

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008892.D
 Acq On : 09 Dec 2019 14:31
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 09 15:15:32 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	7.57	152	2706	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	11448	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	8070	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	18203	0.40	ng	0.00
27) Chrysene-d12	21.13	240	19734	0.40	ng	0.00
34) Perylene-d12	23.28	264	20772	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	5099	0.70	ng	0.00
5) Phenol-d6	6.75	99	7074	0.71	ng	0.00
8) Nitrobenzene-d5	8.69	82	7232	0.72	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	14604	0.77	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	2768	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	23210	0.77	ng	0.00
25) Fluoranthene-d10	18.97	212	40804	0.74	ng	0.00
29) Terphenyl-d14	19.58	244	33683	0.74	ng	0.00

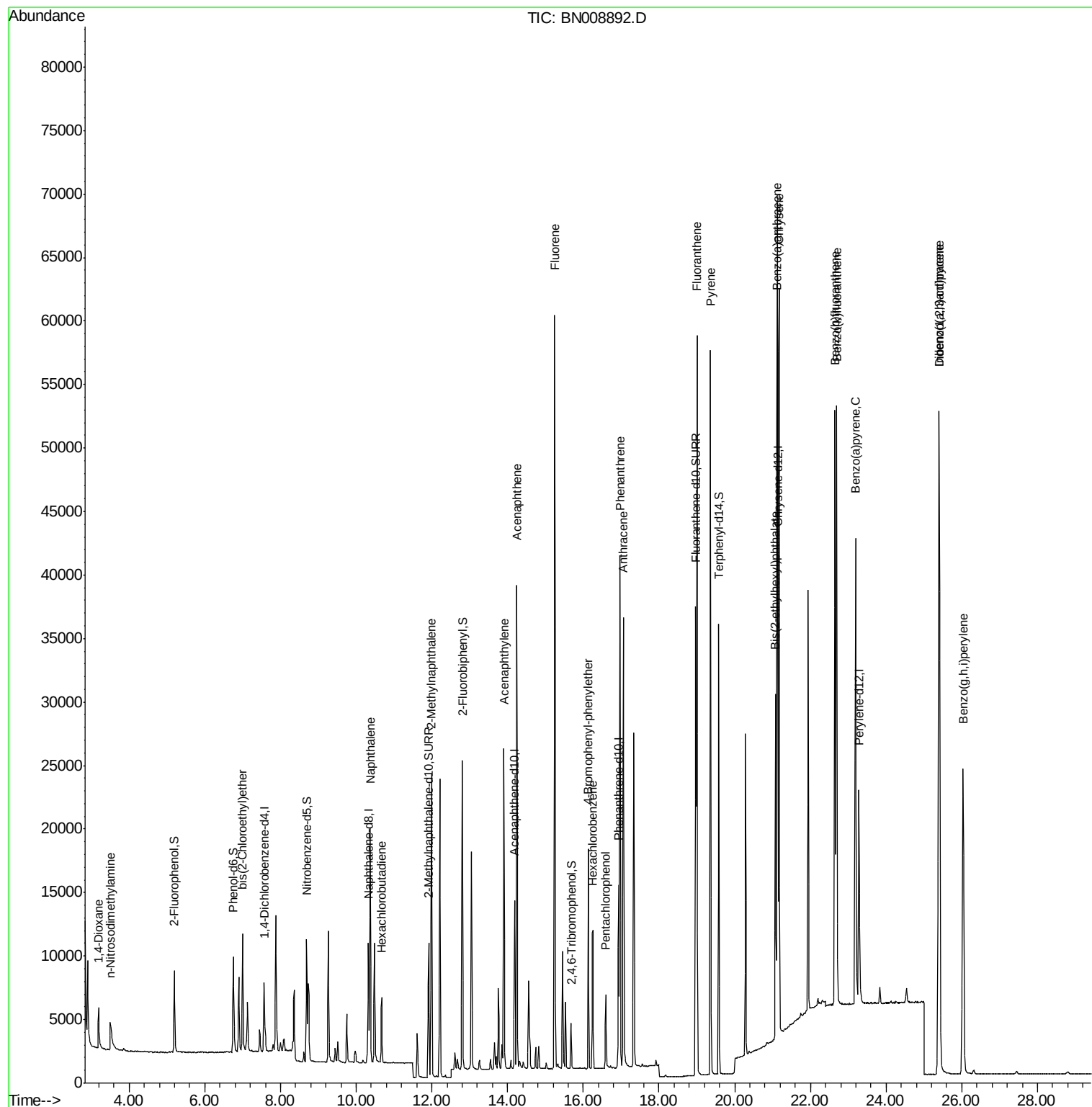
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1959	0.754	ng	99
3) n-Nitrosodimethylamine	3.51	42	2569	0.715	ng	# 100
6) bis(2-Chloroethyl)ether	7.00	93	6730	0.750	ng	98
9) Naphthalene	10.37	128	23374	0.766	ng	99
10) Hexachlorobutadiene	10.67	225	4493	0.746	ng	# 99
12) 2-Methylnaphthalene	11.99	142	17291	0.768	ng	100
16) Acenaphthylene	13.90	152	26773	0.711	ng	100
17) Acenaphthene	14.25	154	18034	0.755	ng	99
18) Fluorene	15.24	166	24541	0.775	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	8067	0.757	ng	99
21) Hexachlorobenzene	16.25	284	9175	0.746	ng	99
22) Pentachlorophenol	16.59	266	3109	0.631	ng	100
23) Phenanthrene	16.97	178	42422	0.764	ng	100
24) Anthracene	17.06	178	36819	0.722	ng	100
26) Fluoranthene	19.00	202	50981	0.762	ng	100
28) Pyrene	19.36	202	50845	0.738	ng	100
30) Benzo(a)anthracene	21.12	228	51160	0.717	ng	100
31) Chrysene	21.17	228	54305	0.784	ng	100
32) Bis(2-ethylhexyl)phthalate	21.08	149	21237	0.447	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	58176	0.681	ng	100
35) Benzo(b)fluoranthene	22.65	252	55870	0.810	ng	97
36) Benzo(k)fluoranthene	22.69	252	55364	0.817	ng	98
37) Benzo(a)pyrene	23.19	252	48979	0.753	ng	96
38) Dibenzo(a,h)anthracene	25.41	278	47329	0.712	ng	98
39) Benzo(g,h,i)perylene	26.03	276	46542	0.692	ng	99

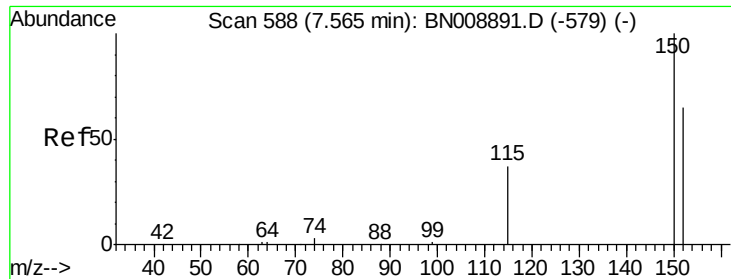
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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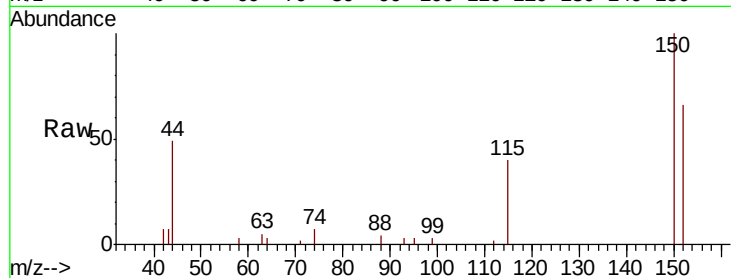


#1

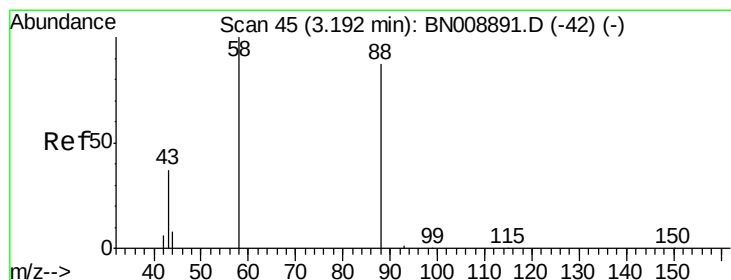
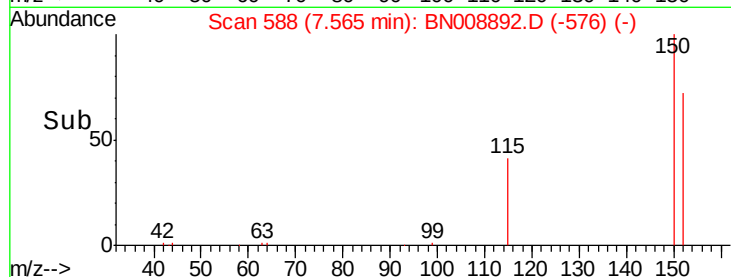
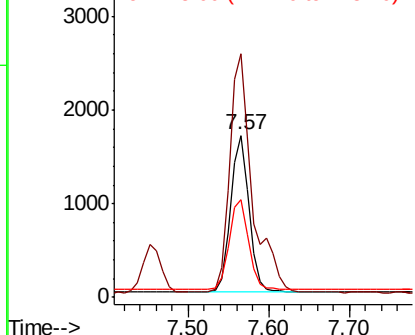
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008892.D
Acq: 09 Dec 2019 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 2706
Ion Ratio Lower Upper
152 100
150 150.6 122.3 183.5
115 60.3 48.4 72.6



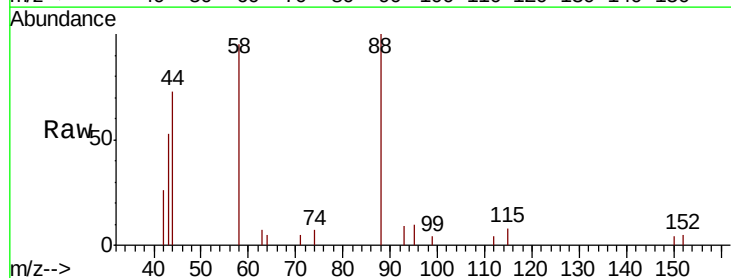
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



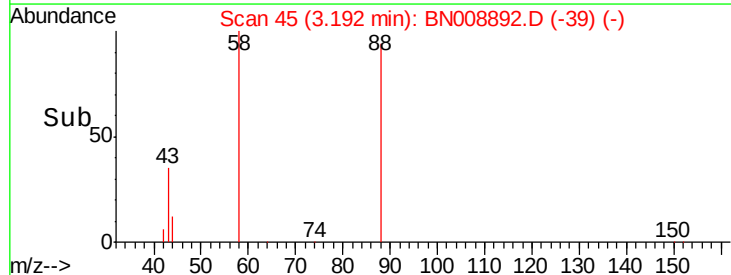
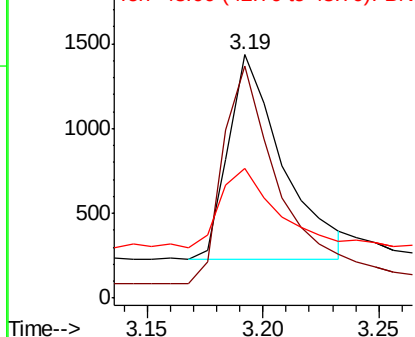
#2

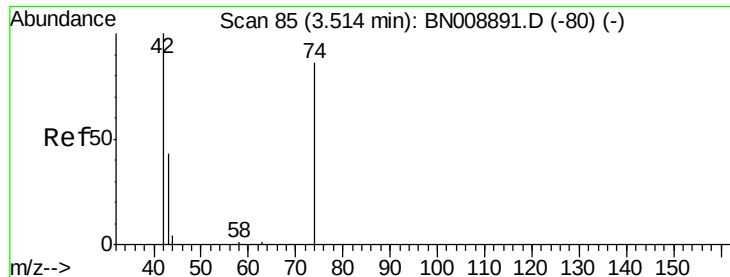
1,4-Dioxane
Concen: 0.754 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008892.D
Acq: 09 Dec 2019 14:31

Tgt Ion: 88 Resp: 1959
Ion Ratio Lower Upper
88 100
58 109.4 88.6 132.8
43 39.5 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: 0.715 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.01 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

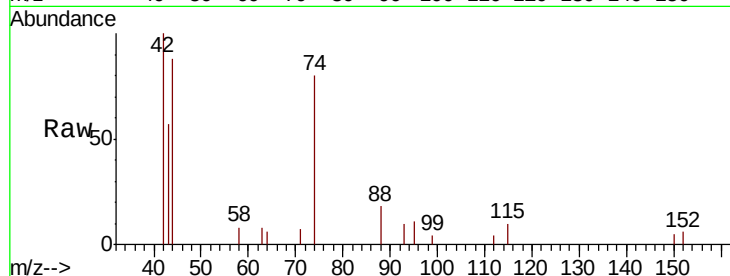
Tot Ion: 42 Resp: 2569

Ion Ratio Lower Upper

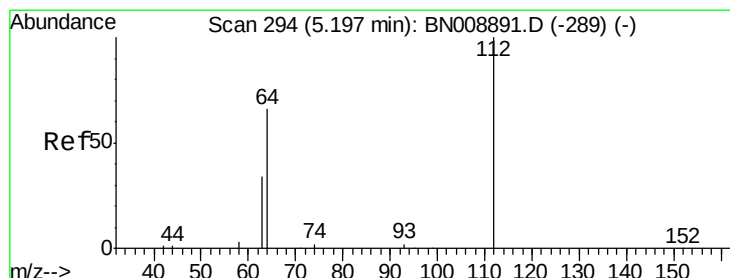
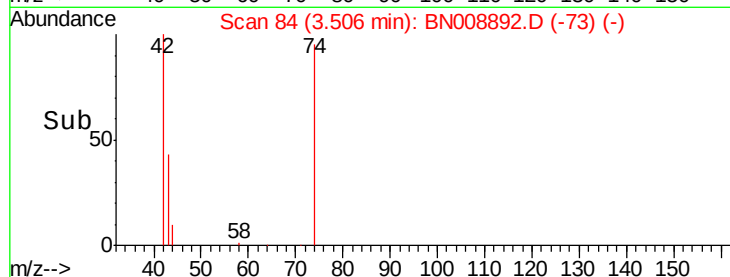
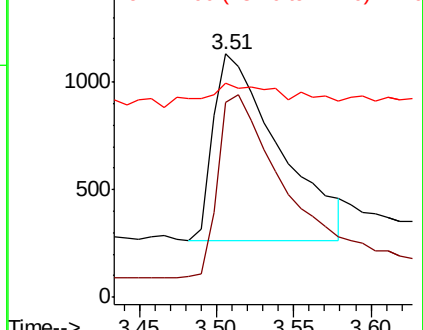
42 100

74 98.6 78.6 117.8

44 16.7 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 0.696 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

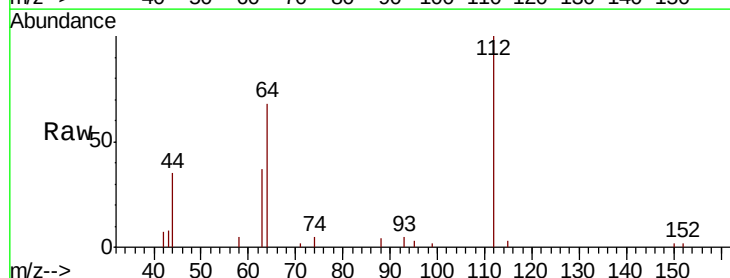
Tgt Ion: 112 Resp: 5099

Ion Ratio Lower Upper

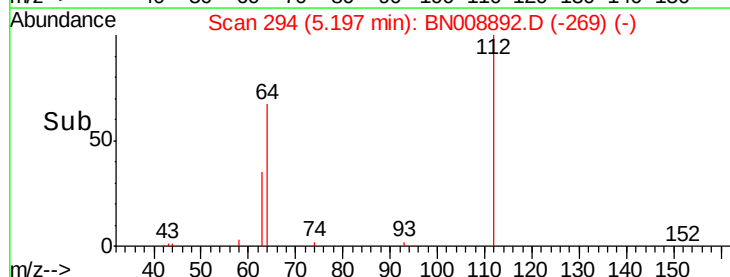
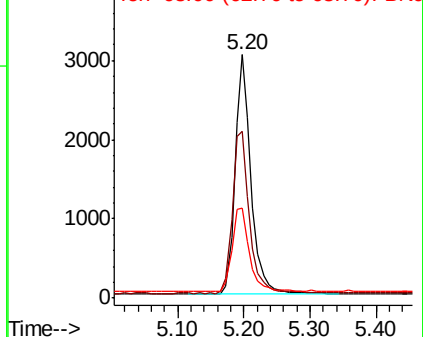
112 100

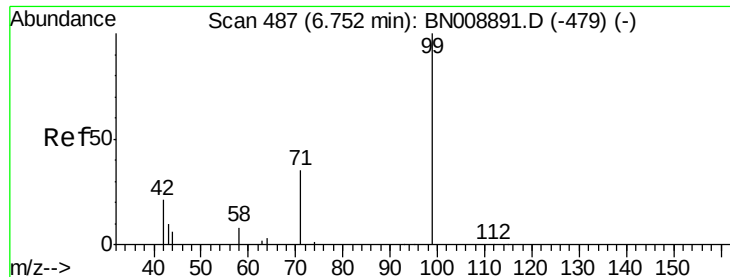
64 72.4 57.7 86.5

63 37.6 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.709 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

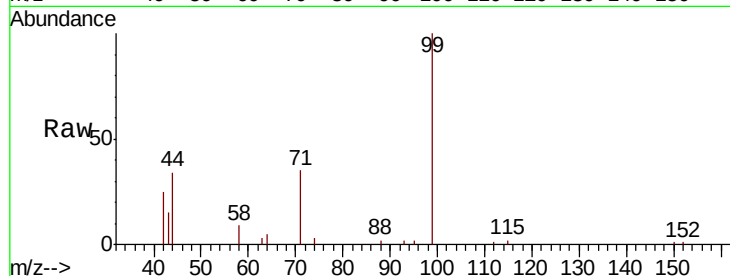
Tot Ion: 99 Resp: 7074

Ion Ratio Lower Upper

99 100

42 26.6 20.1 30.1

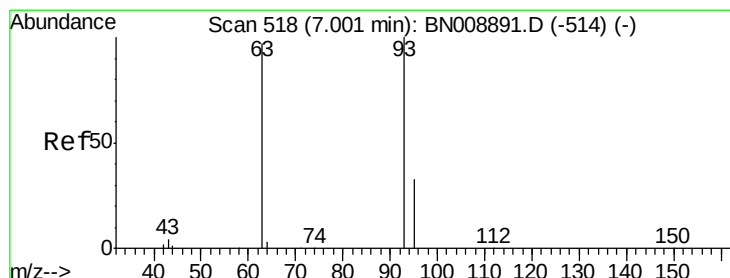
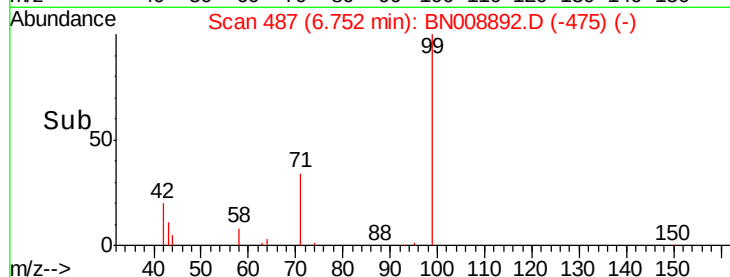
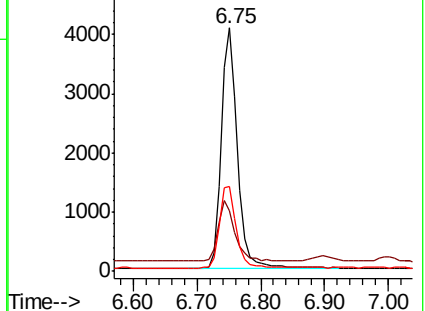
71 35.7 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008892.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN008892.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN008892.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.750 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

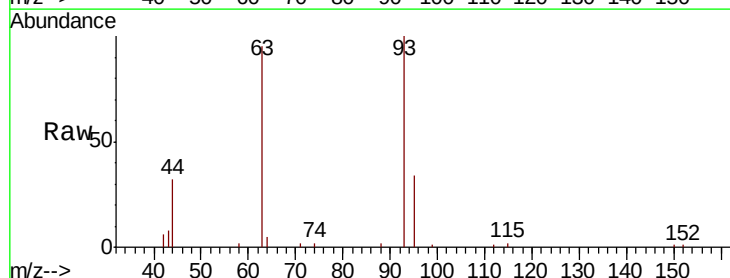
Tgt Ion: 93 Resp: 6730

Ion Ratio Lower Upper

93 100

63 93.6 73.5 110.3

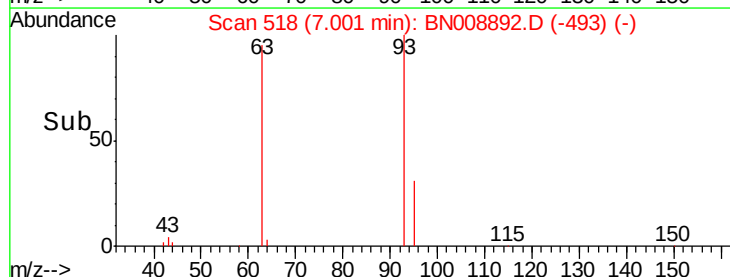
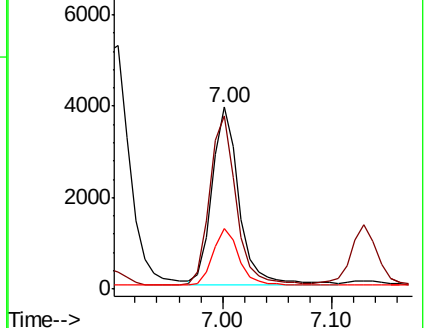
95 31.7 26.0 39.0

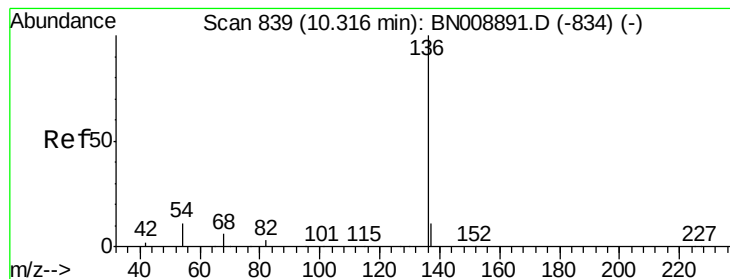


Abundance Ion 93.00 (92.70 to 93.70): BN008892.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN008892.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN008892.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 11448

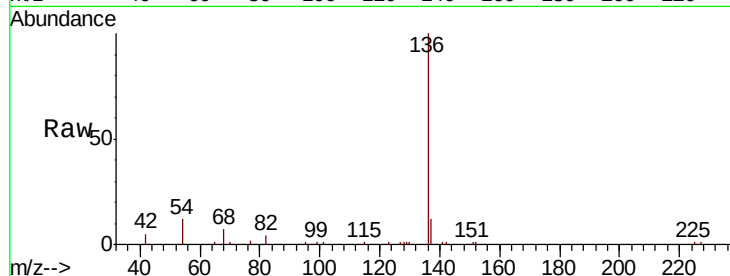
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 12.1 9.6 14.4

68 6.8 5.6 8.4

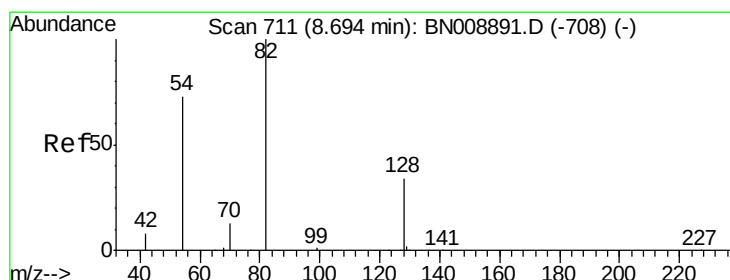
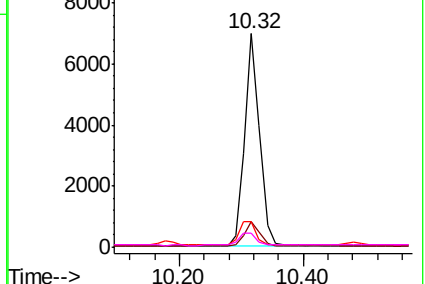
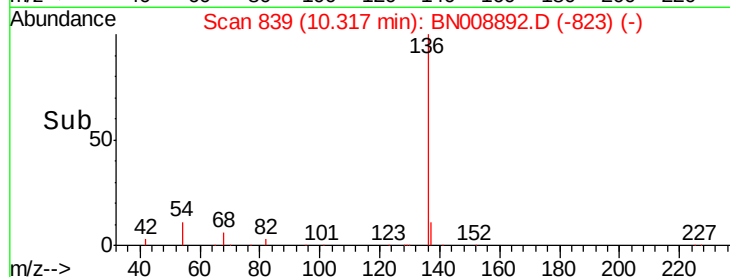


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.716 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

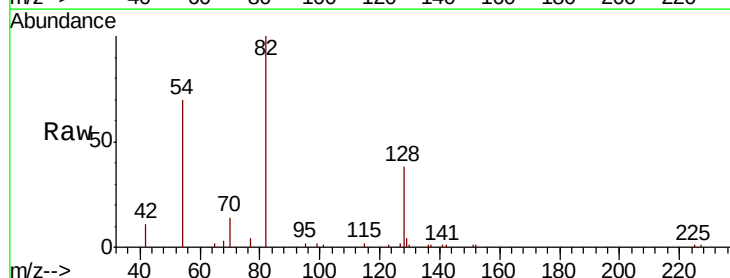
Tgt Ion: 82 Resp: 7232

Ion Ratio Lower Upper

82 100

128 38.2 29.1 43.7

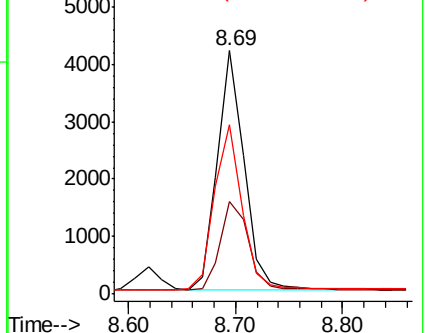
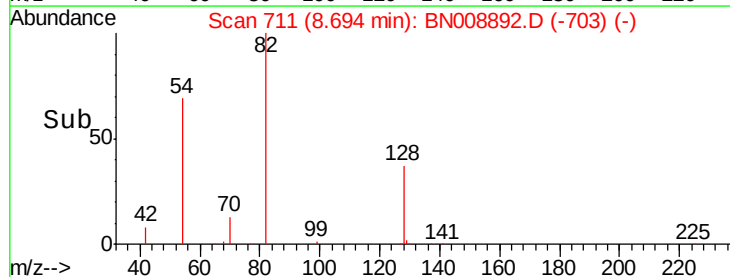
54 69.7 59.7 89.5

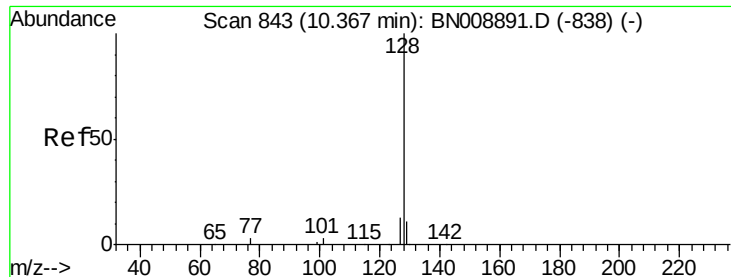


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.766 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

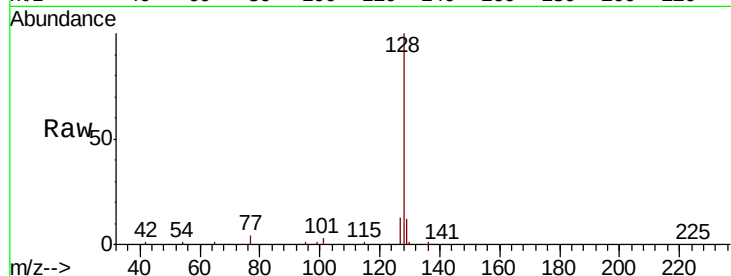
Tot Ion:128 Resp: 23374

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

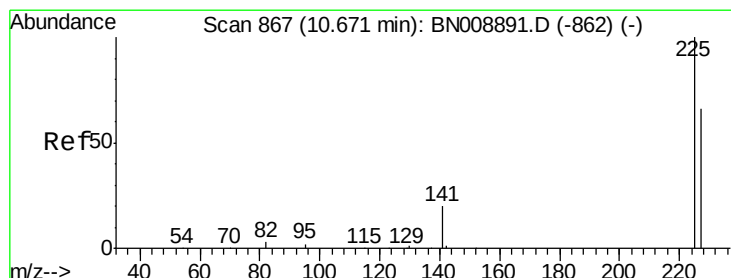
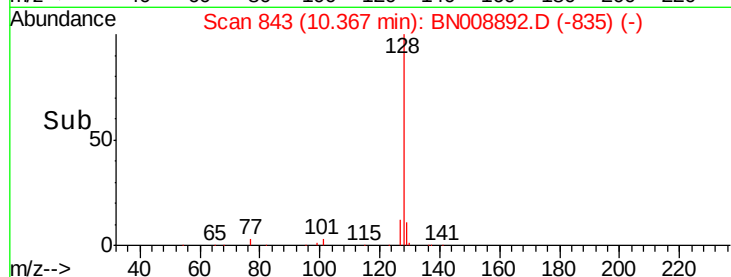
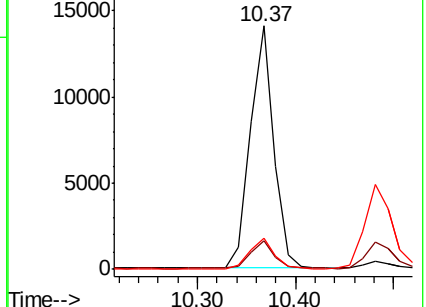
127 12.6 10.8 16.2



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: 0.746 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

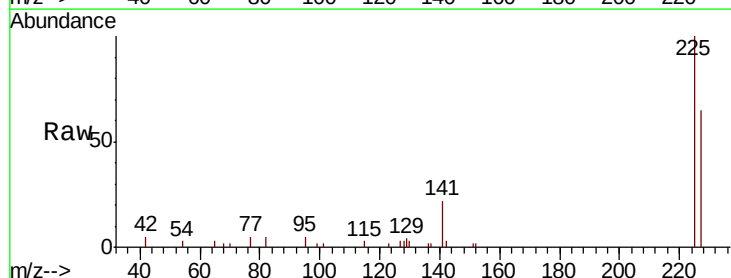
Tgt Ion:225 Resp: 4493

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

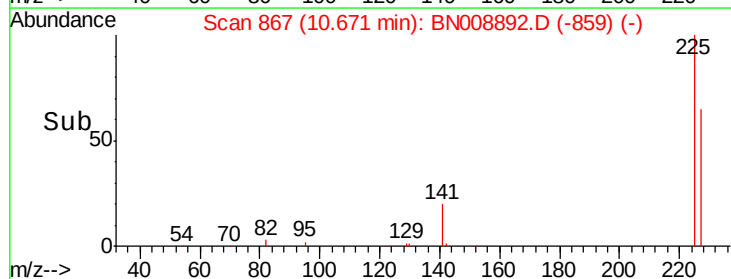
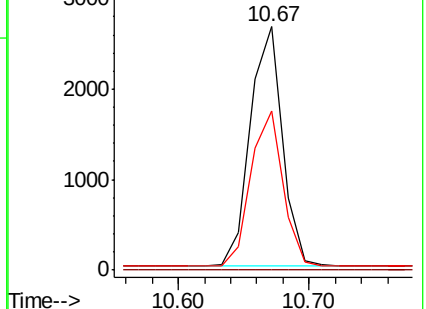
227 64.7 51.4 77.2

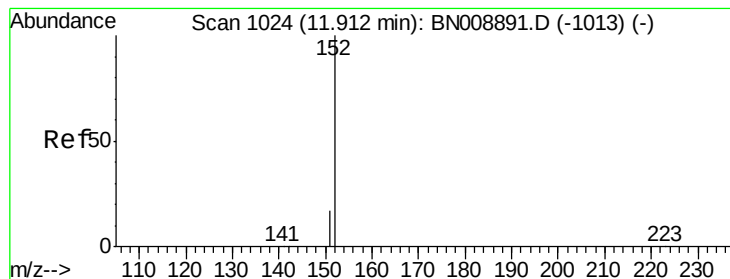


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.769 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

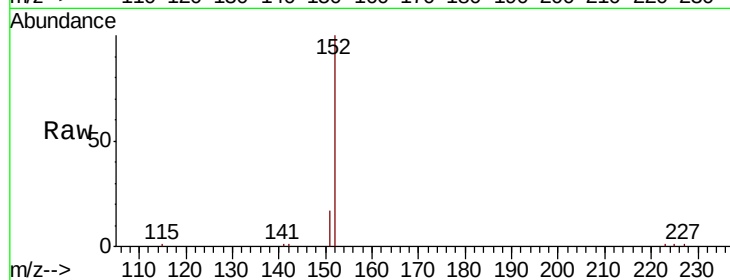
SSTDICC0.8

Tot Ion:152 Resp: 14604

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

11.91

10000

8000

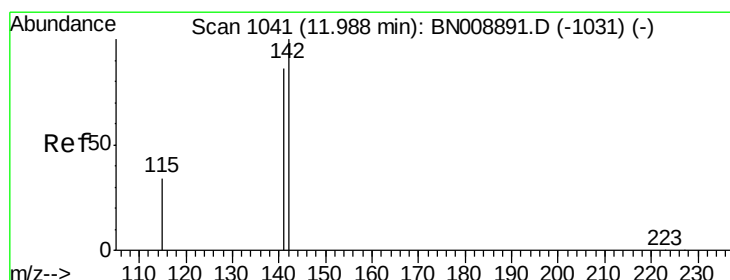
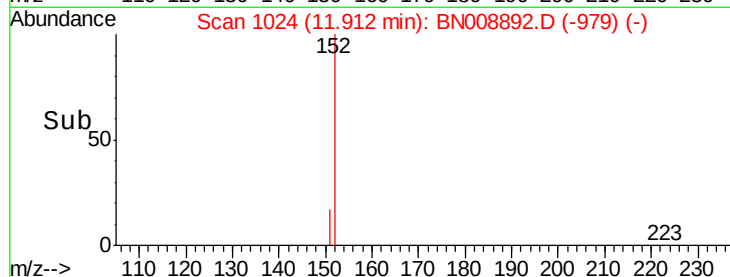
6000

4000

2000

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.768 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

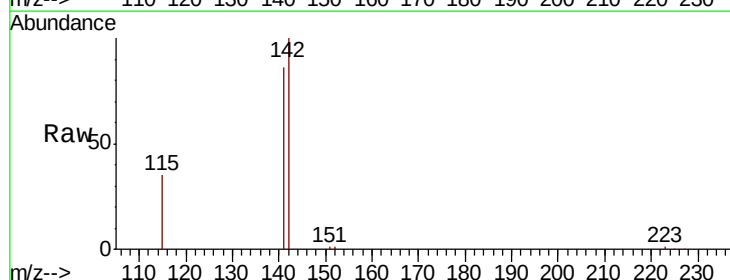
Tgt Ion:142 Resp: 17291

Ion Ratio Lower Upper

142 100

141 86.4 69.3 103.9

115 34.8 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

11.99

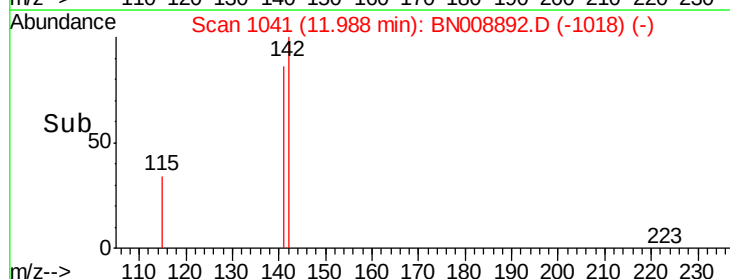
15000

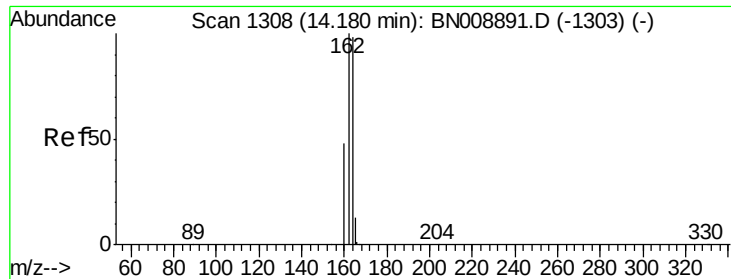
10000

5000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

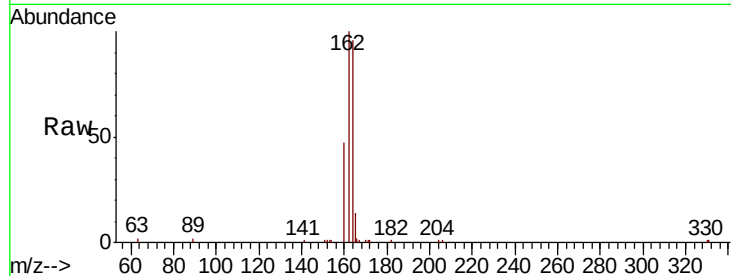
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:164 Resp: 8070

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.9	122.9
160	48.5	39.3	58.9

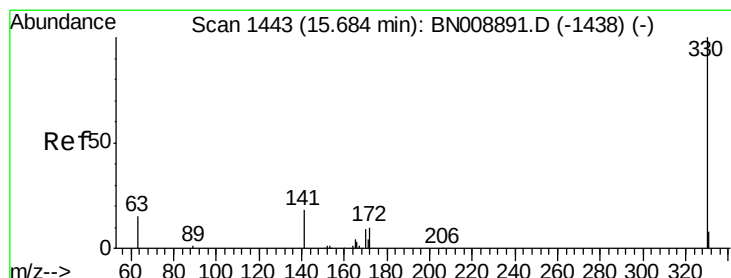
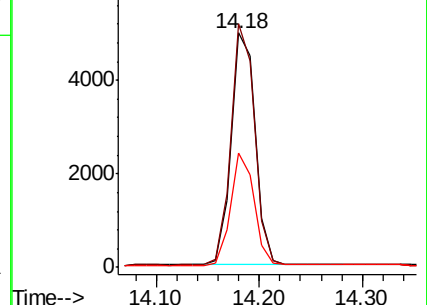
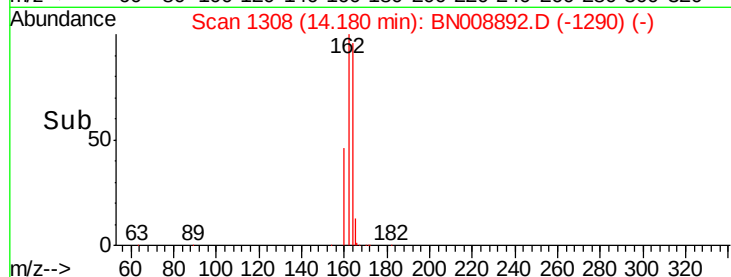


Abundance

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: 0.630 ng

RT: 15.68 min Scan# 1443

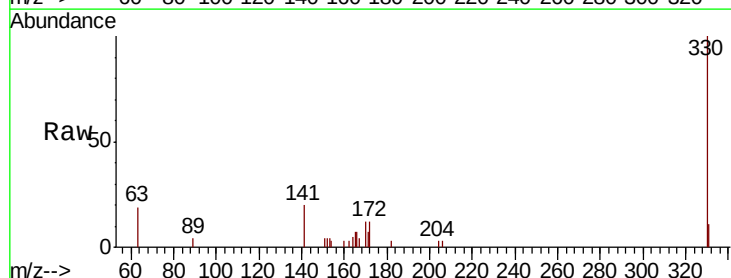
Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Tgt Ion:330 Resp: 2768

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.6	29.6	44.4

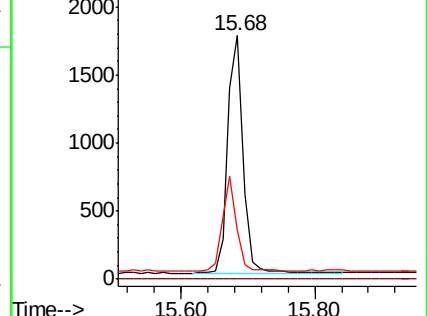
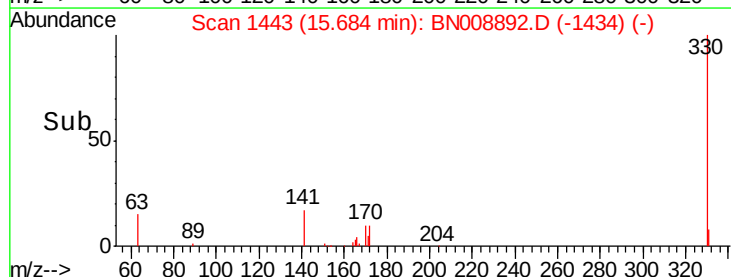


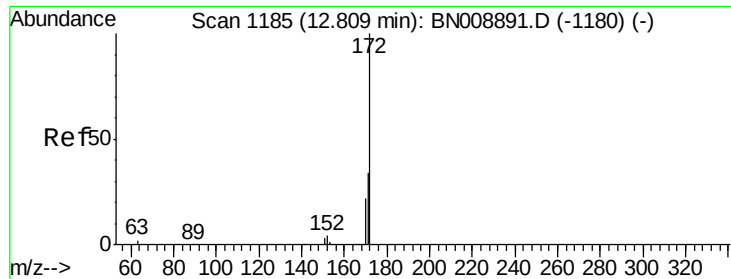
Abundance

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

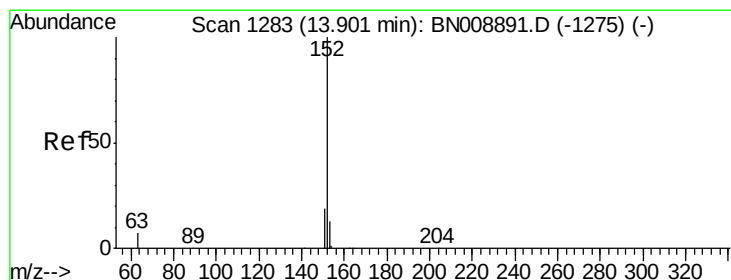
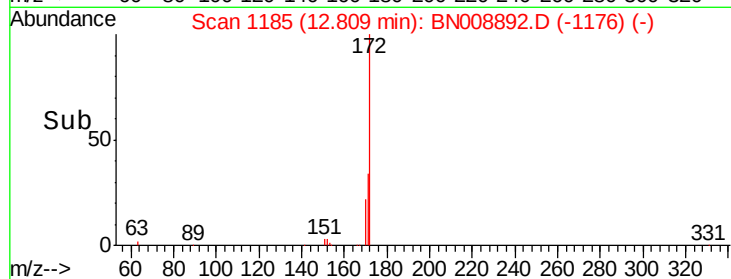
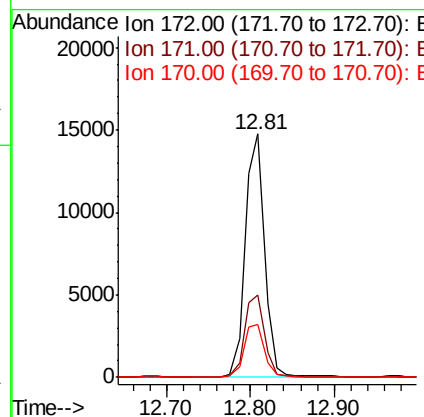
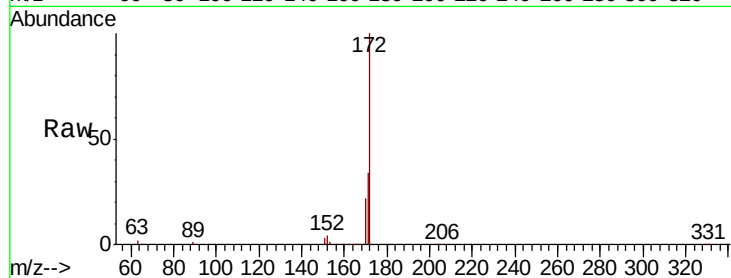




#15
2-Fluorobiphenyl
Concen: 0.767 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008892.D
Acq: 09 Dec 2019 14:31

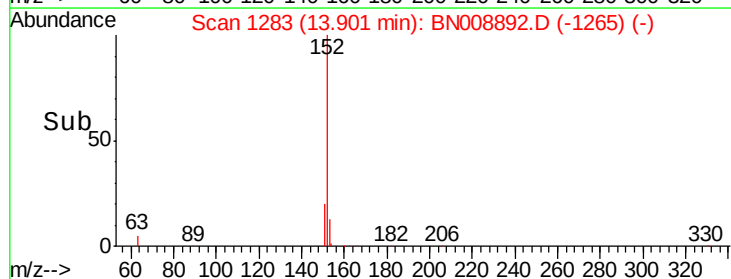
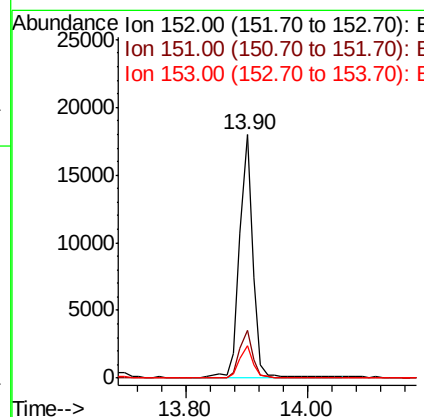
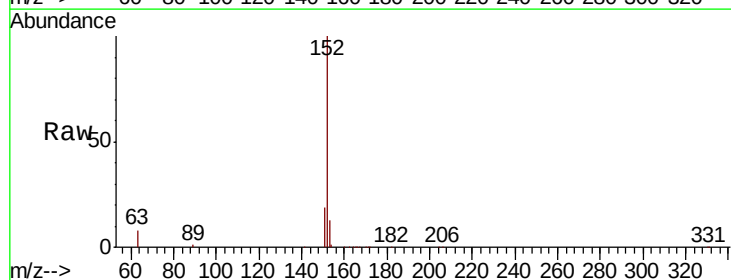
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

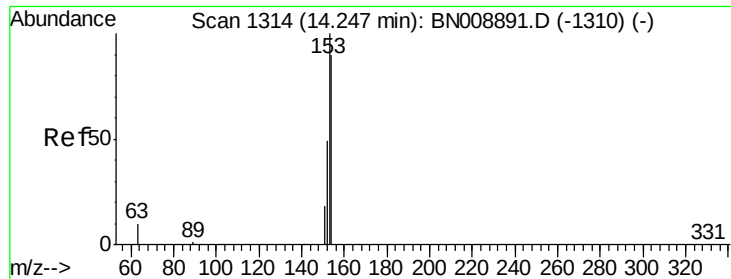
Tot Ion:172 Resp: 23210
Ion Ratio Lower Upper
172 100
171 33.8 27.1 40.7
170 21.9 17.7 26.5



#16
Acenaphthylene
Concen: 0.711 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008892.D
Acq: 09 Dec 2019 14:31

Tgt Ion:152 Resp: 26773
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.755 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

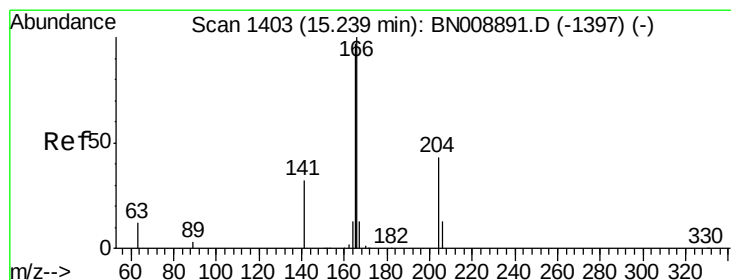
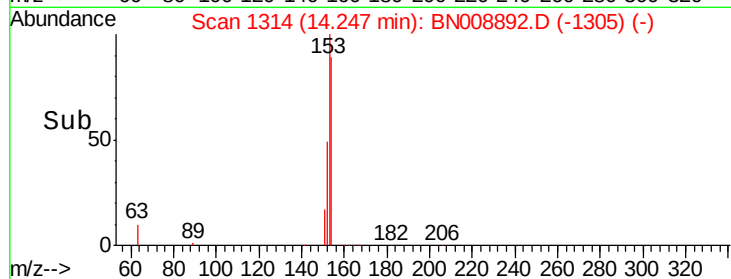
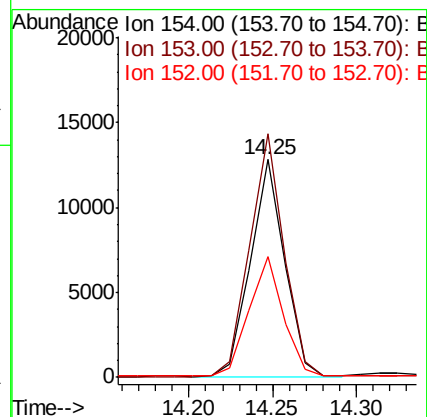
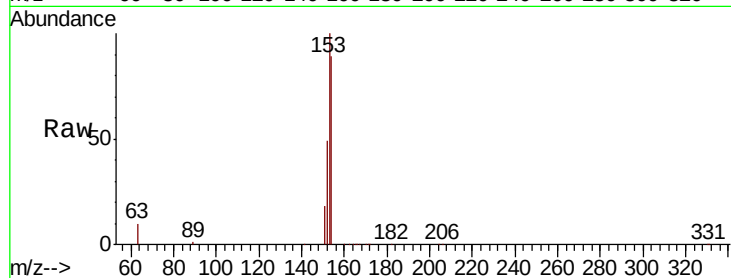
Tot Ion:154 Resp: 18034

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

152 55.7 44.2 66.4



#18

Fluorene

Concen: 0.775 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

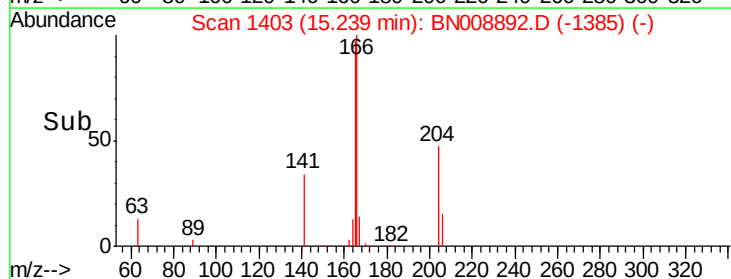
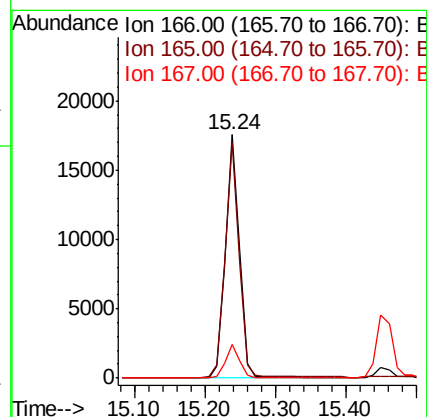
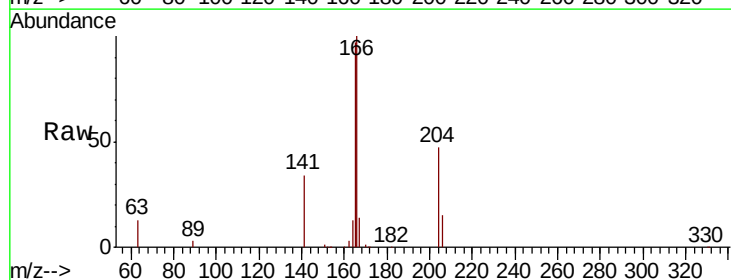
Tgt Ion:166 Resp: 24541

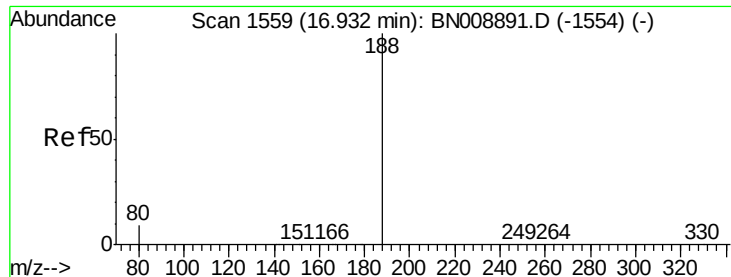
Ion Ratio Lower Upper

166 100

165 95.9 77.3 115.9

167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

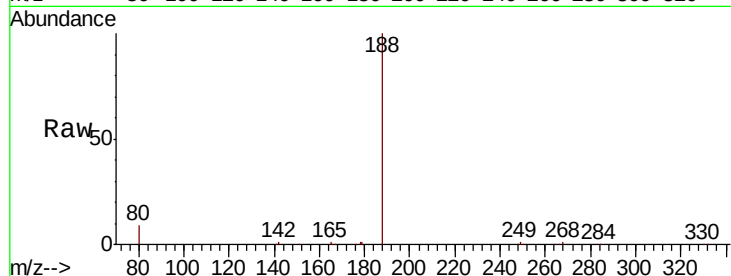
Tot Ion:188 Resp: 18203

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

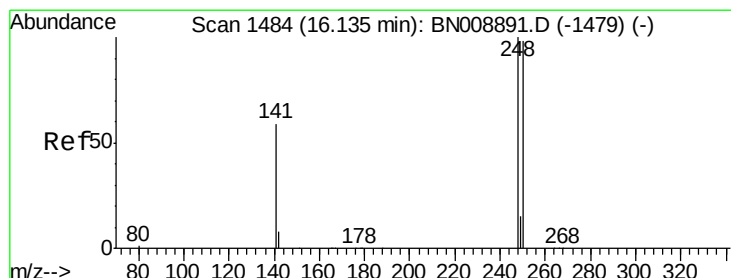
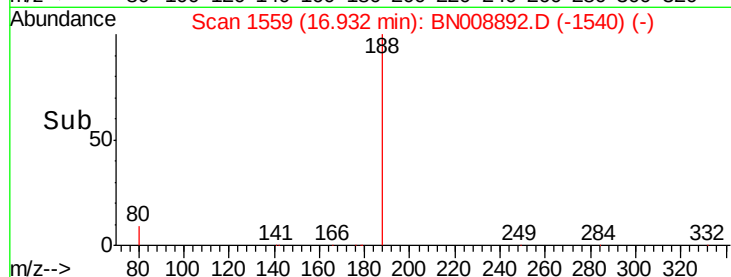
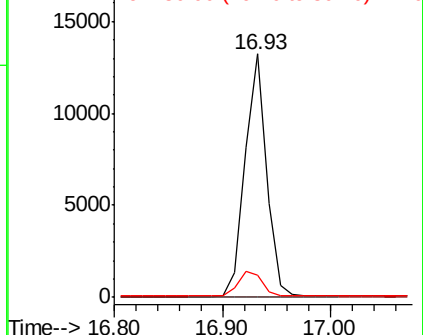
80 9.1 7.3 10.9



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: 0.757 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

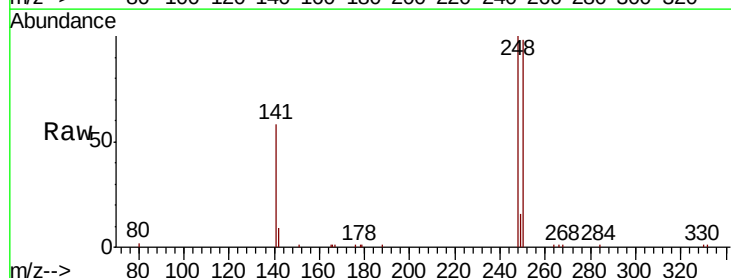
Tgt Ion:248 Resp: 8067

Ion Ratio Lower Upper

248 100

250 97.6 78.7 118.1

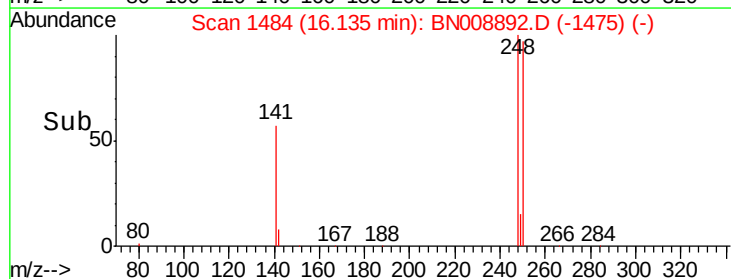
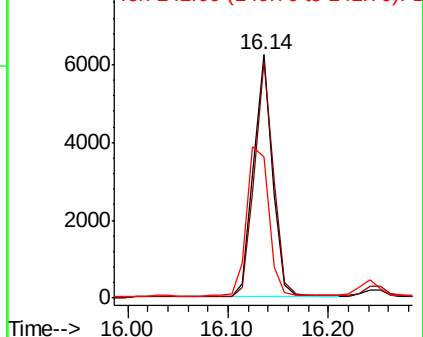
141 57.9 47.9 71.9

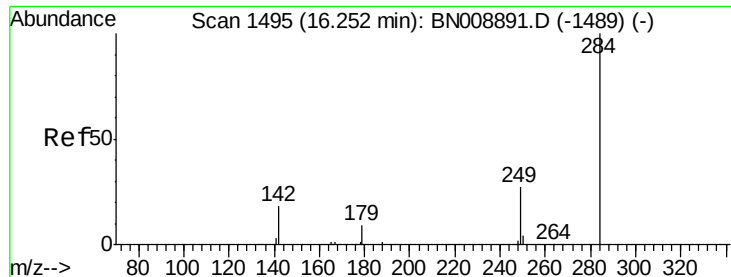


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.746 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

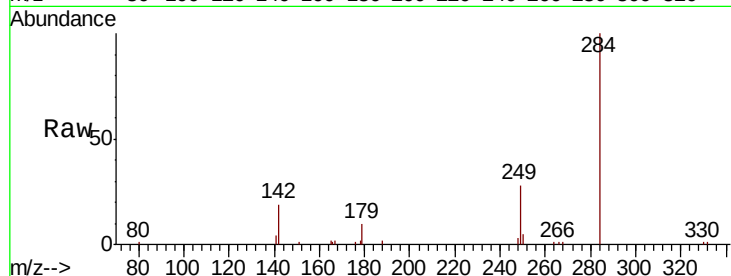
Tot Ion:284 Resp: 9175

Ion Ratio Lower Upper

284 100

142 35.1 27.8 41.6

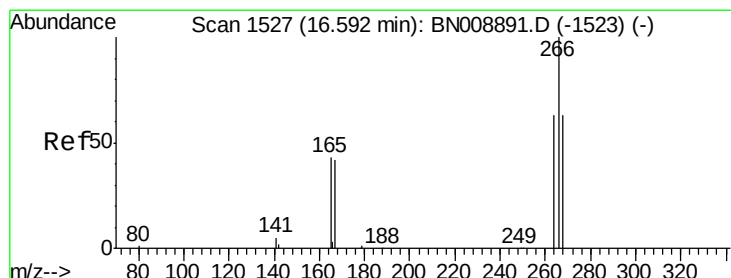
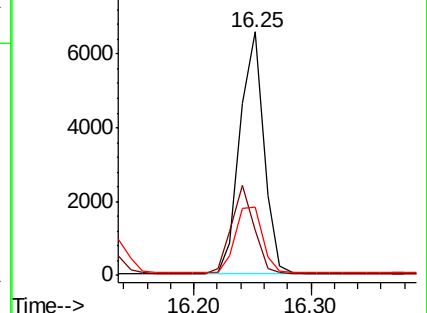
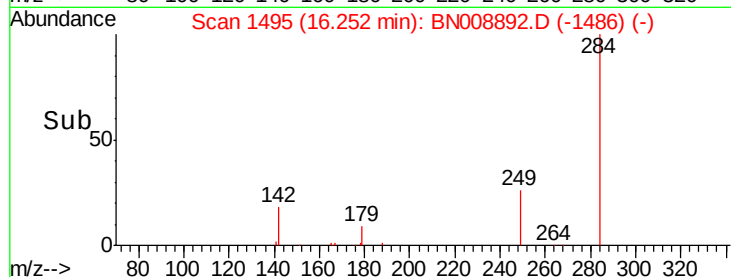
249 31.1 25.3 37.9



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: 0.631 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

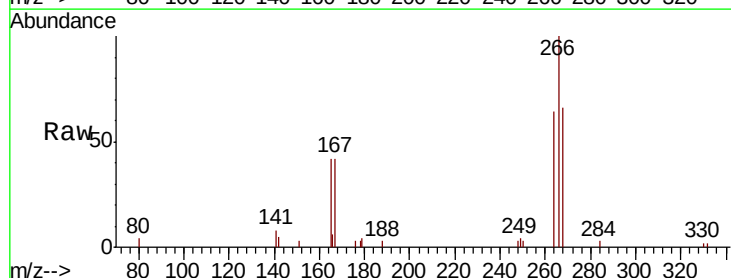
Tgt Ion:266 Resp: 3109

Ion Ratio Lower Upper

266 100

264 64.3 51.5 77.3

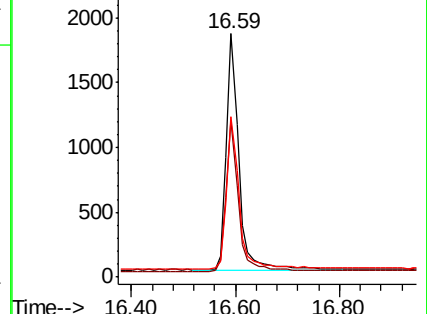
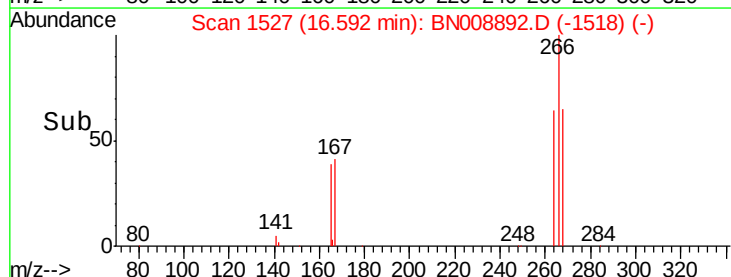
268 66.1 53.1 79.7

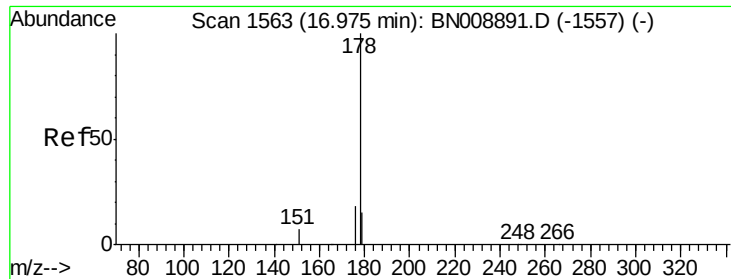


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.764 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

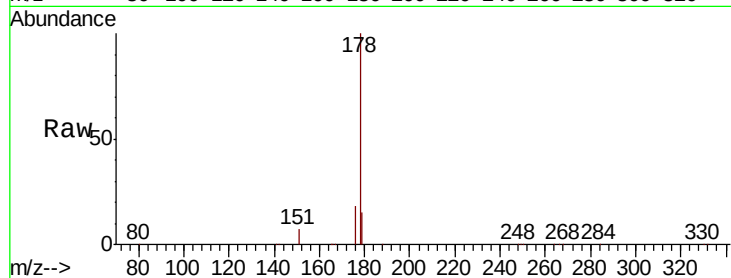
Tot Ion:178 Resp: 42422

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.3 12.3 18.5

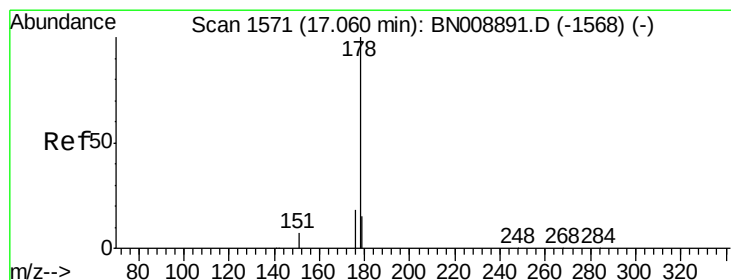
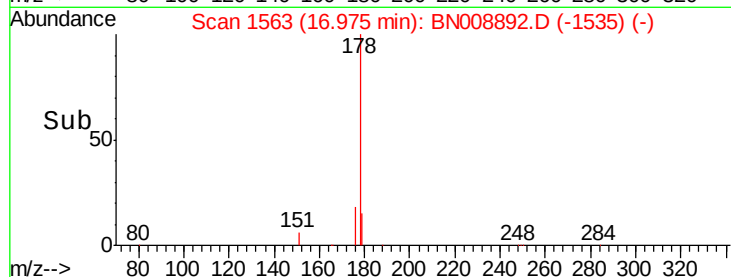
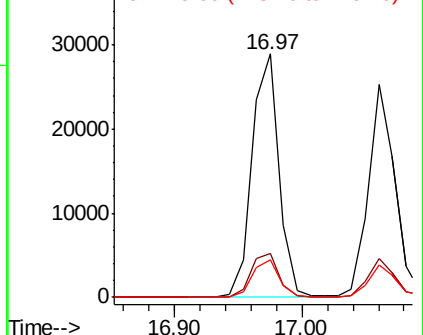


Abundance

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: 0.722 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

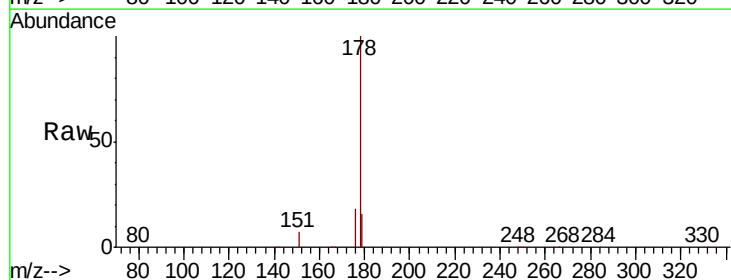
Tgt Ion:178 Resp: 36819

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

179 15.3 12.1 18.1

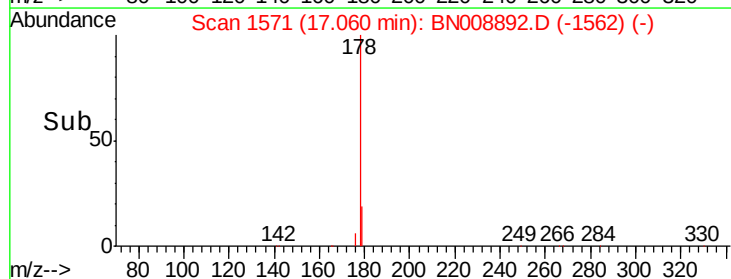
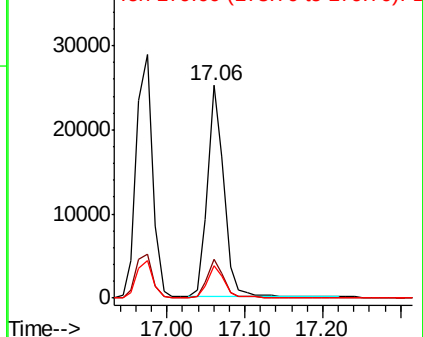


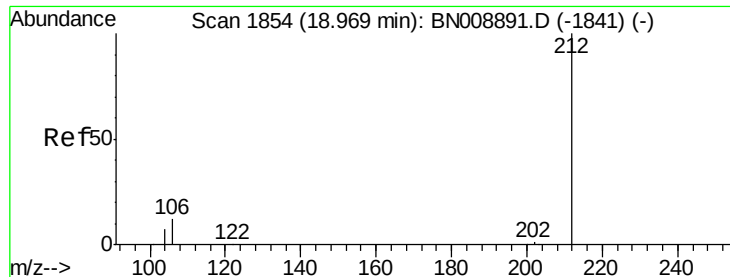
Abundance

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: 0.740 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

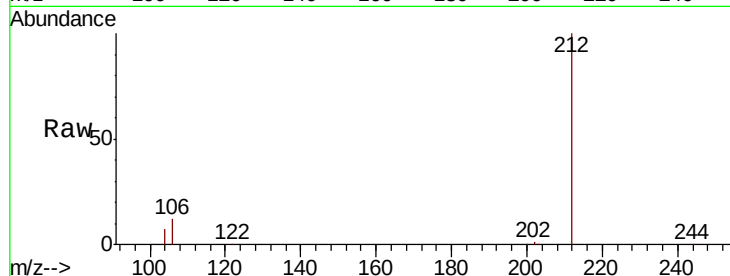
Tot Ion:212 Resp: 40804

Ion Ratio Lower Upper

212 100

106 13.0 10.4 15.6

104 7.2 5.9 8.9

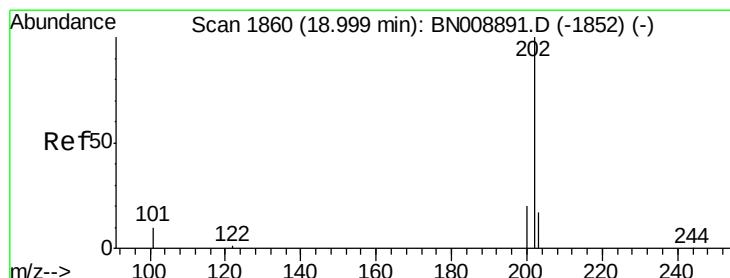
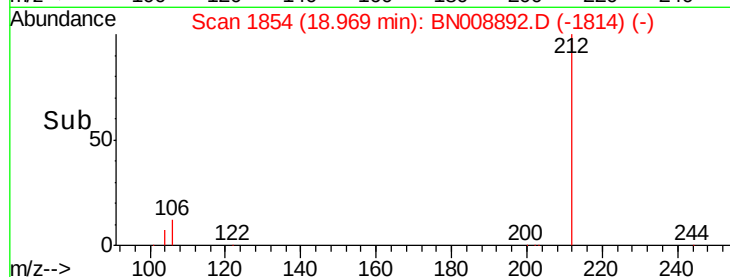
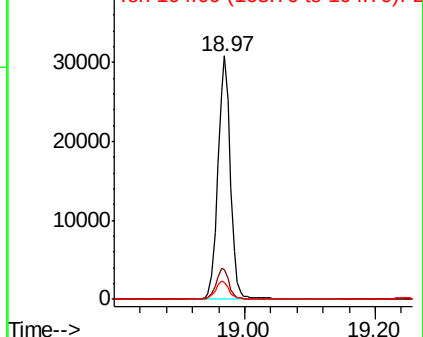


Abundance

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: 0.762 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

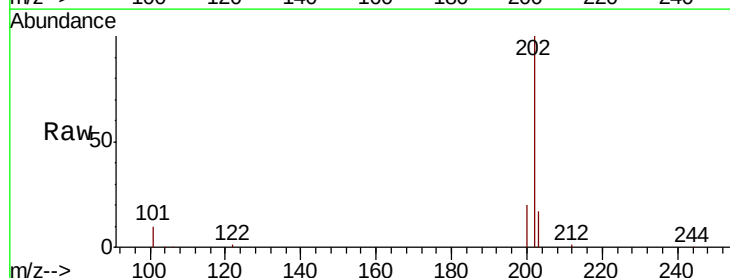
Tgt Ion:202 Resp: 50981

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

203 17.2 13.8 20.6

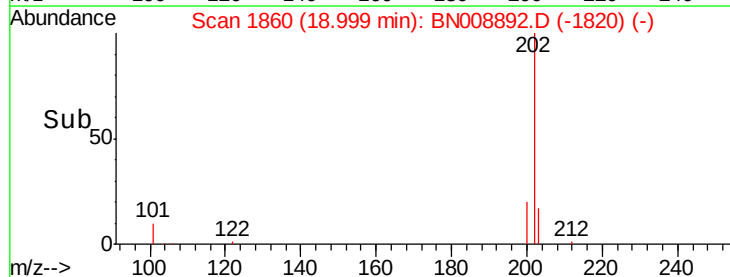
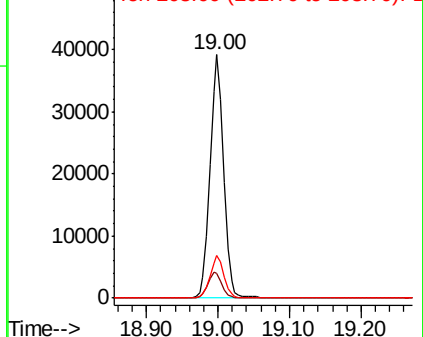


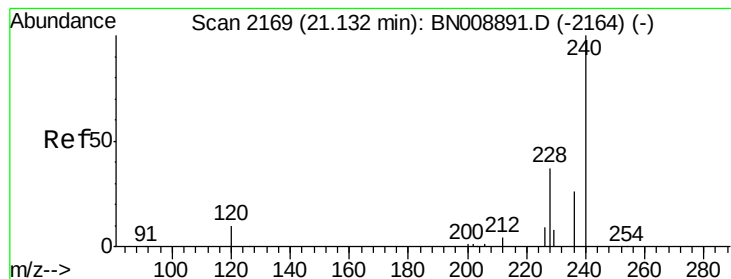
Abundance

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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

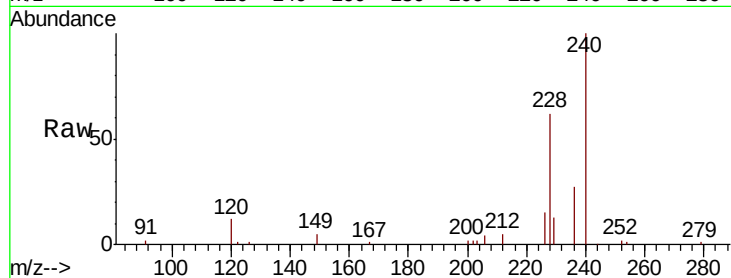
Tot Ion:240 Resp: 19734

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

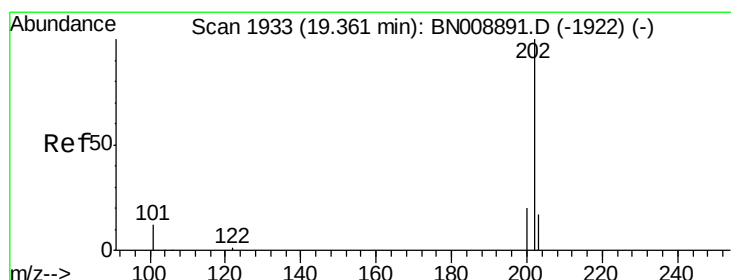
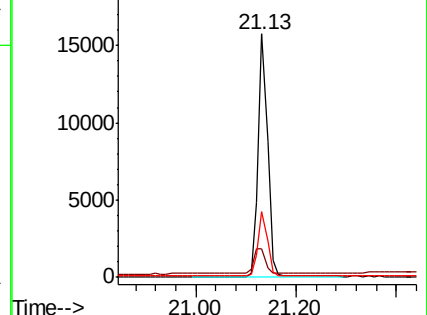
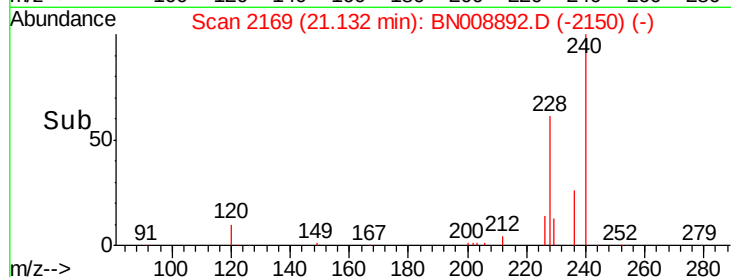
236 26.8 21.5 32.3



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: 0.738 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

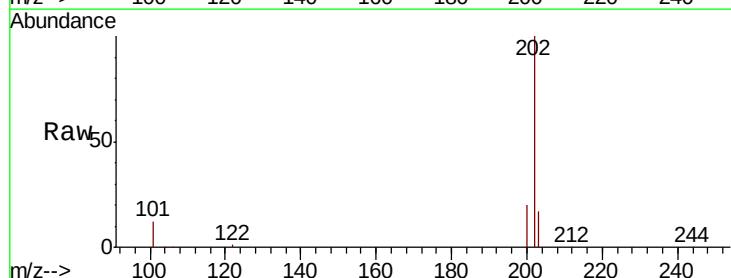
Tgt Ion:202 Resp: 50845

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

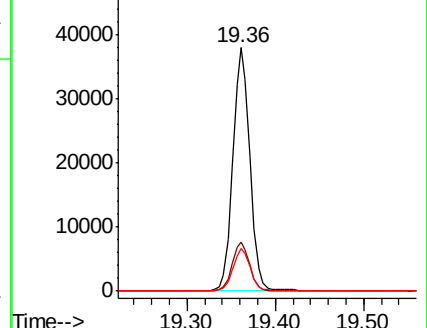
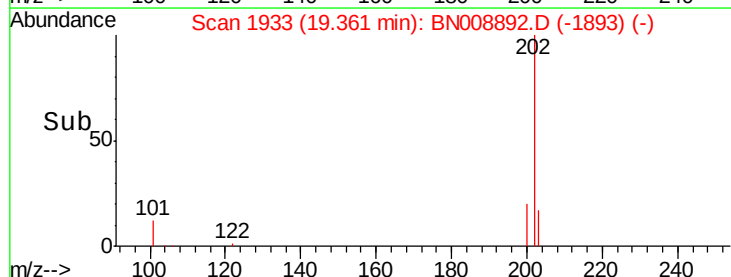
203 17.3 13.9 20.9

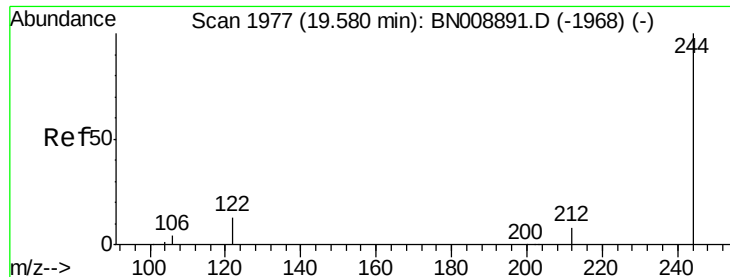


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.741 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

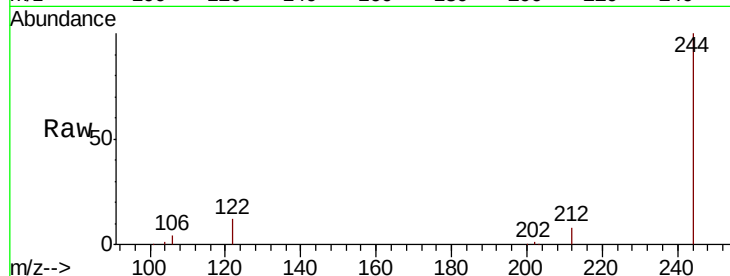
Tot Ion:244 Resp: 33683

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

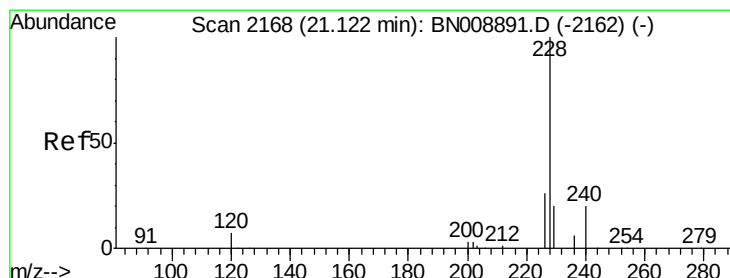
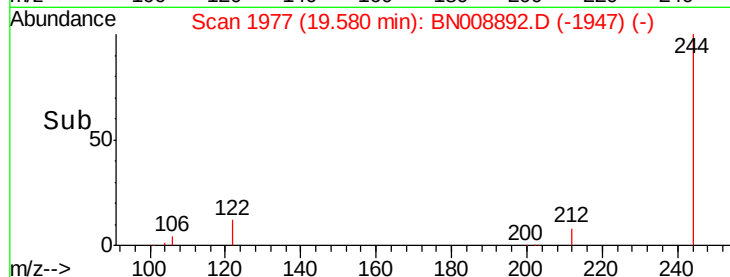
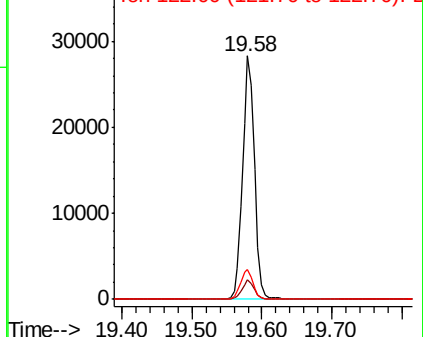
122 12.3 10.4 15.6



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: 0.717 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

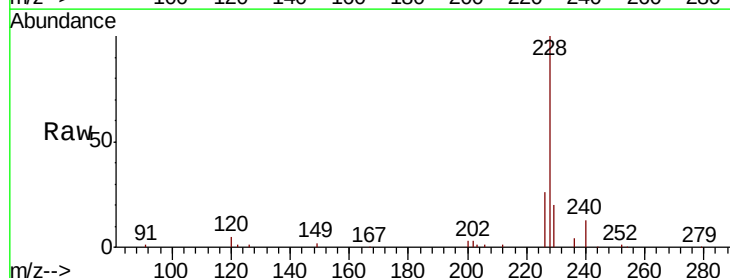
Tgt Ion:228 Resp: 51160

Ion Ratio Lower Upper

228 100

226 25.6 20.6 30.8

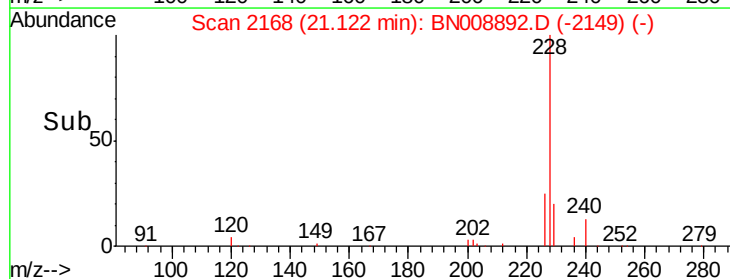
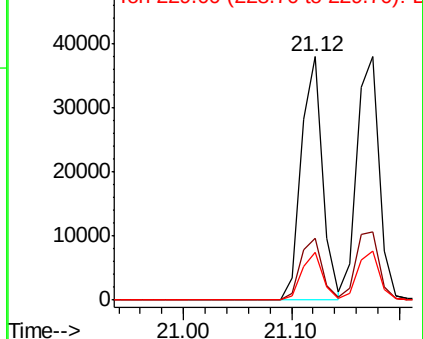
229 19.8 15.9 23.9

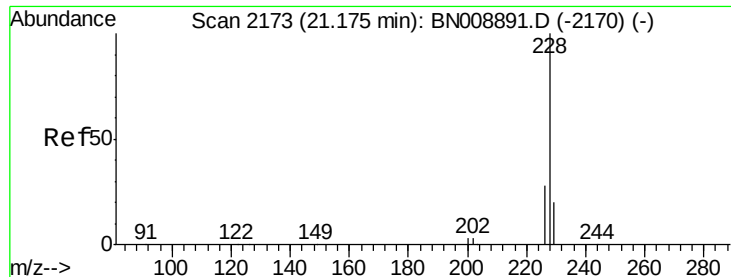


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.784 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

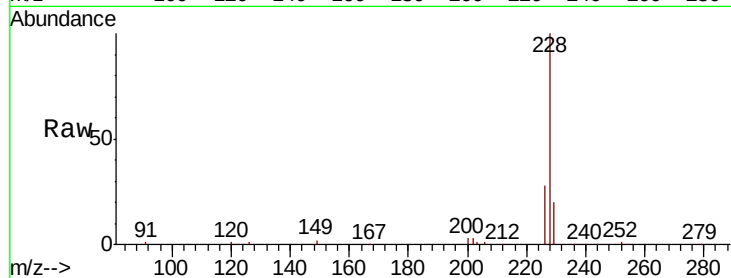
Tot Ion:228 Resp: 54305

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.9 15.9 23.9

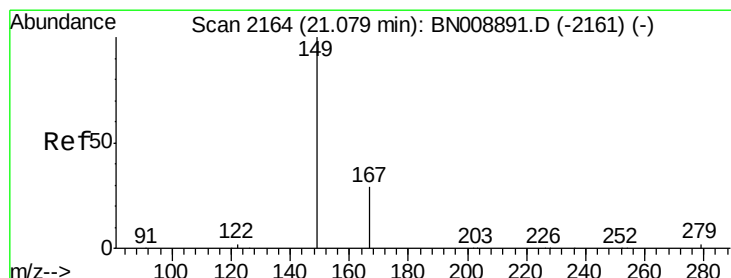
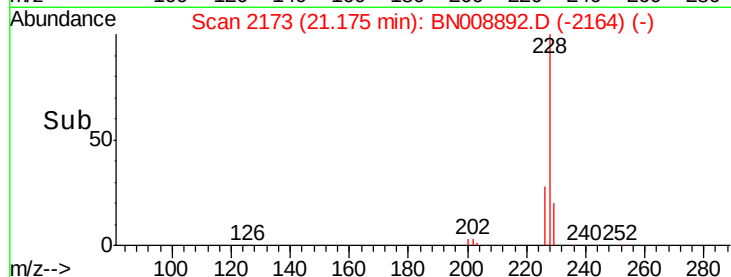
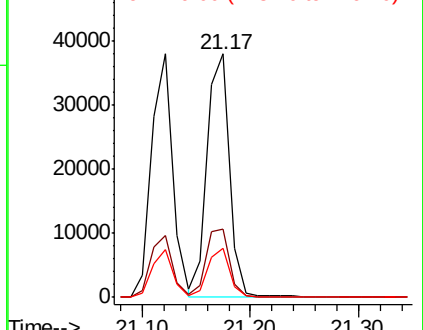


Abundance

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: 0.447 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

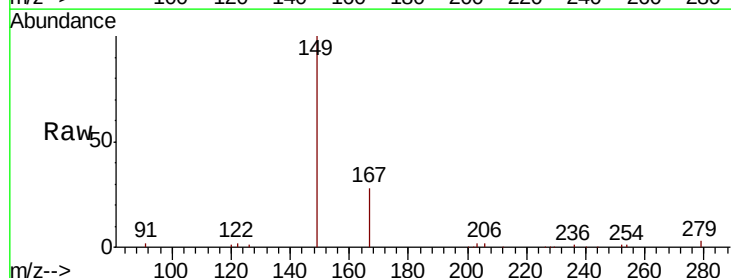
Tgt Ion:149 Resp: 21237

Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 3.8 3.3 4.9

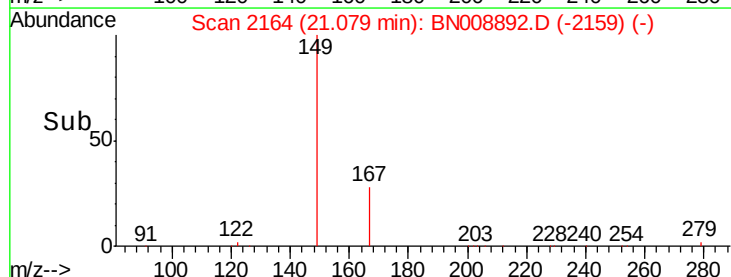
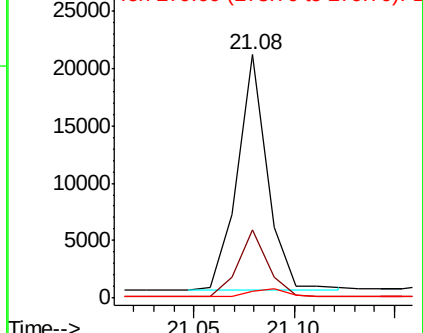


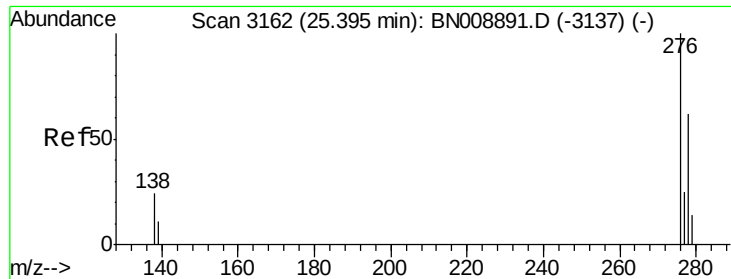
Abundance

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

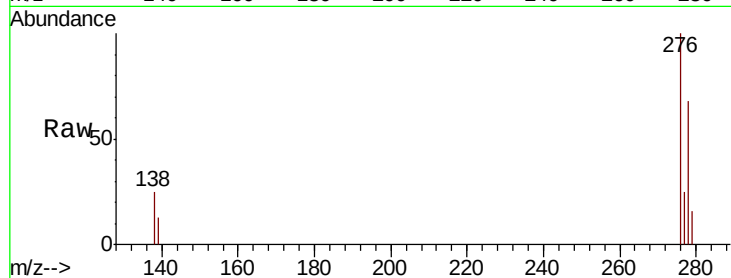




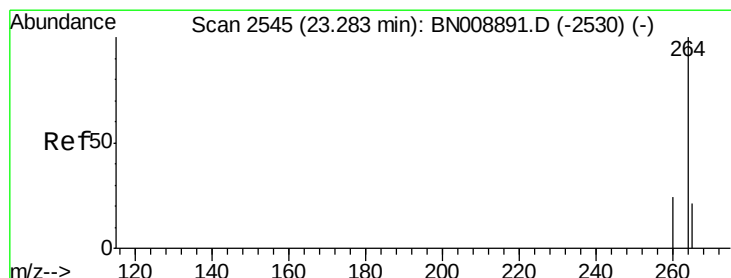
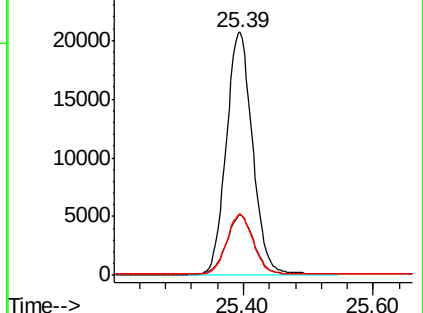
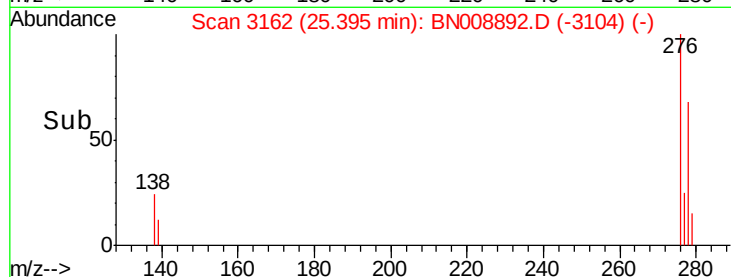
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.681 ng
 RT: 25.39 min Scan# 3162
 Delta R.T. 0.00 min
 Lab File: BN008892.D
 Acq: 09 Dec 2019 14:31

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tot Ion:276 Resp: 58176
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.9 29.9
 277 24.9 19.8 29.8

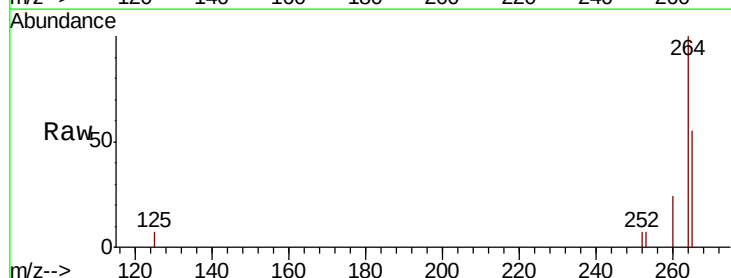


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

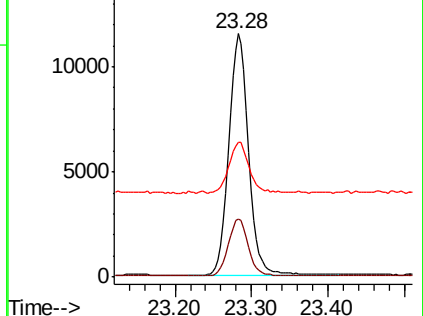
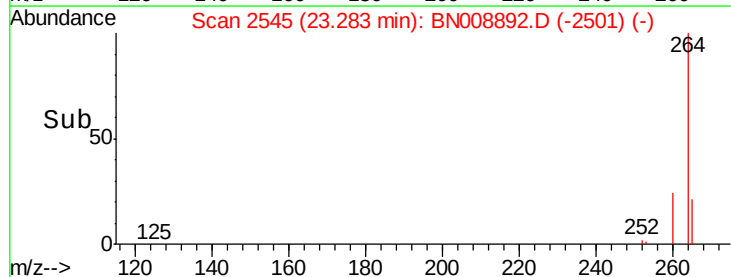


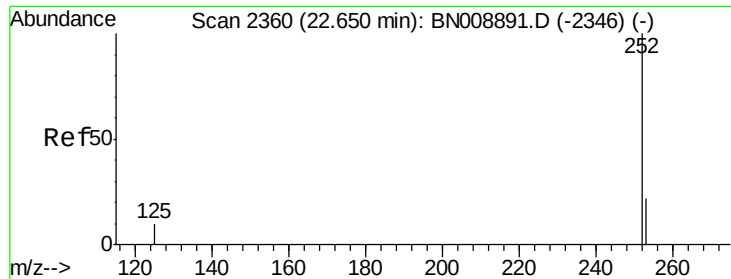
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BN008892.D
 Acq: 09 Dec 2019 14:31

Tgt Ion:264 Resp: 20772
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 55.4 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: 0.810 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

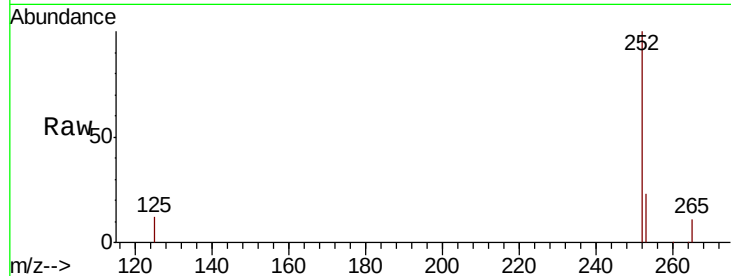
Tot Ion:252 Resp: 55870

Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.6

125 11.6 10.8 16.2

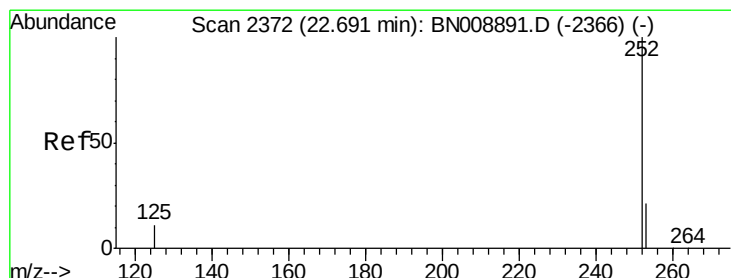
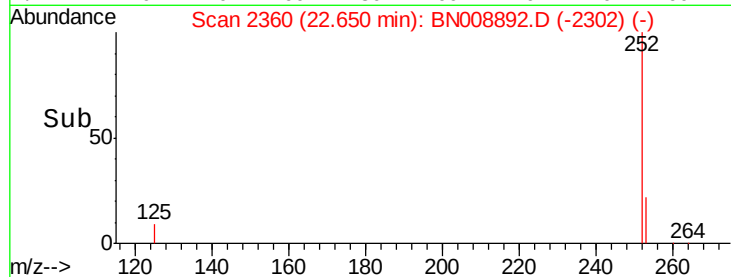
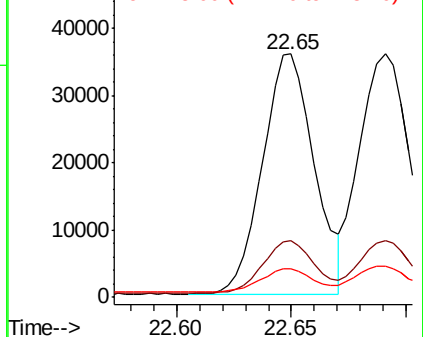


Abundance

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: 0.817 ng

RT: 22.69 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

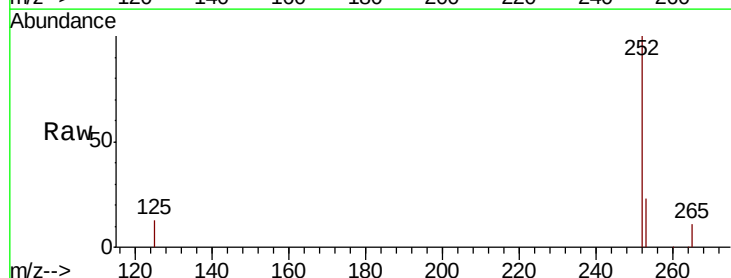
Tgt Ion:252 Resp: 55364

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

125 12.9 11.6 17.4

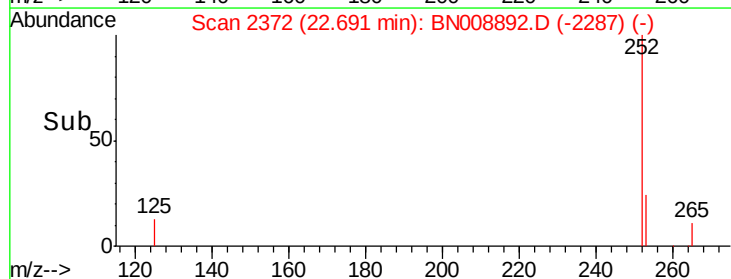
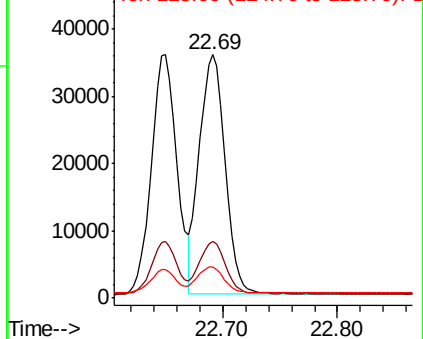


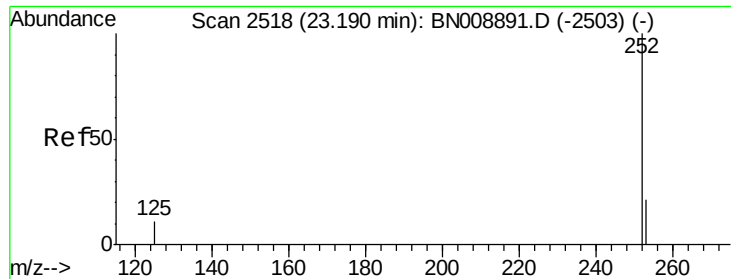
Abundance

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: 0.753 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

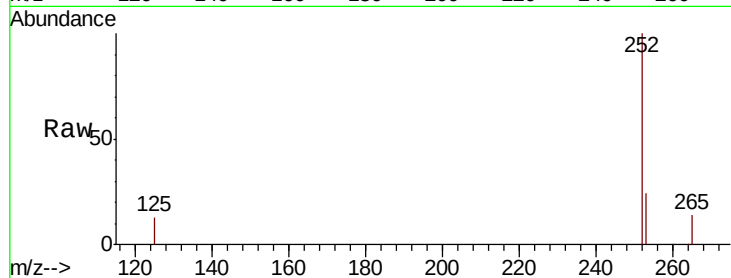
Tot Ion:252 Resp: 48979

Ion Ratio Lower Upper

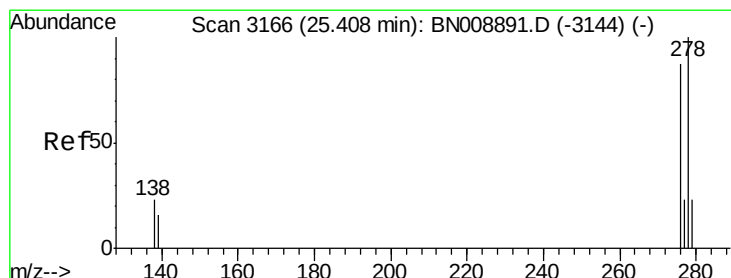
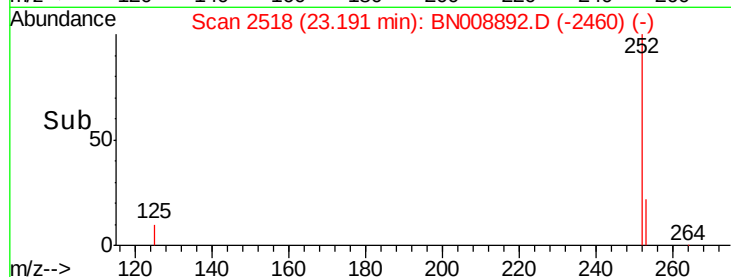
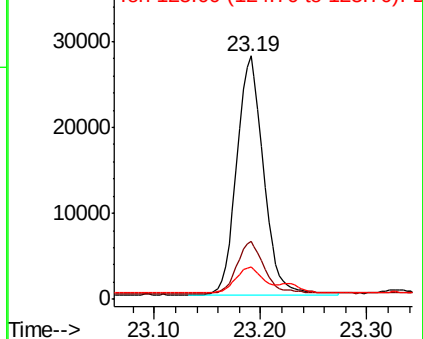
252 100

253 23.7 19.9 29.9

125 13.1 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: 0.712 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

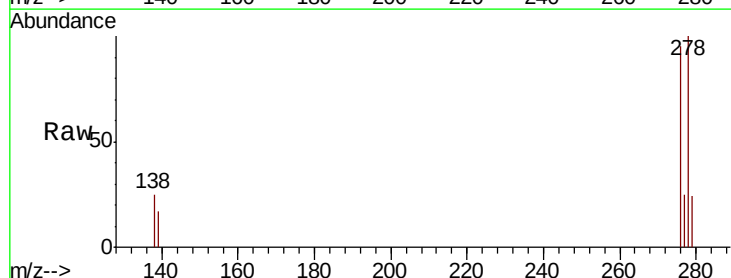
Tgt Ion:278 Resp: 47329

Ion Ratio Lower Upper

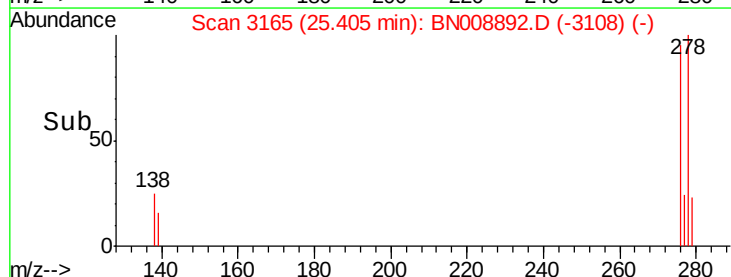
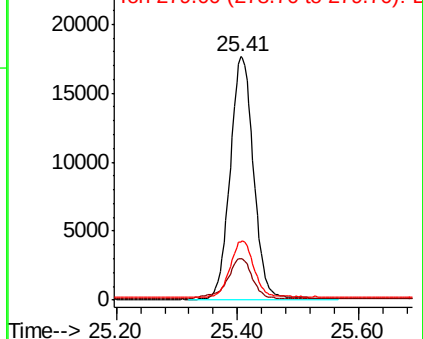
278 100

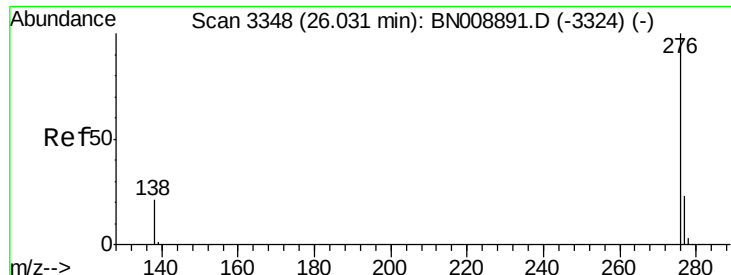
139 16.9 13.9 20.9

279 24.0 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: 0.692 ng

RT: 26.03 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BN008892.D

Acq: 09 Dec 2019 14:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

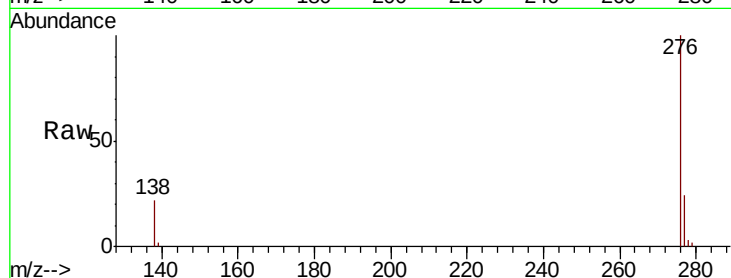
Tot Ion:276 Resp: 46542

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 21.8 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

