

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
 Data File : BE089370.D
 Acq On : 8 Jan 2015 17:40
 Operator : TP/IZ
 Sample : F5245-15RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 Y9R92

Quant Time: Jan 09 03:00:05 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	1237	0.40	ng/ul	0.00
4) Naphthalene-d8	8.51	136	4976	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	2533	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	3830	0.40	ng/ul	0.00
18) Chrysene-d12	18.07	240	2652	0.40	ng/ul	0.00
22) Perylene-d12	21.12	264	2271	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	503	0.27	ng/uL	0.01
6) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng/ul	
16) Fluoranthene-d10	14.93	212	4	0.00	ng/ul	0.02

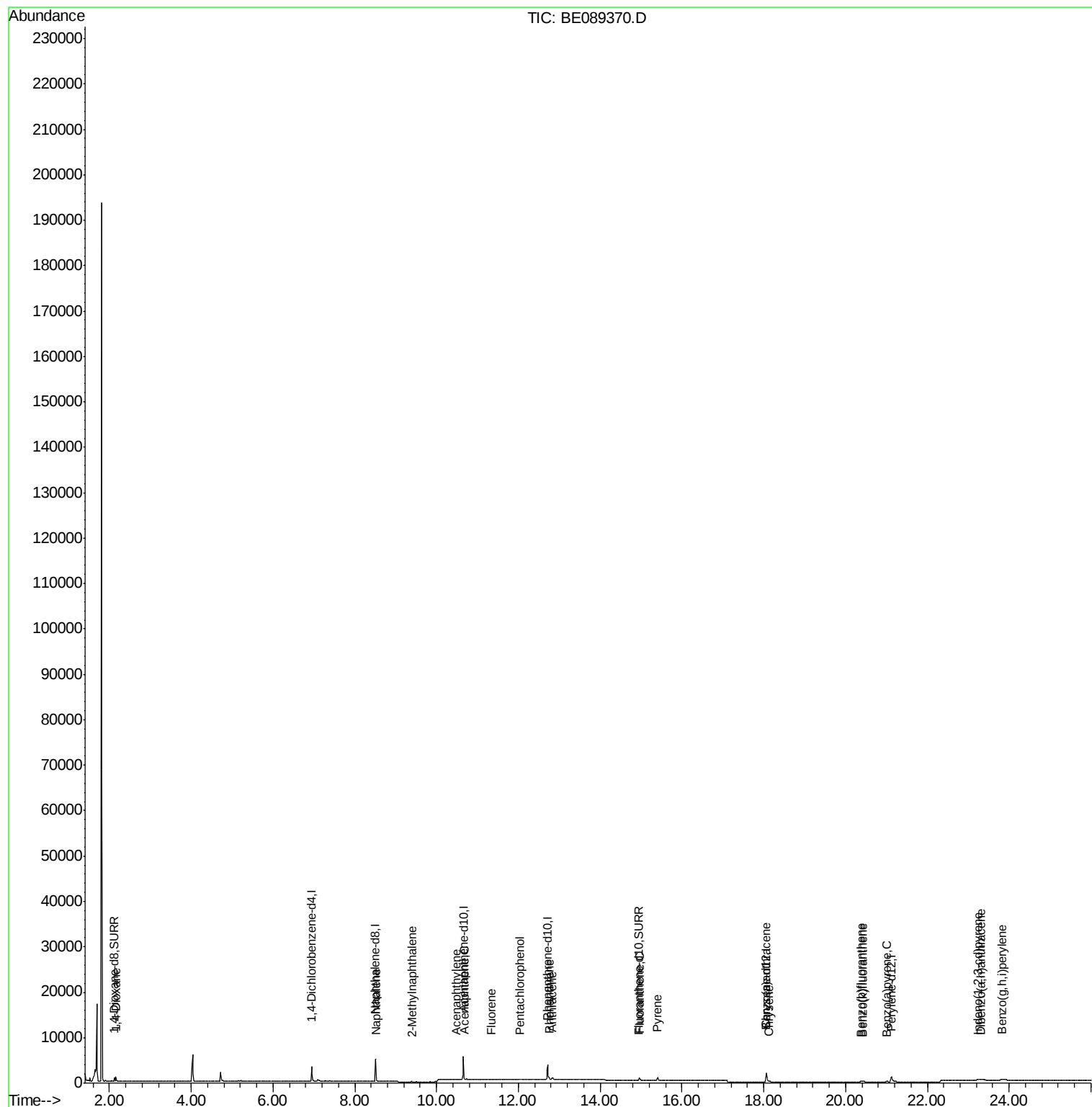
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	2.15	88	628	0.30	ng/ul#	83
5) Naphthalene	8.53	128	159	0.01	ng/ul#	37
7) 2-Methylnaphthalene	9.39	142	49	0.01	ng/ul	98
9) Acenaphthylene	10.48	152	91	0.00	ng/ul#	1
10) Acenaphthene	10.69	153	152	0.01	ng/ul#	50
11) Fluorene	11.34	166	30	0.00	ng/ul#	64
13) Pentachlorophenol	12.03	266	457	1.15	ng/ul#	23
14) Phenanthrene	12.75	178	470	0.01	ng/ul#	31
15) Anthracene	12.83	178	517	0.01	ng/ul#	34
17) Fluoranthene	14.96	202	983	0.03	ng/ul#	59
19) Pyrene	15.40	202	1077	0.03	ng/ul#	62
20) Benzo(a)anthracene	18.05	228	253	0.04	ng/ul#	63
21) Chrysene	18.12	228	272	0.04	ng/ul#	61
23) Benzo(b)fluoranthene	20.37	252	166	0.03	ng/ul#	26
24) Benzo(k)fluoranthene	20.43	252	250	0.03	ng/ul#	35
25) Benzo(a)pyrene	21.01	252	171	0.03	ng/ul#	25
26) Indeno(1,2,3-cd)pyrene	23.24	276	462	0.03	ng/ul	100
27) Dibenzo(a,h)anthracene	23.31	278	160	0.03	ng/ul#	24
28) Benzo(g,h,i)perylene	23.83	276	772	0.03	ng/ul#	31

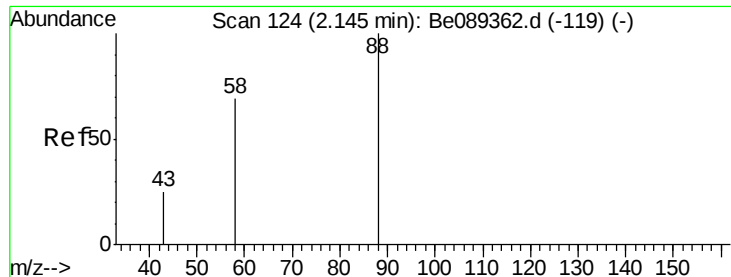
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010815\
Data File : BE089370.D
Acq On : 8 Jan 2015 17:40
Operator : TP/IZ
Sample : F5245-15RX
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Y9R92

Quant Time: Jan 09 03:00:05 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: 0.30 ng/ul

RT: 2.15 min Scan# 125

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

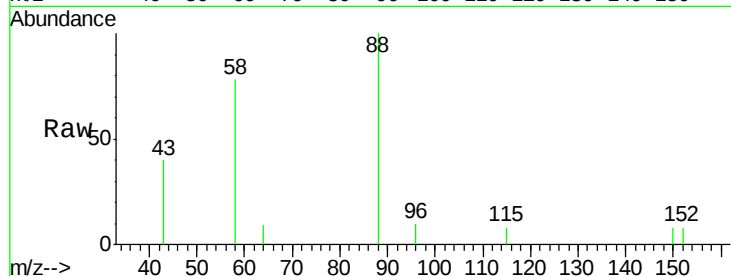
Tgt Ion: 88 Resp: 628

Ion Ratio Lower Upper

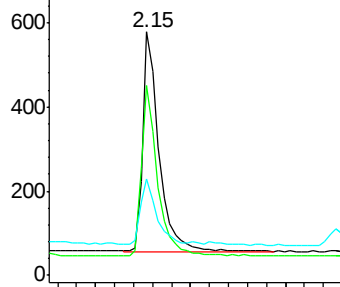
88 100

58 75.5 61.5 92.3

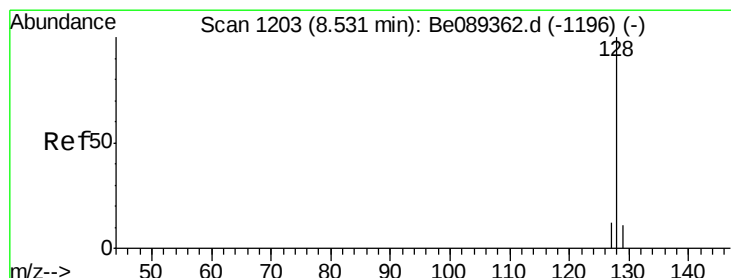
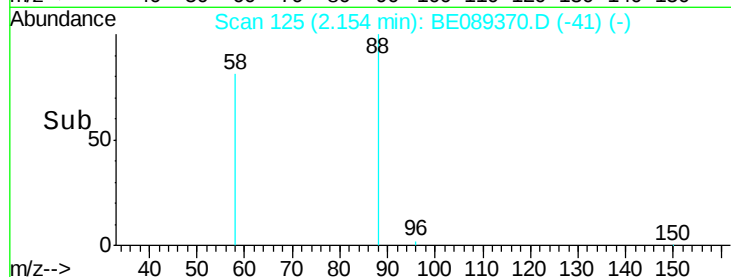
43 0.0 23.9 35.9#



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: BE089370.D

Acq: 8 Jan 2015 17:40

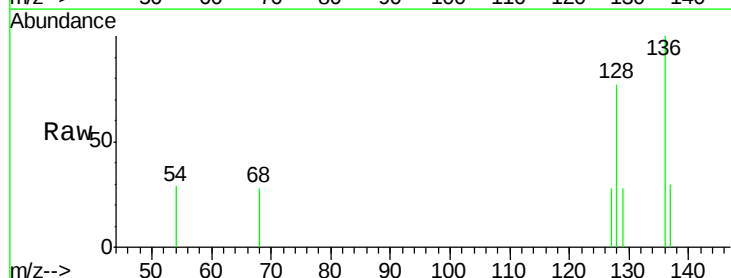
Tgt Ion: 128 Resp: 159

Ion Ratio Lower Upper

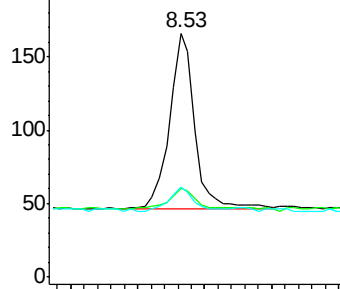
128 100

129 36.1 9.1 13.7#

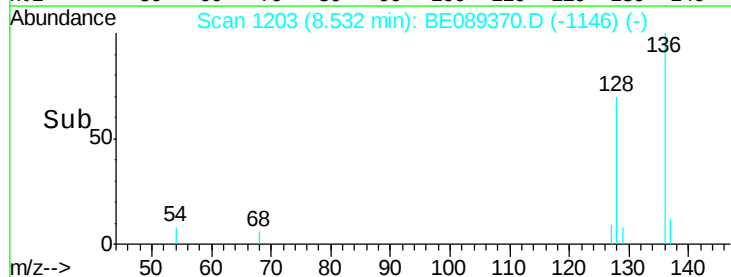
127 36.7 10.0 15.0#

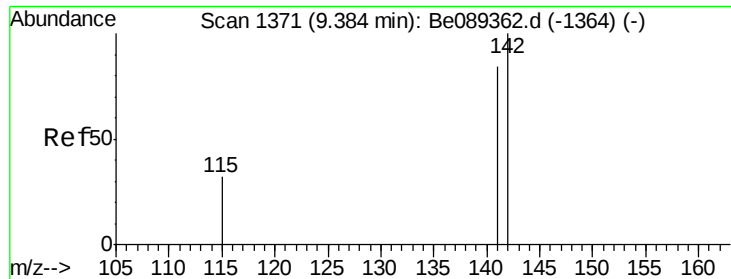


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 9.39 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

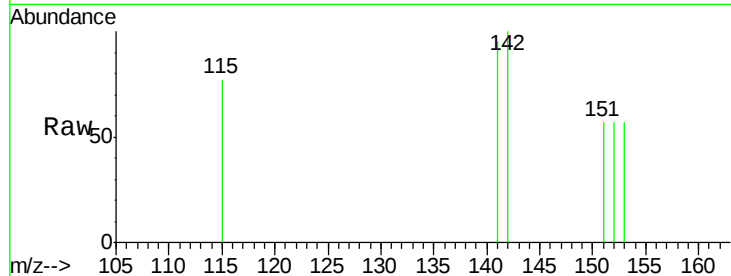
Y9R92

Tgt Ion:142 Resp: 49

Ion Ratio Lower Upper

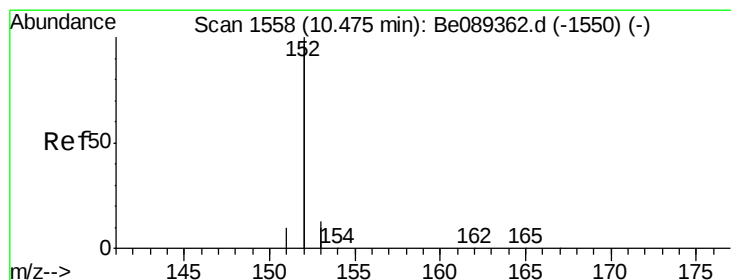
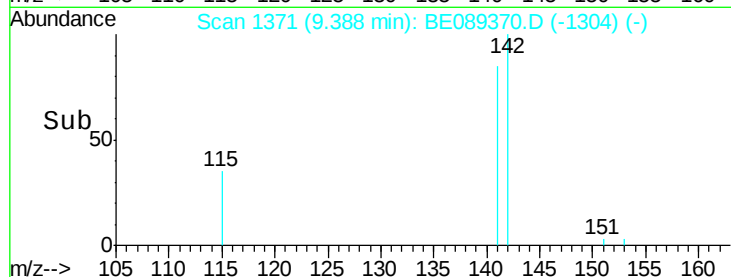
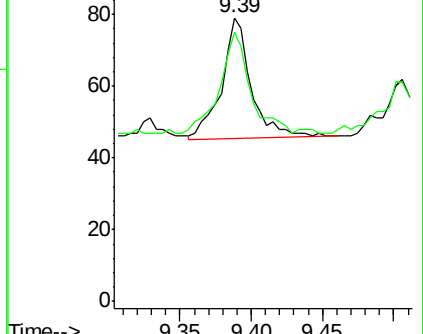
142 100

141 83.7 65.4 98.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 10.48 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

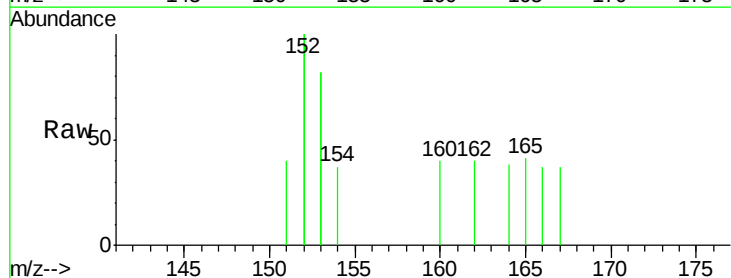
Tgt Ion:152 Resp: 91

Ion Ratio Lower Upper

152 100

151 20.2 4.0 6.0#

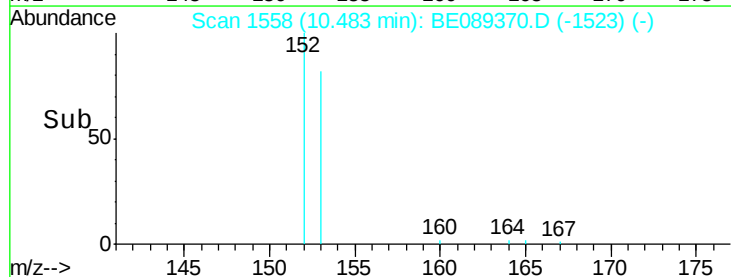
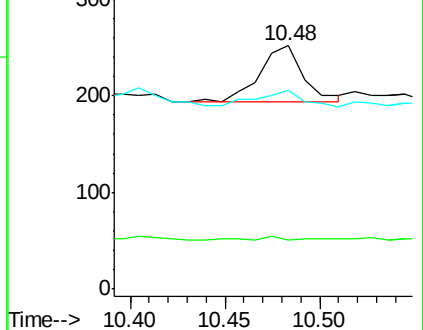
153 81.7 10.1 15.1#

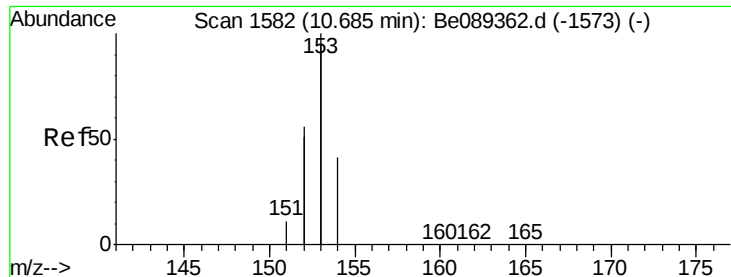


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 10.69 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

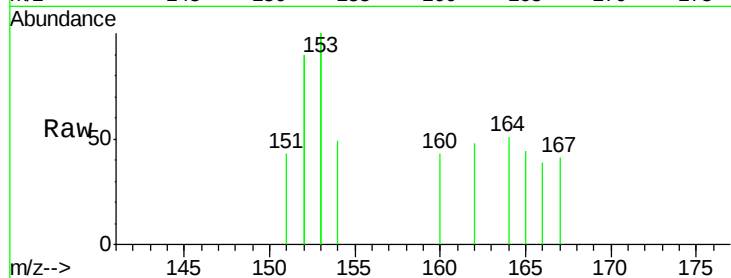
Tgt Ion:153 Resp: 152

Ion Ratio Lower Upper

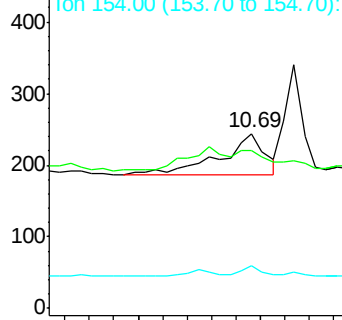
153 100

152 90.2 32.6 49.0#

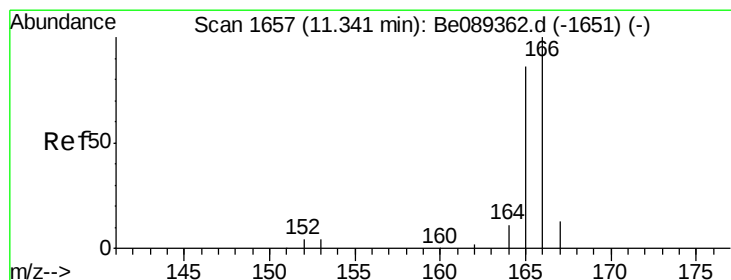
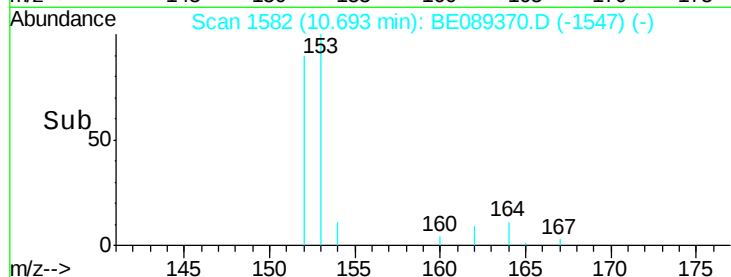
154 24.6 21.8 32.6



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



Time-->



#11

Fluorene

Concen: 0.00 ng/ul

RT: 11.34 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

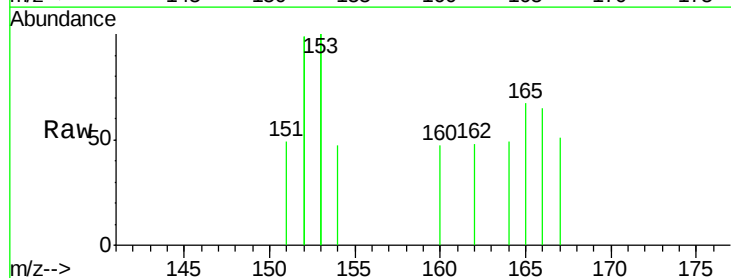
Tgt Ion:166 Resp: 30

Ion Ratio Lower Upper

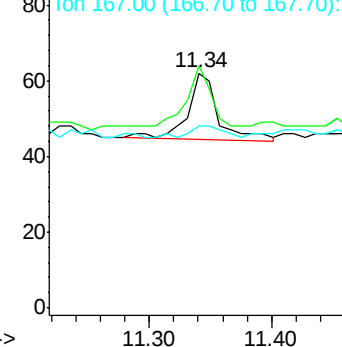
166 100

165 103.2 70.3 105.5

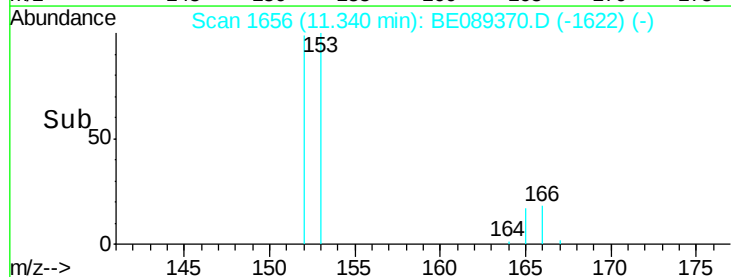
167 77.4 11.5 17.3#

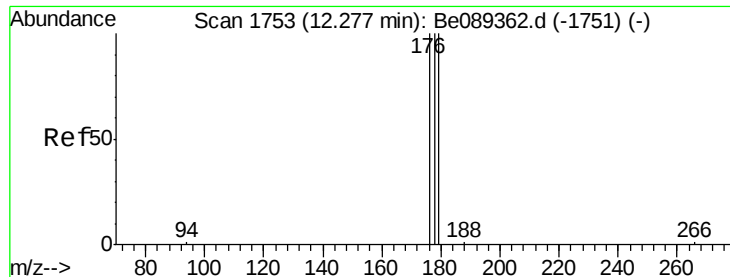


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

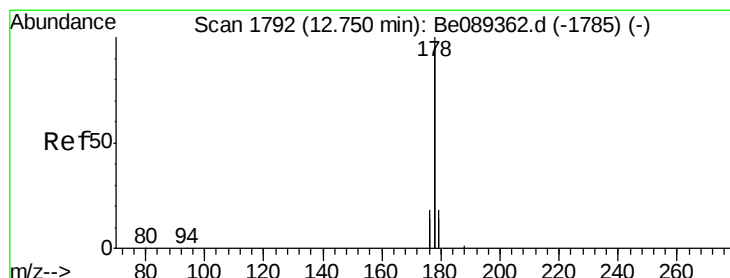
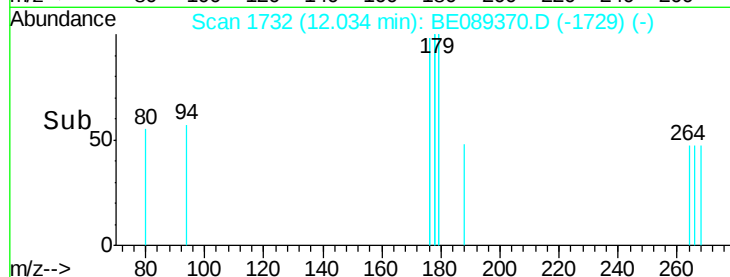
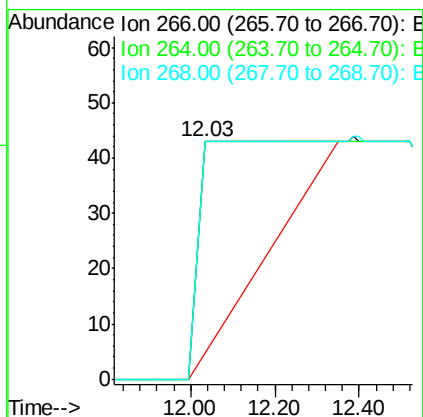
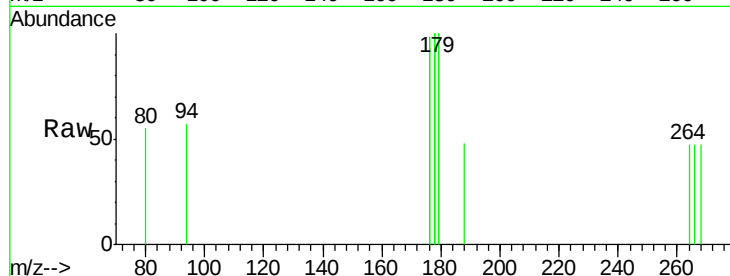




#13
 Pentachlorophenol
 Concen: 1.15 ng/ul
 RT: 12.03 min Scan# 1732
 Delta R.T. -0.24 min
 Lab File: BE089370.D
 Acq: 8 Jan 2015 17:40

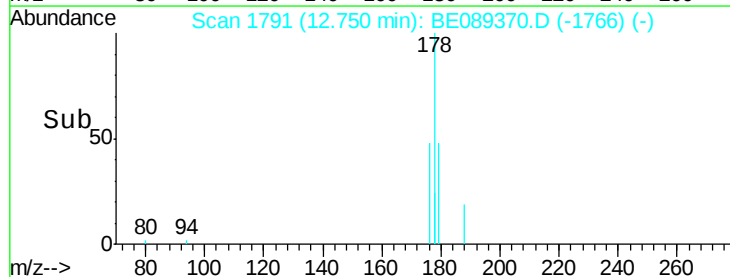
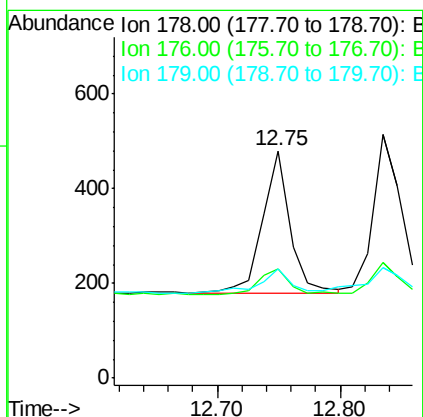
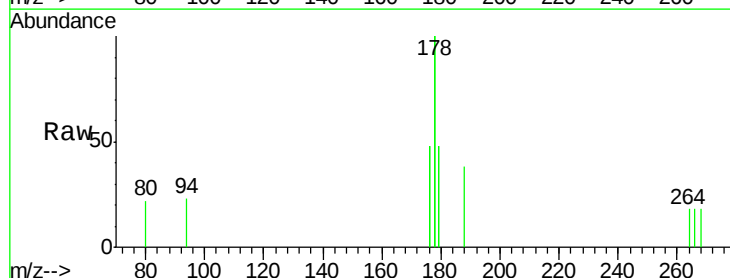
Instrument :
 BNA_E
 ClientSampleId :
 Y9R92

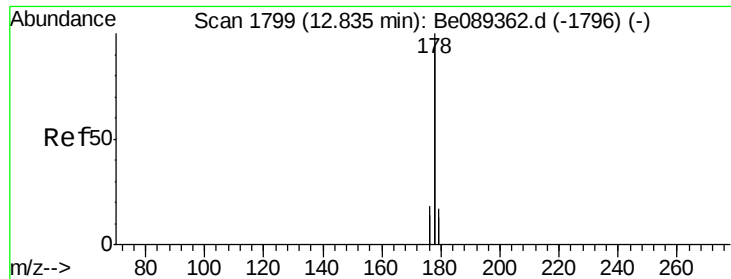
Tgt Ion: 266 Resp: 457
 Ion Ratio Lower Upper
 266 100
 264 147.9 48.7 73.1#
 268 100.0 52.9 79.3#



#14
 Phenanthrene
 Concen: 0.01 ng/ul
 RT: 12.75 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BE089370.D
 Acq: 8 Jan 2015 17:40

Tgt Ion: 178 Resp: 470
 Ion Ratio Lower Upper
 178 100
 176 47.9 14.3 21.5#
 179 47.9 13.8 20.8#





#15

Anthracene

Concen: 0.01 ng/ul

RT: 12.83 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

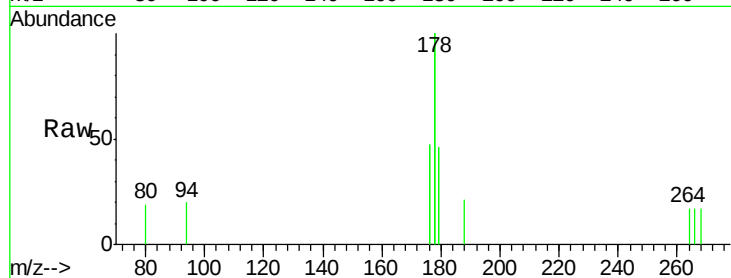
Tgt Ion:178 Resp: 517

Ion Ratio Lower Upper

178 100

176 47.5 14.7 22.1#

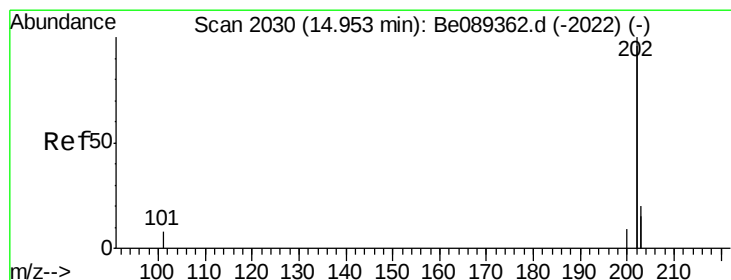
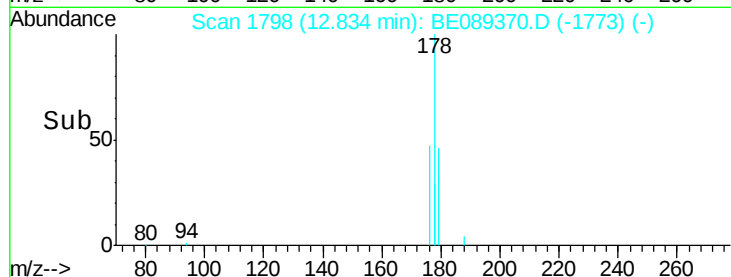
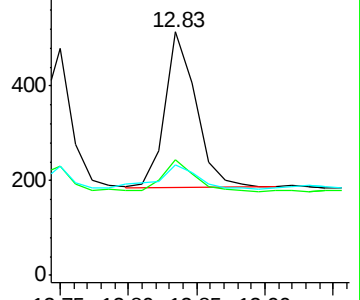
179 45.5 13.4 20.2#



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: 0.03 ng/ul

RT: 14.96 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

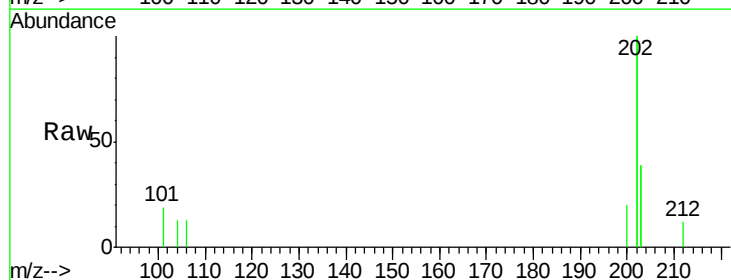
Tgt Ion:202 Resp: 983

Ion Ratio Lower Upper

202 100

101 9.5 0.0 24.6

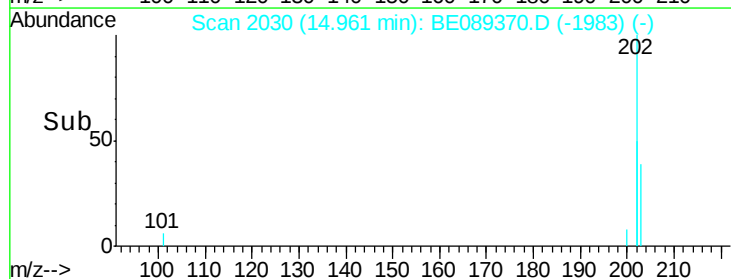
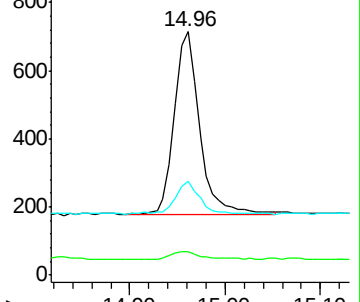
203 38.7 0.0 37.8#

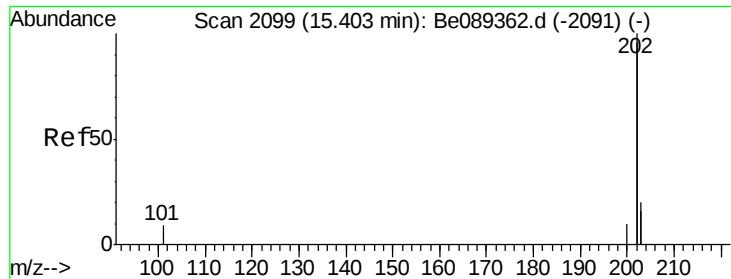


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.03 ng/u1

RT: 15.40 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

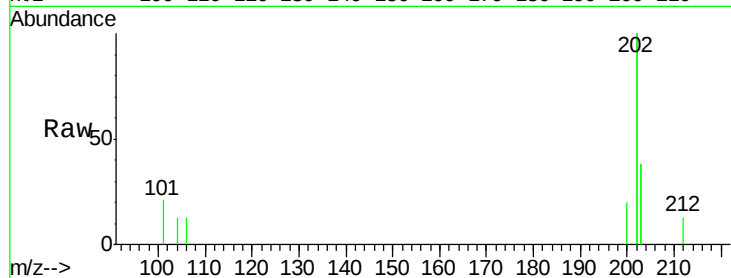
Tgt Ion:202 Resp: 1077

Ion Ratio Lower Upper

202 100

200 9.8 4.2 6.4#

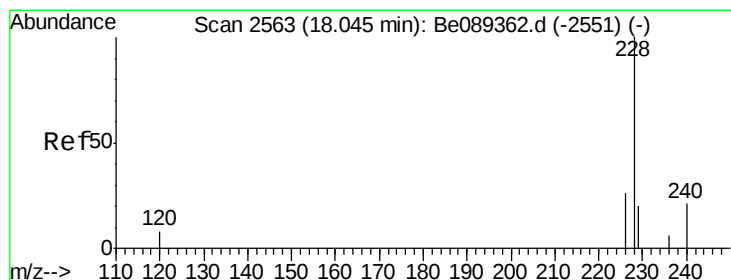
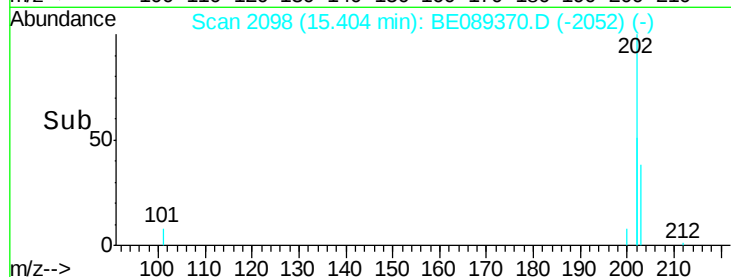
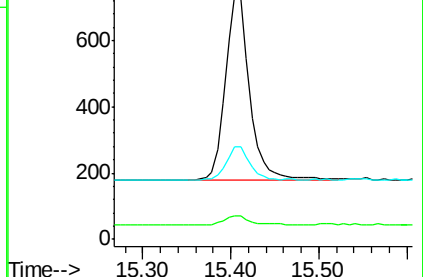
203 37.9 14.4 21.6#



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: 0.04 ng/u1

RT: 18.05 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

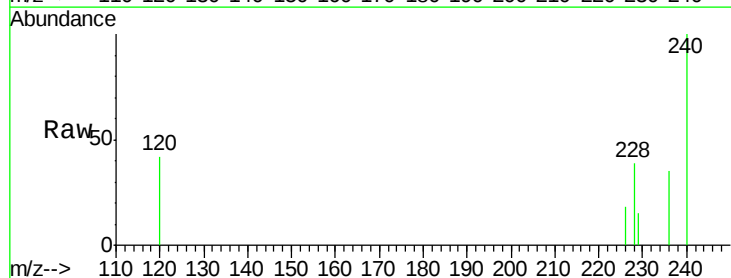
Tgt Ion:228 Resp: 253

Ion Ratio Lower Upper

228 100

226 45.8 21.9 32.9#

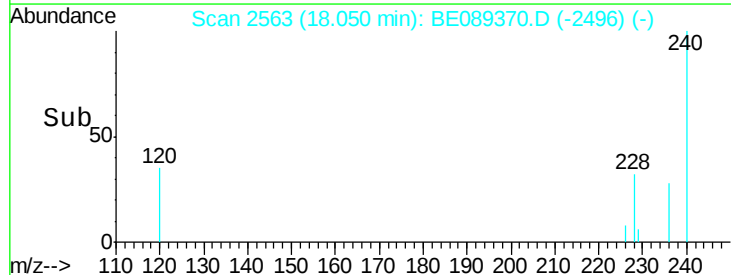
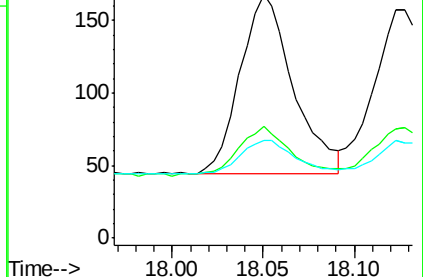
229 39.9 16.9 25.3#

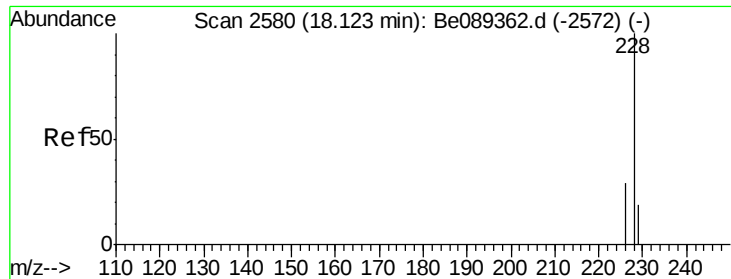


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.04 ng/ul

RT: 18.12 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

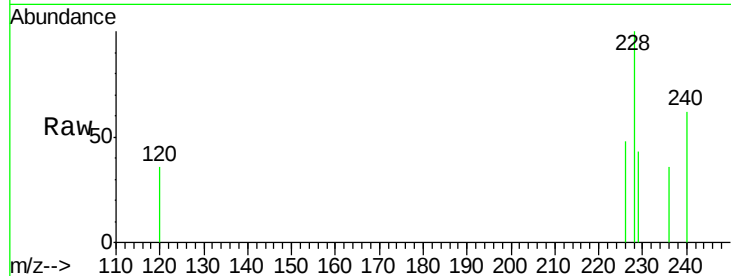
Tgt Ion:228 Resp: 272

Ion Ratio Lower Upper

228 100

226 47.8 23.9 35.9#

229 42.7 16.8 25.2#



Abundance Ion 228.00 (227.70 to 228.70): E

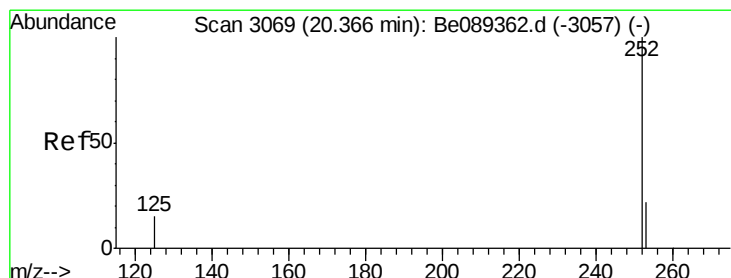
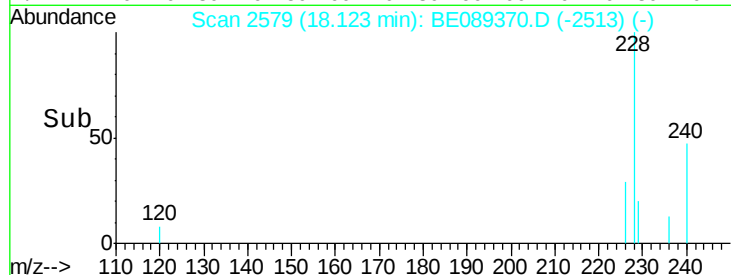
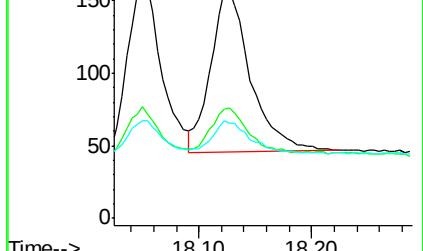
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

18.12

18.10

18.20



#23

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 20.37 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

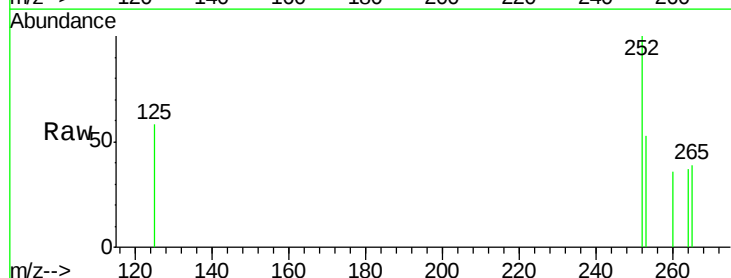
Tgt Ion:252 Resp: 166

Ion Ratio Lower Upper

252 100

253 52.5 0.0 47.8#

125 58.5 0.0 34.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

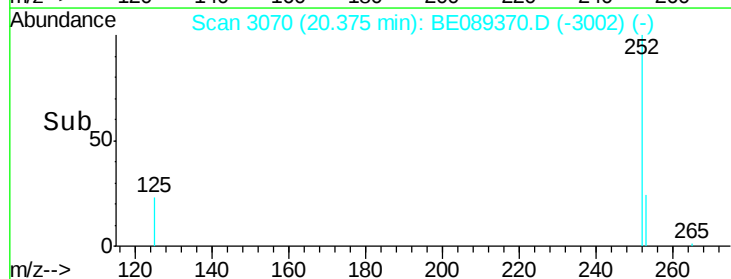
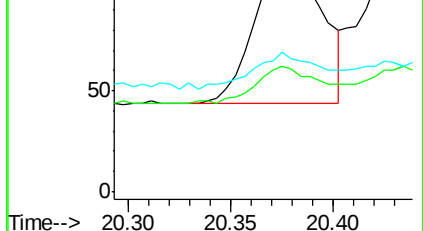
Ion 125.00 (124.70 to 125.70): E

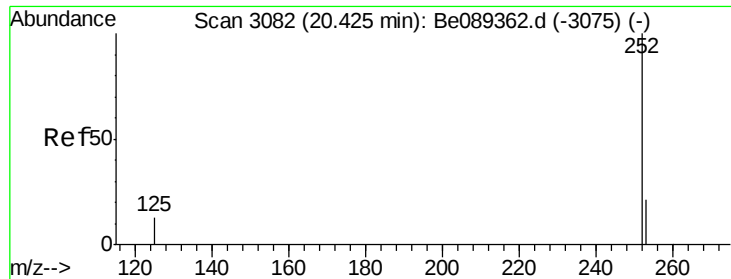
20.37

20.30

20.35

20.40





#24

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 20.43 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92

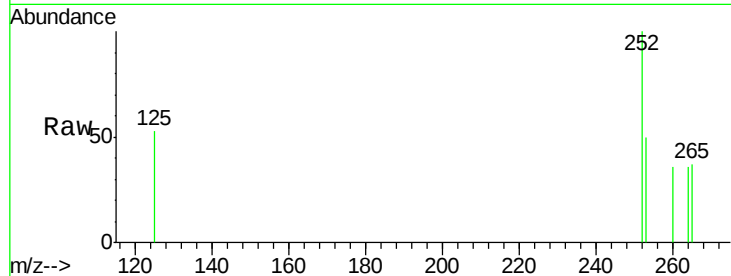
Tgt Ion:252 Resp: 250

Ion Ratio Lower Upper

252 100

253 49.6 19.0 28.6#

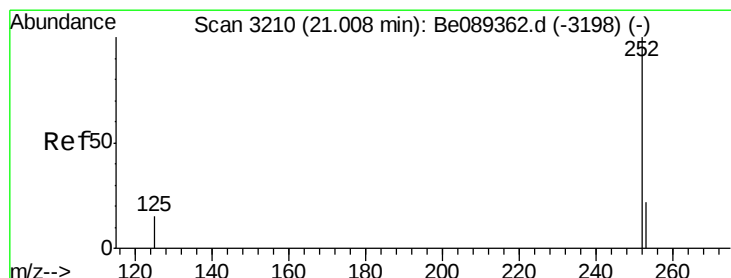
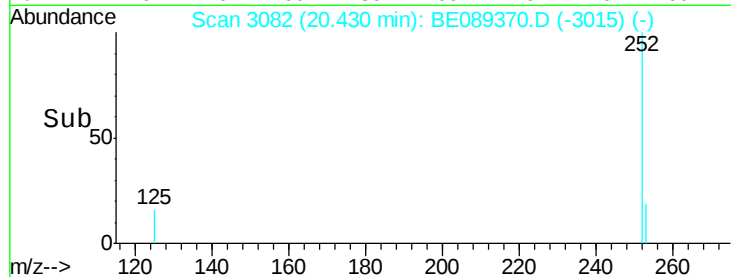
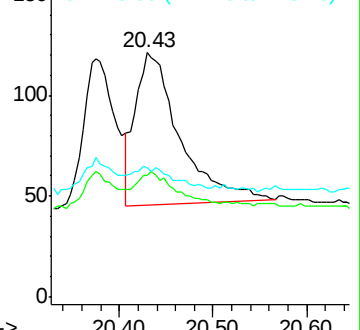
125 52.9 13.5 20.3#



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: 0.03 ng/ul

RT: 21.01 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

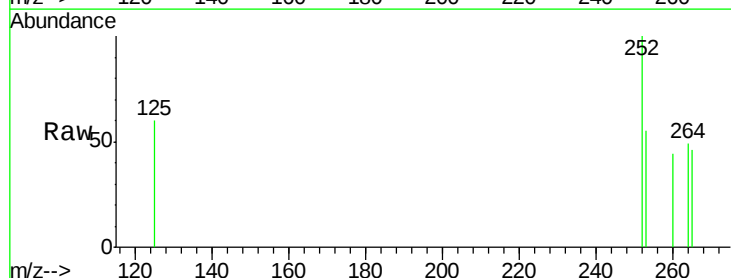
Tgt Ion:252 Resp: 171

Ion Ratio Lower Upper

252 100

253 55.4 19.7 29.5#

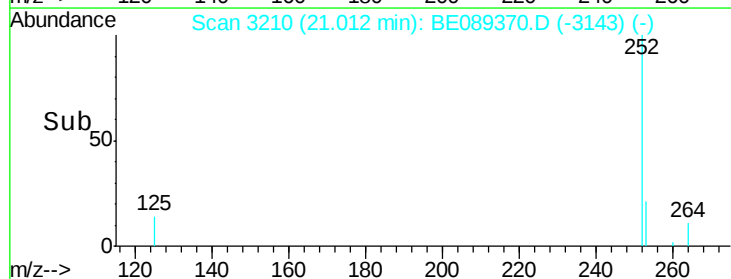
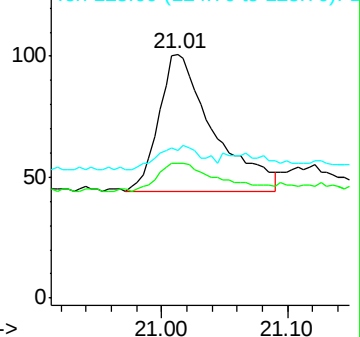
125 60.4 15.0 22.6#

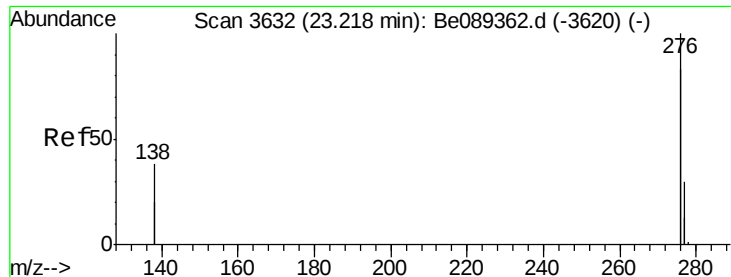


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.03 ng/ul

RT: 23.24 min Scan# 3633

Delta R.T. 0.02 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampled :

Y9R92

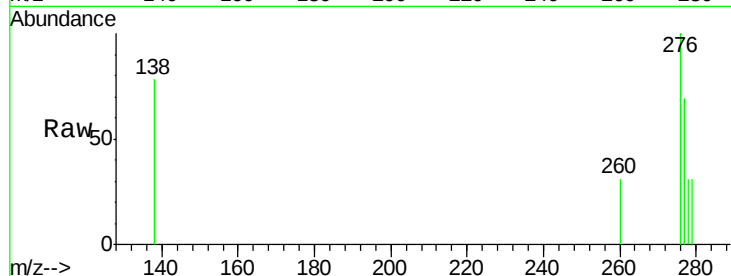
Tgt Ion:276 Resp: 462

Ion Ratio Lower Upper

276 100

138 29.9 23.8 35.8

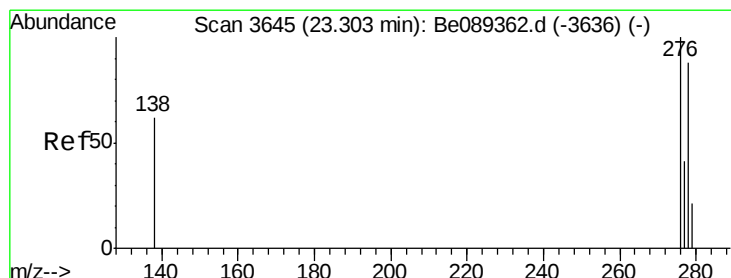
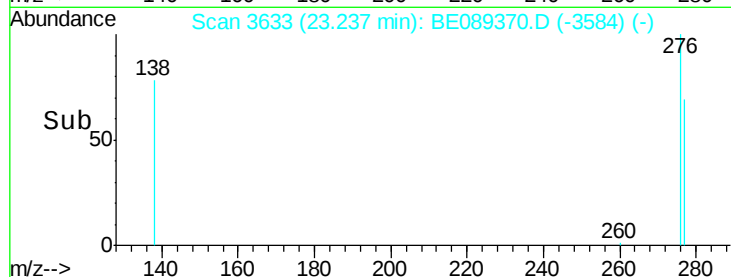
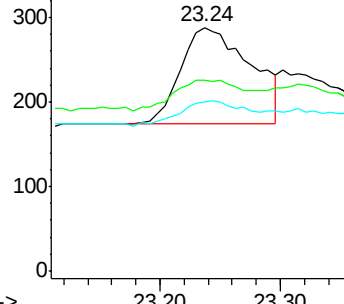
277 23.8 18.9 28.3



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: 0.03 ng/ul

RT: 23.31 min Scan# 3645

Delta R.T. 0.01 min

Lab File: BE089370.D

Acq: 8 Jan 2015 17:40

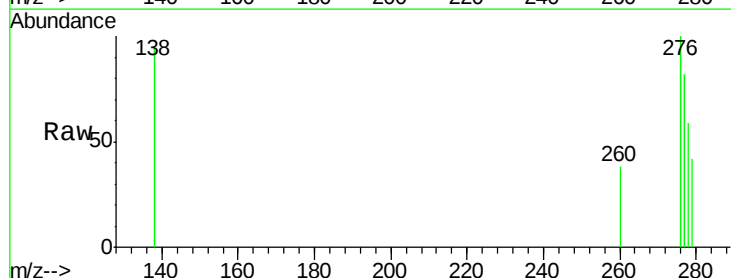
Tgt Ion:278 Resp: 160

Ion Ratio Lower Upper

278 100

139 0.0 0.0 0.0

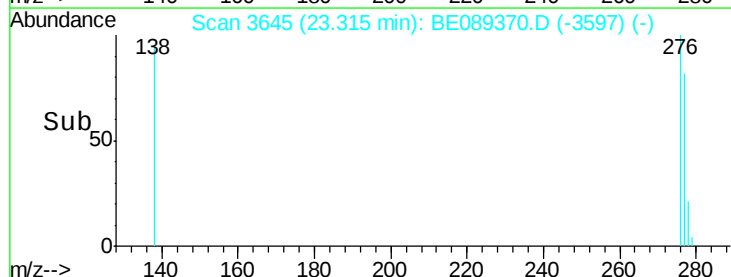
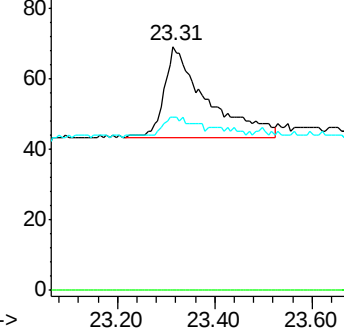
279 71.0 24.0 36.0#

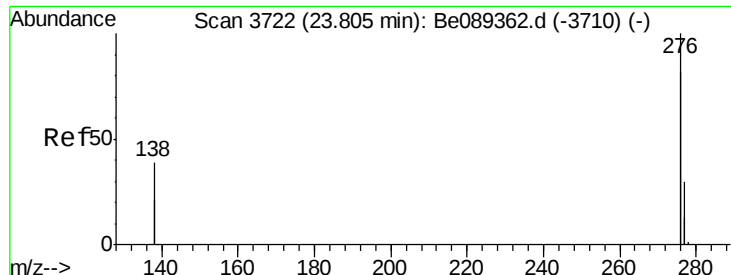


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.03 ng/ul

RT: 23.83 min Scan# 3724

Delta R.T. 0.03 min

Lab File: BE089370.D

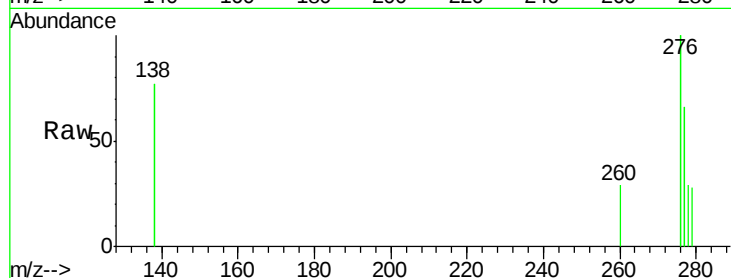
Acq: 8 Jan 2015 17:40

Instrument :

BNA_E

ClientSampleId :

Y9R92



Tgt Ion: 276 Resp: 772

Ion Ratio Lower Upper

276 100

277 66.2 22.3 33.5#

138 76.6 30.0 45.0#

