

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
 Data File : BE089603.D
 Acq On : 17 Feb 2015 21:02
 Operator : TP/IZ
 Sample : G1258-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1RE

Quant Time: Feb 18 14:39:37 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 14:11:34 2015
 Response via : Initial Calibration

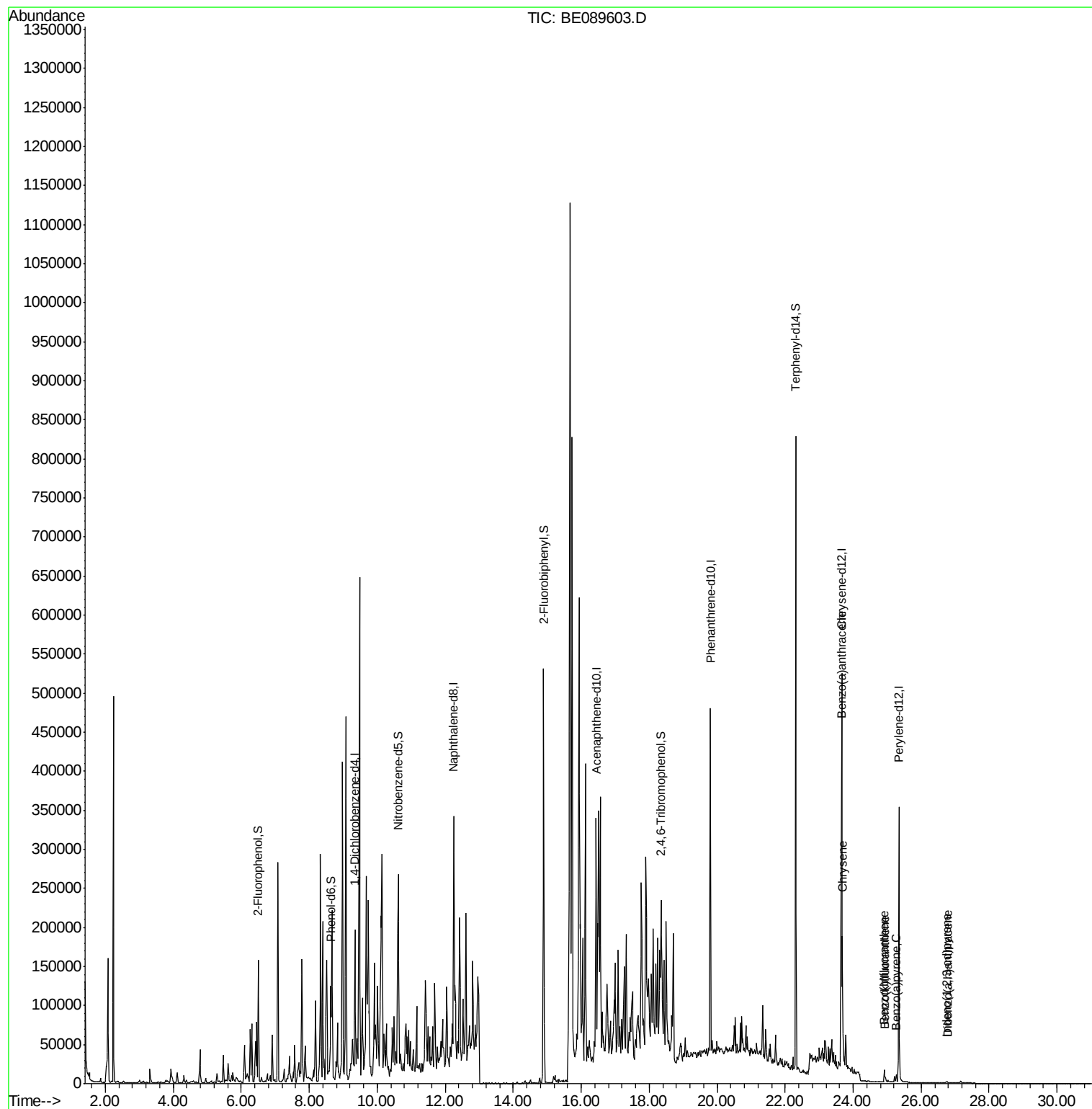
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.35	152	75655	5.00	ng	0.02
7) Naphthalene-d8	12.25	136	375479	5.00	ng	0.01
13) Acenaphthene-d10	16.44	164	191696	5.00	ng	0.02
17) Phenanthrene-d10	19.80	188	457217	5.00	ng	0.03
20) Chrysene-d12	23.66	240	324608	5.00	ng	0.00
27) Perylene-d12	25.34	264	292299	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	114336	5.81	ng	0.00
4) Phenol-d6	8.63	99	108351	4.18	ng	0.00
8) Nitrobenzene-d5	10.62	82	195783	9.42	ng	0.01
14) 2,4,6-Tribromophenol	18.35	330	95541	16.90	ng	0.03
15) 2-Fluorobiphenyl	14.90	172	494603	9.65	ng	0.02
22) Terphenyl-d14	22.31	244	620353	14.16	ng	0.00
Target Compounds						Qvalue
23) Benzo(a)anthracene	23.64	228	193609m	0.70	ng	
25) Chrysene	23.69	228	175734m	0.55	ng	
26) Indeno(1,2,3-cd)pyrene	26.75	276	3880	0.26	ng	# 96
28) Benzo(b)fluoranthene	24.92	252	17377	0.50	ng	# 91
29) Benzo(k)fluoranthene	24.94	252	9981m	0.18	ng	
30) Benzo(a)pyrene	25.27	252	10649	0.40	ng	# 89
31) Dibenzo(a,h)anthracene	26.77	278	2287	0.27	ng	# 71

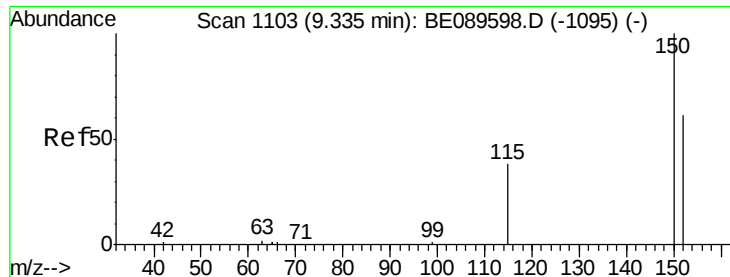
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.35 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE

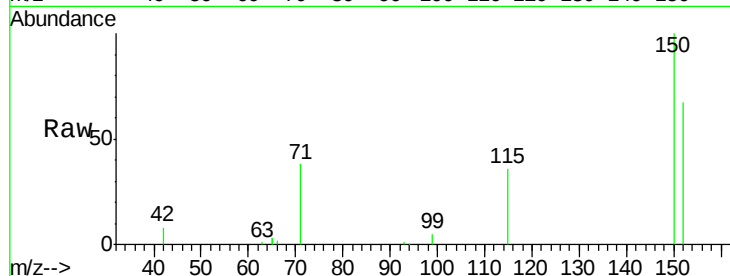
Tgt Ion:152 Resp: 75655

Ion Ratio Lower Upper

152 100

150 148.3 130.7 196.1

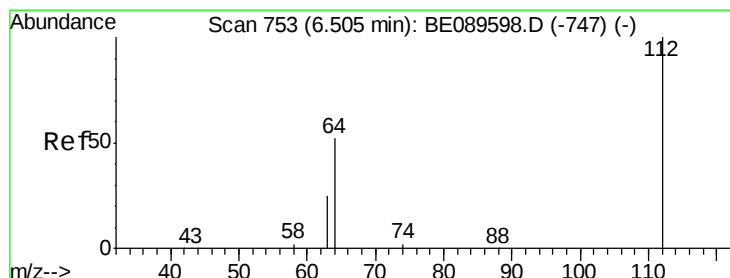
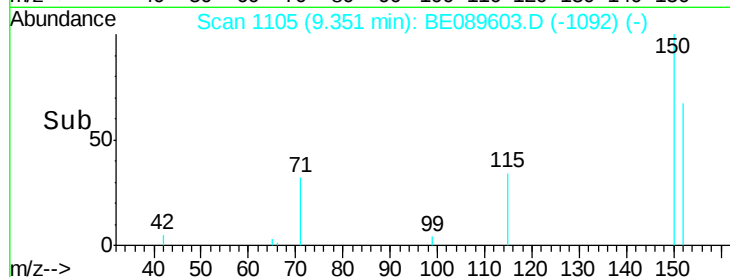
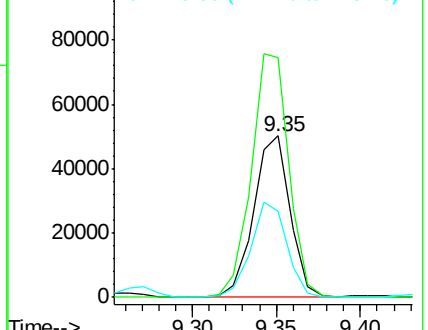
115 53.1 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

2-Fluorophenol

Concen: 5.81 ng

RT: 6.50 min Scan# 753

Delta R.T. -0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

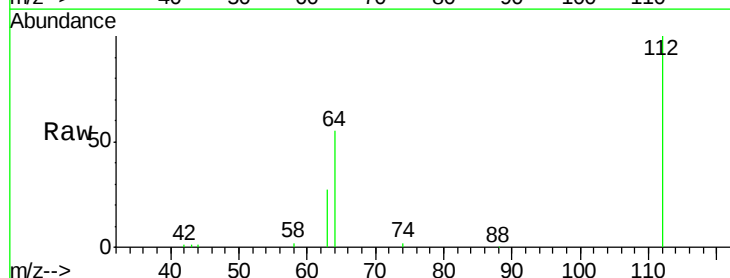
Tgt Ion:112 Resp: 114336

Ion Ratio Lower Upper

112 100

64 55.1 41.7 62.5

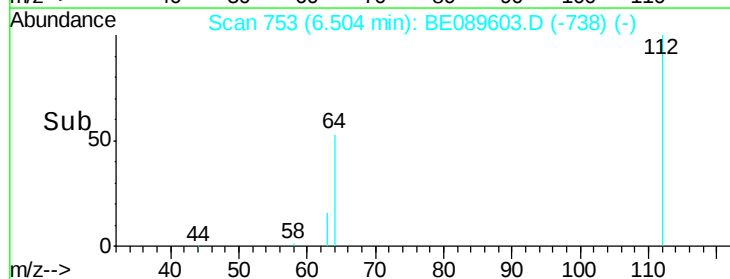
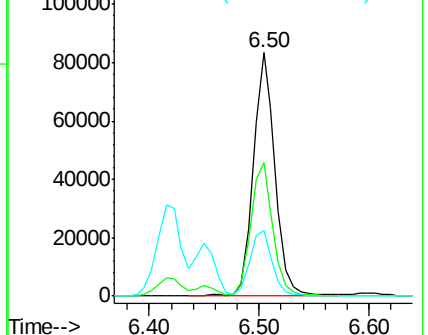
63 27.1 20.3 30.5

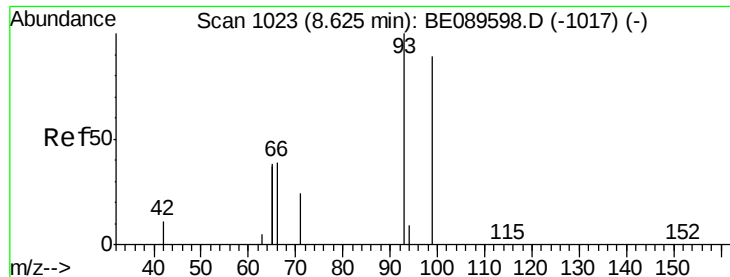


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 4.18 ng

RT: 8.63 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE

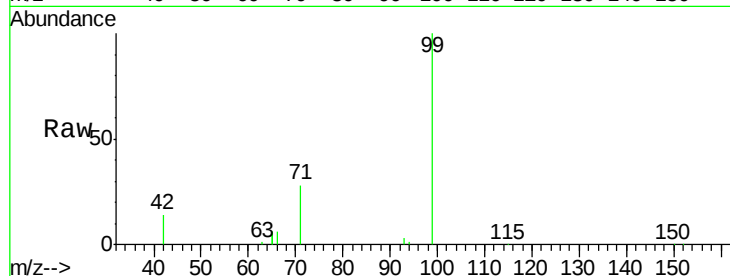
Tgt Ion: 99 Resp: 108351

Ion Ratio Lower Upper

99 100

42 14.2 10.8 16.2

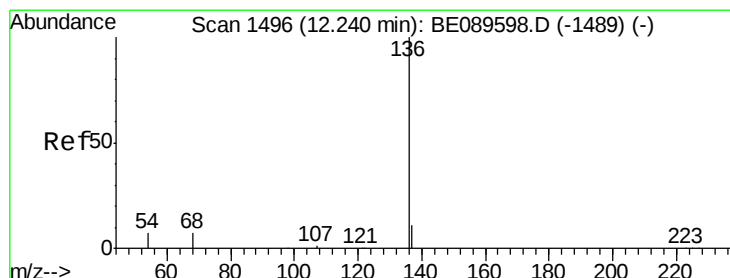
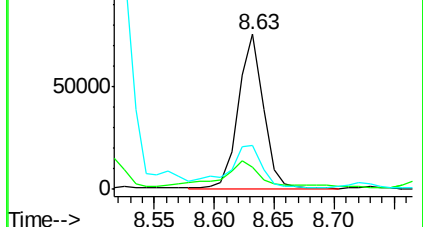
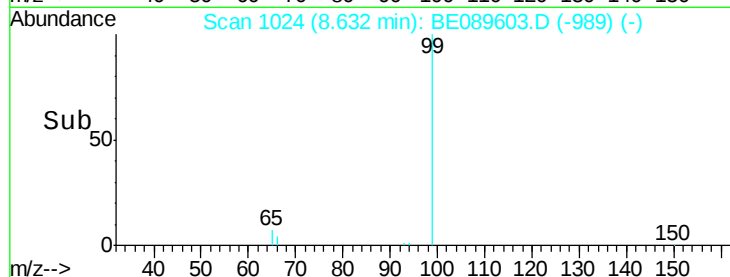
71 28.4 21.8 32.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.25 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

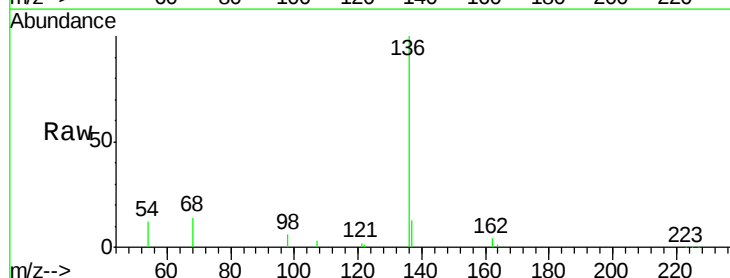
Tgt Ion: 136 Resp: 375479

Ion Ratio Lower Upper

136 100

137 12.9 8.8 13.2

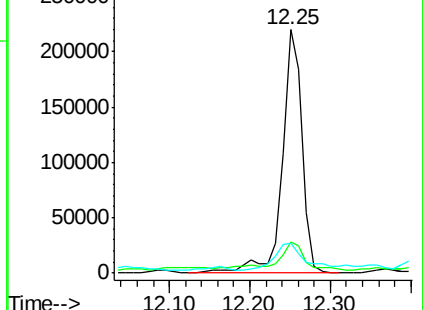
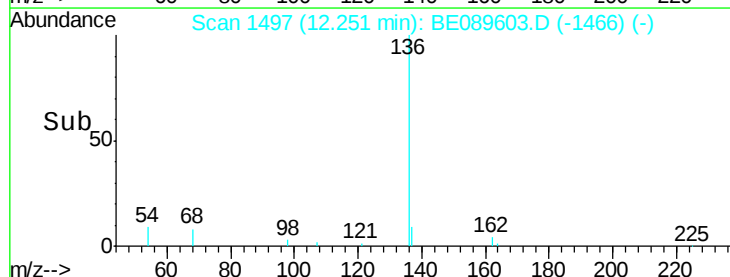
54 12.5 5.7 8.5#

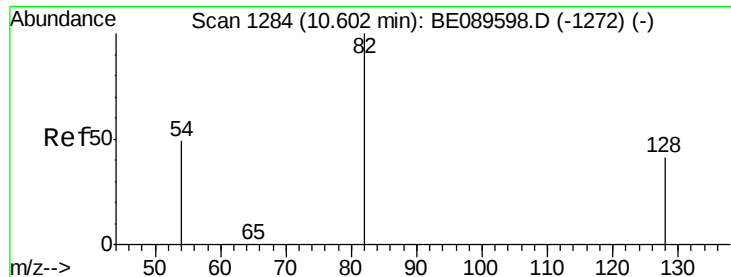


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene-d5

Concen: 9.42 ng

RT: 10.62 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE

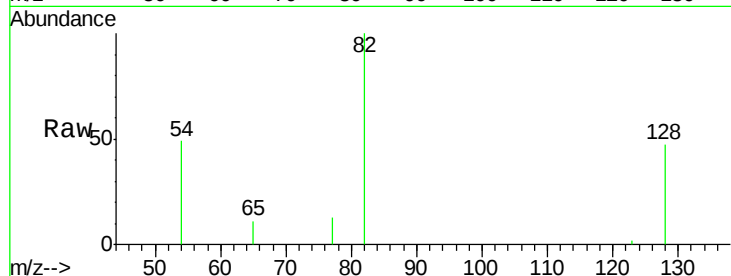
Tgt Ion: 82 Resp: 195783

Ion Ratio Lower Upper

82 100

128 46.8 33.2 49.8

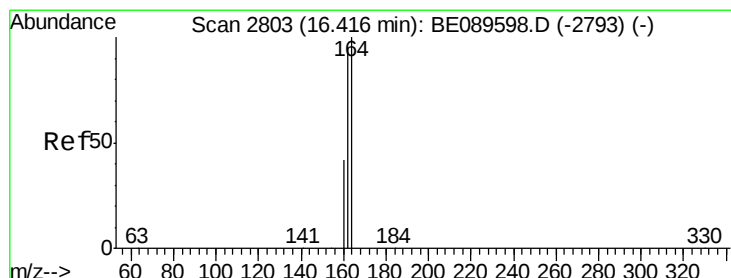
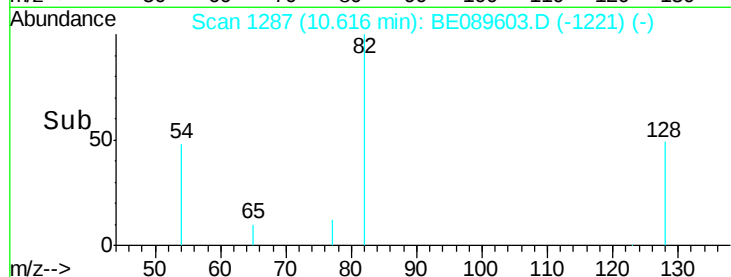
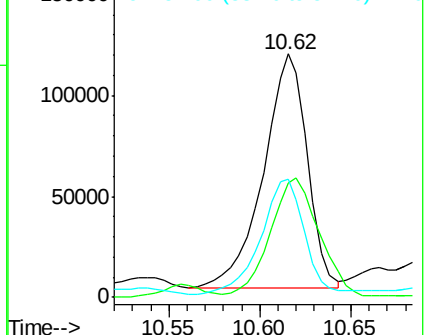
54 48.6 39.6 59.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.44 min Scan# 2805

Delta R.T. 0.02 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

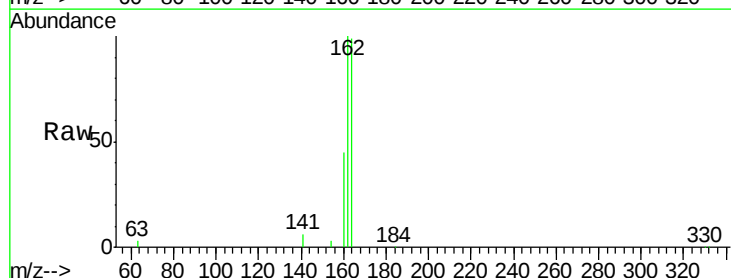
Tgt Ion: 164 Resp: 191696

Ion Ratio Lower Upper

164 100

162 101.0 76.3 114.5

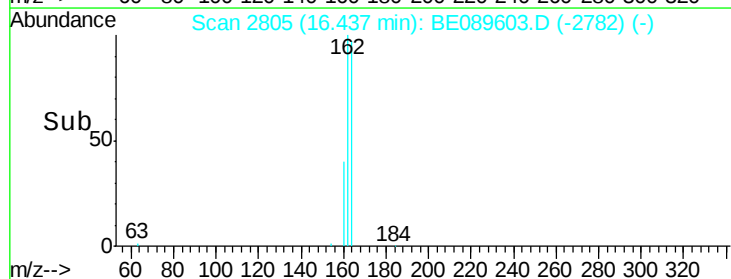
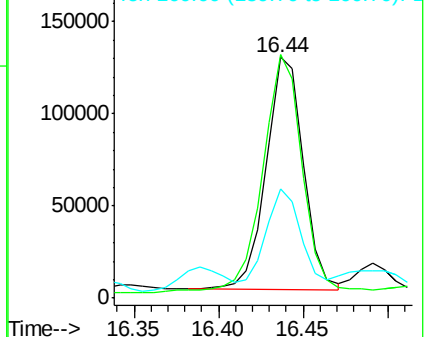
160 45.4 33.9 50.9

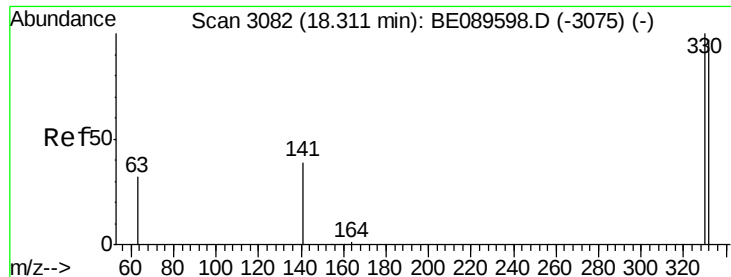


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

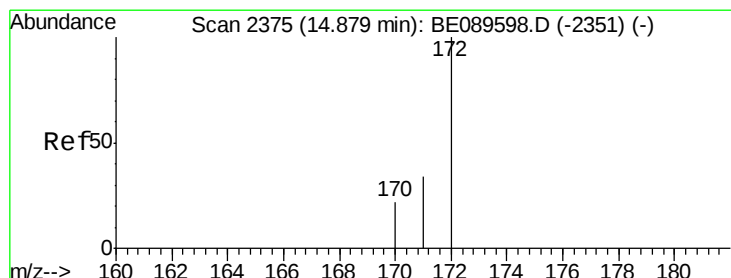
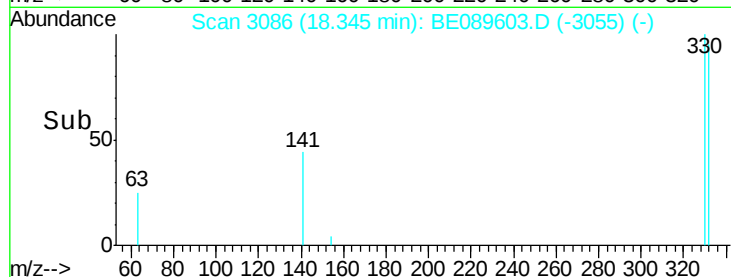
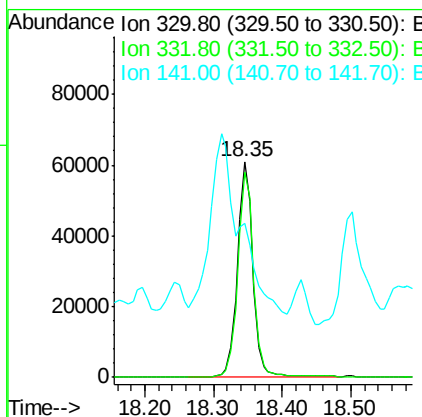
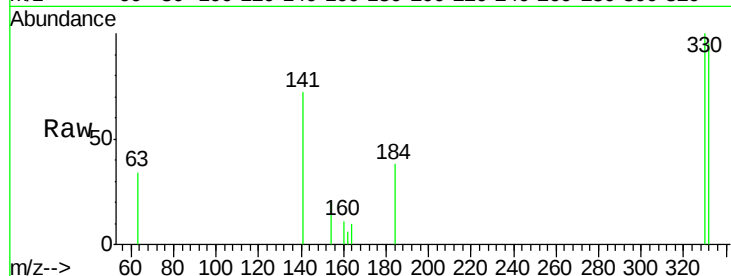




#14
 2,4,6-Tribromophenol
 Concen: 16.90 ng
 RT: 18.35 min Scan# 3086
 Delta R.T. 0.03 min
 Lab File: BE089603.D
 Acq: 17 Feb 2015 21:02

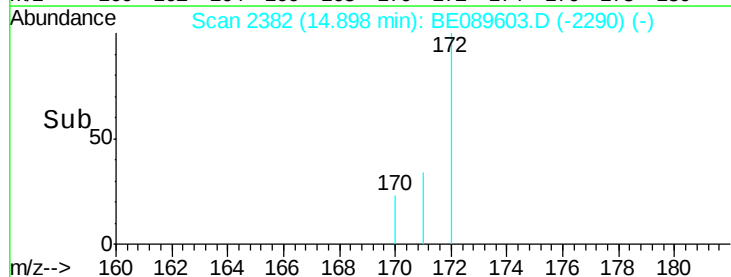
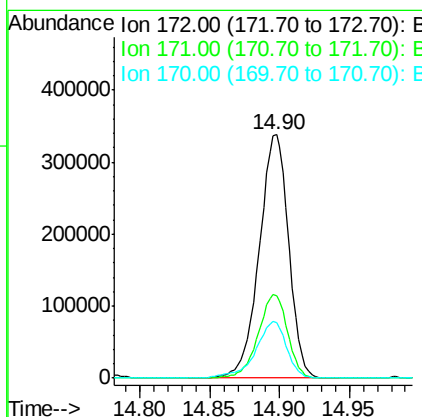
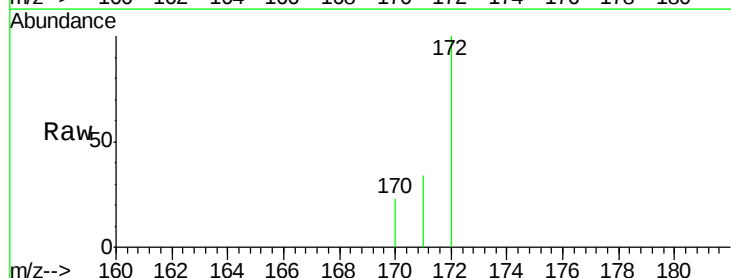
Instrument :
 BNA_E
 ClientSampleId :
 MW-1RE

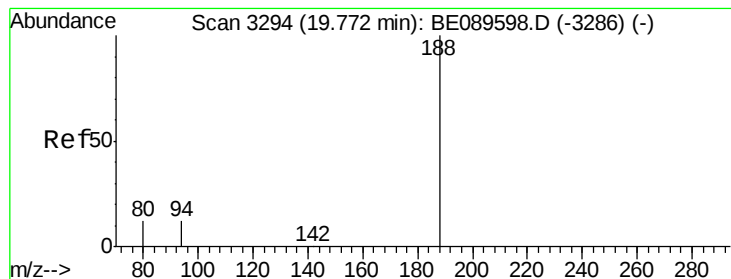
Tgt Ion:330 Resp: 95541
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 0.0 30.1 45.1#



#15
 2-Fluorobiphenyl
 Concen: 9.65 ng
 RT: 14.90 min Scan# 2382
 Delta R.T. 0.02 min
 Lab File: BE089603.D
 Acq: 17 Feb 2015 21:02

Tgt Ion:172 Resp: 494603
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.4 41.0
 170 22.6 17.9 26.9





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.80 min Scan# 3297

Delta R.T. 0.03 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE

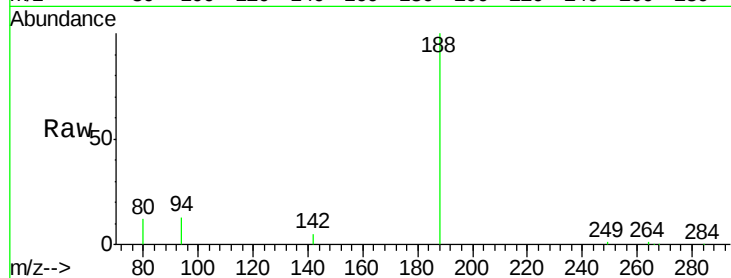
Tgt Ion:188 Resp: 457217

Ion Ratio Lower Upper

188 100

94 12.9 9.4 14.2

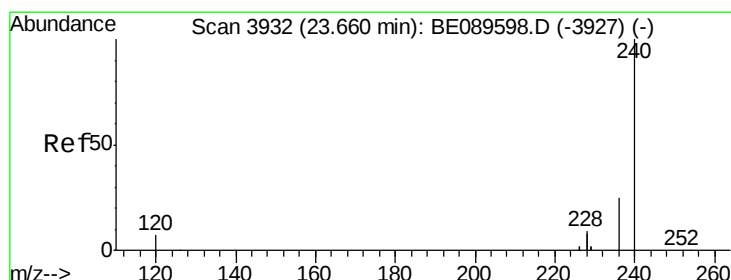
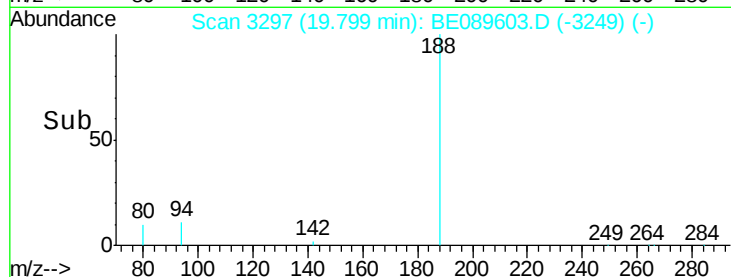
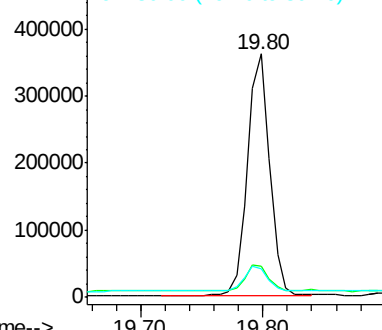
80 11.9 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.66 min Scan# 3931

Delta R.T. 0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

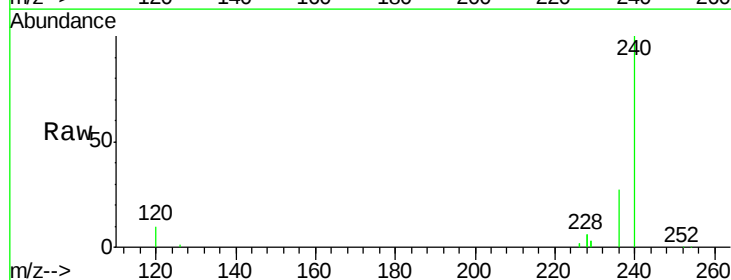
Tgt Ion:240 Resp: 324608

Ion Ratio Lower Upper

240 100

120 10.5 5.4 8.0#

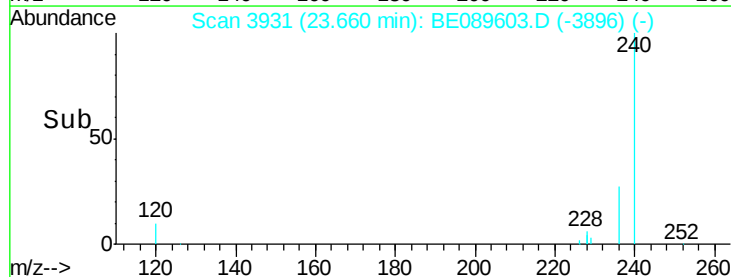
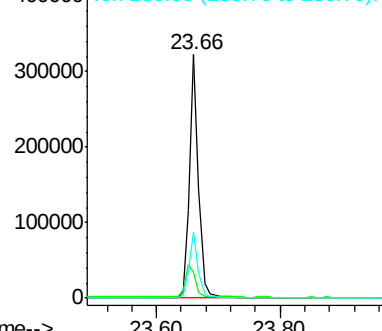
236 27.2 19.8 29.6

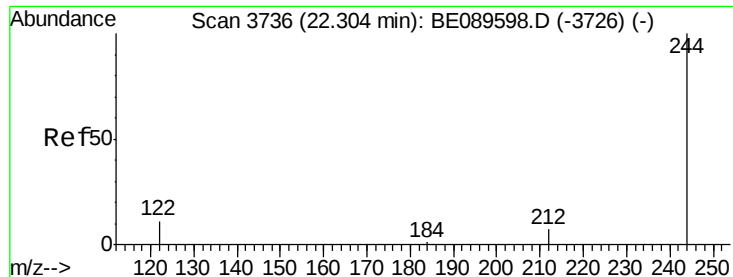


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#22

Terphenyl-d14

Concen: 14.16 ng

RT: 22.31 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

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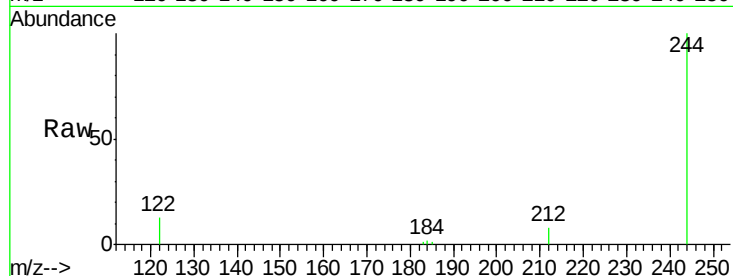
Tgt Ion:244 Resp: 620353

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

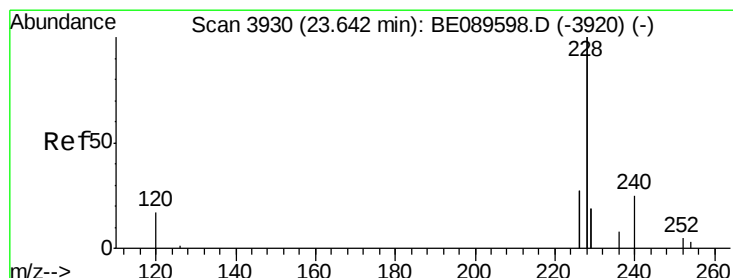
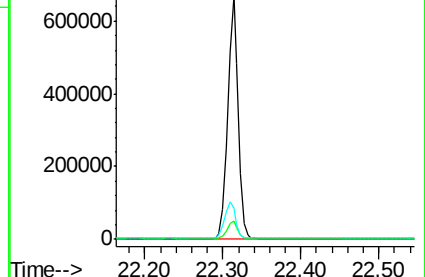
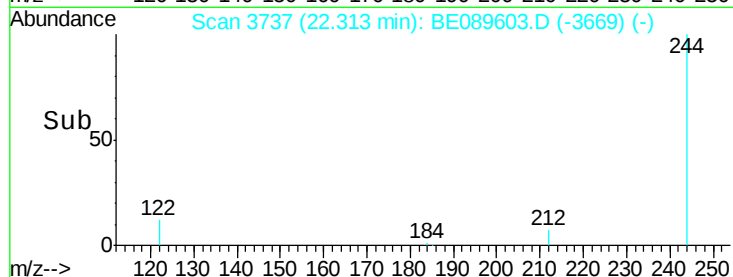
122 12.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#23

Benzo(a)anthracene

Concen: 0.70 ng m

RT: 23.64 min Scan# 3929

Delta R.T. 0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

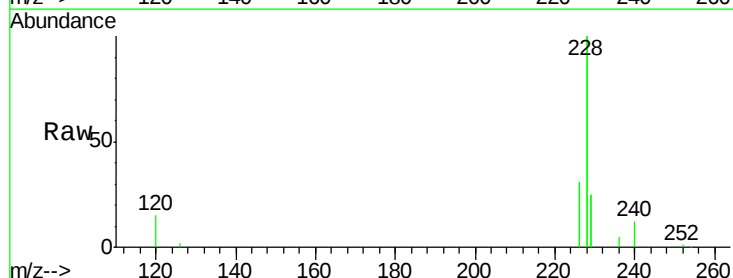
Tgt Ion:228 Resp: 193609

Ion Ratio Lower Upper

228 100

226 31.3 21.5 32.3

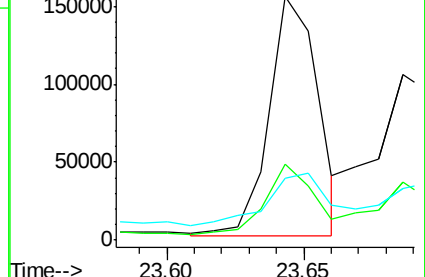
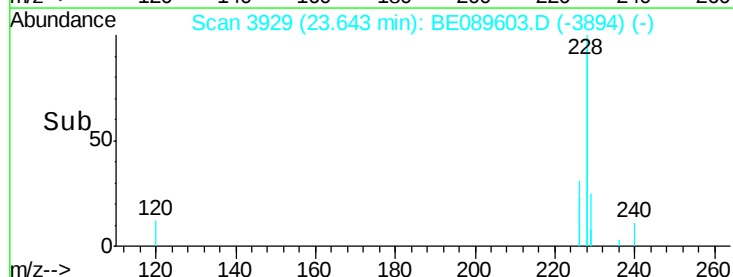
229 25.4 15.0 22.6#

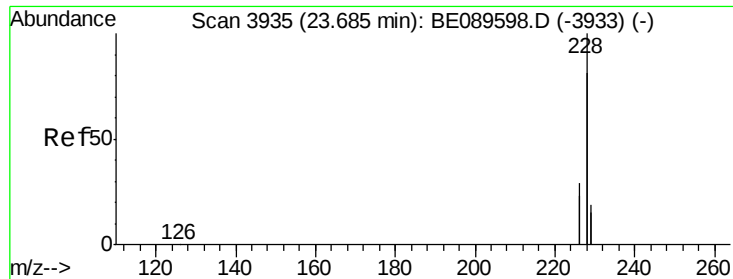


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#25

Chrysene

Concen: 0.55 ng m

RT: 23.69 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

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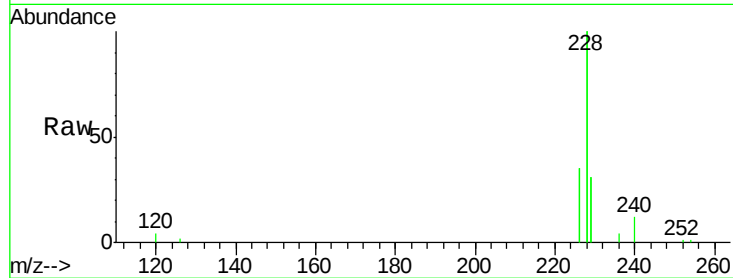
Tgt Ion:228 Resp: 175734

Ion Ratio Lower Upper

228 100

226 34.8 23.4 35.2

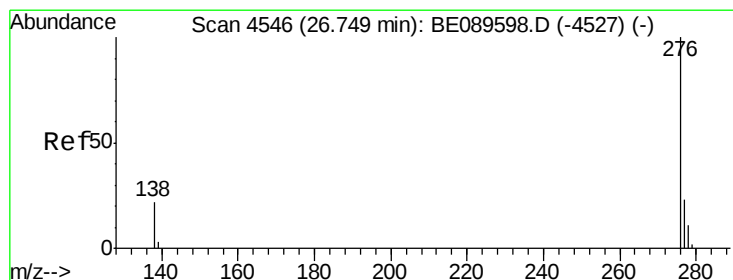
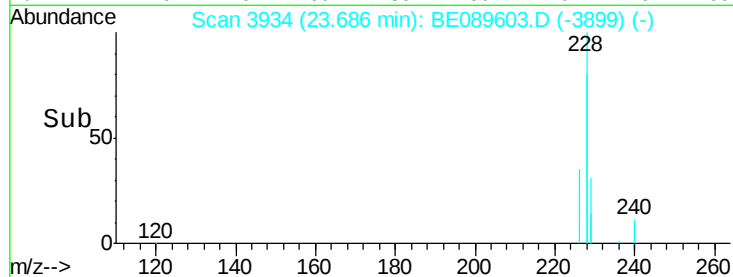
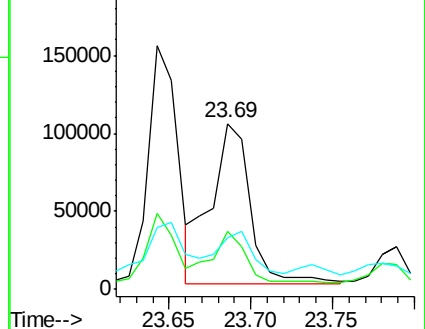
229 31.3 15.3 22.9#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng

RT: 26.75 min Scan# 4545

Delta R.T. -0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

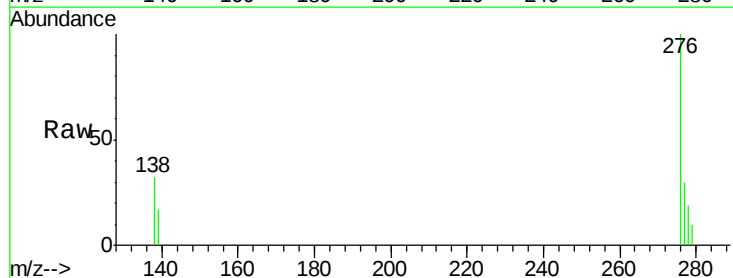
Tgt Ion:276 Resp: 3880

Ion Ratio Lower Upper

276 100

138 24.8 0.0 0.0#

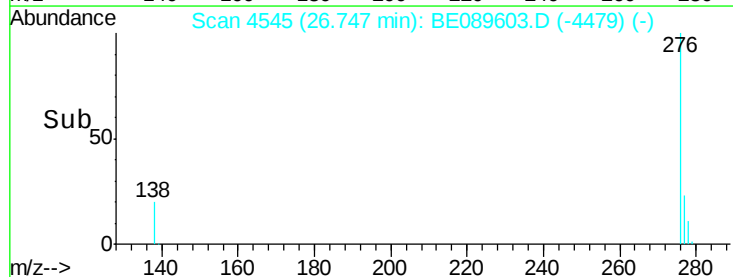
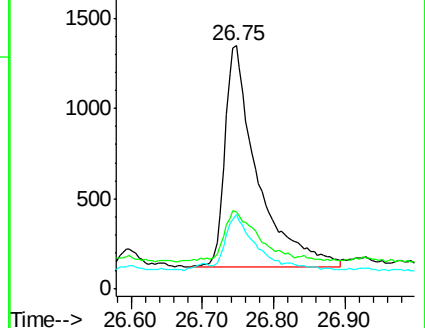
277 22.7 19.9 29.9

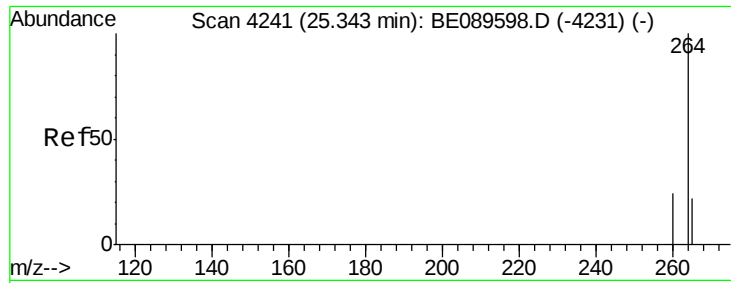


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

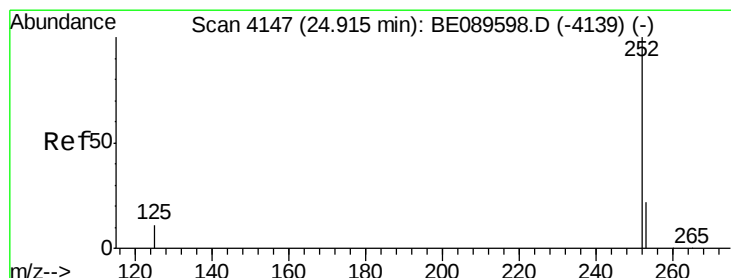
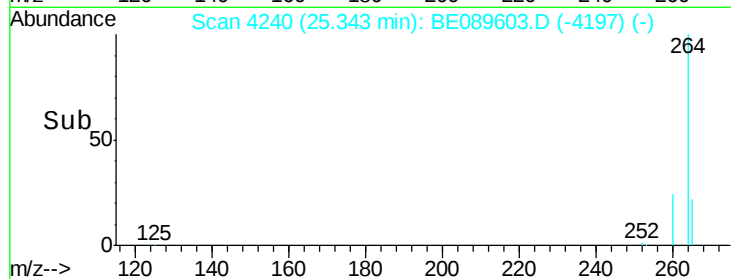
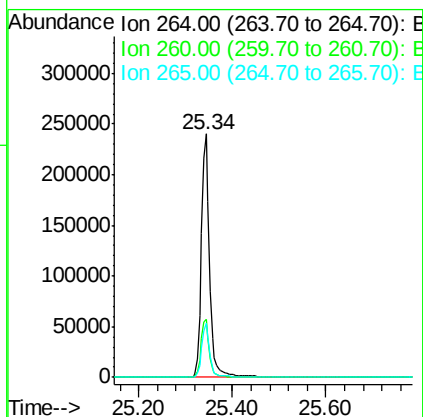
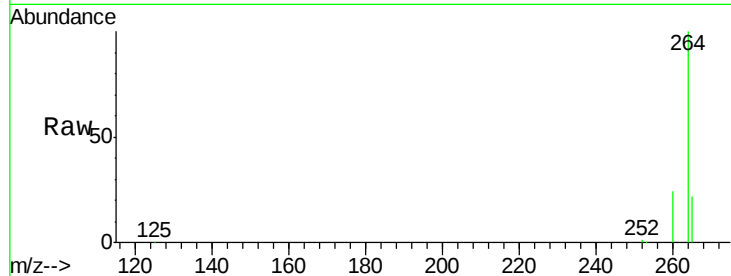




#27
Perylene-d12
 Concen: 5.00 ng
 RT: 25.34 min Scan# 4240
 Delta R.T. 0.00 min
 Lab File: BE089603.D
 Acq: 17 Feb 2015 21:02

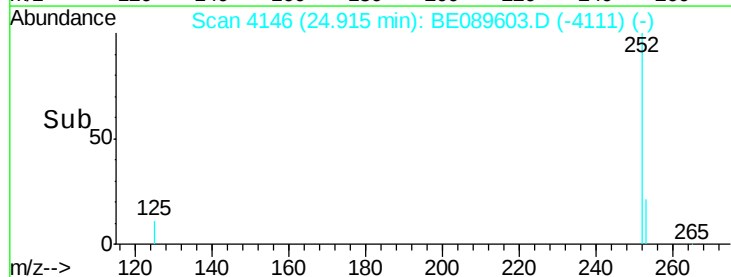
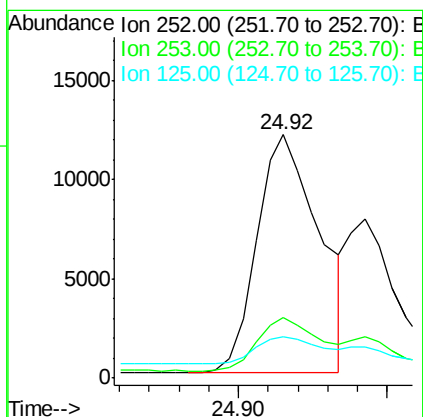
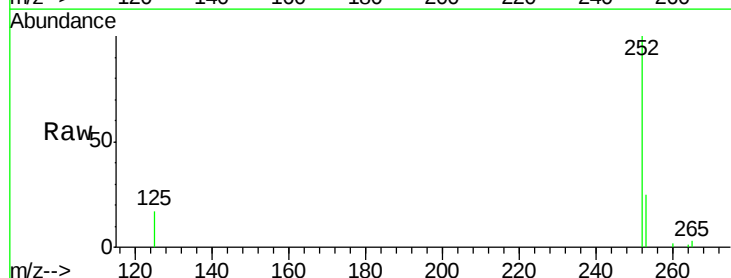
Instrument :
 BNA_E
 ClientSampleId :
 MW-1RE

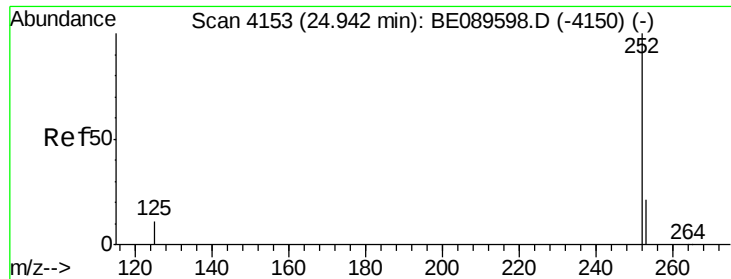
Tgt Ion:264 Resp: 292299
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.2 17.8 26.8



#28
Benzo(b)fluoranthene
 Concen: 0.50 ng
 RT: 24.92 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BE089603.D
 Acq: 17 Feb 2015 21:02

Tgt Ion:252 Resp: 17377
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.8 26.8
 125 17.0 8.9 13.3#





#29

Benzo(k)fluoranthene

Concen: 0.18 ng m

RT: 24.94 min Scan# 4152

Delta R.T. 0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE

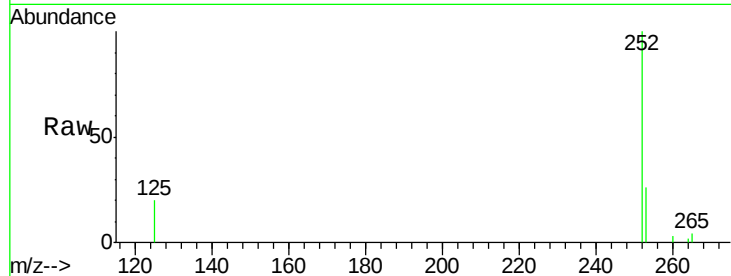
Tgt Ion:252 Resp: 9981

Ion Ratio Lower Upper

252 100

253 26.4 17.3 25.9#

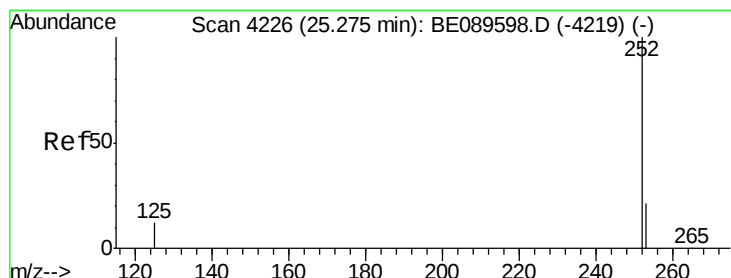
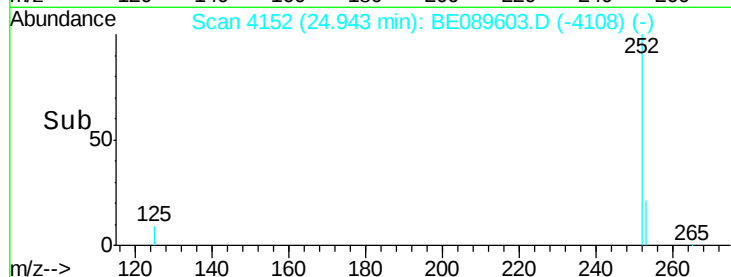
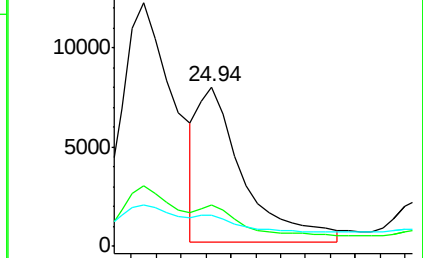
125 19.6 8.9 13.3#



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



#30

Benzo(a)pyrene

Concen: 0.40 ng

RT: 25.27 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BE089603.D

Acq: 17 Feb 2015 21:02

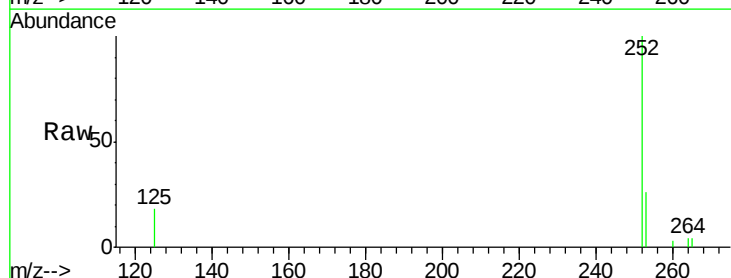
Tgt Ion:252 Resp: 10649

Ion Ratio Lower Upper

252 100

253 25.6 17.1 25.7

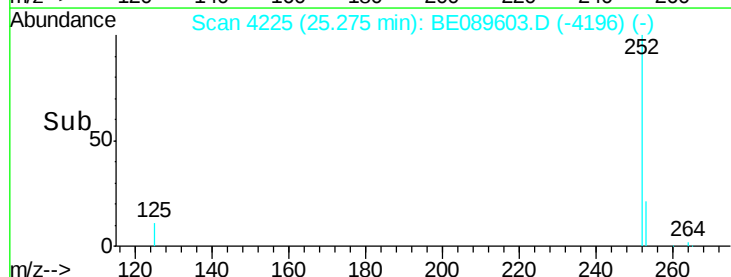
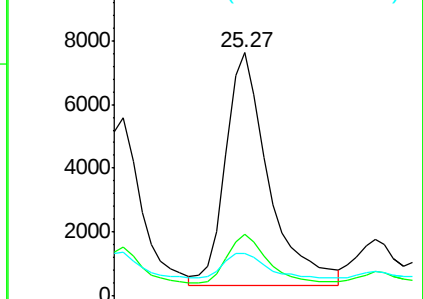
125 17.6 9.8 14.8#

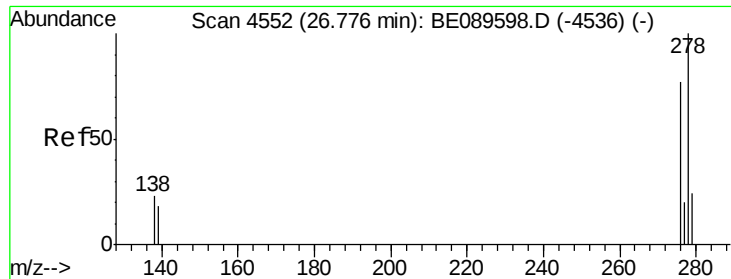


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Dibenzo(a,h)anthracene

Concen: 0.27 ng

RT: 26.77 min Scan# 4551

Delta R.T. -0.00 min

Lab File: BE089603.D

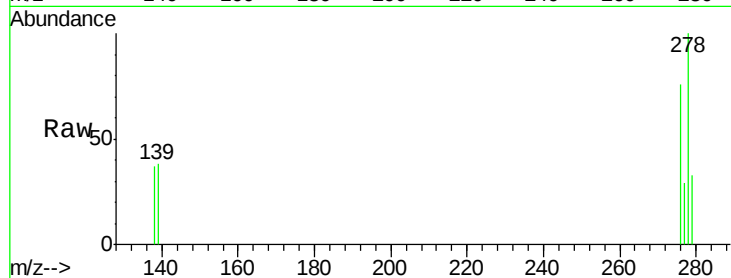
Acq: 17 Feb 2015 21:02

Instrument :

BNA_E

ClientSampleId :

MW-1RE



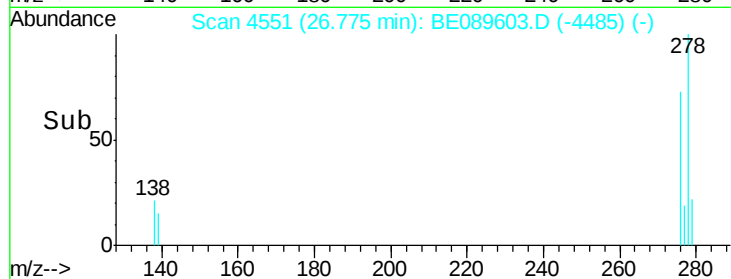
Tgt Ion: 278 Resp: 2287

Ion Ratio Lower Upper

278 100

139 37.8 14.6 21.8#

279 33.1 19.4 29.0#



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

