

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082516\
 Data File : BE092279.D
 Acq On : 25 Aug 2016 19:17
 Operator : UM/SJ
 Sample : SSTD0.469
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.469

Quant Time: Aug 26 04:20:40 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	4960	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	22797	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	12360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	32249	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	39104	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	36153	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	12288	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	33329	0.45	ng/ul	0.00

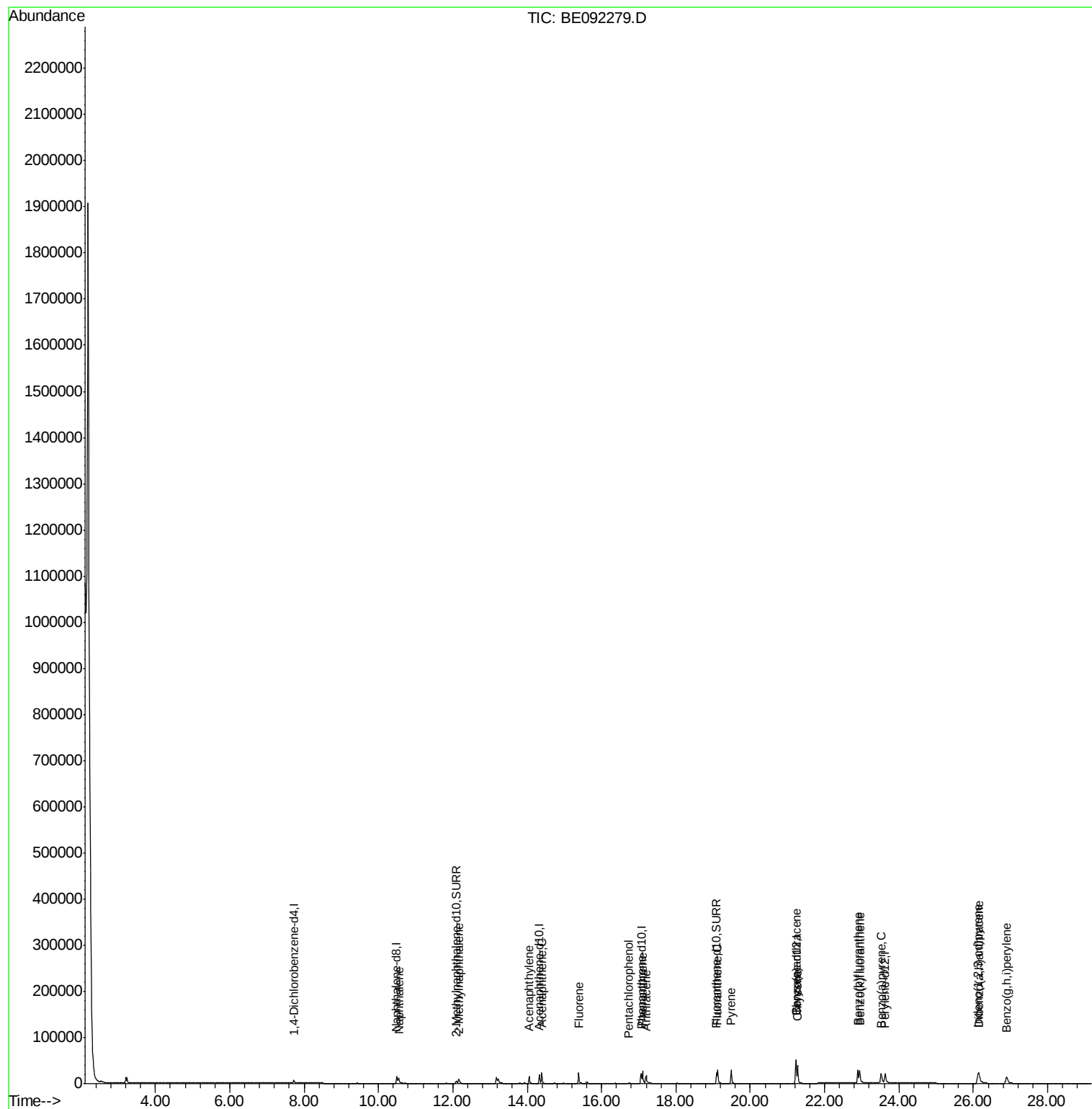
Target Compounds						Qvalue
3) Naphthalene	10.54	128	21583	0.38	ng/ul	100
5) 2-Methylnaphthalene	12.16	142	14267	0.38	ng/ul	100
7) Acenaphthylene	14.05	152	22323	0.35	ng/ul	100
8) Acenaphthene	14.39	153	15680	0.37	ng/ul	100
9) Fluorene	15.38	166	18352	0.38	ng/ul	100
11) Pentachlorophenol	16.74	266	1376	0.19	ng/ul	99
12) Phenanthrene	17.10	178	33701	0.38	ng/ul	100
13) Anthracene	17.20	178	29716	0.35	ng/ul	100
15) Fluoranthene	19.13	202	39078	0.38	ng/ul	100
17) Pyrene	19.49	202	41222	0.34	ng/ul	100
18) Benzo(a)anthracene	21.22	228	37394	0.32	ng/ul	100
19) Chrysene	21.27	228	44242	0.39	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	39210	0.31	ng/ul	100
22) Benzo(k)fluoranthene	22.94	252	47568	0.43	ng/ul	100
23) Benzo(a)pyrene	23.52	252	42490	0.38	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.13	276	45769	0.34	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.15	278	36320	0.34	ng/ul	100
26) Benzo(g,h,i)perylene	26.90	276	40546	0.35	ng/ul	100

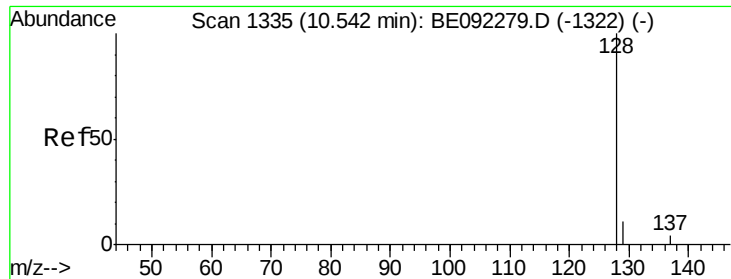
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082516\
Data File : BE092279.D
Acq On : 25 Aug 2016 19:17
Operator : UM/SJ
Sample : SSTD0.469
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.469

Quant Time: Aug 26 04:20:40 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





#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

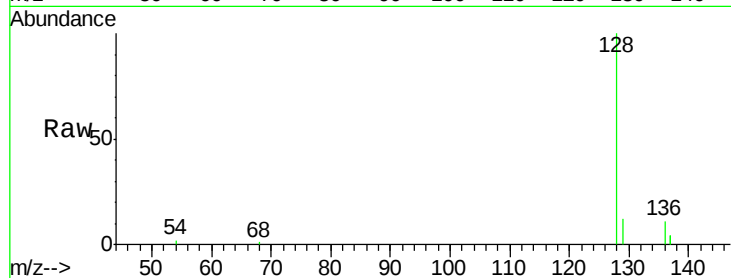
Tgt Ion:128 Resp: 21583

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

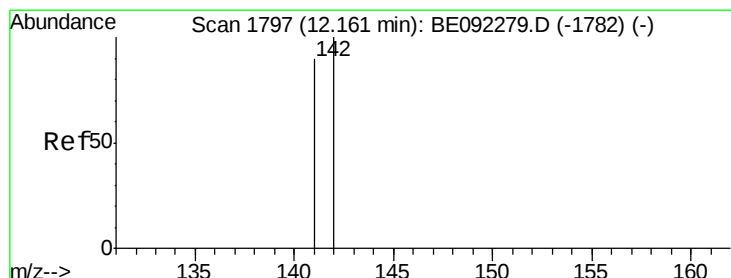
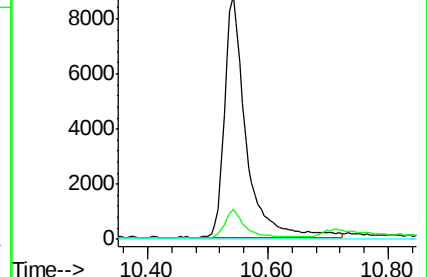
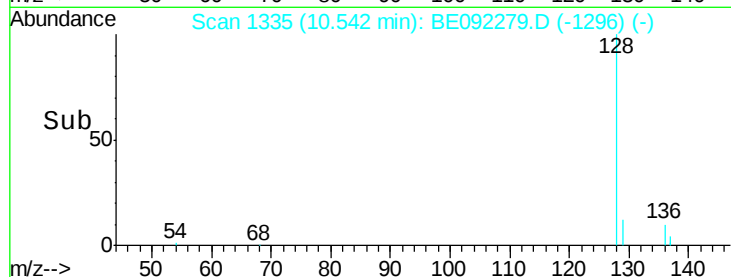
127 0.0 0.0 0.0



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: 12.16 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BE092279.D

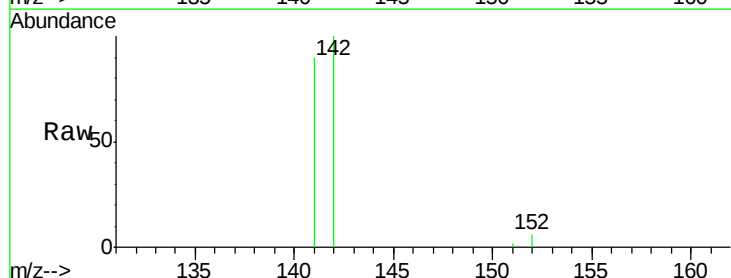
Acq: 25 Aug 2016 19:17

Tgt Ion:142 Resp: 14267

Ion Ratio Lower Upper

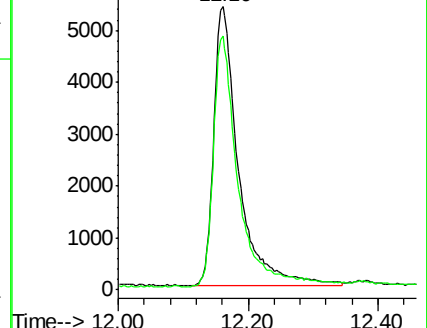
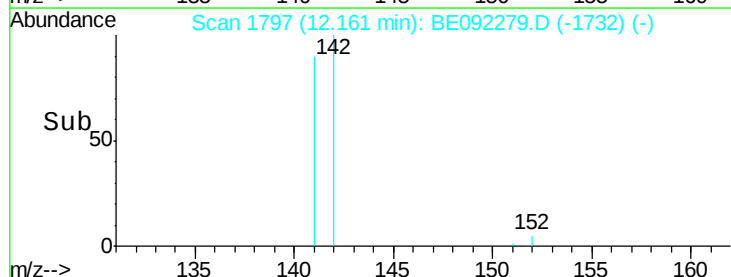
142 100

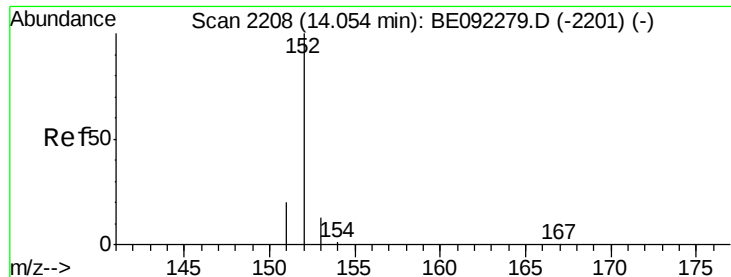
141 90.2 71.9 107.9



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: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

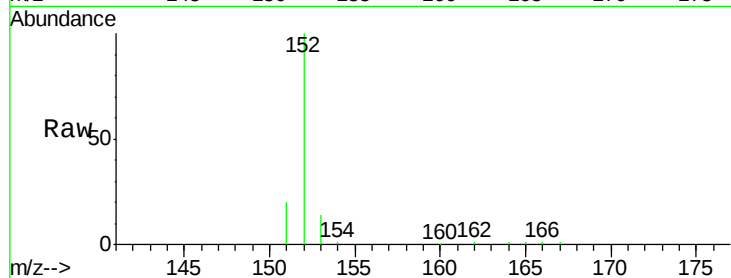
Tgt Ion:152 Resp: 22323

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

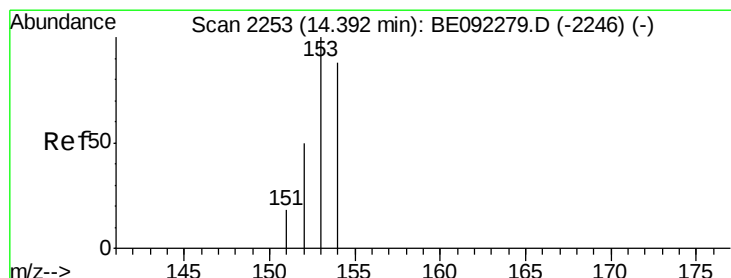
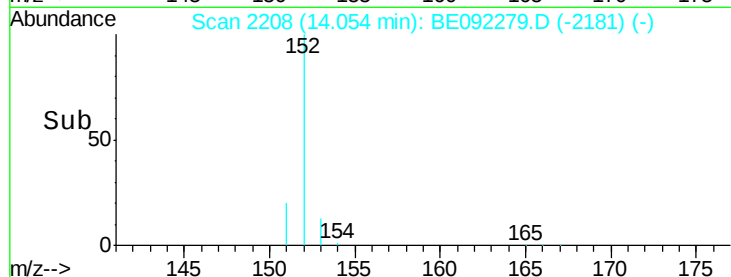
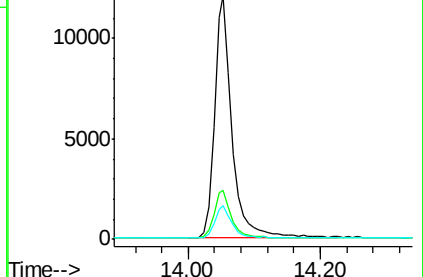
153 14.0 11.2 16.8



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: 0.37 ng/ul

RT: 14.39 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

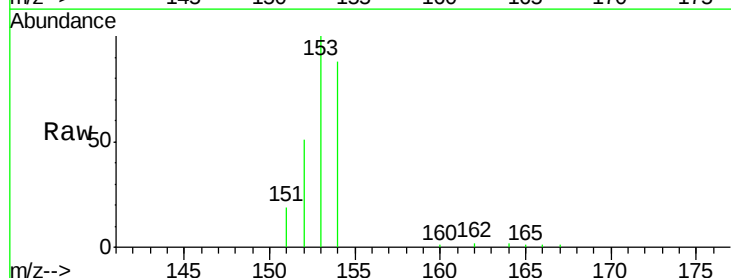
Tgt Ion:153 Resp: 15680

Ion Ratio Lower Upper

153 100

152 51.1 40.9 61.3

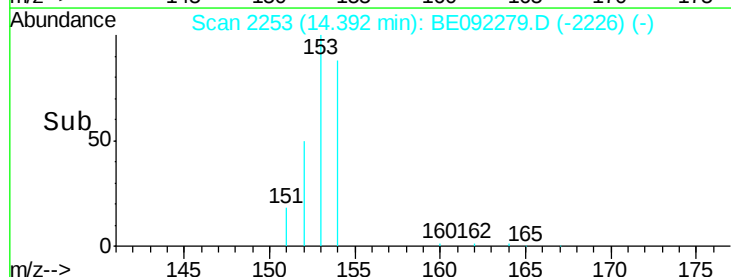
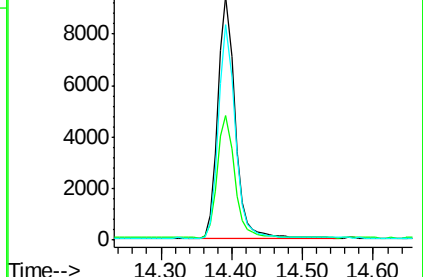
154 88.3 70.6 106.0

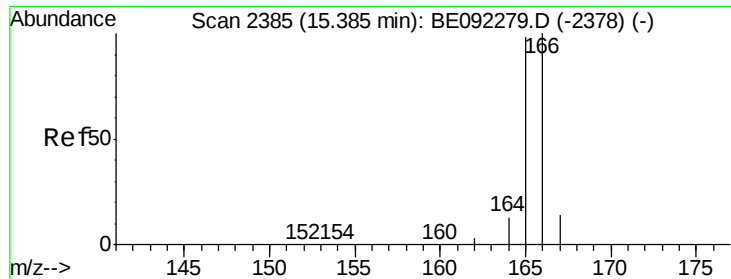


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.38 ng/ul

RT: 15.38 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

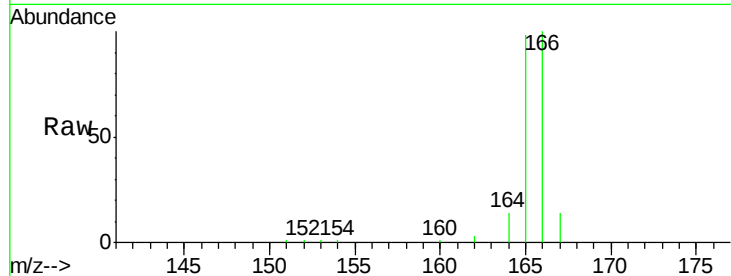
Tgt Ion:166 Resp: 18352

Ion Ratio Lower Upper

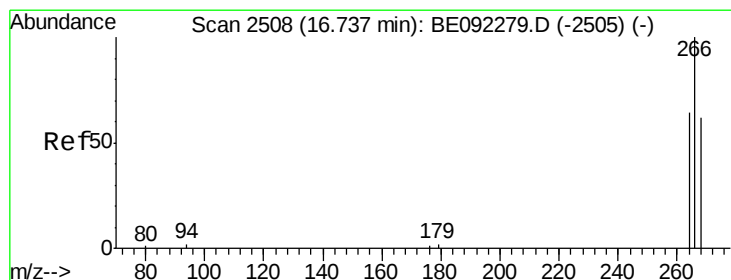
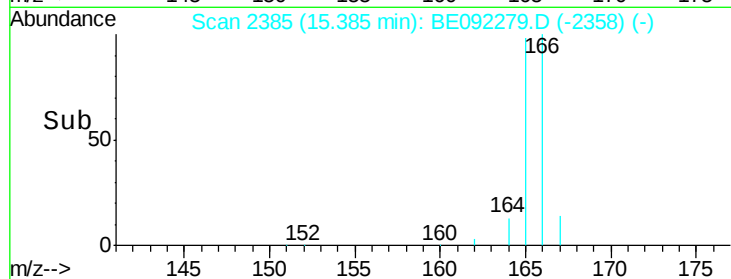
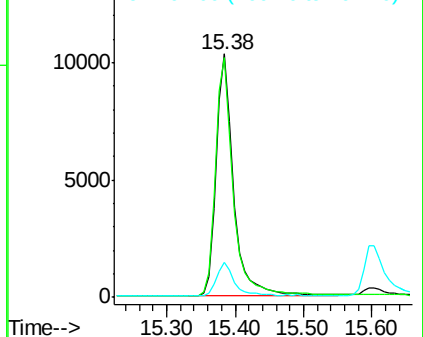
166 100

165 98.4 78.7 118.1

167 14.4 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: 0.19 ng/ul

RT: 16.74 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

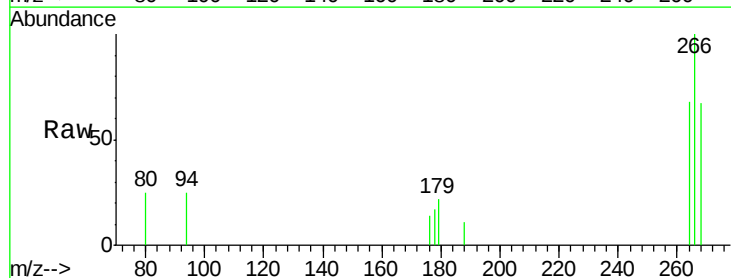
Tgt Ion:266 Resp: 1376

Ion Ratio Lower Upper

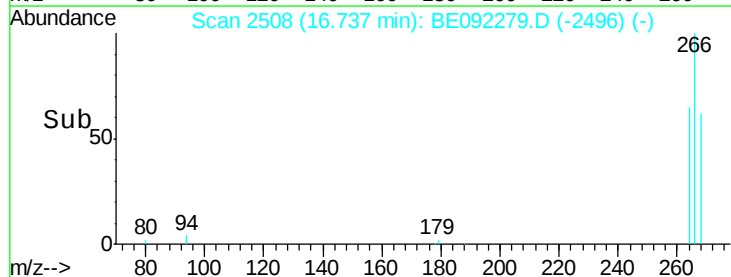
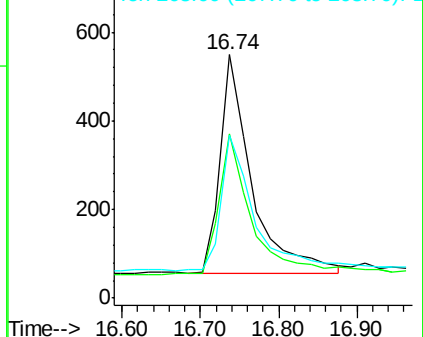
266 100

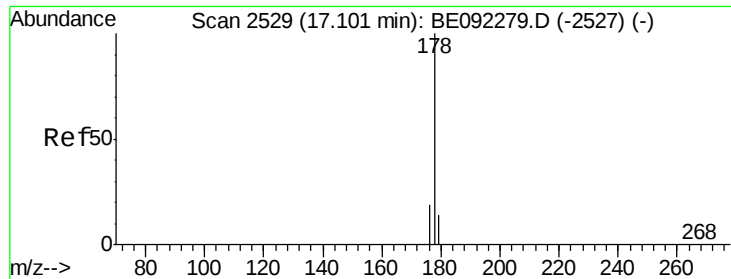
264 65.4 53.0 79.6

268 64.5 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: 0.38 ng/ul

RT: 17.10 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

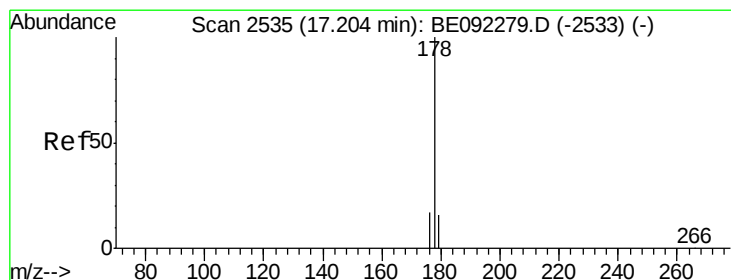
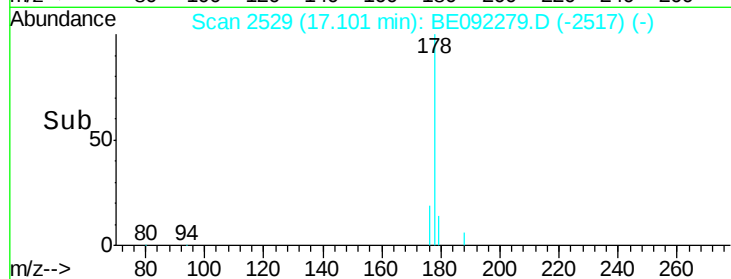
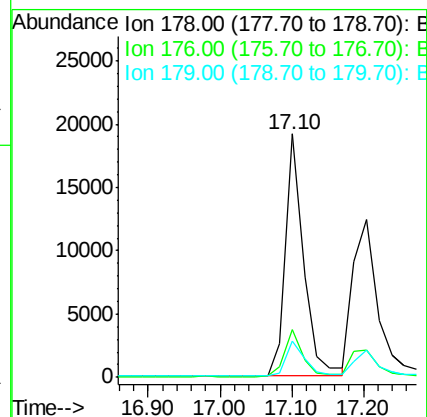
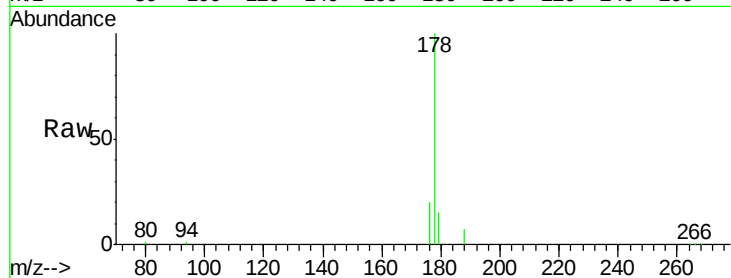
Tgt Ion:178 Resp: 33701

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 14.9 11.9 17.9



#13

Anthracene

Concen: 0.35 ng/ul

RT: 17.20 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

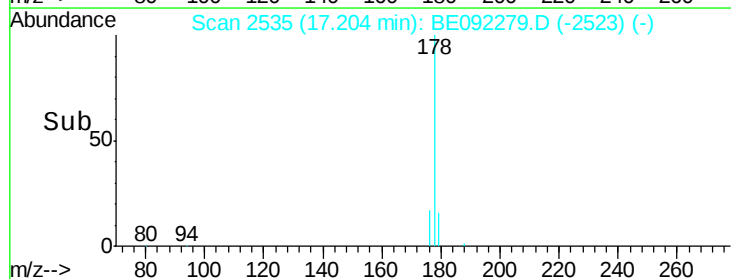
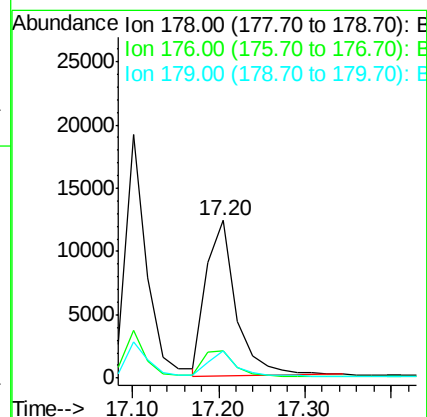
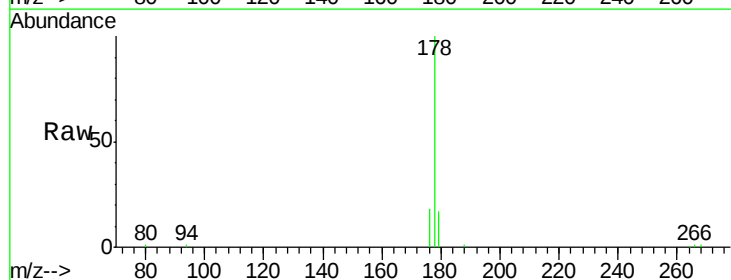
Tgt Ion:178 Resp: 29716

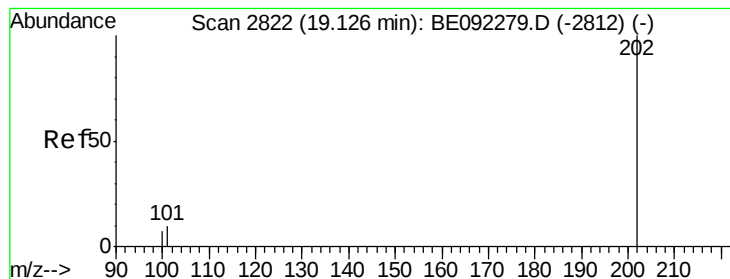
Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

179 17.0 13.6 20.4





#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.13 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

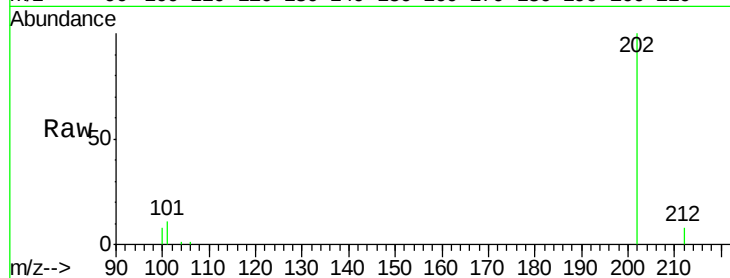
Tgt Ion:202 Resp: 39078

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

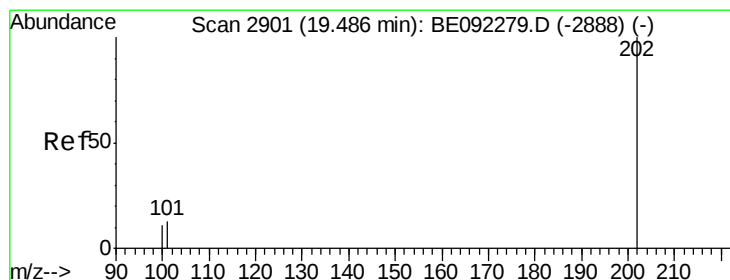
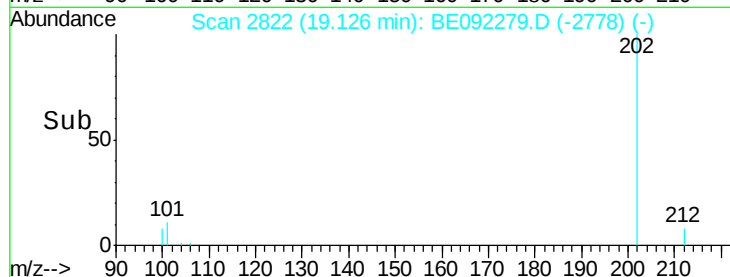
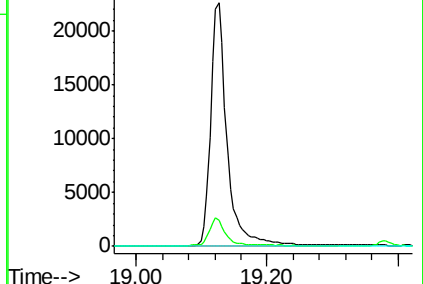
203 0.0 0.0 20.0



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



#17

Pyrene

Concen: 0.34 ng/ul

RT: 19.49 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

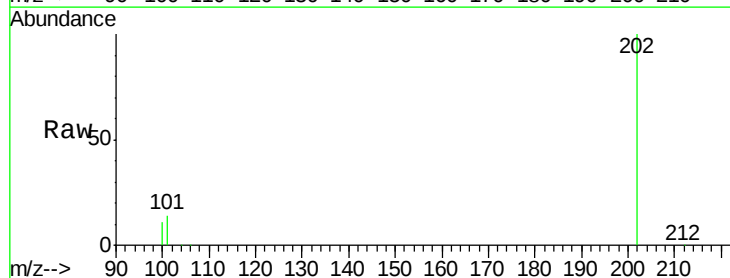
Tgt Ion:202 Resp: 41222

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

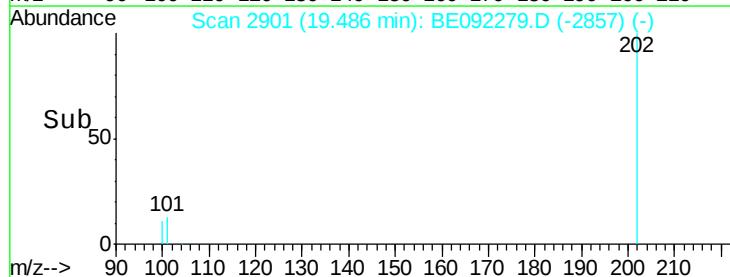
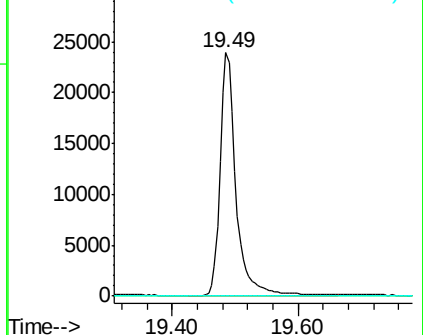
203 0.0 0.0 0.0

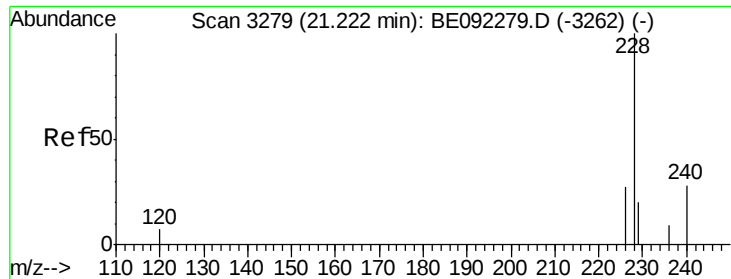


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.32 ng/ul

RT: 21.22 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

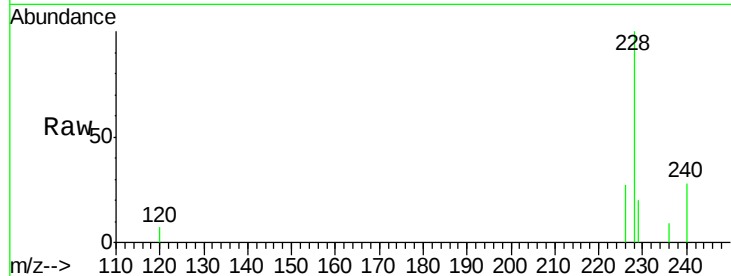
Tgt Ion:228 Resp: 37394

Ion Ratio Lower Upper

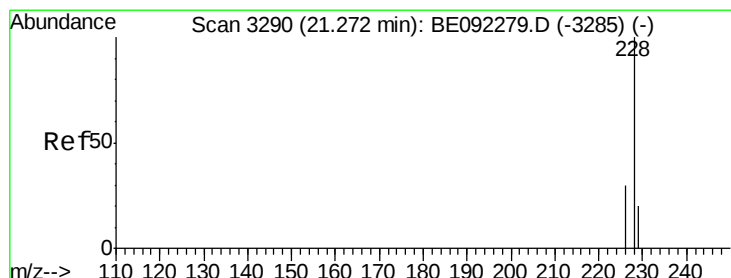
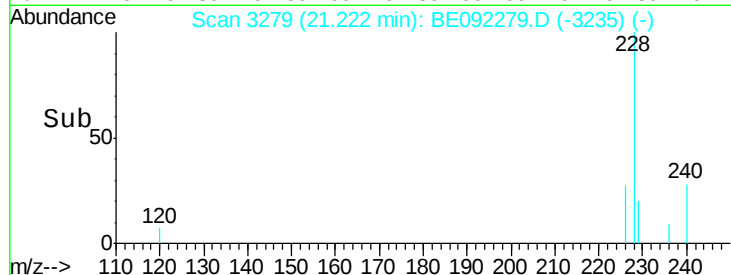
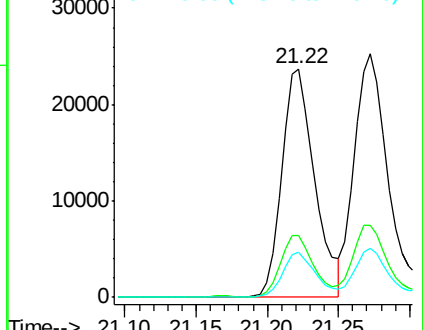
228 100

226 27.0 21.6 32.4

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



#19

Chrysene

Concen: 0.39 ng/ul

RT: 21.27 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

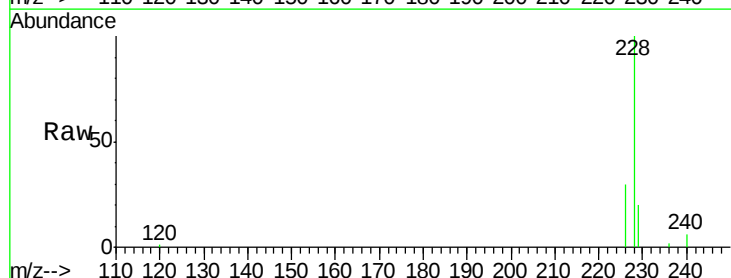
Tgt Ion:228 Resp: 44242

Ion Ratio Lower Upper

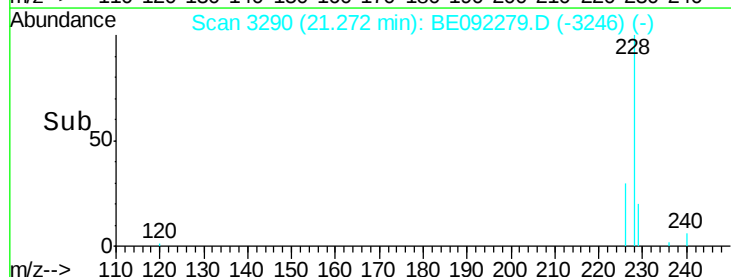
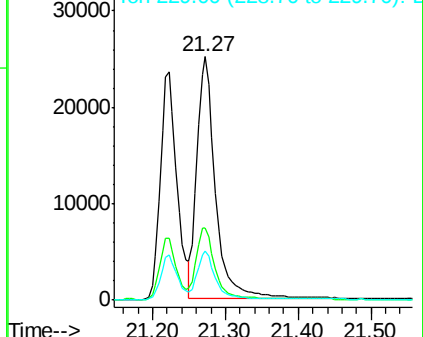
228 100

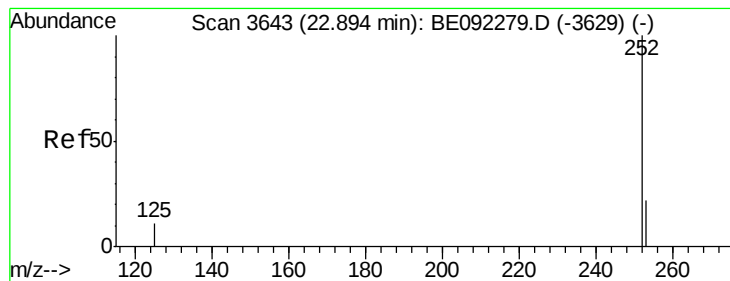
226 29.8 23.8 35.8

229 20.0 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: 0.31 ng/ul

RT: 22.89 min Scan# 3643

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

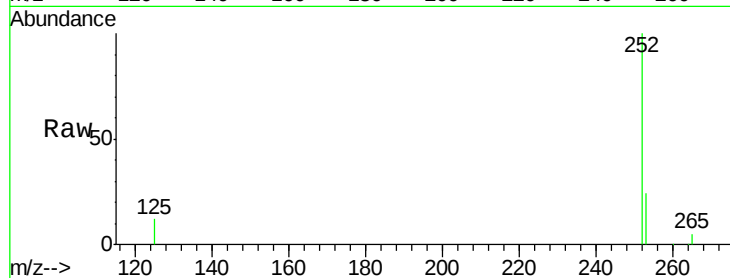
Tgt Ion:252 Resp: 39210

Ion Ratio Lower Upper

252 100

253 23.8 0.0 47.6

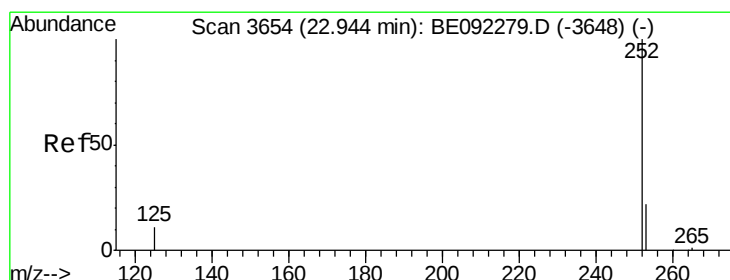
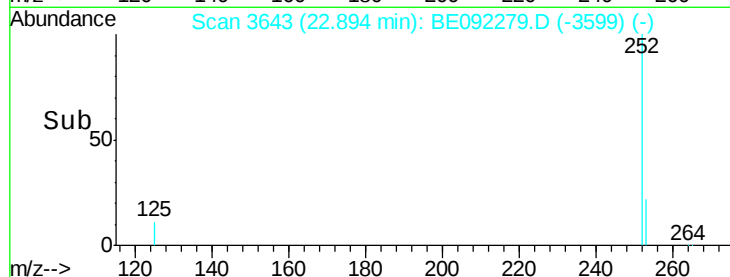
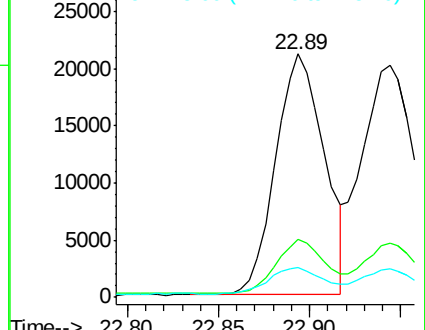
125 12.1 0.0 24.2



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: 0.43 ng/ul

RT: 22.94 min Scan# 3654

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

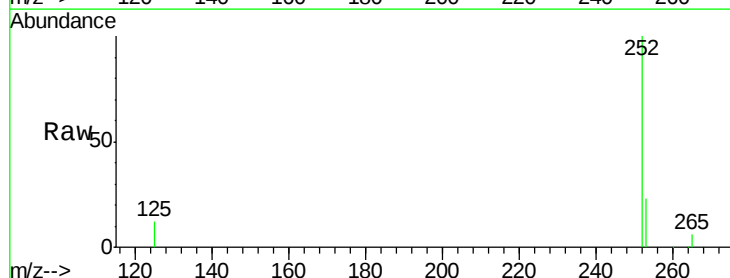
Tgt Ion:252 Resp: 47568

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

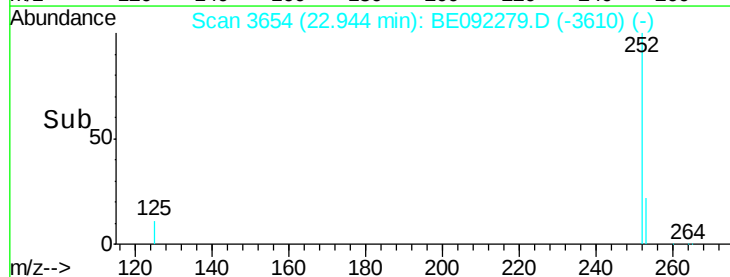
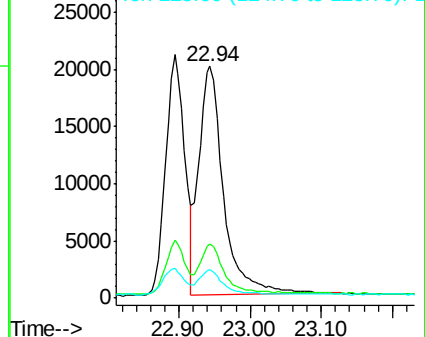
125 12.1 9.7 14.5

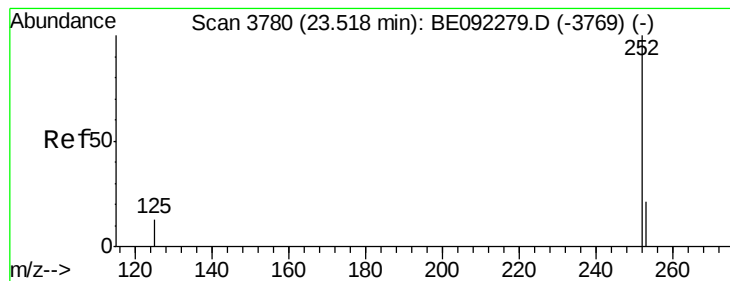


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.52 min Scan# 3780

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

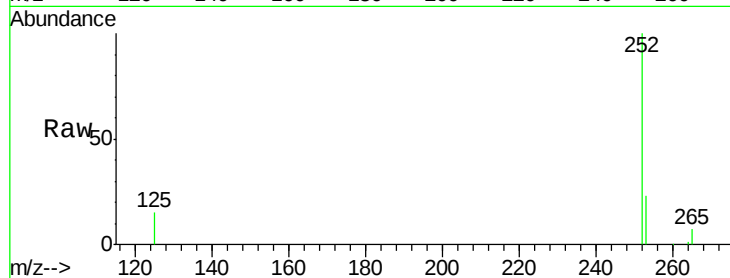
Tgt Ion:252 Resp: 42490

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

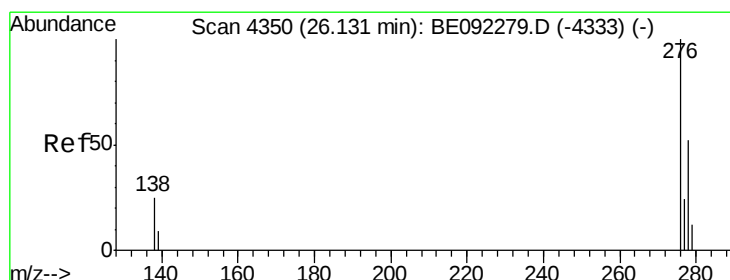
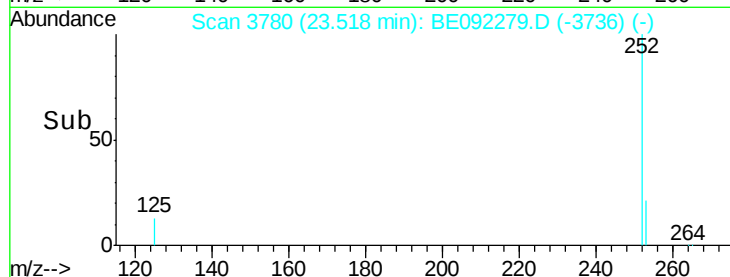
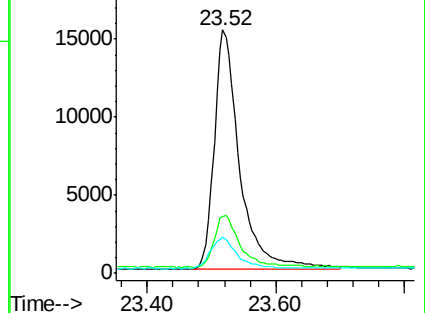
125 14.9 11.9 17.9



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: 0.34 ng/ul

RT: 26.13 min Scan# 4350

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

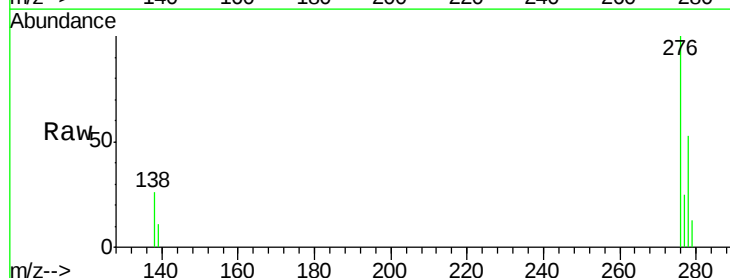
Tgt Ion:276 Resp: 45769

Ion Ratio Lower Upper

276 100

138 27.2 0.0 0.0#

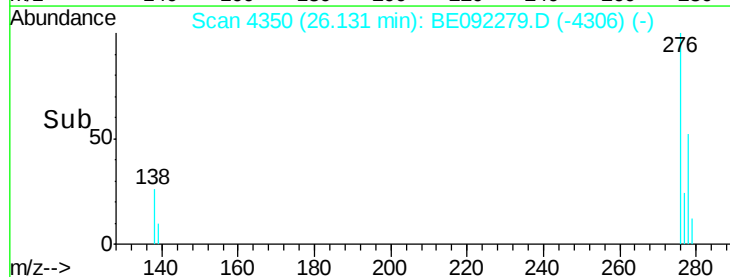
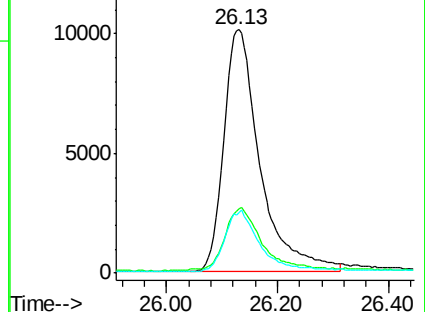
277 24.7 0.0 0.0#

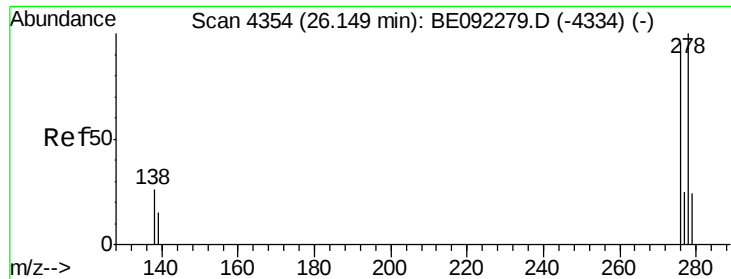


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.34 ng/ul

RT: 26.15 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.469

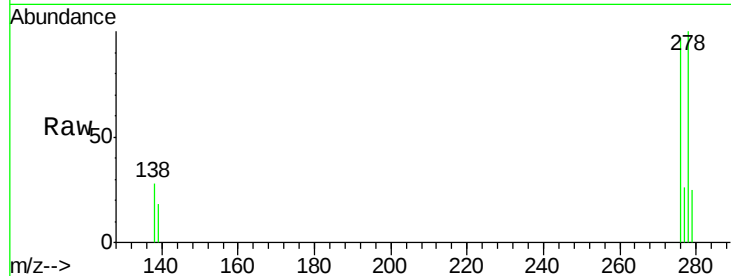
Tgt Ion:278 Resp: 36320

Ion Ratio Lower Upper

278 100

139 18.3 14.6 22.0

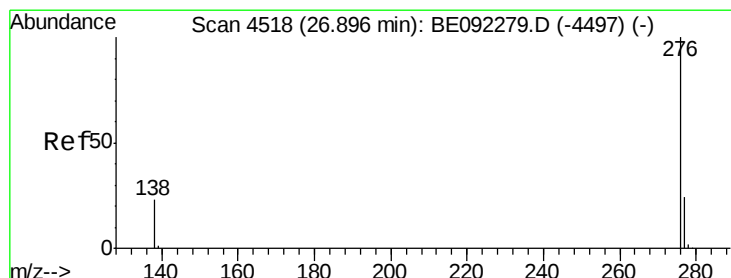
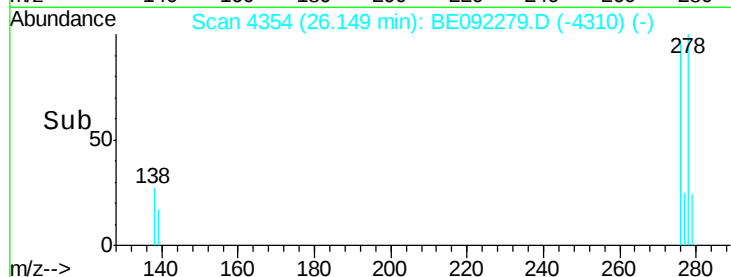
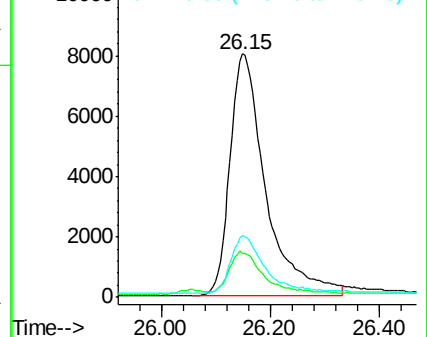
279 25.2 20.2 30.2



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# 4518

Delta R.T. 0.00 min

Lab File: BE092279.D

Acq: 25 Aug 2016 19:17

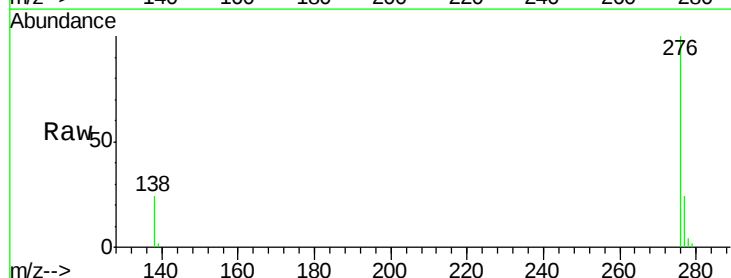
Tgt Ion:276 Resp: 40546

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 24.0 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

