

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101515\
 Data File : BE091016.D
 Acq On : 15 Oct 2015 11:14
 Operator : UM/IZ
 Sample : PB86025BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK25

Quant Time: Oct 15 18:19:43 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 05:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	6069	0.40	ng/ul	0.00
2) Naphthalene-d8	9.63	136	27134	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.44	164	15511	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	39211	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	54200	0.40	ng/ul	0.00
20) Perylene-d12	22.21	264	54719	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.13	152	10639	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.15	212	35659	0.38	ng/ul	0.00

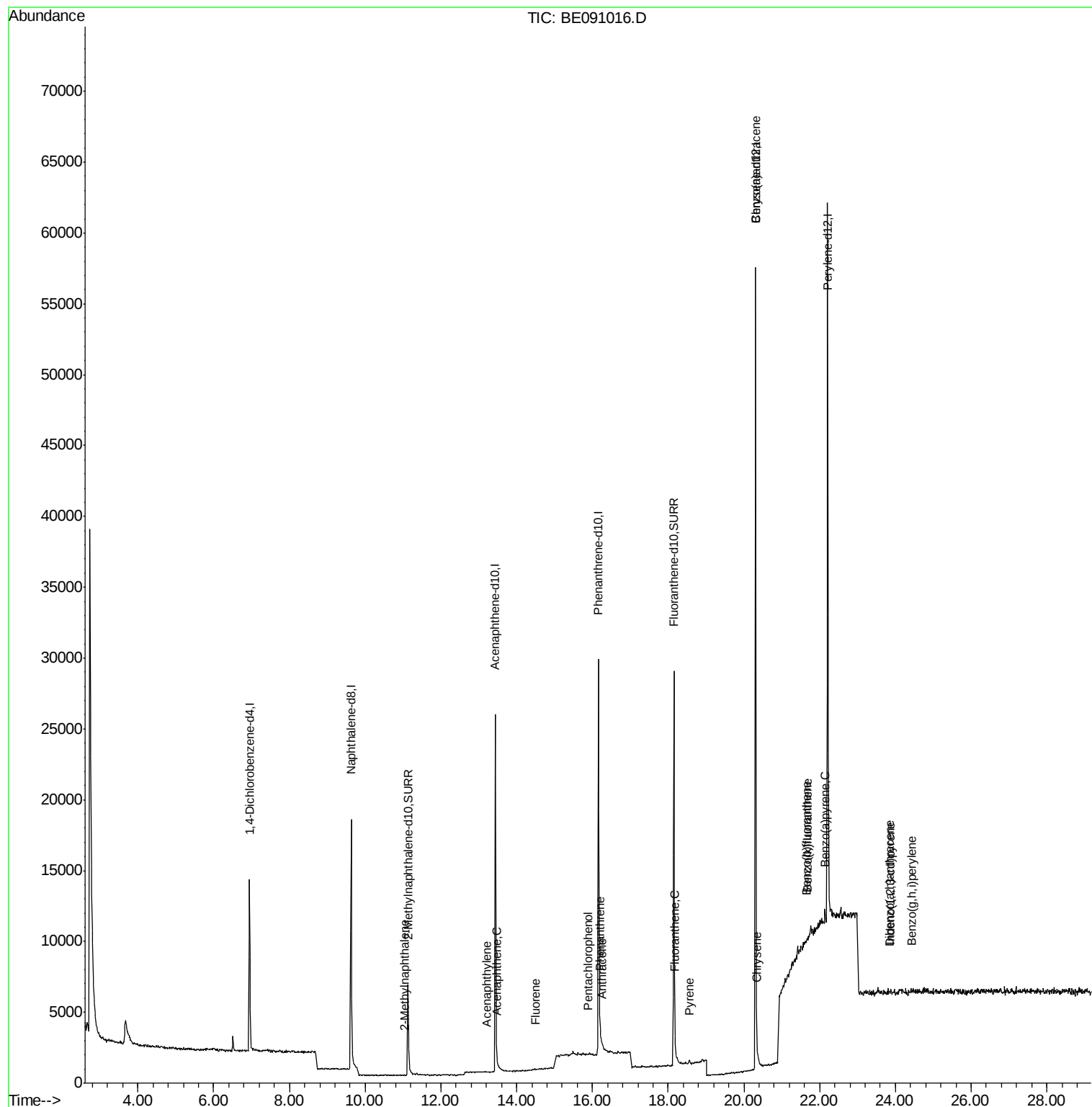
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	11.03	142	11	0.00	ng/ul	83
7) Acenaphthylene	13.21	152	27	0.00	ng/ul#	1
8) Acenaphthene	13.49	153	54	0.00	ng/ul#	73
9) Fluorene	14.50	166	83	0.00	ng/ul#	54
11) Pentachlorophenol	15.89	266	30	0.01	ng/ul#	42
12) Phenanthrene	16.20	178	680	0.00	ng/ul#	1
13) Anthracene	16.26	178	207	0.00	ng/ul#	1
15) Fluoranthene	18.18	202	609	0.00	ng/ul#	1
17) Pyrene	18.56	202	380	0.00	ng/ul#	1
18) Benzo(a)anthracene	20.31	228	198	0.00	ng/ul#	1
19) Chrysene	20.34	228	77	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	21.65	252	139	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	21.67	252	153	0.00	ng/ul#	1
23) Benzo(a)pyrene	22.13	252	149	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	23.87	276	324	0.00	ng/ul#	32
25) Dibenzo(a,h)anthracene	23.83	278	105	0.00	ng/ul#	1
26) Benzo(a,h,i)perylene	24.44	276	431	0.00	ng/ul#	1

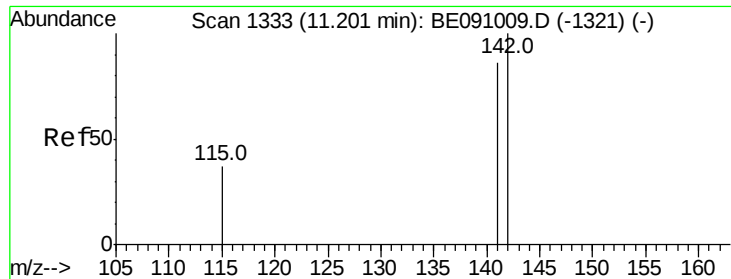
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.03 min Scan# 1296

Delta R.T. -0.17 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

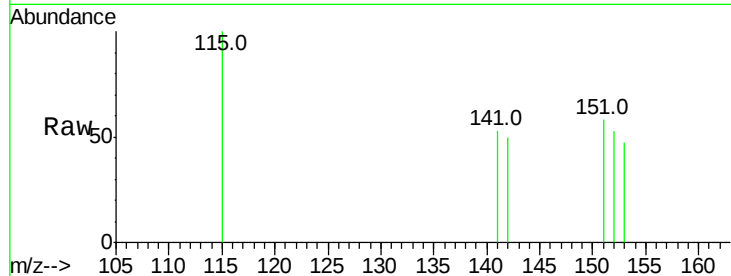
SBLK25

Tot Ion:142 Resp: 11

Ion Ratio Lower Upper

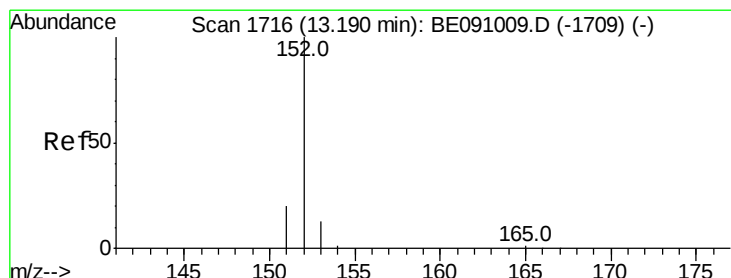
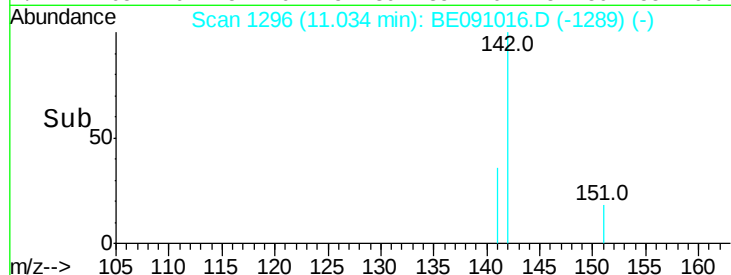
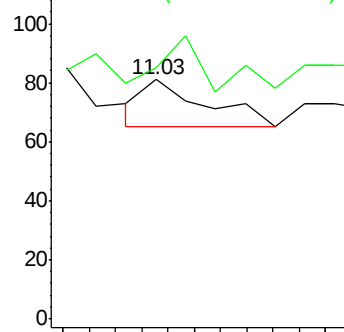
142 100

141 81.8 79.4 119.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.21 min Scan# 1718

Delta R.T. 0.02 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

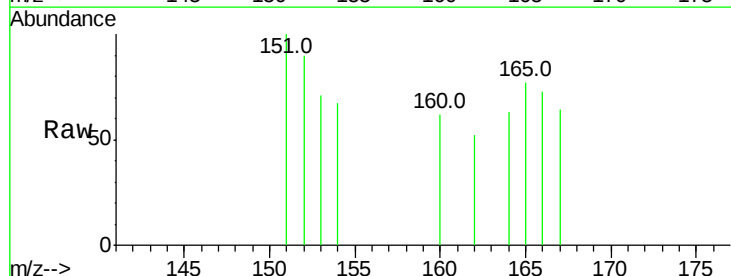
Tgt Ion:152 Resp: 27

Ion Ratio Lower Upper

152 100

151 111.5 16.6 24.8#

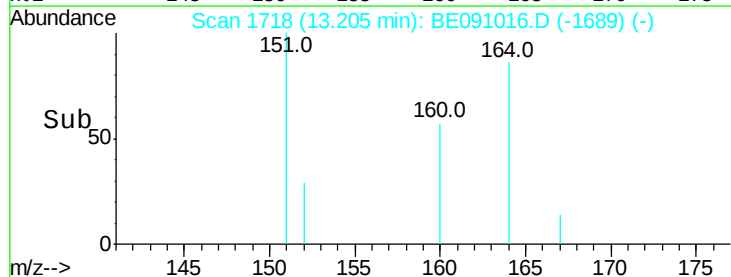
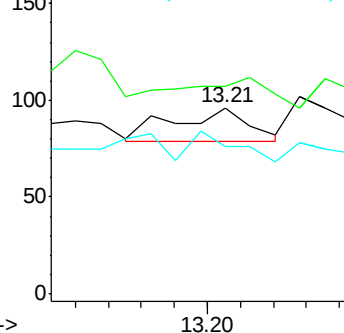
153 79.2 10.7 16.1#

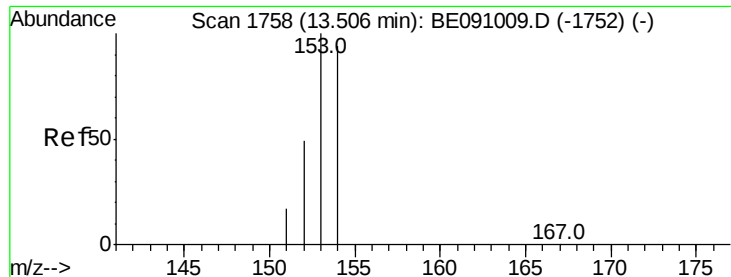


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.49 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

SBLK25

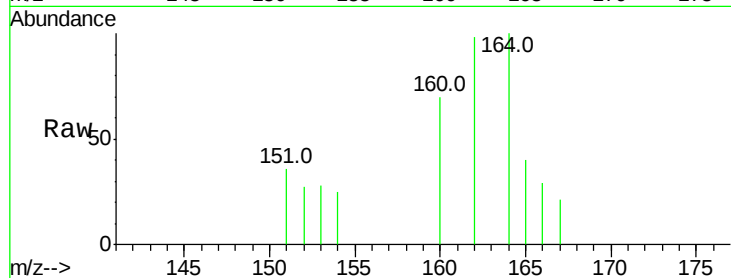
Tot Ion:153 Resp: 54

Ion Ratio Lower Upper

153 100

152 96.6 39.8 59.8#

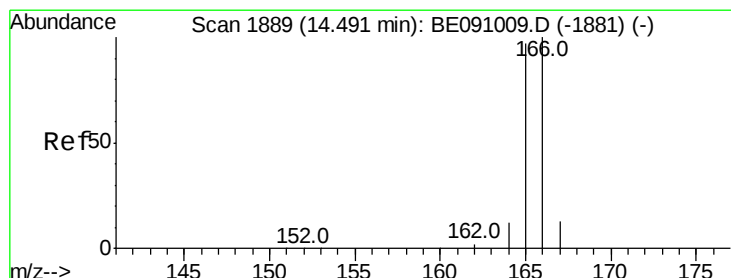
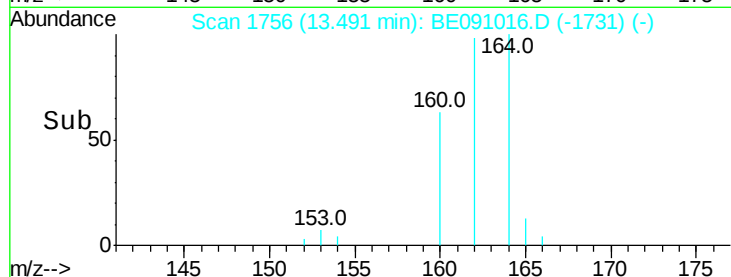
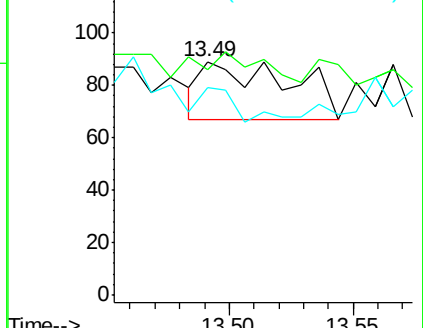
154 88.8 75.4 113.2



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: 0.00 ng/ul

RT: 14.50 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

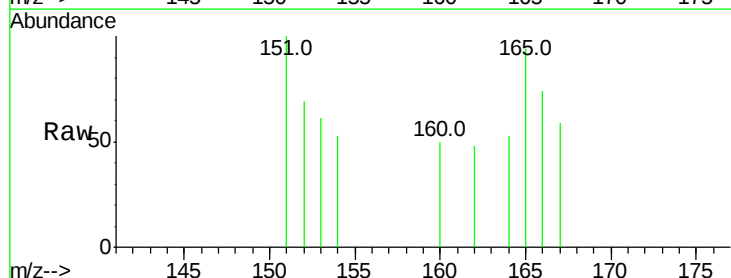
Tgt Ion:166 Resp: 83

Ion Ratio Lower Upper

166 100

165 126.4 77.7 116.5#

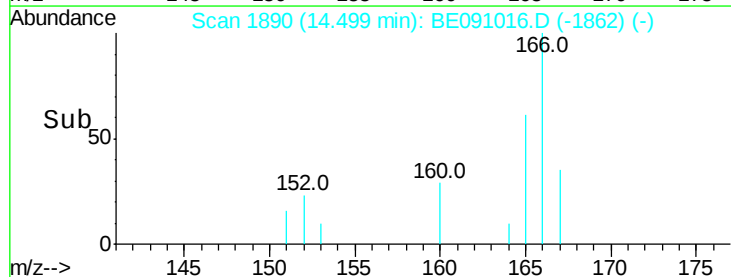
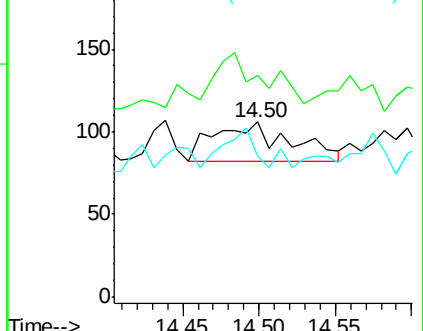
167 80.2 10.9 16.3#

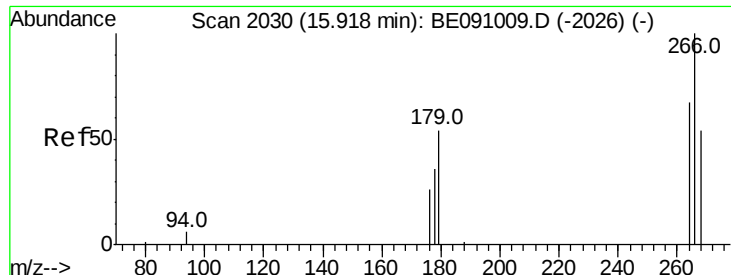


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 15.89 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

SBLK25

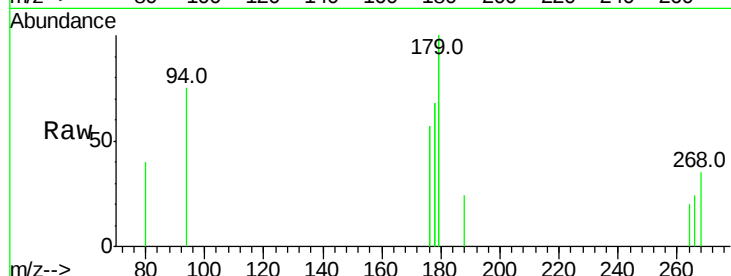
Tot Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 43.3 50.7 76.1#

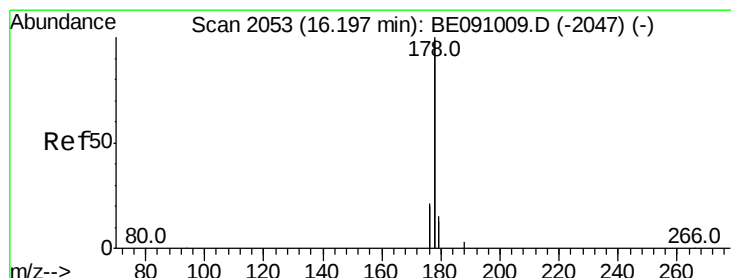
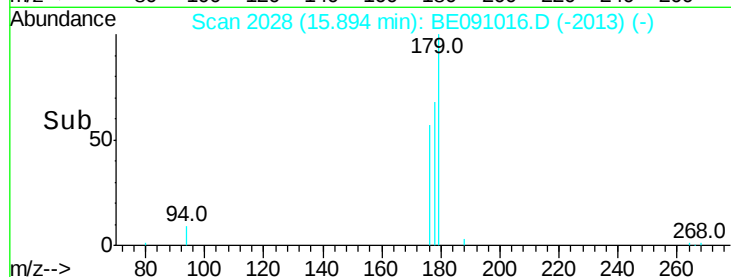
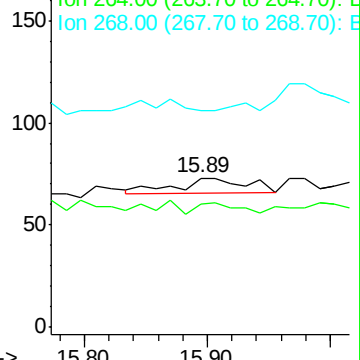
268 0.0 57.6 86.4#



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: 0.00 ng/ul

RT: 16.20 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

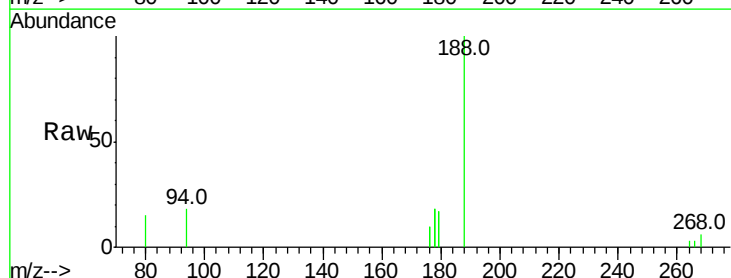
Tgt Ion:178 Resp: 680

Ion Ratio Lower Upper

178 100

176 58.3 16.9 25.3#

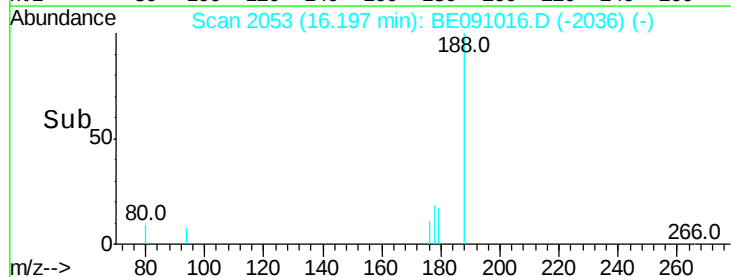
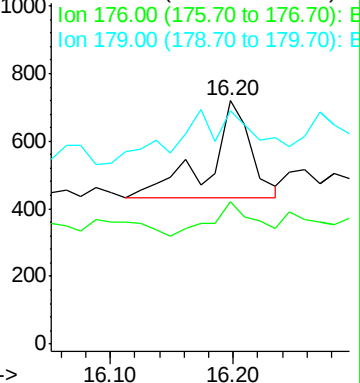
179 95.8 12.0 18.0#

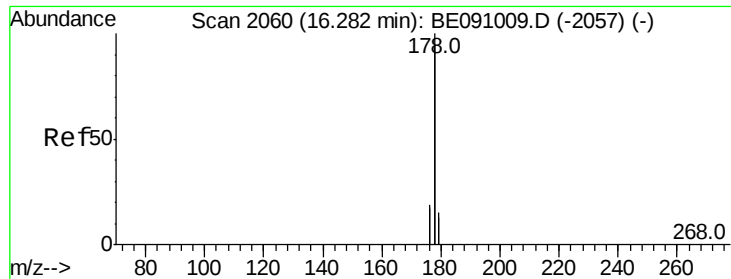


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.00 ng/u1

RT: 16.26 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampled :

SBLK25

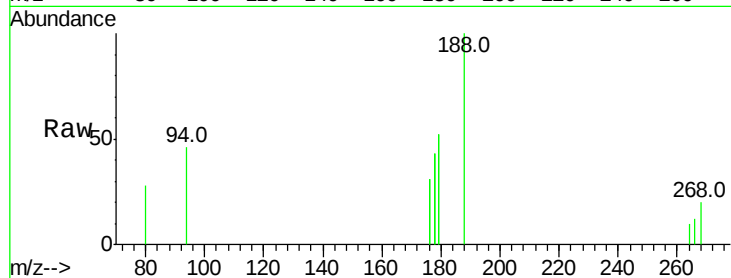
Tot Ion:178 Resp: 207

Ion Ratio Lower Upper

178 100

176 72.0 14.9 22.3#

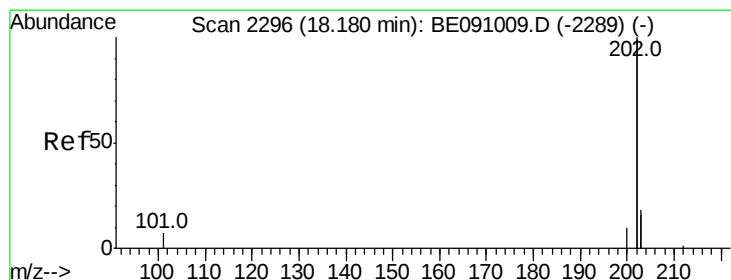
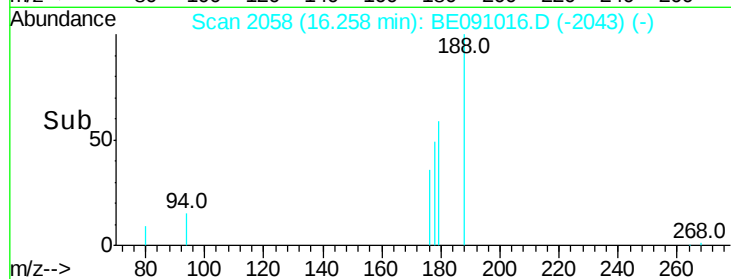
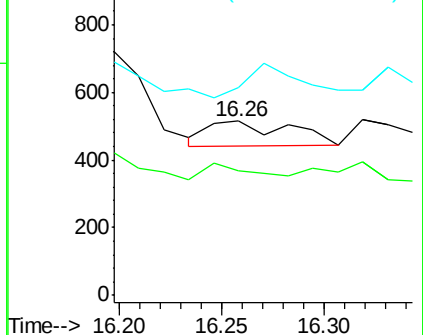
179 119.8 12.3 18.5#



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: 0.00 ng/u1

RT: 18.18 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

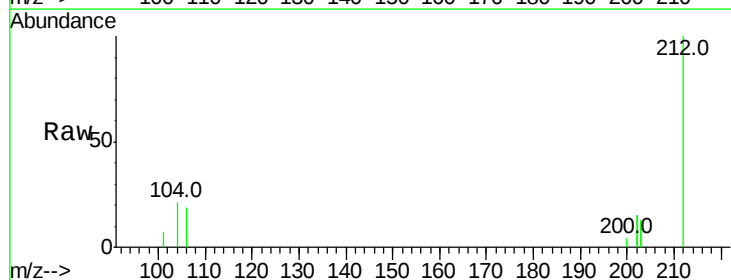
Tgt Ion:202 Resp: 609

Ion Ratio Lower Upper

202 100

101 23.9 0.0 23.7#

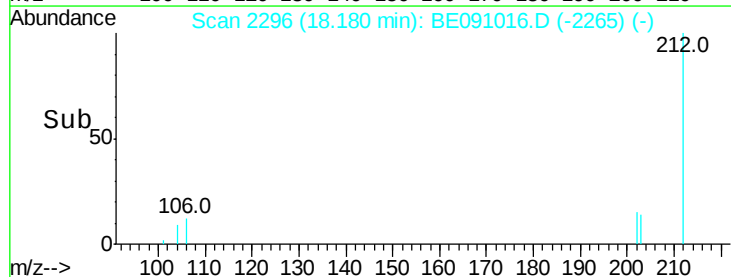
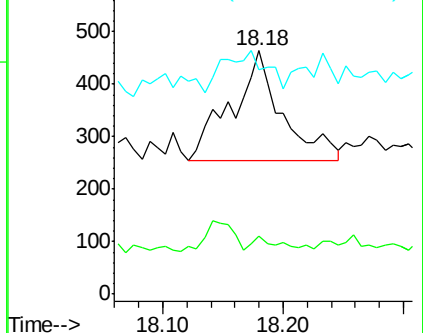
203 92.2 0.0 37.5#

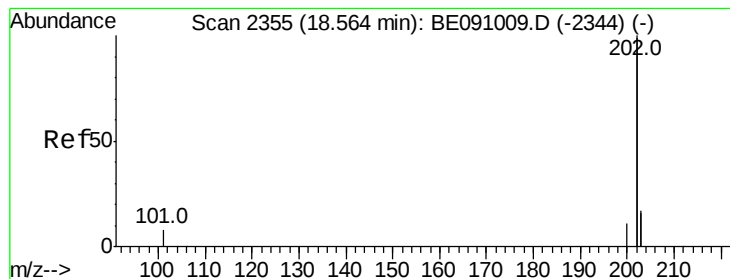


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 0.00 ng/uL

RT: 18.56 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleID :

SBLK25

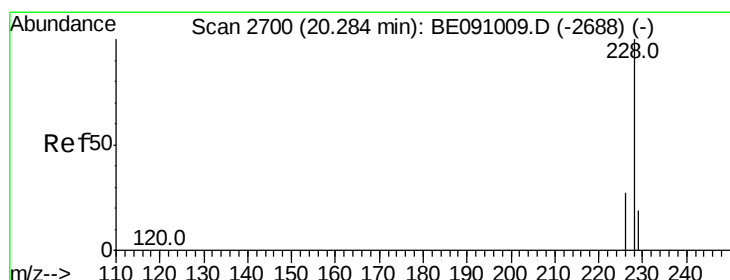
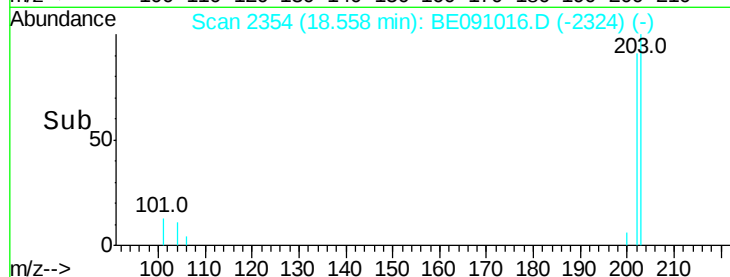
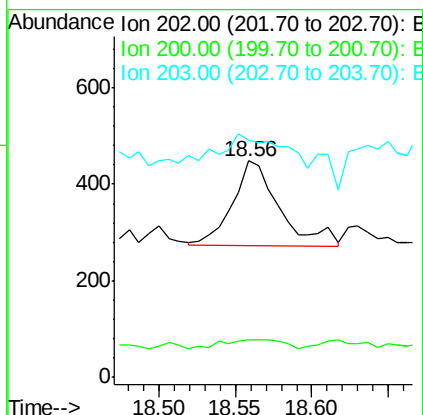
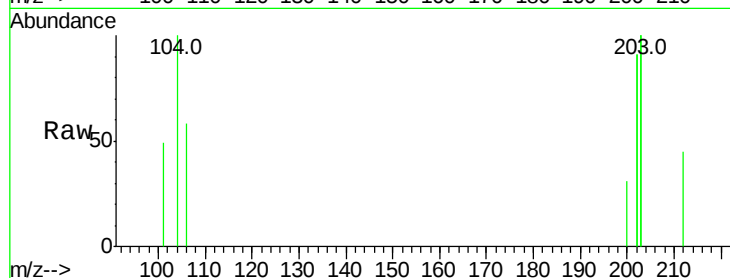
Tot Ion:202 Resp: 380

Ion Ratio Lower Upper

202 100

200 17.2 4.3 6.5#

203 109.8 13.9 20.9#



#18

Benzo(a)anthracene

Concen: 0.00 ng/uL

RT: 20.31 min Scan# 2705

Delta R.T. 0.02 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

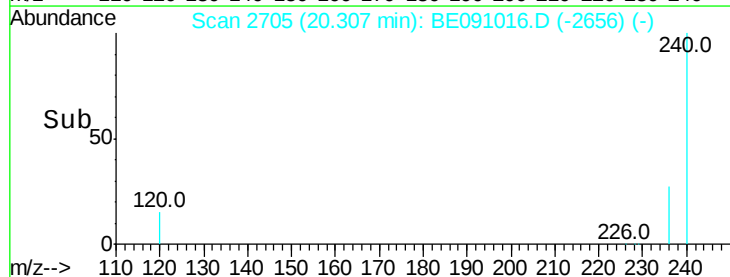
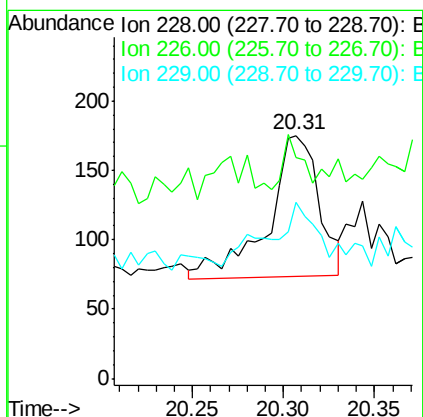
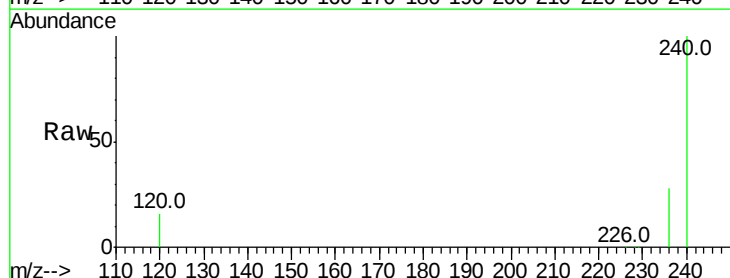
Tgt Ion:228 Resp: 198

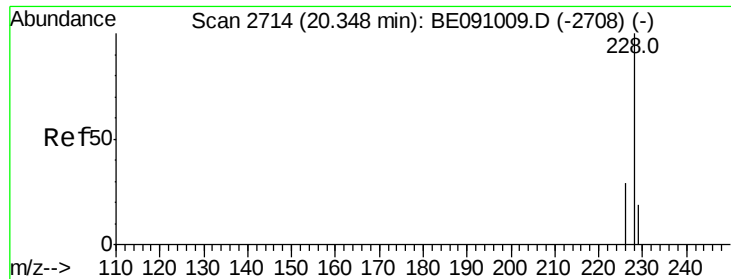
Ion Ratio Lower Upper

228 100

226 90.9 22.1 33.1#

229 72.6 15.8 23.6#





#19

Chrysene

Concen: 0.00 ng/ul

RT: 20.34 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

SBLK25

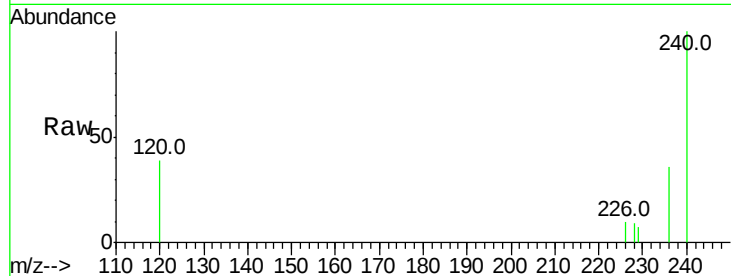
Tot Ion:228 Resp: 77

Ion Ratio Lower Upper

228 100

226 112.5 23.6 35.4#

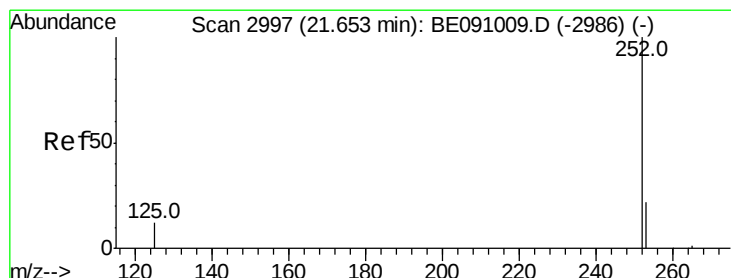
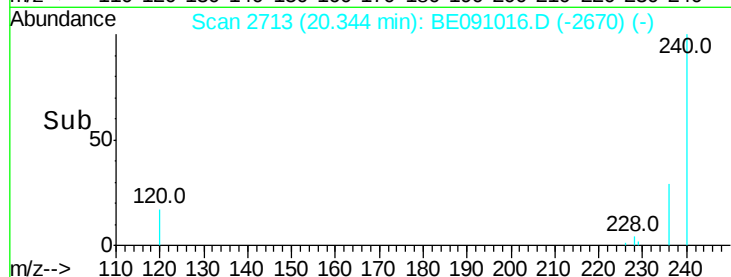
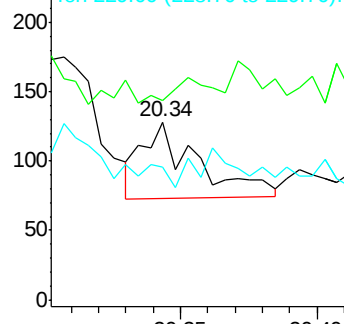
229 75.0 15.8 23.8#



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

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

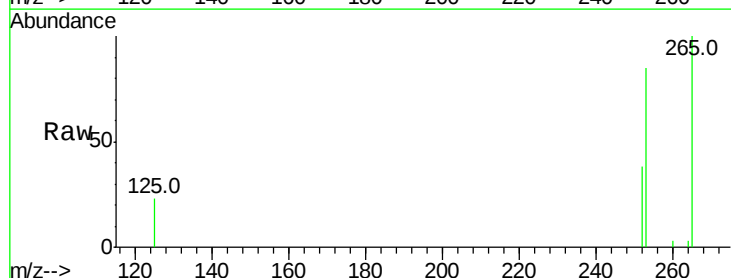
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 225.4 0.0 76.2#

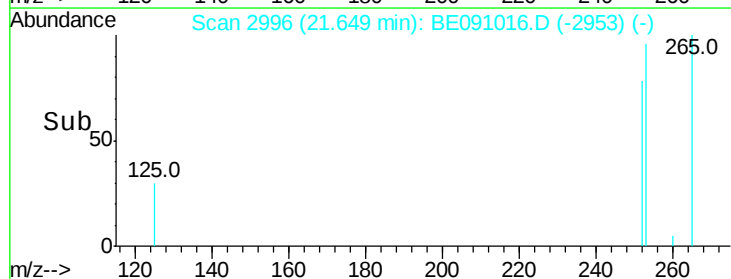
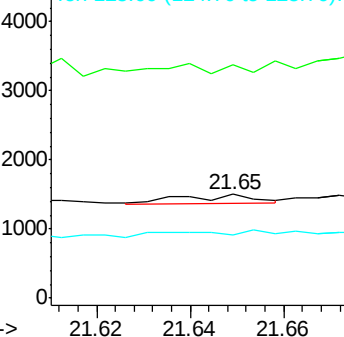
125 60.4 0.0 31.2#

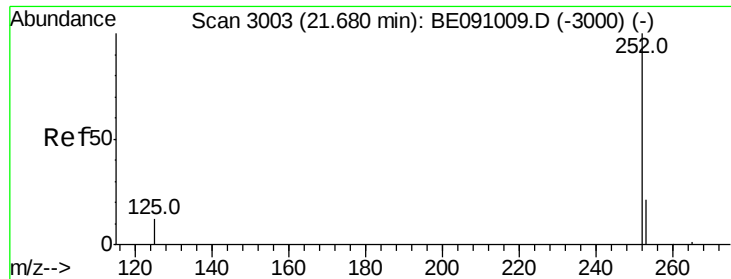


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.67 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

SBLK25

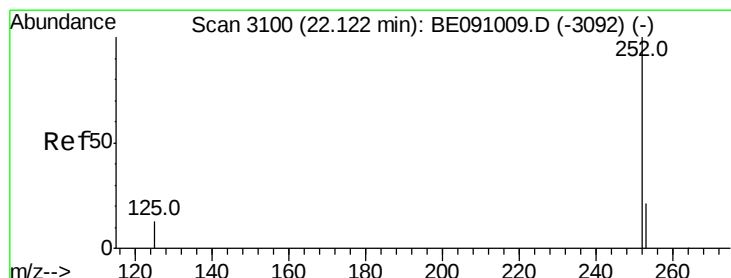
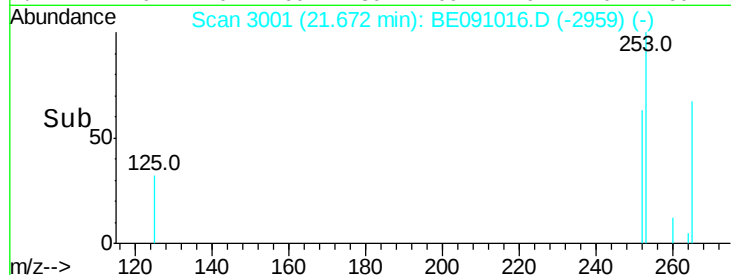
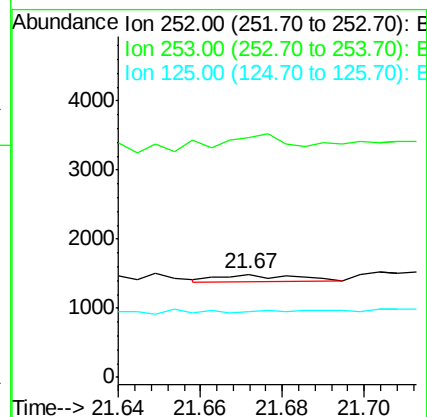
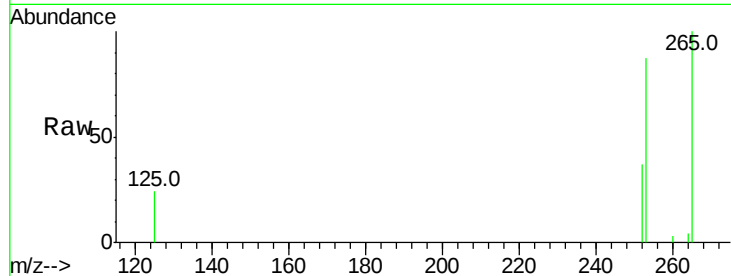
Tot Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

253 233.3 29.8 44.6#

125 63.4 12.2 18.4#



#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 22.13 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

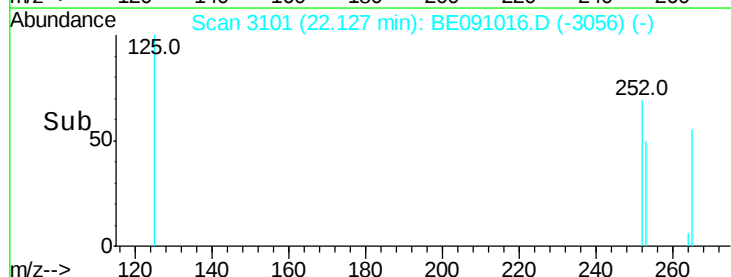
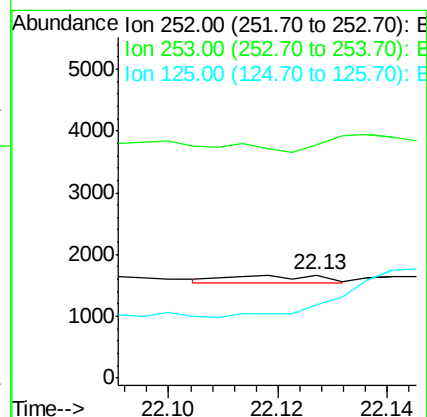
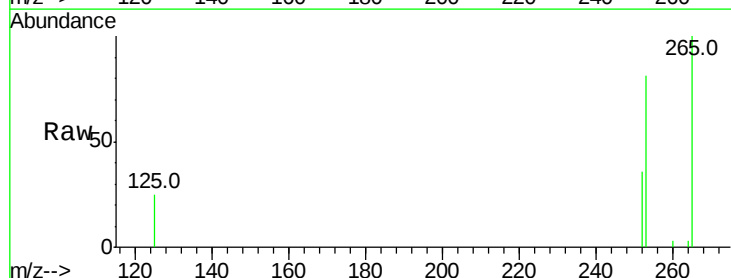
Tgt Ion:252 Resp: 149

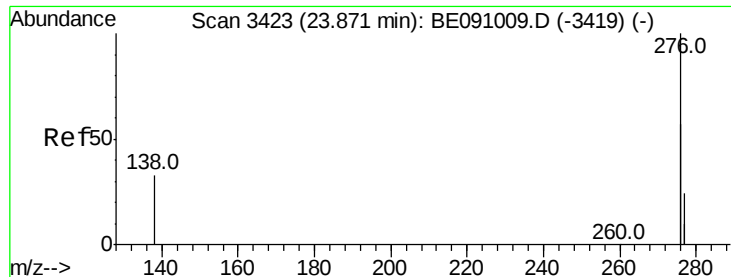
Ion Ratio Lower Upper

252 100

253 226.1 34.0 51.0#

125 71.1 13.6 20.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.87 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

Instrument :

BNA_E

ClientSampleId :

SBLK25

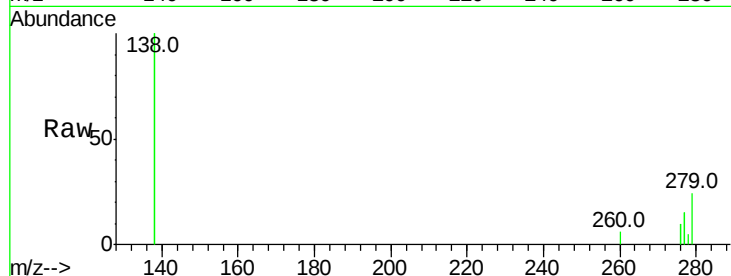
Tot Ion:276 Resp: 324

Ion Ratio Lower Upper

276 100

138 62.7 19.5 29.3#

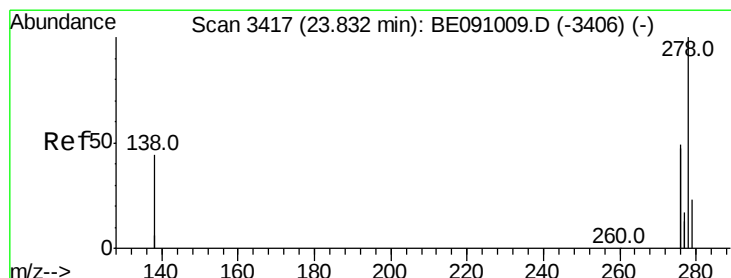
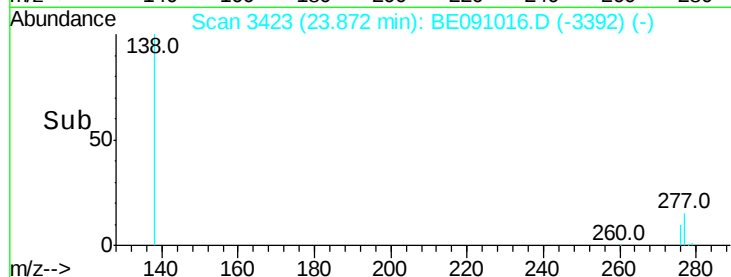
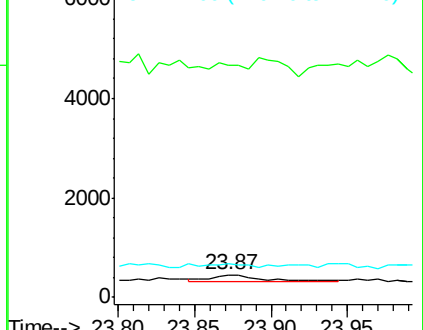
277 53.7 19.4 29.0#



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: 0.00 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. 0.00 min

Lab File: BE091016.D

Acq: 15 Oct 2015 11:14

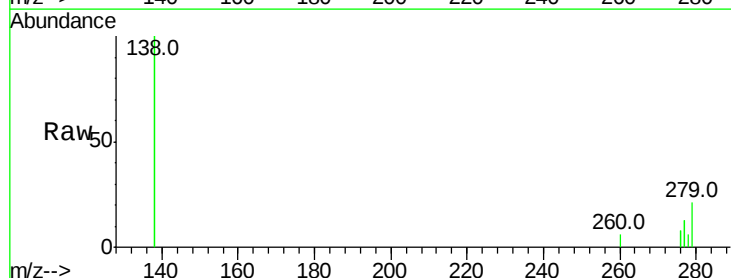
Tgt Ion:278 Resp: 105

Ion Ratio Lower Upper

278 100

139 0.0 0.0 0.0

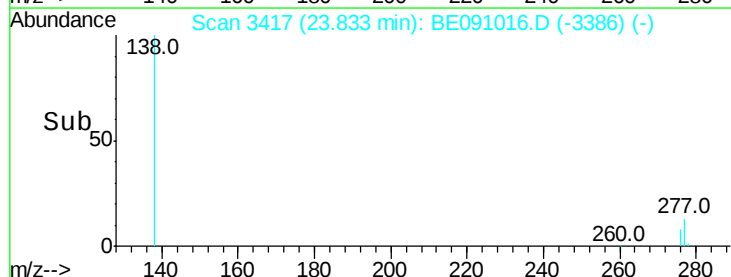
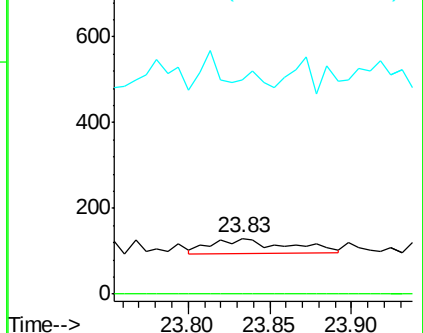
279 383.8 22.1 33.1#

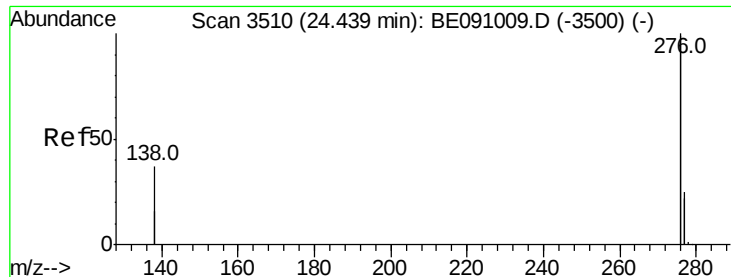


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.00 ng/ul
 RT: 24.44 min Scan# 3510
 Delta R.T. 0.00 min
 Lab File: BE091016.D
 Acq: 15 Oct 2015 11:14

Instrument :
 BNA_E
 ClientSampleId :
 SBLK25

Tot Ion: 276 Resp: 431
 Ion Ratio Lower Upper
 276 100
 277 151.1 19.8 29.8#
 138 1007.9 29.4 44.2#

