

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008889.D
 Acq On : 09 Dec 2019 12:44
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Dec 09 16:57:14 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 15:08:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3624	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	15069	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	10876	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	24607	0.40	ng	0.00
27) Chrysene-d12	21.13	240	25213	0.40	ng	0.00
34) Perylene-d12	23.29	264	27578	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	926	0.09	ng	0.00
5) Phenol-d6	6.75	99	1214	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	1245	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	2519	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	475	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	4093	0.10	ng	0.00
25) Fluoranthene-d10	18.97	212	6938	0.09	ng	0.00
29) Terphenyl-d14	19.58	244	5755	0.10	ng	0.00

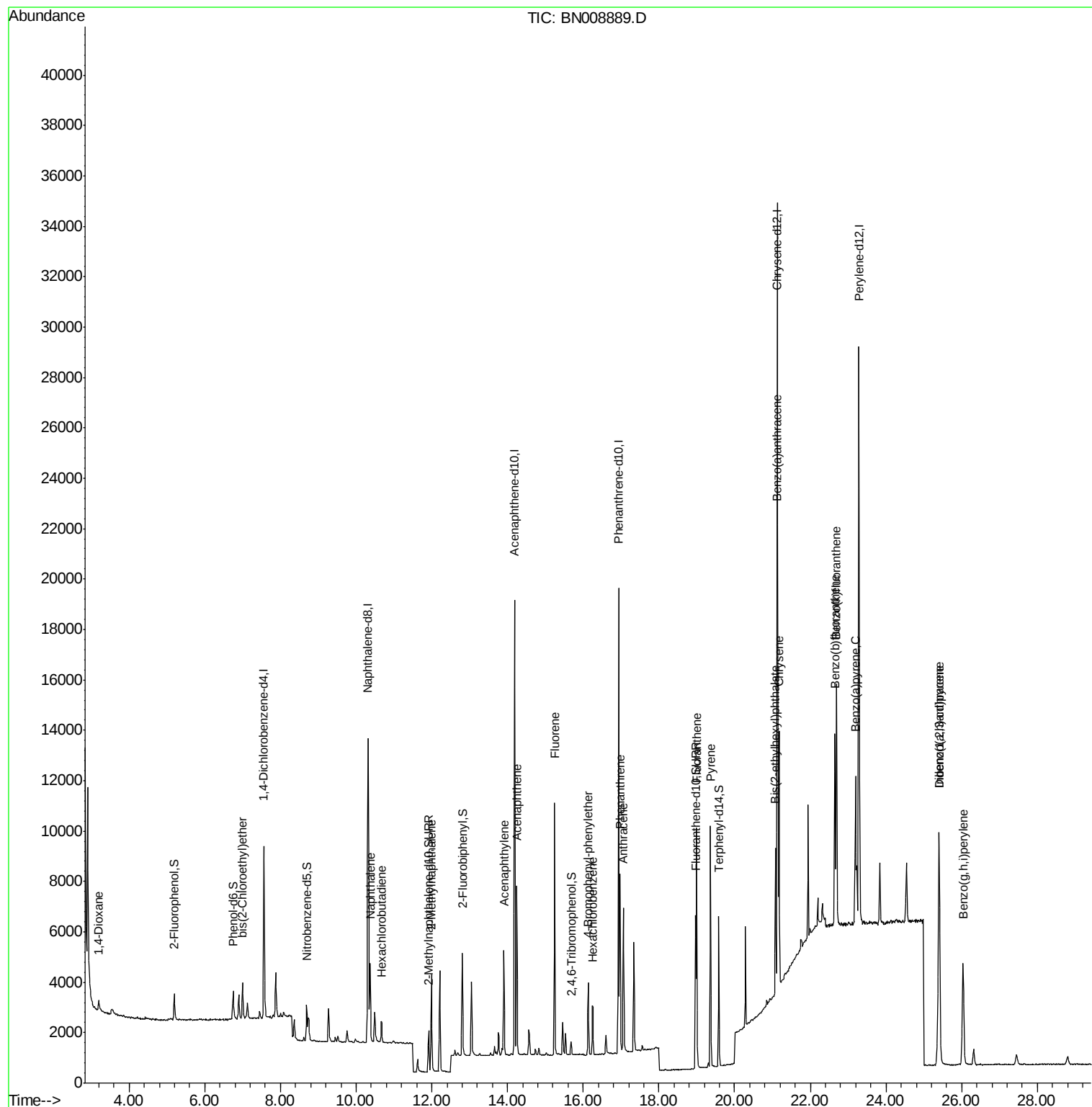
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.19	88	256	0.074	ng	90
6) bis(2-Chloroethyl)ether	7.00	93	1156	0.096	ng	99
9) Naphthalene	10.37	128	4026	0.100	ng	96
10) Hexachlorobutadiene	10.67	225	800	0.101	ng	# 96
12) 2-Methylnaphthalene	11.99	142	2995	0.101	ng	99
16) Acenaphthylene	13.90	152	4557	0.090	ng	99
17) Acenaphthene	14.25	154	3218	0.100	ng	98
18) Fluorene	15.24	166	4293	0.101	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	1404	0.097	ng	95
21) Hexachlorobenzene	16.25	284	1669	0.100	ng	98
23) Phenanthrene	16.97	178	7498	0.100	ng	99
24) Anthracene	17.06	178	6210	0.090	ng	99
26) Fluoranthene	19.00	202	8475	0.094	ng	100
28) Pyrene	19.36	202	8746	0.099	ng	99
30) Benzo(a)anthracene	21.12	228	8474	0.093	ng	99
31) Chrysene	21.17	228	9054	0.102	ng	98
32) Bis(2-ethylhexyl)phthalate	21.08	149	4902	0.081	ng	99
33) Indeno(1,2,3-cd)pyrene	25.39	276	10121	0.093	ng	95
35) Benzo(b)fluoranthene	22.65	252	9087	0.099	ng	# 84
36) Benzo(k)fluoranthene	22.69	252	9830	0.109	ng	# 73
37) Benzo(a)pyrene	23.19	252	8448	0.098	ng	# 79
38) Dibenzo(a,h)anthracene	25.41	278	8173	0.093	ng	# 92
39) Benzo(g,h,i)perylene	26.03	276	8151	0.091	ng	94

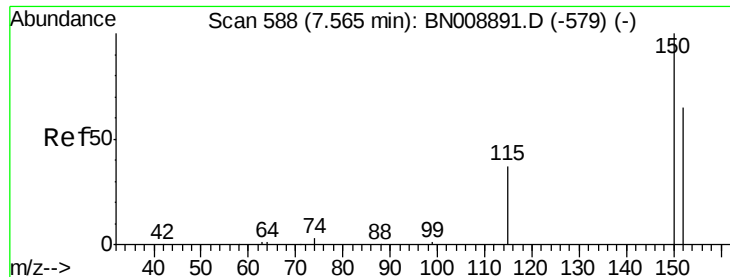
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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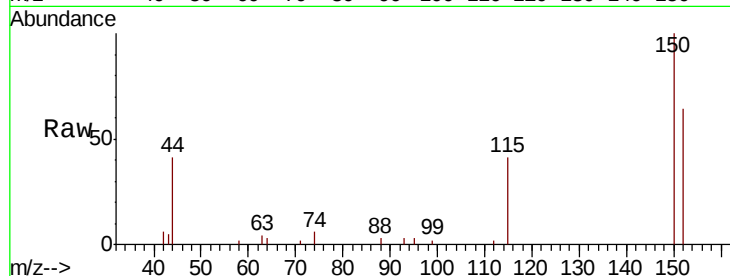


#1

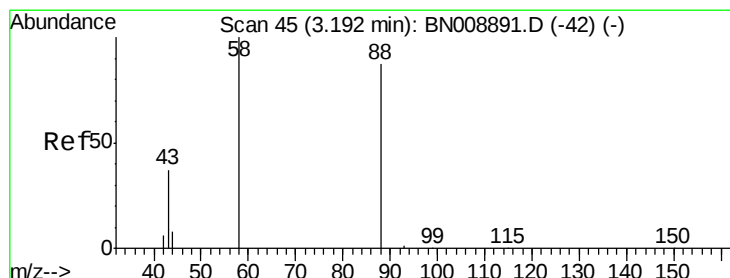
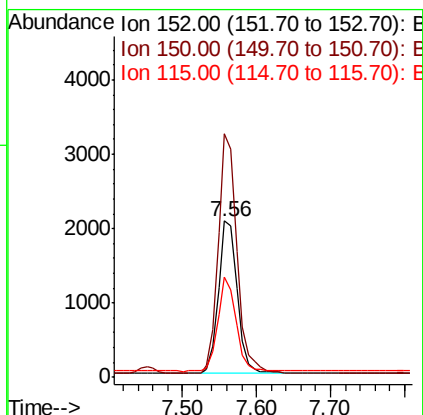
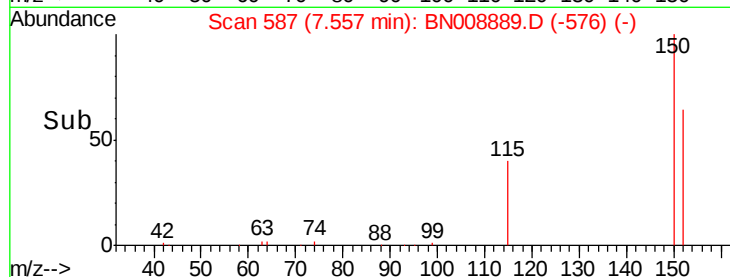
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.01 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 3624
Ion Ratio Lower Upper
152 100
150 155.8 122.3 183.5
115 64.5 48.4 72.6



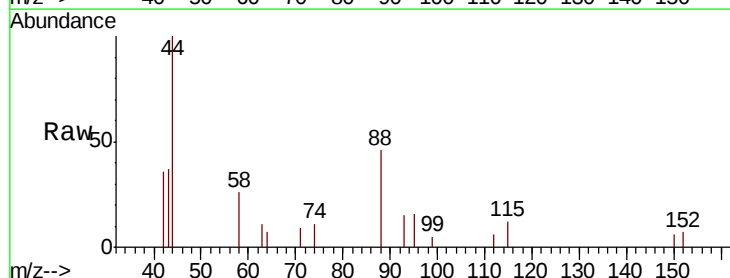
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



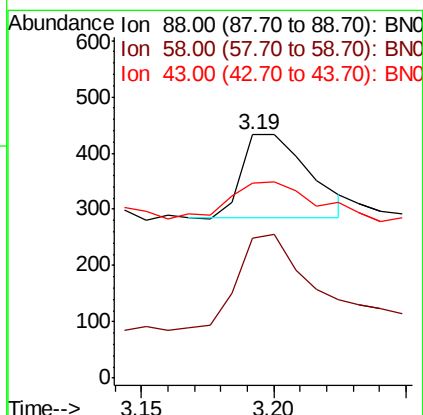
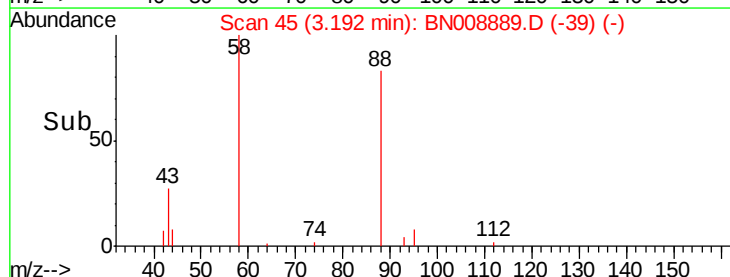
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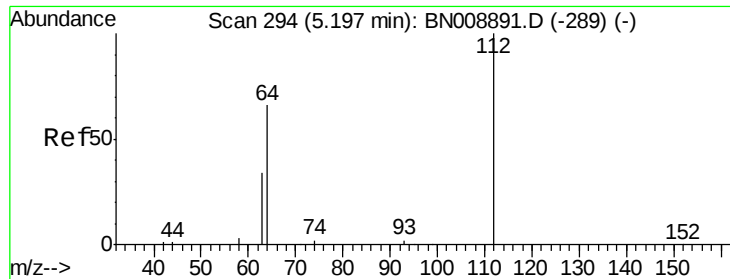
1,4-Dioxane
Concen: 0.074 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
58 120.7 88.6 132.8
43 47.3 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





#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

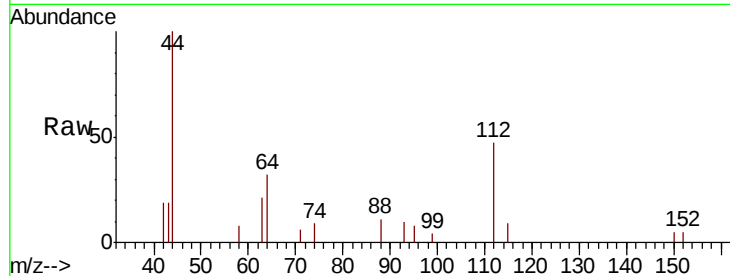
Tot Ion: 112 Resp: 926

Ion Ratio Lower Upper

112 100

64 69.8 57.7 86.5

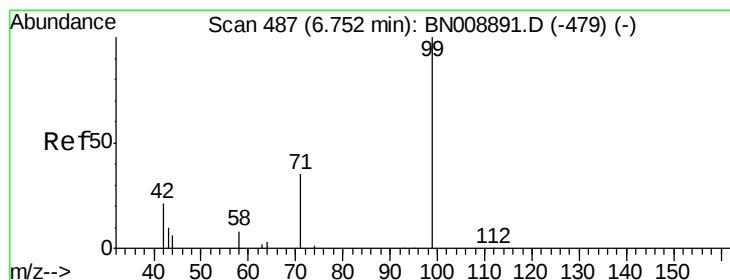
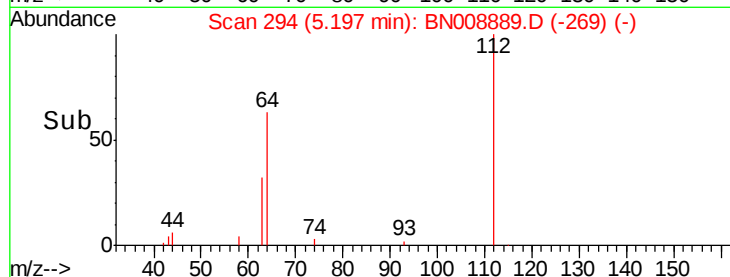
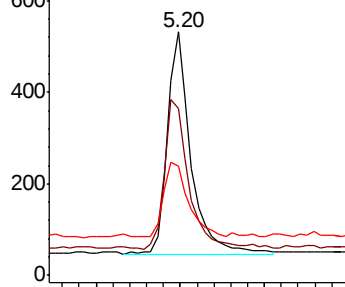
63 35.7 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

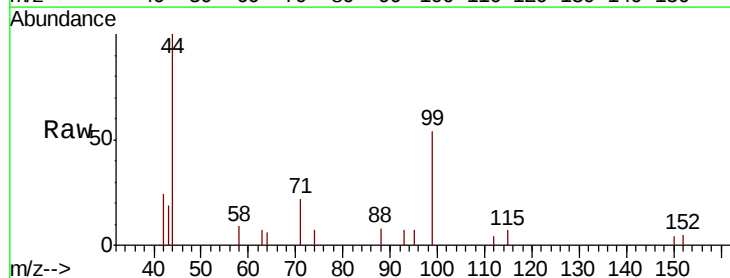
Tgt Ion: 99 Resp: 1214

Ion Ratio Lower Upper

99 100

42 28.4 20.1 30.1

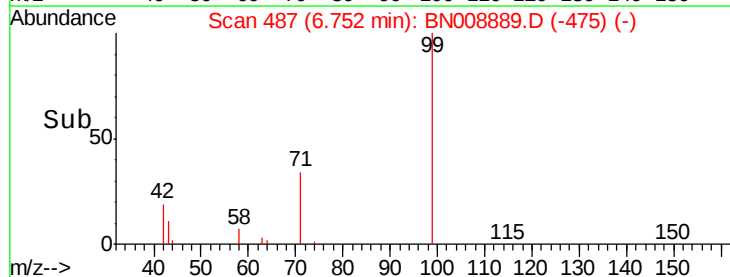
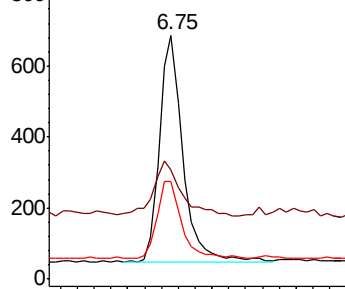
71 36.2 28.2 42.2

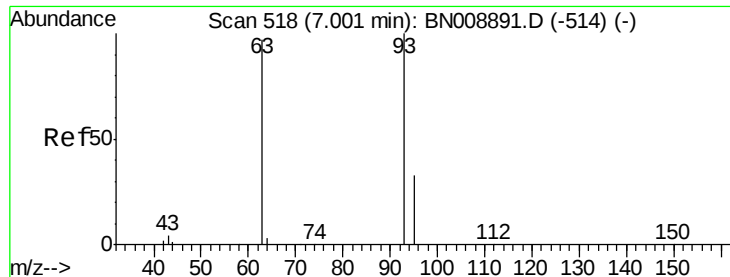


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



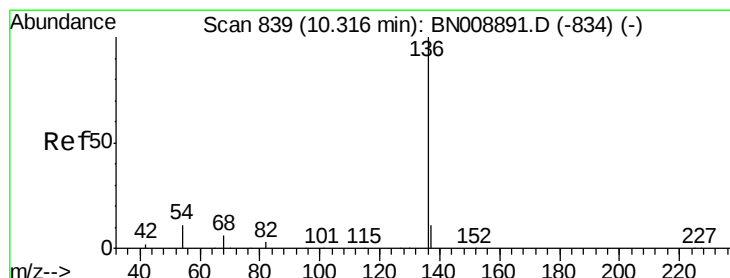
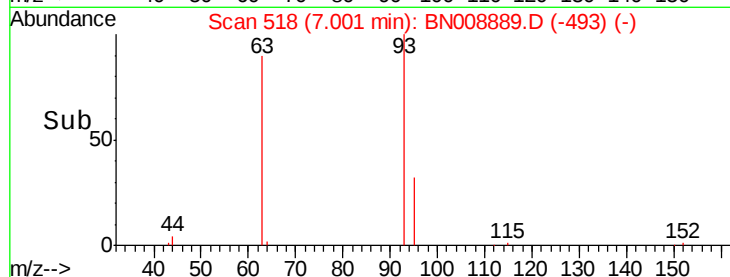
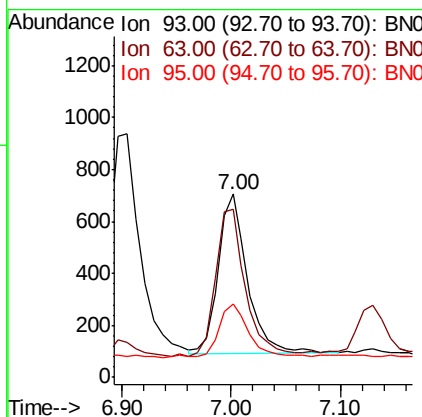
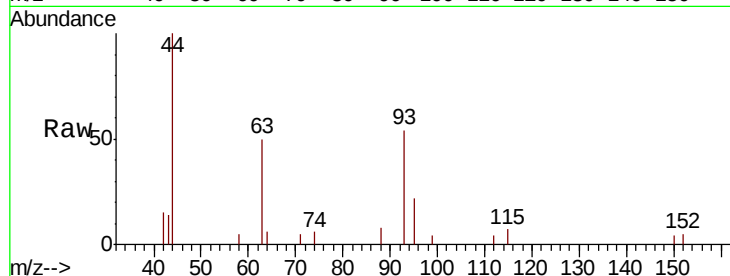


#6

bis(2-Chloroethyl)ether
 Concen: 0.096 ng
 RT: 7.00 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

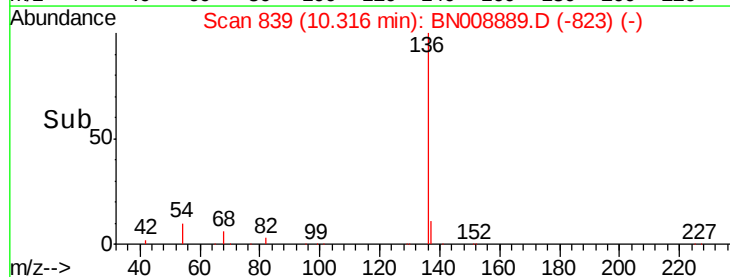
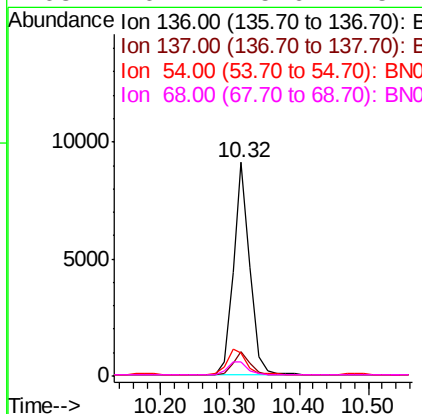
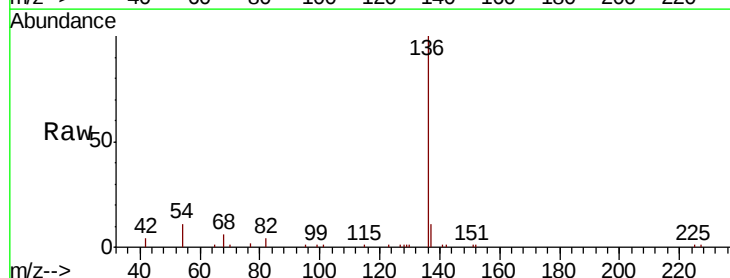
Tot Ion:	93	Resp:	1156
Ion	Ratio	Lower	Upper
93	100		
63	93.4	73.5	110.3
95	32.2	26.0	39.0

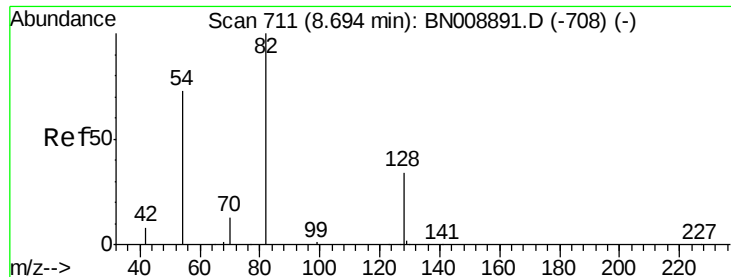


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.32 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Tgt Ion:	136	Resp:	15069
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.8	9.6	14.4
68	6.4	5.6	8.4





#8

Nitrobenzene-d5

Concen: 0.094 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

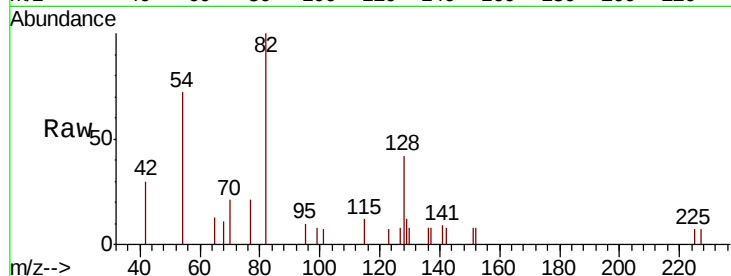
Tot Ion: 82 Resp: 1245

Ion Ratio Lower Upper

82 100

128 41.5 29.1 43.7

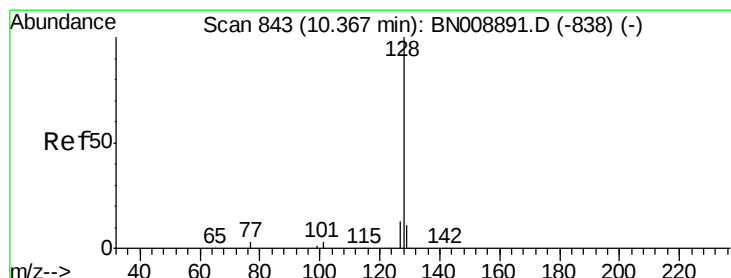
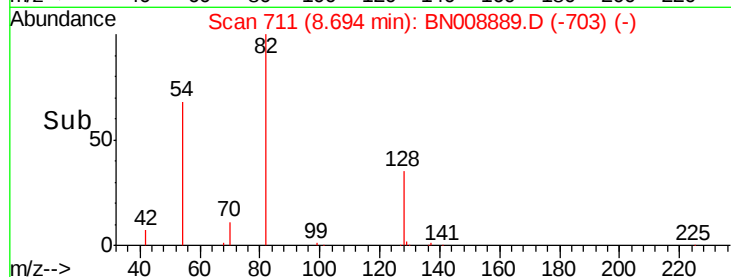
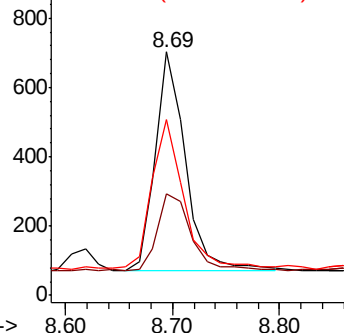
54 72.1 59.7 89.5



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.100 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

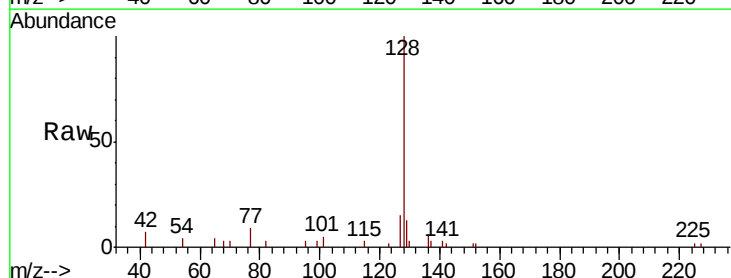
Tgt Ion:128 Resp: 4026

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.0

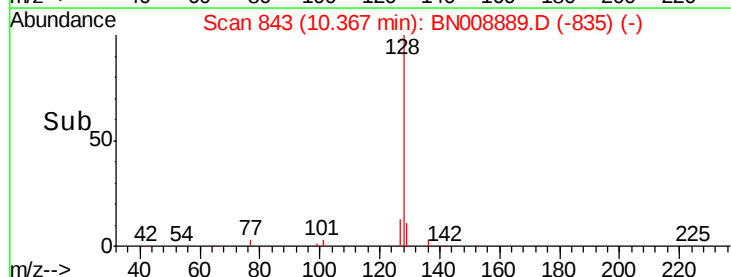
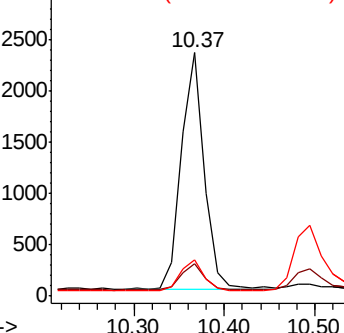
127 15.1 10.8 16.2

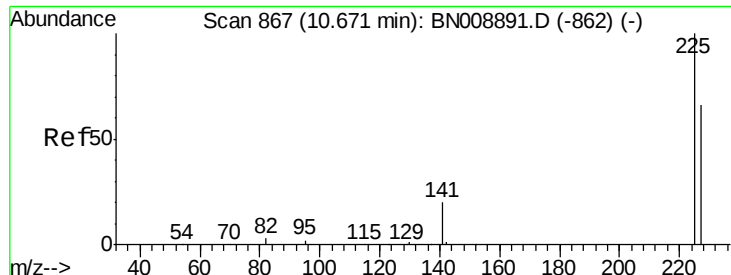


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

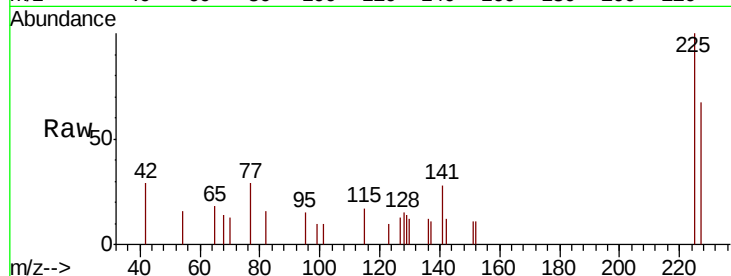




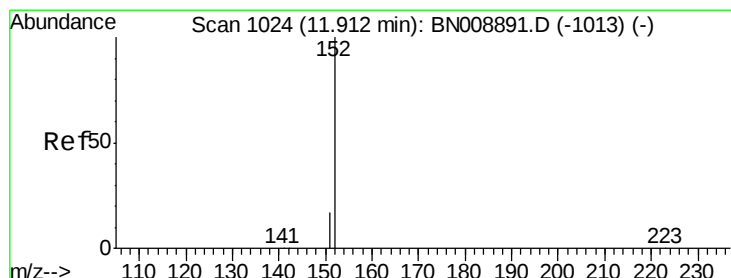
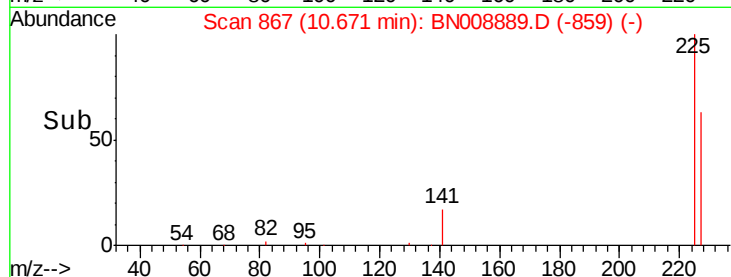
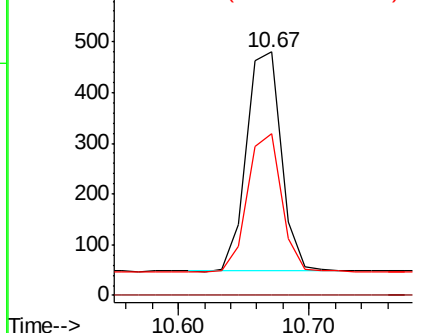
#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 800
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 61.4 51.4 77.2

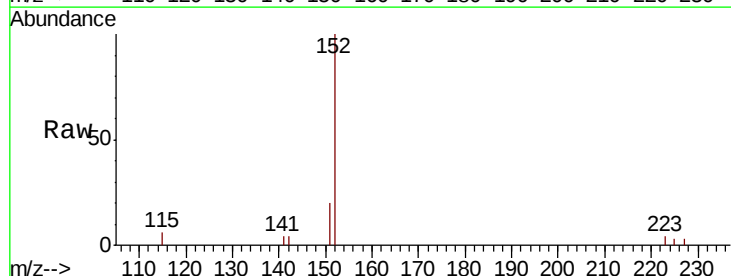


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

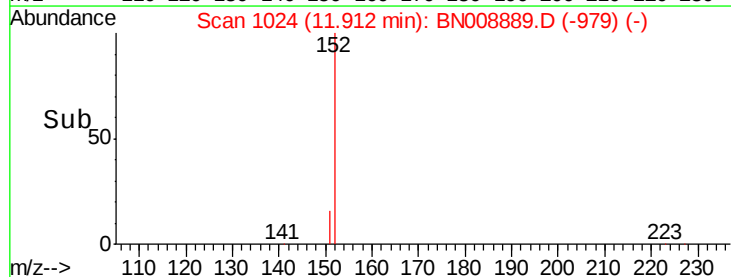
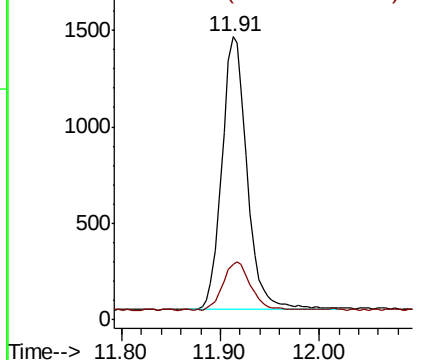


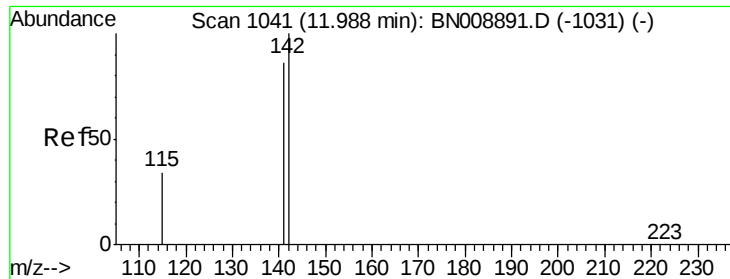
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:152 Resp: 2519
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

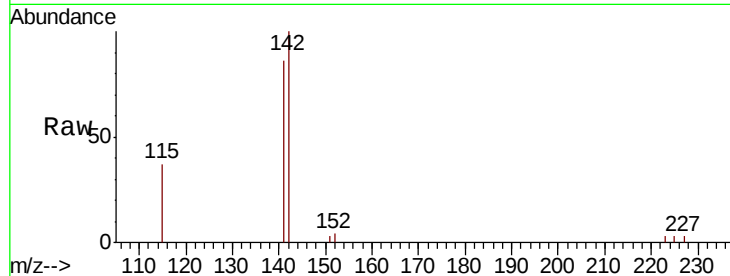




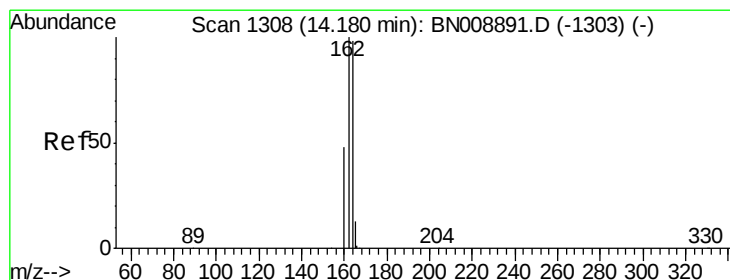
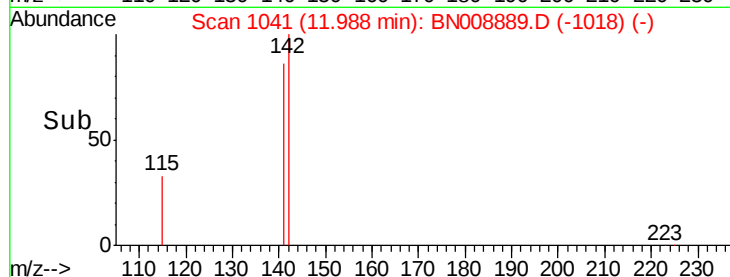
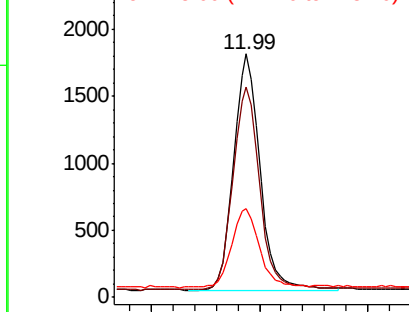
#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:142 Resp: 2995
Ion Ratio Lower Upper
142 100
141 86.2 69.3 103.9
115 36.7 27.9 41.9

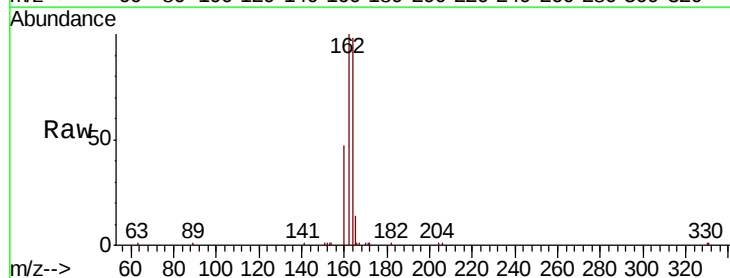


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

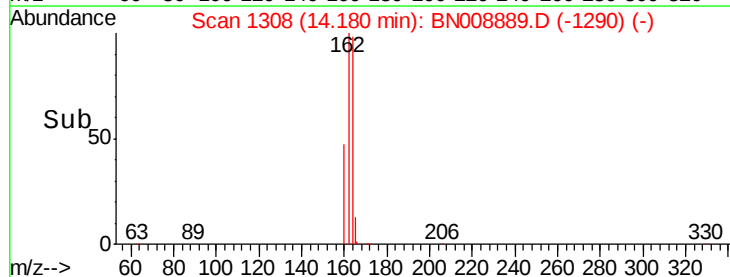
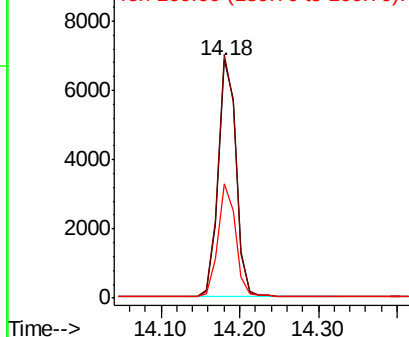


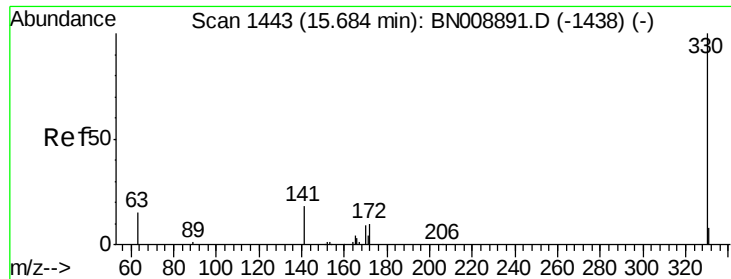
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:164 Resp: 10876
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 48.0 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

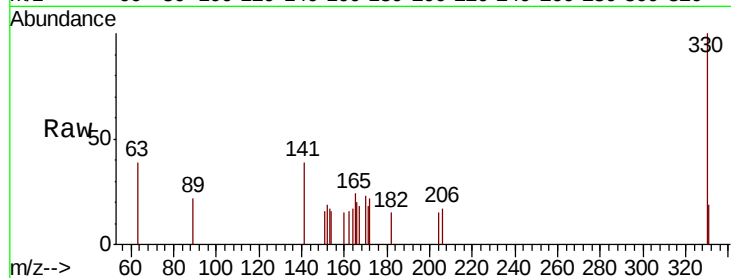




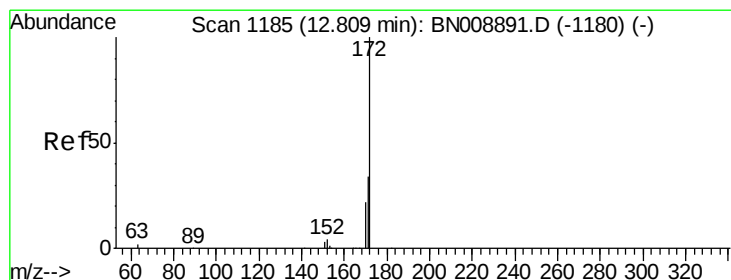
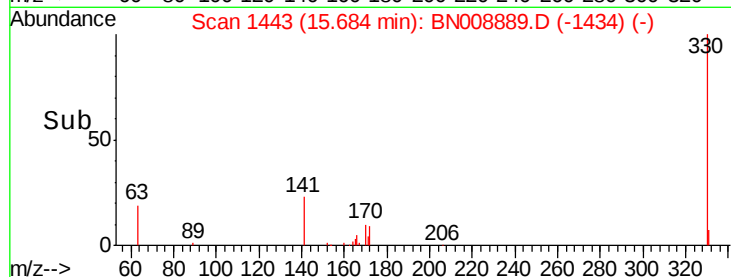
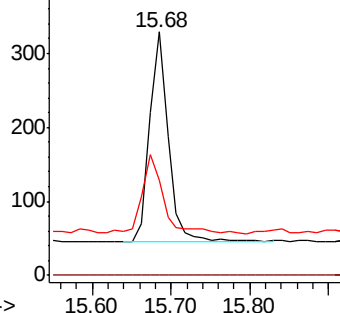
#14
 2,4,6-Tribromophenol
 Concen: 0.080 ng
 RT: 15.68 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:330 Resp: 475
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.2 29.6 44.4

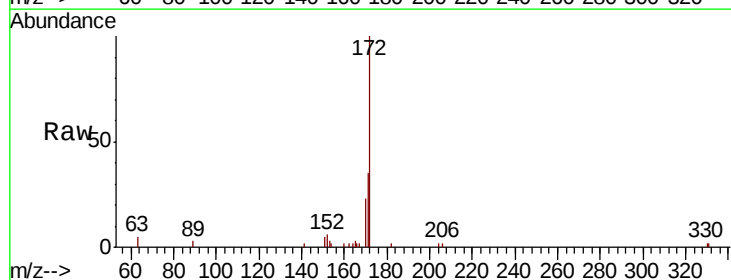


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

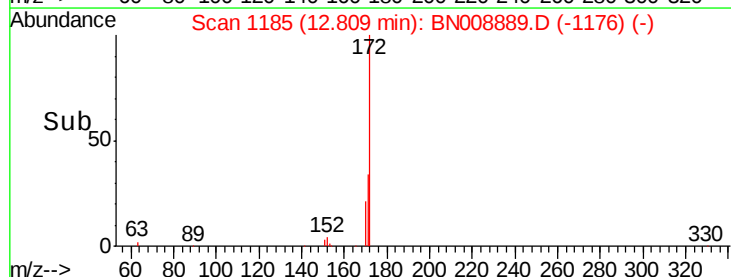
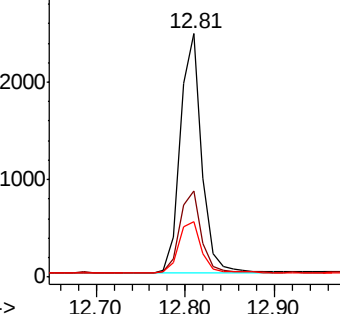


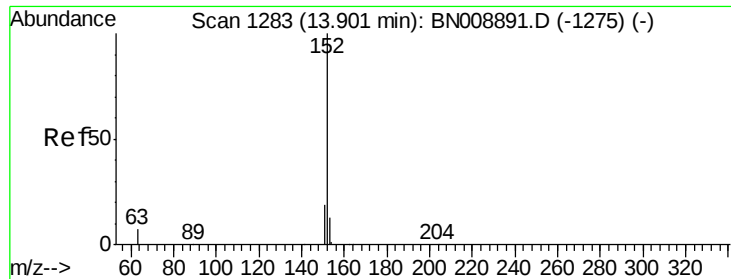
#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 12.81 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Tgt Ion:172 Resp: 4093
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.1 40.7
 170 22.7 17.7 26.5



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: 0.090 ng

RT: 13.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

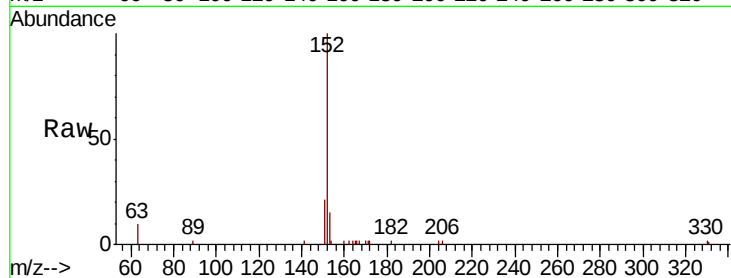
Tot Ion:152 Resp: 4557

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9

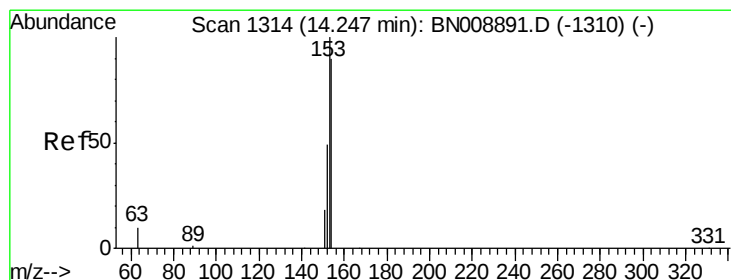
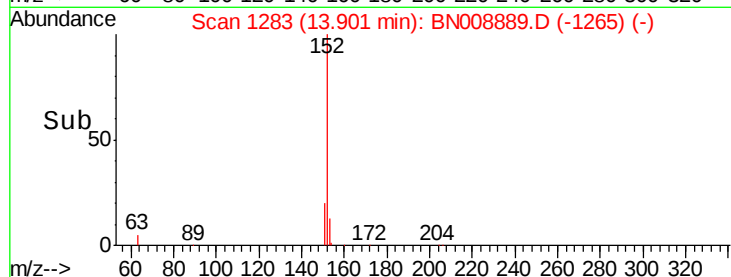
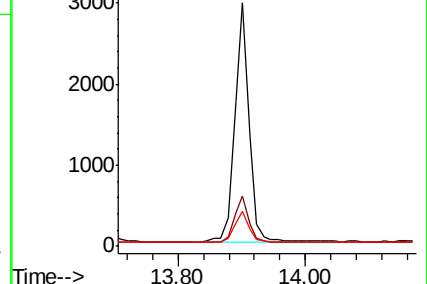
153 13.0 10.3 15.5



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: 0.100 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

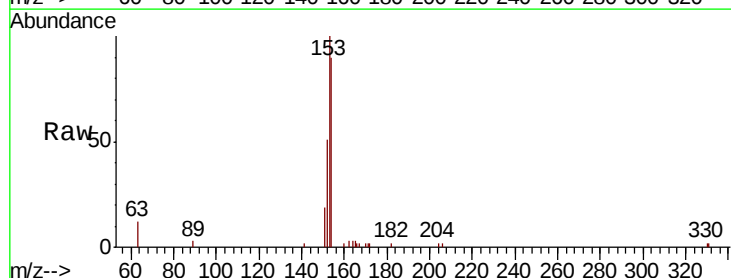
Tgt Ion:154 Resp: 3218

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

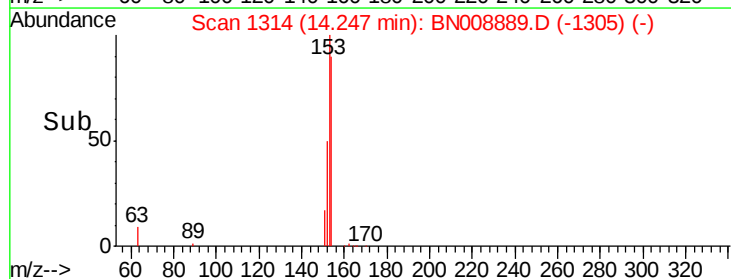
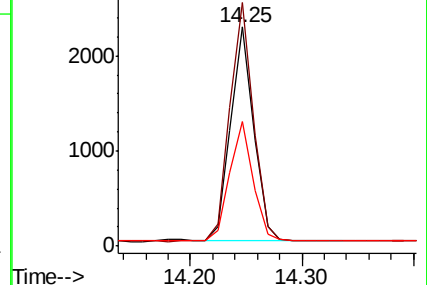
152 56.1 44.2 66.4

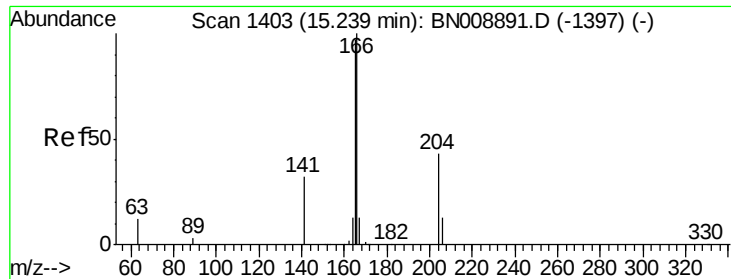


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.101 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

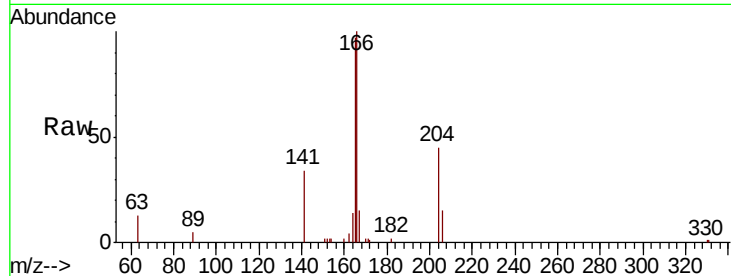
Tot Ion:166 Resp: 4293

Ion Ratio Lower Upper

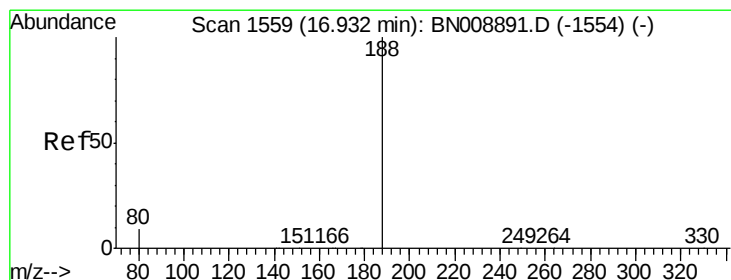
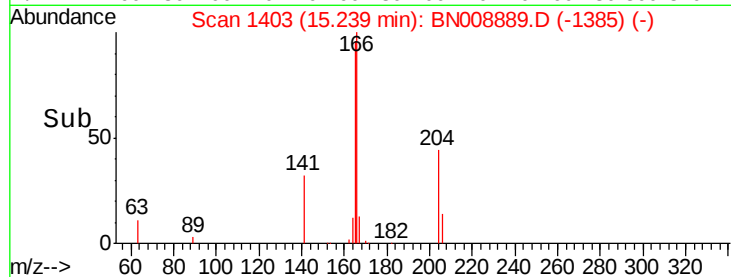
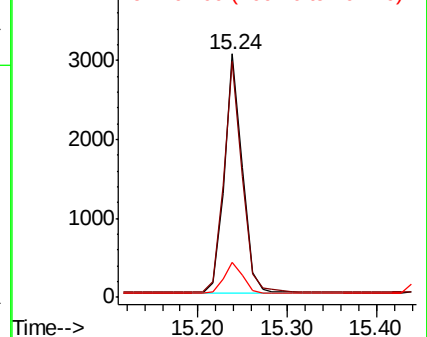
166 100

165 97.9 77.3 115.9

167 13.9 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: BN008889.D

Acq: 09 Dec 2019 12:44

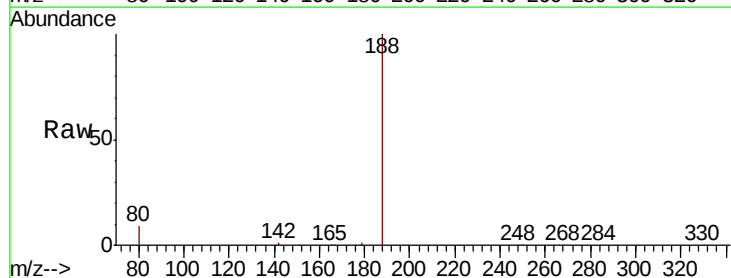
Tgt Ion:188 Resp: 24607

Ion Ratio Lower Upper

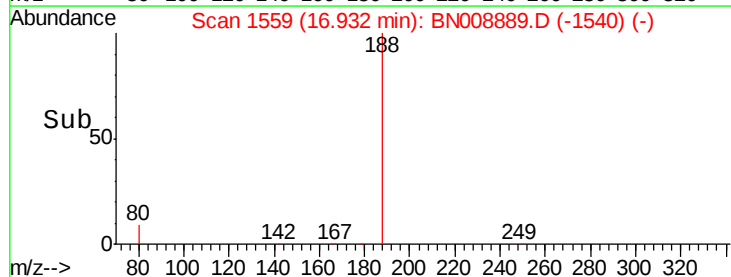
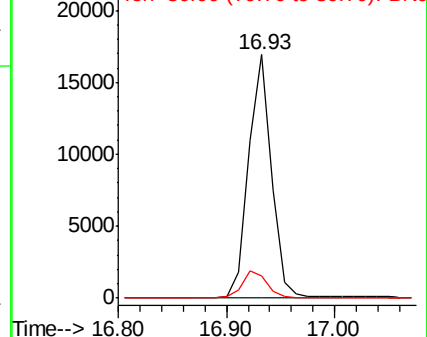
188 100

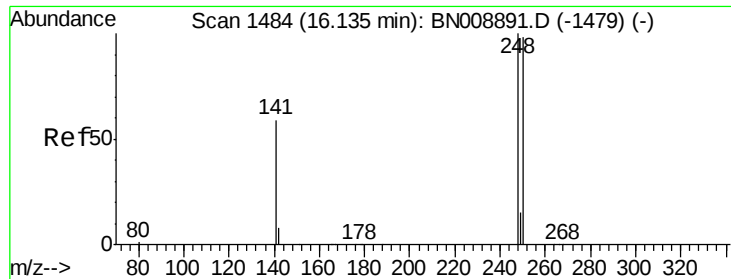
94 0.0 0.0 0.0

80 9.3 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

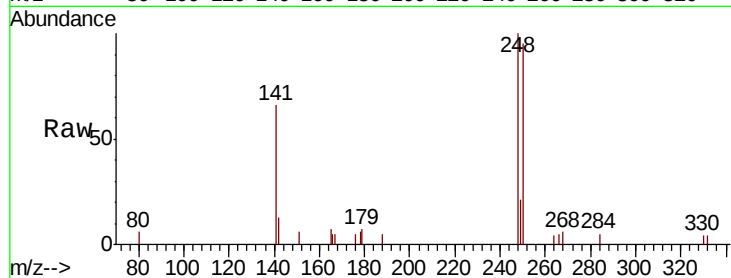




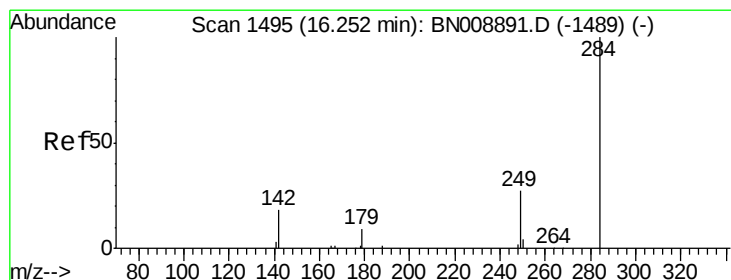
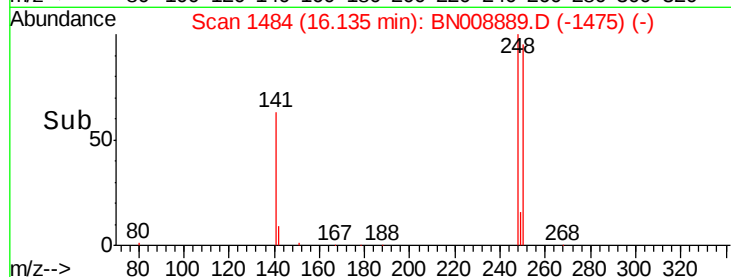
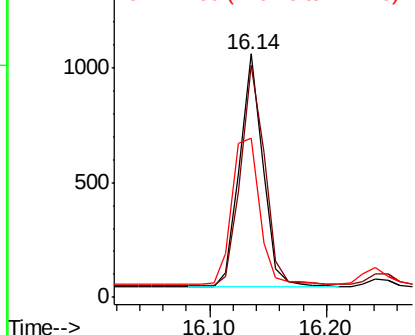
#20
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 1404
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 65.5 47.9 71.9

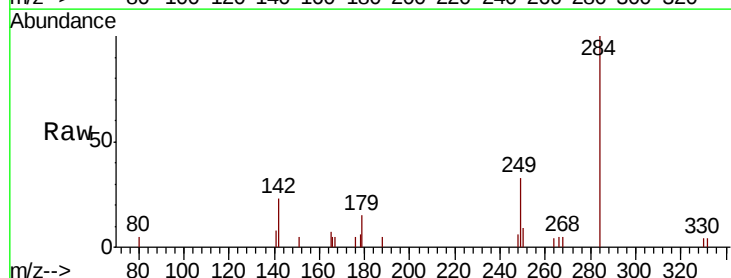


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

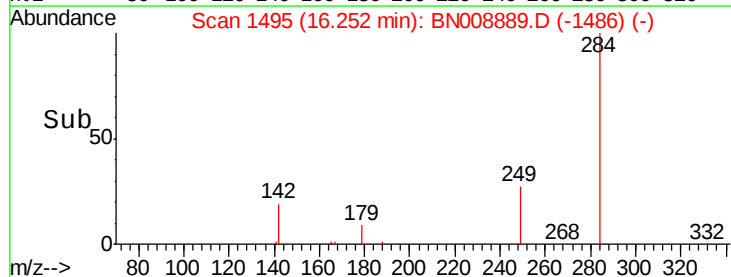
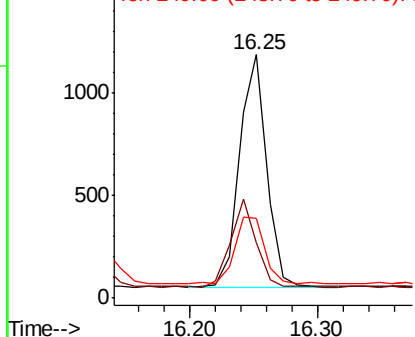


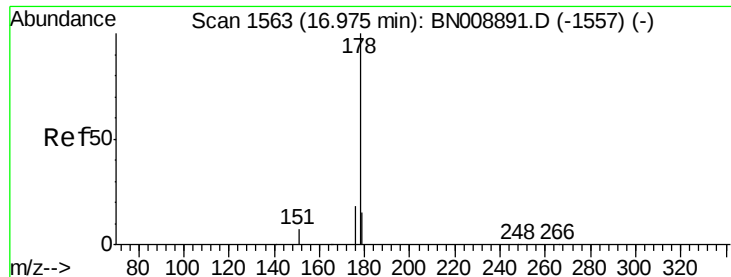
#21
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:284 Resp: 1669
Ion Ratio Lower Upper
284 100
142 36.5 27.8 41.6
249 32.0 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





#23

Phenanthrene

Concen: 0.100 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

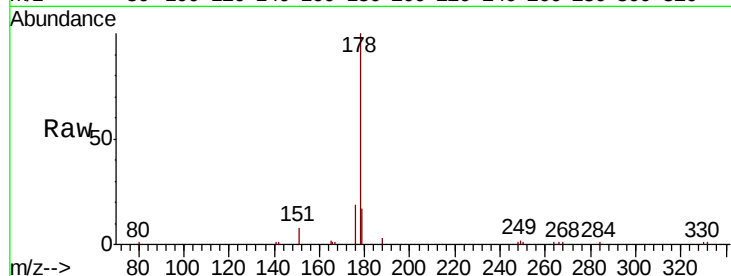
Tot Ion:178 Resp: 7498

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

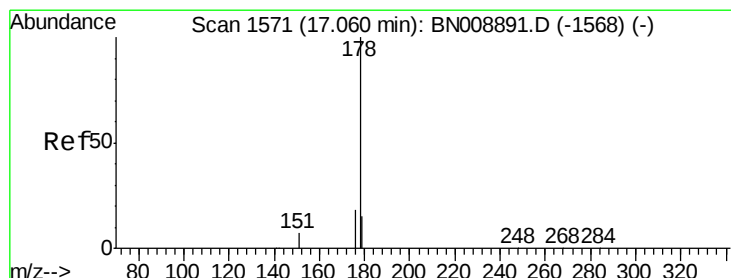
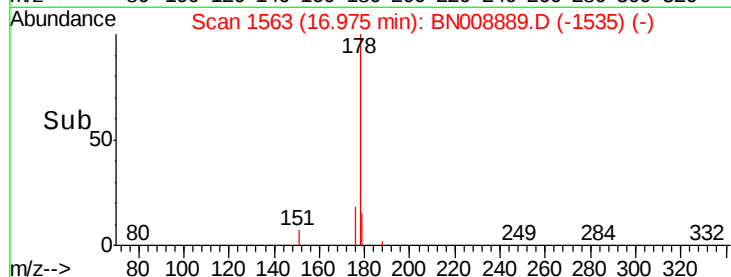
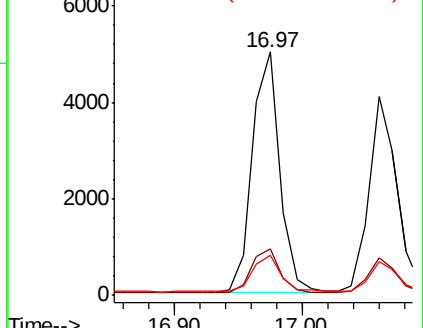
179 16.1 12.3 18.5



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: 0.090 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

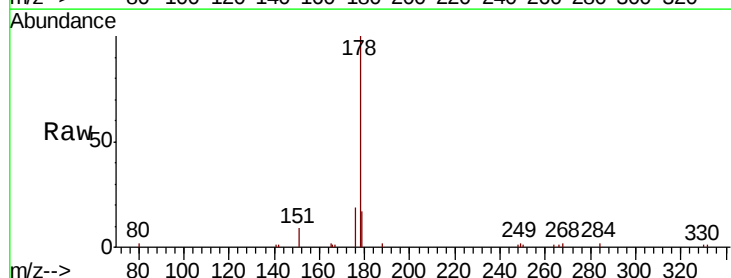
Tgt Ion:178 Resp: 6210

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

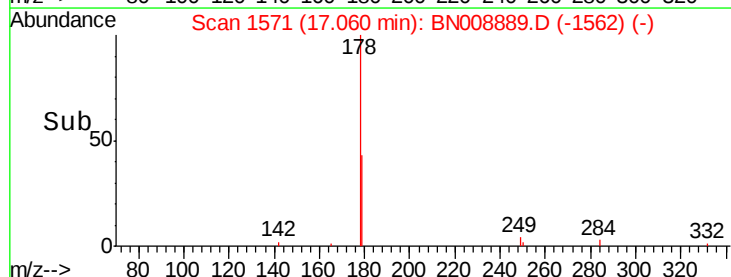
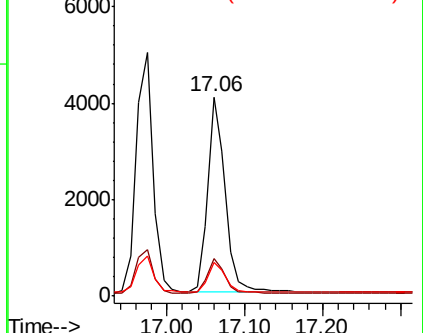
179 15.9 12.1 18.1

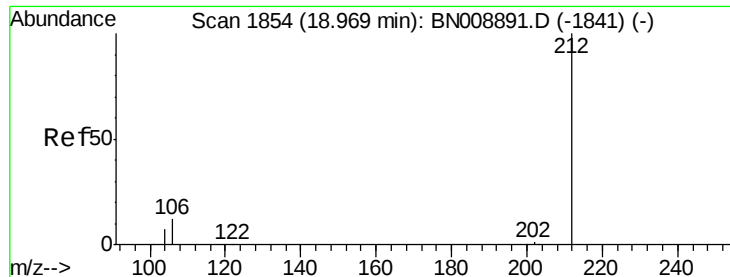


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.093 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

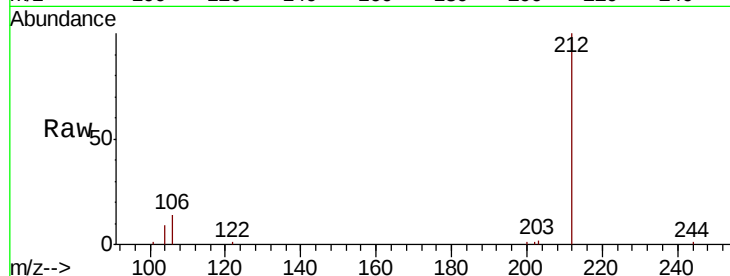
Tot Ion:212 Resp: 6938

Ion Ratio Lower Upper

212 100

106 13.0 10.4 15.6

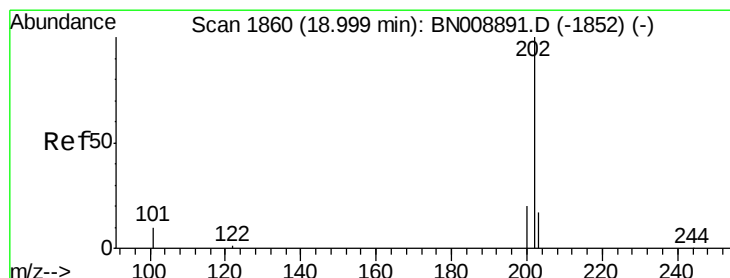
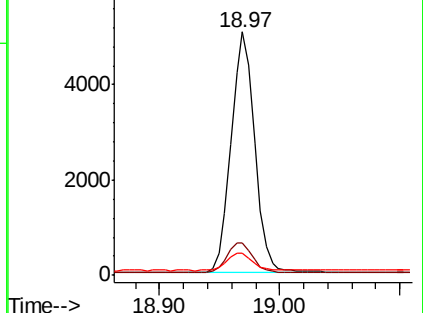
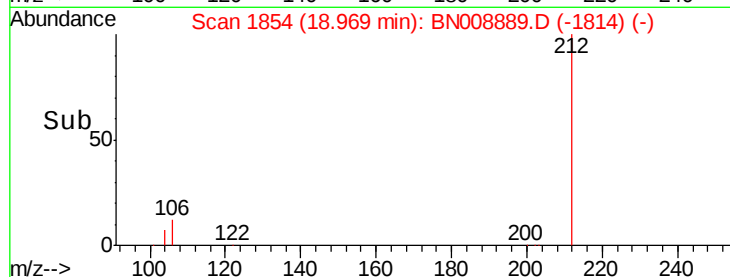
104 7.7 5.9 8.9



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: 0.094 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

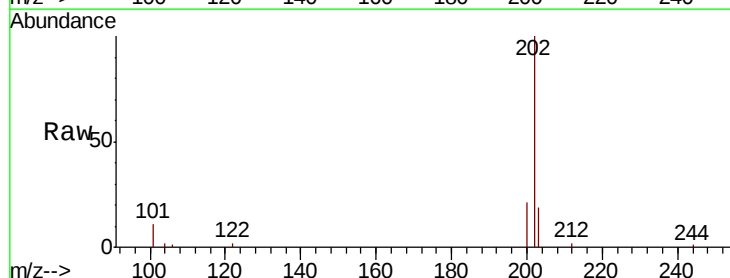
Tgt Ion:202 Resp: 8475

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

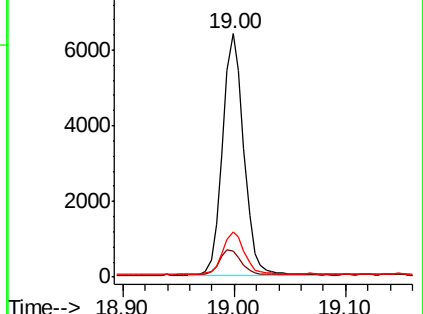
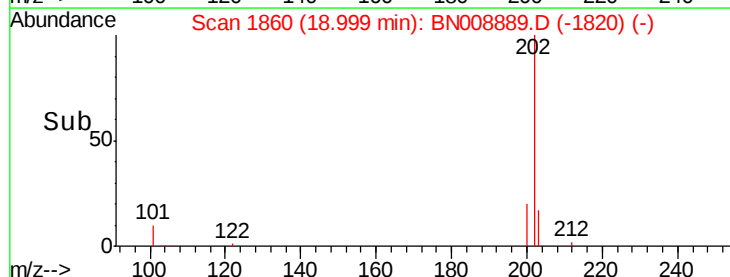
203 17.3 13.8 20.6

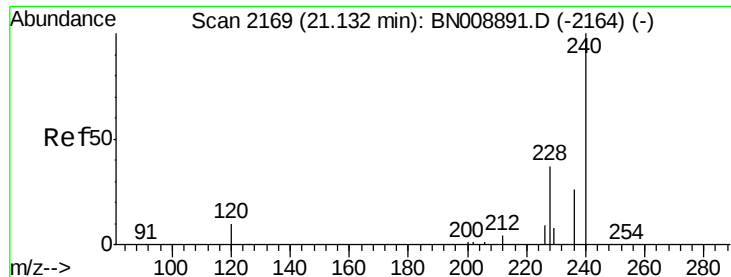


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

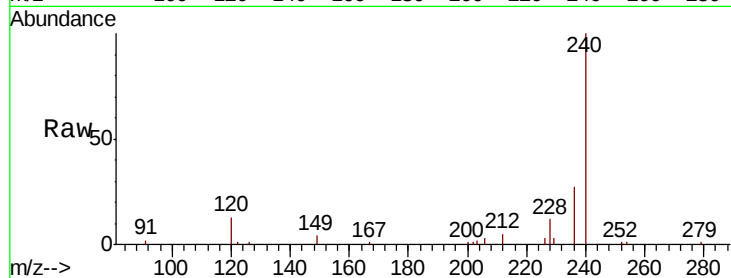




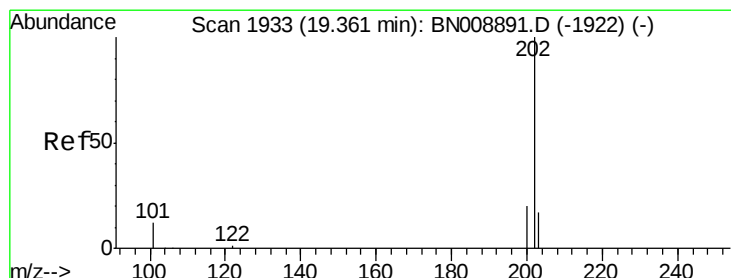
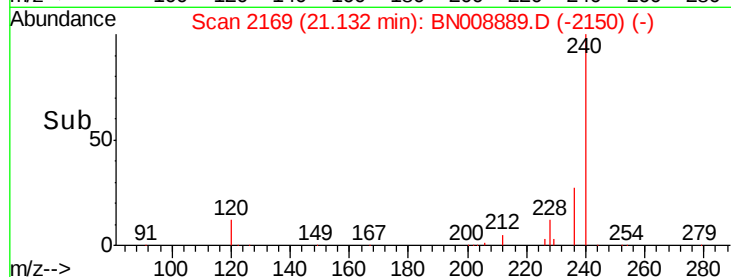
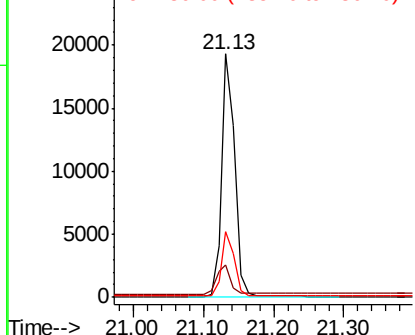
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:240 Resp: 25213
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.1 13.7
 236 27.0 21.5 32.3

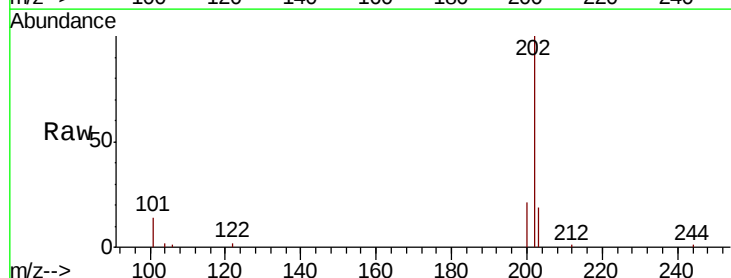


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

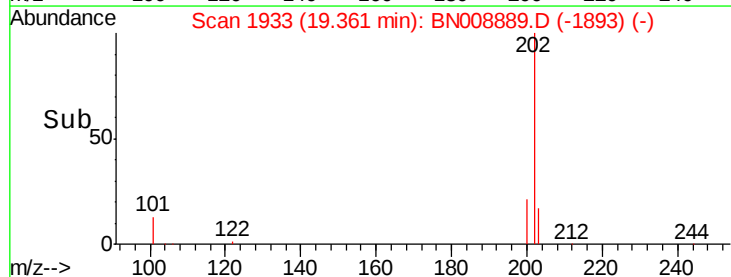
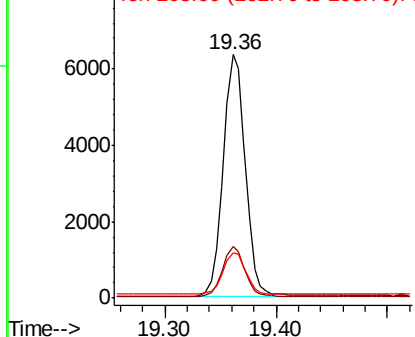


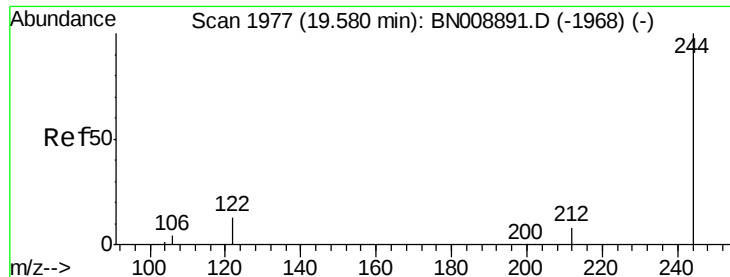
#28
 Pyrene
 Concen: 0.099 ng
 RT: 19.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Tgt Ion:202 Resp: 8746
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.1 24.1
 203 17.7 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: 0.099 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

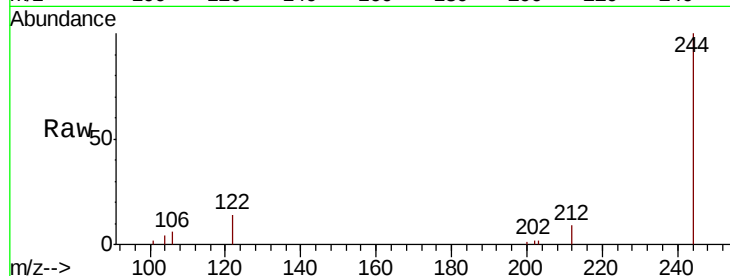
Tot Ion:244 Resp: 5755

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

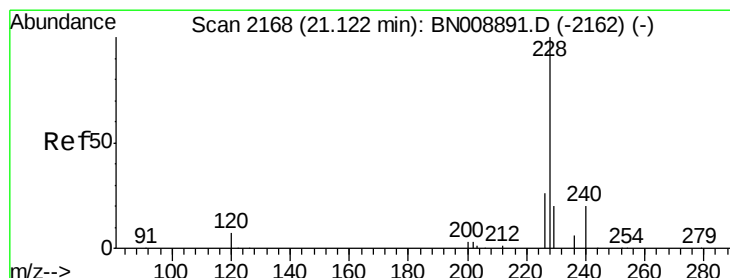
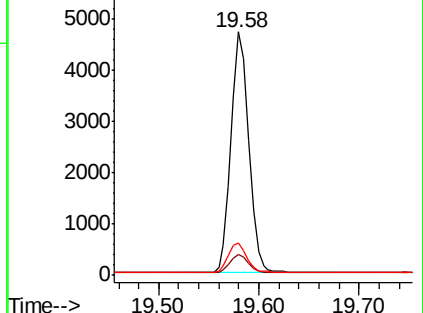
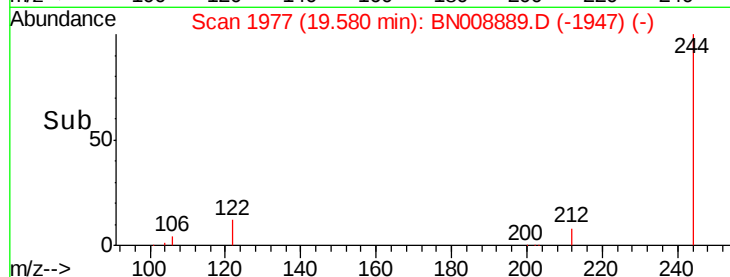
122 13.6 10.4 15.6



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: 0.093 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

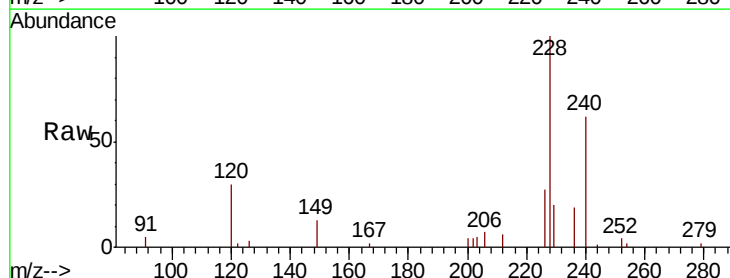
Tgt Ion:228 Resp: 8474

Ion Ratio Lower Upper

228 100

226 26.7 20.6 30.8

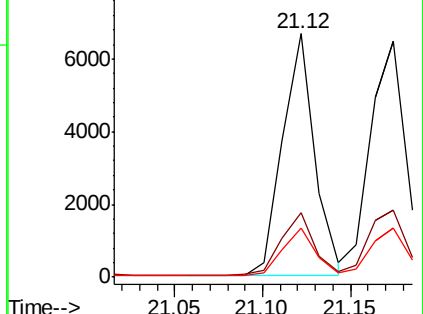
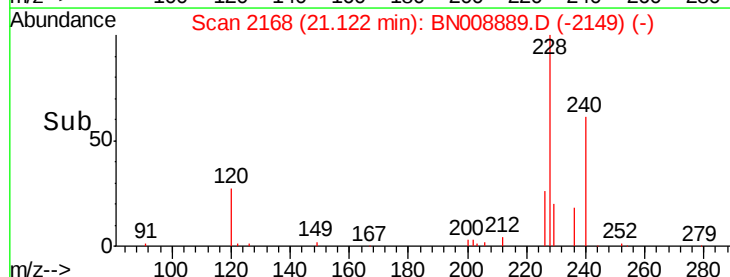
229 20.3 15.9 23.9

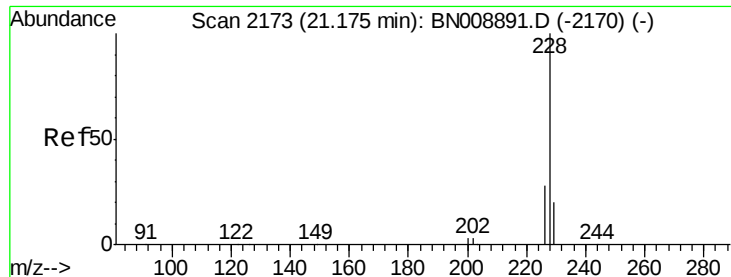


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.102 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

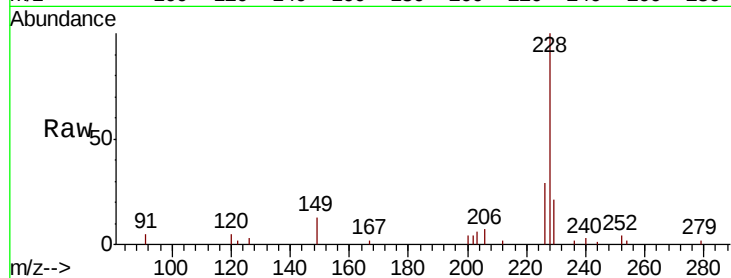
Tot Ion:228 Resp: 9054

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

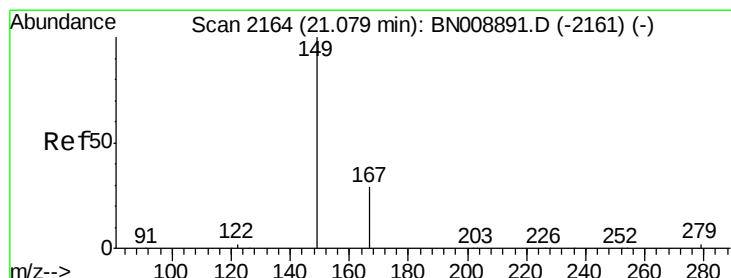
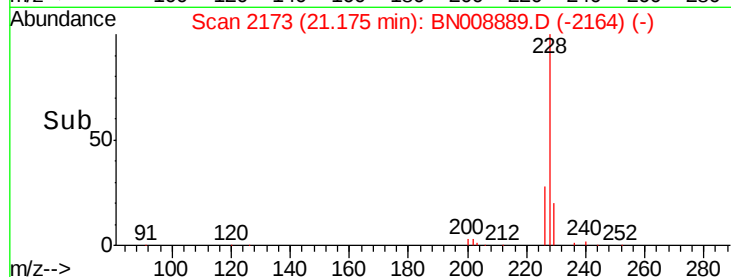
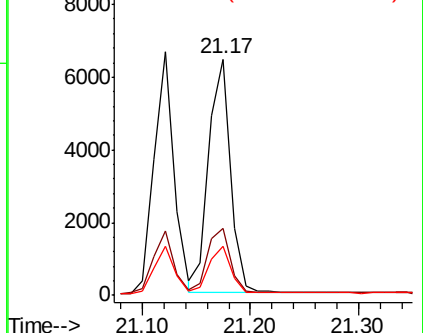
229 20.7 15.9 23.9



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: 0.081 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

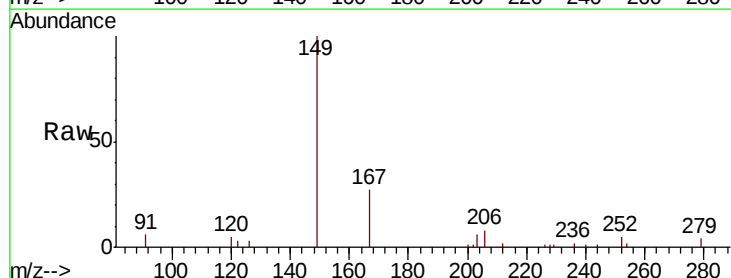
Tgt Ion:149 Resp: 4902

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

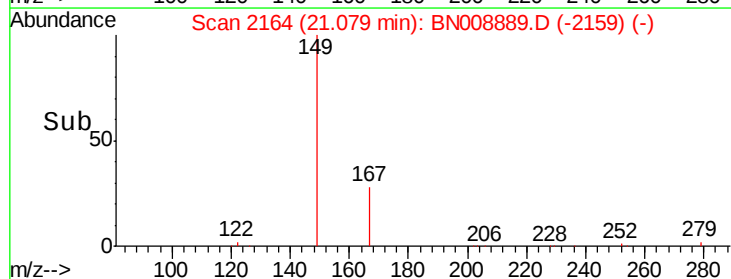
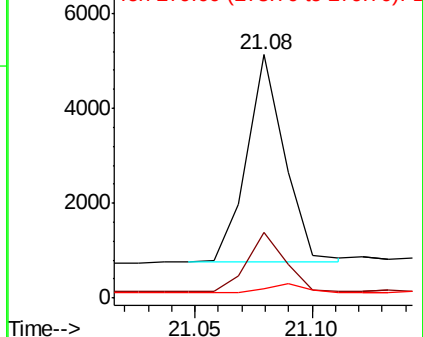
279 4.5 3.3 4.9

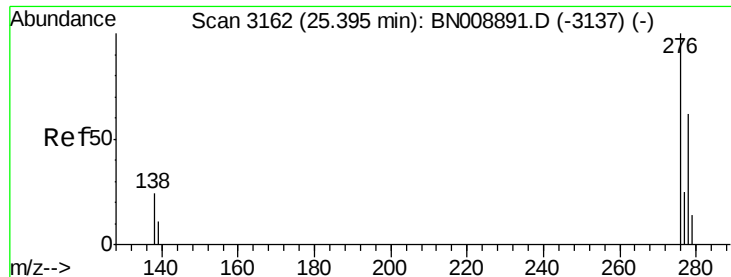


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.093 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

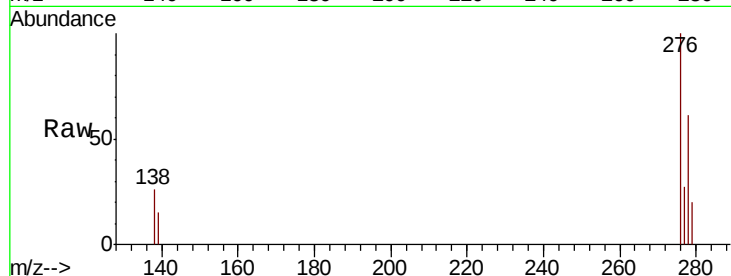
Tot Ion:276 Resp: 10121

Ion Ratio Lower Upper

276 100

138 29.6 19.9 29.9

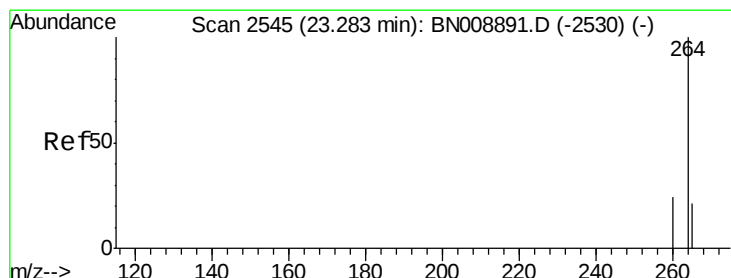
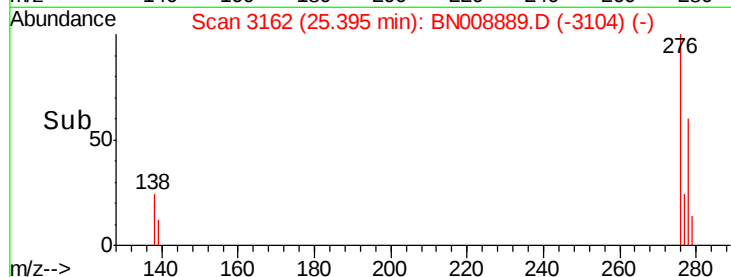
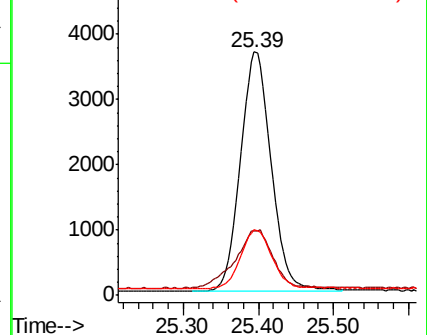
277 25.2 19.8 29.8



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: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

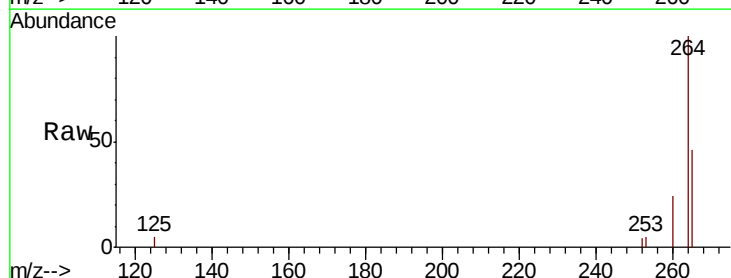
Tgt Ion:264 Resp: 27578

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

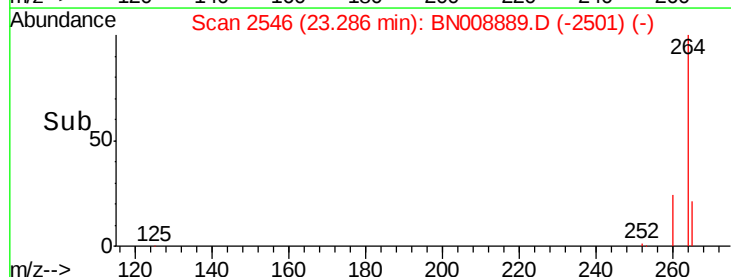
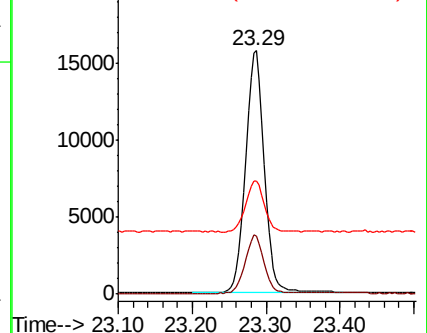
265 46.4 47.5 71.3#

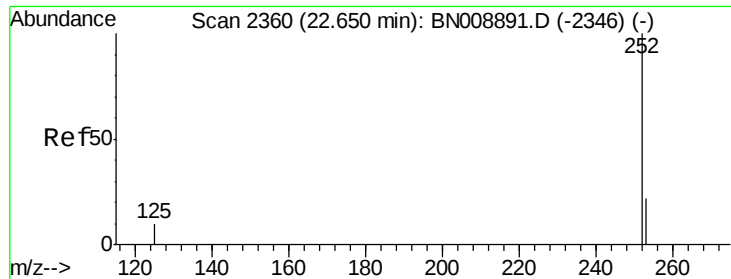


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

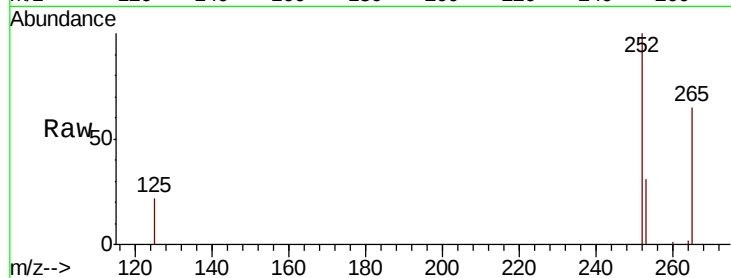
Tot Ion:252 Resp: 9087

Ion Ratio Lower Upper

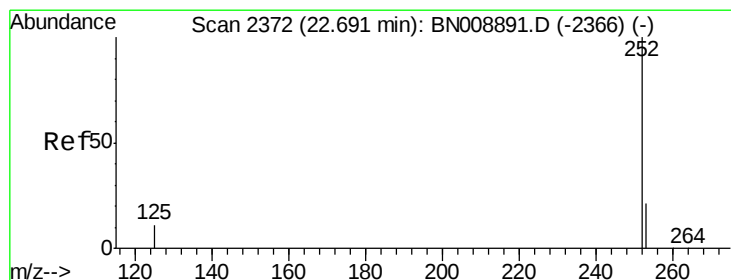
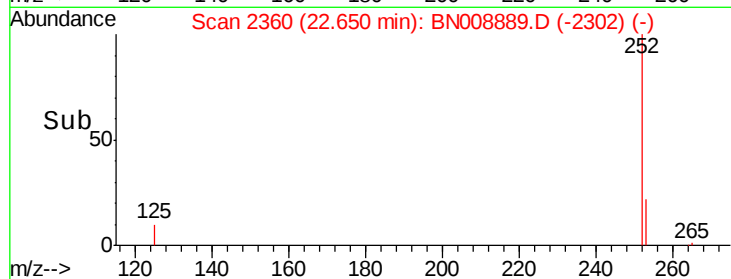
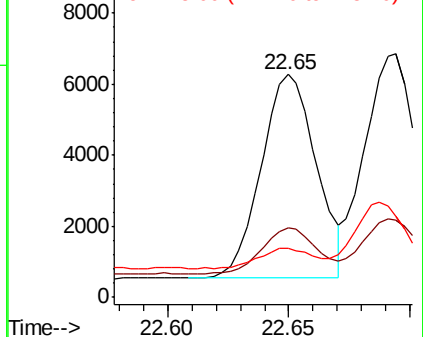
252 100

253 30.9 19.8 29.6#

125 22.1 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: 0.109 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

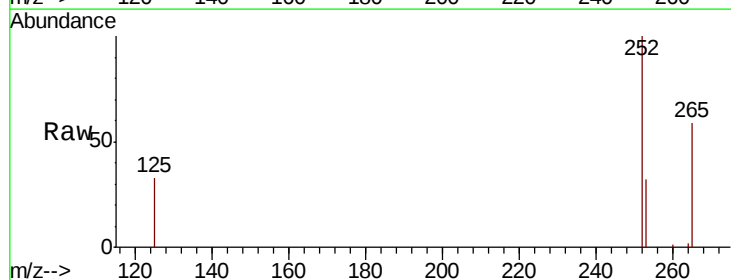
Tgt Ion:252 Resp: 9830

Ion Ratio Lower Upper

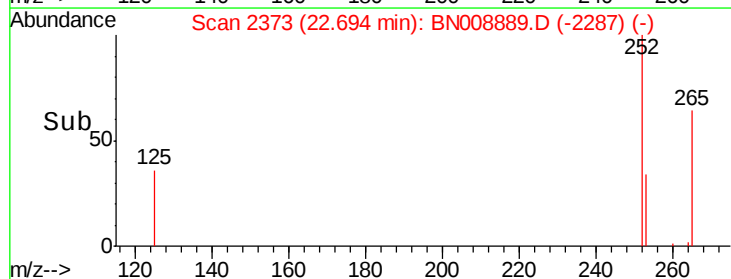
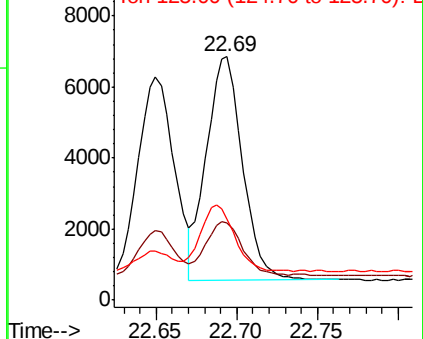
252 100

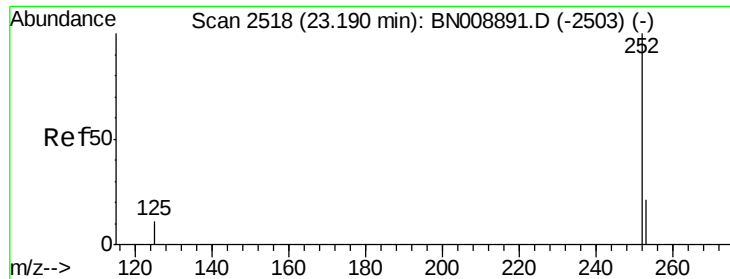
253 31.8 19.2 28.8#

125 33.1 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: 0.098 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

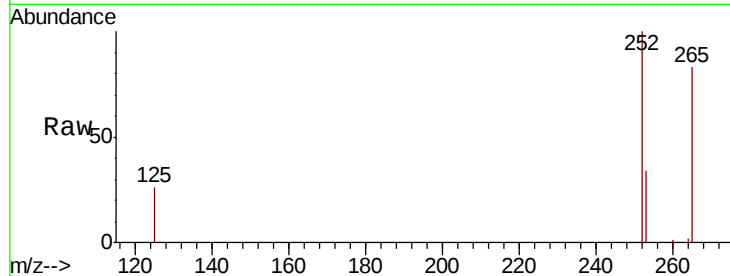
Tot Ion:252 Resp: 8448

Ion Ratio Lower Upper

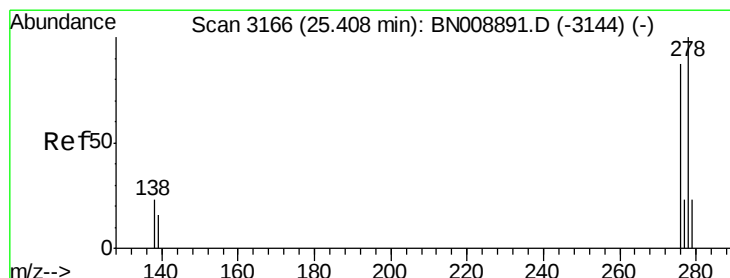
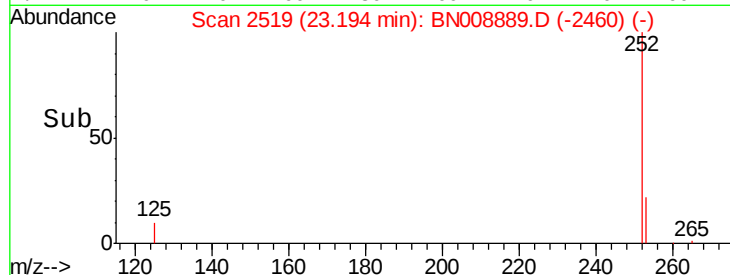
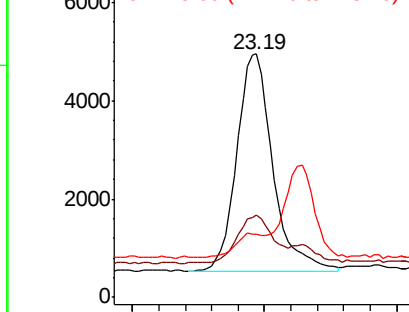
252 100

253 33.8 19.9 29.9#

125 25.9 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: 0.093 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

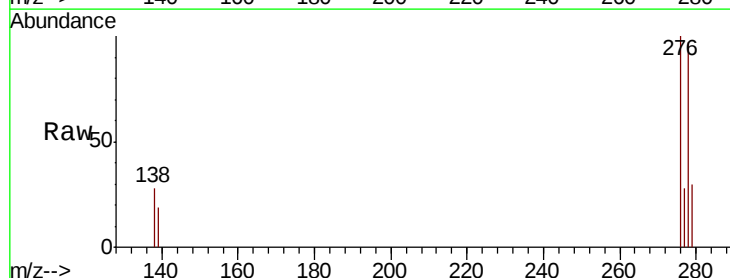
Tgt Ion:278 Resp: 8173

Ion Ratio Lower Upper

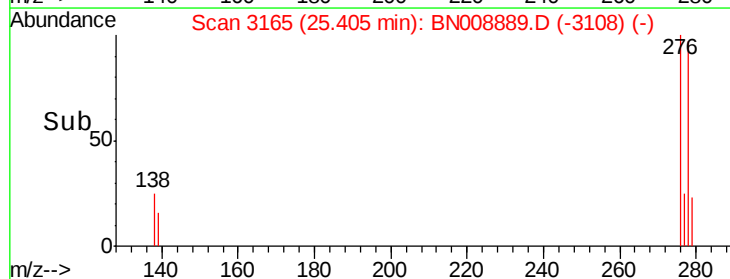
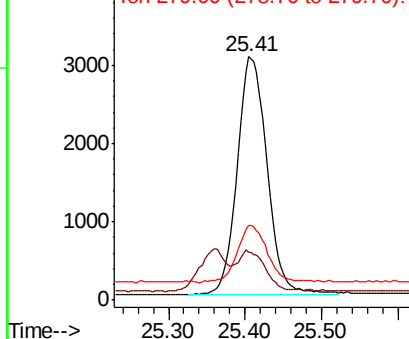
278 100

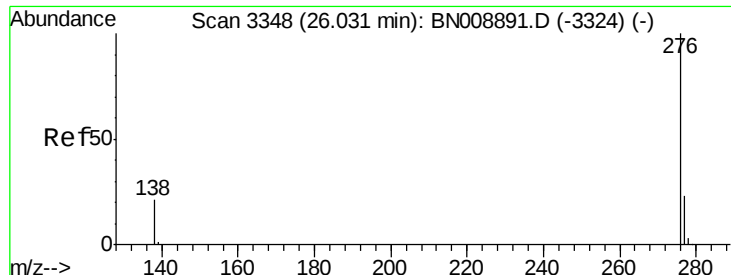
139 19.5 13.9 20.9

279 30.6 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: 0.091 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

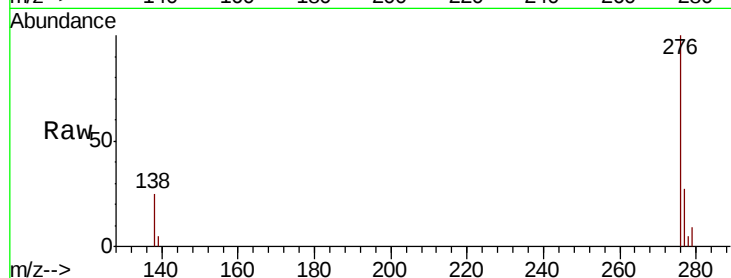
Tot Ion: 276 Resp: 8151

Ion Ratio Lower Upper

276 100

277 27.2 19.4 29.2

138 24.9 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

