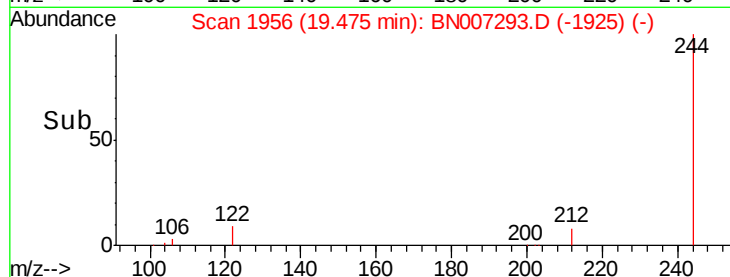
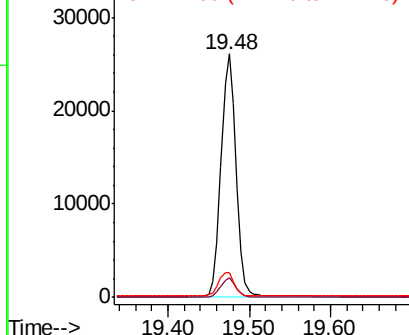
244 100

212 7.8 6.5 9.7

122 10.0 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.435 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

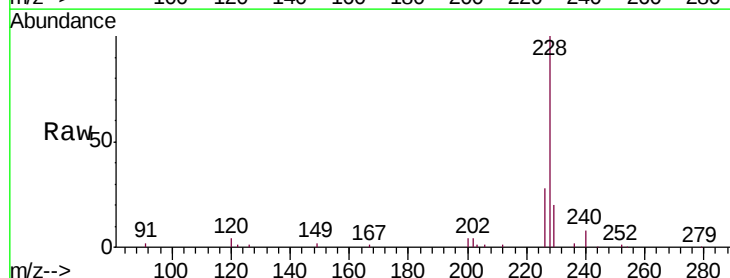
Tgt Ion:228 Resp: 50887

Ion Ratio Lower Upper

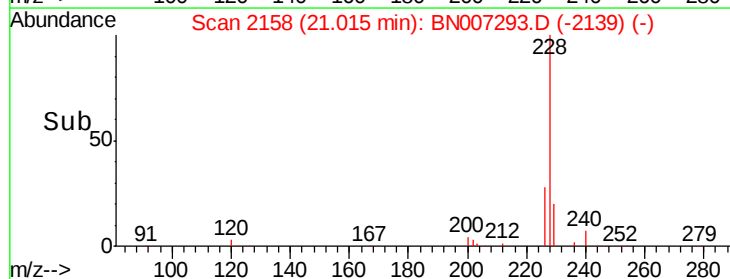
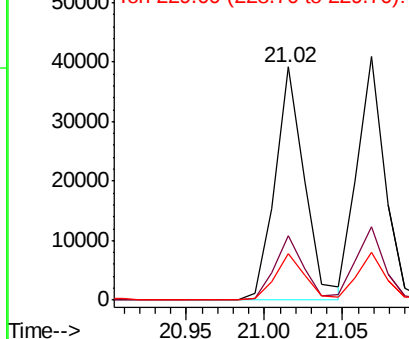
228 100

226 27.8 20.6 30.8

229 20.0 16.9 25.3



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: 0.417 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

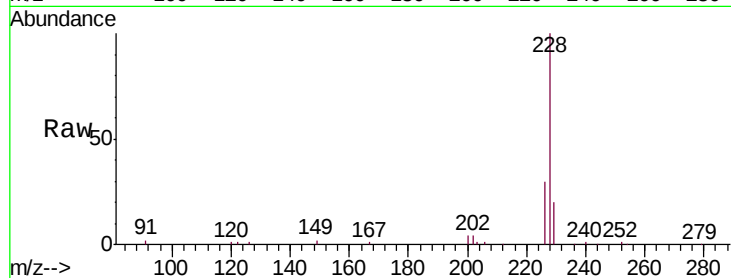
Tot Ion:228 Resp: 49853

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

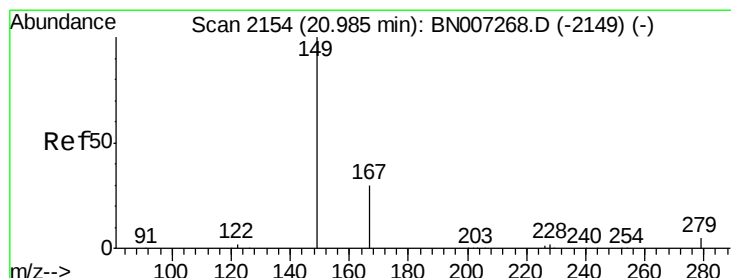
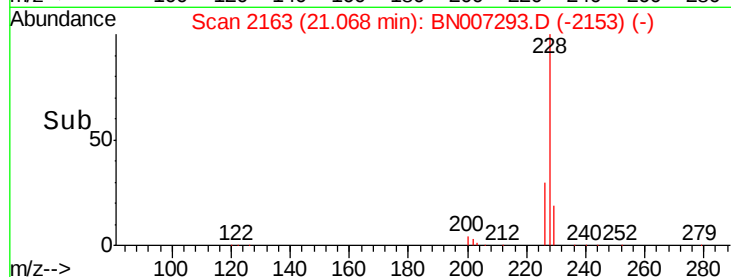
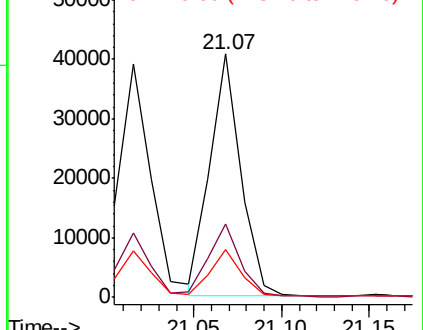
229 19.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.492 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

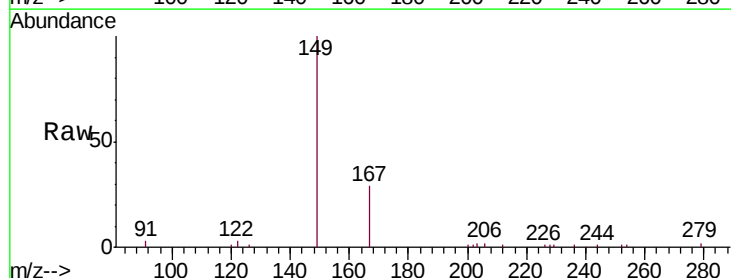
Tgt Ion:149 Resp: 23007

Ion Ratio Lower Upper

149 100

167 29.6 23.8 35.6

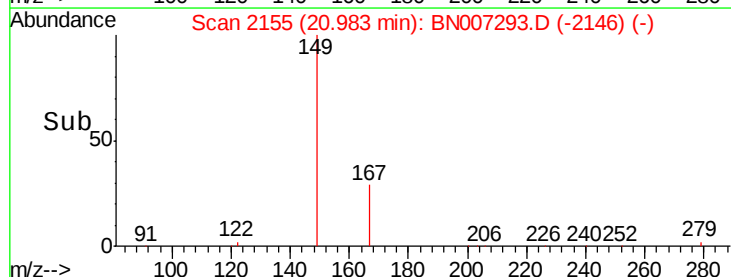
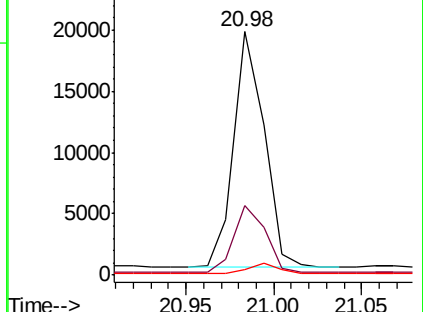
279 4.5 3.8 5.8

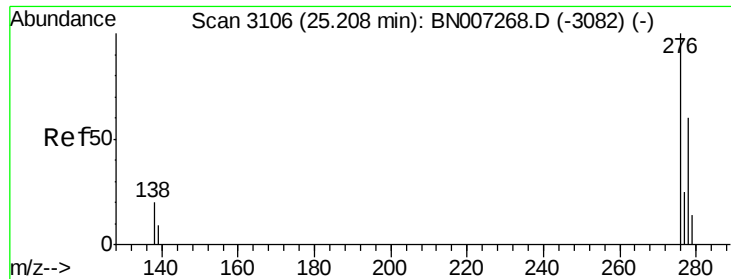


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

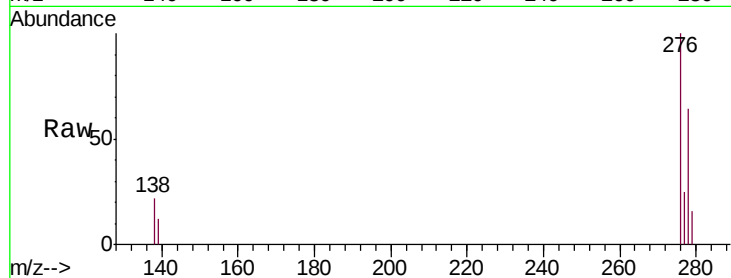




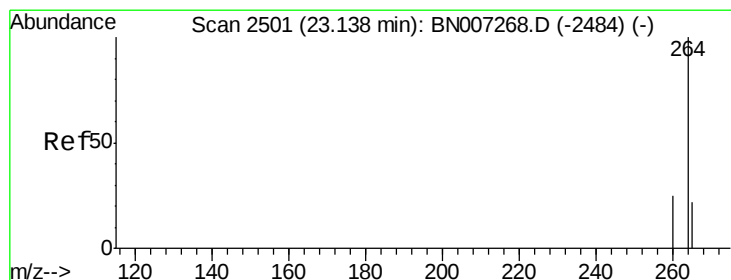
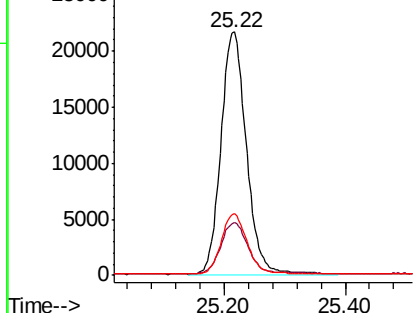
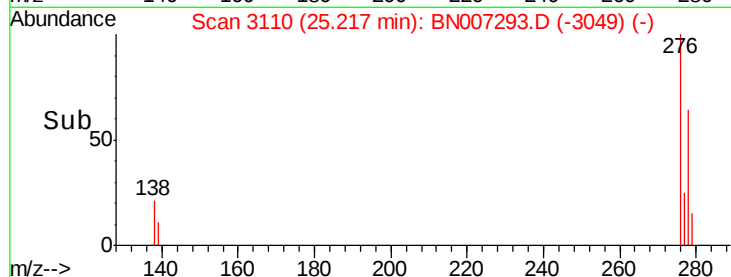
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.438 ng
 RT: 25.22 min Scan# 3110
 Delta R.T. 0.01 min
 Lab File: BN007293.D
 Acq: 21 Aug 2019 15:09

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 63038
 Ion Ratio Lower Upper
 276 100
 138 22.0 17.1 25.7
 277 24.8 20.1 30.1

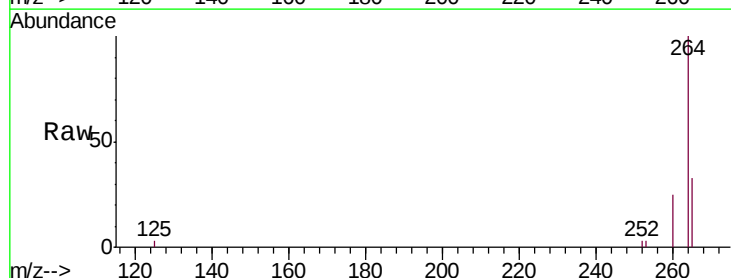


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

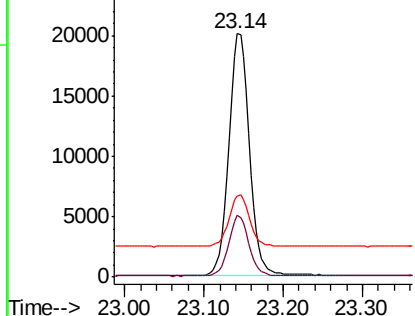
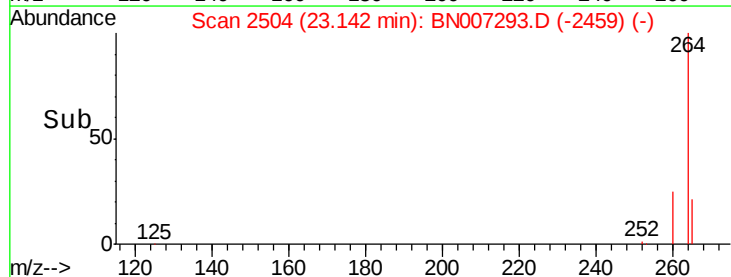


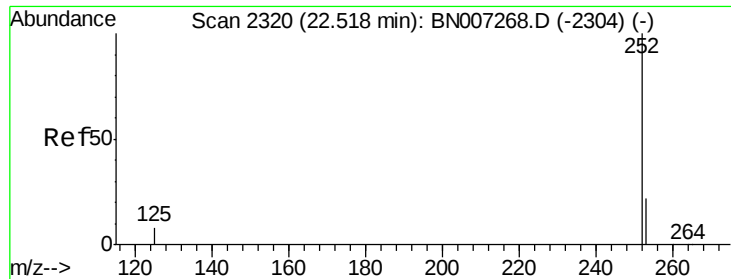
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BN007293.D
 Acq: 21 Aug 2019 15:09

Tgt Ion:264 Resp: 36078
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 33.4 29.0 43.6



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: 0.383 ng

RT: 22.52 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

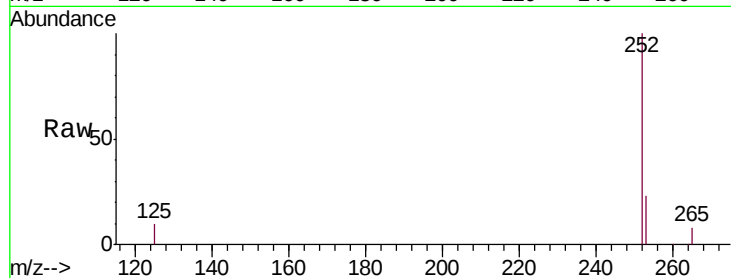
Tot Ion:252 Resp: 51502

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

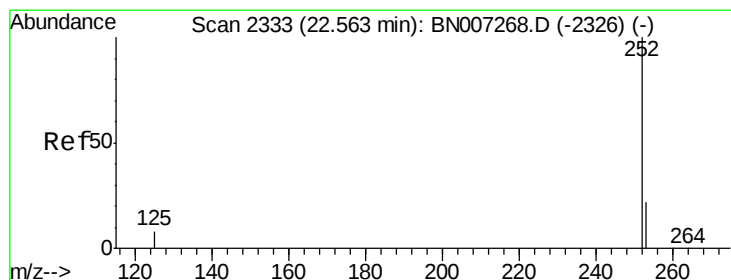
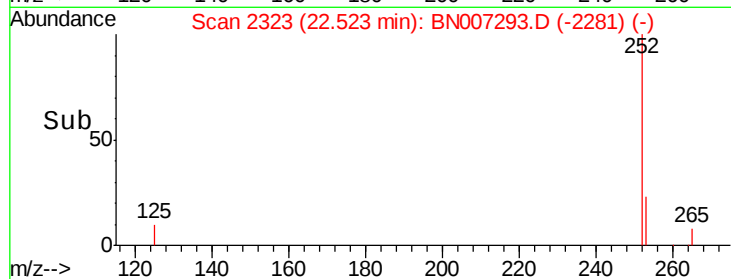
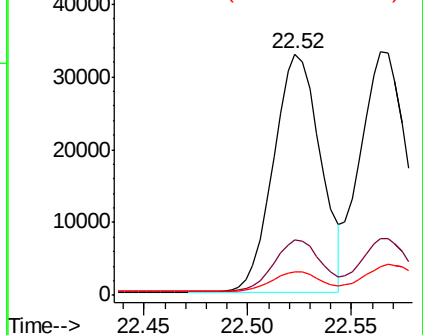
125 9.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 22.56 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

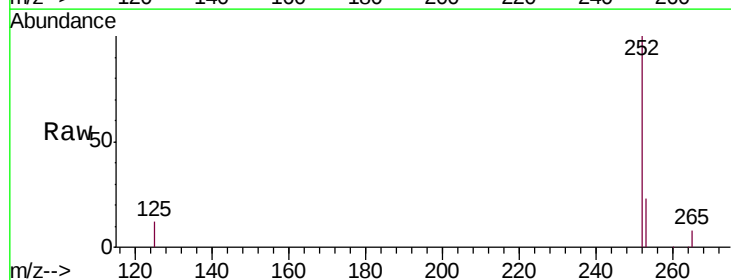
Tgt Ion:252 Resp: 52927

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

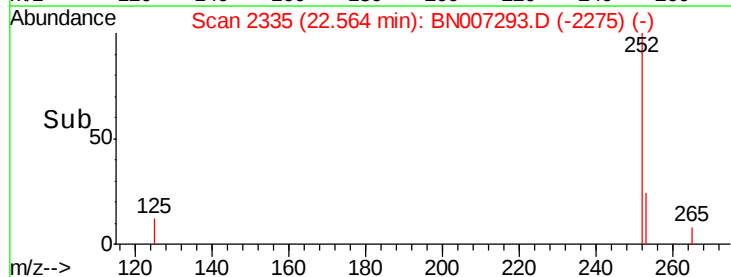
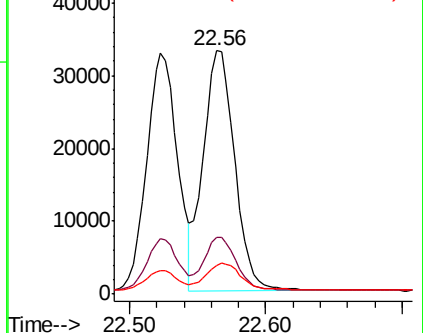
125 11.7 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.05 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

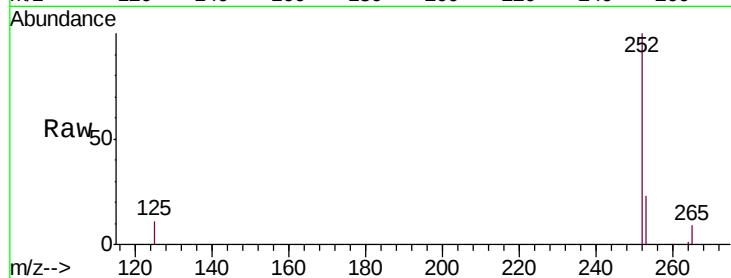
Tot Ion:252 Resp: 48770

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

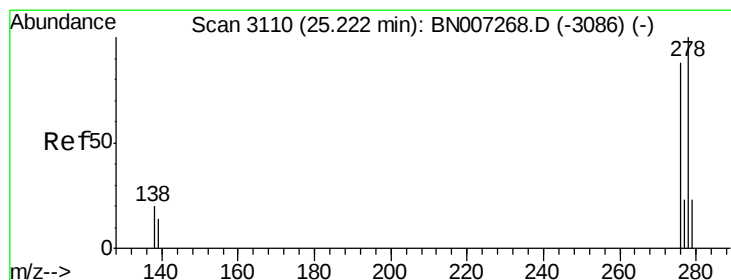
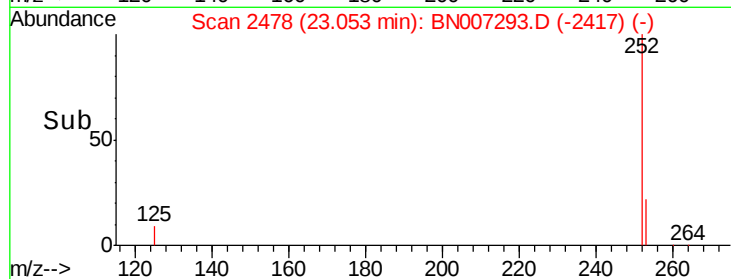
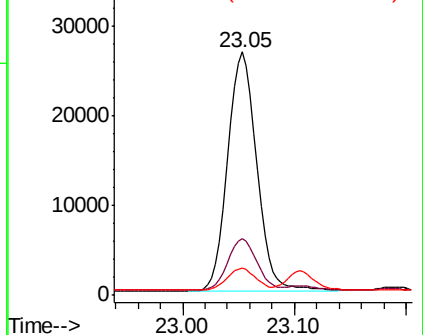
125 11.1 8.7 13.1



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: 0.399 ng

RT: 25.23 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN007293.D

Acq: 21 Aug 2019 15:09

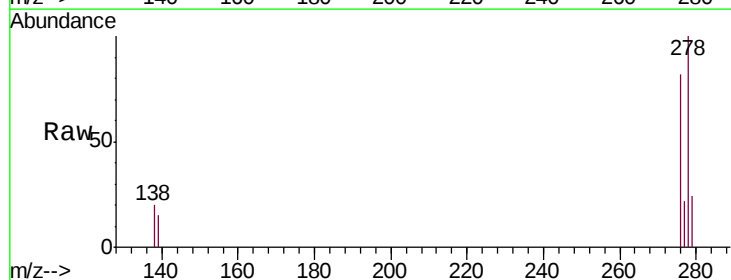
Tgt Ion:278 Resp: 50796

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.8

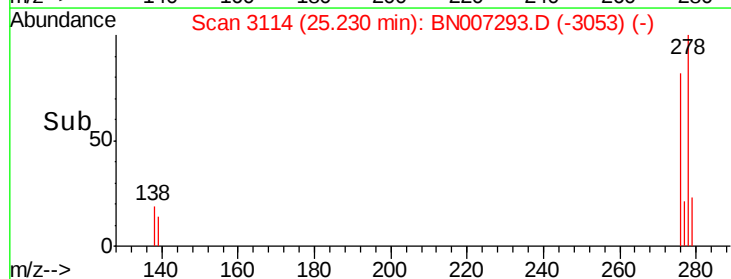
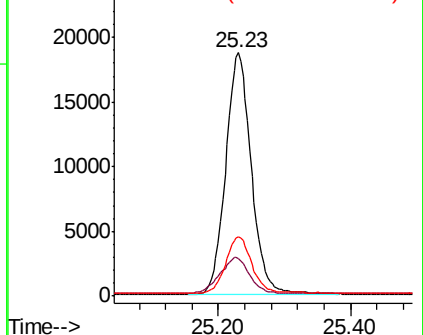
279 24.3 19.8 29.6

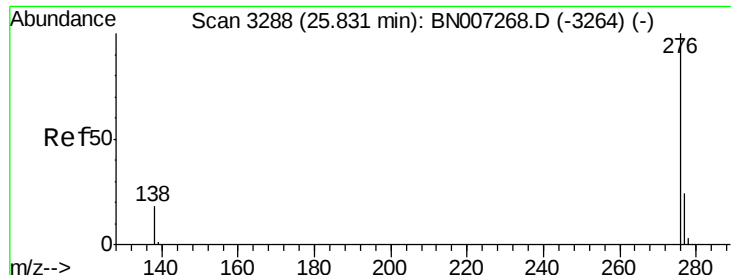


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.389 ng

RT: 25.84 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN007293.D

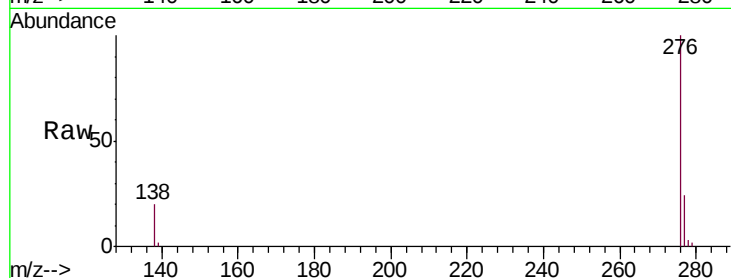
Acq: 21 Aug 2019 15:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 50096

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.7 15.3 22.9

