

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
 Data File : Be089368.d
 Acq On : 8 Jan 2015 16:17
 Operator : TP/IZ
 Sample : G1029-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 Y9RA7

Quant Time: Jan 09 02:46:42 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 09 01:27:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	1115	0.40	ng/ul	0.00
4) Naphthalene-d8	8.51	136	4373	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	2208	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	3405	0.40	ng/ul	0.00
18) Chrysene-d12	18.07	240	2592	0.40	ng/ul	0.00
22) Perylene-d12	21.12	264	2245	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.12	96	490	0.29	ng/uL	0.01
6) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng/ul	
16) Fluoranthene-d10	14.88	212	2	0.00	ng/ul	-0.04

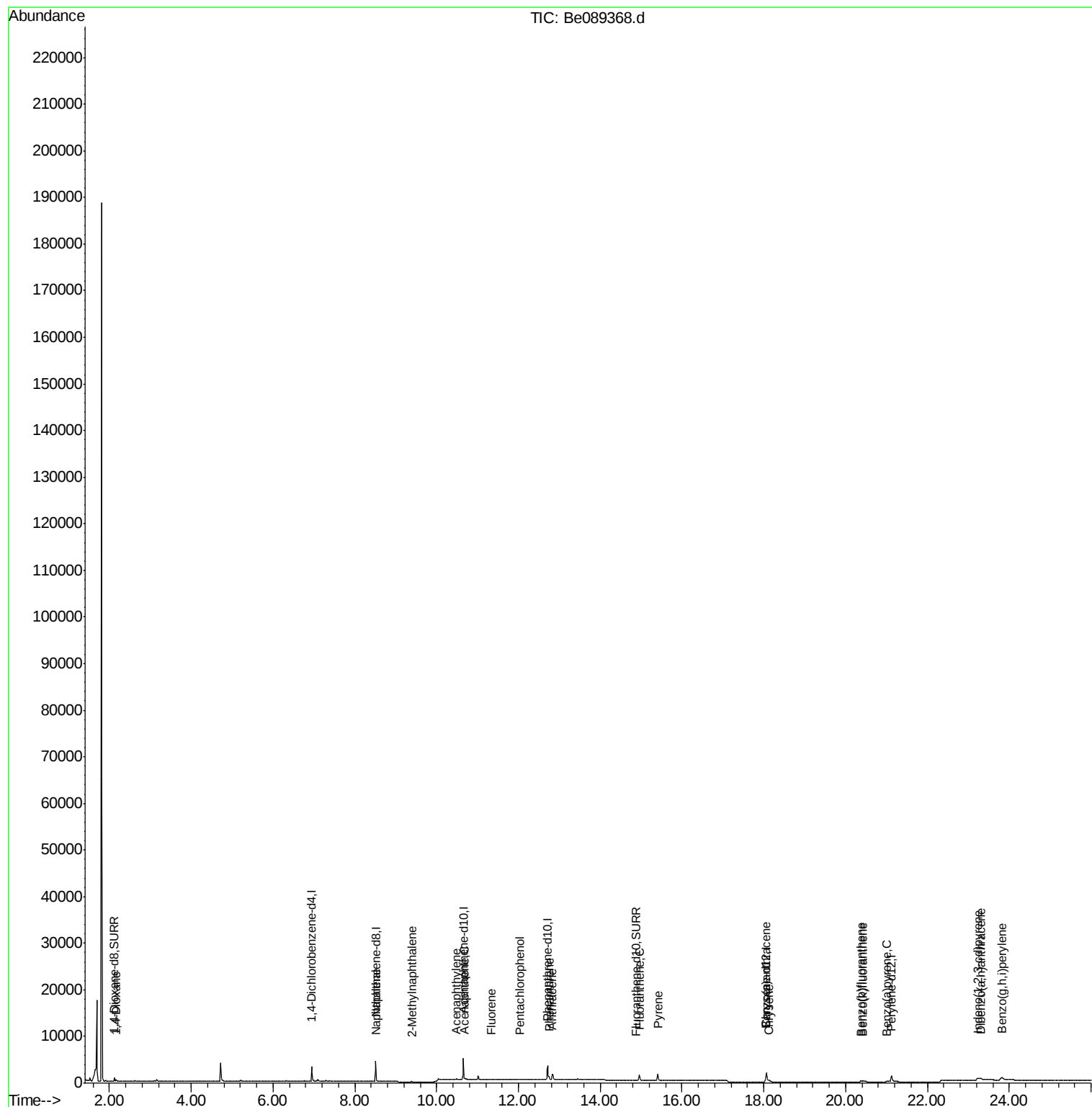
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	2.16	88	244	0.13	ng/ul#	77
5) Naphthalene	8.53	128	140	0.01	ng/ul#	32
7) 2-Methylnaphthalene	9.39	142	54	0.01	ng/ul	96
9) Acenaphthylene	10.48	152	208	0.01	ng/ul#	1
10) Acenaphthene	10.69	153	164	0.01	ng/ul#	58
11) Fluorene	11.34	166	56	0.01	ng/ul#	68
13) Pentachlorophenol	12.03	266	597	1.69	ng/ul#	1
14) Phenanthrene	12.75	178	678	0.02	ng/ul#	44
15) Anthracene	12.83	178	1206	0.04	ng/ul#	67
17) Fluoranthene	14.95	202	1780	0.05	ng/ul	76
19) Pyrene	15.40	202	1980	0.06	ng/ul#	78
20) Benzo(a)anthracene	18.05	228	543	0.09	ng/ul#	82
21) Chrysene	18.13	228	568	0.08	ng/ul#	81
23) Benzo(b)fluoranthene	20.37	252	385	0.07	ng/ul#	62
24) Benzo(k)fluoranthene	20.43	252	539	0.07	ng/ul#	65
25) Benzo(a)pyrene	21.01	252	423	0.07	ng/ul#	61
26) Indeno(1,2,3-cd)pyrene	23.23	276	1885	0.12	ng/ul#	77
27) Dibenzo(a,h)anthracene	23.31	278	338	0.07	ng/ul#	49
28) Benzo(g,h,i)perylene	23.82	276	1722	0.08	ng/ul#	58

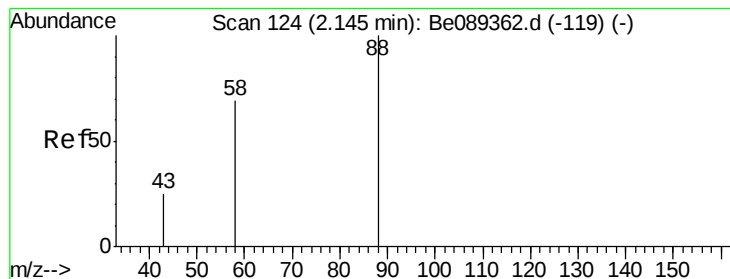
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
Data File : Be089368.d
Acq On : 8 Jan 2015 16:17
Operator : TP/IZ
Sample : G1029-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Y9RA7

Quant Time: Jan 09 02:46:42 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 09 01:27:36 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.13 ng/ul

RT: 2.16 min Scan# 126

Delta R.T. 0.01 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

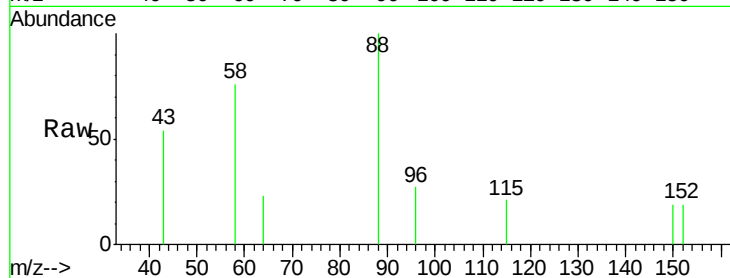
Tgt Ion: 88 Resp: 244

Ion Ratio Lower Upper

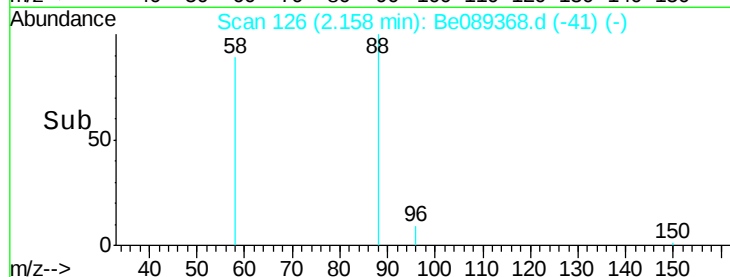
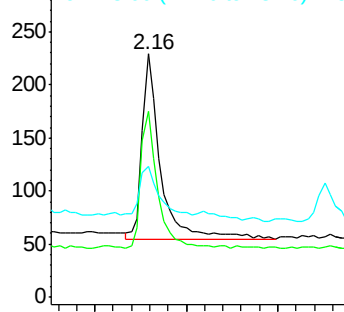
88 100

58 67.6 61.5 92.3

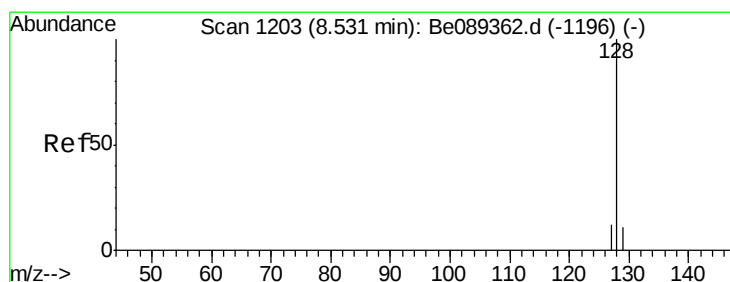
43 0.0 23.9 35.9#



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



Time-->



#5

Naphthalene

Concen: 0.01 ng/ul

RT: 8.53 min Scan# 1203

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

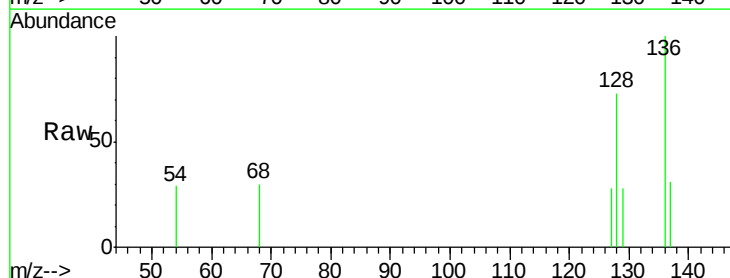
Tgt Ion: 128 Resp: 140

Ion Ratio Lower Upper

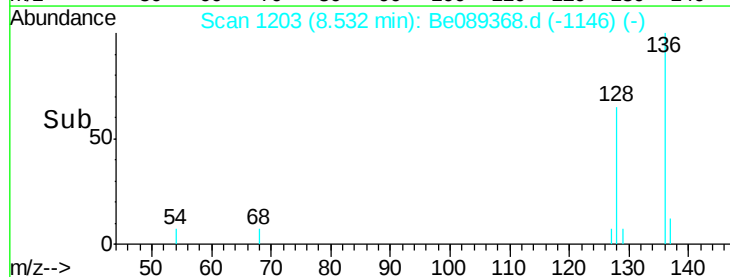
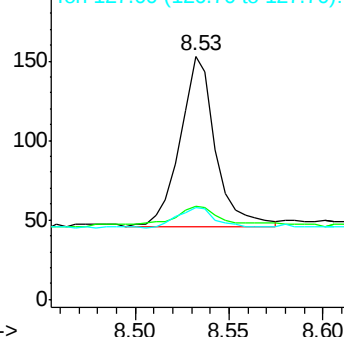
128 100

129 38.6 9.1 13.7#

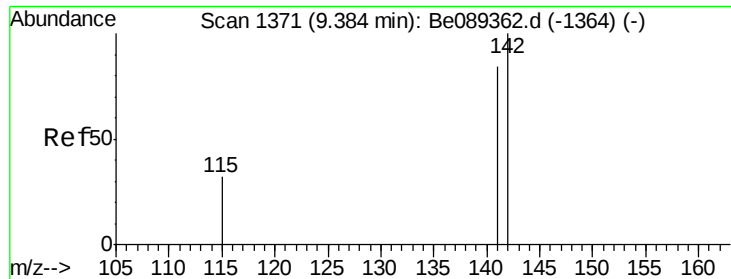
127 37.9 10.0 15.0#



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



Time-->



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 9.39 min Scan# 1371

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

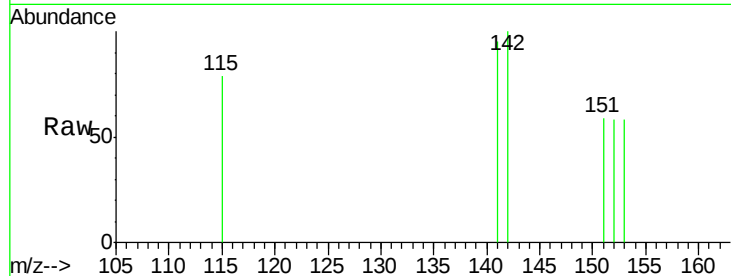
Y9RA7

Tgt Ion:142 Resp: 54

Ion Ratio Lower Upper

142 100

141 77.8 65.4 98.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

9.39

80

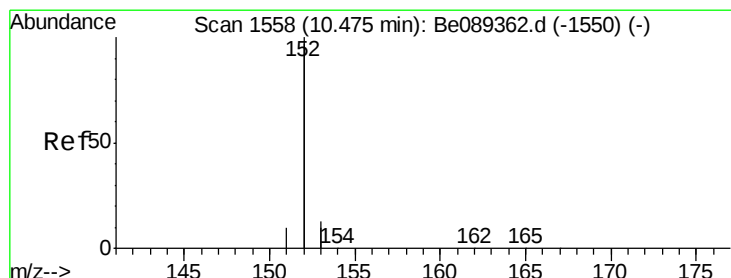
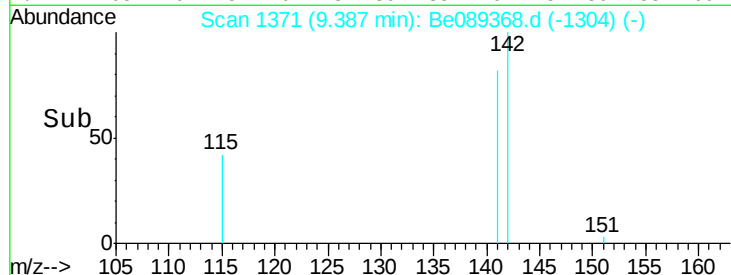
60

40

20

0

Time--> 9.30 9.35 9.40 9.45



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 10.48 min Scan# 1558

Delta R.T. 0.01 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

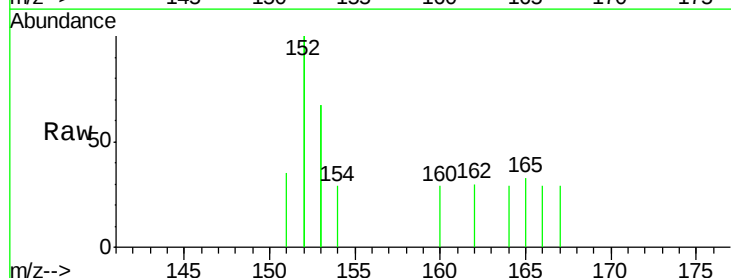
Tgt Ion:152 Resp: 208

Ion Ratio Lower Upper

152 100

151 17.7 4.0 6.0#

153 67.1 10.1 15.1#



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

10.48

400

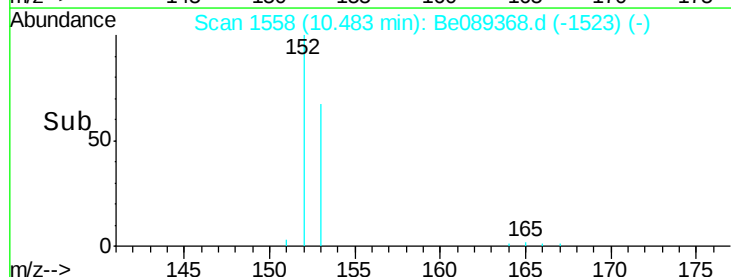
300

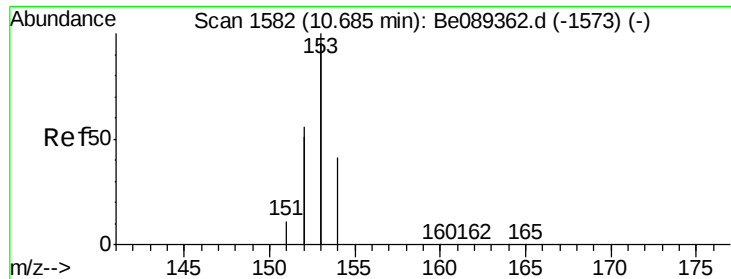
200

100

0

Time--> 10.40 10.50





#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 10.69 min Scan# 1582

Delta R.T. 0.01 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

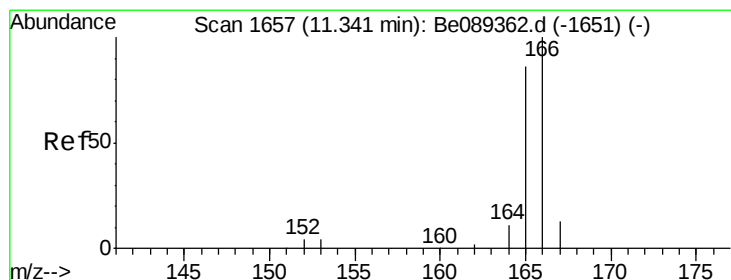
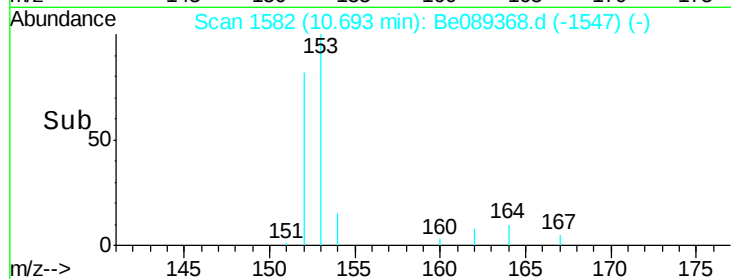
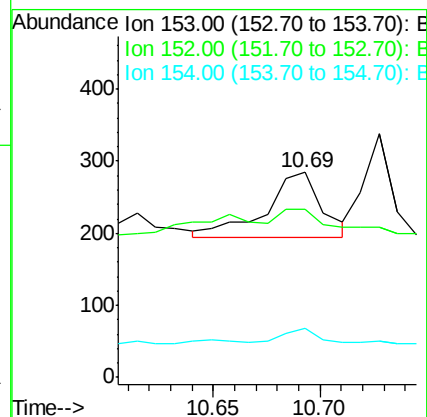
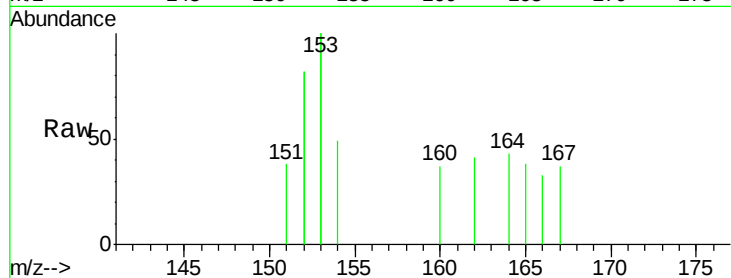
Tgt Ion:153 Resp: 164

Ion Ratio Lower Upper

153 100

152 82.4 32.6 49.0#

154 24.3 21.8 32.6



#11

Fluorene

Concen: 0.01 ng/ul

RT: 11.34 min Scan# 1656

Delta R.T. -0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

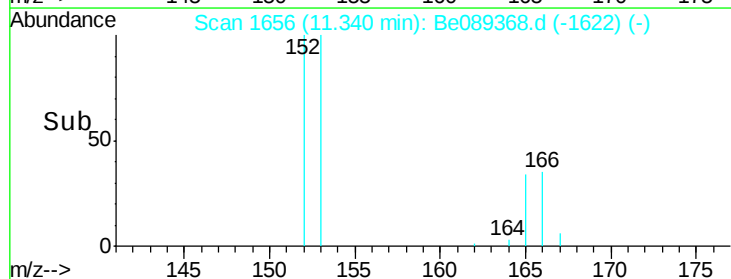
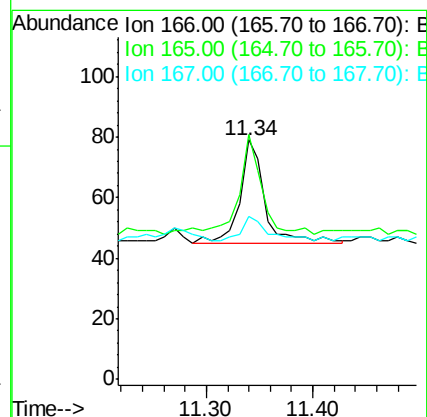
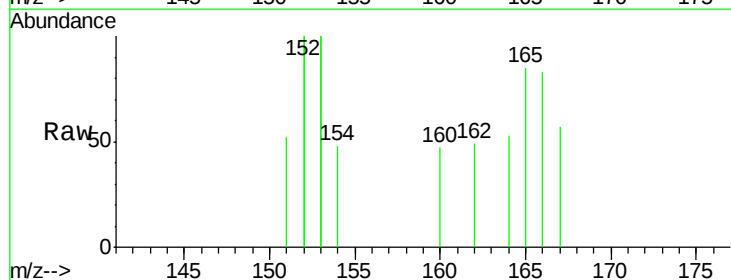
Tgt Ion:166 Resp: 56

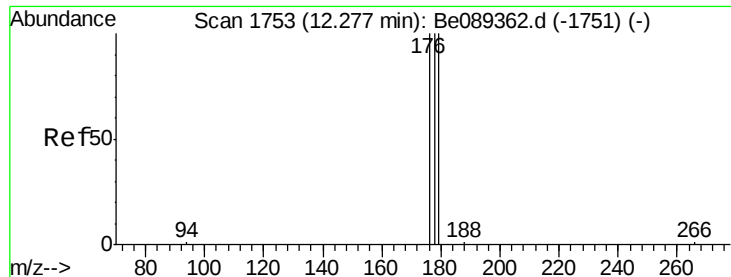
Ion Ratio Lower Upper

166 100

165 102.5 70.3 105.5

167 68.4 11.5 17.3#





#13

Pentachlorophenol

Concen: 1.69 ng/ul

RT: 12.03 min Scan# 1732

Delta R.T. -0.24 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

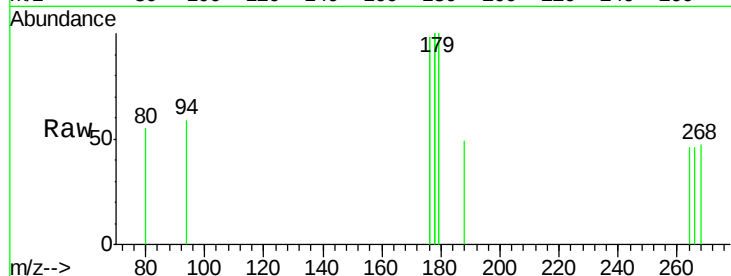
Tgt Ion:266 Resp: 597

Ion Ratio Lower Upper

266 100

264 113.2 48.7 73.1#

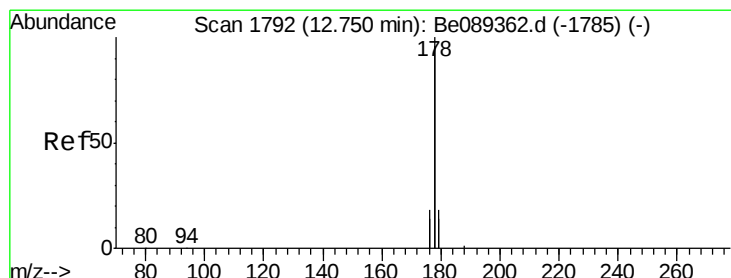
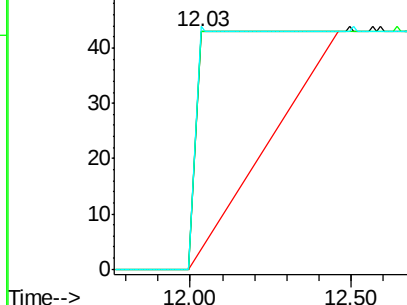
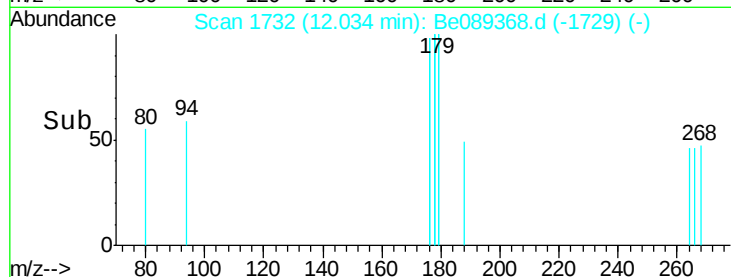
268 205.4 52.9 79.3#



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



#14

Phenanthrene

Concen: 0.02 ng/ul

RT: 12.75 min Scan# 1791

Delta R.T. -0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

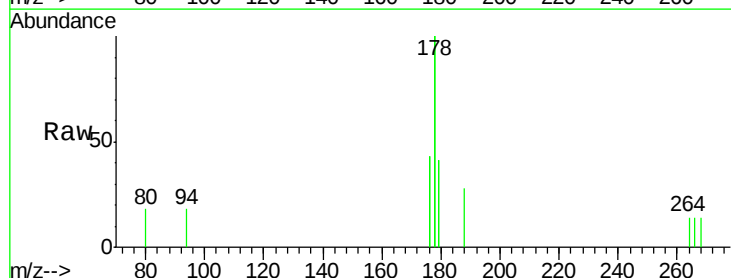
Tgt Ion:178 Resp: 678

Ion Ratio Lower Upper

178 100

176 42.7 14.3 21.5#

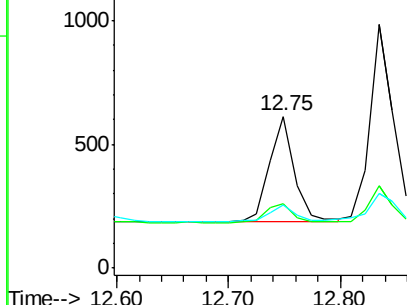
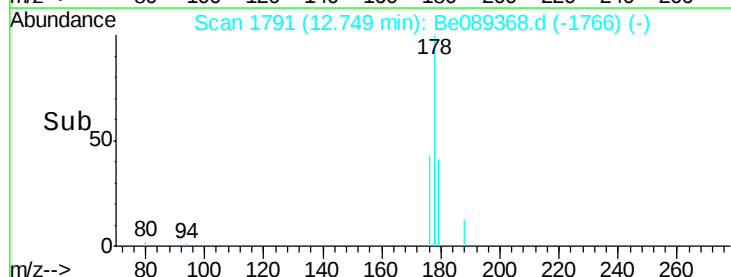
179 41.4 13.8 20.8#

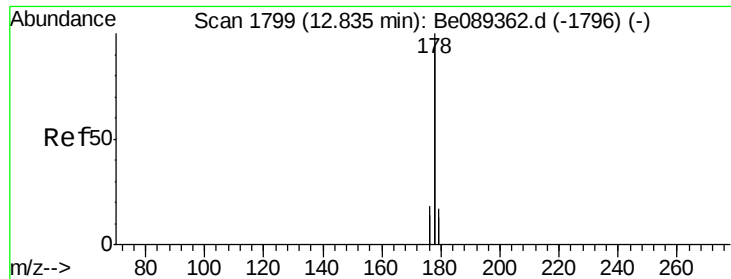


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.04 ng/ul

RT: 12.83 min Scan# 1798

Delta R.T. -0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

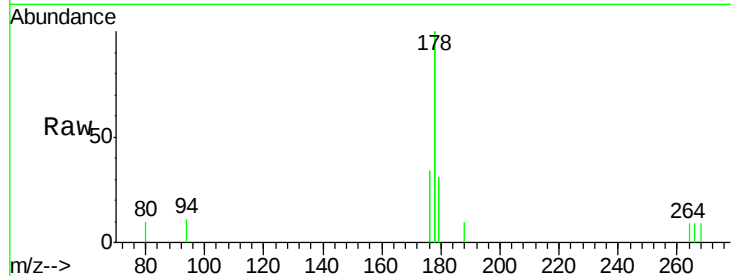
Tgt Ion:178 Resp: 1206

Ion Ratio Lower Upper

178 100

176 33.7 14.7 22.1#

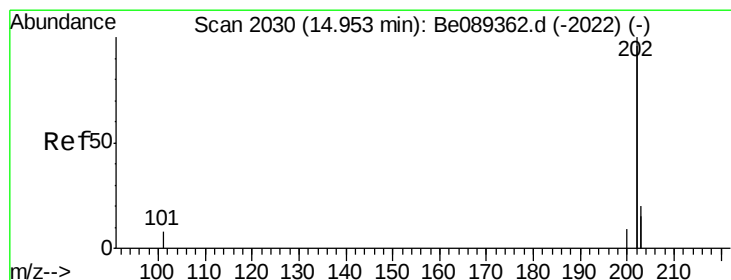
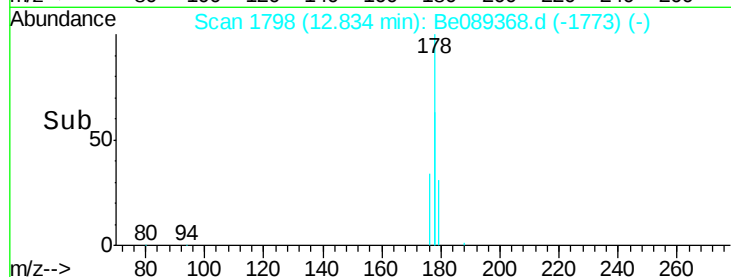
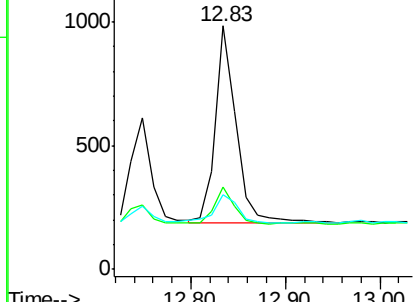
179 30.7 13.4 20.2#



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: 0.05 ng/ul

RT: 14.95 min Scan# 2029

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

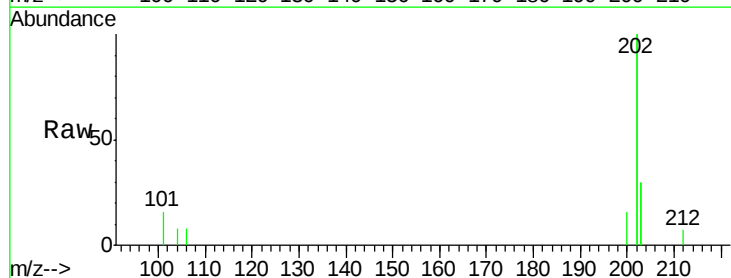
Tgt Ion:202 Resp: 1780

Ion Ratio Lower Upper

202 100

101 7.9 0.0 24.6

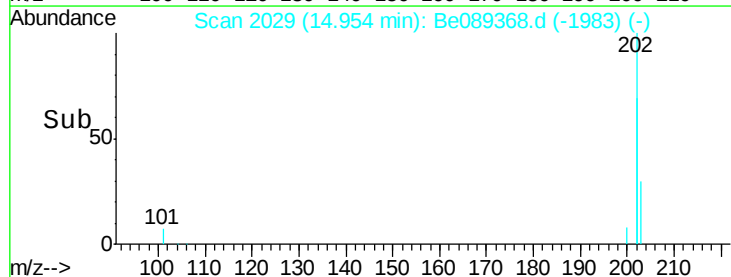
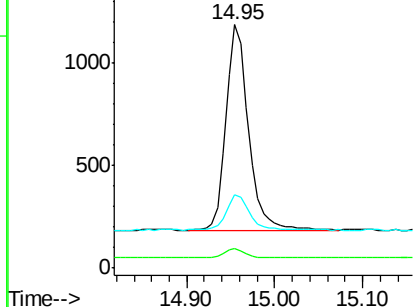
203 30.2 0.0 37.8

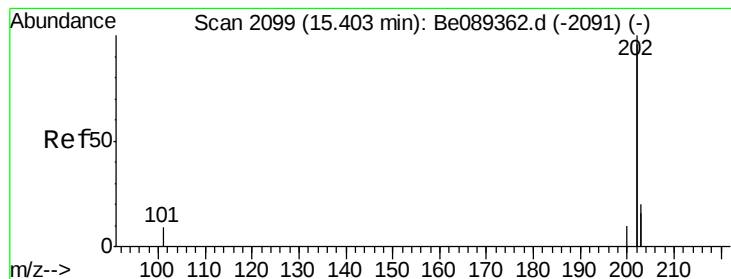


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.06 ng/ul

RT: 15.40 min Scan# 2098

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

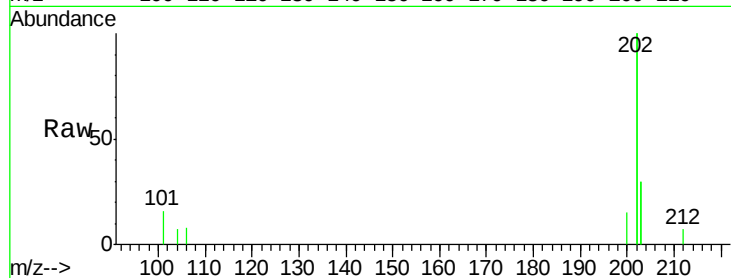
Tgt Ion:202 Resp: 1980

Ion Ratio Lower Upper

202 100

200 7.6 4.2 6.4#

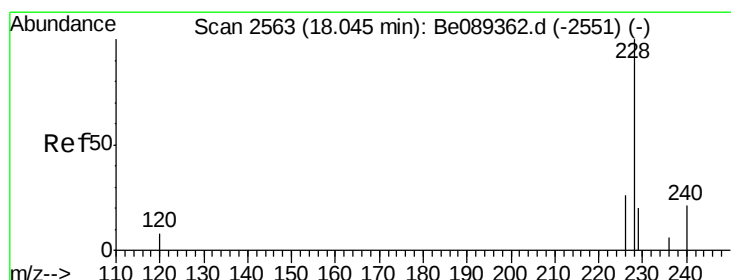
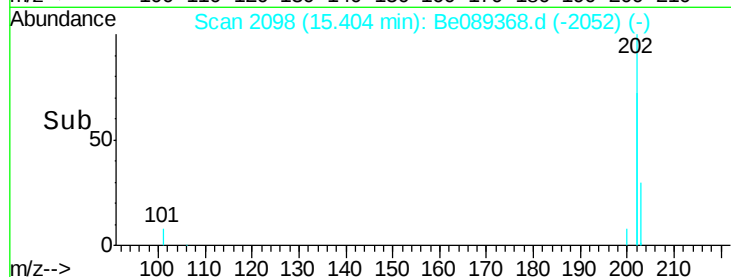
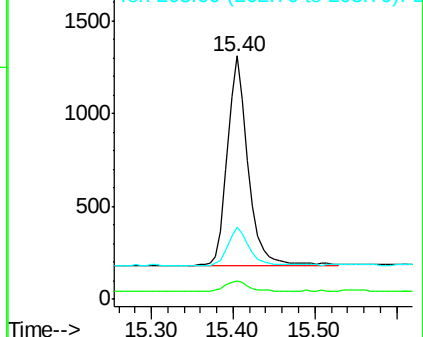
203 29.6 14.4 21.6#



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: 0.09 ng/ul

RT: 18.05 min Scan# 2563

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

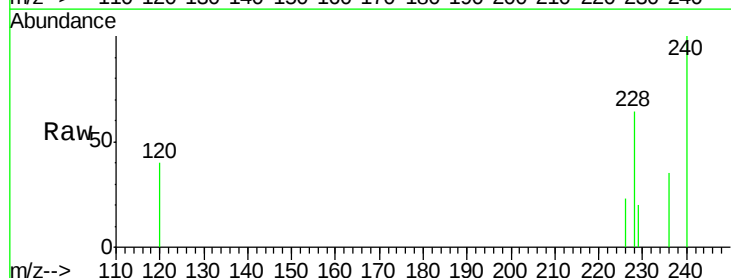
Tgt Ion:228 Resp: 543

Ion Ratio Lower Upper

228 100

226 35.6 21.9 32.9#

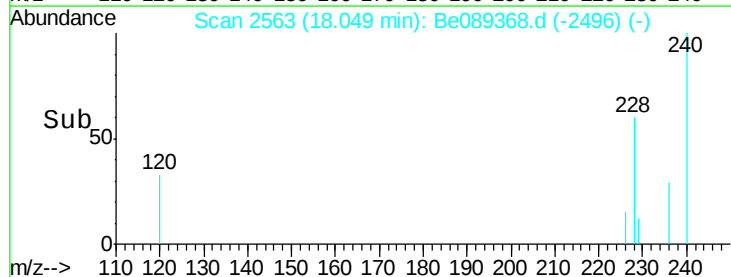
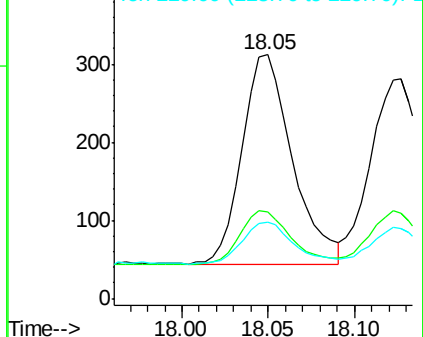
229 31.4 16.9 25.3#

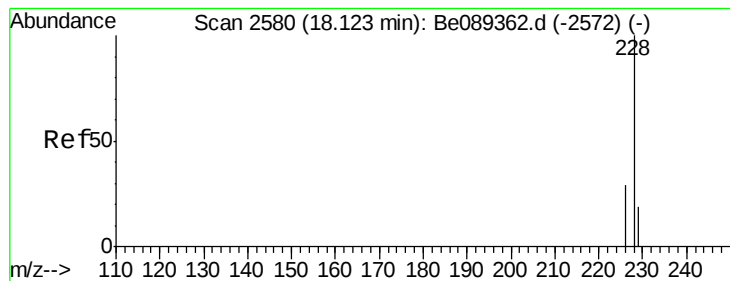


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.08 ng/ul

RT: 18.13 min Scan# 2580

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

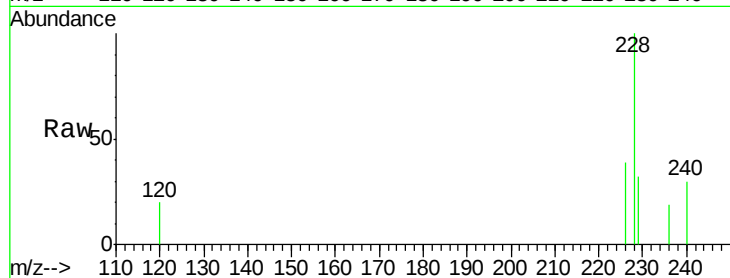
Tgt Ion:228 Resp: 568

Ion Ratio Lower Upper

228 100

226 38.8 23.9 35.9#

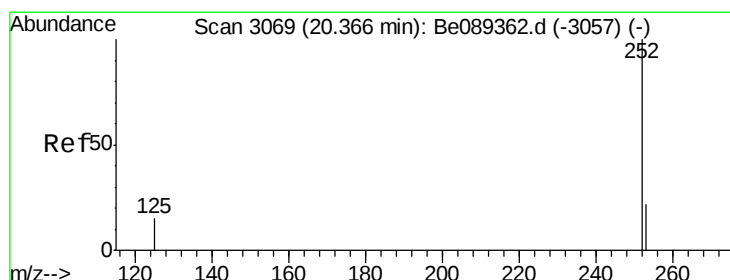
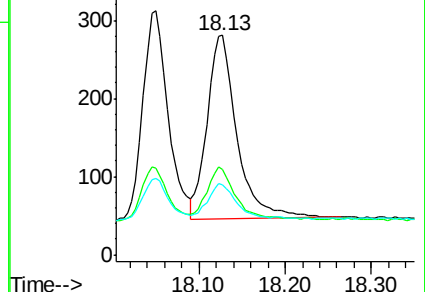
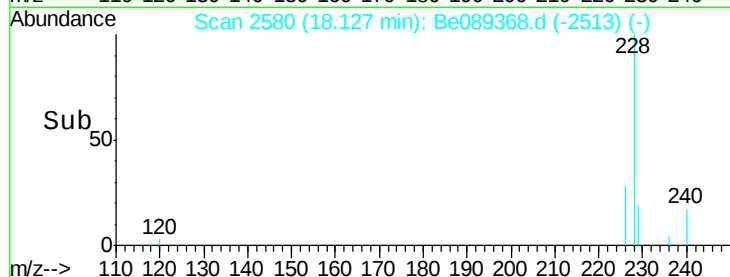
229 32.0 16.8 25.2#



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



#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 20.37 min Scan# 3069

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

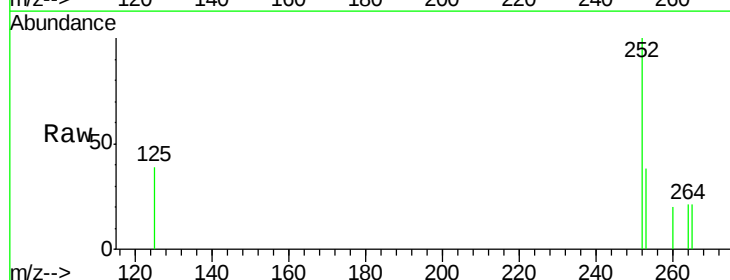
Tgt Ion:252 Resp: 385

Ion Ratio Lower Upper

252 100

253 38.4 0.0 47.8

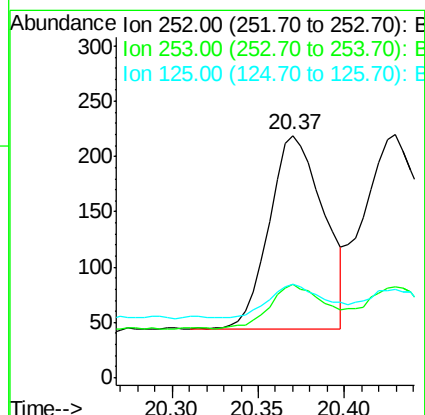
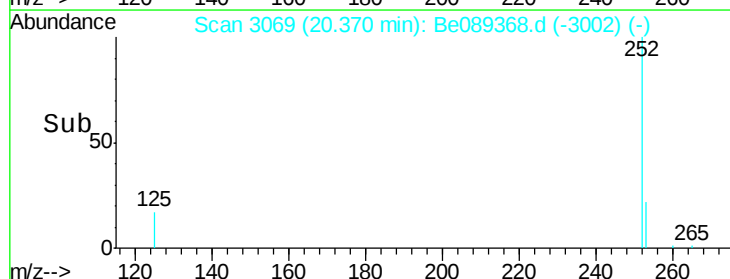
125 38.8 0.0 34.2#

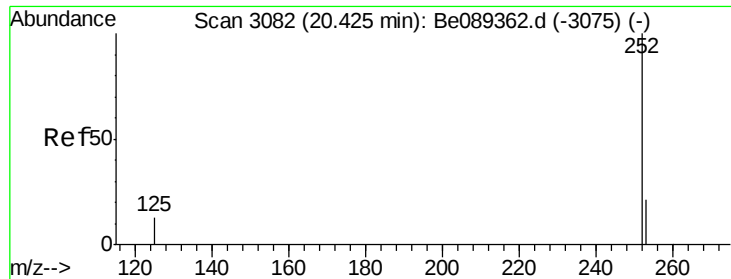


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.07 ng/ul

RT: 20.43 min Scan# 3082

Delta R.T. 0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

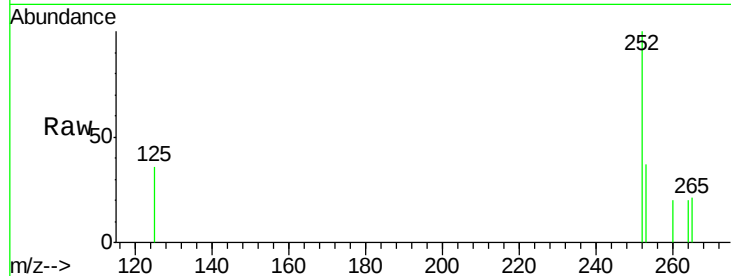
Tgt Ion:252 Resp: 539

Ion Ratio Lower Upper

252 100

253 37.3 19.0 28.6#

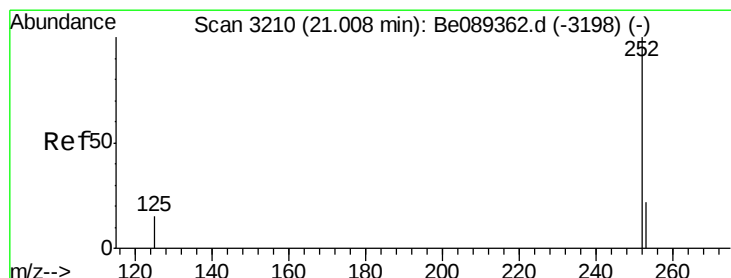
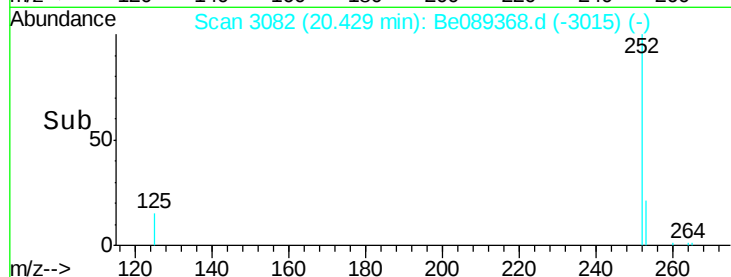
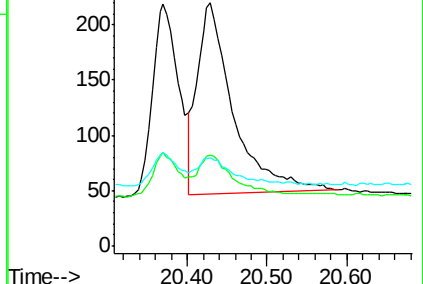
125 36.4 13.5 20.3#



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



#25

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 21.01 min Scan# 3209

Delta R.T. -0.00 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

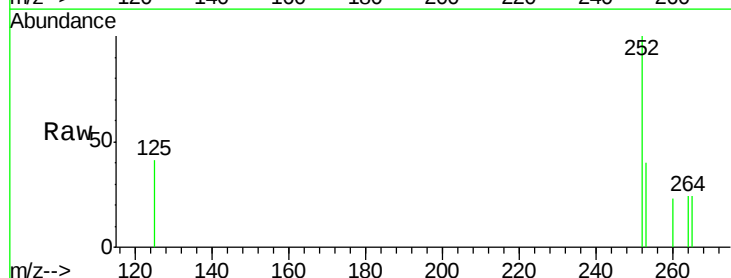
Tgt Ion:252 Resp: 423

Ion Ratio Lower Upper

252 100

253 40.0 19.7 29.5#

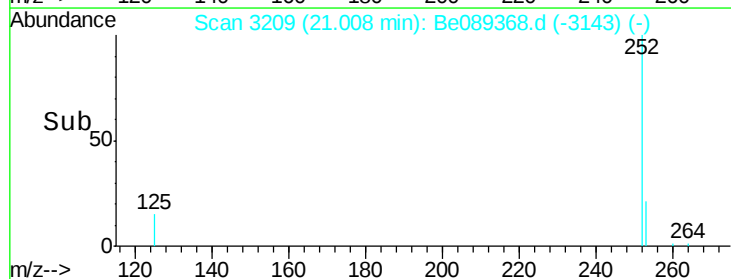
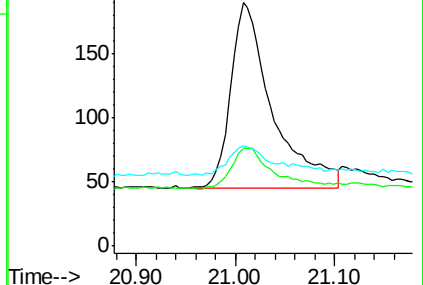
125 41.1 15.0 22.6#

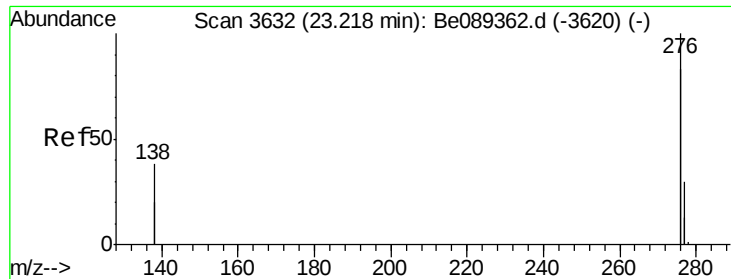


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

RT: 23.23 min Scan# 3632

Delta R.T. 0.01 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7

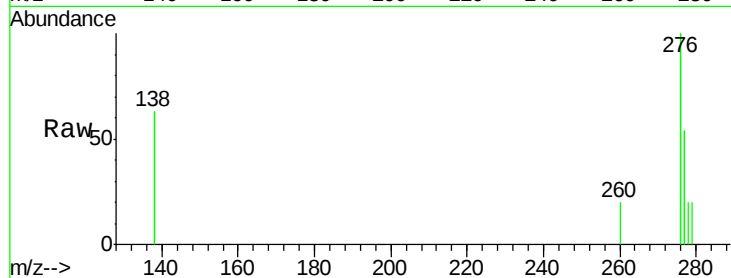
Tgt Ion:276 Resp: 1885

Ion Ratio Lower Upper

276 100

138 16.1 23.8 35.8#

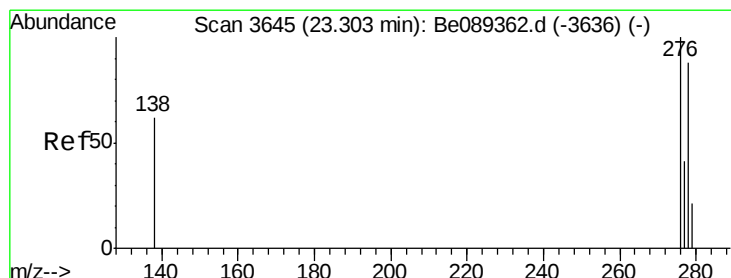
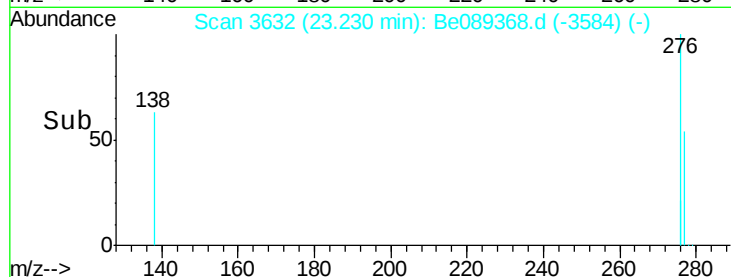
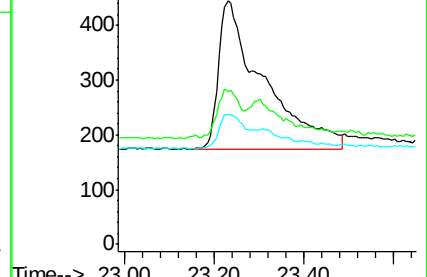
277 13.6 18.9 28.3#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.07 ng/ul

RT: 23.31 min Scan# 3645

Delta R.T. 0.01 min

Lab File: Be089368.d

Acq: 8 Jan 2015 16:17

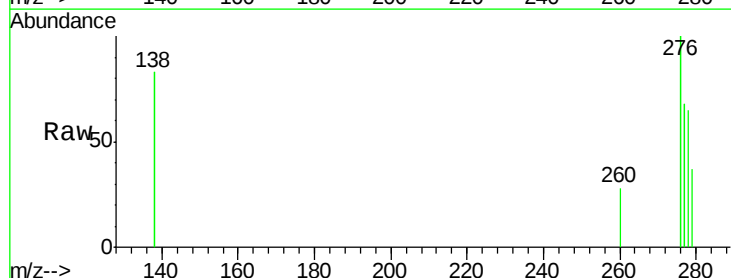
Tgt Ion:278 Resp: 338

Ion Ratio Lower Upper

278 100

139 0.0 0.0 0.0

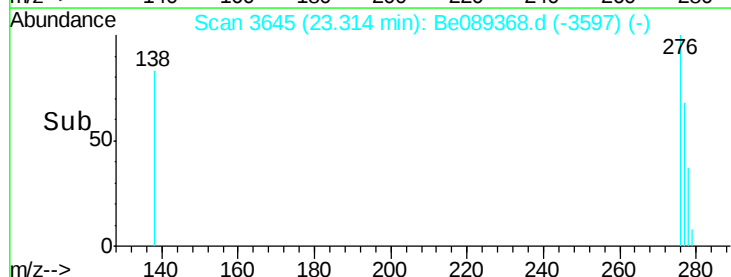
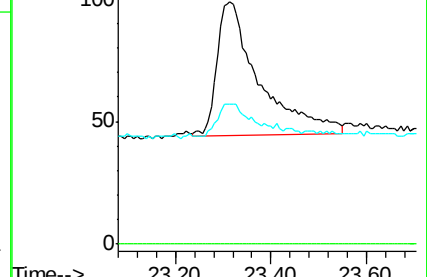
279 57.6 24.0 36.0#

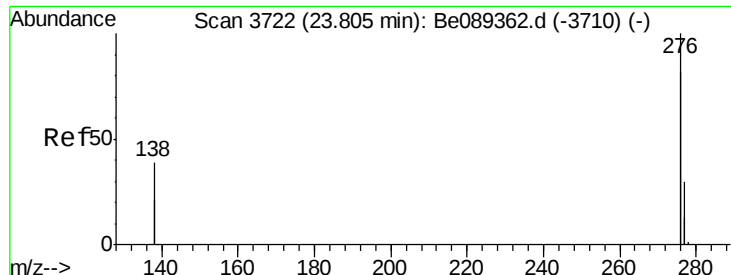


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 23.82 min Scan# 3722

Delta R.T. 0.01 min

Lab File: Be089368.d

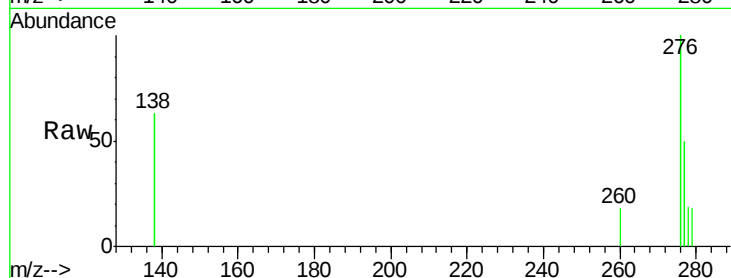
Acq: 8 Jan 2015 16:17

Instrument :

BNA_E

ClientSampleId :

Y9RA7



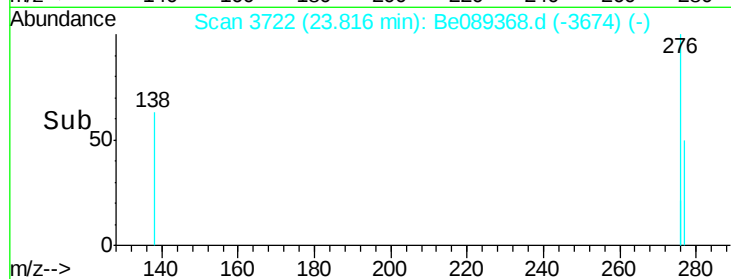
Tgt Ion: 276 Resp: 1722

Ion Ratio Lower Upper

276 100

277 50.4 22.3 33.5#

138 62.8 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

