

Data Path : Z:\HPCHEM1\BNA E\Data\BE112015\
 Data File : BE091246.D
 Acq On : 20 Nov 2015 13:11
 Operator : UM/NP
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.476

Quant Time: Nov 21 02:31:03 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

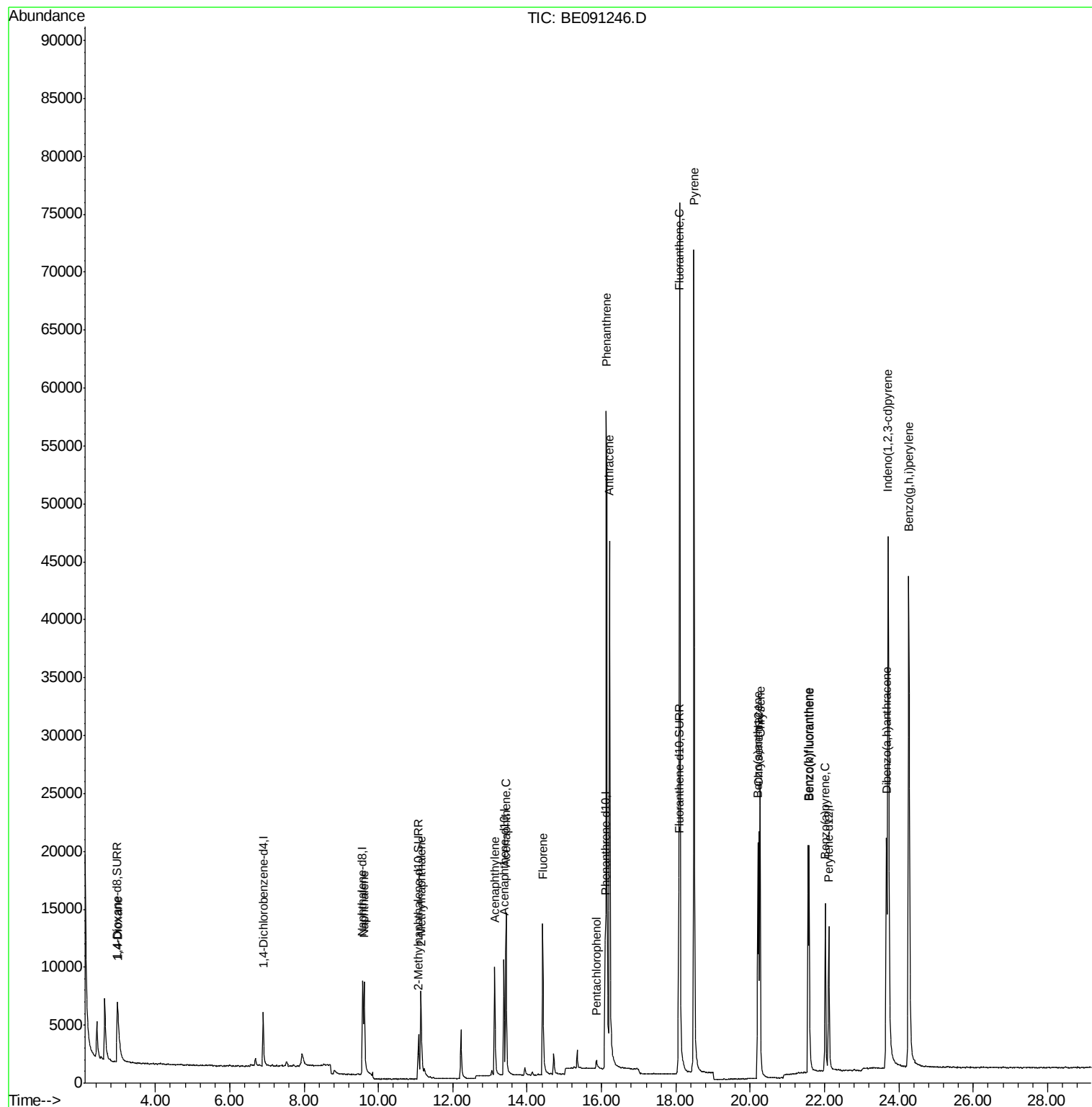
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2917	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	13178	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	6124	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	17406	0.40	ng/ul	0.01
18) Chrysene-d12	20.23	240	20206	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	15288	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	4474	2.13	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	6941	0.39	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	18175	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.99	88	5104	2.15	ng/ul#	73
5) Naphthalene	9.62	128	13501	0.42	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	7807	0.37	ng/ul	87
9) Acenaphthylene	13.12	152	12608	0.41	ng/ul	97
10) Acenaphthene	13.43	153	8985	0.43	ng/ul	90
11) Fluorene	14.42	166	11265	0.42	ng/ul	91
13) Pentachlorophenol	15.87	266	882	0.53	ng/ul	96
14) Phenanthrene	16.12	178	77523	0.39	ng/ul	99
15) Anthracene	16.21	178	70959	0.39	ng/ul	98
17) Fluoranthene	18.10	202	96550	0.41	ng/ul	89
19) Pyrene	18.49	202	90460	0.39	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	19356	0.37	ng/ul	99
21) Chrysene	20.27	228	25051	0.42	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	19303	0.40	ng/ul	94
24) Benzo(k)fluoranthene	21.59	252	23474	0.48	ng/ul	95
25) Benzo(a)pyrene	22.02	252	19106	0.43	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.71	276	75867	0.41	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.66	278	17888	0.41	ng/ul#	71
28) Benzo(g,h,i)perylene	24.26	276	79227	0.41	ng/ul	95

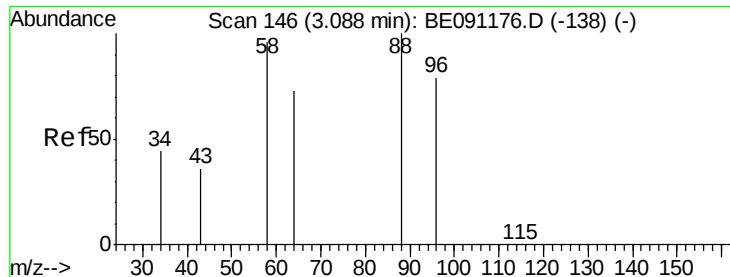
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE112015\
Data File : BE091246.D
Acq On : 20 Nov 2015 13:11
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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SSTD0.476

Quant Time: Nov 21 02:31:03 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

1,4-Dioxane

Concen: 2.15 ng/ul

RT: 2.99 min Scan# 131

Delta R.T. -0.03 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

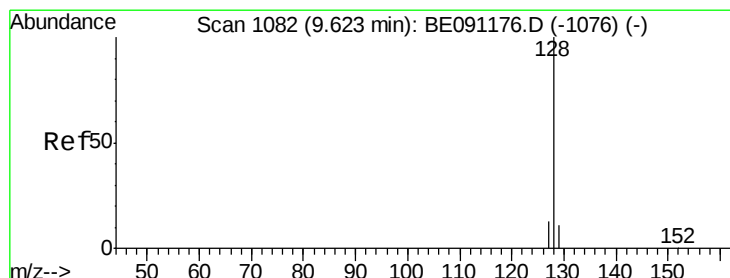
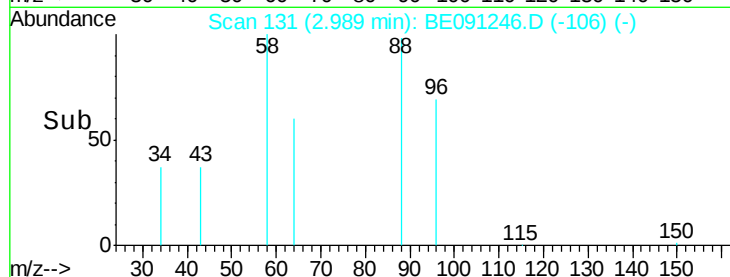
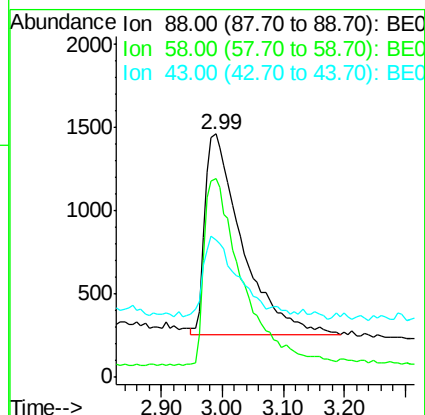
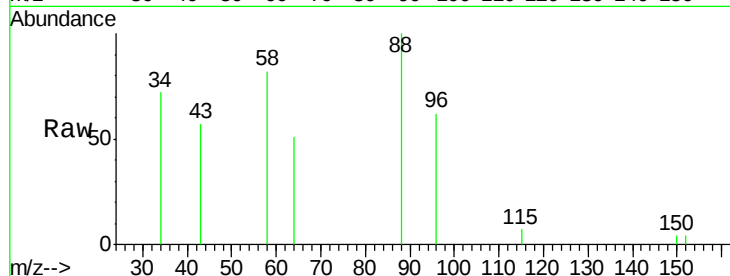
Tot Ion: 88 Resp: 5104

Ion Ratio Lower Upper

88 100

58 96.4 55.4 83.2#

43 37.6 24.2 36.2#



#5

Naphthalene

Concen: 0.42 ng/ul

RT: 9.62 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

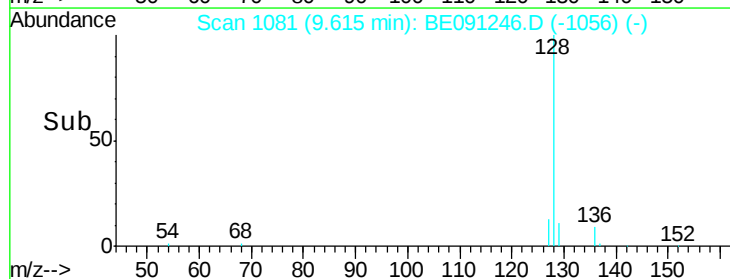
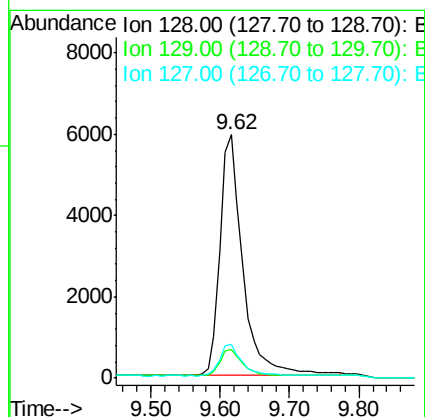
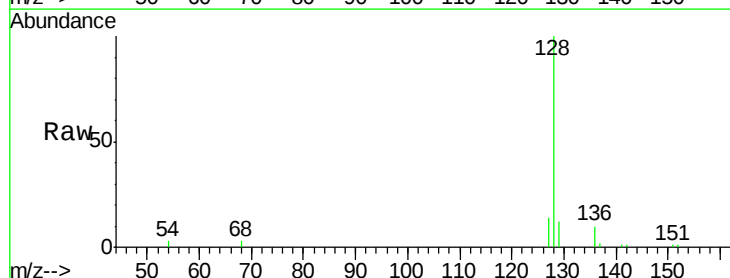
Tgt Ion: 128 Resp: 13501

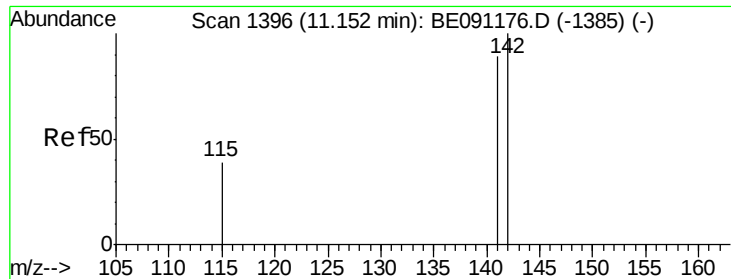
Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

127 13.7 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 11.14 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

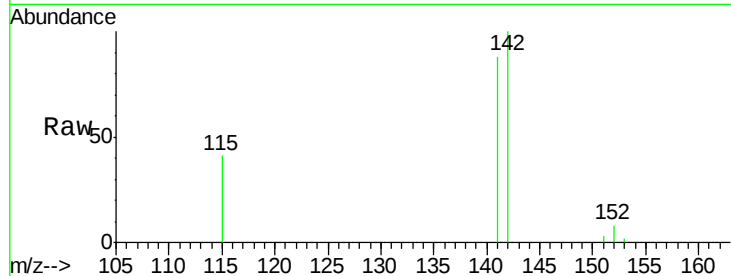
SSTD0.476

Tot Ion:142 Resp: 7807

Ion Ratio Lower Upper

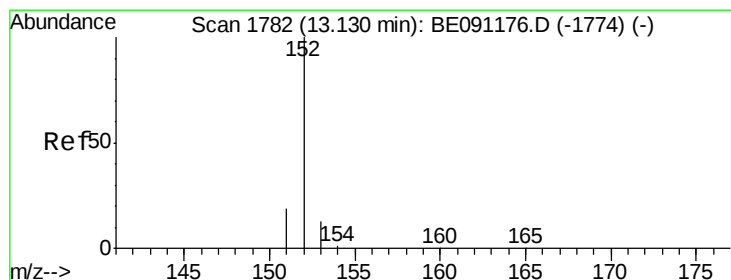
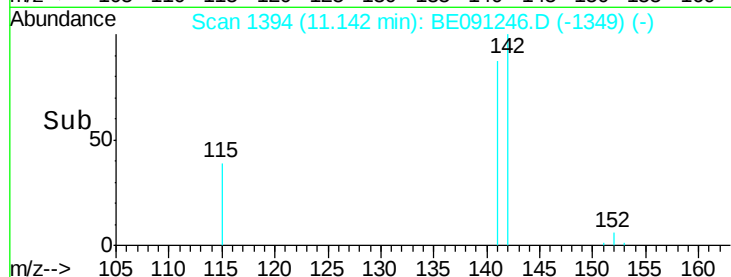
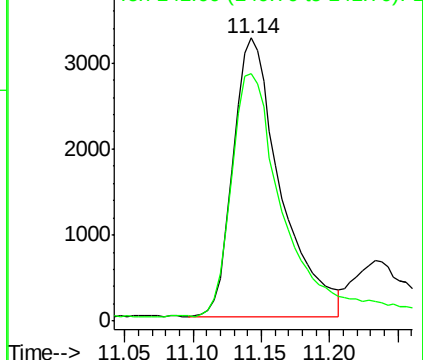
142 100

141 99.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.41 ng/ul

RT: 13.12 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

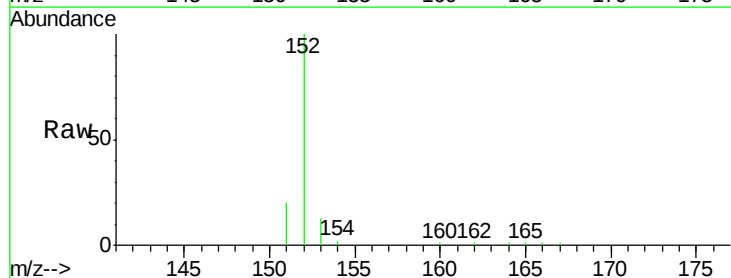
Tgt Ion:152 Resp: 12608

Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

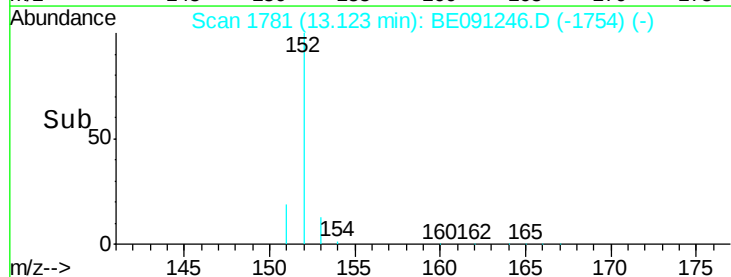
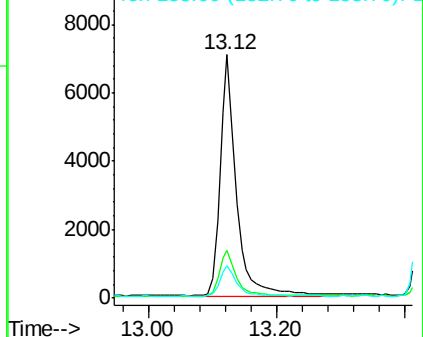
153 13.4 11.3 16.9

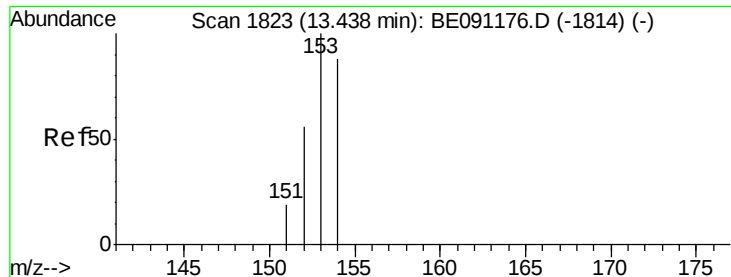


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.43 ng/ul

RT: 13.43 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

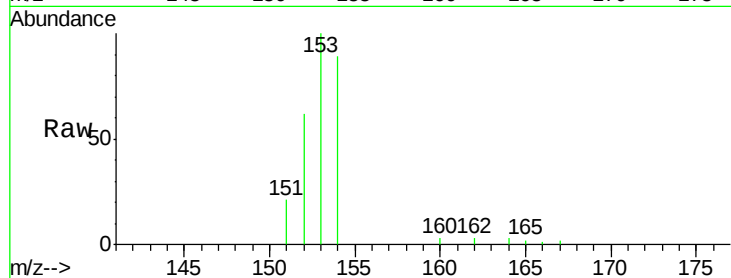
Tot Ion:153 Resp: 8985

Ion Ratio Lower Upper

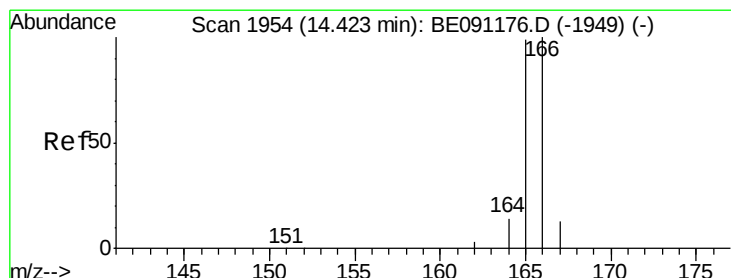
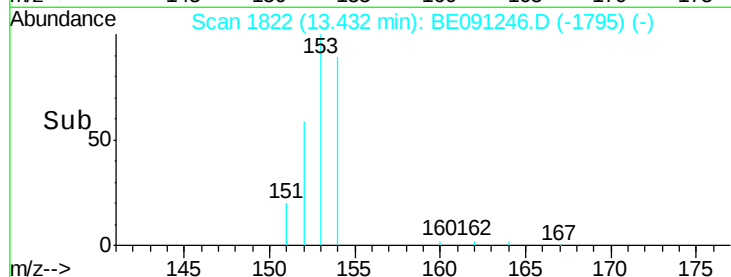
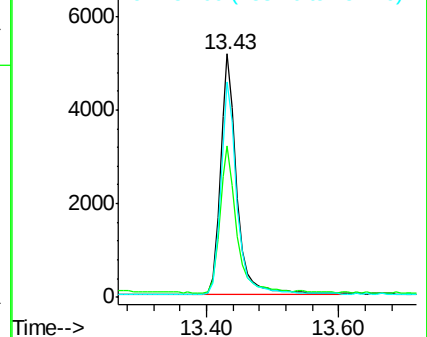
153 100

152 62.0 42.3 63.5

154 88.7 64.7 97.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 0.42 ng/ul

RT: 14.42 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

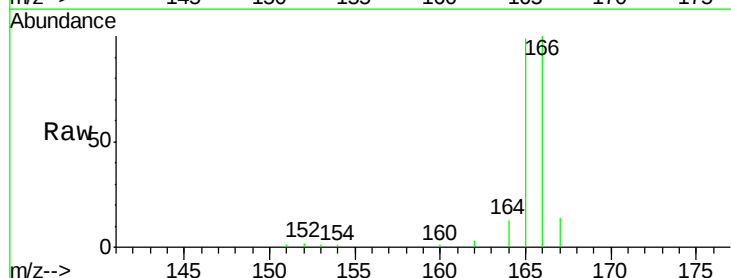
Tgt Ion:166 Resp: 11265

Ion Ratio Lower Upper

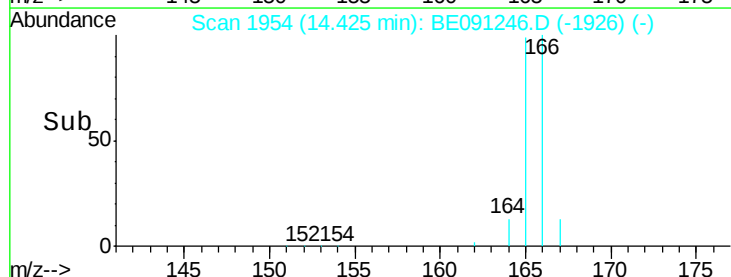
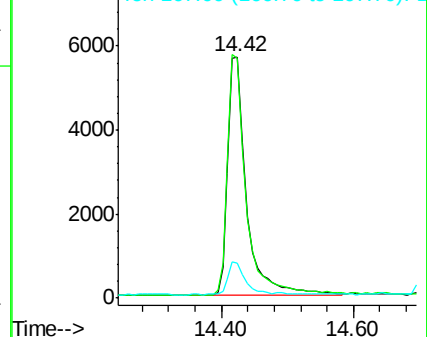
166 100

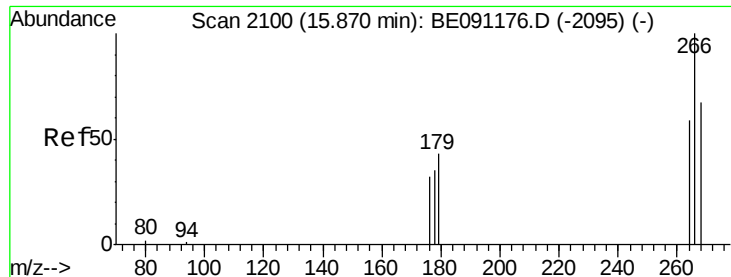
165 99.5 87.6 131.4

167 14.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

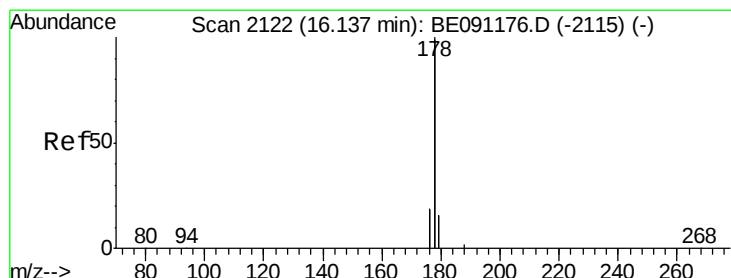
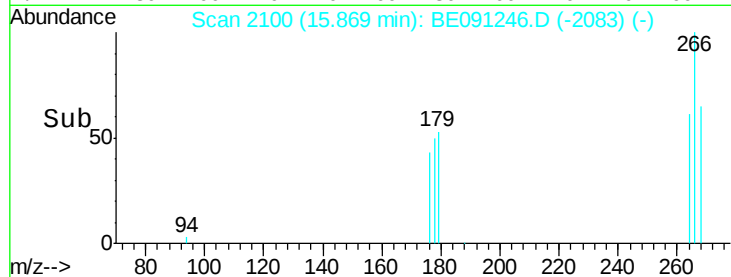
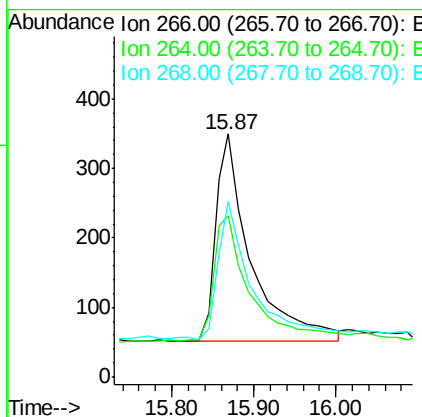
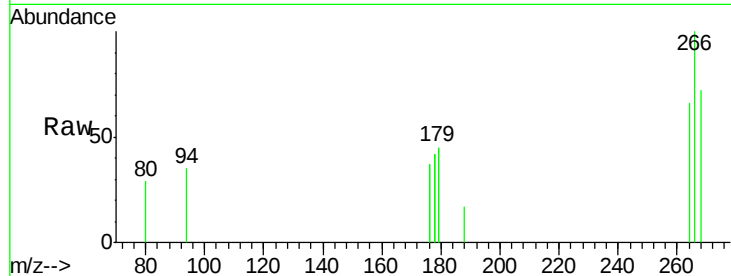




#13
 Pentachlorophenol
 Concen: 0.53 ng/ul
 RT: 15.87 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BE091246.D
 Acq: 20 Nov 2015 13:11

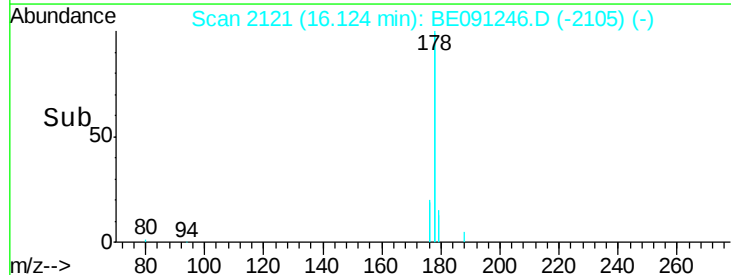
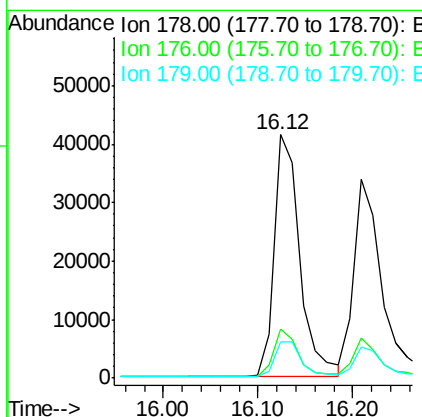
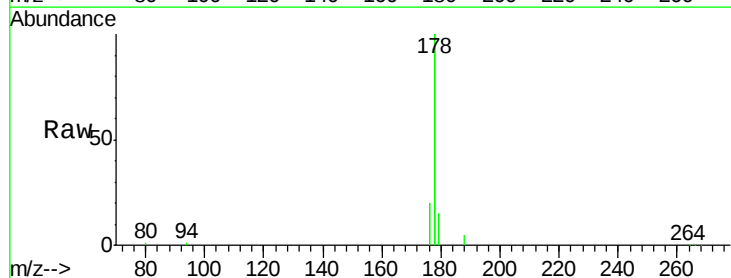
Instrument :
 BNA_E
 ClientSampleId :
 SST0.476

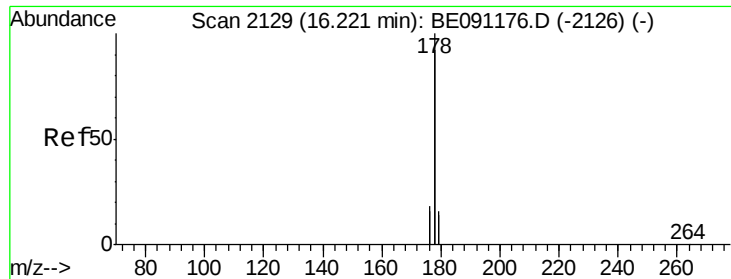
Tot Ion:266 Resp: 882
 Ion Ratio Lower Upper
 266 100
 264 65.1 53.5 80.3
 268 62.4 54.2 81.2



#14
 Phenanthrene
 Concen: 0.39 ng/ul
 RT: 16.12 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BE091246.D
 Acq: 20 Nov 2015 13:11

Tgt Ion:178 Resp: 77523
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 14.9 12.8 19.2





#15

Anthracene

Concen: 0.39 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

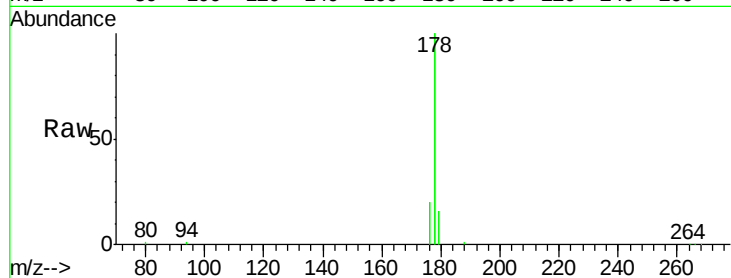
Tot Ion:178 Resp: 70959

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

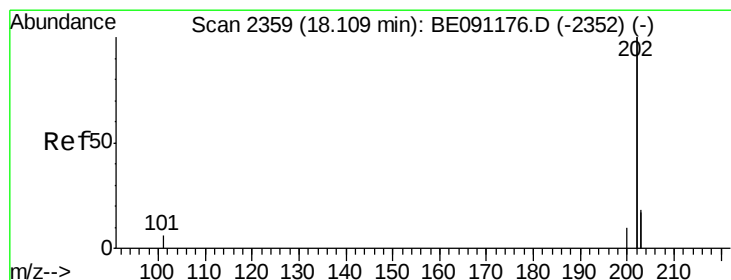
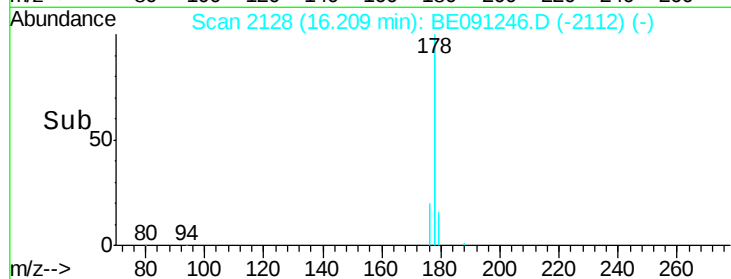
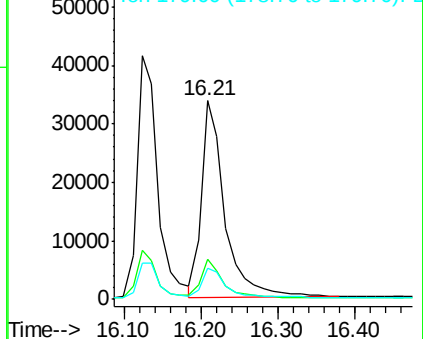
179 15.6 13.3 19.9



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



#17

Fluoranthene

Concen: 0.41 ng/ul

RT: 18.10 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

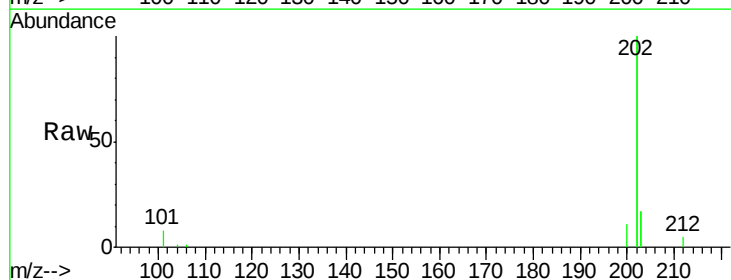
Tgt Ion:202 Resp: 96550

Ion Ratio Lower Upper

202 100

101 3.8 0.0 33.1

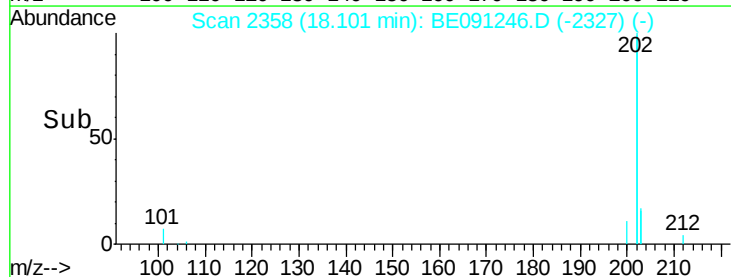
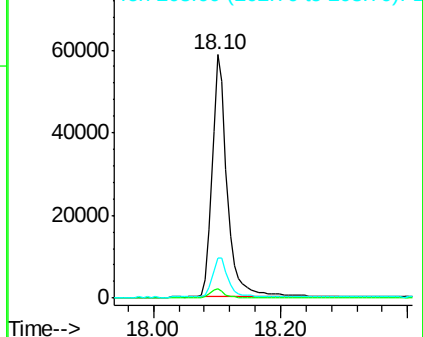
203 16.7 0.0 37.2

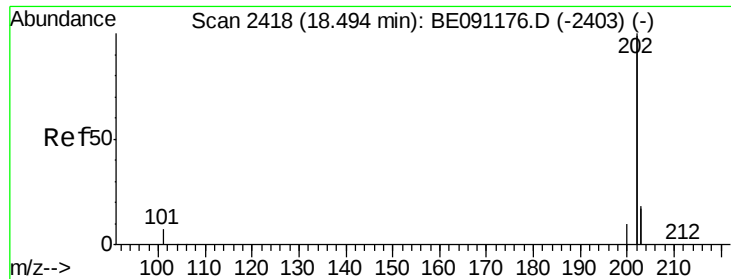


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.39 ng/ul

RT: 18.49 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

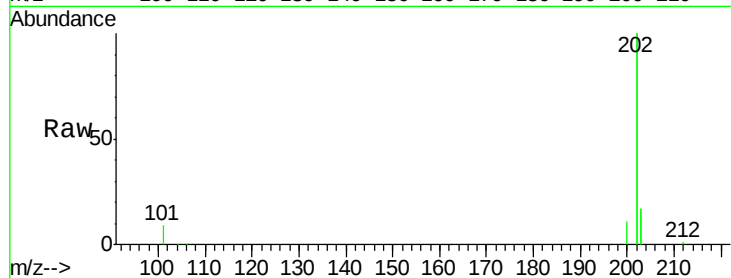
Tot Ion:202 Resp: 90460

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

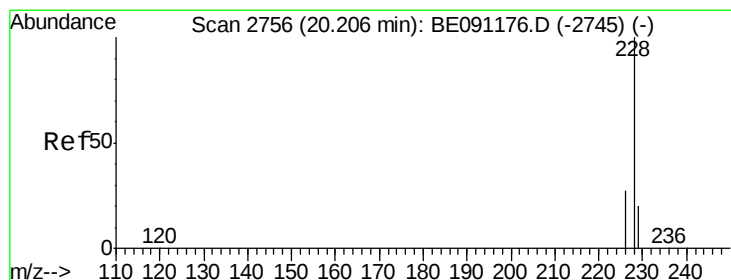
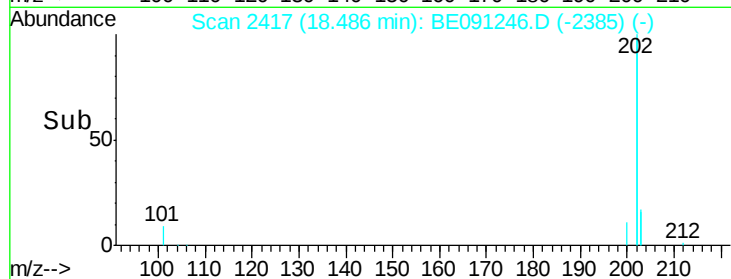
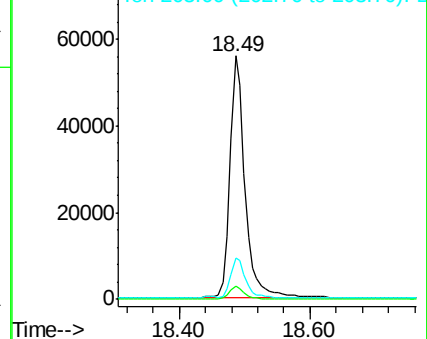
203 17.3 13.8 20.6



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



#20

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 20.20 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

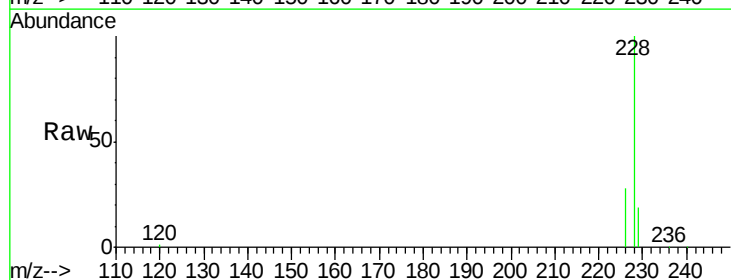
Tgt Ion:228 Resp: 19356

Ion Ratio Lower Upper

228 100

226 27.7 23.0 34.4

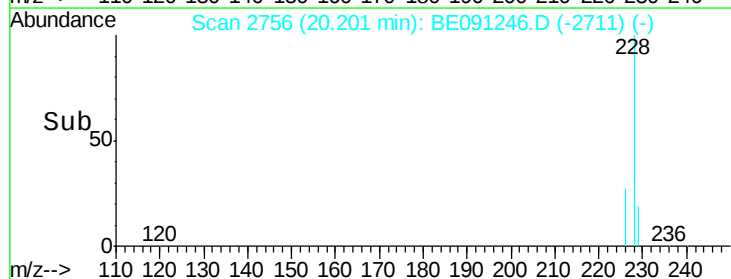
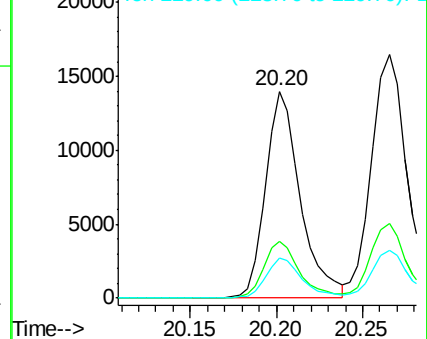
229 19.1 15.2 22.8

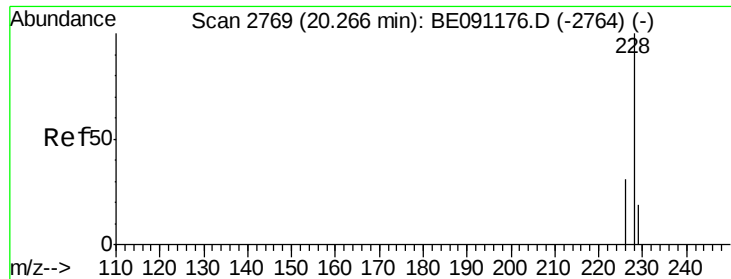


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.42 ng/ul

RT: 20.27 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

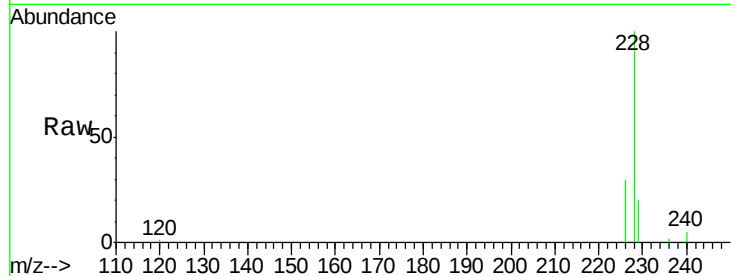
Tot Ion:228 Resp: 25051

Ion Ratio Lower Upper

228 100

226 30.4 25.7 38.5

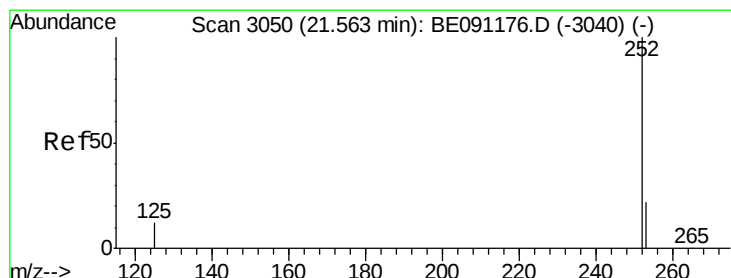
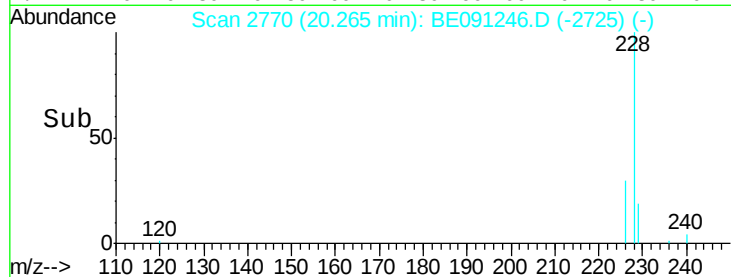
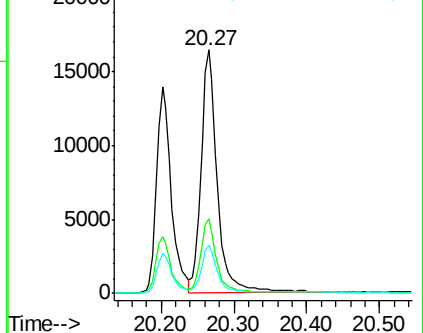
229 19.7 15.2 22.8



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



#23

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

RT: 21.56 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

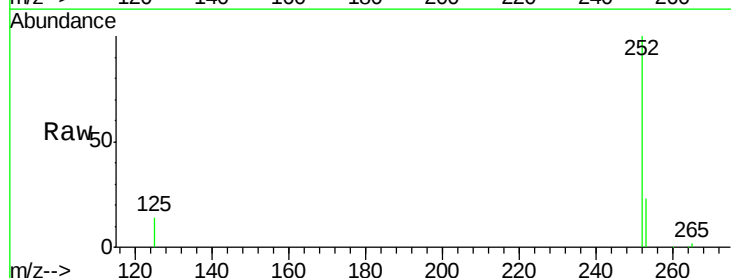
Tgt Ion:252 Resp: 19303

Ion Ratio Lower Upper

252 100

253 22.8 0.0 48.0

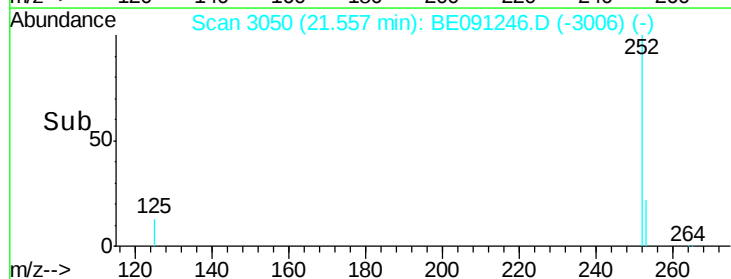
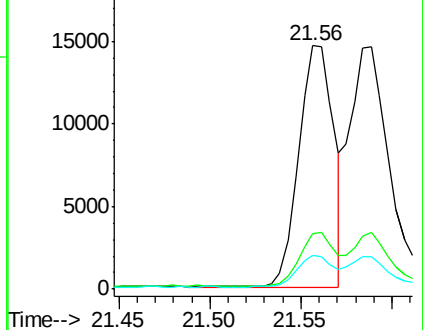
125 13.6 0.0 36.6

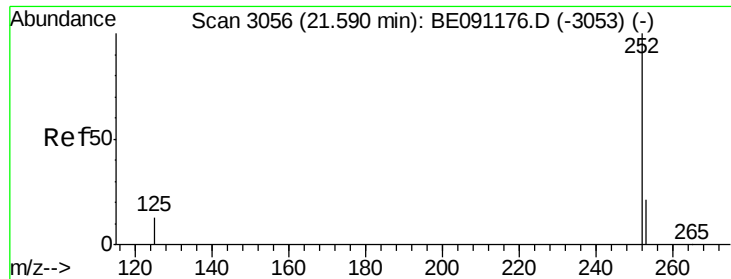


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.48 ng/ul

RT: 21.59 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

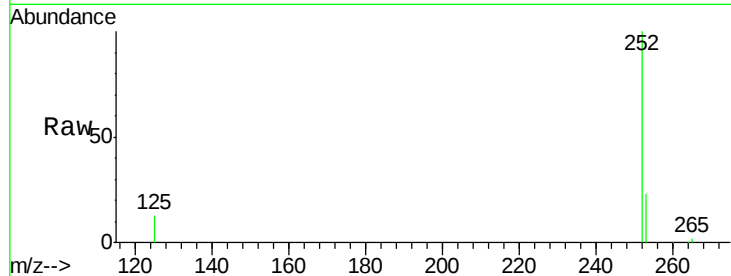
Tot Ion:252 Resp: 23474

Ion Ratio Lower Upper

252 100

253 23.5 20.8 31.2

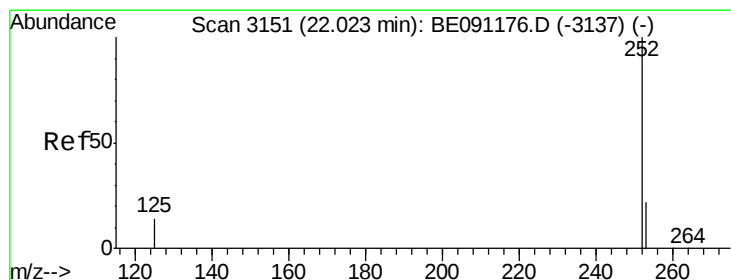
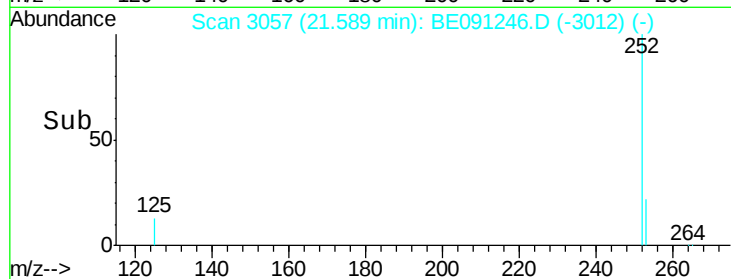
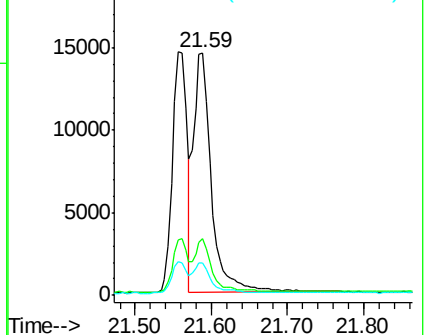
125 13.4 12.2 18.4



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



#25

Benzo(a)pyrene

Concen: 0.43 ng/ul

RT: 22.02 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

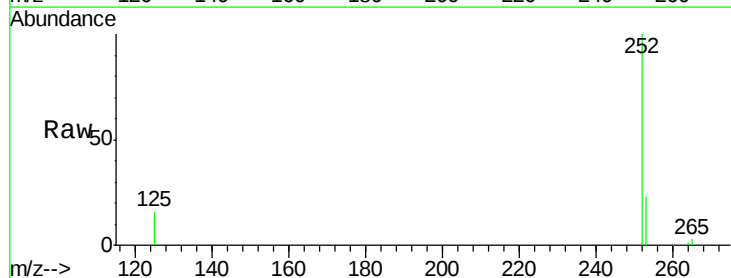
Tgt Ion:252 Resp: 19106

Ion Ratio Lower Upper

252 100

253 23.0 21.8 32.8

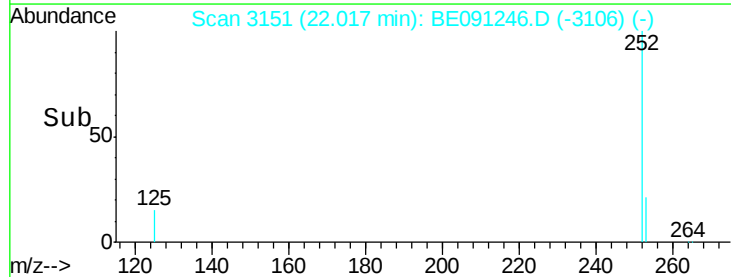
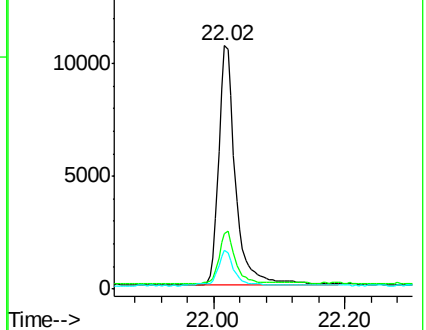
125 16.1 14.5 21.7

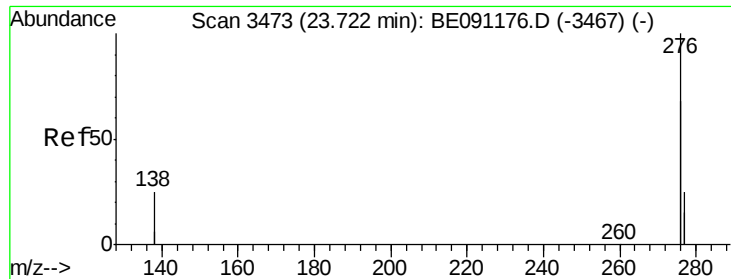


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

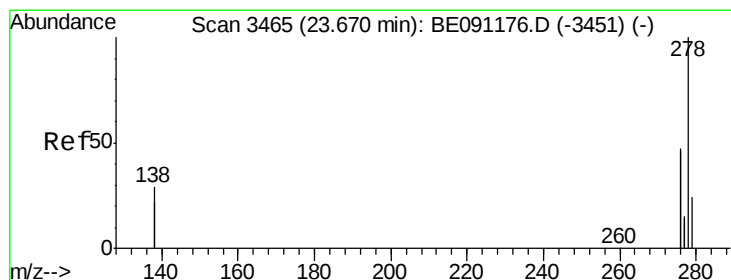
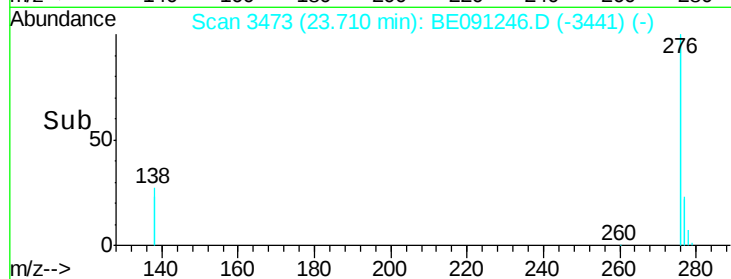
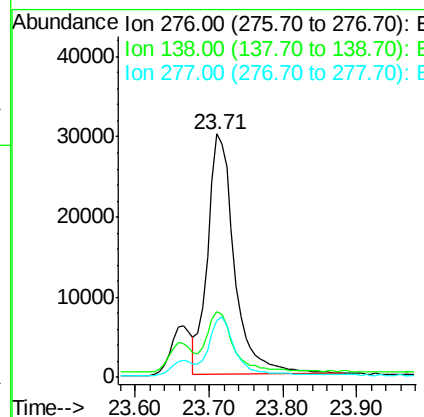
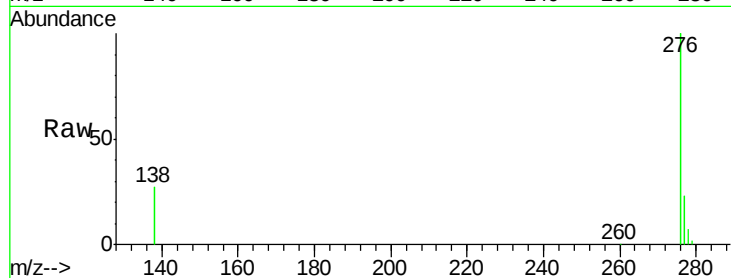




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng/ul
 RT: 23.71 min Scan# 3473
 Delta R.T. 0.01 min
 Lab File: BE091246.D
 Acq: 20 Nov 2015 13:11

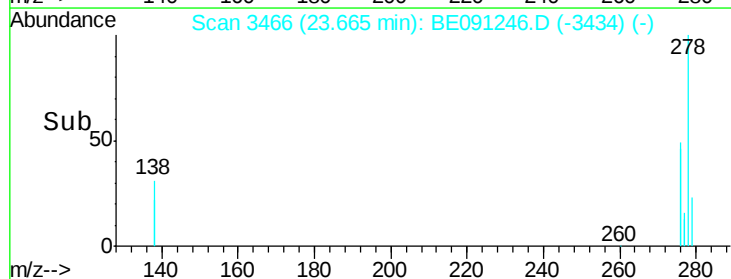
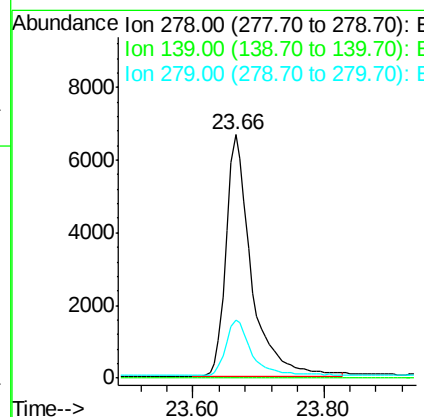
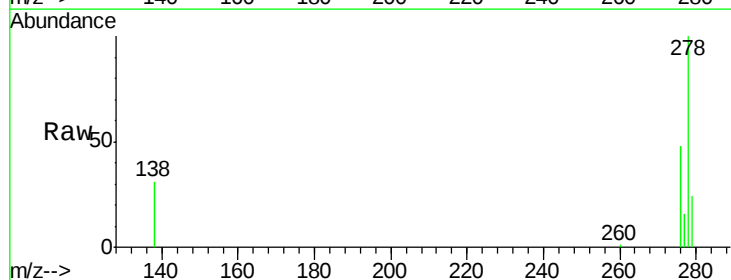
Instrument :
 BNA_E
 ClientSampleId :
 SST0.476

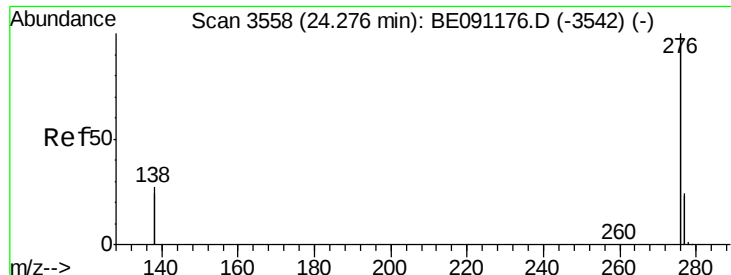
Tot Ion:276 Resp: 75867
 Ion Ratio Lower Upper
 276 100
 138 24.7 27.5 41.3#
 277 24.2 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.41 ng/ul
 RT: 23.66 min Scan# 3466
 Delta R.T. 0.01 min
 Lab File: BE091246.D
 Acq: 20 Nov 2015 13:11

Tgt Ion:278 Resp: 17888
 Ion Ratio Lower Upper
 278 100
 139 0.0 21.7 32.5#
 279 24.0 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 0.41 ng/ul

RT: 24.26 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BE091246.D

Acq: 20 Nov 2015 13:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

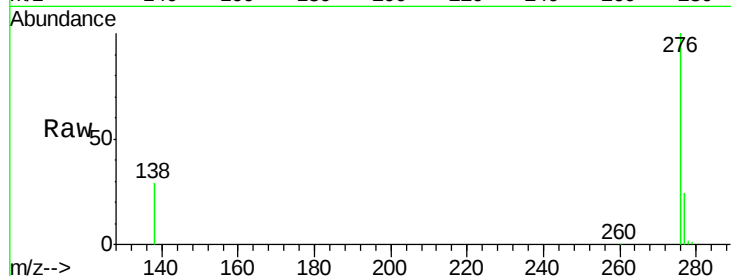
Tot Ion: 276 Resp: 79227

Ion Ratio Lower Upper

276 100

277 23.9 21.3 31.9

138 29.5 25.5 38.3



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

