

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008900.D
 Acq On : 10 Dec 2019 11:26
 Operator : JU
 Sample : PB124706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:04:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2832	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	12172	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	8743	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	20580	0.40	ng	0.00
27) Chrysene-d12	21.13	240	20880	0.40	ng	0.00
34) Perylene-d12	23.28	264	21916	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2899	0.40	ng	0.00
5) Phenol-d6	6.75	99	4012	0.40	ng	0.00
8) Nitrobenzene-d5	8.69	82	4036	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	8704	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1600	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	13539	0.41	ng	0.00
25) Fluoranthene-d10	18.97	212	24402	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	19398	0.41	ng	0.00

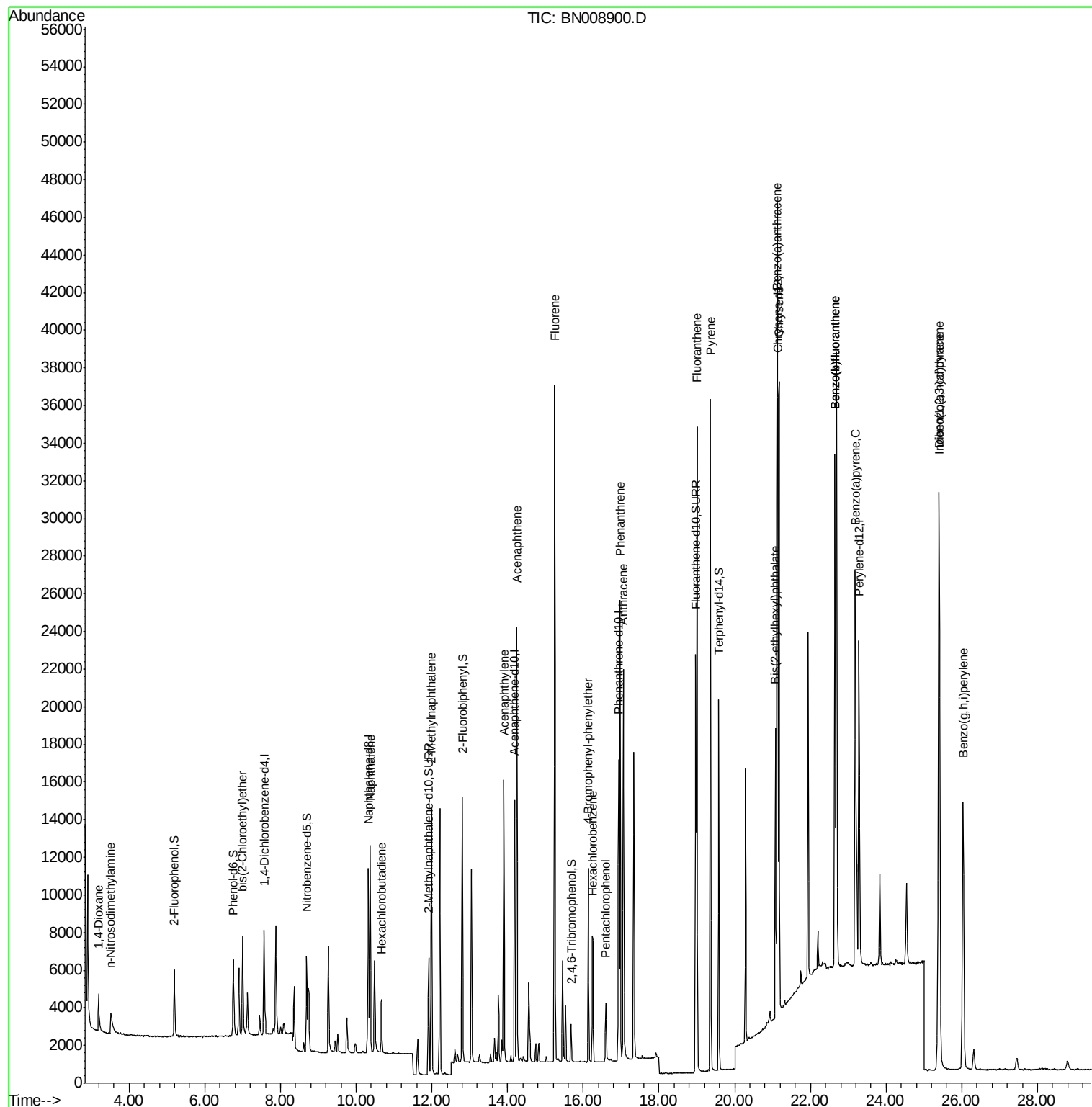
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	1198	0.451	ng	95
3) n-Nitrosodimethylamine	3.51	42	1382	0.377	ng	# 96
6) bis(2-Chloroethyl)ether	7.00	93	3968	0.423	ng	99
9) Naphthalene	10.37	128	13977	0.421	ng	100
10) Hexachlorobutadiene	10.67	225	2642	0.416	ng	# 100
12) 2-Methylnaphthalene	11.99	142	10469	0.423	ng	99
16) Acenaphthylene	13.90	152	16497	0.413	ng	100
17) Acenaphthene	14.25	154	11187	0.421	ng	99
18) Fluorene	15.24	166	15066	0.422	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	4949	0.402	ng	99
21) Hexachlorobenzene	16.25	284	5558	0.396	ng	99
22) Pentachlorophenol	16.59	266	1830	0.362	ng	99
23) Phenanthrene	16.97	178	26387	0.407	ng	100
24) Anthracene	17.06	178	22623	0.397	ng	99
26) Fluoranthene	19.00	202	30854	0.400	ng	100
28) Pyrene	19.36	202	31316	0.428	ng	100
30) Benzo(a)anthracene	21.12	228	30786	0.416	ng	99
31) Chrysene	21.17	228	32362	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.08	149	12705	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	35096	0.432	ng	98
35) Benzo(b)fluoranthene	22.65	252	32652	0.416	ng	99
36) Benzo(k)fluoranthene	22.65	252	32652	0.413	ng	98
37) Benzo(a)pyrene	23.19	252	29417	0.417	ng	100
38) Dibenzo(a,h)anthracene	25.41	278	28185	0.426	ng	100
39) Benzo(g,h,i)perylene	26.03	276	27652	0.424	ng	100

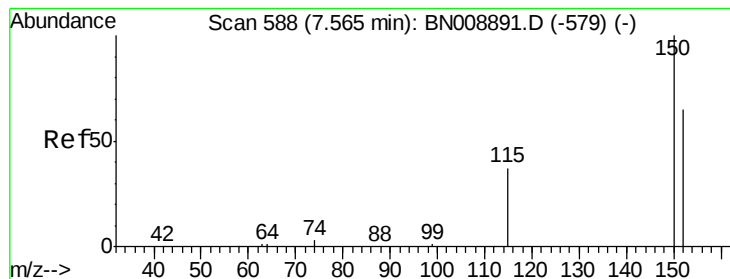
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

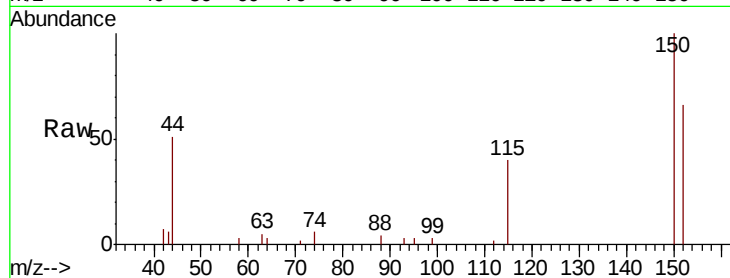
Tot Ion:152 Resp: 2832

Ion Ratio Lower Upper

152 100

150 150.5 122.3 183.5

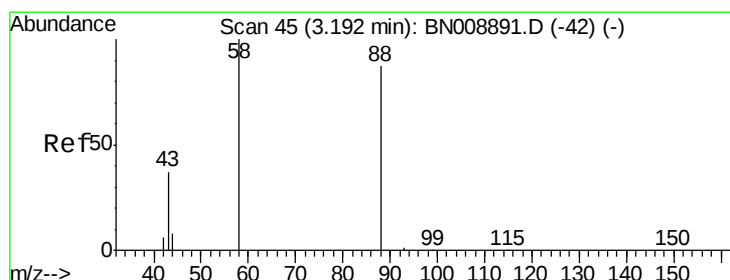
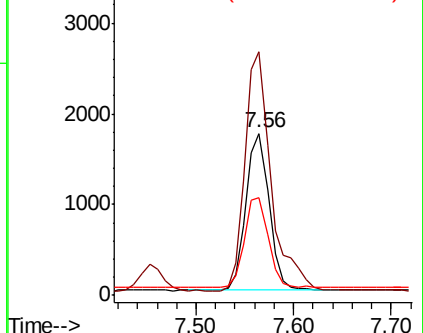
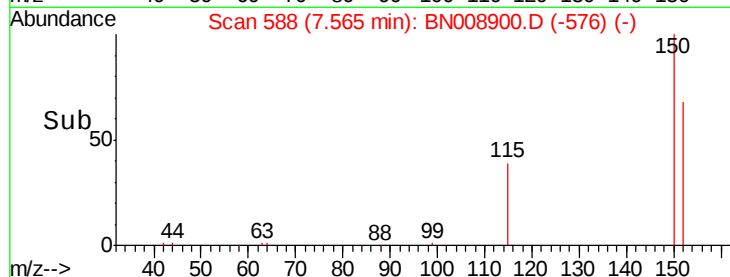
115 60.5 48.4 72.6



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: 0.451 ng

RT: 3.19 min Scan# 45

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

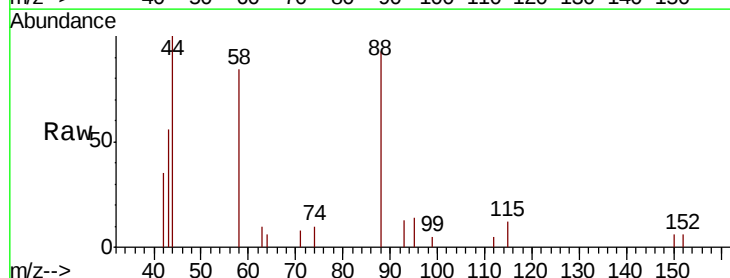
Tgt Ion: 88 Resp: 1198

Ion Ratio Lower Upper

88 100

58 107.1 88.6 132.8

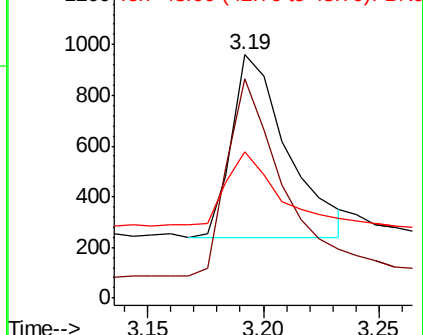
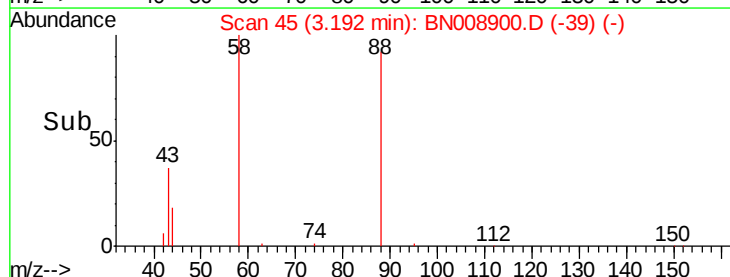
43 35.0 31.8 47.8



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



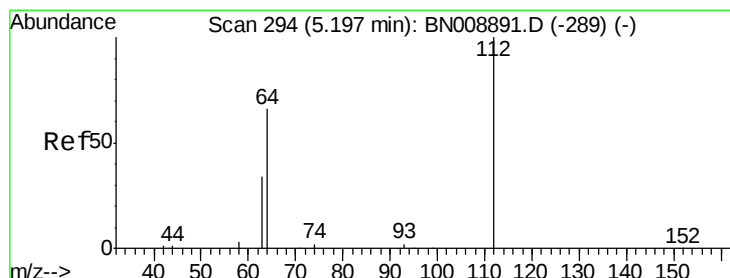
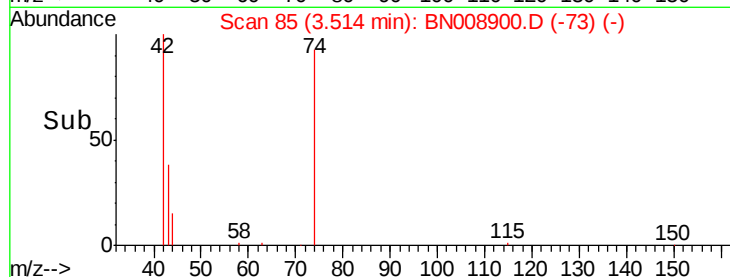
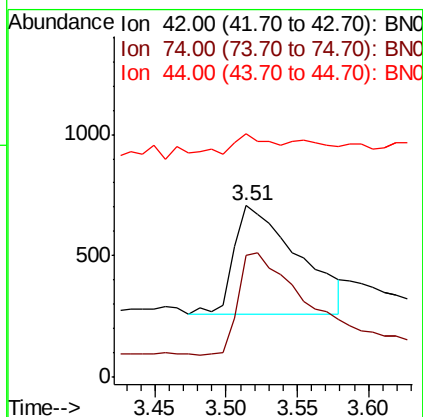
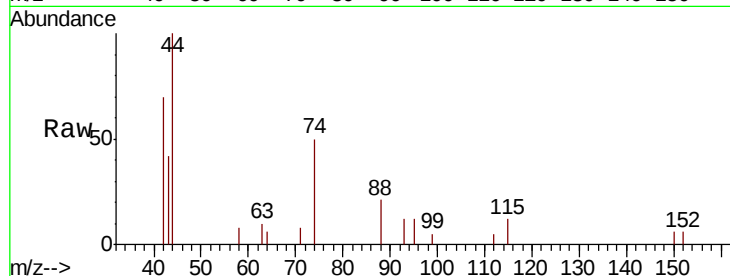


#3

n-Nitrosodimethylamine
 Concen: 0.377 ng
 RT: 3.51 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BN008900.D
 Acq: 10 Dec 2019 11:26

Instrument :
 BNA_N
 ClientSampleID :

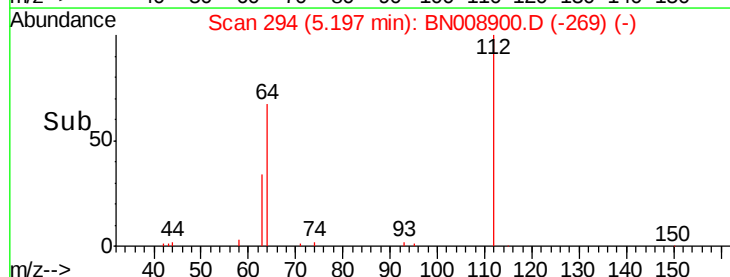
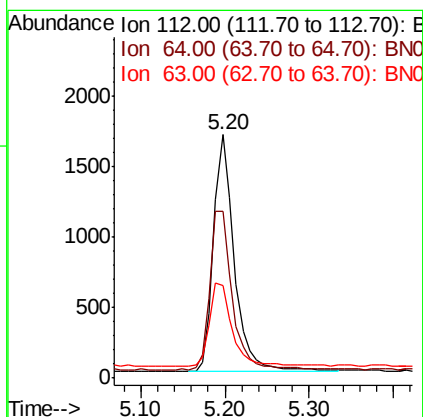
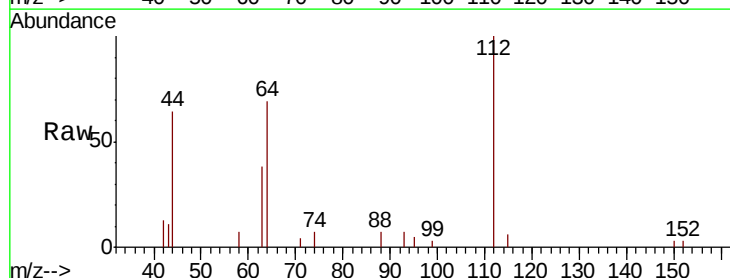
Tot Ion: 42 Resp: 1382
 Ion Ratio Lower Upper
 42 100
 74 94.7 78.6 117.8
 44 9.5 0.0 0.0#

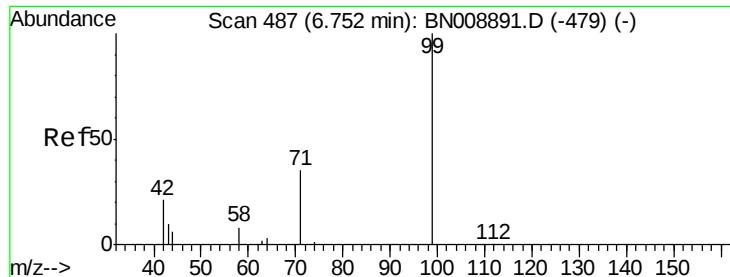


#4

2-Fluorophenol
 Concen: 0.403 ng
 RT: 5.20 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BN008900.D
 Acq: 10 Dec 2019 11:26

Tgt Ion: 112 Resp: 2899
 Ion Ratio Lower Upper
 112 100
 64 72.1 57.7 86.5
 63 38.2 29.6 44.4





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

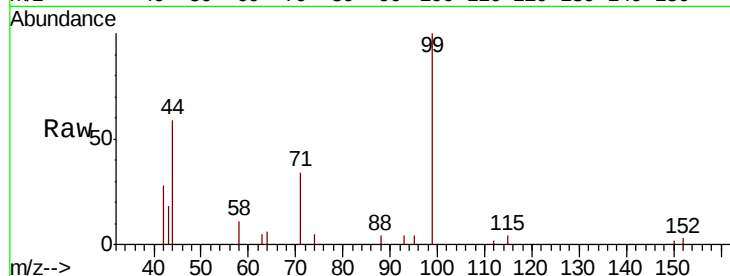
Tot Ion: 99 Resp: 4012

Ion Ratio Lower Upper

99 100

42 26.8 20.1 30.1

71 34.7 28.2 42.2



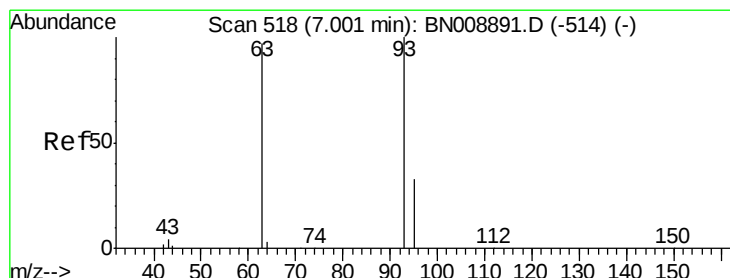
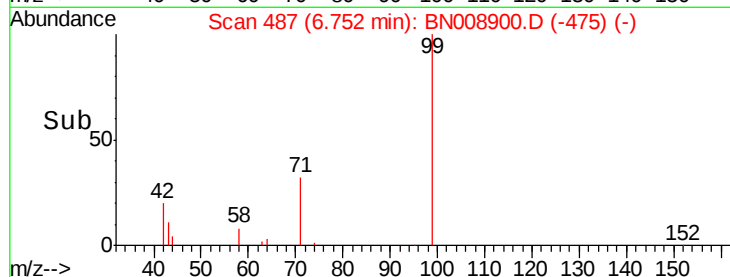
Abundance Ion 99.00 (98.70 to 99.70): BN008900.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008900.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008900.D (-479) (-)

6.75

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

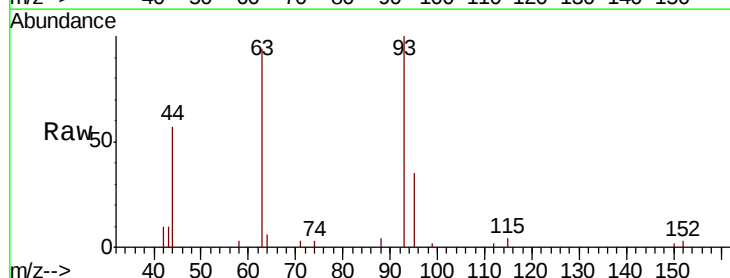
Tgt Ion: 93 Resp: 3968

Ion Ratio Lower Upper

93 100

63 93.3 73.5 110.3

95 31.7 26.0 39.0



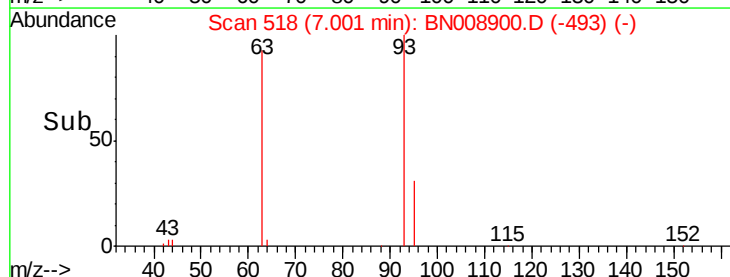
Abundance Ion 93.00 (92.70 to 93.70): BN008900.D (-514) (-)

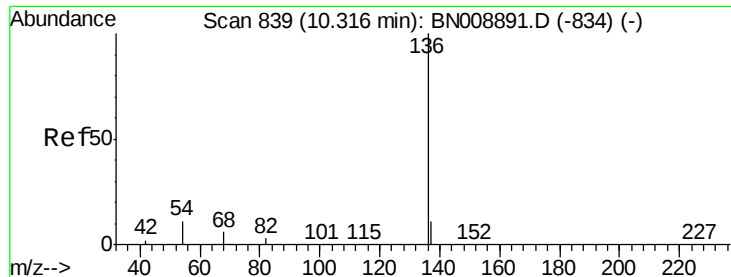
Ion 63.00 (62.70 to 63.70): BN008900.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008900.D (-514) (-)

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12172

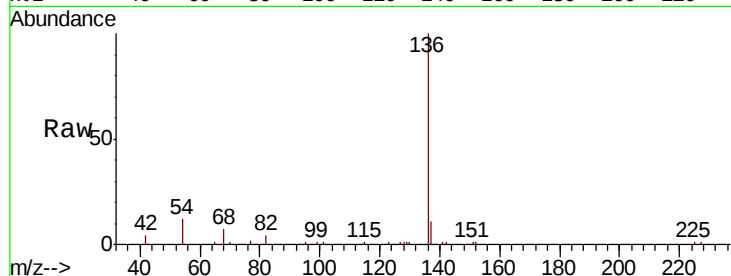
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 11.6 9.6 14.4

68 6.5 5.6 8.4

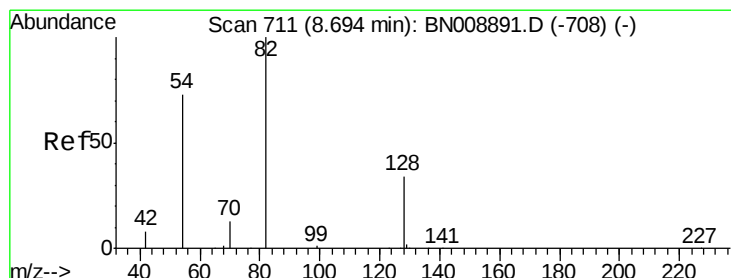
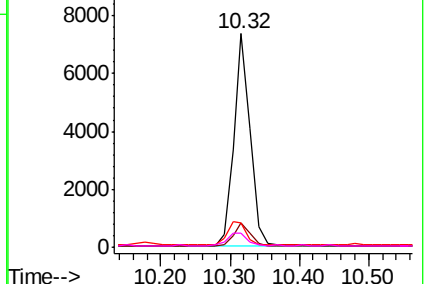
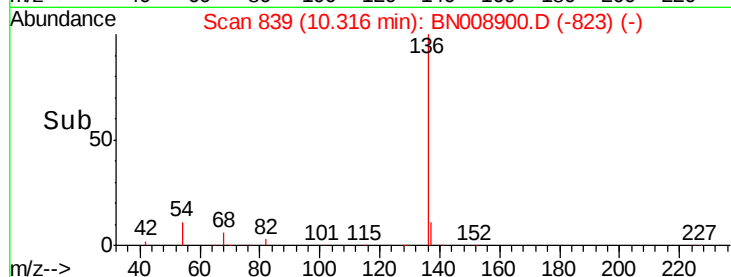


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

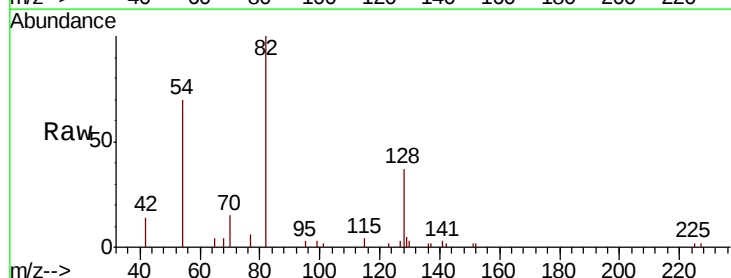
Tgt Ion: 82 Resp: 4036

Ion Ratio Lower Upper

82 100

128 37.4 29.1 43.7

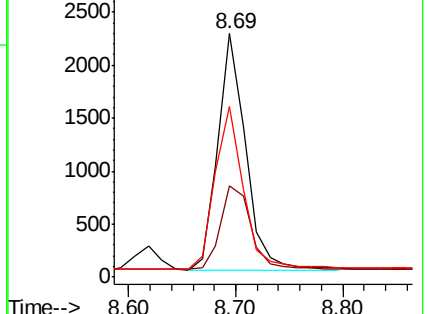
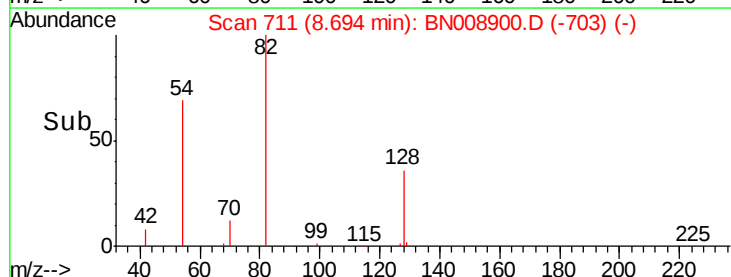
54 70.0 59.7 89.5

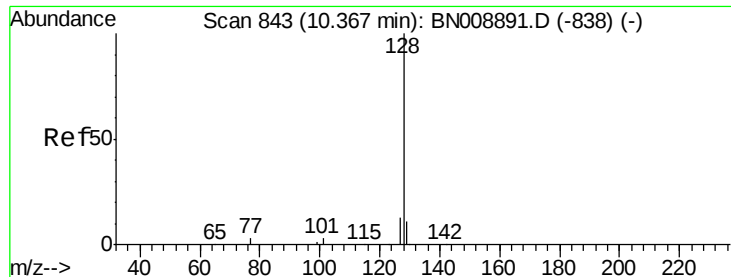


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.421 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampled :

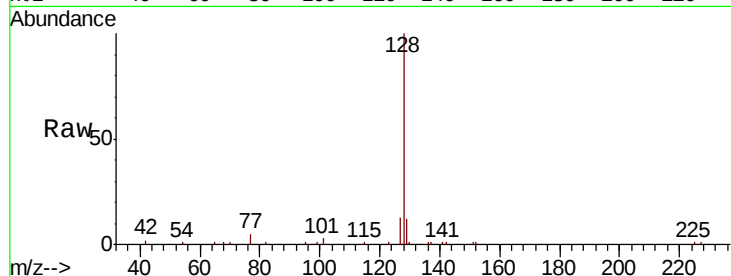
Tot Ion:128 Resp: 13977

Ion Ratio Lower Upper

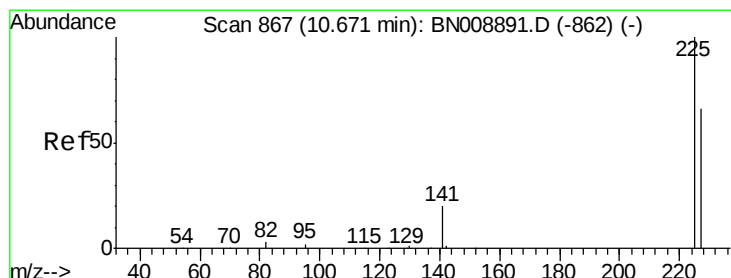
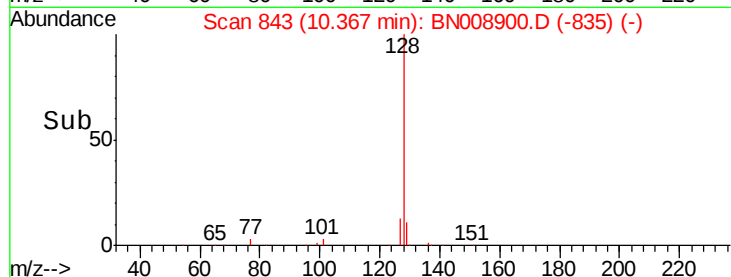
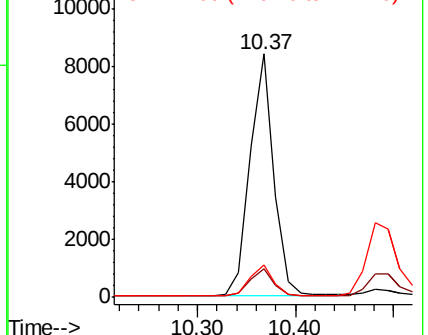
128 100

129 11.8 9.4 14.0

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.416 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

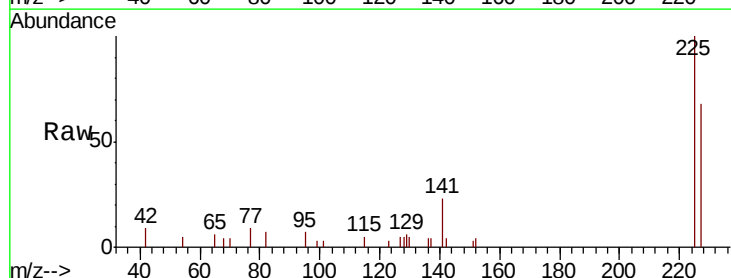
Tgt Ion:225 Resp: 2642

Ion Ratio Lower Upper

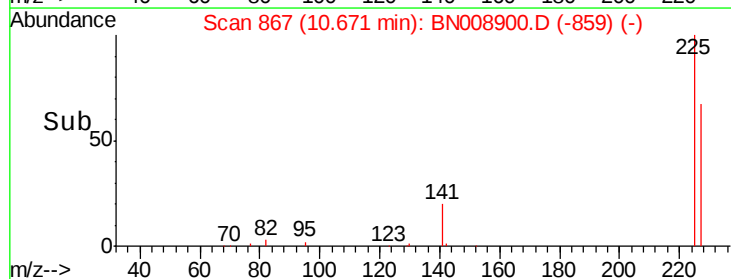
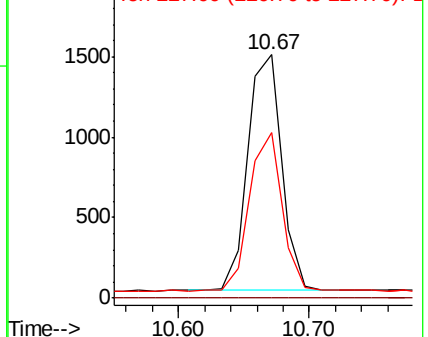
225 100

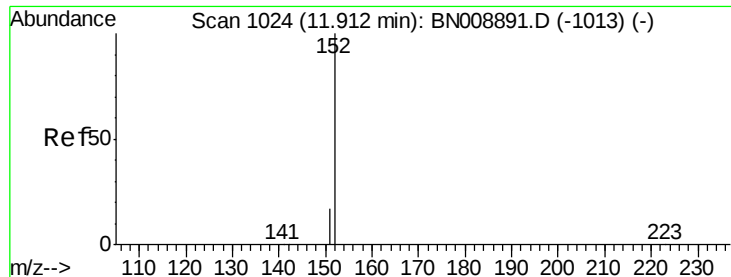
223 0.0 0.0 0.0

227 64.6 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

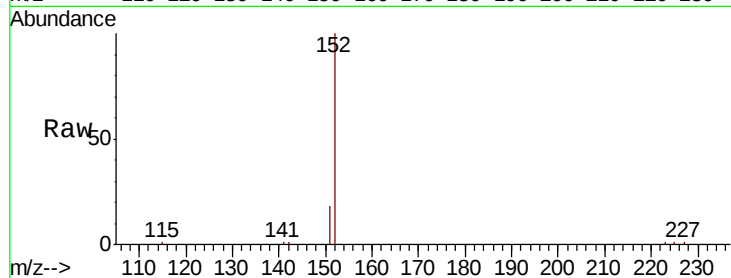
ClientSampleId :

Tot Ion:152 Resp: 8704

Ion Ratio Lower Upper

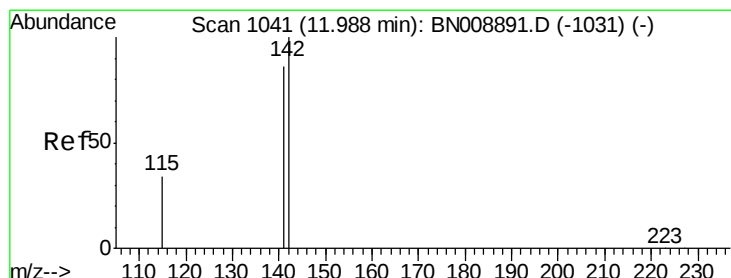
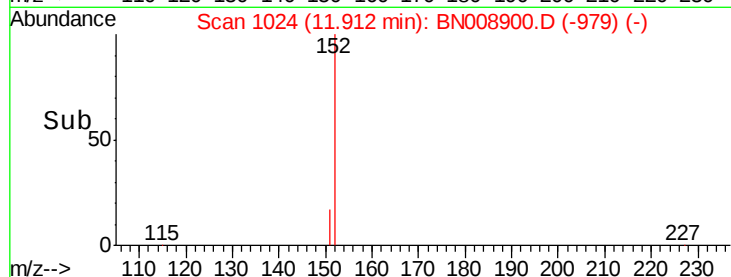
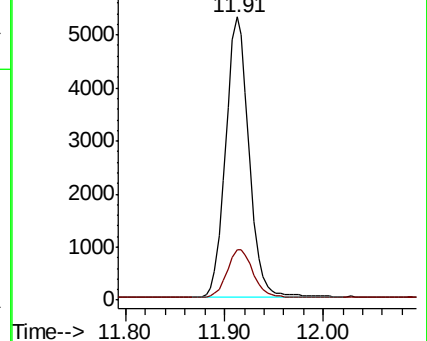
152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

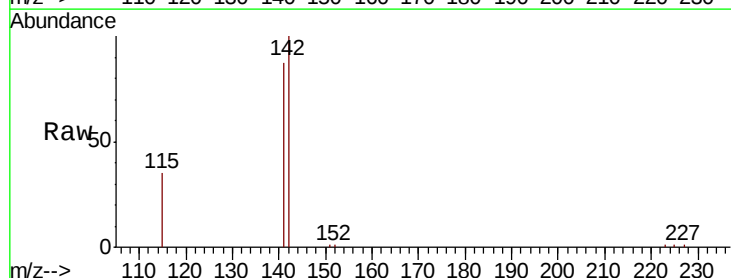
Tgt Ion:142 Resp: 10469

Ion Ratio Lower Upper

142 100

141 87.1 69.3 103.9

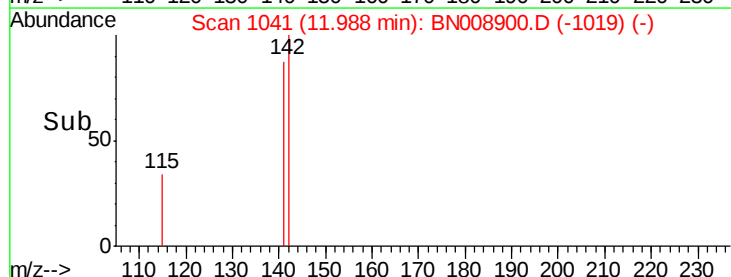
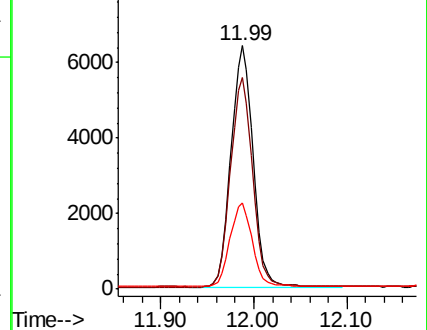
115 35.2 27.9 41.9

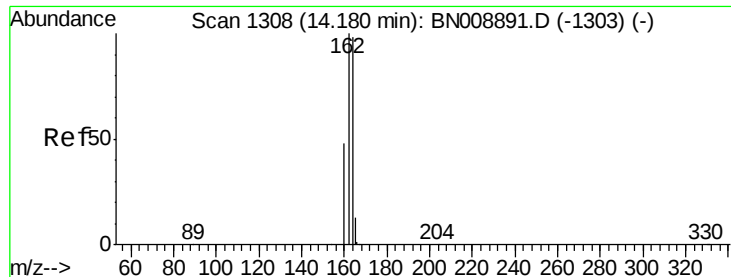


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

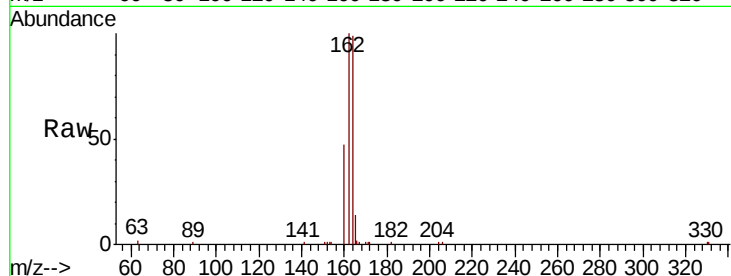
Tot Ion:164 Resp: 8743

Ion Ratio Lower Upper

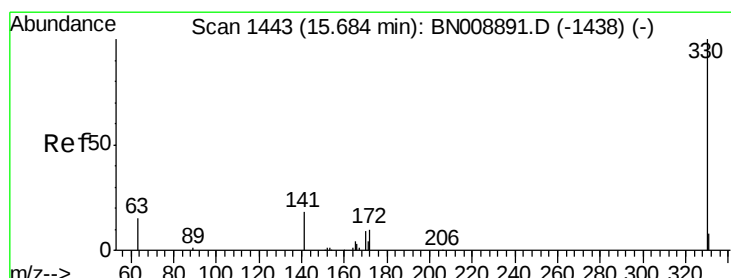
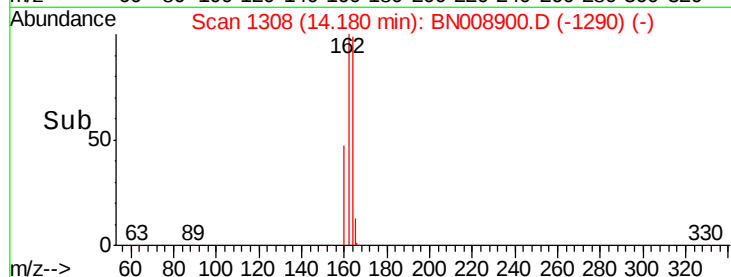
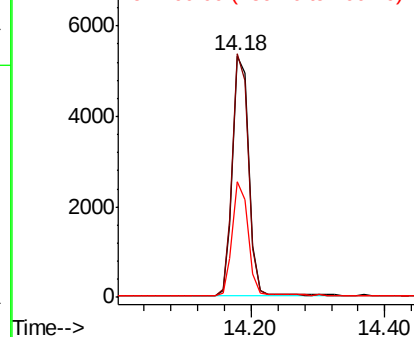
164 100

162 100.8 81.9 122.9

160 47.6 39.3 58.9



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: 0.381 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

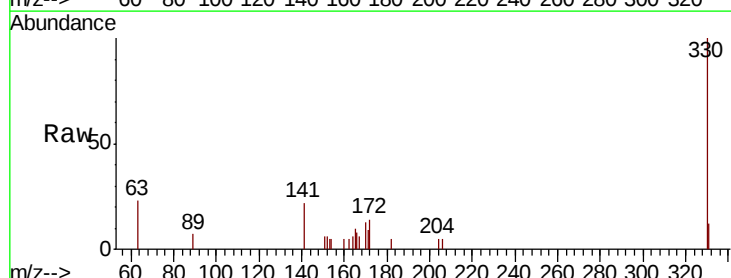
Tgt Ion:330 Resp: 1600

Ion Ratio Lower Upper

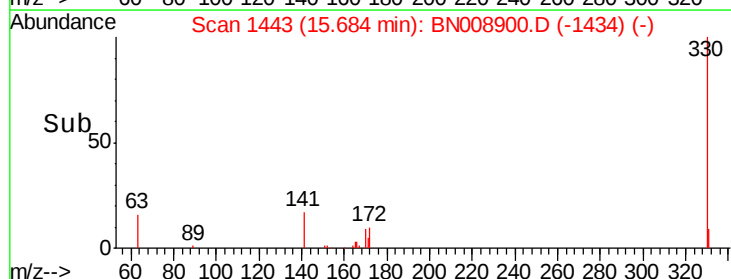
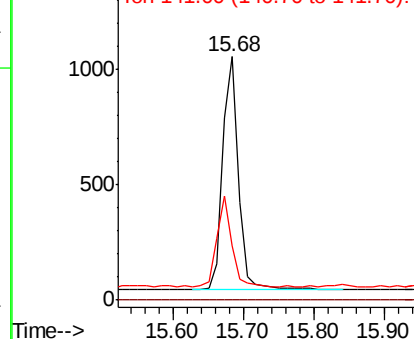
330 100

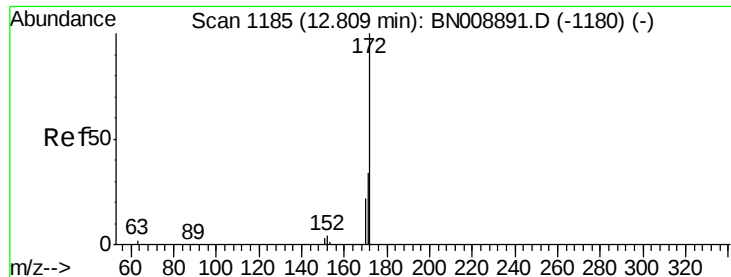
332 0.0 0.0 0.0

141 36.9 29.6 44.4



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

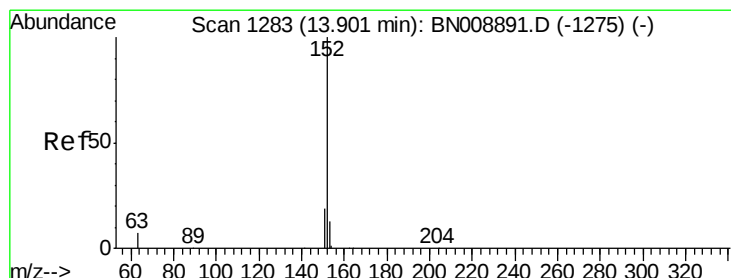
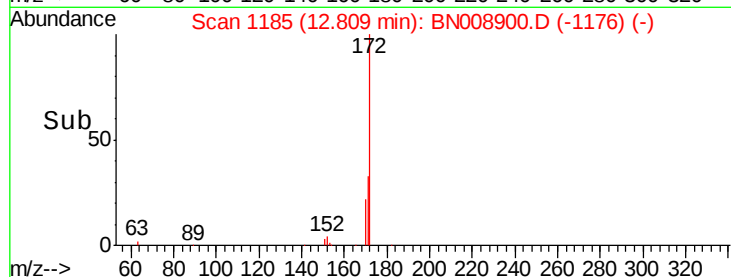
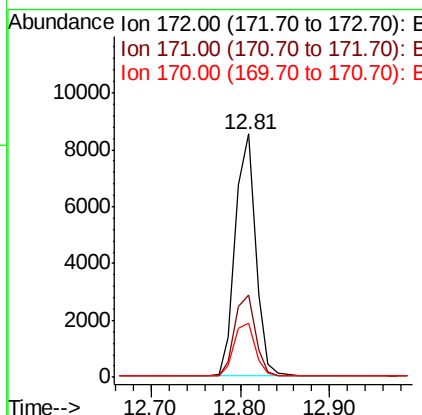
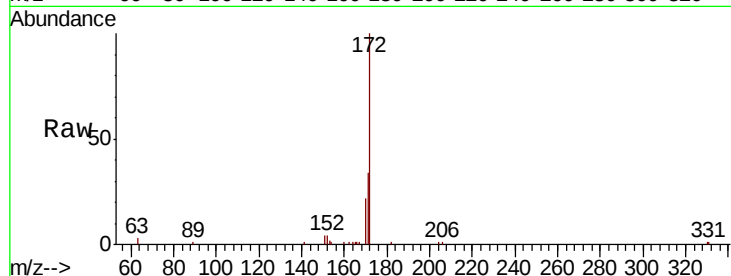




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008900.D
Acq: 10 Dec 2019 11:26

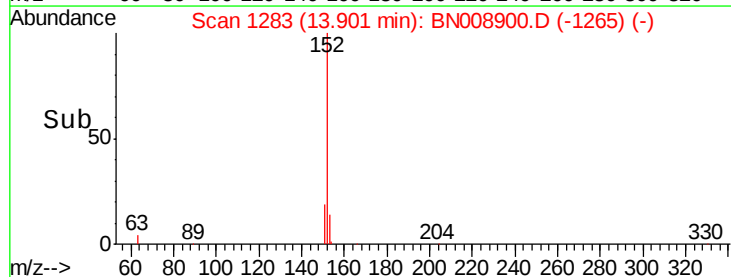
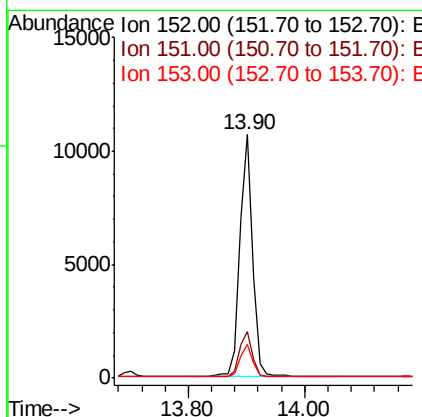
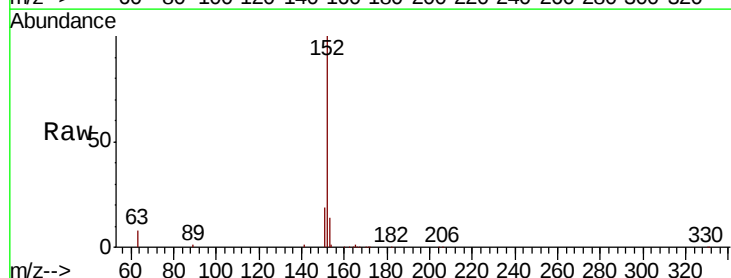
Instrument :
BNA_N
ClientSampled :

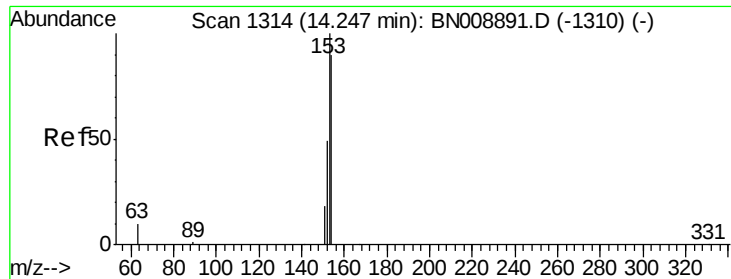
Tot Ion:172 Resp: 13539
Ion Ratio Lower Upper
172 100
171 33.7 27.1 40.7
170 22.0 17.7 26.5



#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008900.D
Acq: 10 Dec 2019 11:26

Tgt Ion:152 Resp: 16497
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 0.421 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

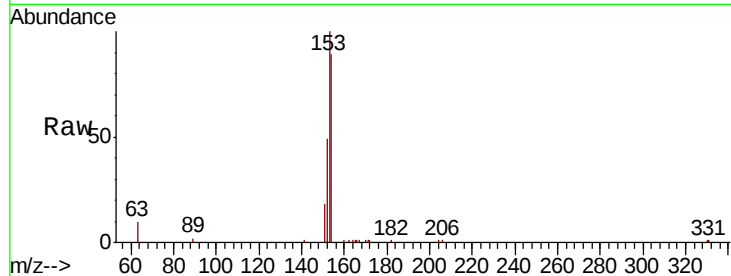
Tot Ion:154 Resp: 11187

Ion Ratio Lower Upper

154 100

153 112.3 89.2 133.8

152 55.9 44.2 66.4

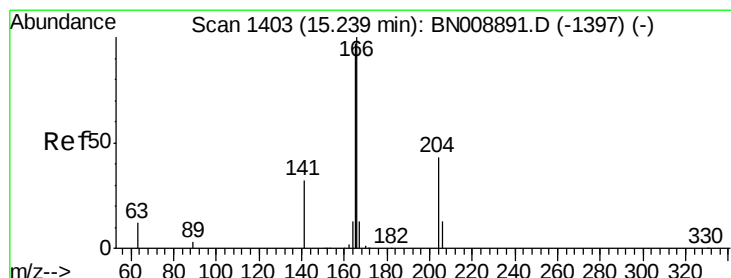
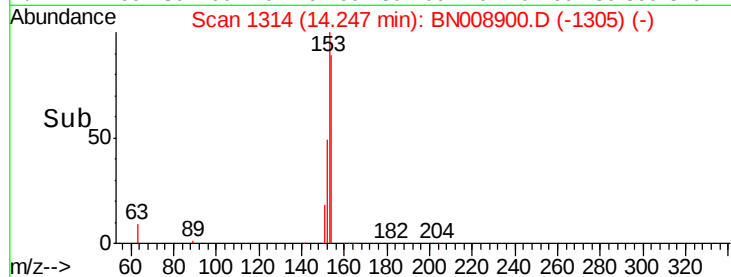
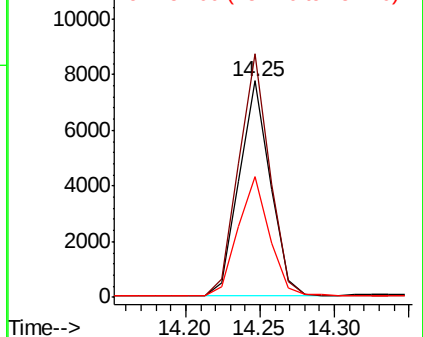


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.422 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

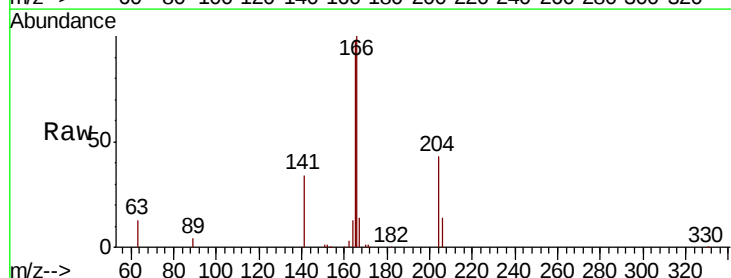
Tgt Ion:166 Resp: 15066

Ion Ratio Lower Upper

166 100

165 96.6 77.3 115.9

167 13.5 10.8 16.2

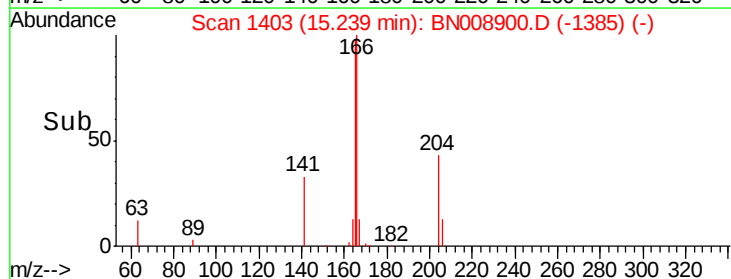
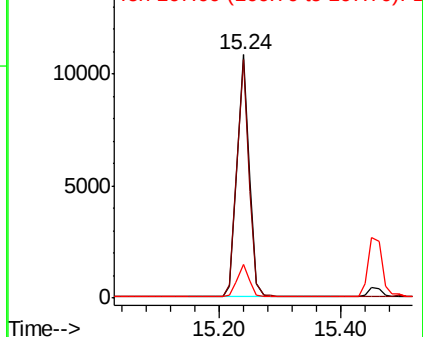


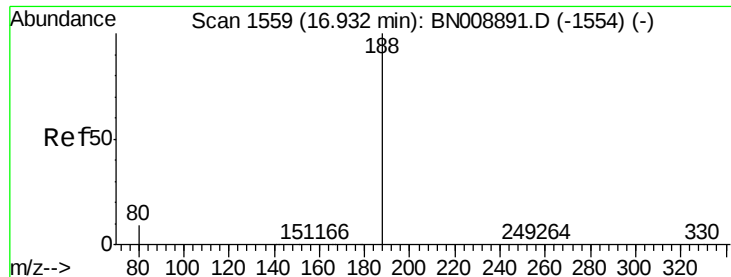
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

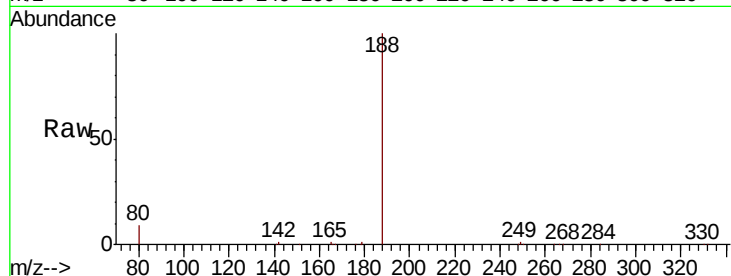
Tot Ion:188 Resp: 20580

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

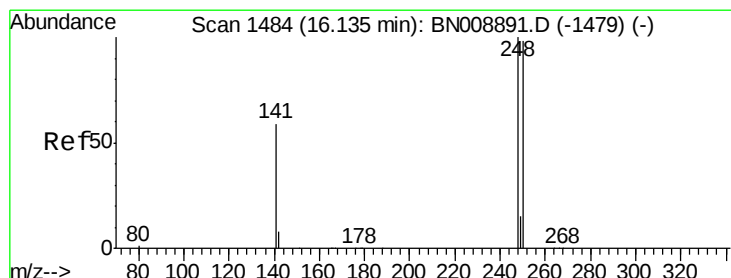
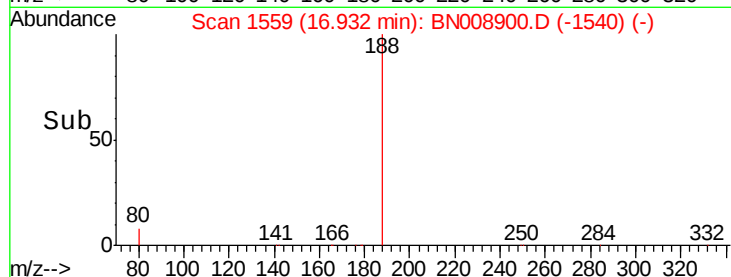
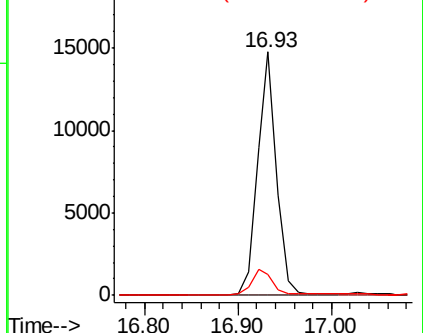
80 8.7 7.3 10.9



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: 0.402 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

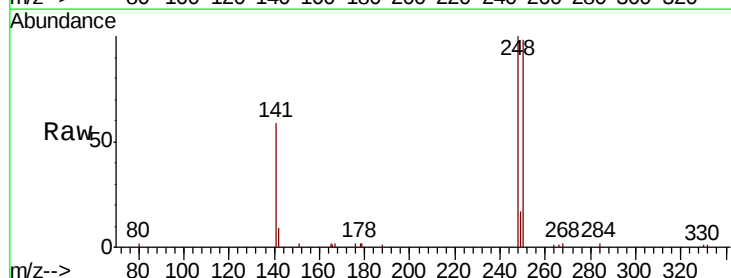
Tgt Ion:248 Resp: 4949

Ion Ratio Lower Upper

248 100

250 97.5 78.7 118.1

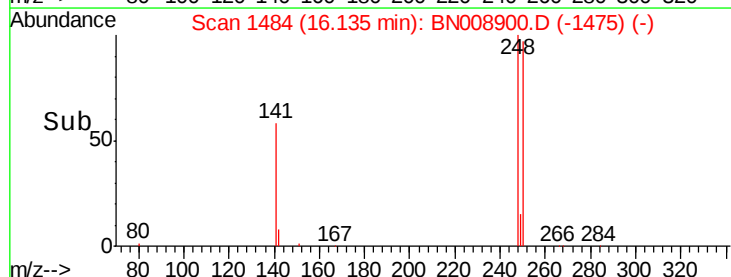
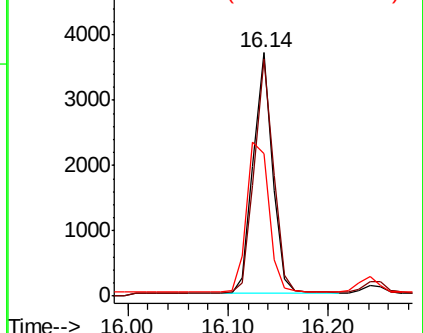
141 58.7 47.9 71.9

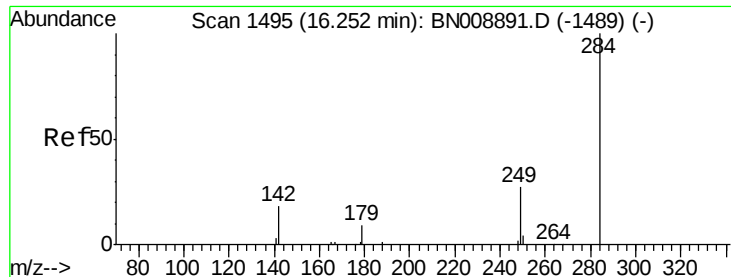


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampled :

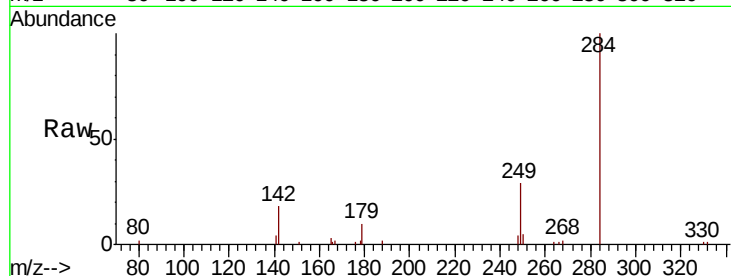
Tot Ion:284 Resp: 5558

Ion Ratio Lower Upper

284 100

142 34.9 27.8 41.6

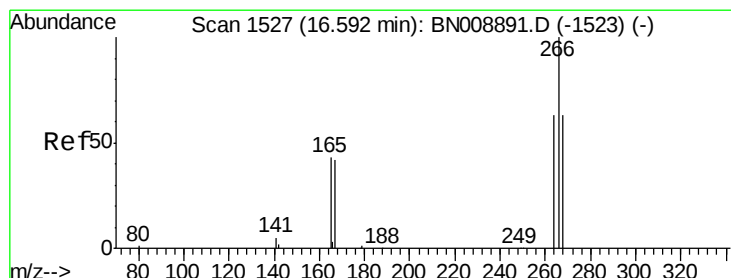
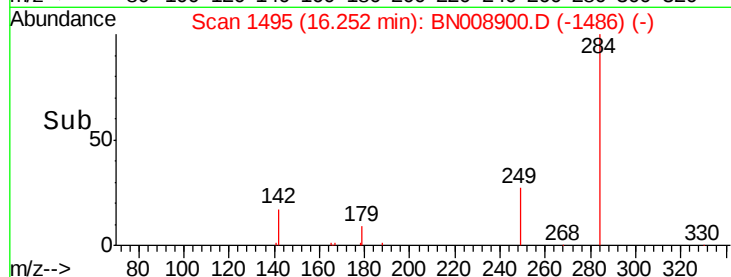
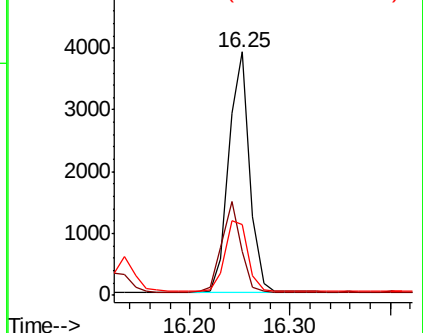
249 32.2 25.3 37.9



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: 0.362 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

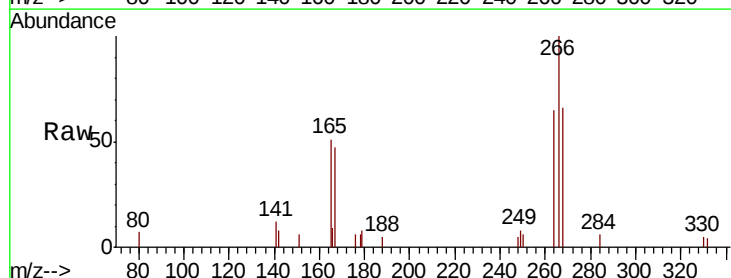
Tgt Ion:266 Resp: 1830

Ion Ratio Lower Upper

266 100

264 65.1 51.5 77.3

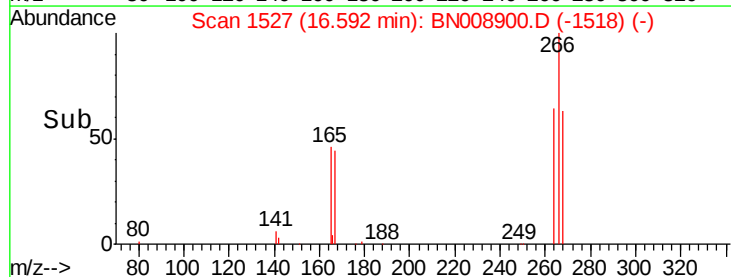
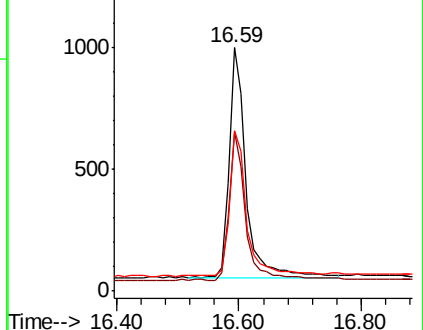
268 65.7 53.1 79.7

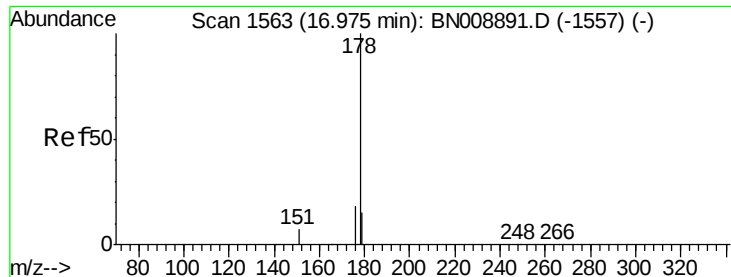


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

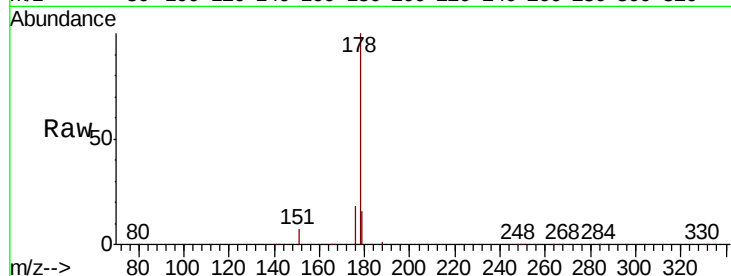
Tot Ion:178 Resp: 26387

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

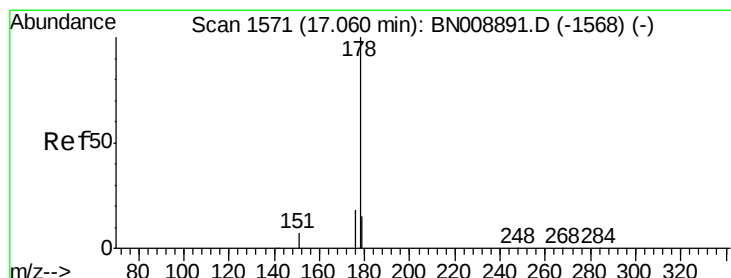
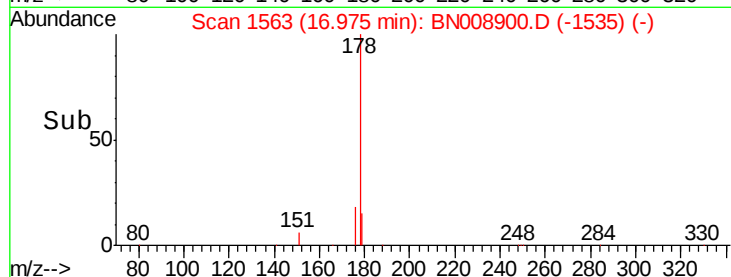
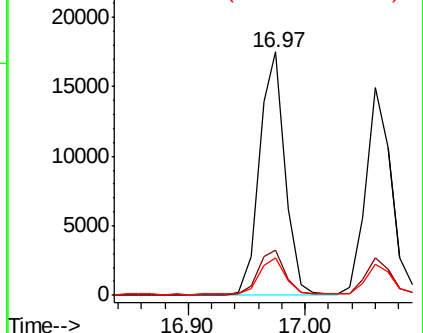
179 15.4 12.3 18.5



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: 0.397 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

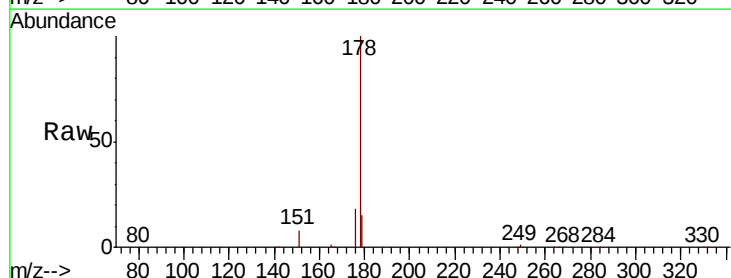
Tgt Ion:178 Resp: 22623

Ion Ratio Lower Upper

178 100

176 17.7 14.4 21.6

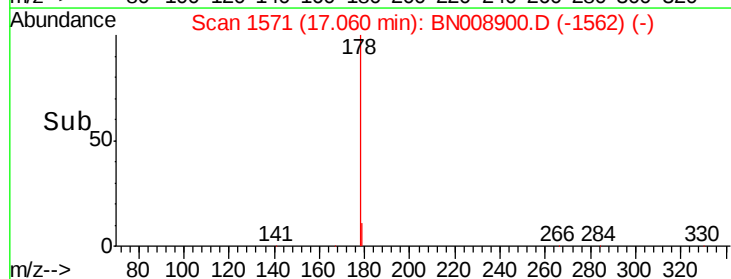
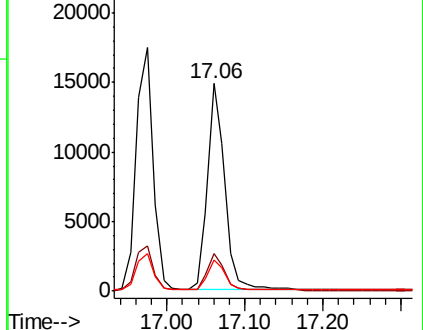
179 14.9 12.1 18.1

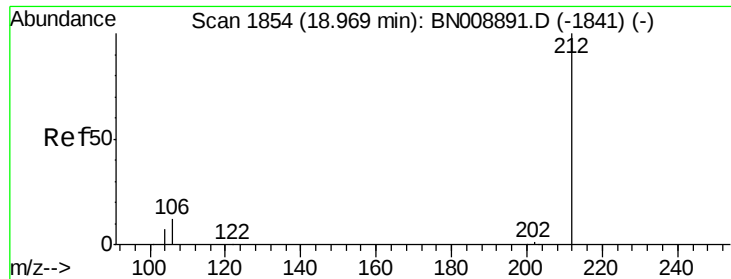


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

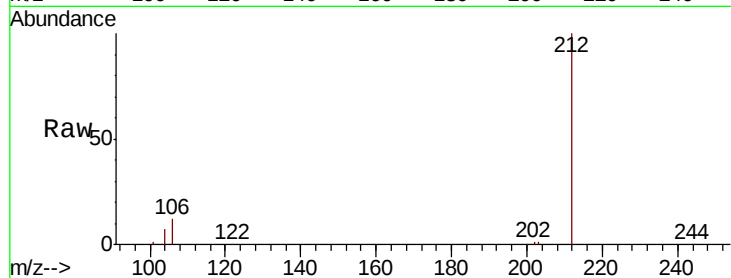
Tot Ion:212 Resp: 24402

Ion Ratio Lower Upper

212 100

106 13.1 10.4 15.6

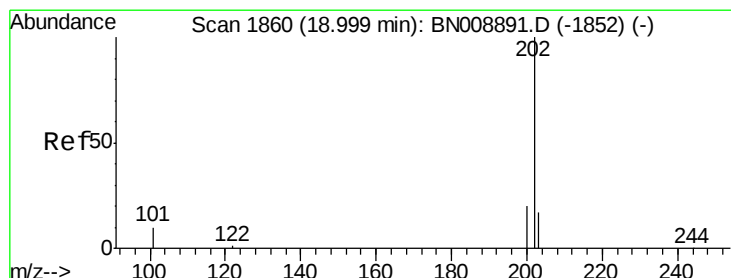
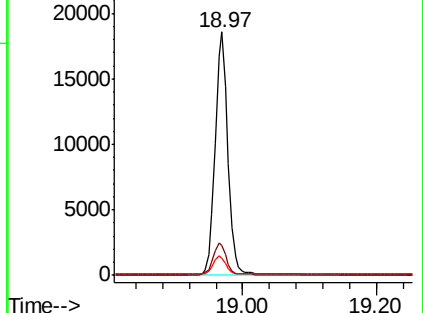
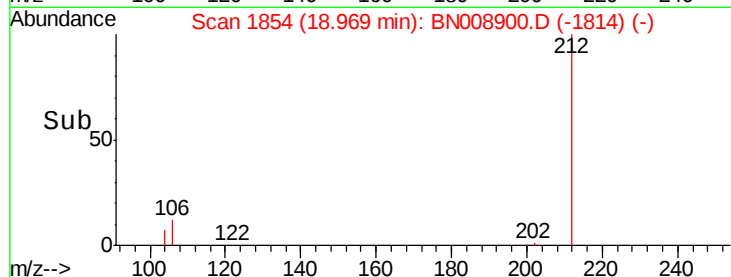
104 7.5 5.9 8.9



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: 0.400 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

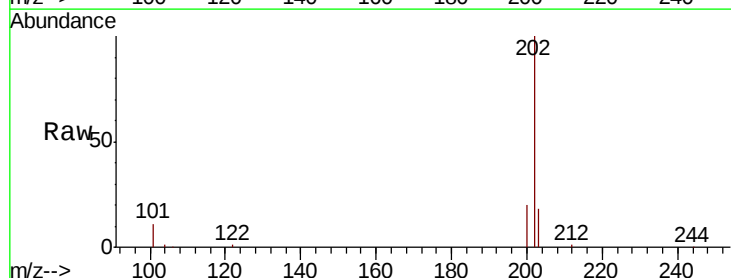
Tgt Ion:202 Resp: 30854

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

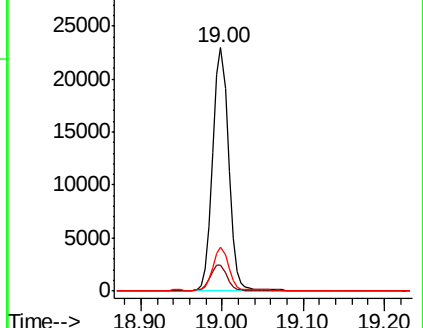
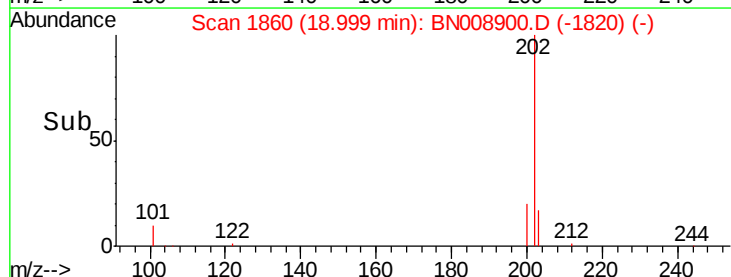
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

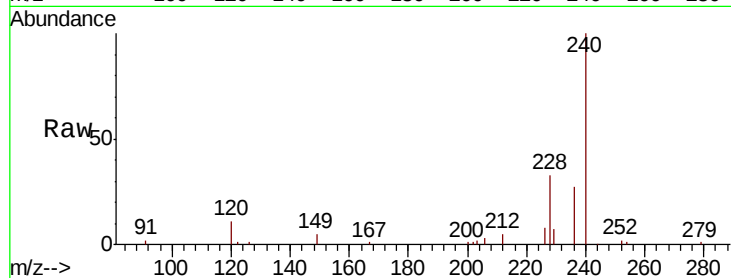
Tot Ion:240 Resp: 20880

Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

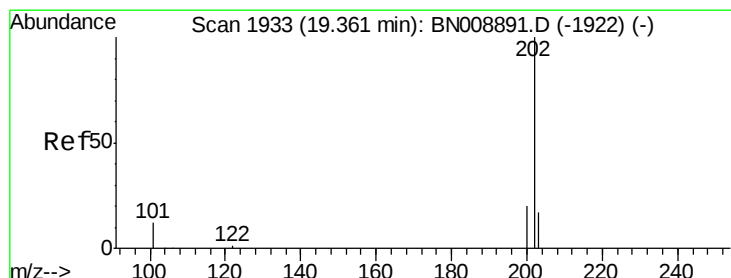
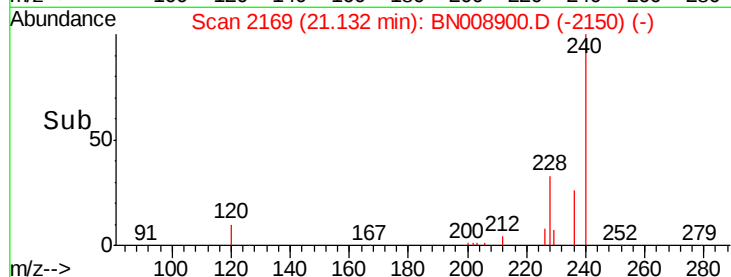
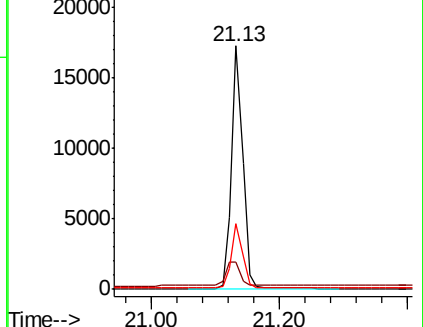
236 26.9 21.5 32.3



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: 0.428 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

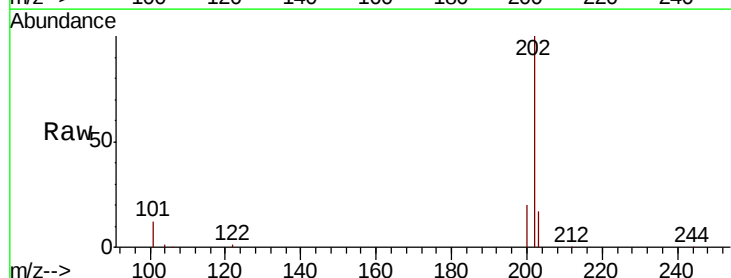
Tgt Ion:202 Resp: 31316

Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

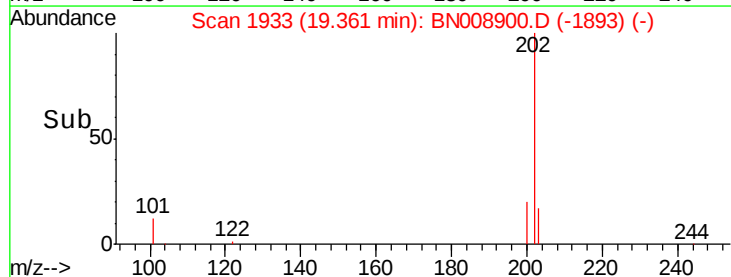
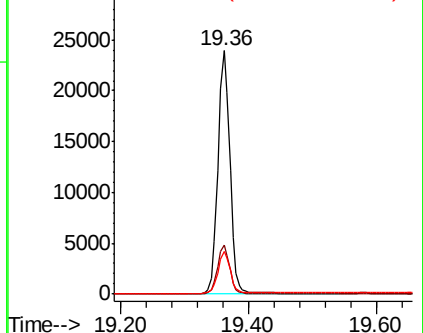
203 17.3 13.9 20.9

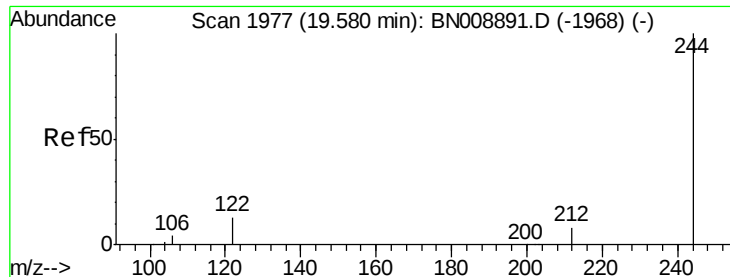


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

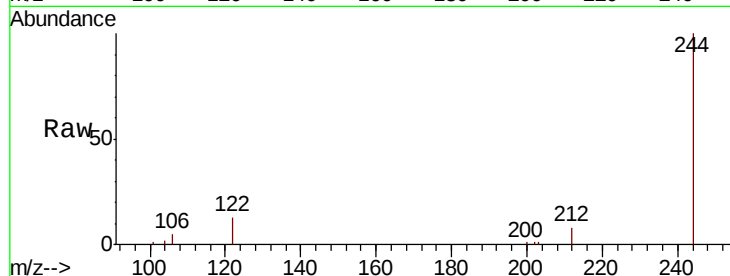
Tot Ion:244 Resp: 19398

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

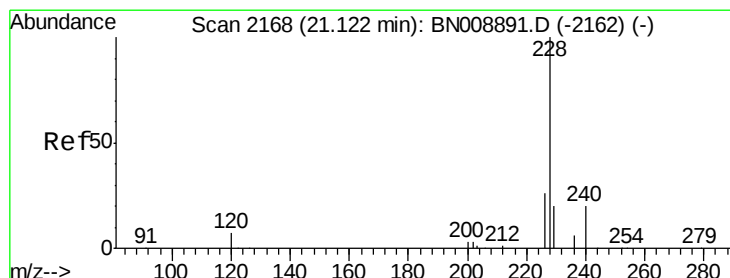
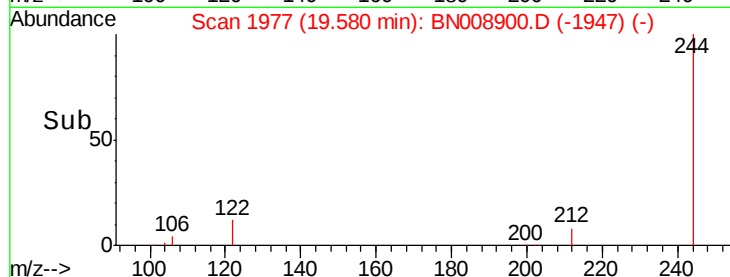
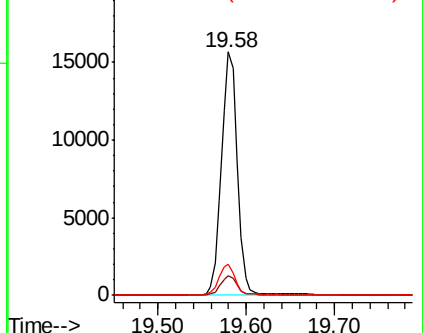
122 12.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.416 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

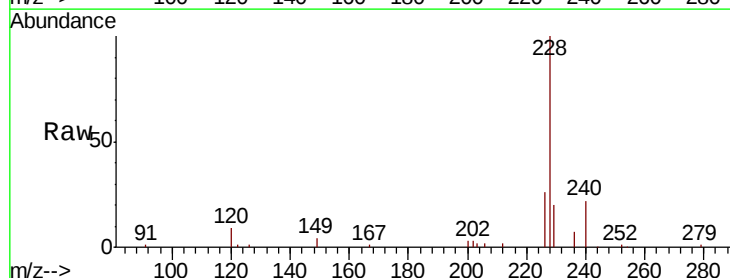
Tgt Ion:228 Resp: 30786

Ion Ratio Lower Upper

228 100

226 25.8 20.6 30.8

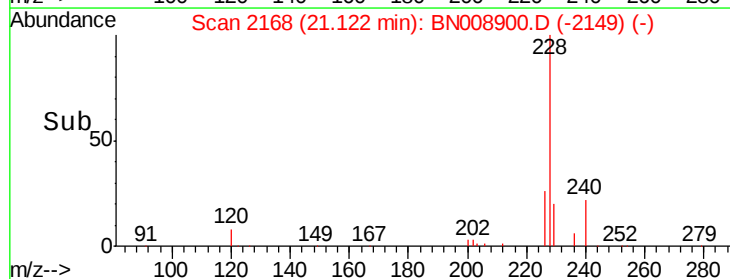
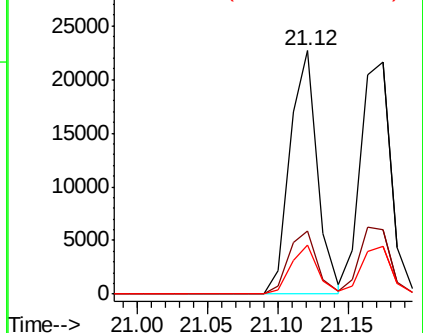
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

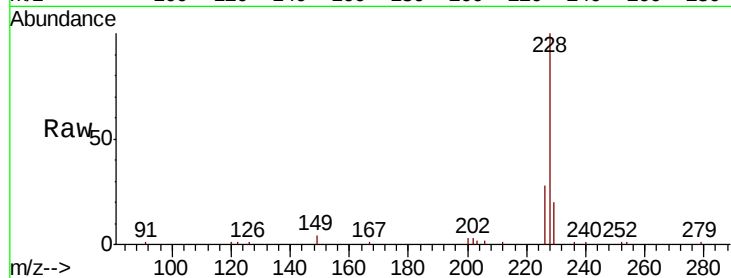
Tot Ion:228 Resp: 32362

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

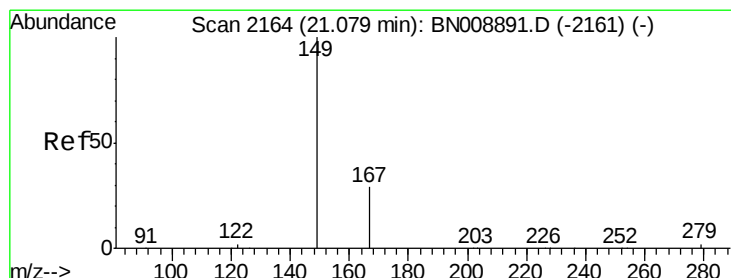
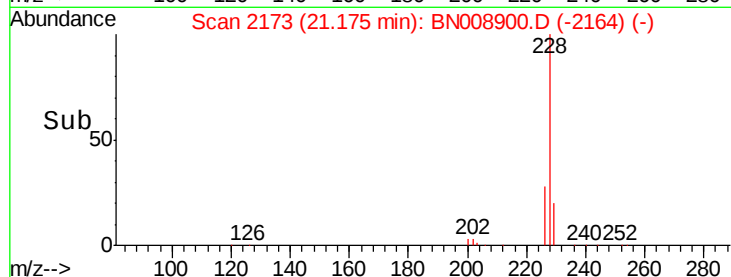
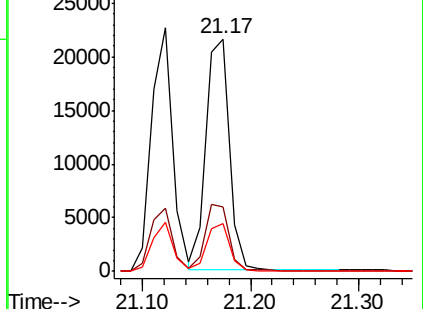
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.367 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

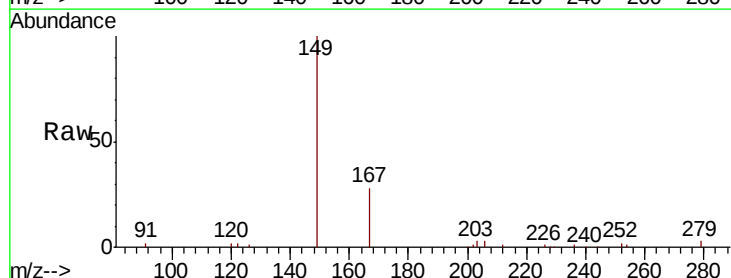
Tgt Ion:149 Resp: 12705

Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

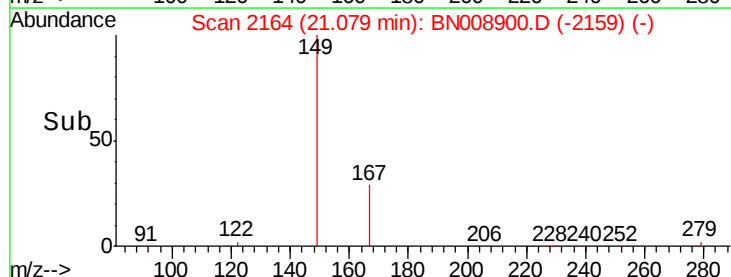
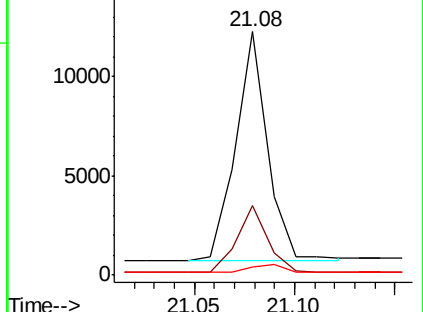
279 3.8 3.3 4.9

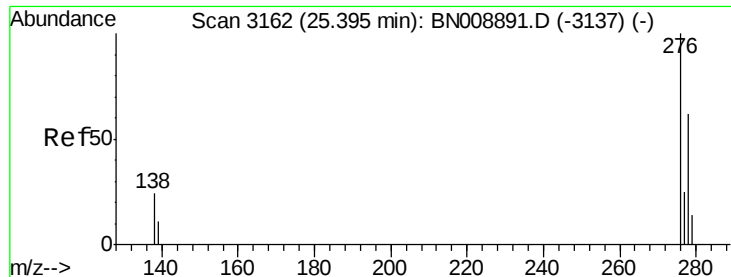


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

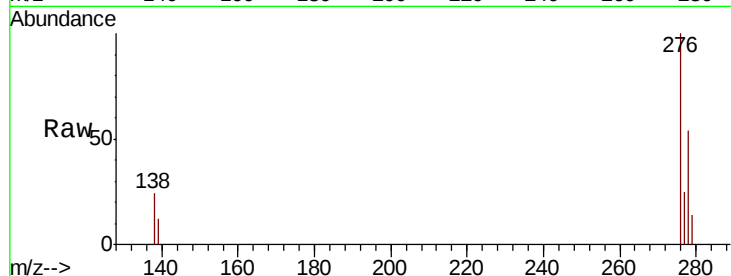




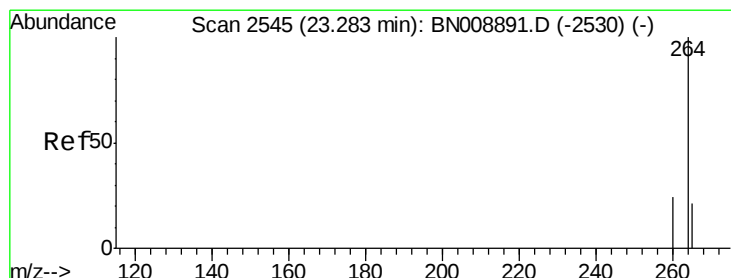
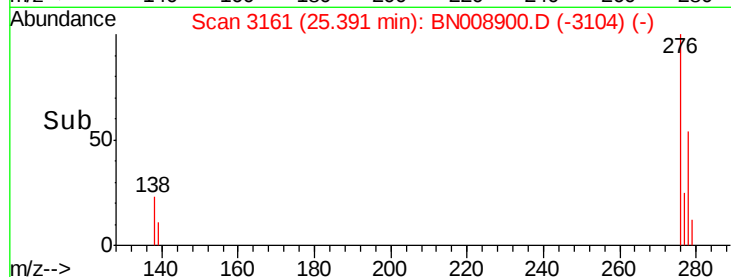
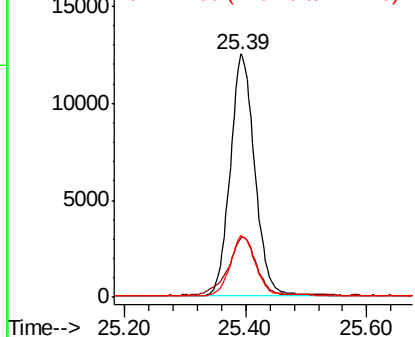
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.432 ng
 RT: 25.39 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BN008900.D
 Acq: 10 Dec 2019 11:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 35096
 Ion Ratio Lower Upper
 276 100
 138 27.2 19.9 29.9
 277 24.9 19.8 29.8

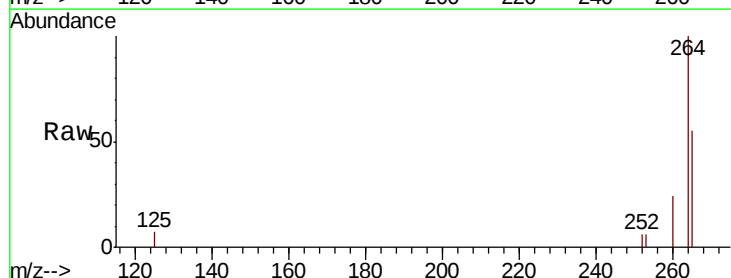


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

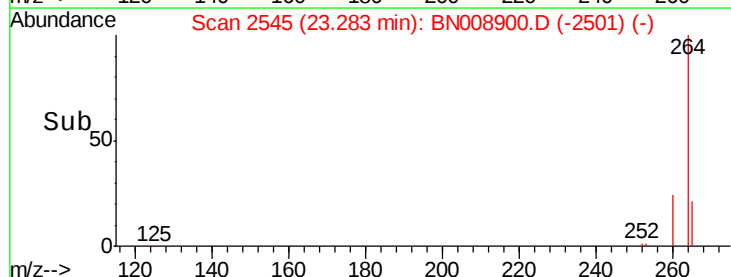
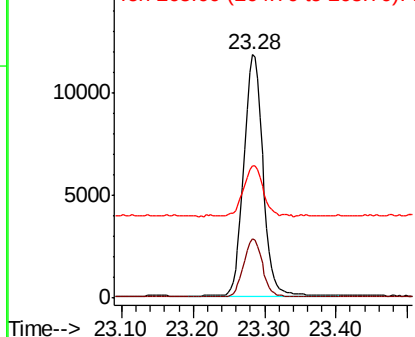


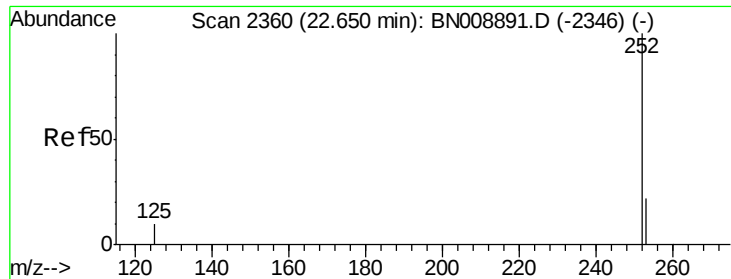
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BN008900.D
 Acq: 10 Dec 2019 11:26

Tgt Ion:264 Resp: 21916
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 54.6 47.5 71.3



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

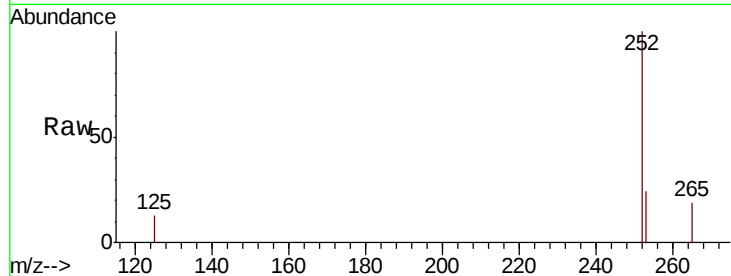




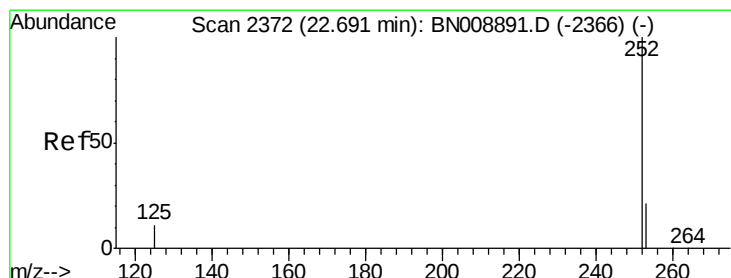
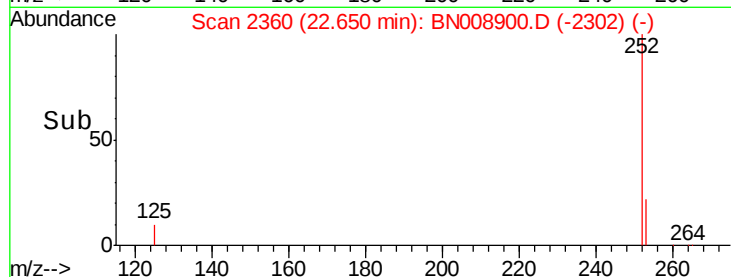
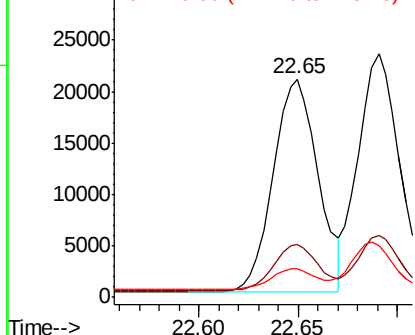
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008900.D
Acq: 10 Dec 2019 11:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 32652
Ion Ratio Lower Upper
252 100
253 24.3 19.8 29.6
125 13.1 10.8 16.2

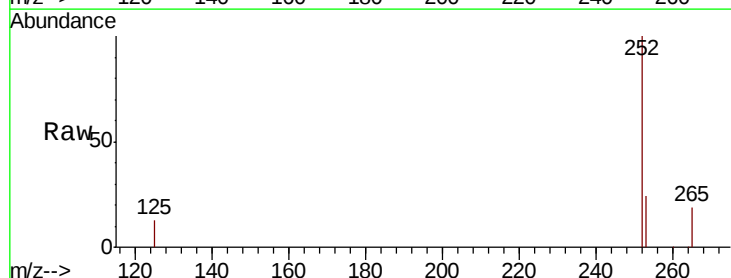


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

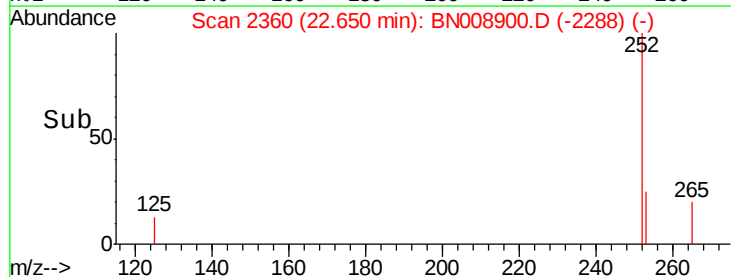
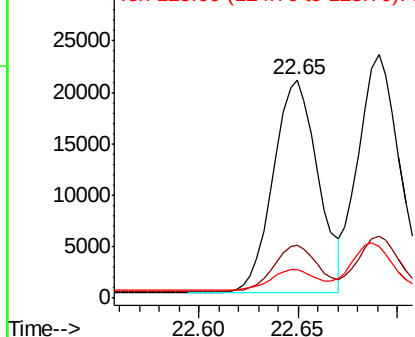


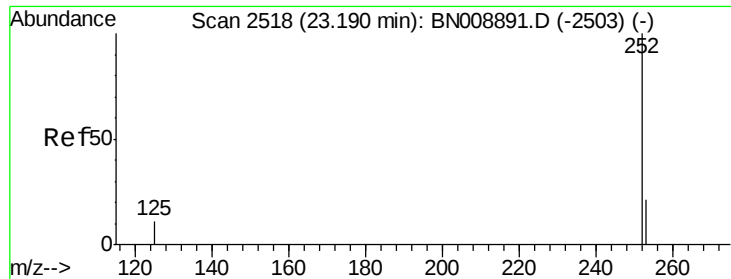
#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 22.65 min Scan# 2360
Delta R.T. -0.04 min
Lab File: BN008900.D
Acq: 10 Dec 2019 11:26

Tgt Ion:252 Resp: 32652
Ion Ratio Lower Upper
252 100
253 24.3 19.2 28.8
125 13.1 11.6 17.4



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: 0.417 ng

RT: 23.19 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :

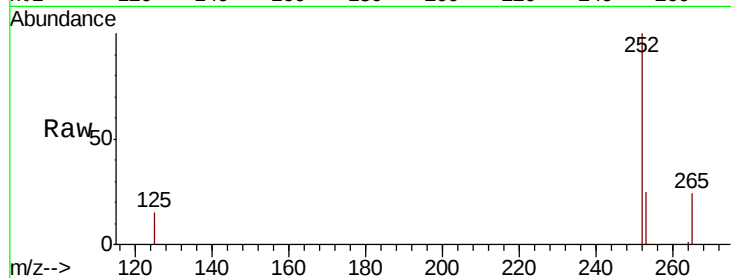
Tot Ion:252 Resp: 29417

Ion Ratio Lower Upper

252 100

253 24.8 19.9 29.9

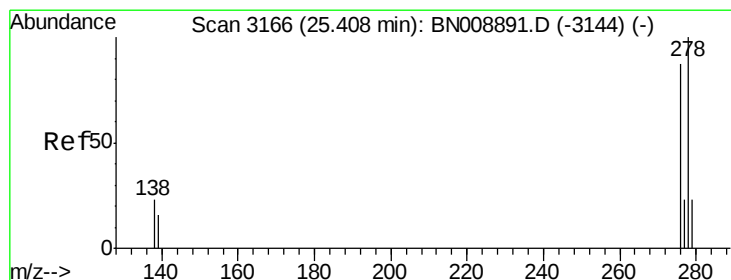
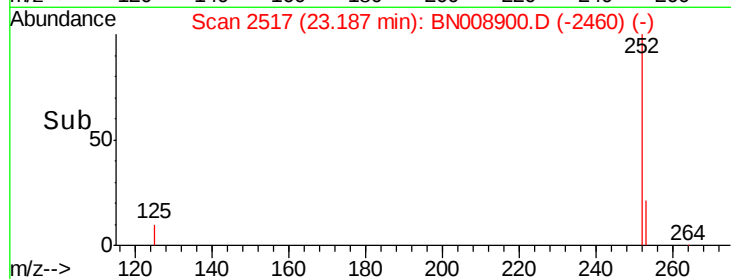
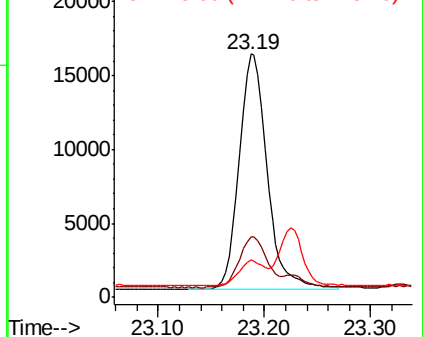
125 15.2 12.3 18.5



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: 0.426 ng

RT: 25.41 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

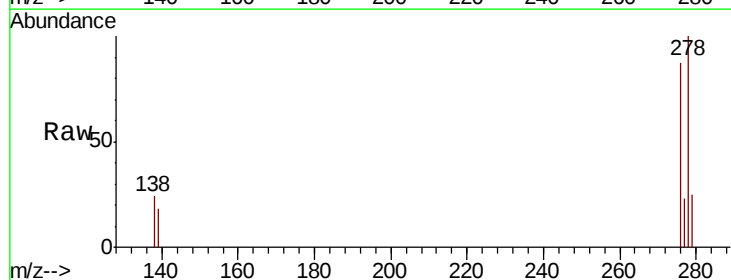
Tgt Ion:278 Resp: 28185

Ion Ratio Lower Upper

278 100

139 17.6 13.9 20.9

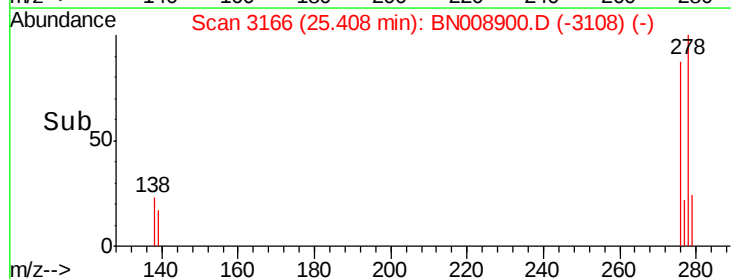
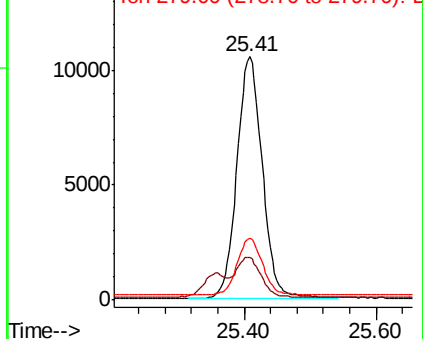
279 25.4 20.2 30.4

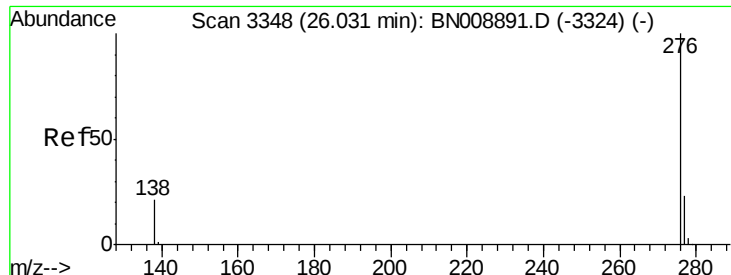


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.424 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.00 min

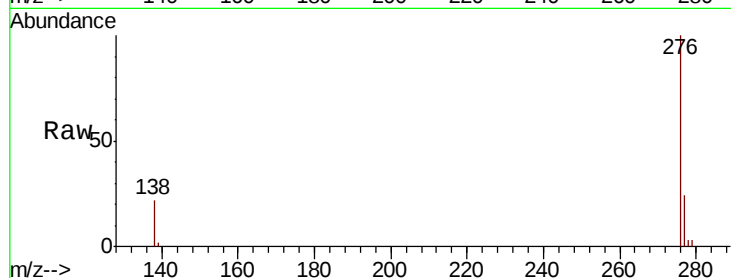
Lab File: BN008900.D

Acq: 10 Dec 2019 11:26

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 27652

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 21.9 17.8 26.6

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

