

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010715\
 Data File : BE089325.D
 Acq On : 7 Jan 2015 9:54
 Operator : TP/IZ
 Sample : DFTPP36
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP36

Quant Time: Jan 08 07:30:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 02 10:52:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	86	0.40	ng/ul	0.01
4) Naphthalene-d8	8.53	136	49	0.40	ng/ul	0.02
8) Acenaphthene-d10	10.70	164	203	0.40	ng/ul	0.05
12) Phenanthrene-d10	12.79	188	14	0.40	ng/ul	0.08
18) Chrysene-d12	18.18	240	46	0.40	ng/ul	0.12
22) Perylene-d12	21.26	264	70	0.40	ng/ul	0.15

System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.14	96	11	0.09	ng/uL	0.00
6) 2-Methylnaphthalene-d10	9.35	152	178	3.16	ng/ul	0.00
16) Fluoranthene-d10	15.00	212	23	0.95	ng/ul	0.09

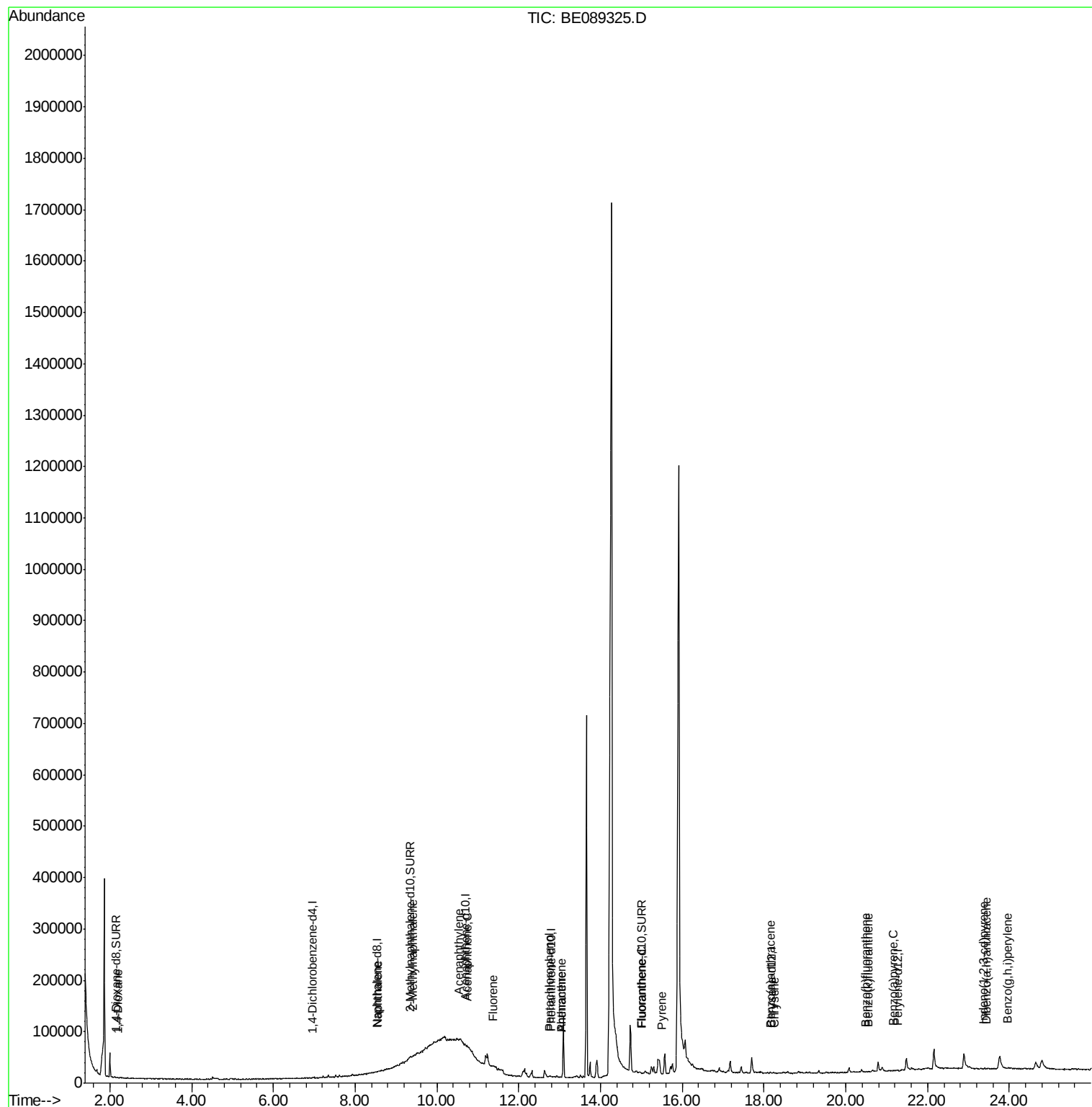
Target Compounds				Qvalue		
3) 1,4-Dioxane	2.21	88	158	1.10	ng/ul#	35
5) Naphthalene	8.55	128	44	0.38	ng/ul#	1
7) 2-Methylnaphthalene	9.41	142	31	0.44	ng/ul#	8
9) Acenaphthylene	10.53	152	136	0.04	ng/ul#	1
10) Acenaphthene	10.73	153	220	0.10	ng/ul#	9
11) Fluorene	11.37	166	80	0.14	ng/ul#	62
13) Pentachlorophenol	12.75	266	609	419.40	ng/ul	89
14) Phenanthrene	13.04	178	90	0.60	ng/ul	96
15) Anthracene	13.04	178	132	0.99	ng/ul	97
17) Fluoranthene	15.02	202	31	0.23	ng/ul#	1
19) Pyrene	15.50	202	39	0.07	ng/ul#	1
20) Benzo(a)anthracene	18.15	228	26	0.25	ng/ul#	1
21) Chrysene	18.25	228	69	0.55	ng/ul#	79
23) Benzo(b)fluoranthene	20.49	252	16	0.09	ng/ul#	1
24) Benzo(k)fluoranthene	20.56	252	14	0.06	ng/ul#	1
25) Benzo(a)pyrene	21.16	252	12	0.07	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	23.38	276	25	0.05	ng/ul#	9
27) Dibenzo(a,h)anthracene	23.45	278	12	0.08	ng/ul#	45
28) Benzo(g,h,i)perylene	23.96	276	71	0.10	ng/ul#	58

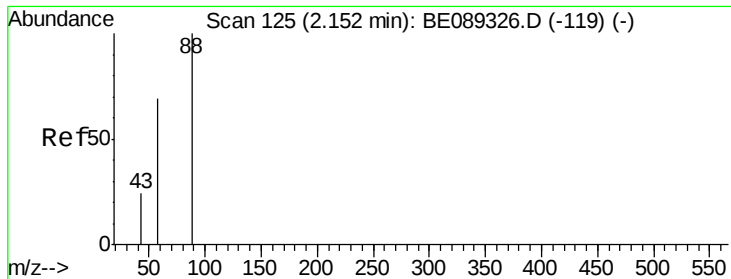
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 1.10 ng/ul

RT: 2.21 min Scan# 140

Delta R.T. 0.02 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

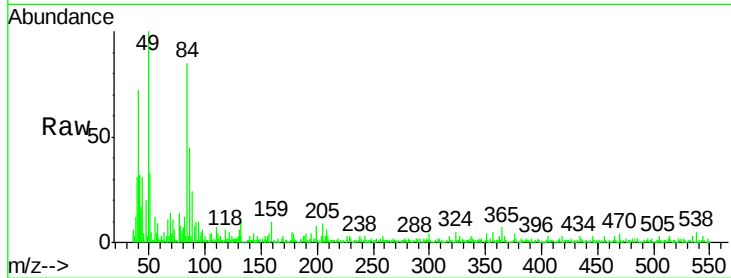
Tgt Ion: 88 Resp: 158

Ion Ratio Lower Upper

88 100

58 17.7 61.5 92.3#

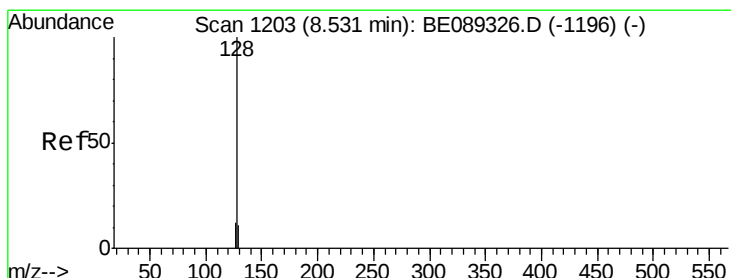
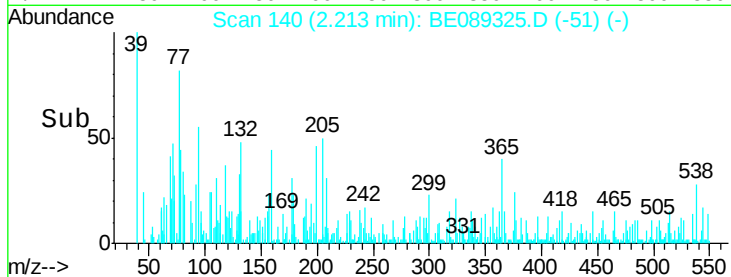
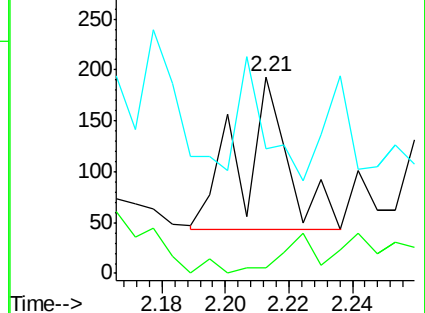
43 0.0 23.9 35.9#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 8.55 min Scan# 1219

Delta R.T. 0.02 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

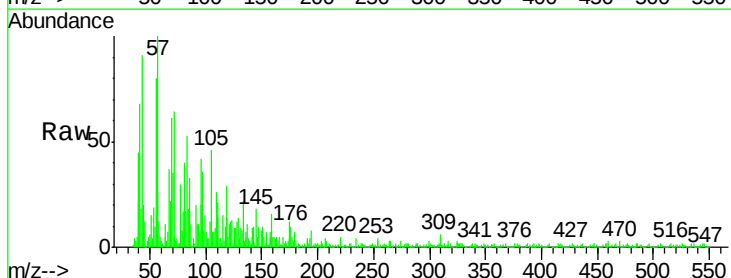
Tgt Ion: 128 Resp: 44

Ion Ratio Lower Upper

128 100

129 120.0 9.1 13.7#

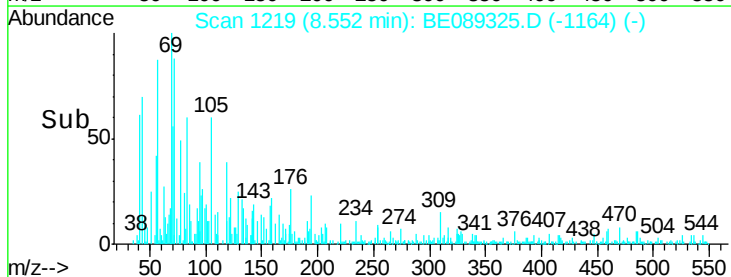
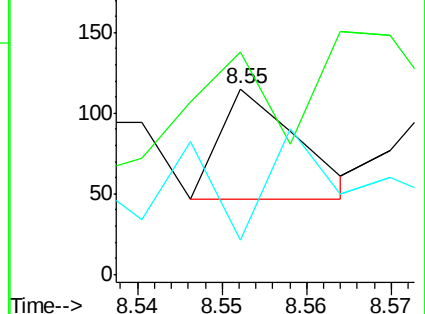
127 18.3 10.0 15.0#

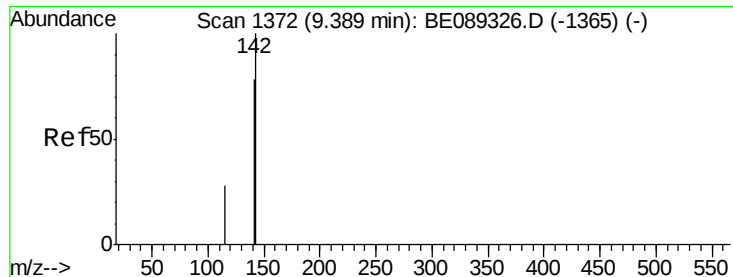


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 0.44 ng/ul

RT: 9.41 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

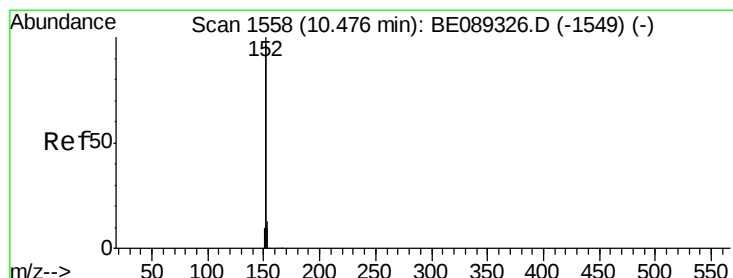
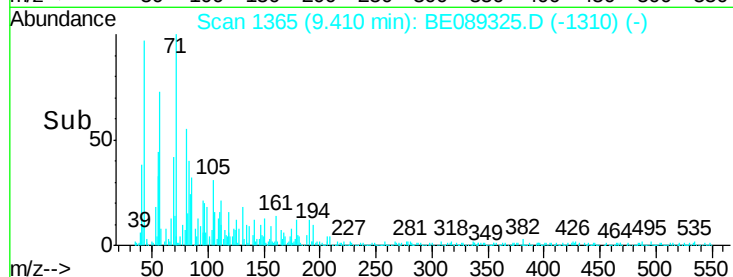
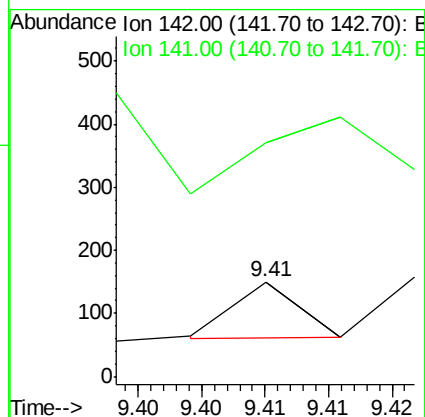
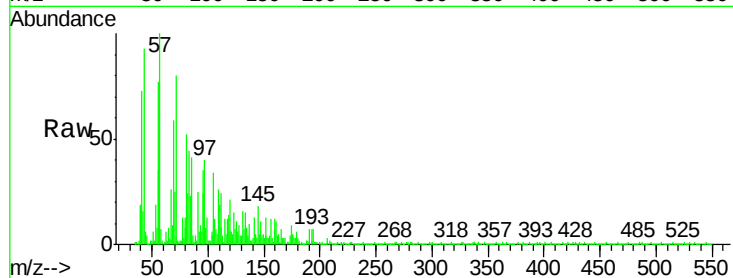
DFTPP36

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

141 0.0 65.4 98.0#



#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 10.53 min Scan# 1556

Delta R.T. 0.06 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

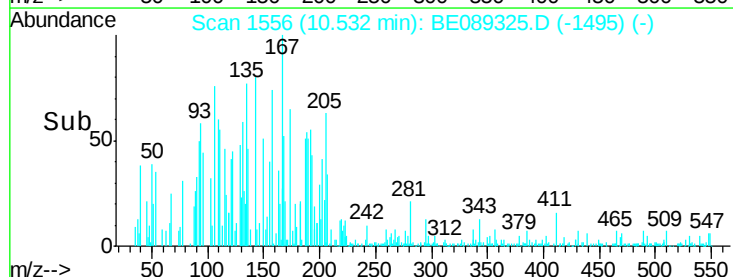
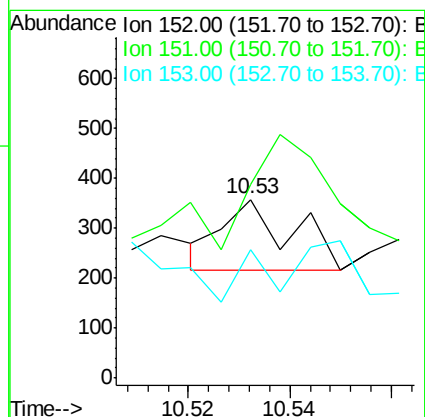
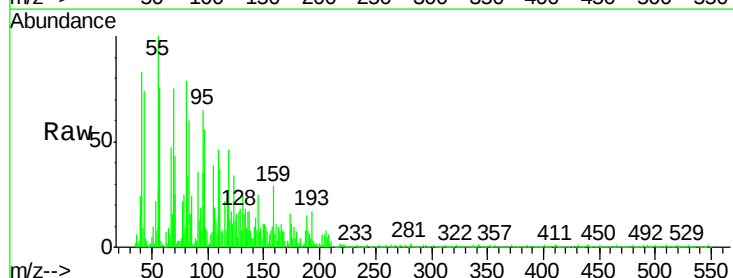
Tgt Ion:152 Resp: 136

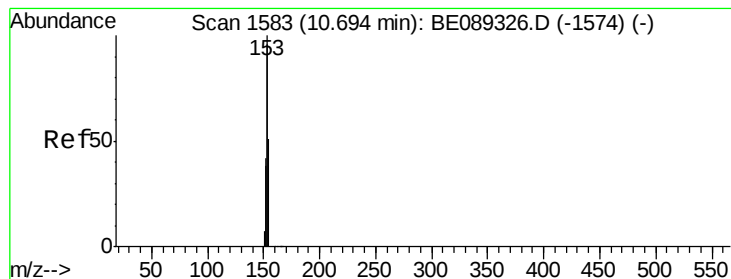
Ion Ratio Lower Upper

152 100

151 108.4 4.0 6.0#

153 71.8 10.1 15.1#





#10

Acenaphthene

Concen: 0.10 ng/ul

RT: 10.73 min Scan# 1590

Delta R.T. 0.04 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

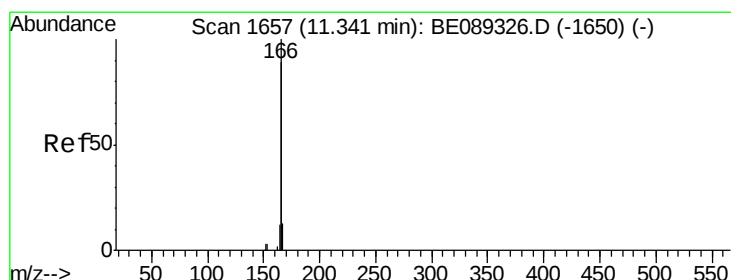
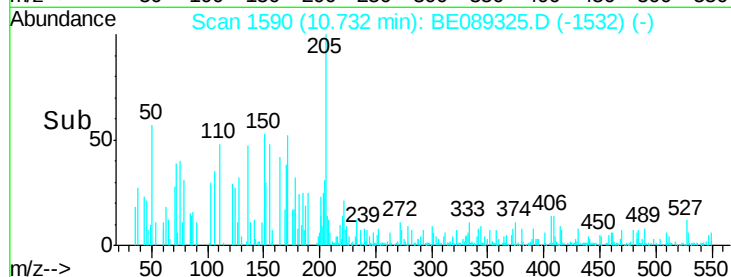
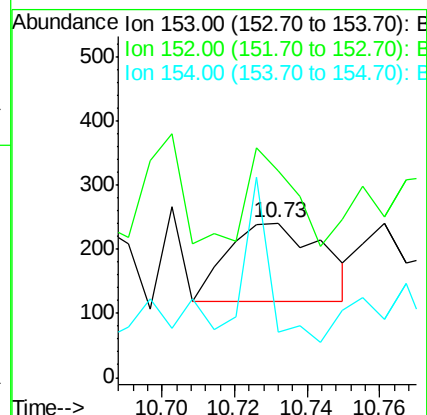
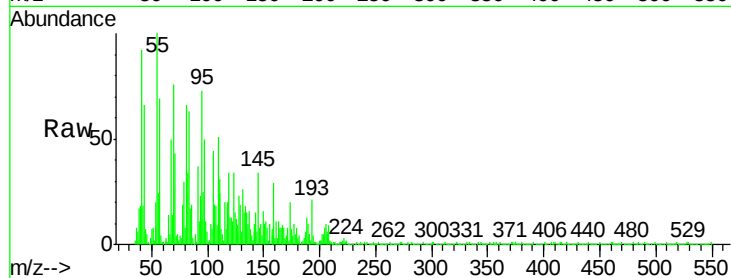
Tgt Ion:153 Resp: 220

Ion Ratio Lower Upper

153 100

152 133.6 32.6 49.0#

154 29.0 21.8 32.6



#11

Fluorene

Concen: 0.14 ng/ul

RT: 11.37 min Scan# 1698

Delta R.T. 0.03 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

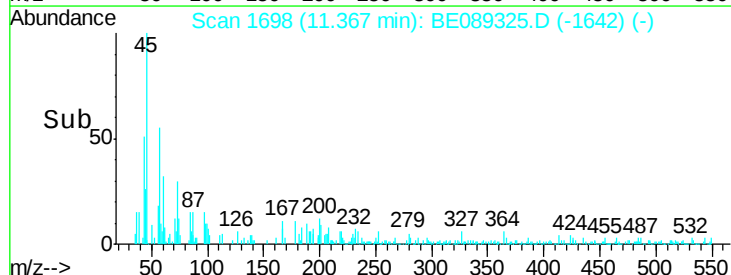
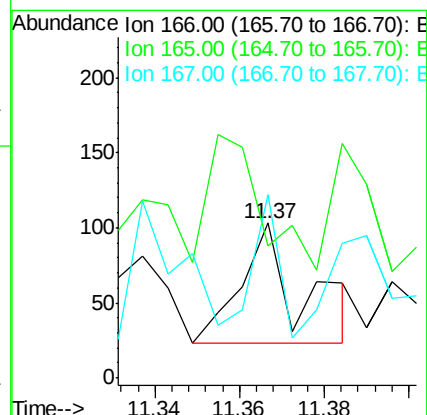
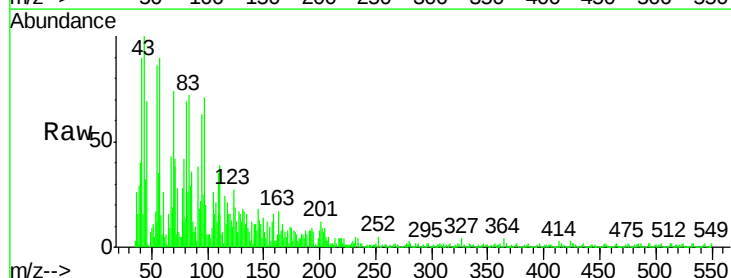
Tgt Ion:166 Resp: 80

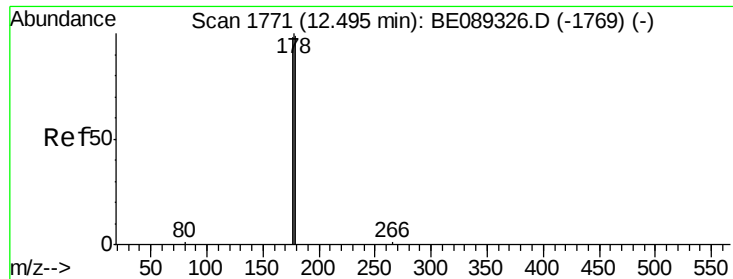
Ion Ratio Lower Upper

166 100

165 85.4 70.3 105.5

167 118.4 11.5 17.3#

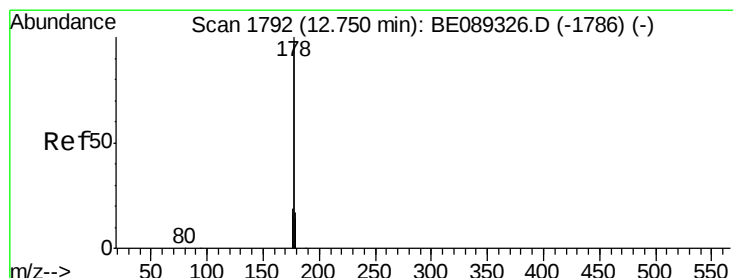
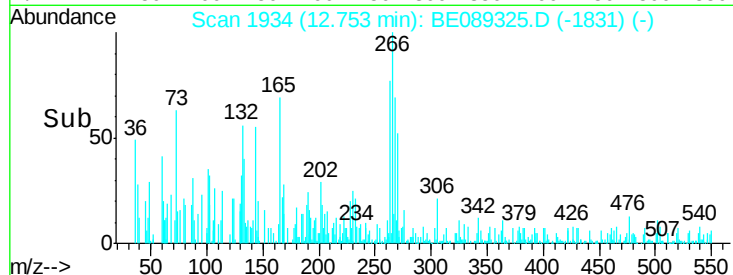
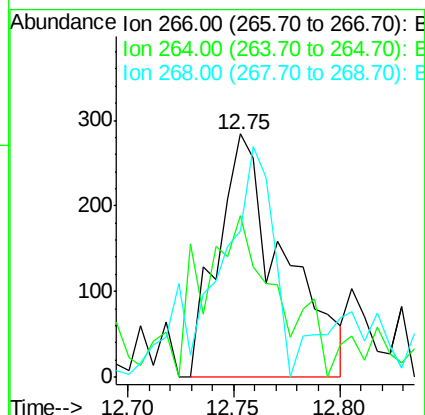
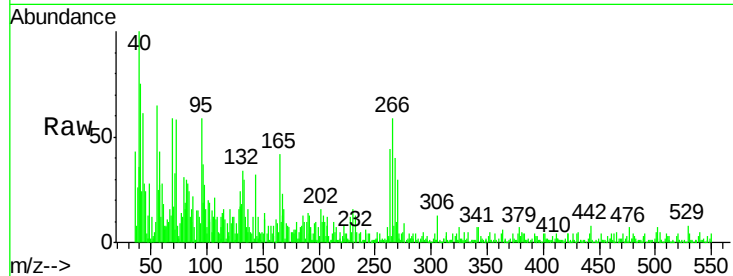




#13
 Pentachlorophenol
 Concen: 419.40 ng/ul
 RT: 12.75 min Scan# 1934
 Delta R.T. 0.31 min
 Lab File: BE089325.D
 Acq: 7 Jan 2015 9:54

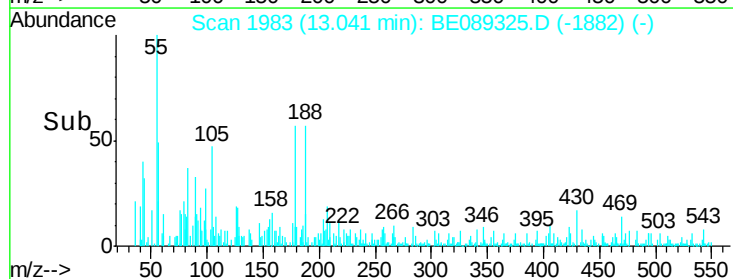
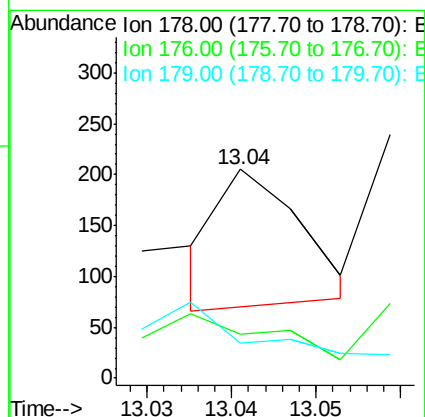
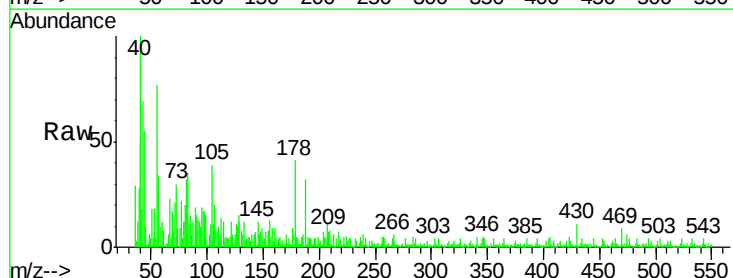
Instrument :
 BNA_E
 ClientSampled :
 DFTPP36

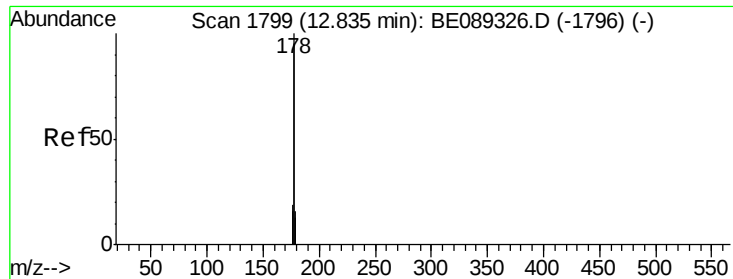
Tgt Ion:266 Resp: 609
 Ion Ratio Lower Upper
 266 100
 264 68.5 48.7 73.1
 268 57.1 52.9 79.3



#14
 Phenanthrene
 Concen: 0.60 ng/ul
 RT: 13.04 min Scan# 1983
 Delta R.T. 0.29 min
 Lab File: BE089325.D
 Acq: 7 Jan 2015 9:54

Tgt Ion:178 Resp: 90
 Ion Ratio Lower Upper
 178 100
 176 21.0 14.3 21.5
 179 17.1 13.8 20.8





#15

Anthracene

Concen: 0.99 ng/ul

RT: 13.04 min Scan# 1983

Delta R.T. 0.21 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

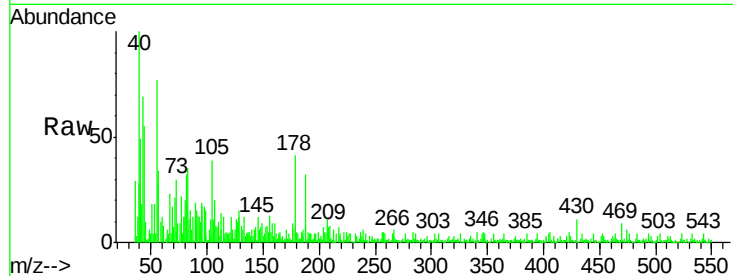
Tgt Ion:178 Resp: 132

Ion Ratio Lower Upper

178 100

176 21.0 14.7 22.1

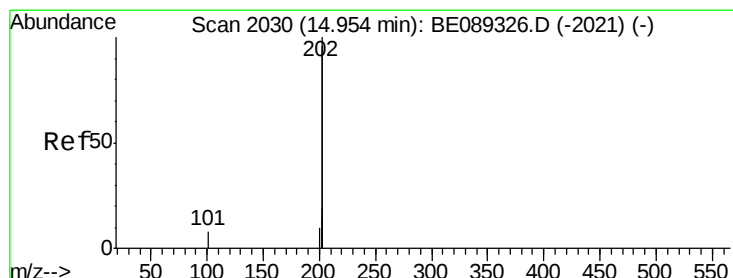
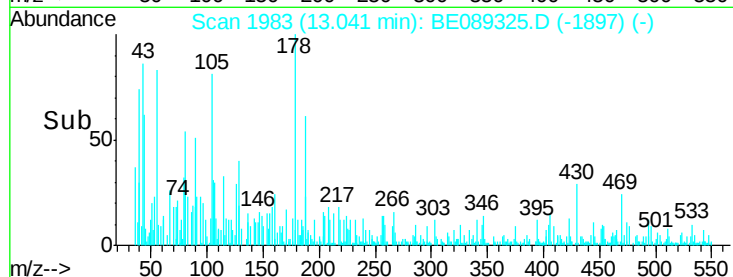
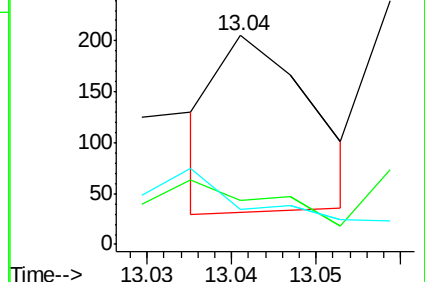
179 17.1 13.4 20.2



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



#17

Fluoranthene

Concen: 0.23 ng/ul

RT: 15.02 min Scan# 2319

Delta R.T. 0.07 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

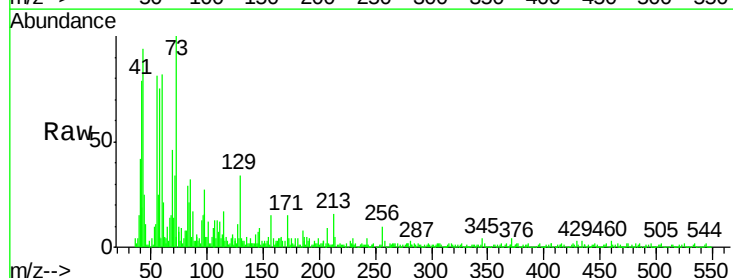
Tgt Ion:202 Resp: 31

Ion Ratio Lower Upper

202 100

101 572.7 0.0 24.6#

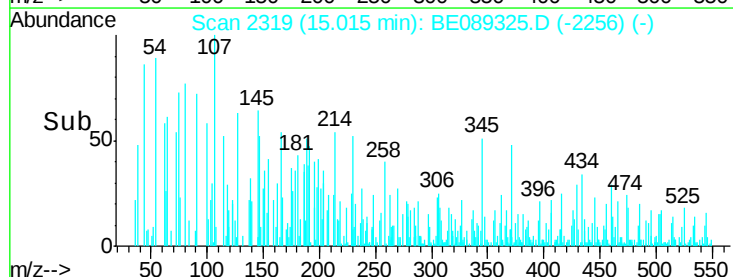
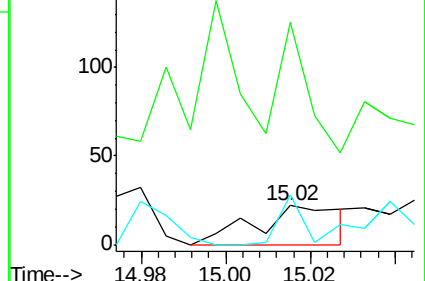
203 127.3 0.0 37.8#

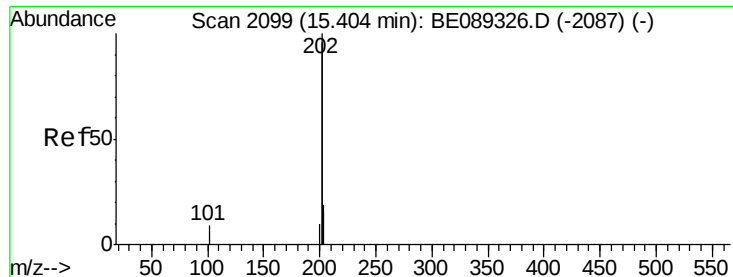


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.07 ng/ul

RT: 15.50 min Scan# 2401

Delta R.T. 0.10 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

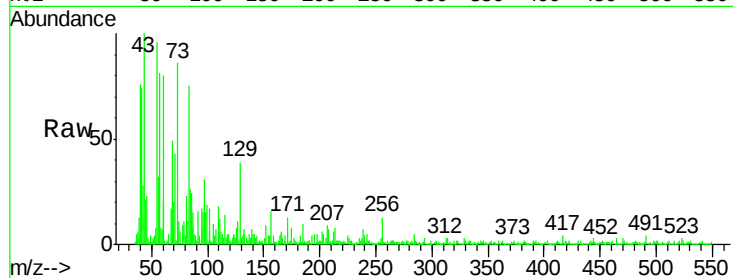
Tgt Ion:202 Resp: 39

Ion Ratio Lower Upper

202 100

200 32.7 4.2 6.4#

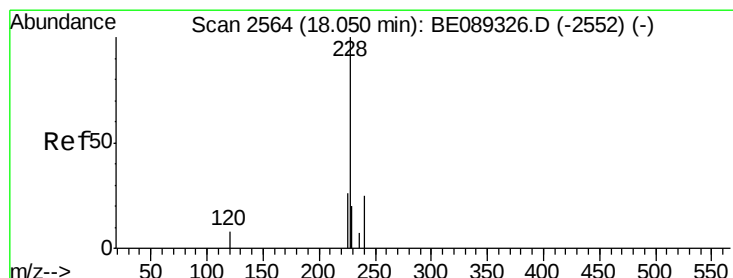
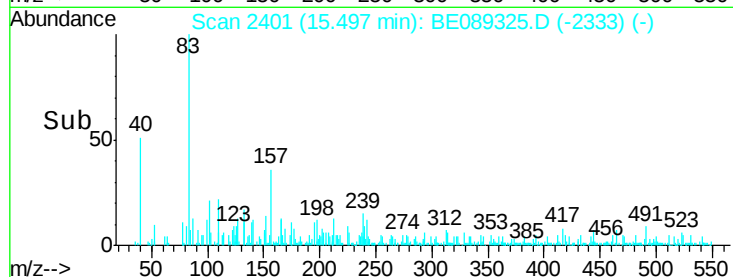
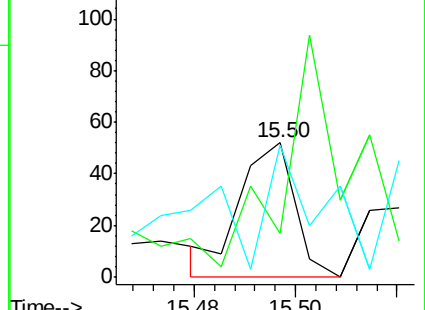
203 98.1 14.4 21.6#



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



#20

Benzo(a)anthracene

Concen: 0.25 ng/ul

RT: 18.15 min Scan# 2852

Delta R.T. 0.11 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

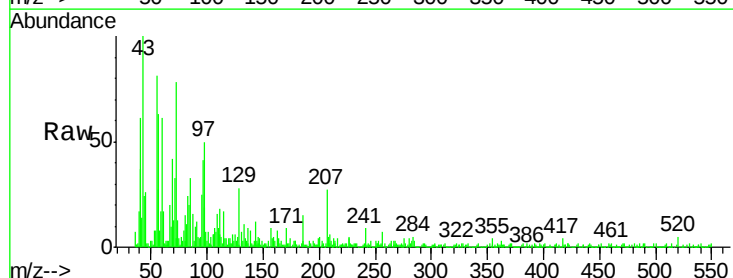
Tgt Ion:228 Resp: 26

Ion Ratio Lower Upper

228 100

226 137.9 21.9 32.9#

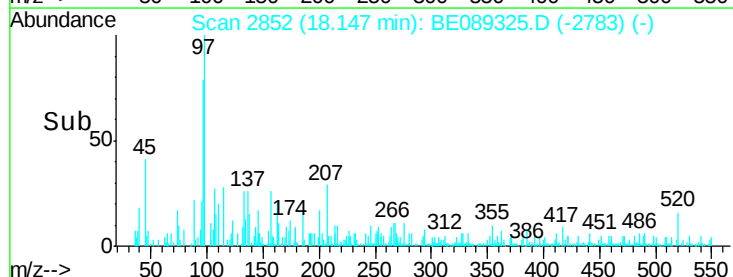
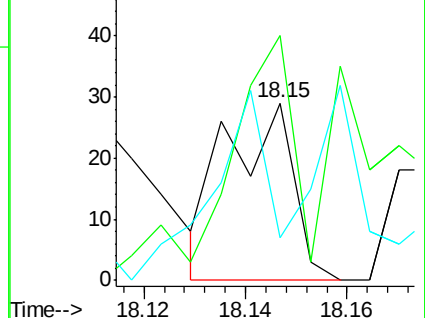
229 24.1 16.9 25.3

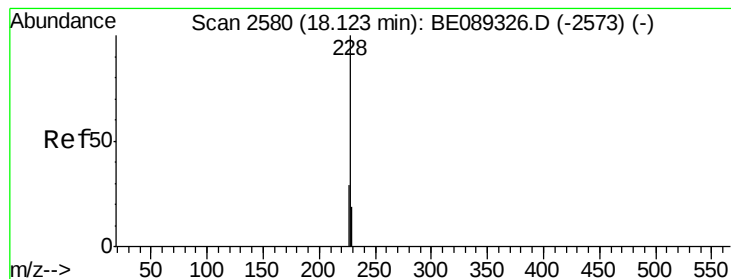


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.55 ng/ul

RT: 18.25 min Scan# 2869

Delta R.T. 0.13 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

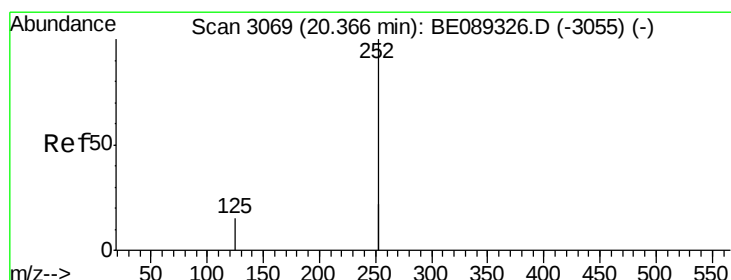
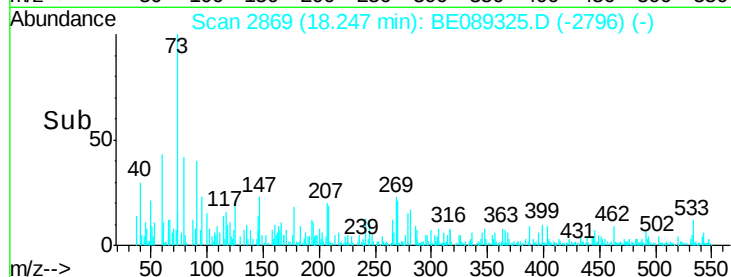
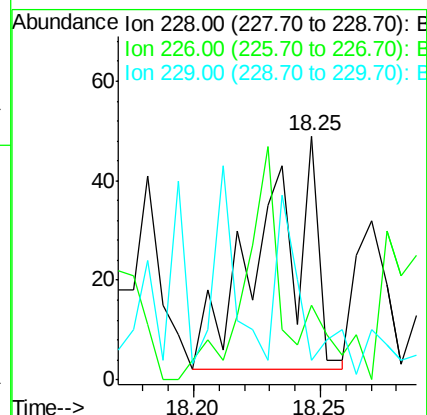
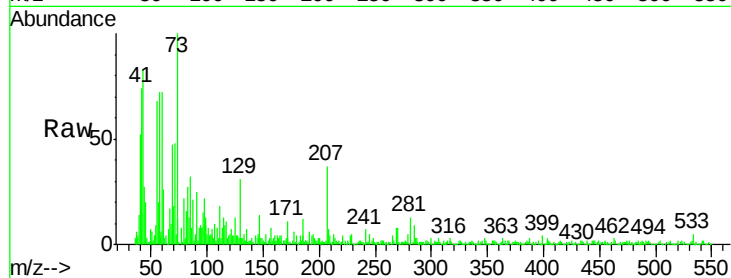
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 38.8 23.9 35.9#

229 8.2 16.8 25.2#



#23

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

RT: 20.49 min Scan# 3250

Delta R.T. 0.13 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

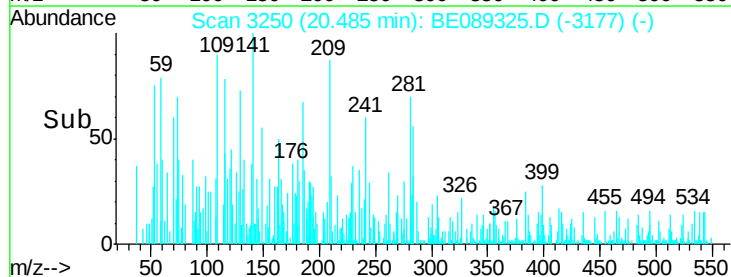
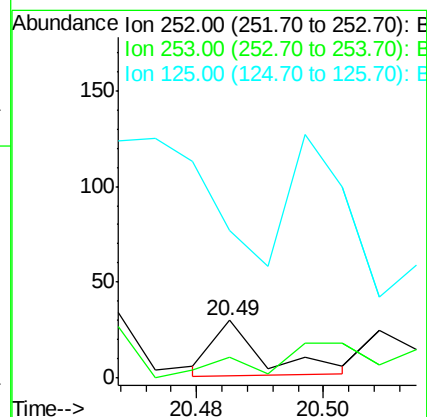
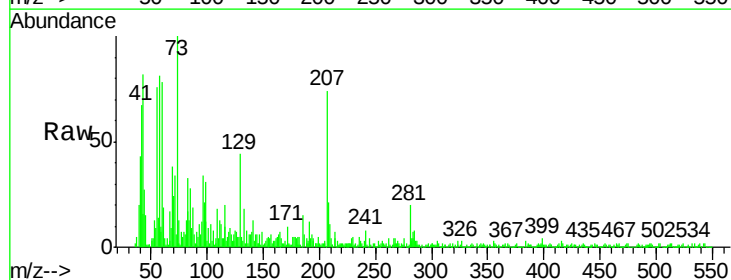
Tgt Ion:252 Resp: 16

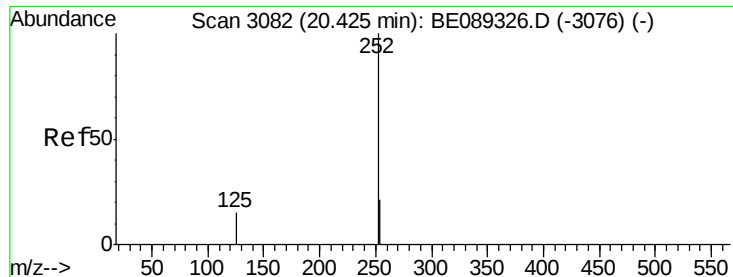
Ion Ratio Lower Upper

252 100

253 50.0 0.0 47.8#

125 256.7 0.0 34.2#





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 20.56 min Scan# 3262

Delta R.T. 0.14 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

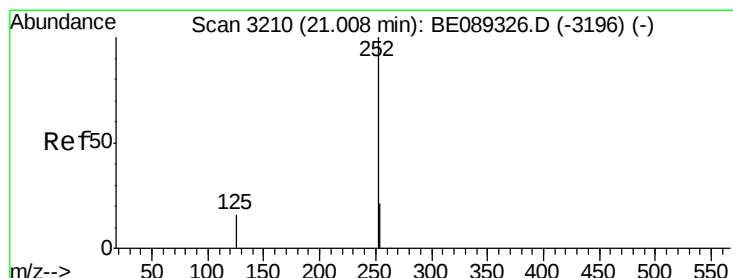
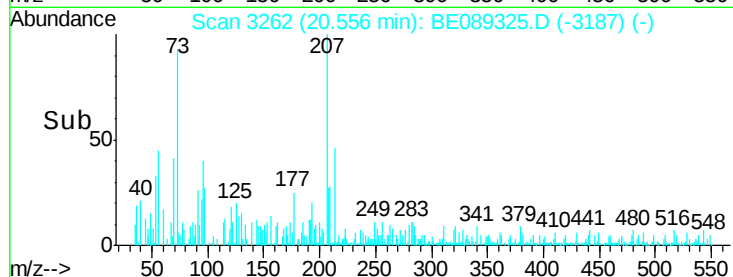
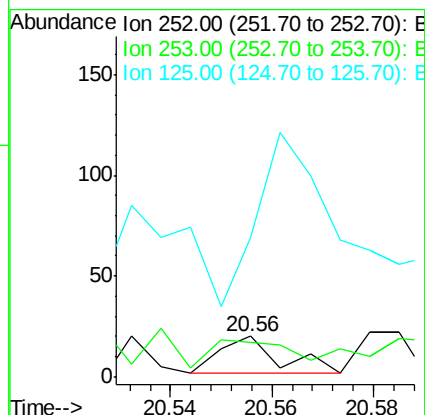
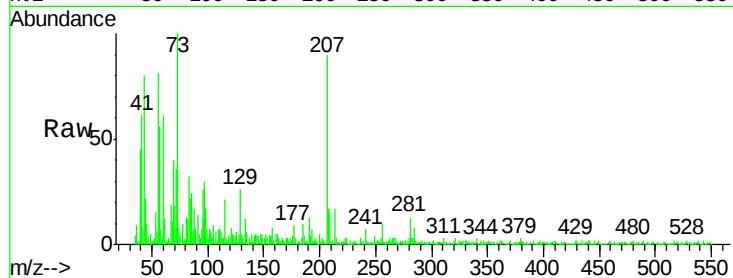
Instrument :

BNA_E

ClientSampleId :

DFTPP36

Tgt Ion:	252	Resp:	14
Ion Ratio	Lower	Upper	
252	100		
253	45.9	19.0	28.6#
125	186.5	13.5	20.3#



#25

Benzo(a)pyrene

Concen: 0.07 ng/ul

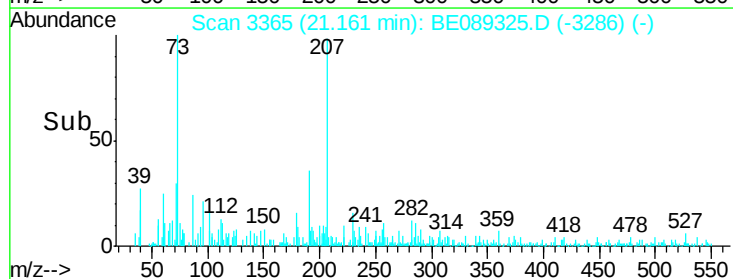
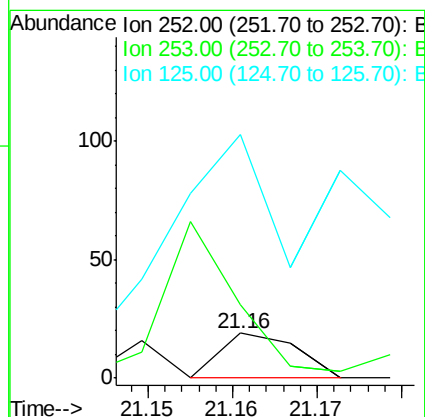
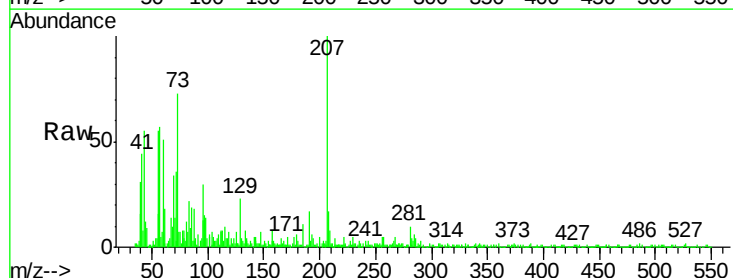
RT: 21.16 min Scan# 3365

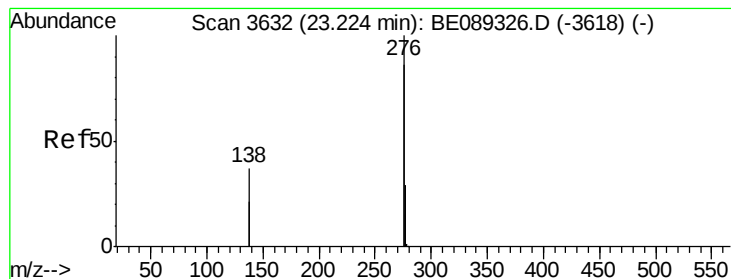
Delta R.T. 0.16 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Tgt Ion:	252	Resp:	12
Ion Ratio	Lower	Upper	
252	100		
253	163.2	19.7	29.5#
125	542.1	15.0	22.6#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng/ul

RT: 23.38 min Scan# 3742

Delta R.T. 0.17 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

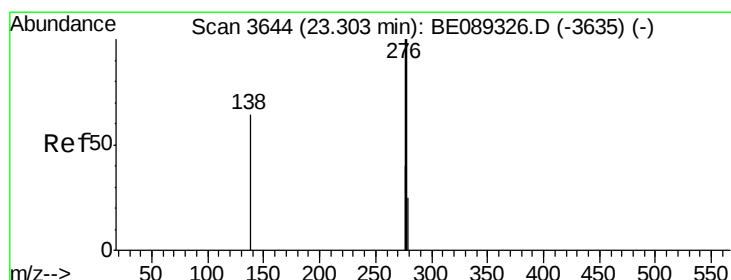
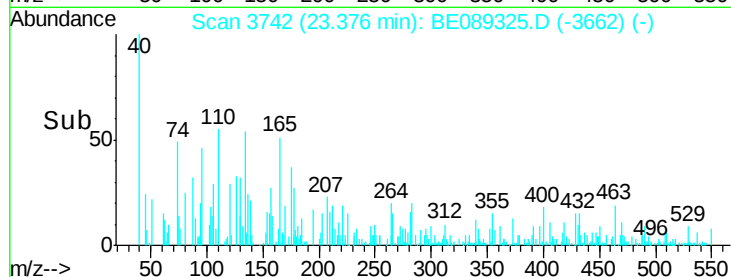
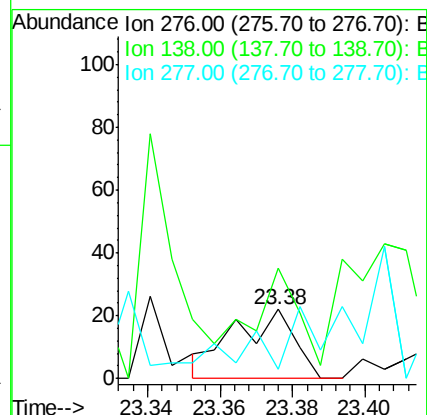
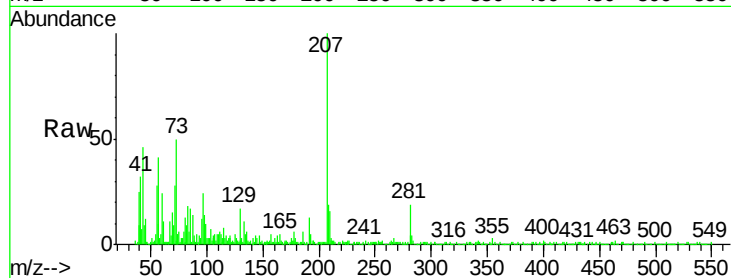
Tgt Ion:276 Resp: 25

Ion Ratio Lower Upper

276 100

138 104.0 23.8 35.8#

277 8.0 18.9 28.3#



#27

Dibenzo(a,h)anthracene

Concen: 0.08 ng/ul

RT: 23.45 min Scan# 3754

Delta R.T. 0.15 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

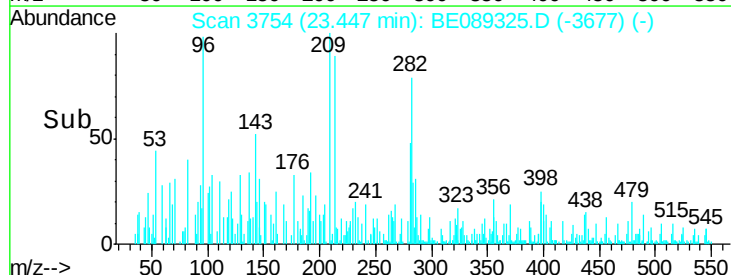
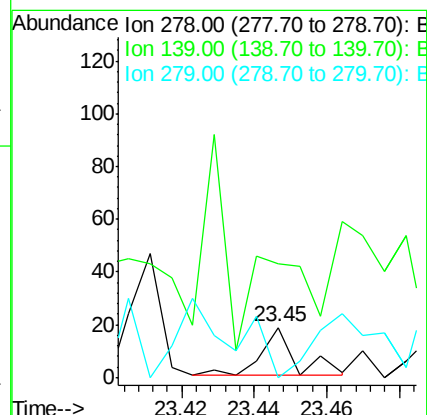
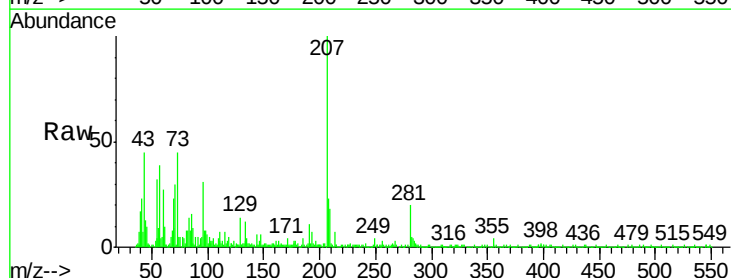
Tgt Ion:278 Resp: 12

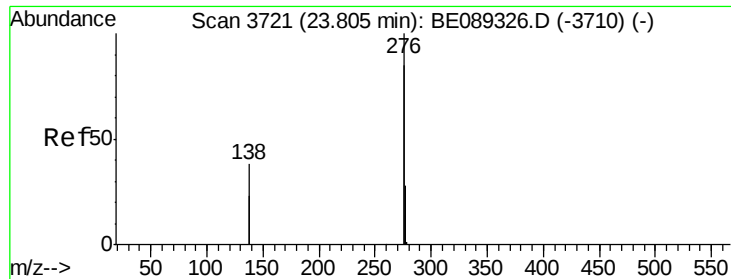
Ion Ratio Lower Upper

278 100

139 226.3 0.0 0.0#

279 0.0 24.0 36.0#





#28

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 23.96 min Scan# 3842

Delta R.T. 0.17 min

Lab File: BE089325.D

Acq: 7 Jan 2015 9:54

Instrument :

BNA_E

ClientSampleId :

DFTPP36

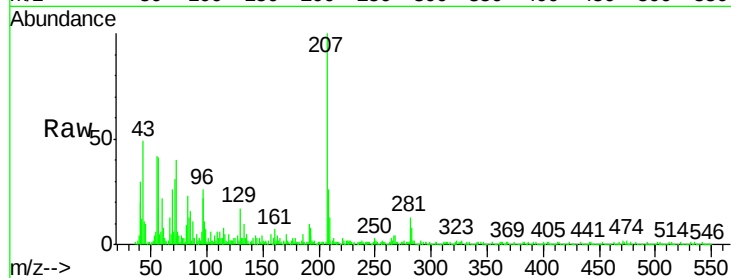
Tgt Ion: 276 Resp: 71

Ion Ratio Lower Upper

276 100

277 3.9 22.3 33.5#

138 13.7 30.0 45.0#



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

