

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091294.D
 Acq On : 22 Nov 2015 11:24
 Operator : UM/NP
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.485

Quant Time: Nov 23 00:45:15 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 : Mon Nov 23 00:41:30 2015
 Response via : Initial Calibration

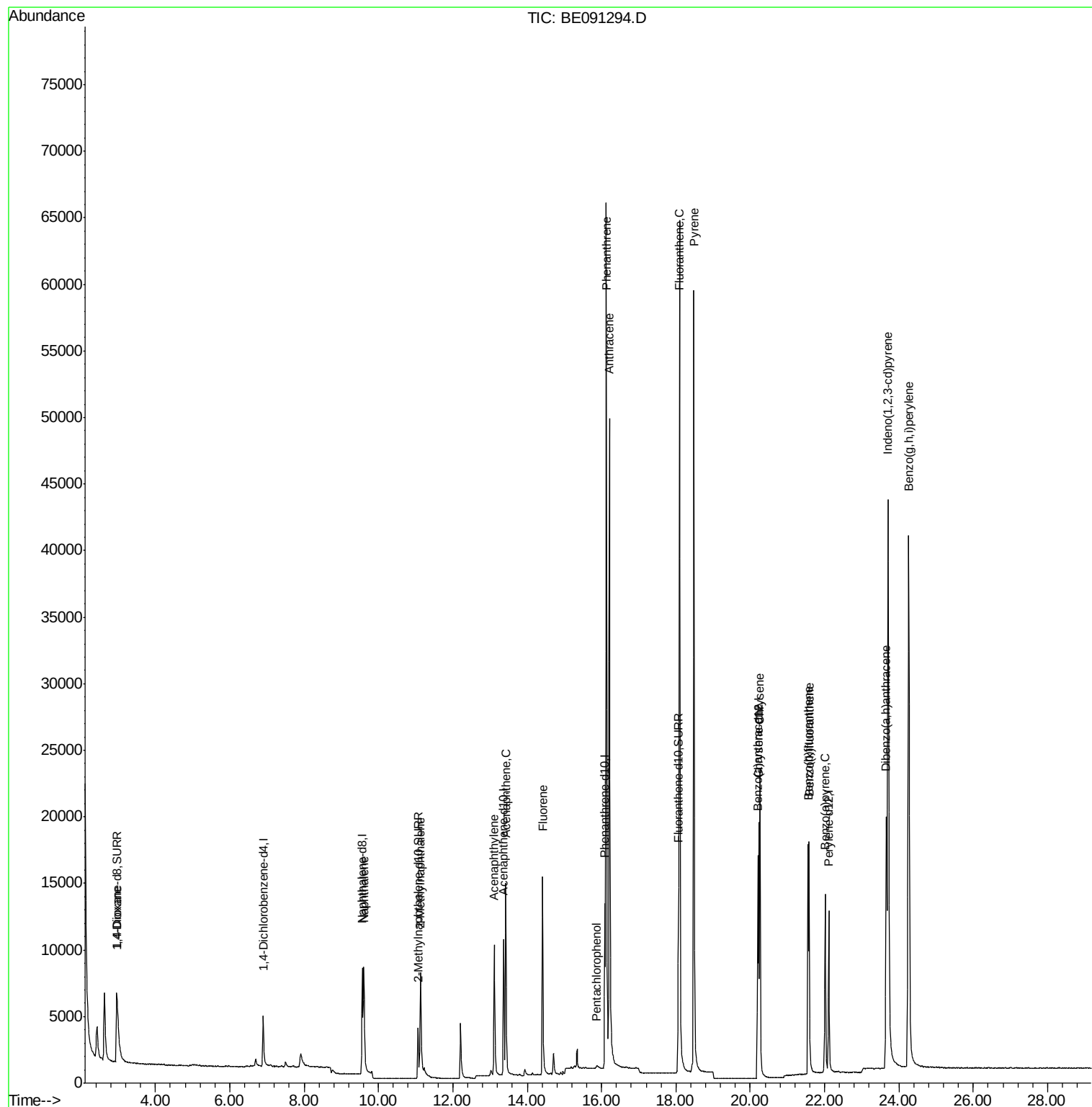
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2790	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	13410	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	6196	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	15759	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	16829	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	13607	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	4238	2.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.06	152	6909	0.38	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	15776	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.98	88	4666	2.06	ng/ul#	65
5) Naphthalene	9.61	128	13594	0.41	ng/ul	100
7) 2-Methylnaphthalene	11.13	142	7949	0.37	ng/ul	88
9) Acenaphthylene	13.12	152	13144	0.42	ng/ul	98
10) Acenaphthene	13.42	153	9046	0.43	ng/ul#	87
11) Fluorene	14.42	166	11142	0.41	ng/ul	90
13) Pentachlorophenol	15.87	266	409	0.27	ng/ul	95
14) Phenanthrene	16.13	178	73428	0.40	ng/ul	98
15) Anthracene	16.21	178	67368	0.41	ng/ul	97
17) Fluoranthene	18.09	202	82092	0.39	ng/ul	90
19) Pyrene	18.49	202	75325	0.39	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	16169	0.37	ng/ul	98
21) Chrysene	20.26	228	20780	0.42	ng/ul	97
23) Benzo(b)fluoranthene	21.56	252	17852	0.42	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	19364	0.44	ng/ul	93
25) Benzo(a)pyrene	22.02	252	16908	0.43	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.71	276	67890	0.41	ng/ul#	92
27) Dibenzo(a,h)anthracene	23.66	278	16047	0.41	ng/ul#	72
28) Benzo(g,h,i)perylene	24.26	276	72053	0.42	ng/ul	94

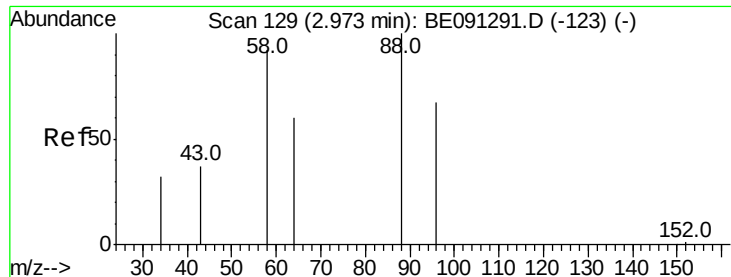
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091294.D
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ALS Vial : 2 Sample Multiplier: 1

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#3

1,4-Dioxane

Concen: 2.06 ng/ul

RT: 2.98 min Scan# 129

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

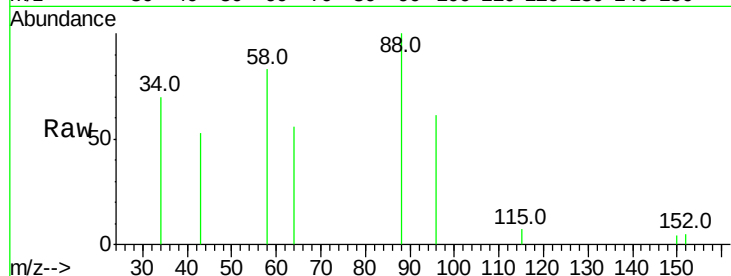
Tot Ion: 88 Resp: 4666

Ion Ratio Lower Upper

88 100

58 102.9 55.4 83.2#

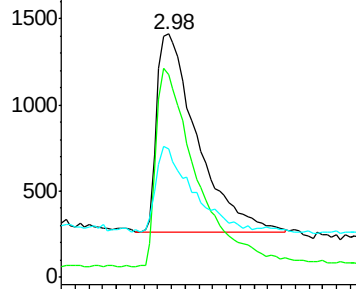
43 40.7 24.2 36.2#



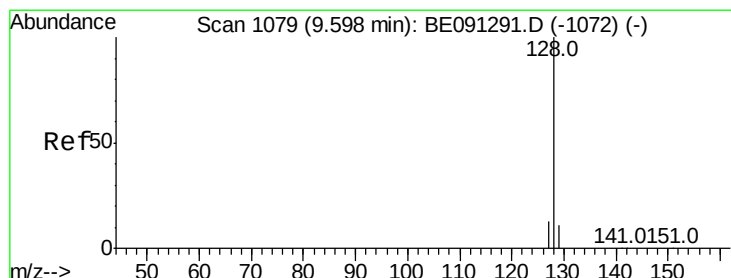
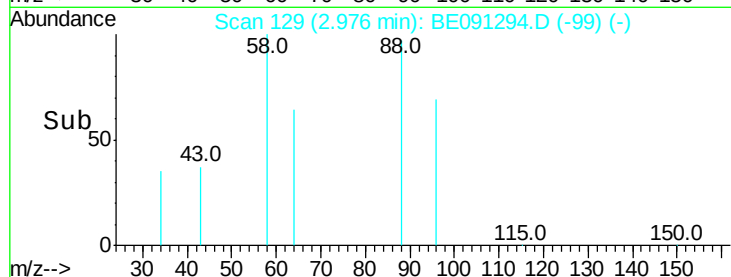
Abundance Ion 88.00 (87.70 to 88.70): BE091291.D (-123) (-)

Ion 58.00 (57.70 to 58.70): BE091291.D (-123) (-)

Ion 43.00 (42.70 to 43.70): BE091291.D (-123) (-)



Time-->



#5

Naphthalene

Concen: 0.41 ng/ul

RT: 9.61 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

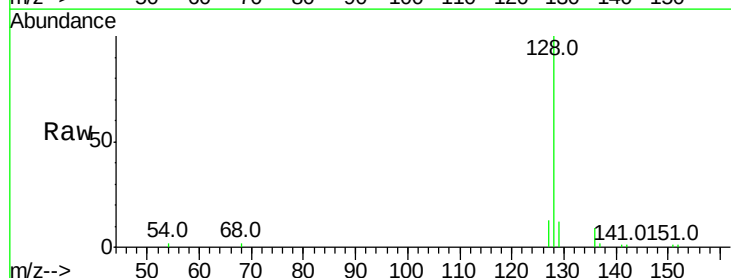
Tgt Ion: 128 Resp: 13594

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

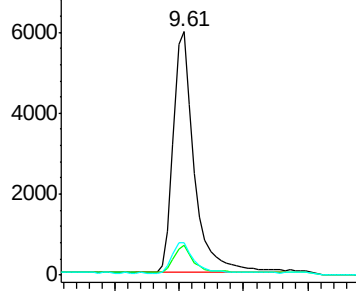
127 13.4 10.7 16.1



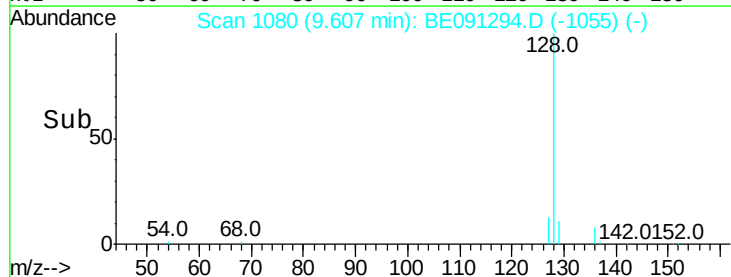
Abundance Ion 128.00 (127.70 to 128.70): BE091291.D (-1072) (-)

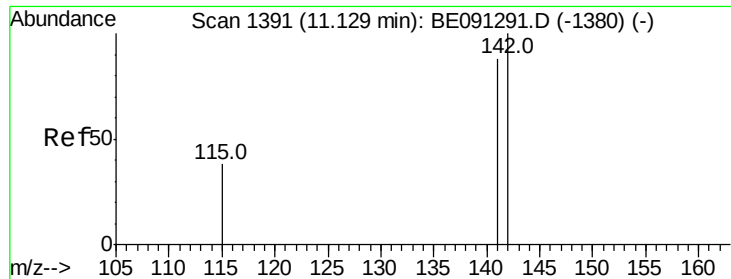
Ion 129.00 (128.70 to 129.70): BE091291.D (-1072) (-)

Ion 127.00 (126.70 to 127.70): BE091291.D (-1072) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 11.13 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

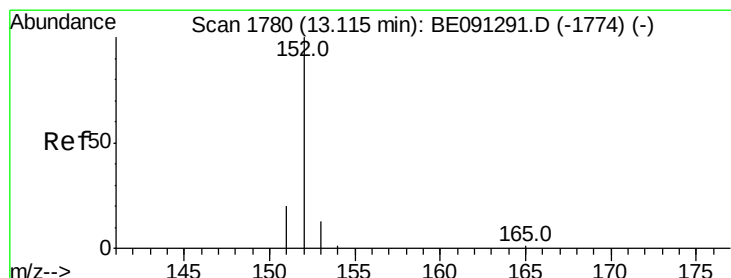
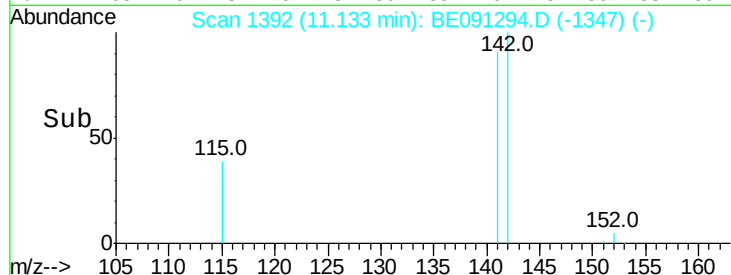
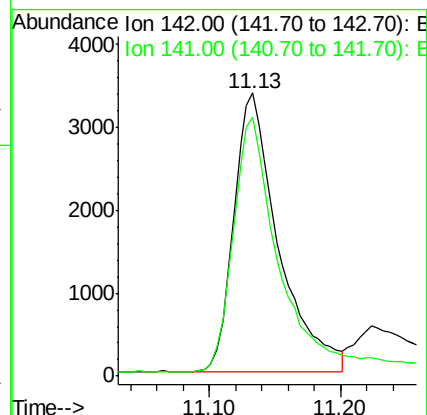
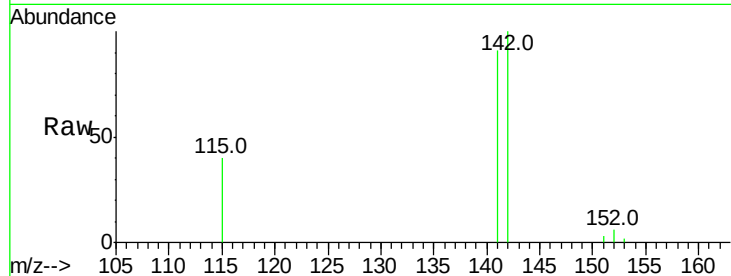
SSTD0.485

Tot Ion:142 Resp: 7949

Ion Ratio Lower Upper

142 100

141 99.1 70.3 105.5



#9

Acenaphthylene

Concen: 0.42 ng/ul

RT: 13.12 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

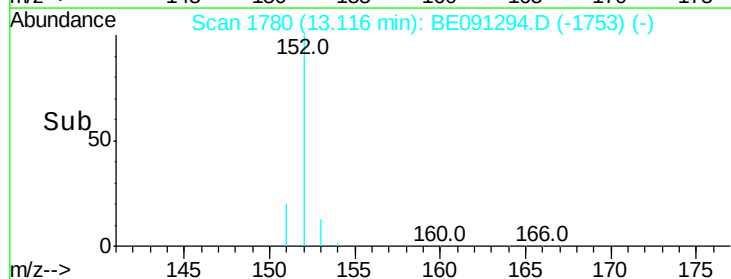
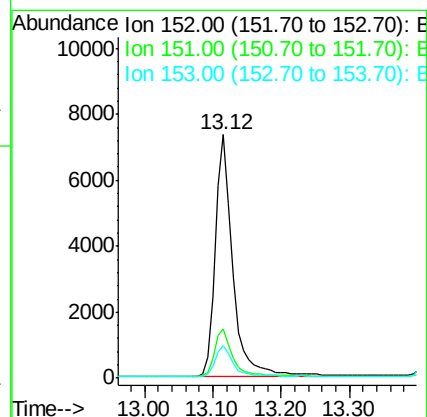
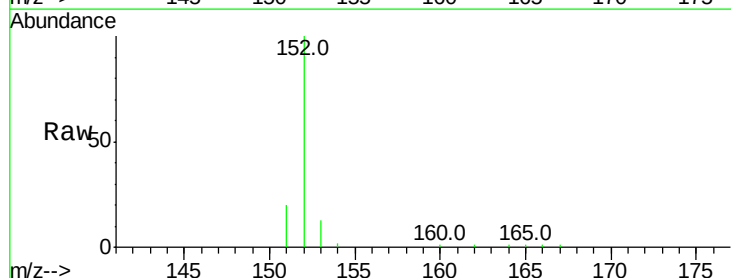
Tgt Ion:152 Resp: 13144

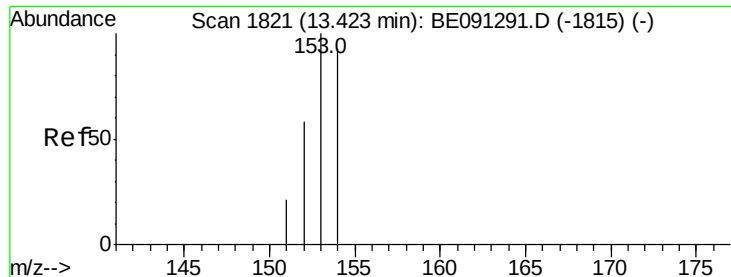
Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 13.4 11.3 16.9





#10

Acenaphthene

Concen: 0.43 ng/ul

RT: 13.42 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

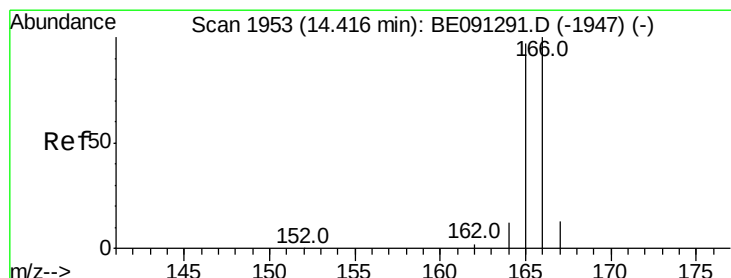
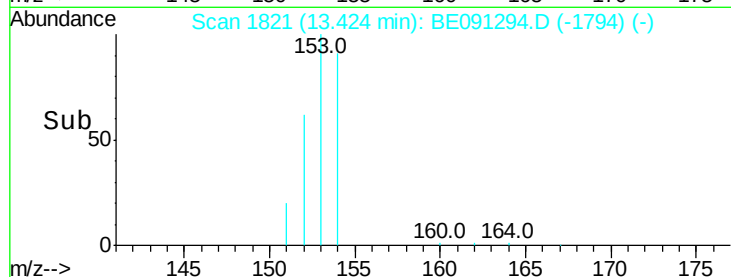
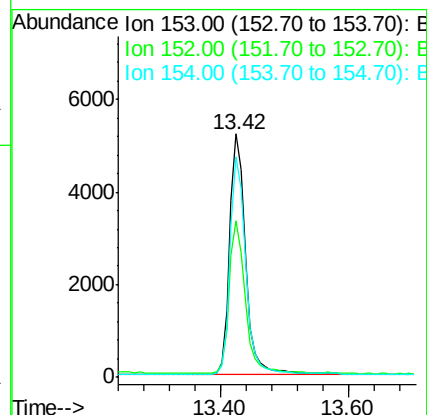
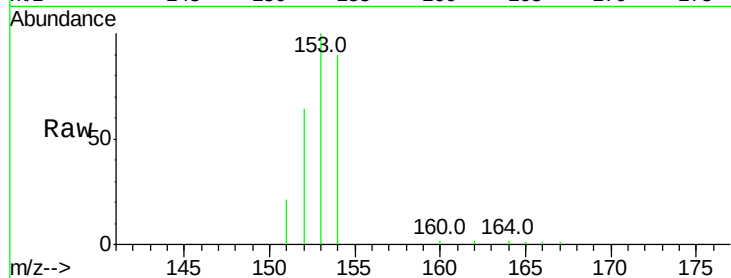
Tot Ion:153 Resp: 9046

Ion Ratio Lower Upper

153 100

152 64.4 42.3 63.5#

154 90.4 64.7 97.1



#11

Fluorene

Concen: 0.41 ng/ul

RT: 14.42 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

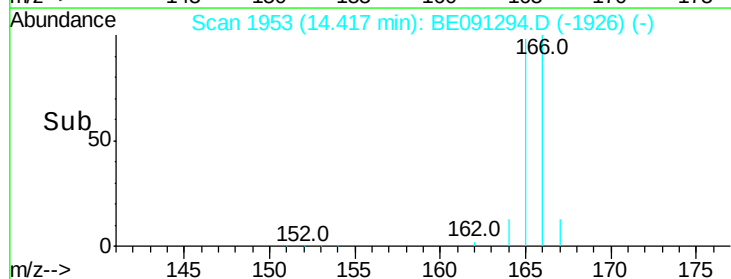
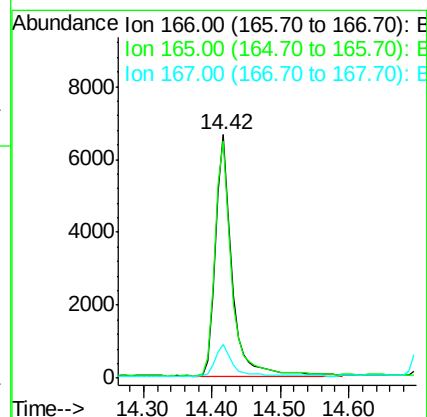
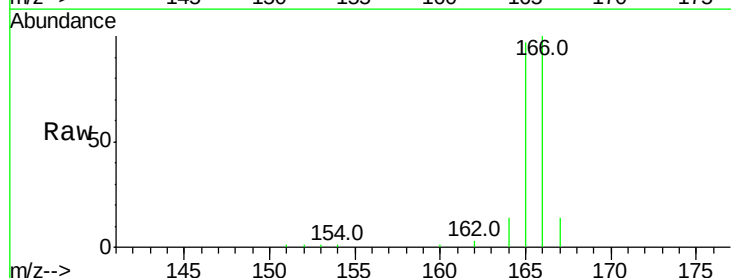
Tgt Ion:166 Resp: 11142

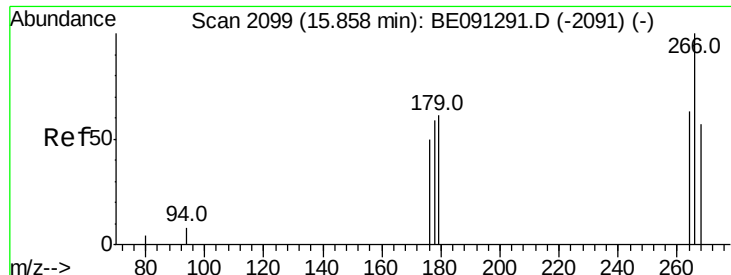
Ion Ratio Lower Upper

166 100

165 97.5 87.6 131.4

167 13.7 11.1 16.7

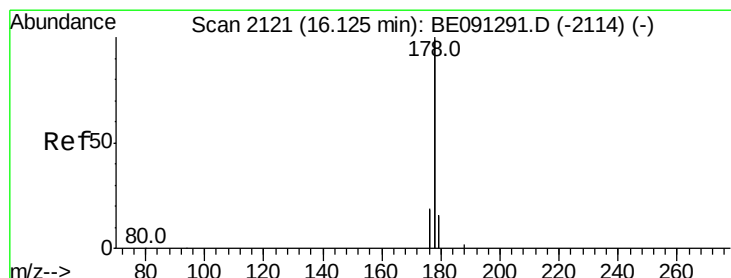
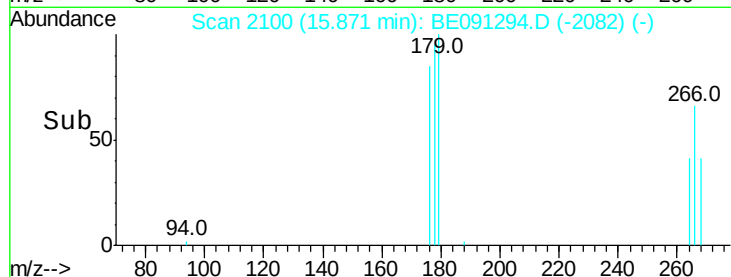
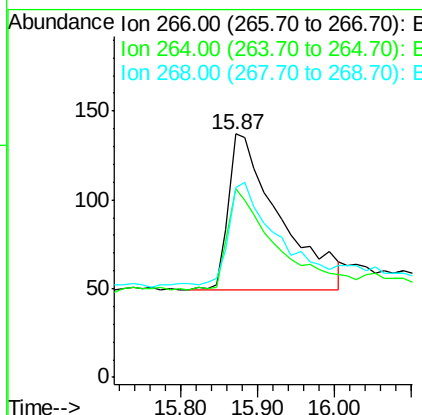
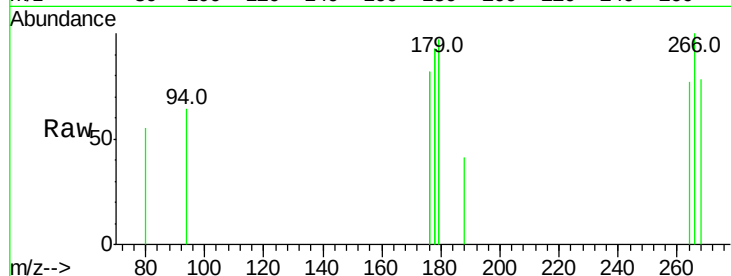




#13
 Pentachlorophenol
 Concen: 0.27 ng/ul
 RT: 15.87 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BE091294.D
 Acq: 22 Nov 2015 11:24

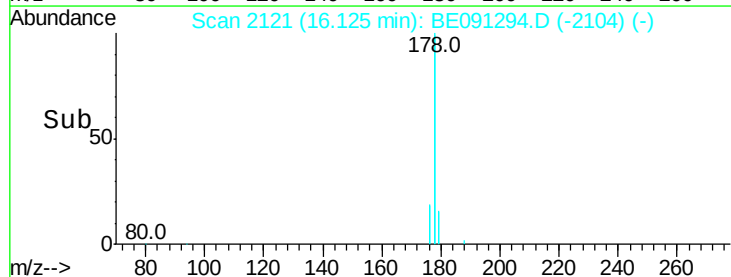
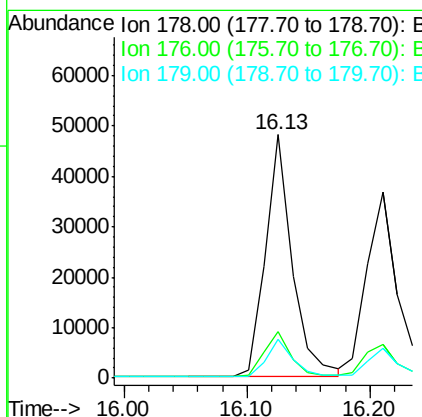
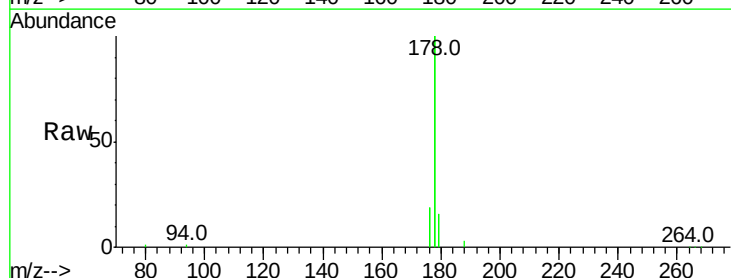
Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.485

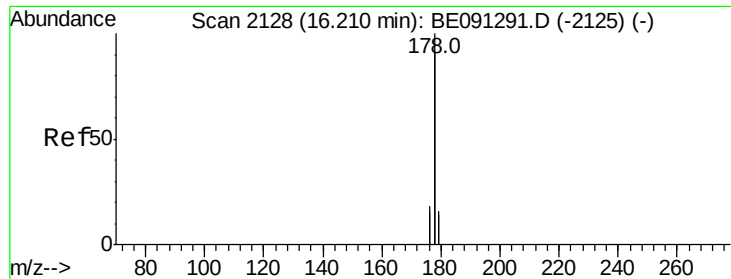
Tot Ion:266 Resp: 409
 Ion Ratio Lower Upper
 266 100
 264 61.1 53.5 80.3
 268 65.0 54.2 81.2



#14
 Phenanthrene
 Concen: 0.40 ng/ul
 RT: 16.13 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BE091294.D
 Acq: 22 Nov 2015 11:24

Tgt Ion:178 Resp: 73428
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.8 12.8 19.2

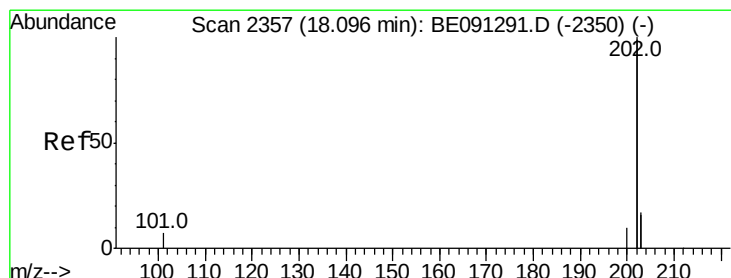
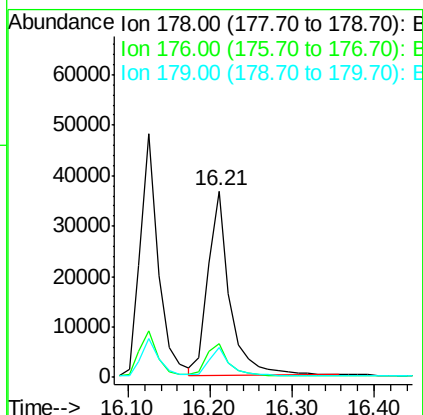
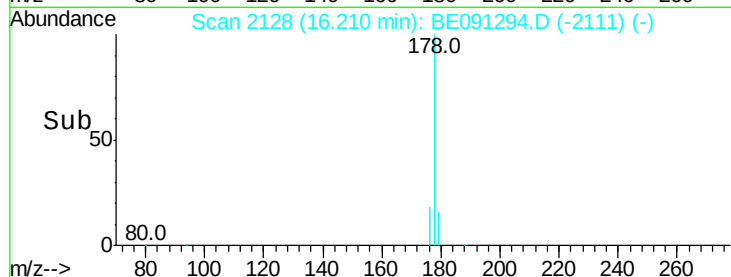
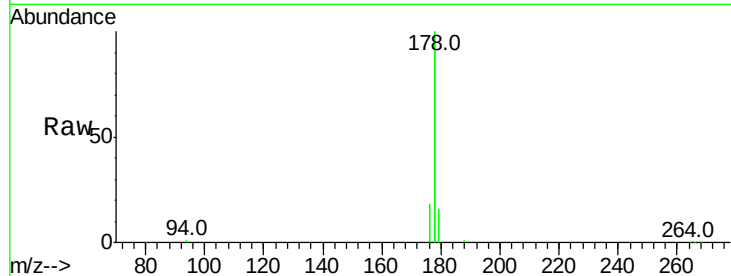




#15
 Anthracene
 Concen: 0.41 ng/ul
 RT: 16.21 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BE091294.D
 Acq: 22 Nov 2015 11:24

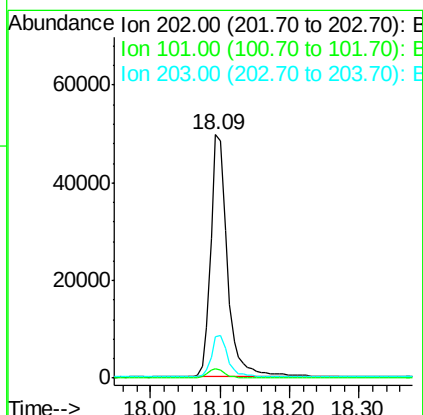
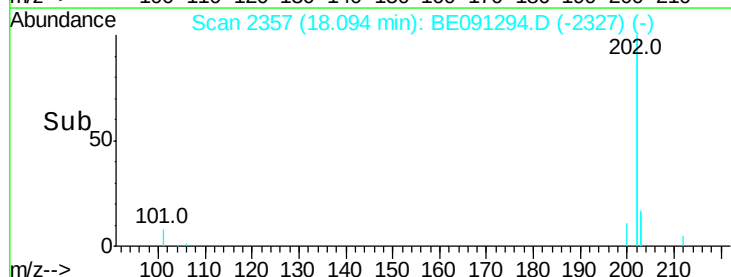
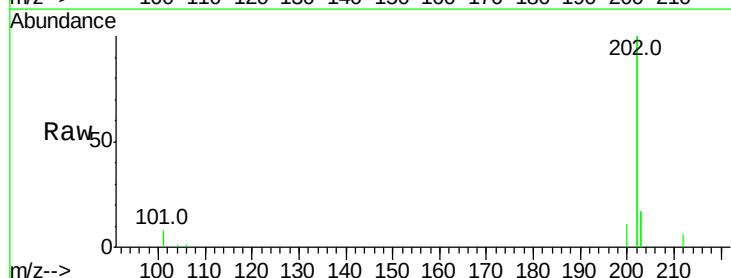
Instrument :
 BNA_E
 ClientSampleId :
 SST0.485

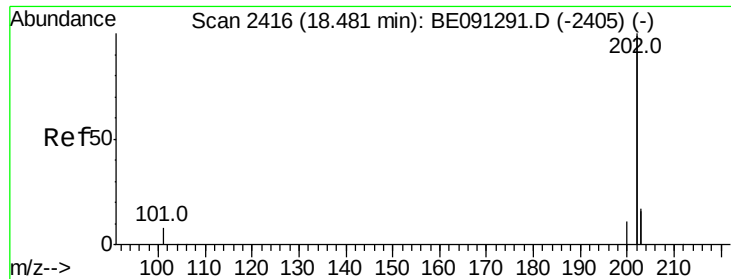
Tot Ion:178 Resp: 67368
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.8 23.8
 179 16.2 13.3 19.9



#17
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 18.09 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BE091294.D
 Acq: 22 Nov 2015 11:24

Tgt Ion:202 Resp: 82092
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 33.1
 203 16.9 0.0 37.2





#19

Pvrene

Concen: 0.39 ng/ul

RT: 18.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

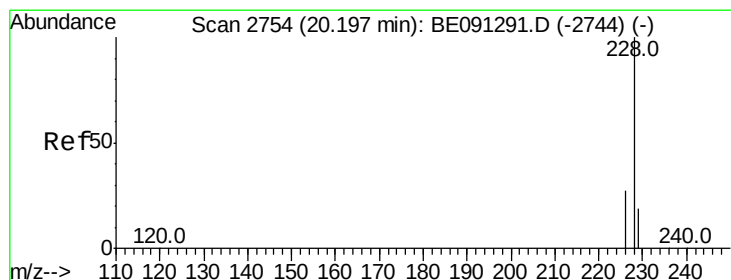
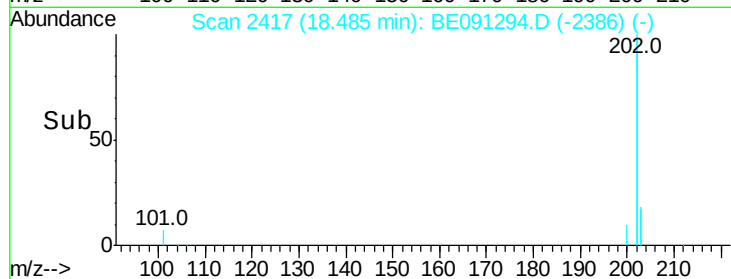
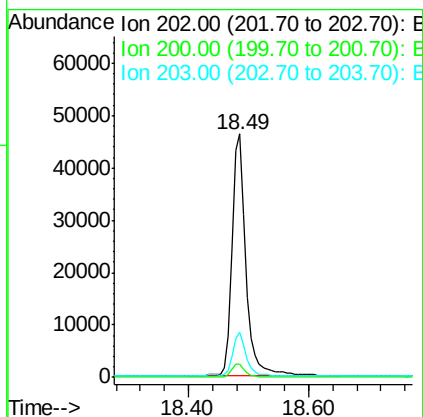
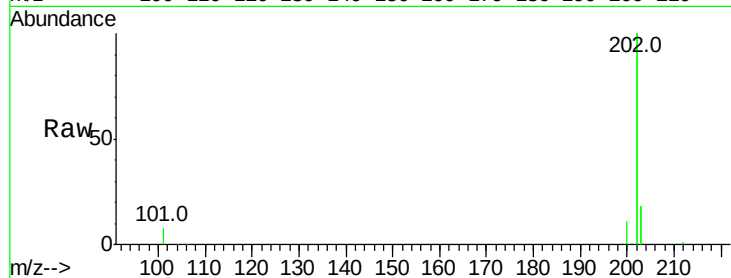
Tot Ion:202 Resp: 75325

Ion Ratio Lower Upper

202 100

200 5.3 18.0 27.0#

203 18.3 13.8 20.6



#20

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 20.20 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

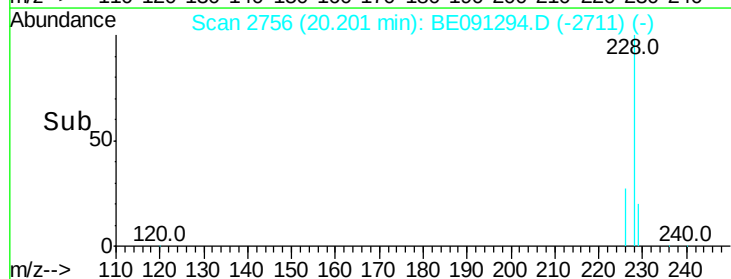
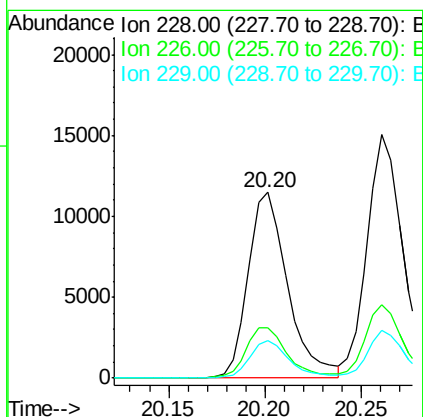
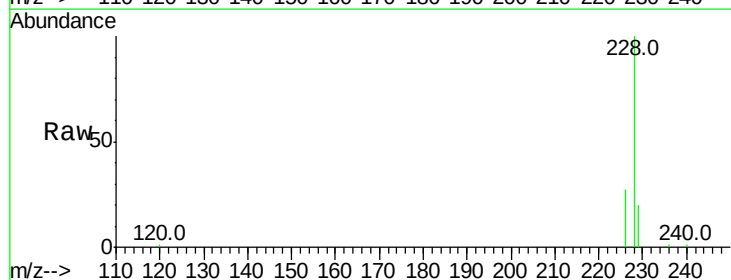
Tgt Ion:228 Resp: 16169

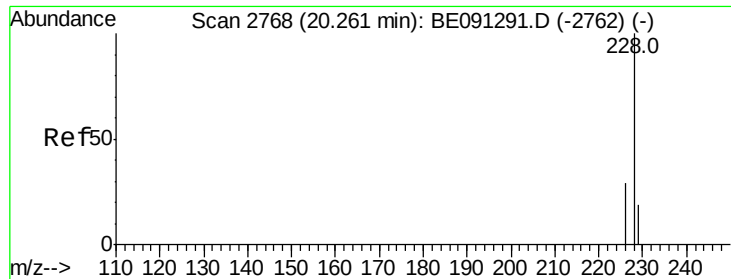
Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

229 19.9 15.2 22.8





#21

Chrysene

Concen: 0.42 ng/ul

RT: 20.26 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

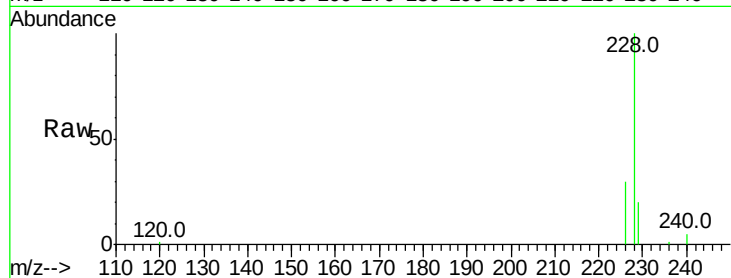
Tot Ion:228 Resp: 20780

Ion Ratio Lower Upper

228 100

226 30.0 25.7 38.5

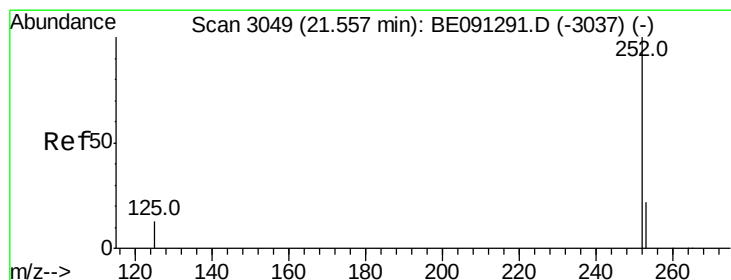
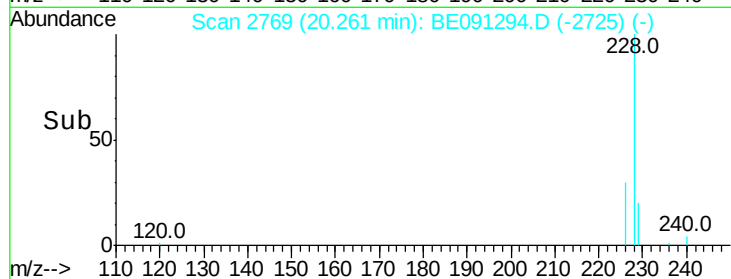
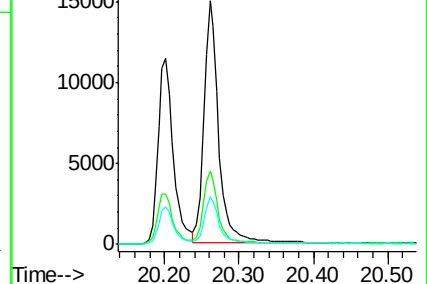
229 19.8 15.2 22.8



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: 0.42 ng/ul

RT: 21.56 min Scan# 3050

Delta R.T. -0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

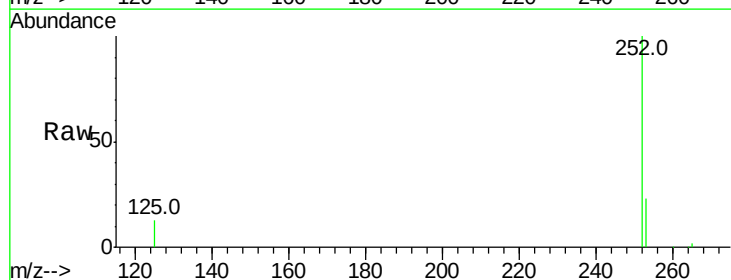
Tgt Ion:252 Resp: 17852

Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.0

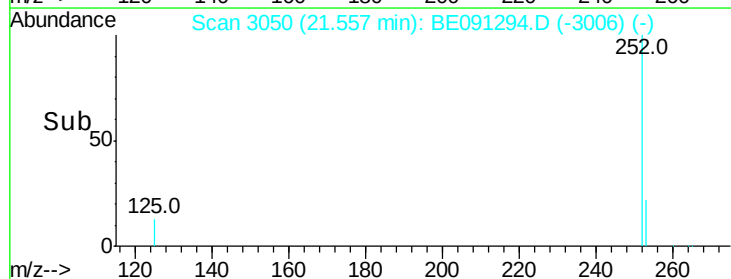
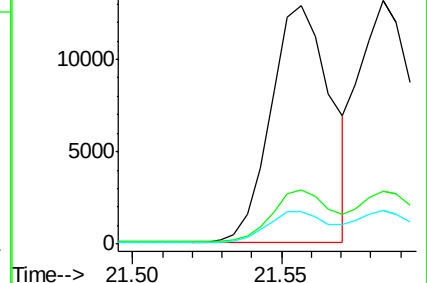
125 13.5 0.0 36.6

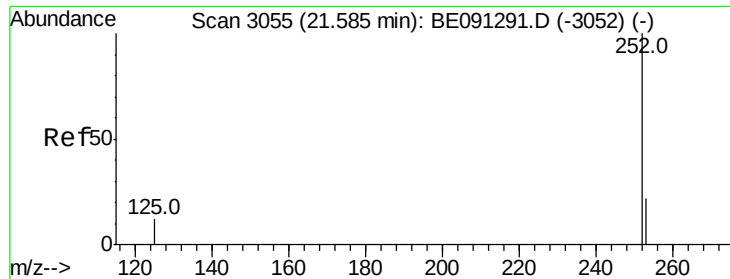


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.44 ng/ul

RT: 21.58 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

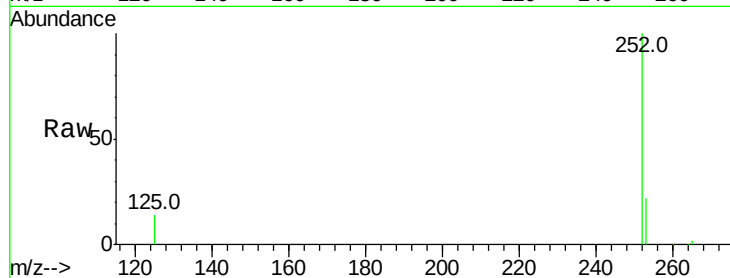
Tot Ion:252 Resp: 19364

Ion Ratio Lower Upper

252 100

253 21.6 20.8 31.2

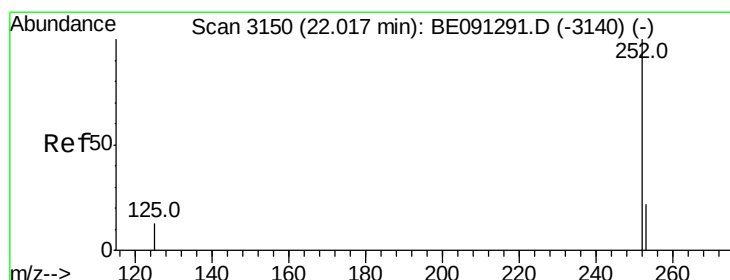
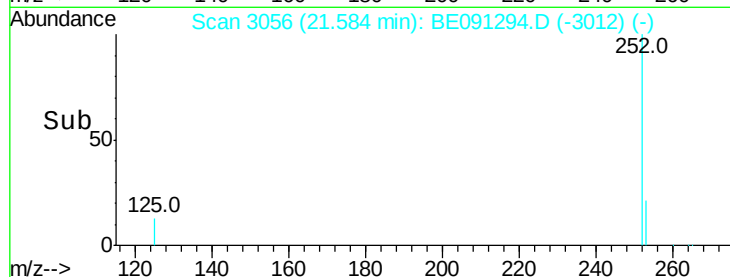
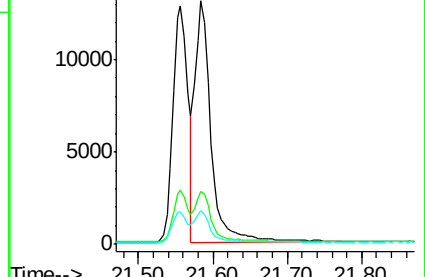
125 13.8 12.2 18.4



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: BE091294.D

Acq: 22 Nov 2015 11:24

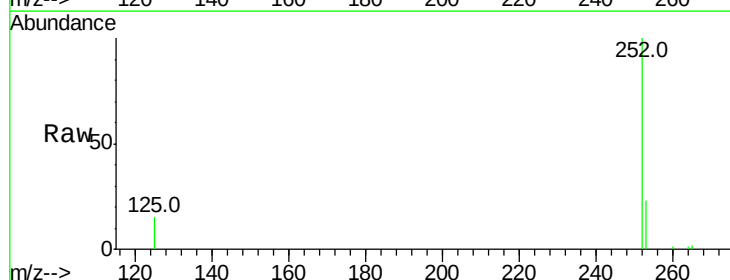
Tgt Ion:252 Resp: 16908

Ion Ratio Lower Upper

252 100

253 22.7 21.8 32.8

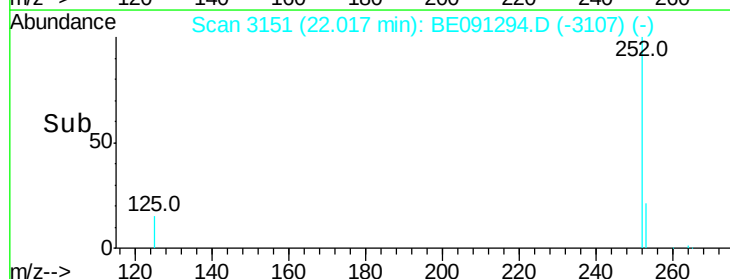
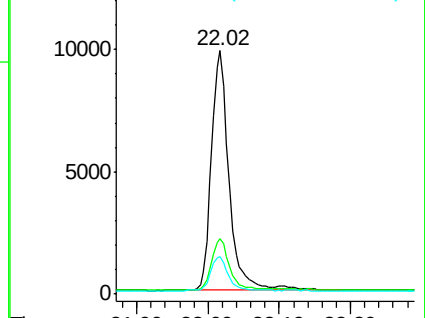
125 15.5 14.5 21.7

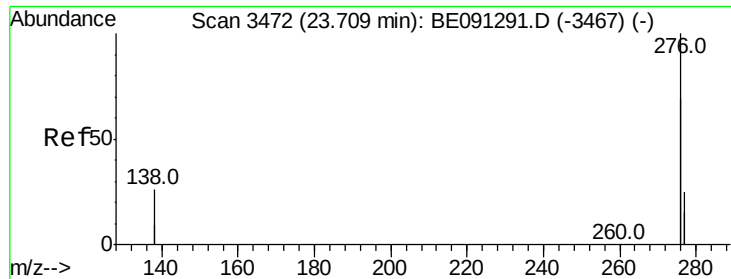


Abundance Ion 252.00 (251.70 to 252.70): E

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. 0.00 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

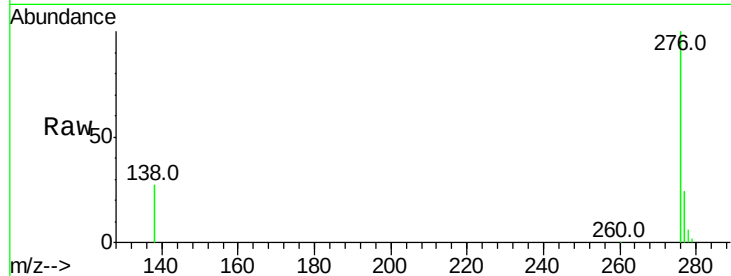
Tot Ion:276 Resp: 67890

Ion Ratio Lower Upper

276 100

138 26.2 27.5 41.3#

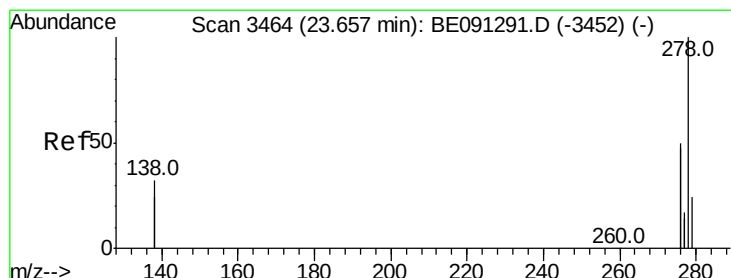
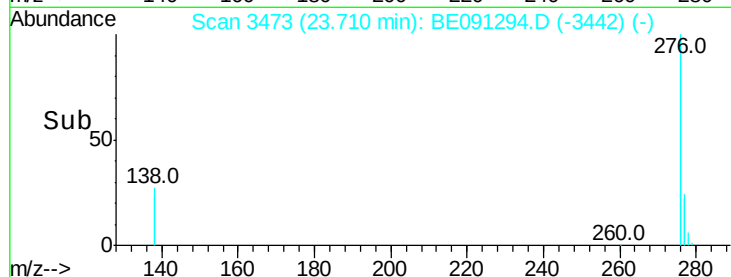
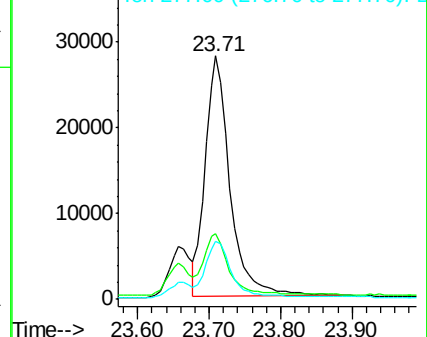
277 24.2 19.3 28.9



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



#27

Dibenzo(a,h)anthracene

Concen: 0.41 ng/ul

RT: 23.66 min Scan# 3466

Delta R.T. 0.01 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

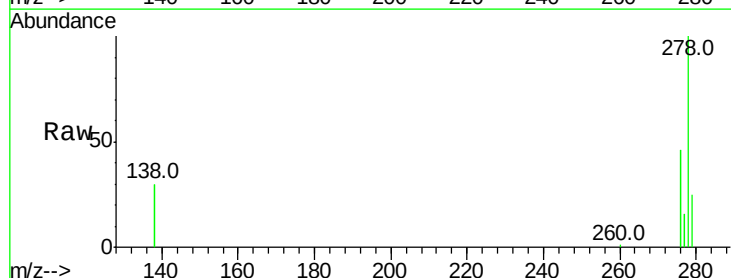
Tgt Ion:278 Resp: 16047

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

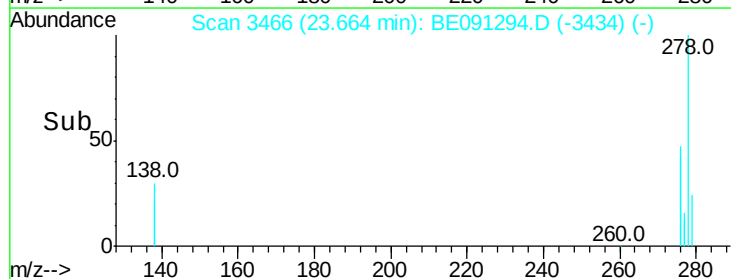
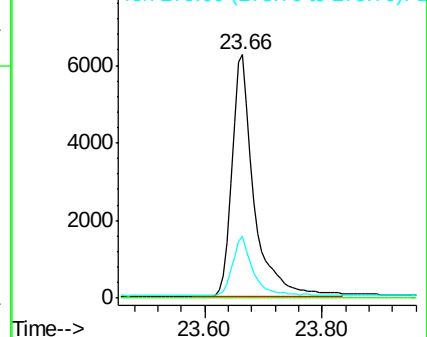
279 25.2 21.9 32.9

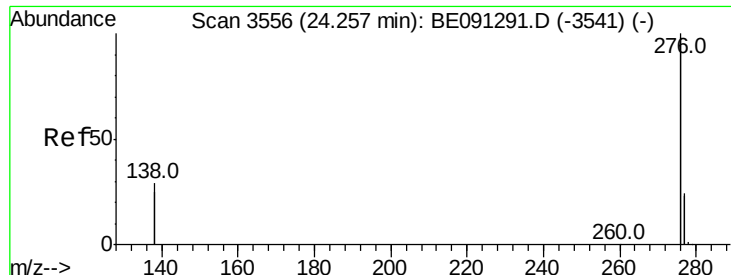


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.42 ng/ul

RT: 24.26 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BE091294.D

Acq: 22 Nov 2015 11:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.485

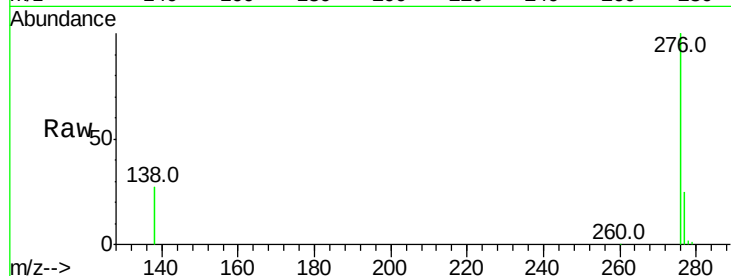
Tot Ion:276 Resp: 72053

Ion Ratio Lower Upper

276 100

277 24.8 21.3 31.9

138 27.5 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

