

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082516\
 Data File : BE092276.D
 Acq On : 25 Aug 2016 17:30
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 26 04:20:12 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

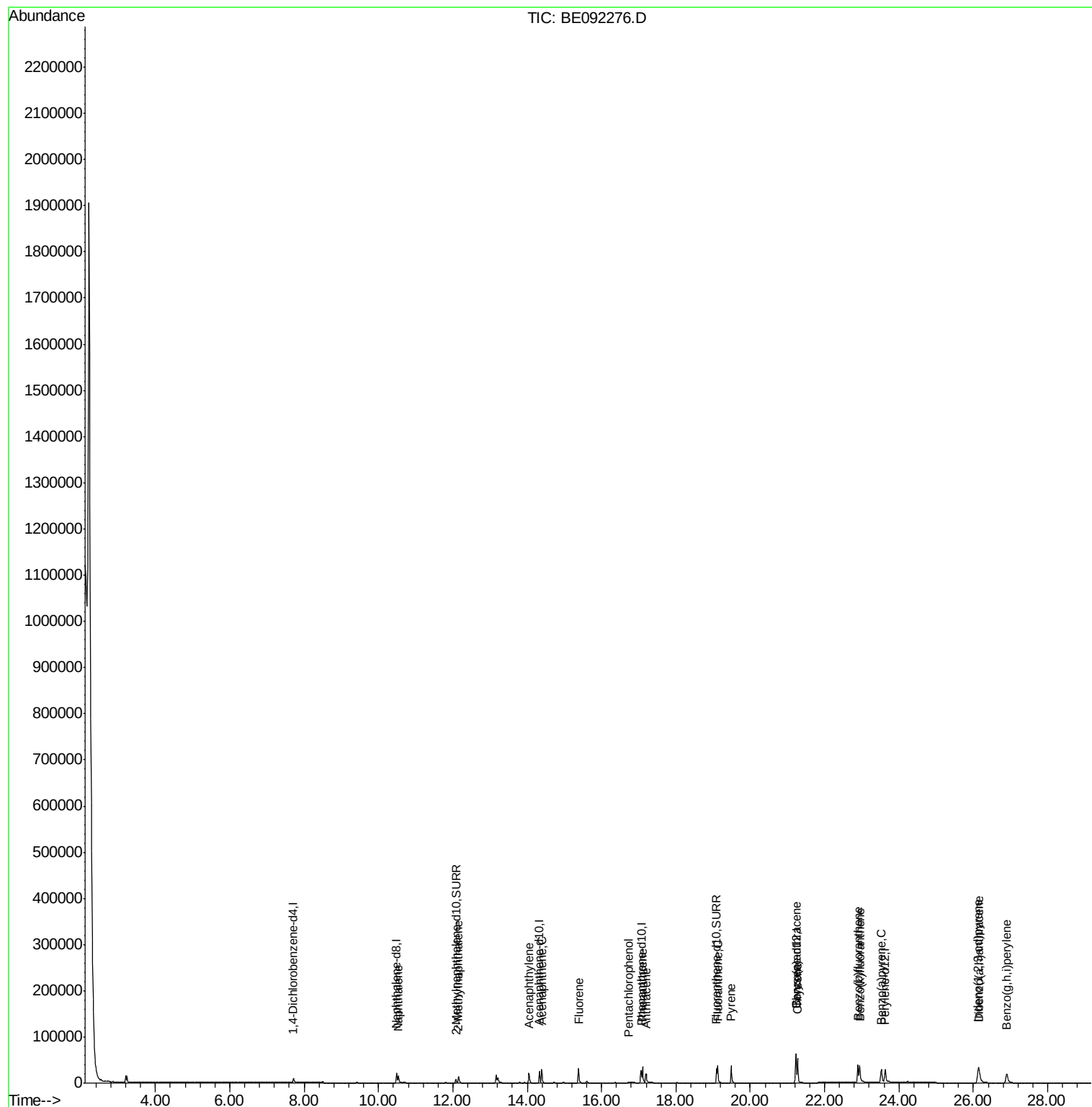
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	6099	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.49	136	27365	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	15092	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	38288	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	49194	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	46377	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	15076	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	41296	0.47	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.53	128	25508	0.38	ng/ul	97
5) 2-Methylnaphthalene	12.15	142	17447	0.38	ng/ul	99
7) Acenaphthylene	14.05	152	27505	0.35	ng/ul	99
8) Acenaphthene	14.39	153	18957	0.37	ng/ul	98
9) Fluorene	15.38	166	22522	0.39	ng/ul	99
11) Pentachlorophenol	16.74	266	2049	0.24	ng/ul	96
12) Phenanthrene	17.10	178	40826	0.39	ng/ul	99
13) Anthracene	17.20	178	37747	0.38	ng/ul	99
15) Fluoranthene	19.12	202	48464	0.39	ng/ul	98
17) Pyrene	19.49	202	50222	0.33	ng/ul	100
18) Benzo(a)anthracene	21.22	228	47995	0.33	ng/ul	99
19) Chrysene	21.27	228	55312	0.38	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	52798	0.33	ng/ul	99
22) Benzo(k)fluoranthene	22.94	252	57268	0.41	ng/ul	99
23) Benzo(a)pyrene	23.52	252	53854	0.38	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.14	276	60074	0.35	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.15	278	48302	0.35	ng/ul	99
26) Benzo(g,h,i)perylene	26.90	276	52206	0.35	ng/ul	99

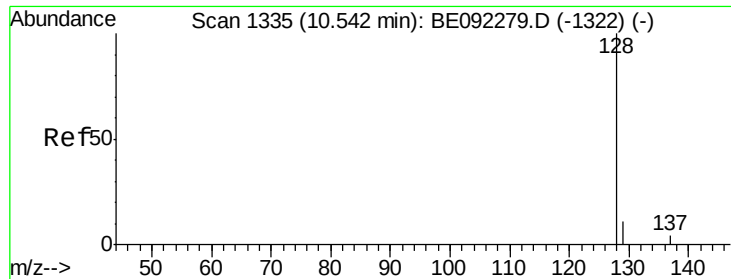
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

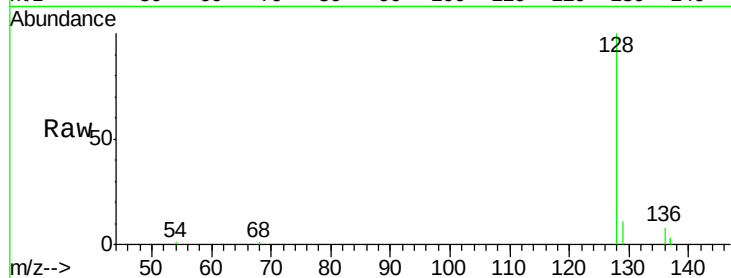
Tgt Ion:128 Resp: 25508

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

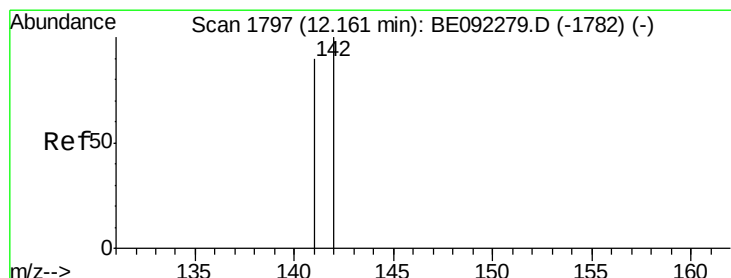
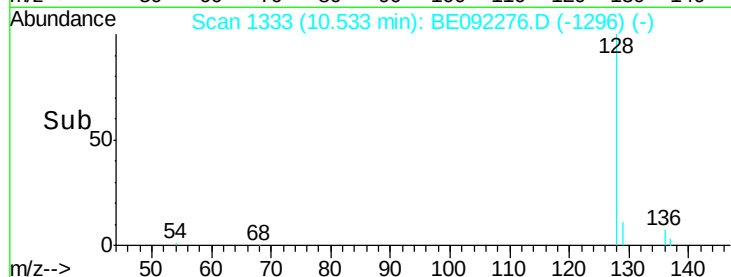
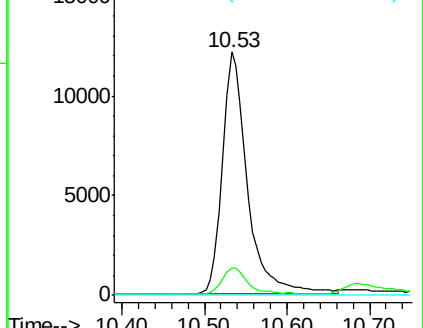
127 0.0 0.0 0.0



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: 0.38 ng/ul

RT: 12.15 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BE092276.D

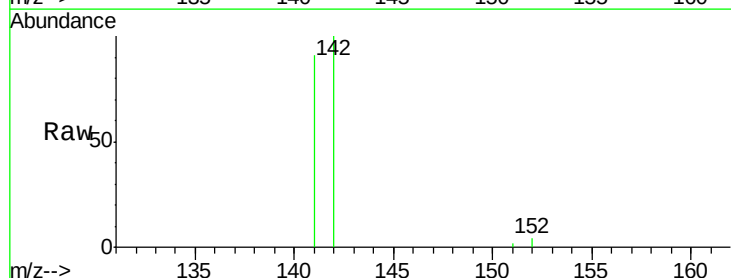
Acq: 25 Aug 2016 17:30

Tgt Ion:142 Resp: 17447

Ion Ratio Lower Upper

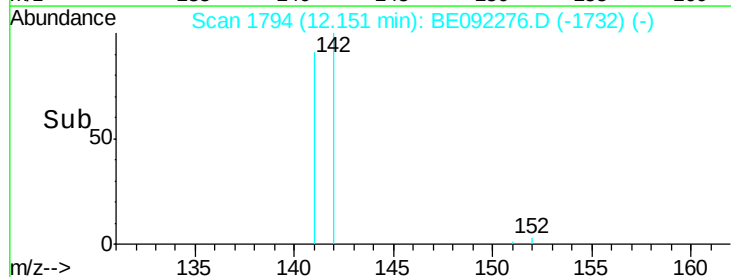
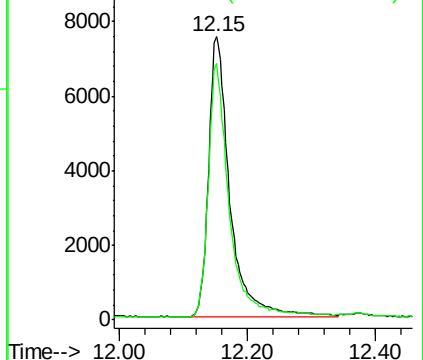
142 100

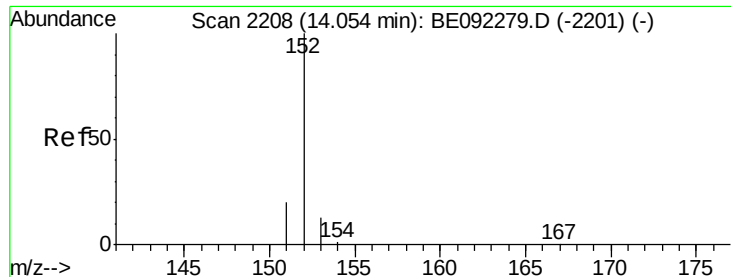
141 90.4 71.9 107.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.35 ng/ul

RT: 14.05 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

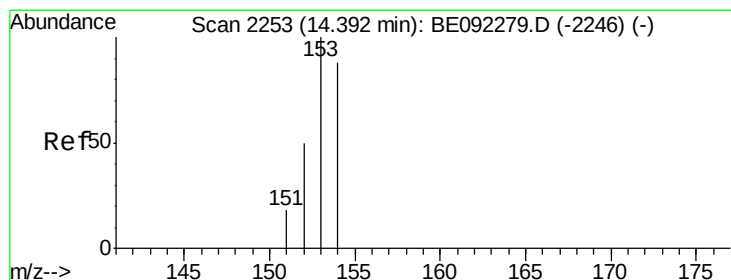
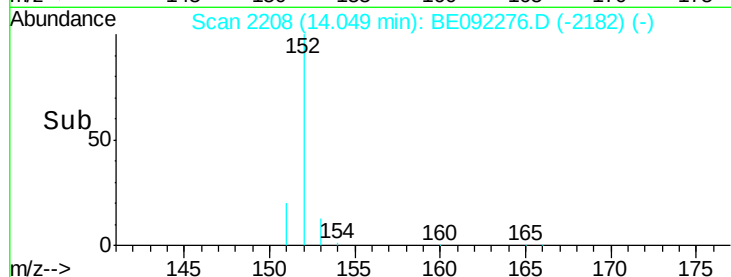
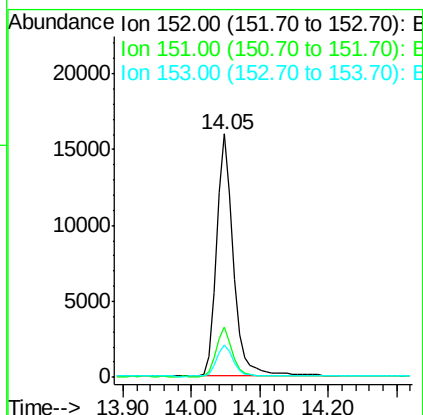
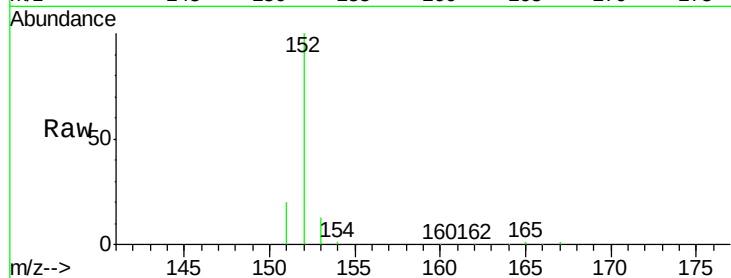
Tgt Ion:152 Resp: 27505

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.4 11.2 16.8



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 14.39 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

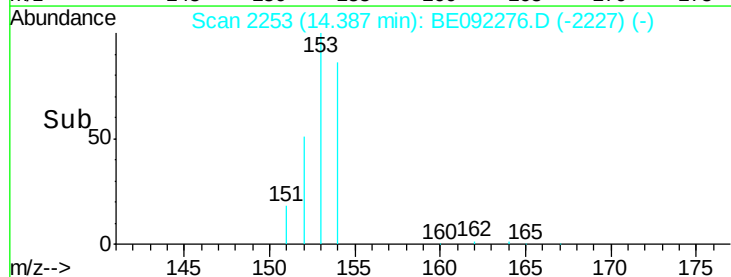
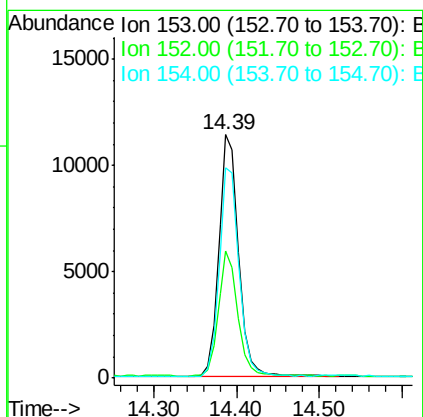
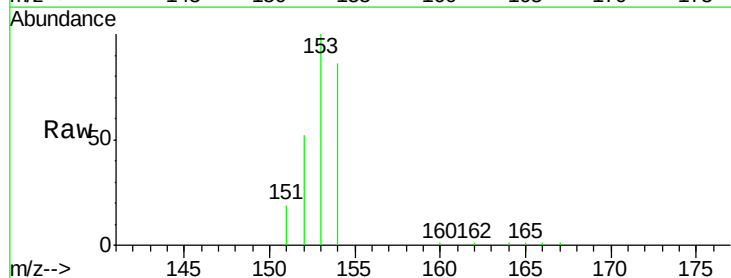
Tgt Ion:153 Resp: 18957

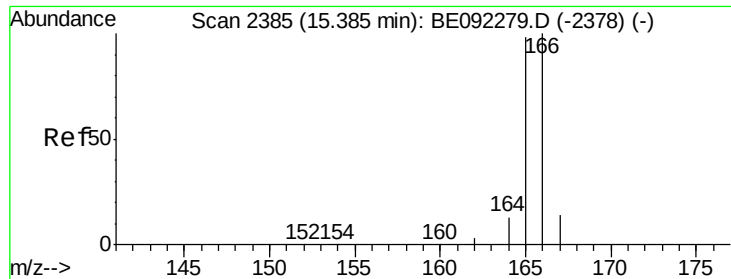
Ion Ratio Lower Upper

153 100

152 52.4 40.9 61.3

154 86.3 70.6 106.0





#9

Fluorene

Concen: 0.39 ng/ul

RT: 15.38 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

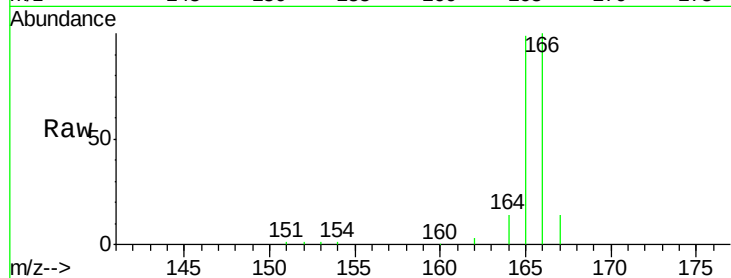
Tgt Ion:166 Resp: 22522

Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

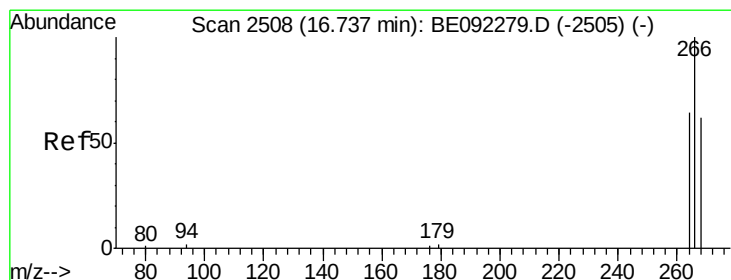
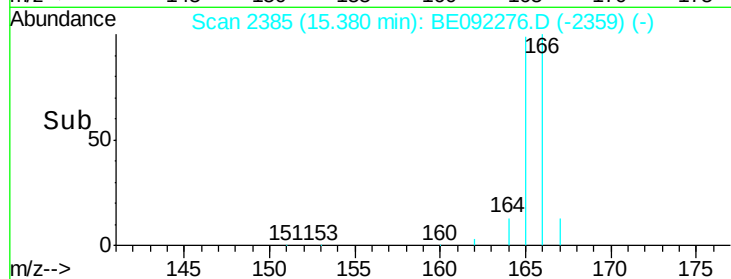
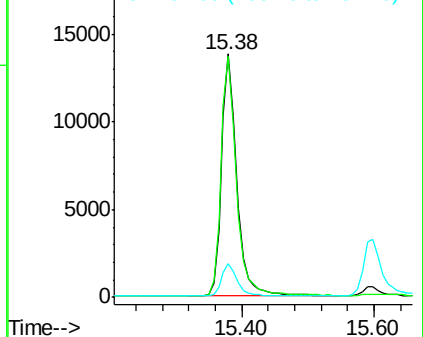
167 14.1 11.5 17.3



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: 0.24 ng/ul

RT: 16.74 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

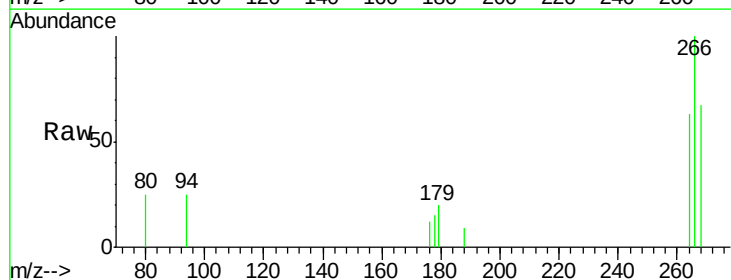
Tgt Ion:266 Resp: 2049

Ion Ratio Lower Upper

266 100

264 64.3 53.0 79.6

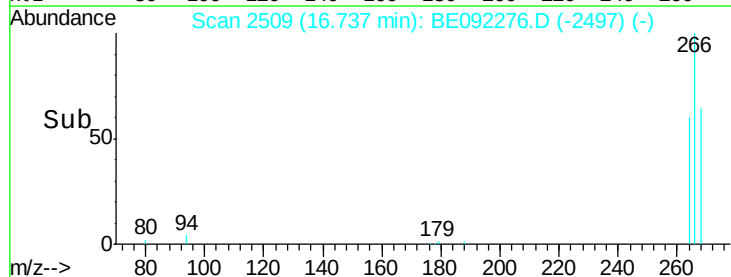
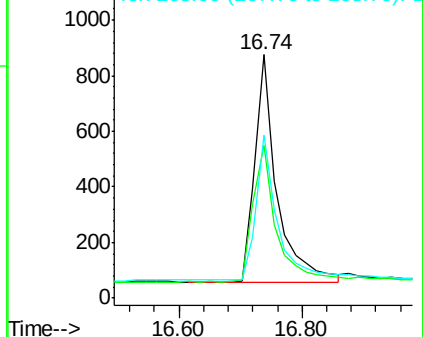
268 61.5 52.3 78.5

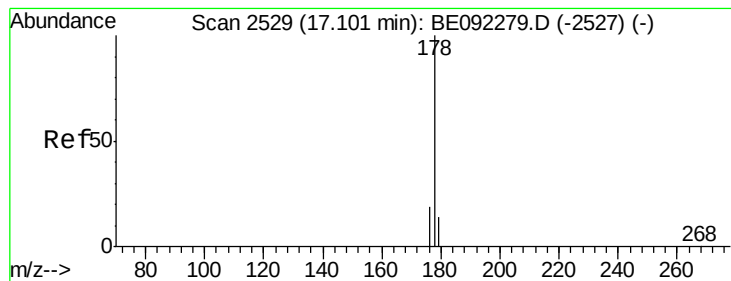


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.10 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

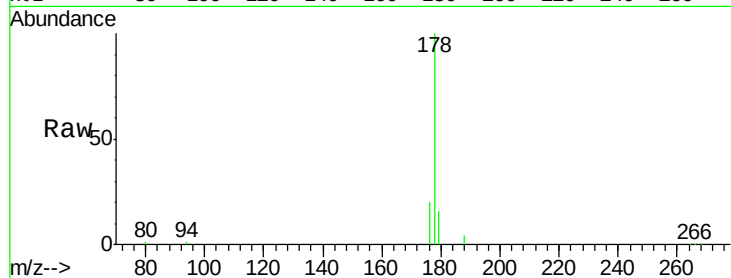
Tgt Ion:178 Resp: 40826

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

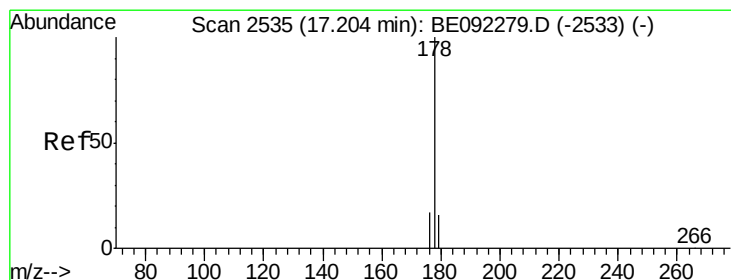
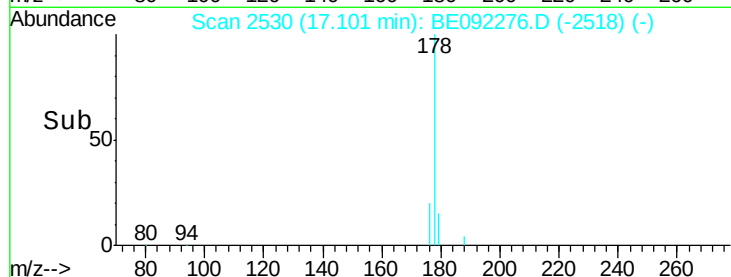
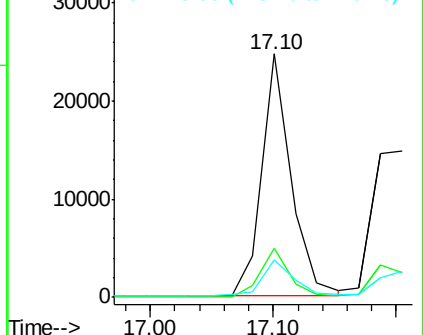
179 15.5 11.9 17.9



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



#13

Anthracene

Concen: 0.38 ng/ul

RT: 17.20 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

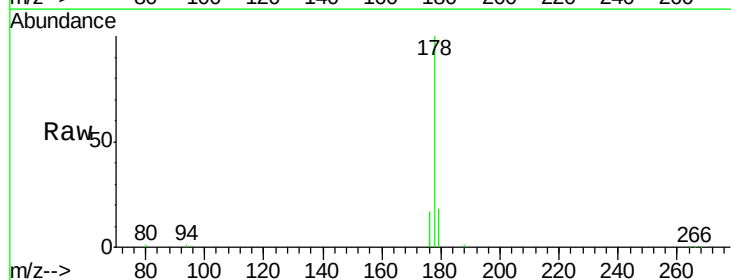
Tgt Ion:178 Resp: 37747

Ion Ratio Lower Upper

178 100

176 17.0 14.0 21.0

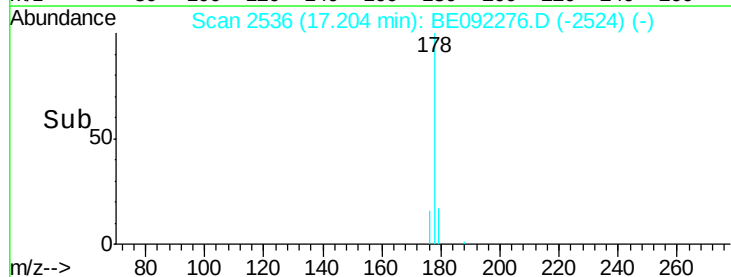
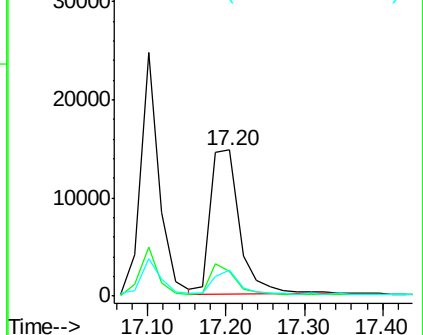
179 17.8 13.6 20.4

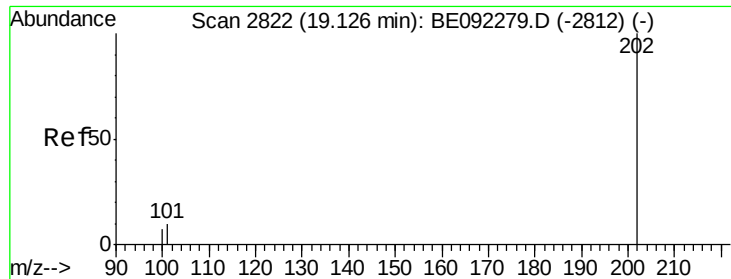


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

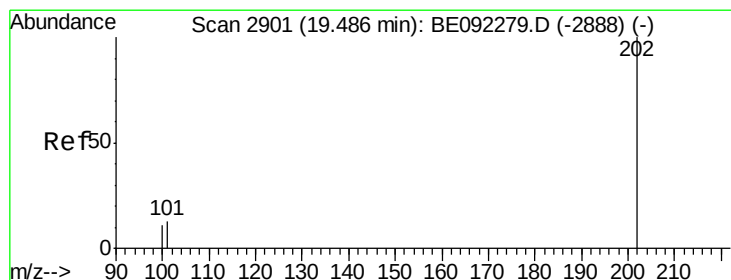
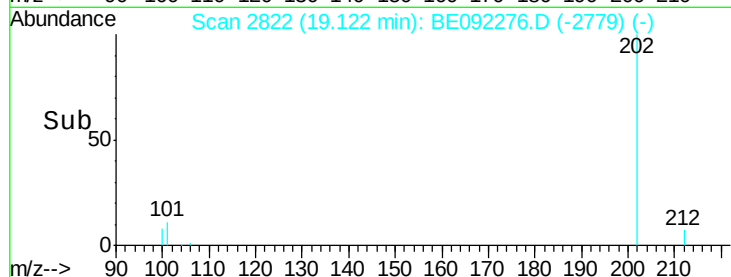
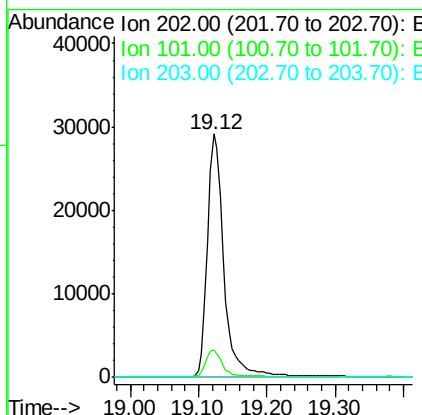
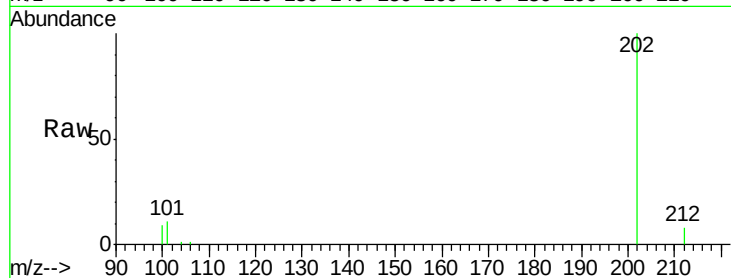




#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.12 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BE092276.D
 Acq: 25 Aug 2016 17:30

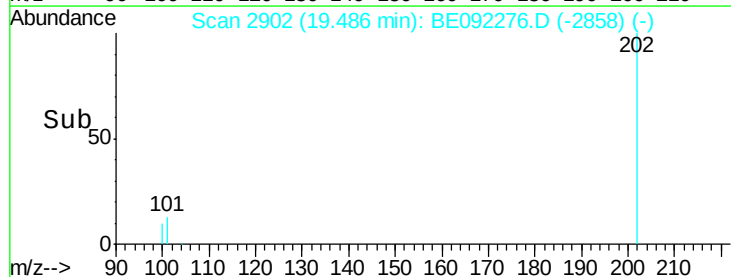
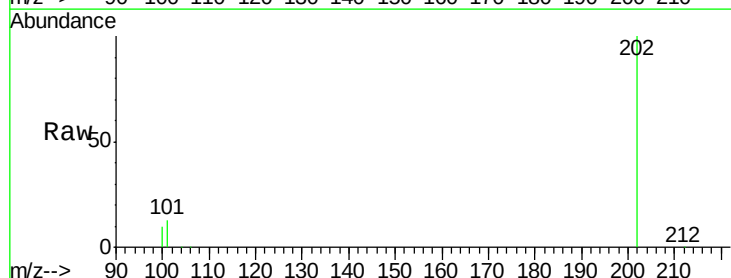
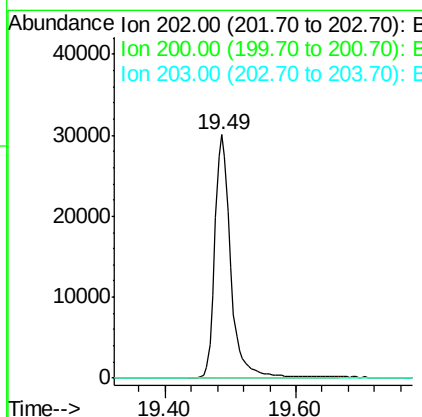
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

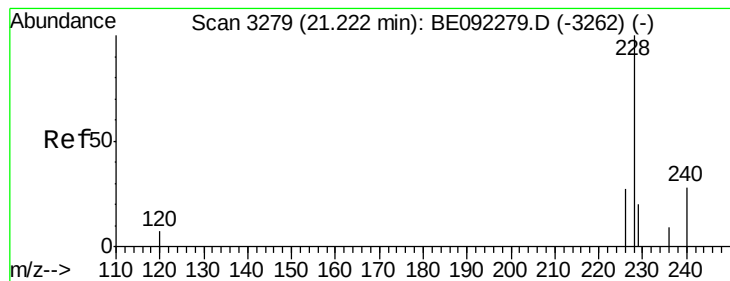
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.8
203	0.0	0.0	20.0



#17
Pyrene
 Concen: 0.33 ng/ul
 RT: 19.49 min Scan# 2902
 Delta R.T. 0.00 min
 Lab File: BE092276.D
 Acq: 25 Aug 2016 17:30

Tgt 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: 0.33 ng/ul

RT: 21.22 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

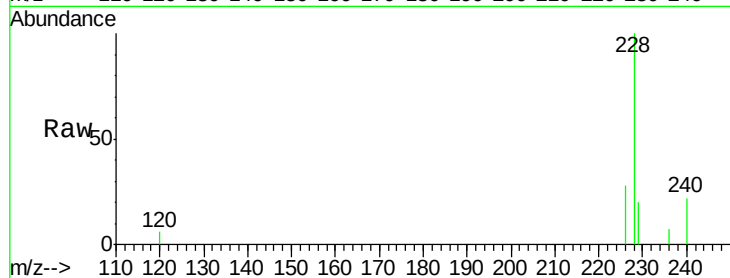
Tgt Ion:228 Resp: 47995

Ion Ratio Lower Upper

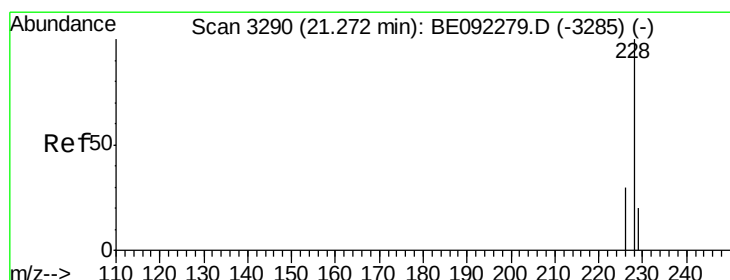
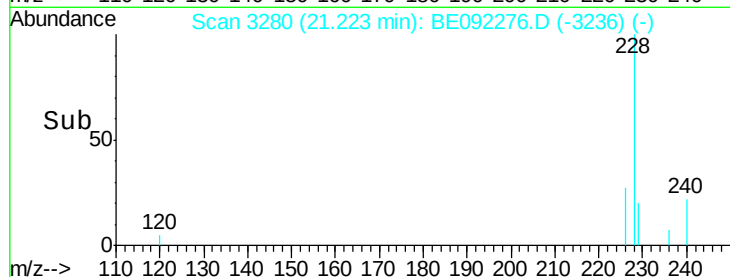
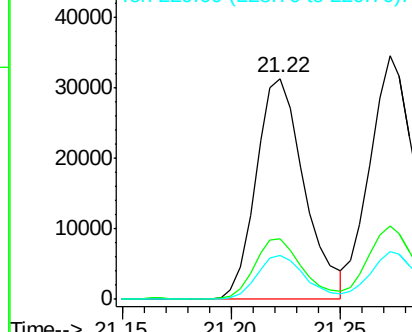
228 100

226 27.5 21.6 32.4

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



#19

Chrysene

Concen: 0.38 ng/ul

RT: 21.27 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

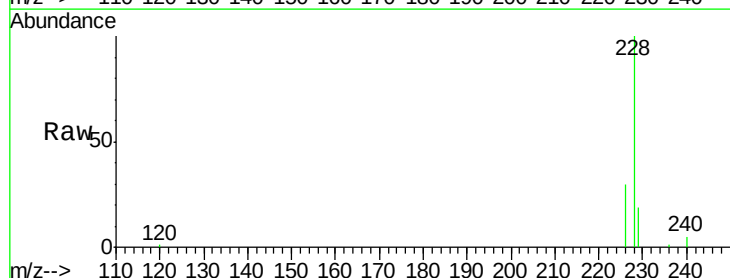
Tgt Ion:228 Resp: 55312

Ion Ratio Lower Upper

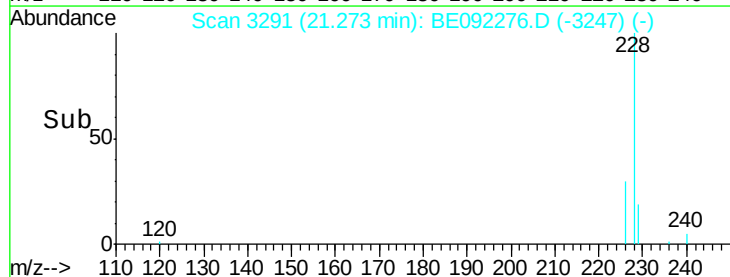
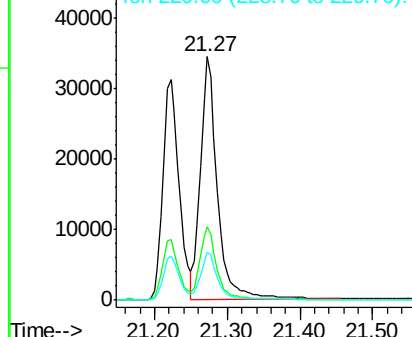
228 100

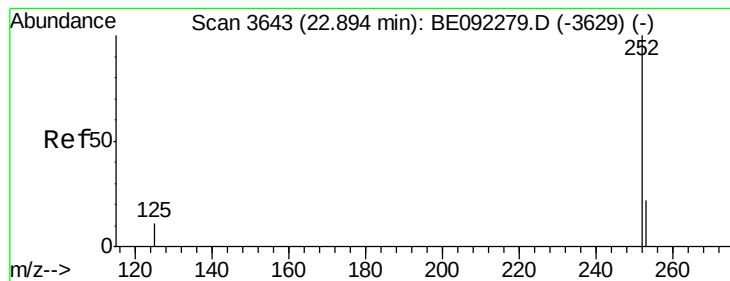
226 30.3 23.8 35.8

229 19.4 16.0 24.0



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

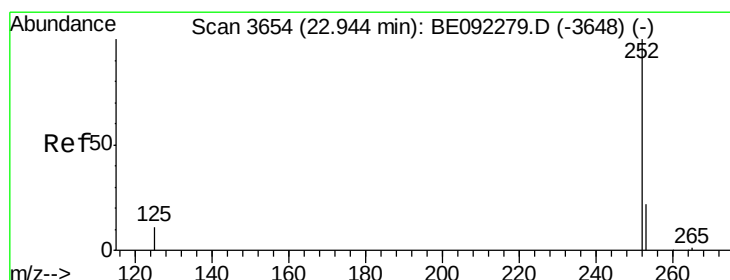
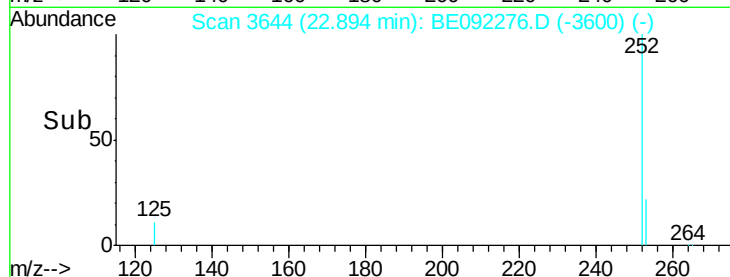
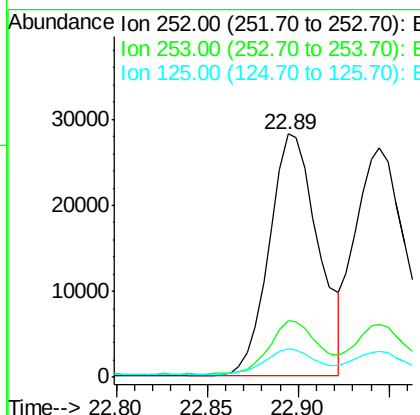
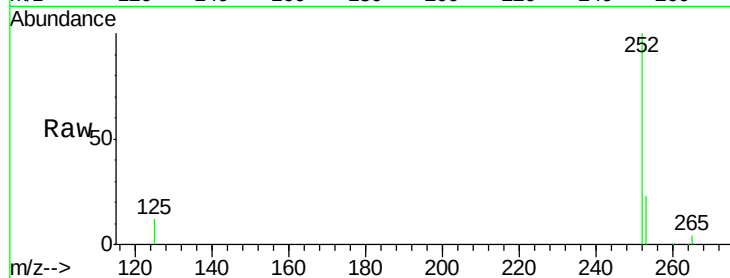




#21
Benzo(b)fluoranthene
Concen: 0.33 ng/ul
RT: 22.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BE092276.D
Acq: 25 Aug 2016 17:30

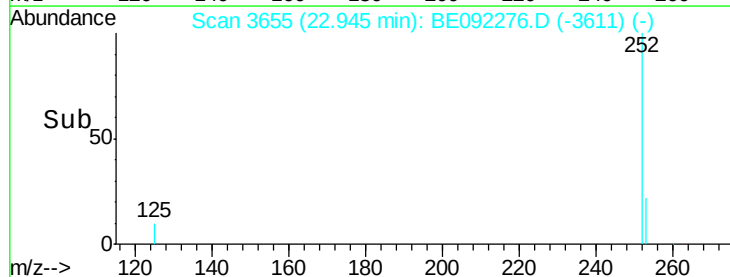
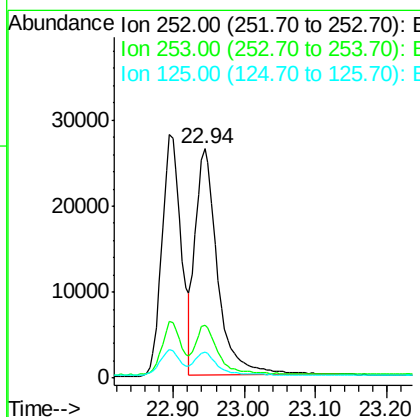
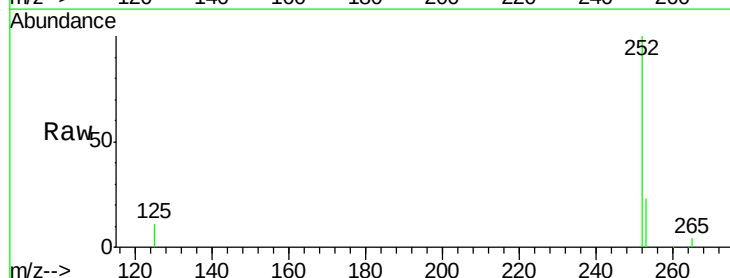
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

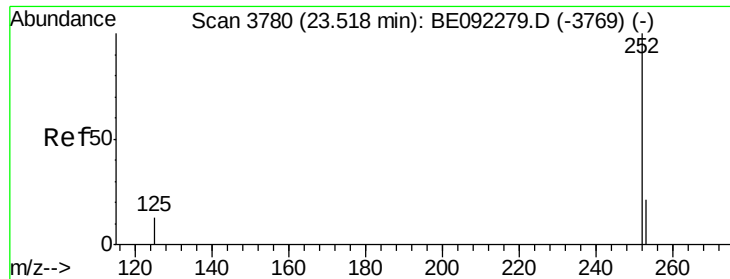
Tgt Ion:252 Resp: 52798
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.6
125 11.7 0.0 24.2



#22
Benzo(k)fluoranthene
Concen: 0.41 ng/ul
RT: 22.94 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BE092276.D
Acq: 25 Aug 2016 17:30

Tgt Ion:252 Resp: 57268
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 11.4 9.7 14.5





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.52 min Scan# 3782

Delta R.T. 0.01 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

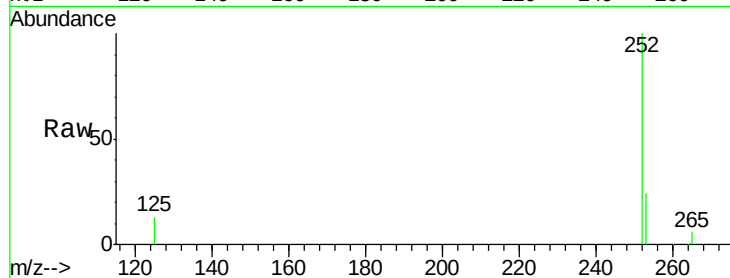
Tgt Ion:252 Resp: 53854

Ion Ratio Lower Upper

252 100

253 23.6 18.8 28.2

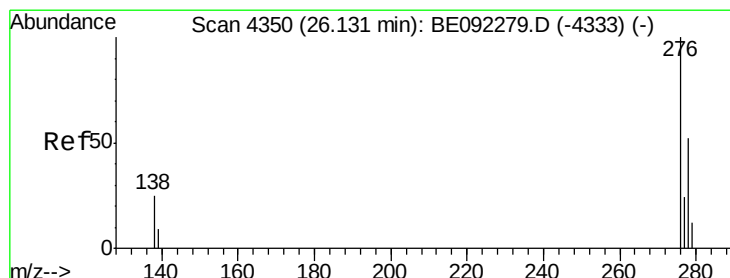
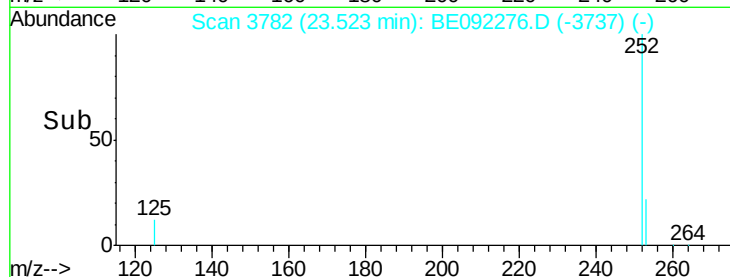
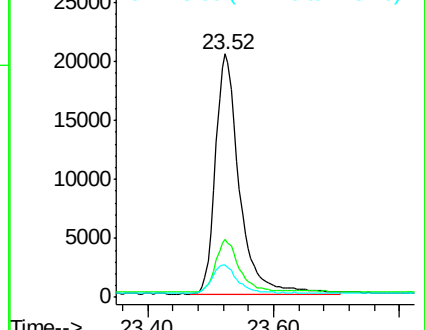
125 13.3 11.9 17.9



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: 0.35 ng/ul

RT: 26.14 min Scan# 4352

Delta R.T. 0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

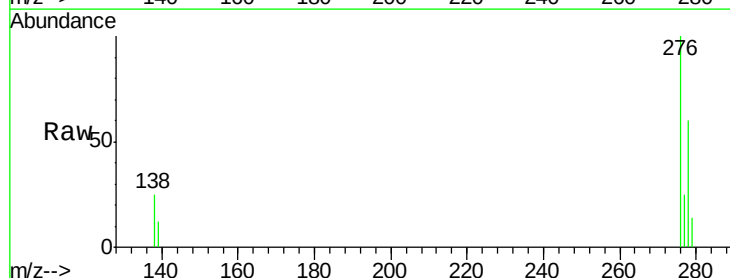
Tgt Ion:276 Resp: 60074

Ion Ratio Lower Upper

276 100

138 26.7 0.0 0.0#

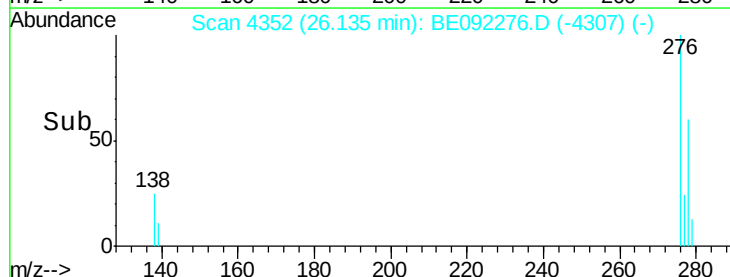
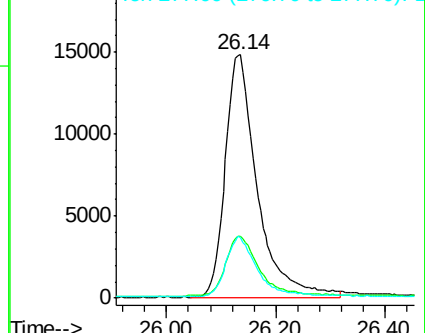
277 24.5 0.0 0.0#

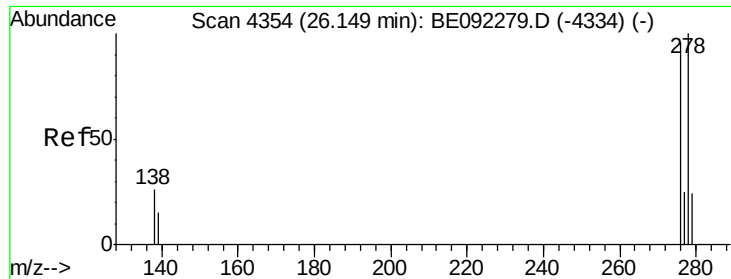


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.35 ng/ul

RT: 26.15 min Scan# 4356

Delta R.T. 0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

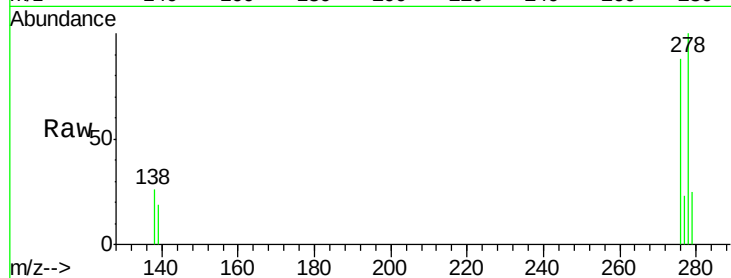
Tgt Ion:278 Resp: 48302

Ion Ratio Lower Upper

278 100

139 19.1 14.6 22.0

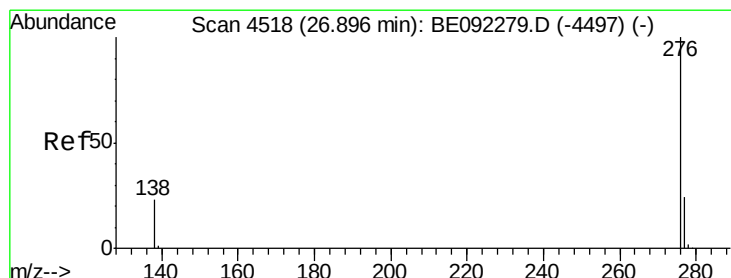
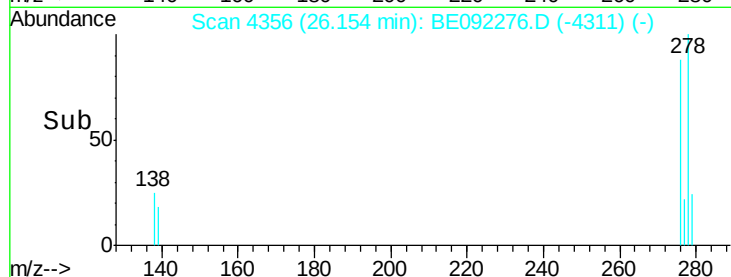
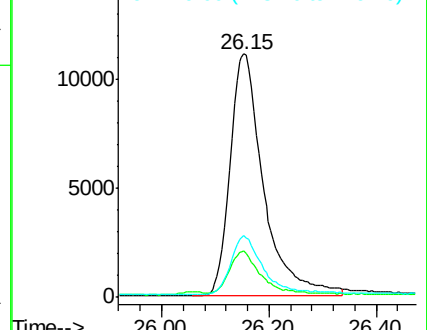
279 25.4 20.2 30.2



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



#26

Benzo(g,h,i)perylene

Concen: 0.35 ng/ul

RT: 26.90 min Scan# 4520

Delta R.T. 0.00 min

Lab File: BE092276.D

Acq: 25 Aug 2016 17:30

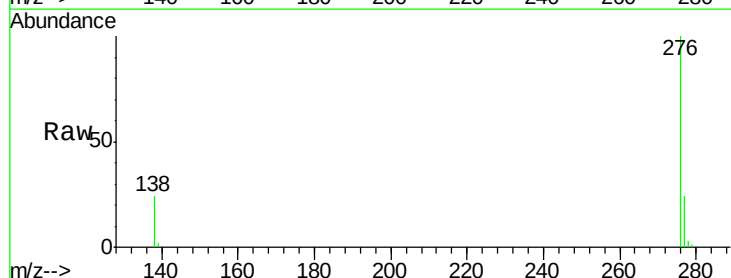
Tgt Ion:276 Resp: 52206

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 23.7 19.2 28.8



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

