

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082516\
 Data File : BE092278.D
 Acq On : 25 Aug 2016 18:41
 Operator : UM/SJ
 Sample : SSTD0.268
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.268

Quant Time: Aug 26 04:20:30 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 04:20:28 2016
 Response via : Initial Calibration

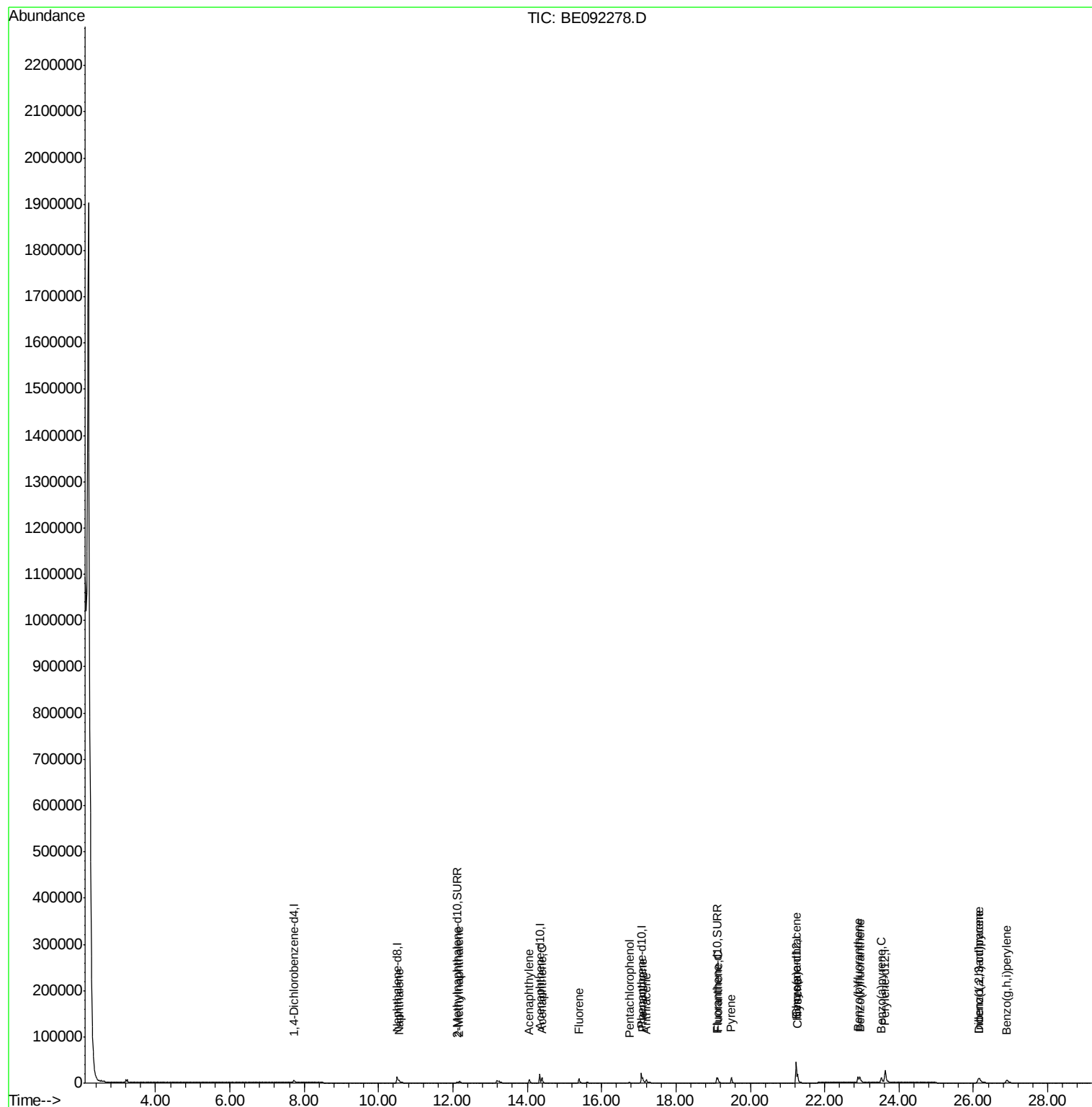
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	4786	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	22861	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	12853	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	33155	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	46452	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	44439	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	5928	0.21	ng/ul	0.01
14) Fluoranthene-d10	19.10	212	15831	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.55	128	10534	0.19	ng/ul	100
5) 2-Methylnaphthalene	12.17	142	6846	0.18	ng/ul	99
7) Acenaphthylene	14.06	152	10992	0.16	ng/ul	99
8) Acenaphthene	14.39	153	7662	0.18	ng/ul	98
9) Fluorene	15.39	166	8717	0.18	ng/ul	95
11) Pentachlorophenol	16.75	266	667	0.09	ng/ul	96
12) Phenanthrene	17.10	178	15814	0.17	ng/ul	97
13) Anthracene	17.20	178	13834	0.16	ng/ul	97
15) Fluoranthene	19.13	202	18195	0.17	ng/ul	97
17) Pyrene	19.49	202	19126	0.13	ng/ul	100
18) Benzo(a)anthracene	21.22	228	16699	0.12	ng/ul	100
19) Chrysene	21.28	228	21904	0.16	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	18574	0.12	ng/ul	96
22) Benzo(k)fluoranthene	22.94	252	23259	0.17	ng/ul	95
23) Benzo(a)pyrene	23.52	252	20649	0.15	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.14	276	21760	0.13	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.17	278	17188	0.13	ng/ul	99
26) Benzo(g,h,i)perylene	26.91	276	19718	0.14	ng/ul	100

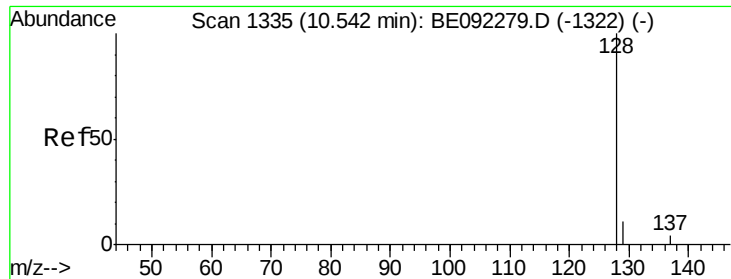
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.19 ng/ul

RT: 10.55 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

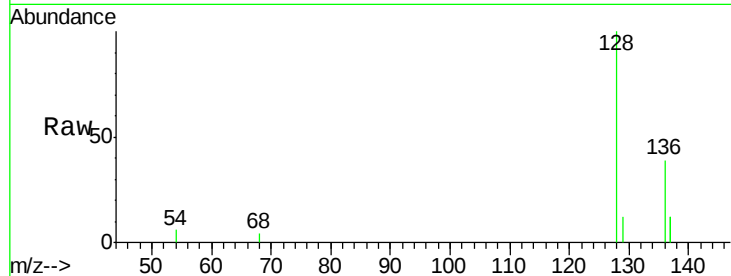
Tgt Ion:128 Resp: 10534

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

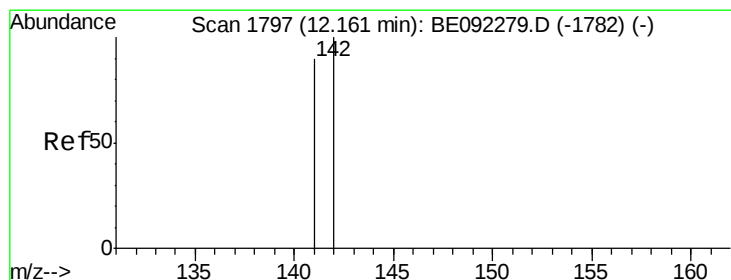
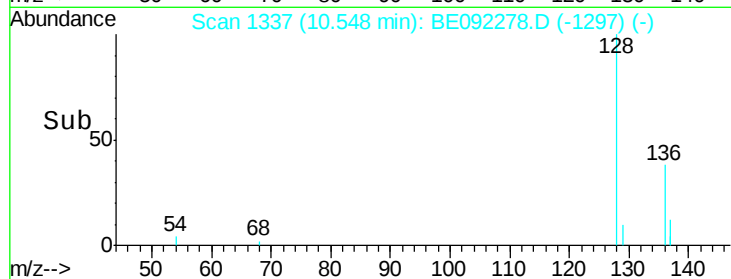
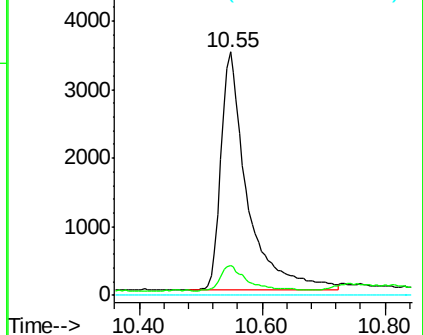
127 0.0 0.0 0.0



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



#5

2-Methylnaphthalene

Concen: 0.18 ng/ul

RT: 12.17 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BE092278.D

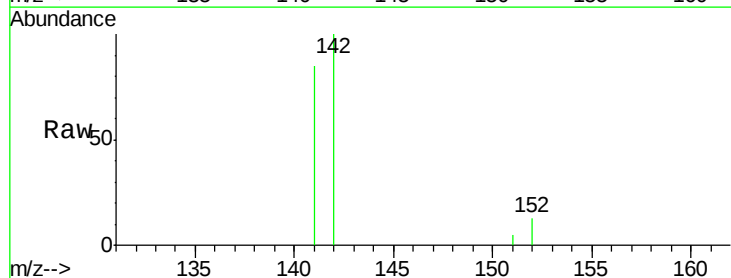
Acq: 25 Aug 2016 18:41

Tgt Ion:142 Resp: 6846

Ion Ratio Lower Upper

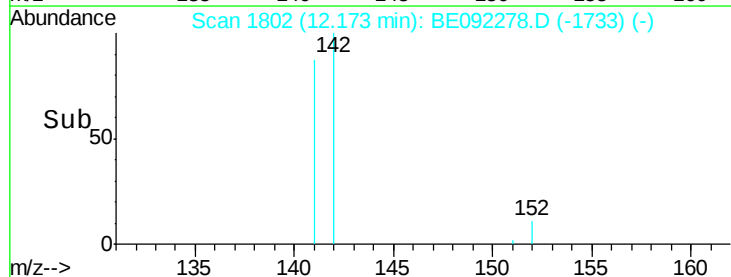
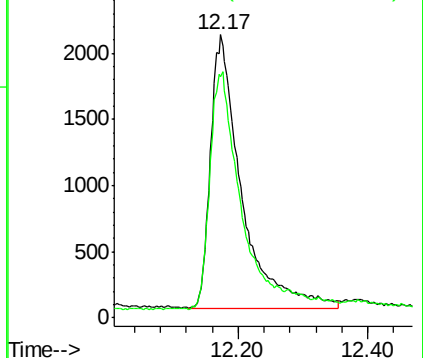
142 100

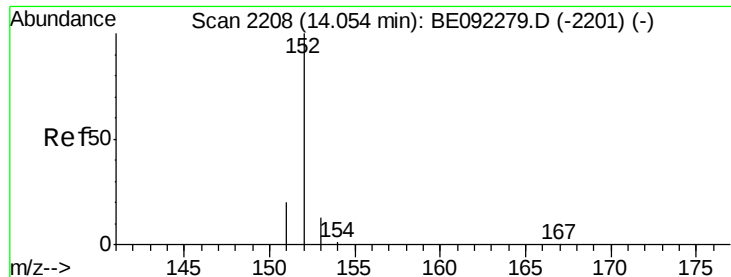
141 91.1 71.9 107.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.16 ng/ul

RT: 14.06 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

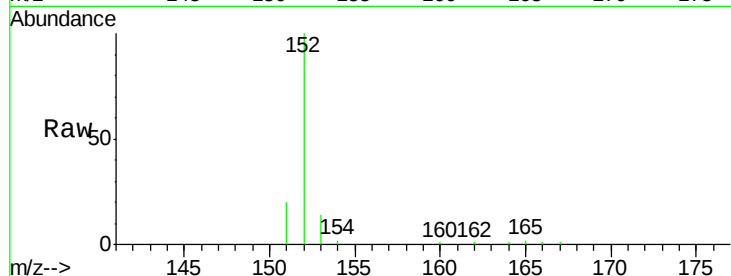
Tgt Ion:152 Resp: 10992

Ion Ratio Lower Upper

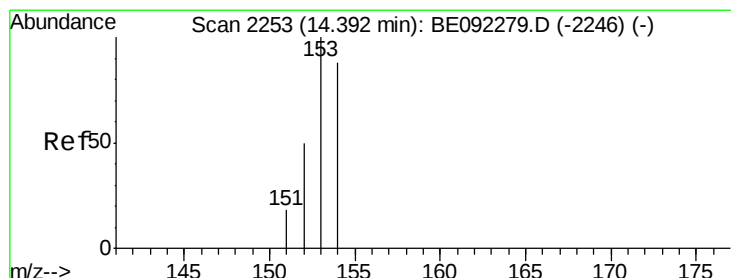
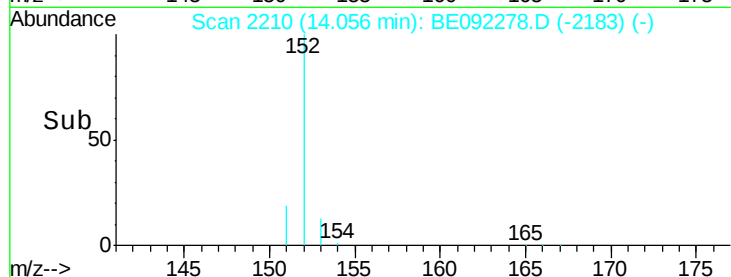
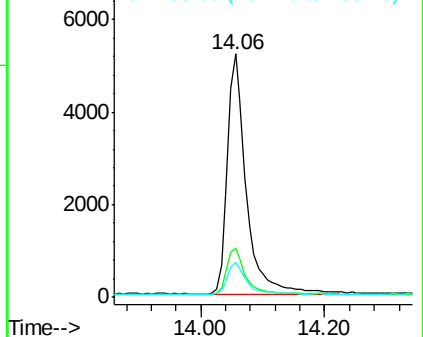
152 100

151 20.3 16.2 24.2

153 14.5 11.2 16.8



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



#8

Acenaphthene

Concen: 0.18 ng/ul

RT: 14.39 min Scan# 2255

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

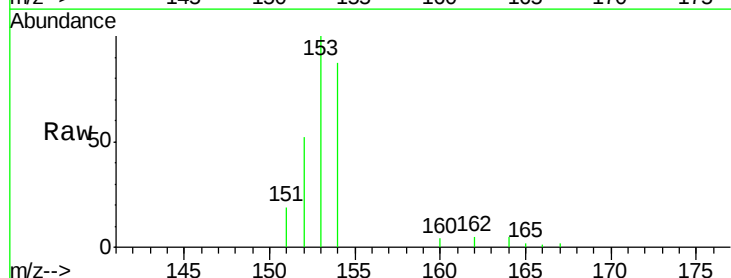
Tgt Ion:153 Resp: 7662

Ion Ratio Lower Upper

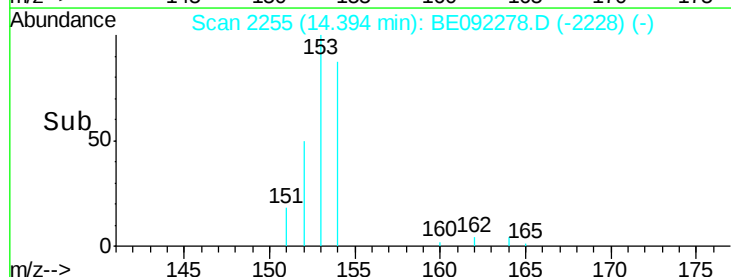
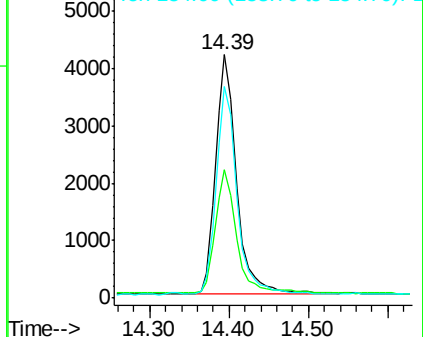
153 100

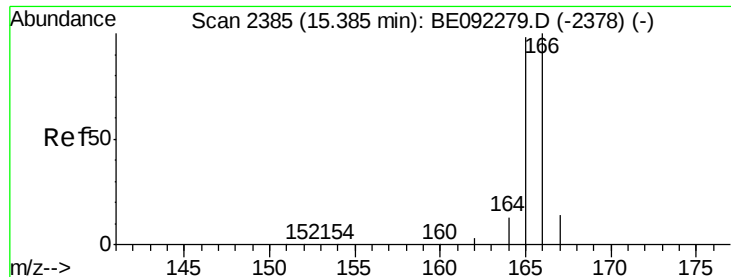
152 52.5 40.9 61.3

154 87.0 70.6 106.0



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





#9

Fluorene

Concen: 0.18 ng/ul

RT: 15.39 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

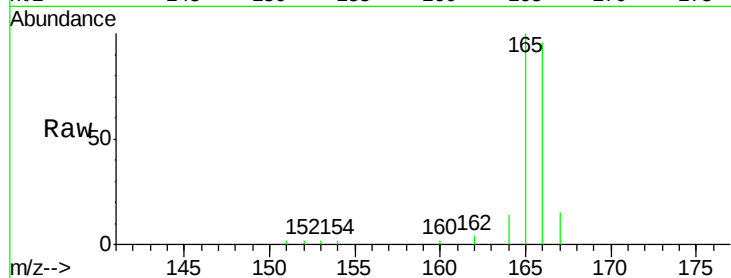
Tgt Ion:166 Resp: 8717

Ion Ratio Lower Upper

166 100

165 104.3 78.7 118.1

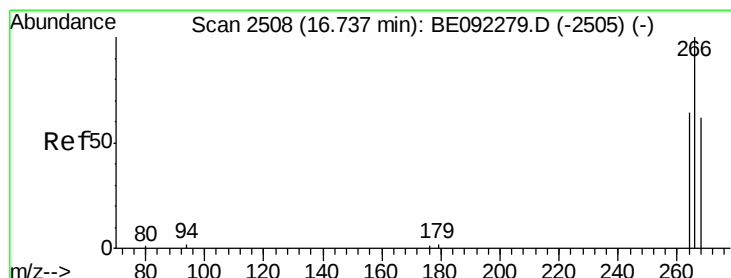
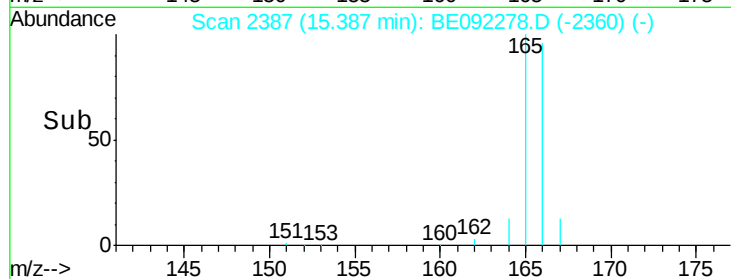
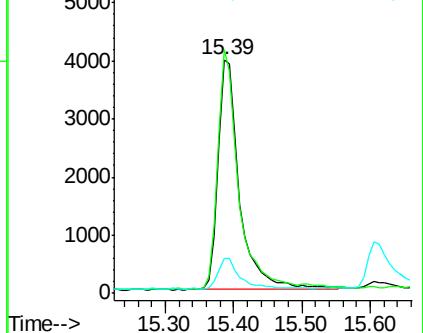
167 15.2 11.5 17.3



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



#11

Pentachlorophenol

Concen: 0.09 ng/ul

RT: 16.75 min Scan# 2511

Delta R.T. 0.02 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

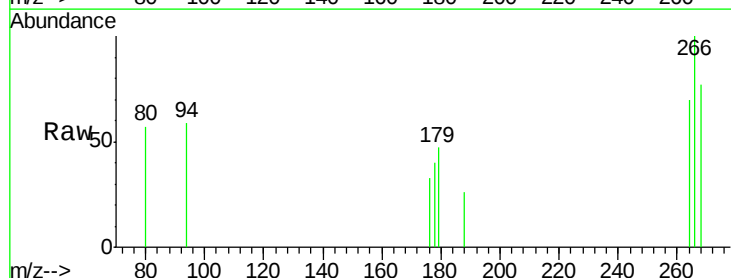
Tgt Ion:266 Resp: 667

Ion Ratio Lower Upper

266 100

264 61.3 53.0 79.6

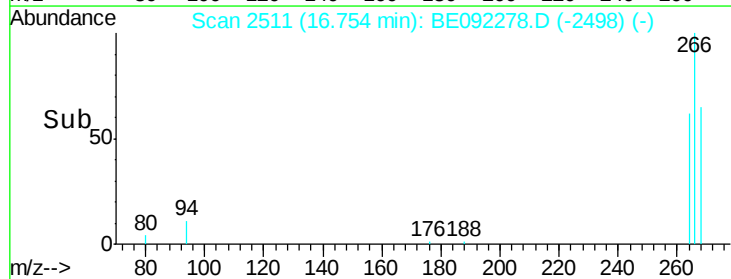
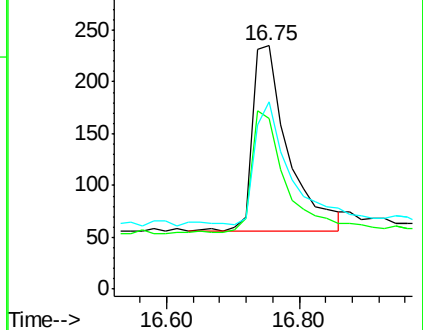
268 66.4 52.3 78.5

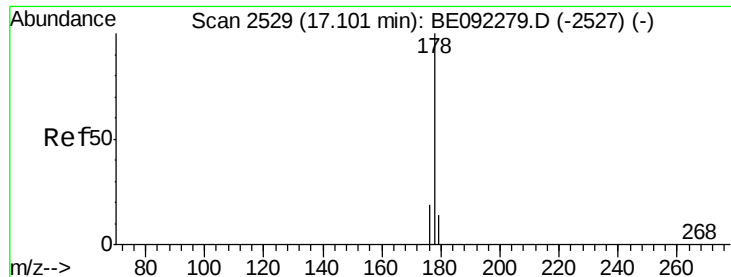


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.17 ng/ul

RT: 17.10 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

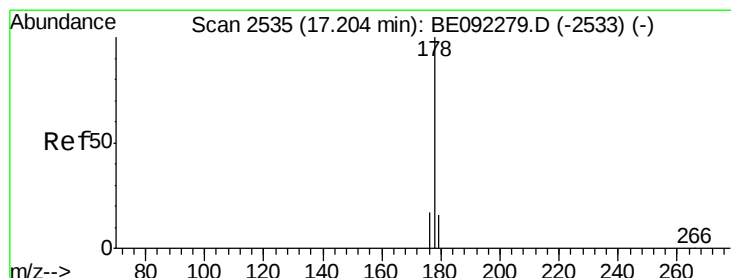
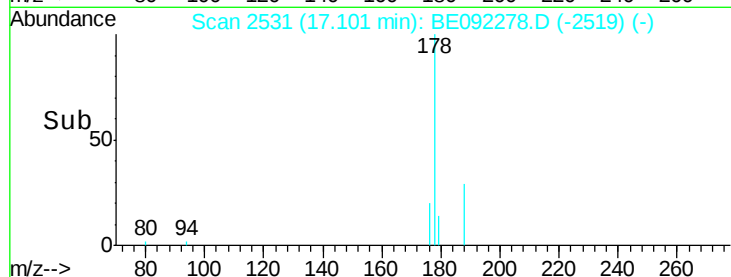
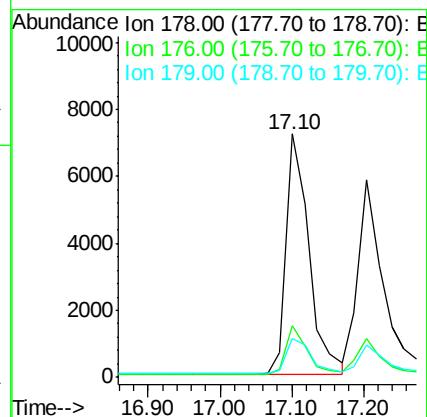
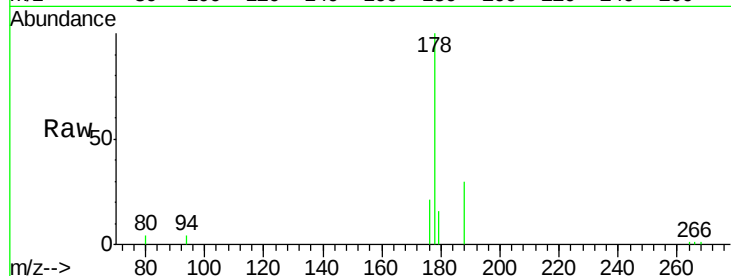
Tgt Ion:178 Resp: 15814

Ion Ratio Lower Upper

178 100

176 21.3 15.8 23.8

179 15.7 11.9 17.9



#13

Anthracene

Concen: 0.16 ng/ul

RT: 17.20 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

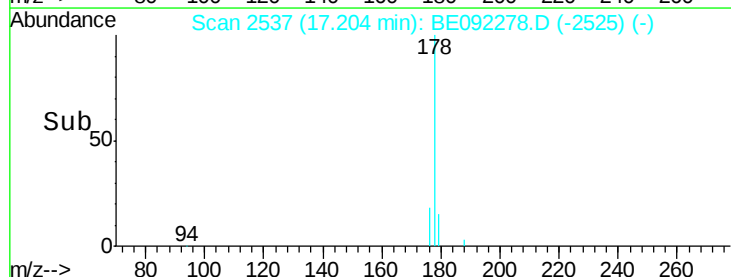
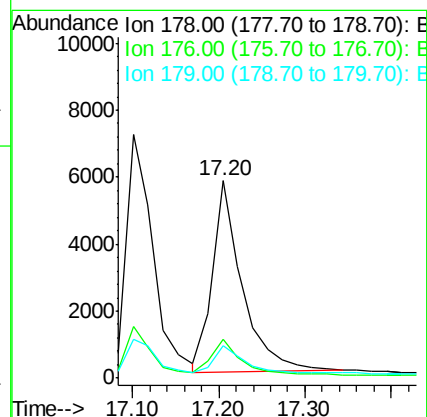
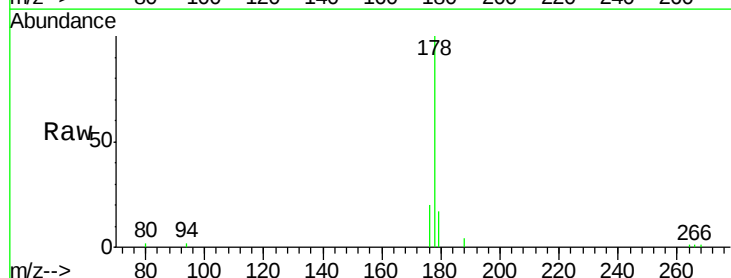
Tgt Ion:178 Resp: 13834

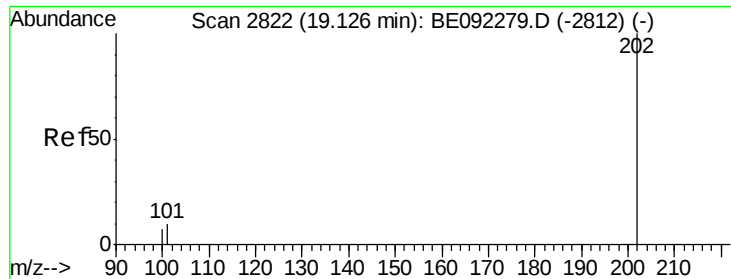
Ion Ratio Lower Upper

178 100

176 19.6 14.0 21.0

179 16.6 13.6 20.4

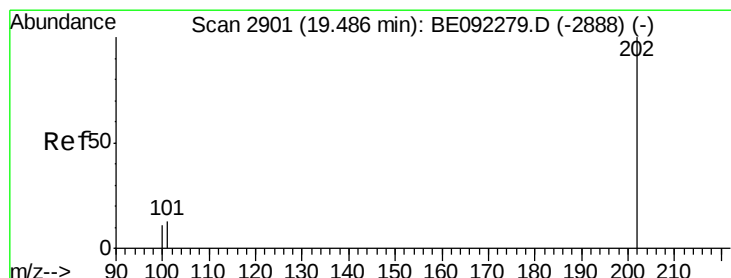
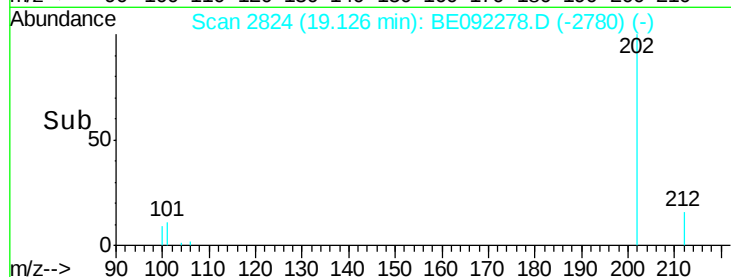
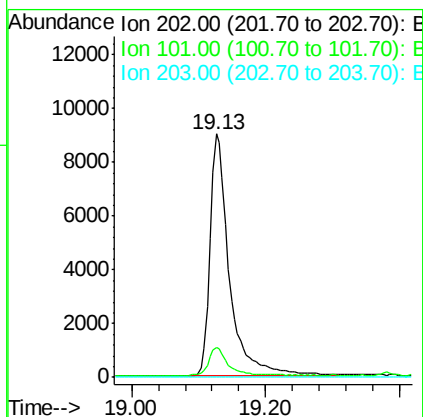
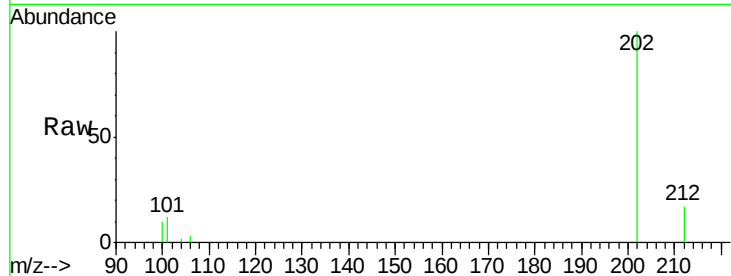




#15
Fluoranthene
 Concen: 0.17 ng/ul
 RT: 19.13 min Scan# 2824
 Delta R.T. 0.00 min
 Lab File: BE092278.D
 Acq: 25 Aug 2016 18:41

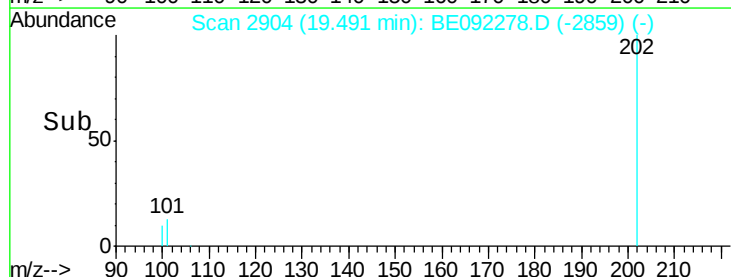
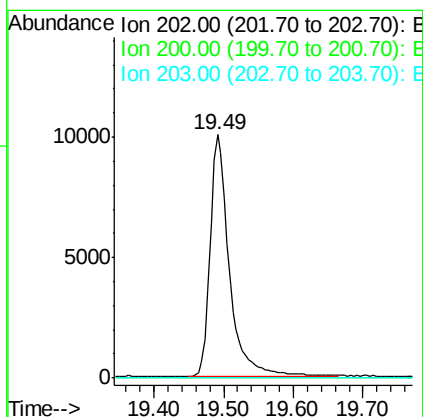
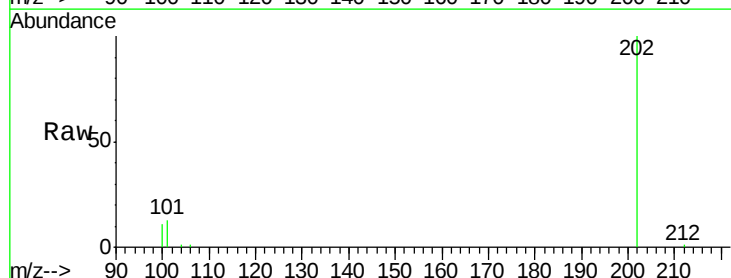
Instrument :
 BNA_E
 ClientSampleId :
 SST00.268

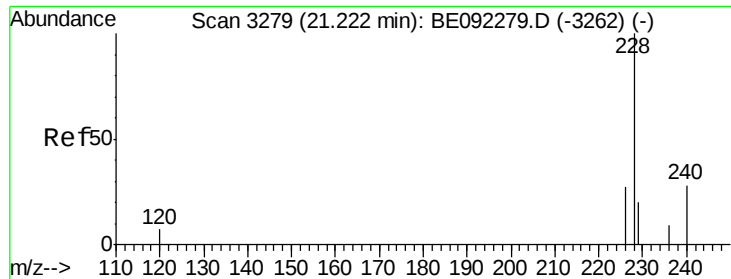
Tgt Ion:202 Resp: 18195
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 30.8
 203 0.0 0.0 20.0



#17
Pyrene
 Concen: 0.13 ng/ul
 RT: 19.49 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BE092278.D
 Acq: 25 Aug 2016 18:41

Tgt Ion:202 Resp: 19126
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 0.0 0.0 0.0





#18

Benzo(a)anthracene

Concen: 0.12 ng/ul

RT: 21.22 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

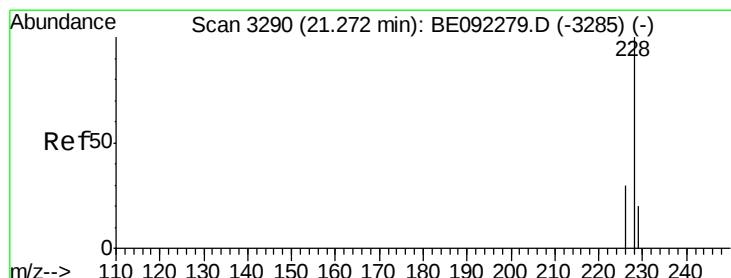
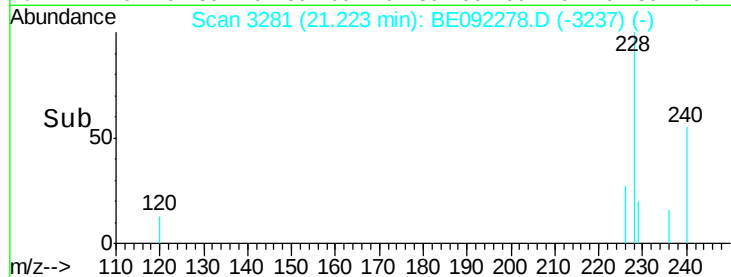
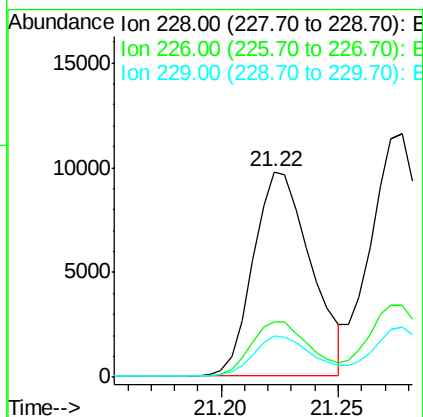
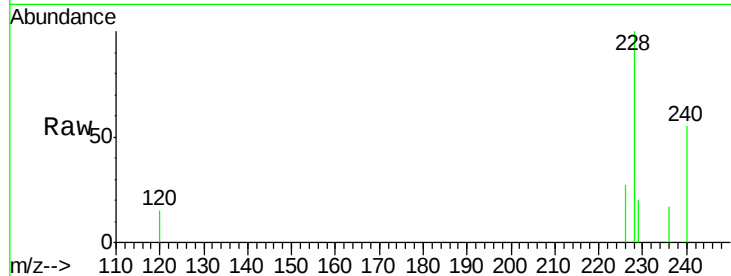
Tgt Ion:228 Resp: 16699

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 20.1 15.9 23.9



#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.28 min Scan# 3293

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

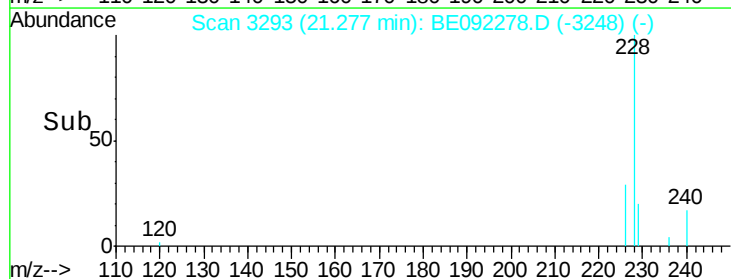
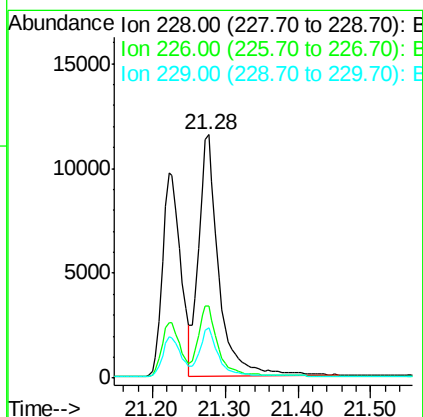
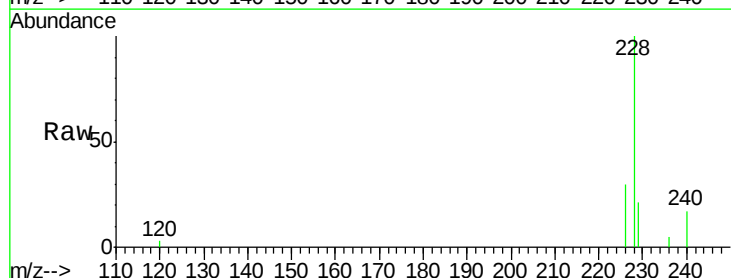
Tgt Ion:228 Resp: 21904

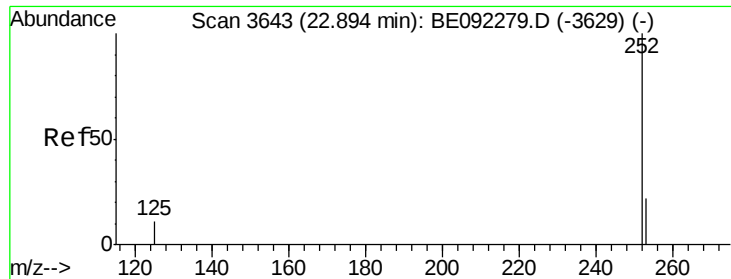
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 20.8 16.0 24.0





#21

Benzo(b)fluoranthene

Concen: 0.12 ng/ul

RT: 22.90 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

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SSTD0.268

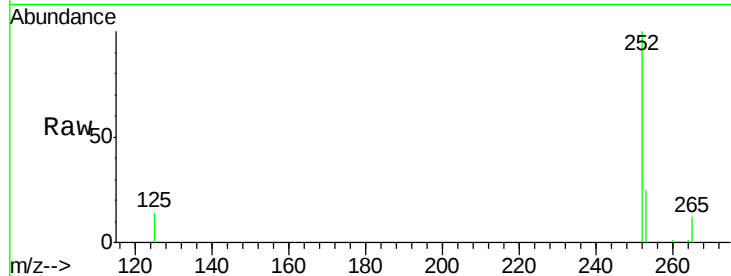
Tgt Ion:252 Resp: 18574

Ion Ratio Lower Upper

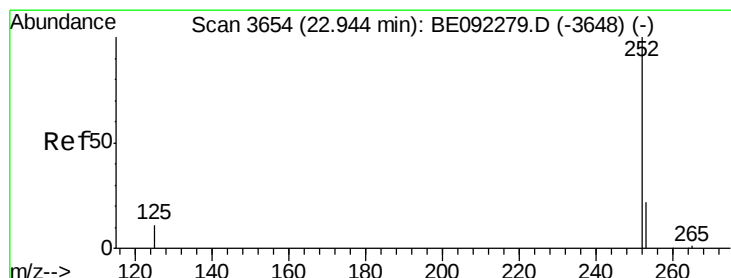
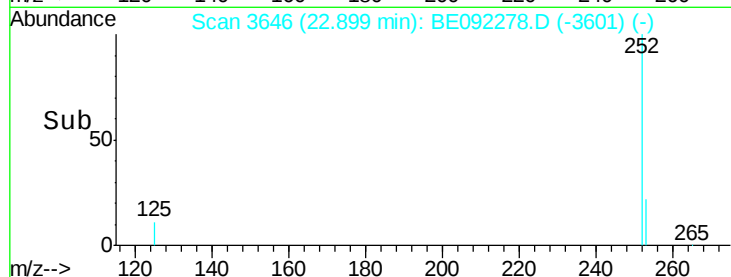
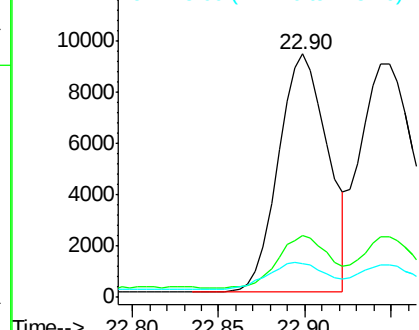
252 100

253 25.4 0.0 47.6

125 14.1 0.0 24.2



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



#22

Benzo(k)fluoranthene

Concen: 0.17 ng/ul

RT: 22.94 min Scan# 3656

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

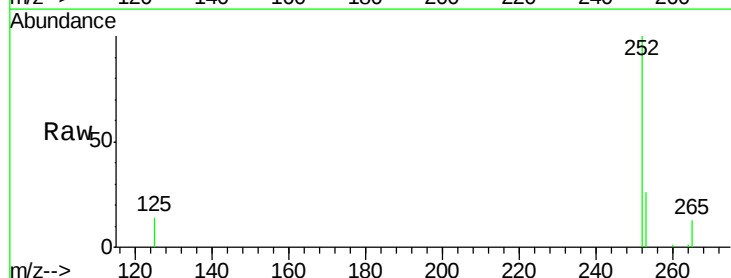
Tgt Ion:252 Resp: 23259

Ion Ratio Lower Upper

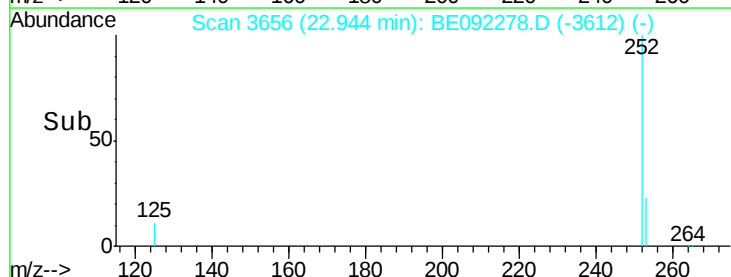
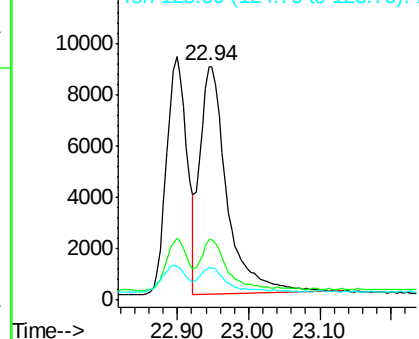
252 100

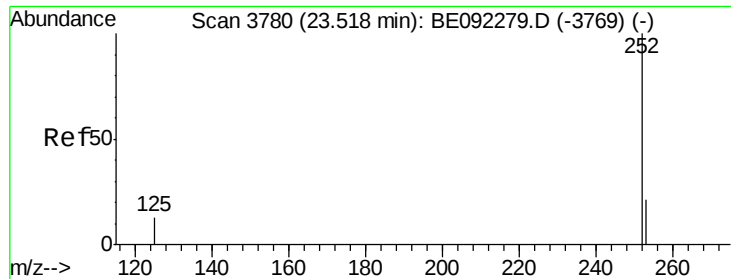
253 25.9 18.7 28.1

125 13.8 9.7 14.5



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





#23

Benzo(a)pyrene

Concen: 0.15 ng/ul

RT: 23.52 min Scan# 3783

Delta R.T. 0.00 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

Instrument :

BNA_E

ClientSampleId :

SSTD0.268

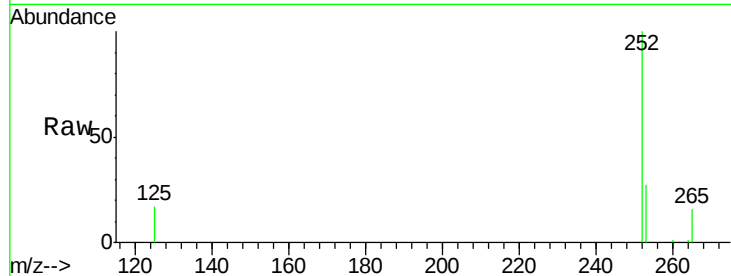
Tgt Ion:252 Resp: 20649

Ion Ratio Lower Upper

252 100

253 26.9 18.8 28.2

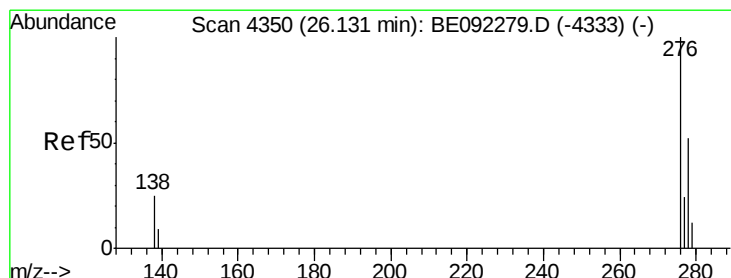
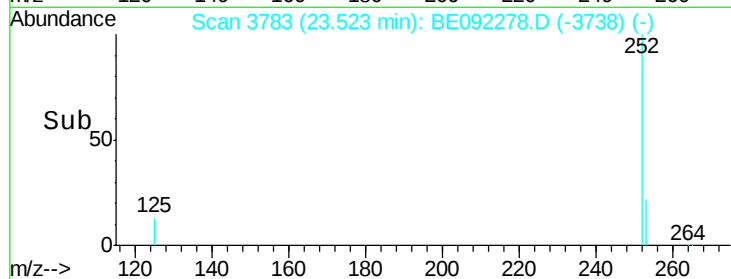
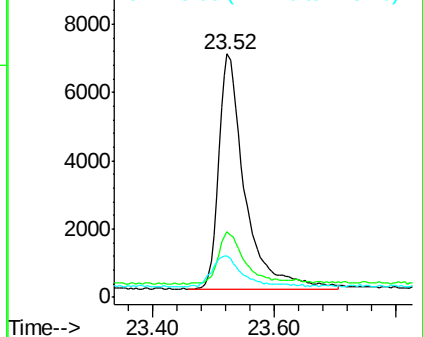
125 17.1 11.9 17.9



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

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng/ul

RT: 26.14 min Scan# 4354

Delta R.T. 0.01 min

Lab File: BE092278.D

Acq: 25 Aug 2016 18:41

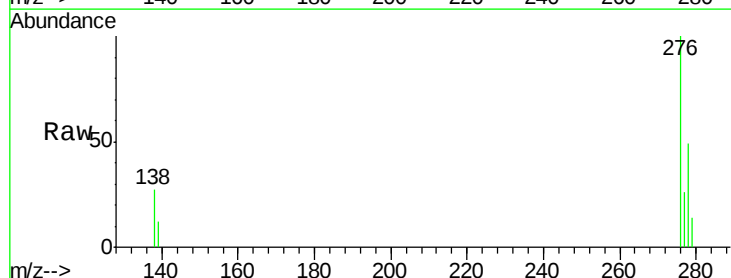
Tgt Ion:276 Resp: 21760

Ion Ratio Lower Upper

276 100

138 24.8 0.0 0.0#

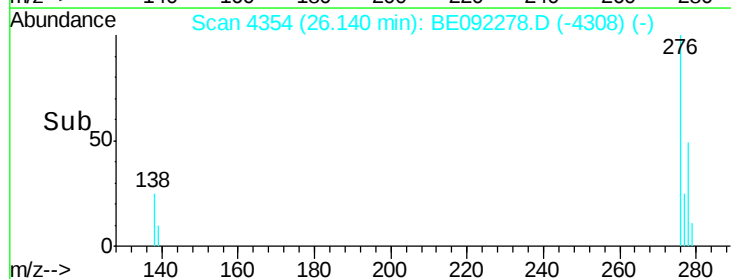
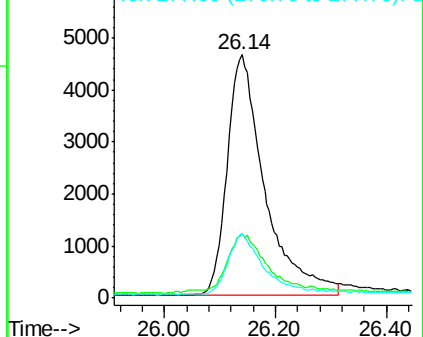
277 25.1 0.0 0.0#

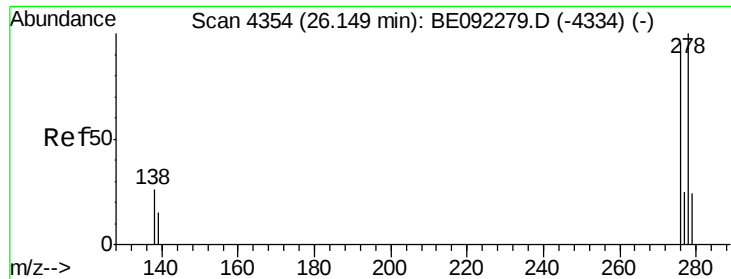


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



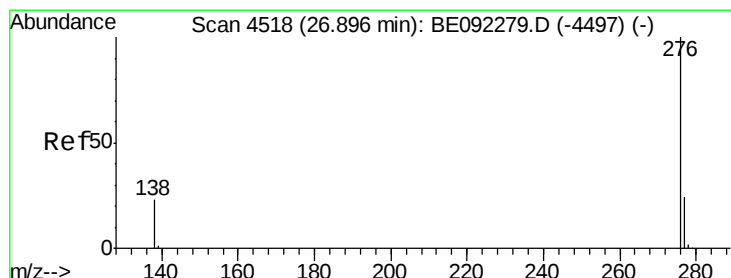
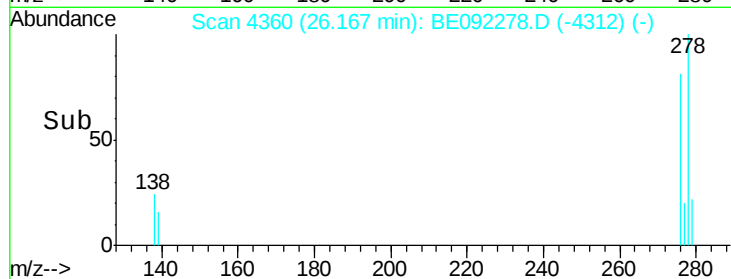
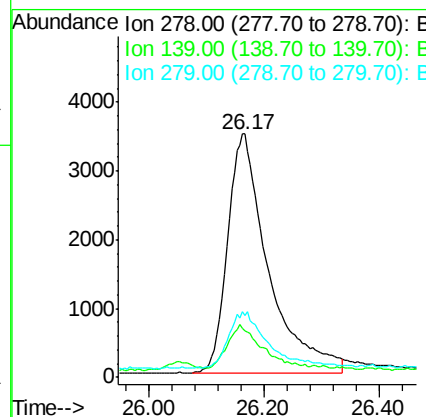
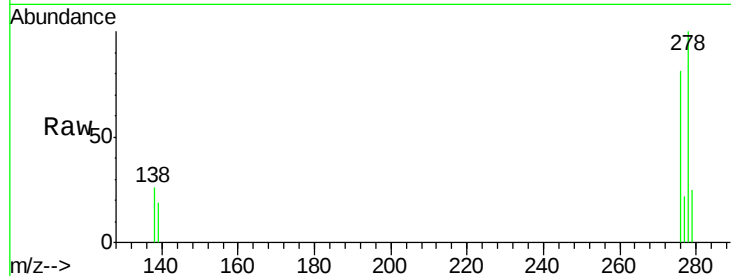


#25
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 26.17 min Scan# 4360
Delta R.T. 0.02 min
Lab File: BE092278.D
Acq: 25 Aug 2016 18:41

Instrument :
BNA_E
ClientSampleId :
SSTD0.268

Tgt Ion: 278 Resp: 17188

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.6	22.0
279	25.4	20.2	30.2



#26
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.91 min Scan# 4522
Delta R.T. 0.01 min
Lab File: BE092278.D
Acq: 25 Aug 2016 18:41

Tgt Ion: 276 Resp: 19718

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	23.8	19.2	28.8

