

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089948.D
 Acq On : 26 Jun 2015 18:23
 Operator : TP/IZ
 Sample : G2782-31MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MS

Quant Time: Jun 27 01:00:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26289	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	119908	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	70208	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	162823	5.00	ng	0.00
25) Chrysene-d12	21.13	240	196925	5.00	ng	0.00
32) Perylene-d12	23.46	264	177036	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	51833	10.92	ng	0.00
5) Phenol-d6	6.81	99	85527	11.76	ng	0.00
7) Nitrobenzene-d5	8.77	82	65777	7.37	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	13670	10.92	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	147641	7.22	ng	0.00
27) Terphenyl-d14	19.60	244	227525	6.69	ng	0.00

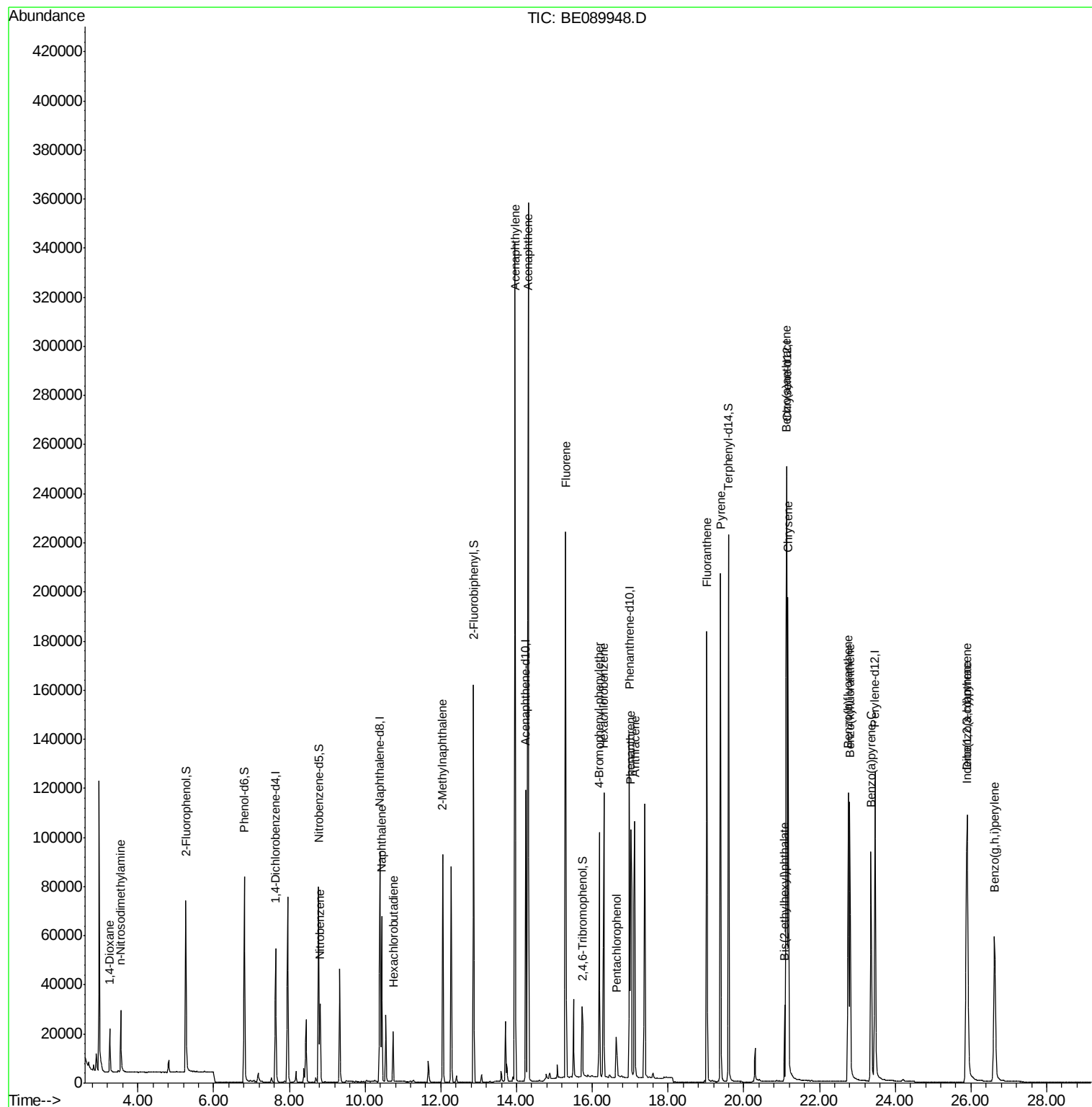
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	10164	3.23	ng	99
3) n-Nitrosodimethylamine	3.55	42	15496	3.28	ng	99
8) Nitrobenzene	8.81	77	34757	3.66	ng	97
9) Naphthalene	10.44	128	90312	3.39	ng	99
10) Hexachlorobutadiene	10.74	225	14118	3.35	ng	99
11) 2-Methylnaphthalene	12.05	142	62836	3.44	ng	99
15) Acenaphthylene	13.96	152	429448	3.49	ng	100
16) Acenaphthene	14.30	154	62942	3.48	ng	98
17) Fluorene	15.29	166	85786	3.79	ng	98
19) 4-Bromophenyl-phenylether	16.18	248	23992	3.61	ng	94
20) Hexachlorobenzene	16.30	284	104640	3.59	ng	98
21) Pentachlorophenol	16.63	266	8807	5.65	ng	90
22) Phenanthrene	17.01	178	141370	3.46	ng	100
23) Anthracene	17.12	178	140937	3.72	ng	99
24) Fluoranthene	19.02	202	164835	3.72	ng	100
26) Pyrene	19.38	202	177956	3.57	ng	99
28) Benzo(a)anthracene	21.12	228	174446	3.71	ng	98
29) Chrysene	21.17	228	179172	3.48	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	25256	6.30	ng	100
31) Indeno(1,2,3-cd)pyrene	25.88	276	159812	4.23	ng	# 100
33) Benzo(b)fluoranthene	22.75	252	149338	3.99	ng	99
34) Benzo(k)fluoranthene	22.80	252	164163	3.87	ng	99
35) Benzo(a)pyrene	23.36	252	141026	4.24	ng	99
36) Dibenzo(a,h)anthracene	25.90	278	130079	4.20	ng	99
37) Benzo(g,h,i)perylene	26.62	276	136135	4.09	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

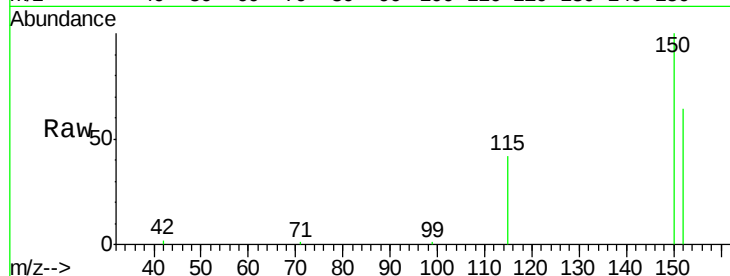
Tgt Ion:152 Resp: 26289

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

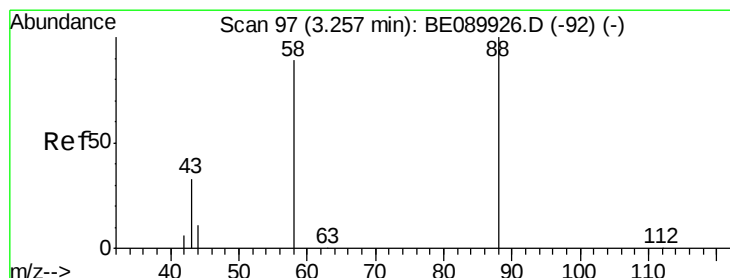
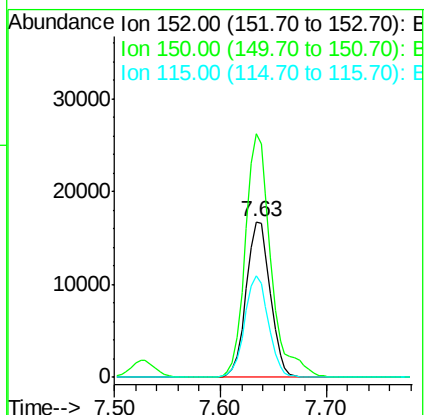
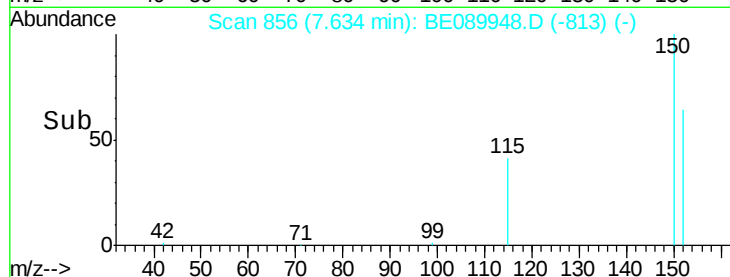
115 65.1 51.6 77.4



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



#2

1,4-Dioxane

Concen: 3.23 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

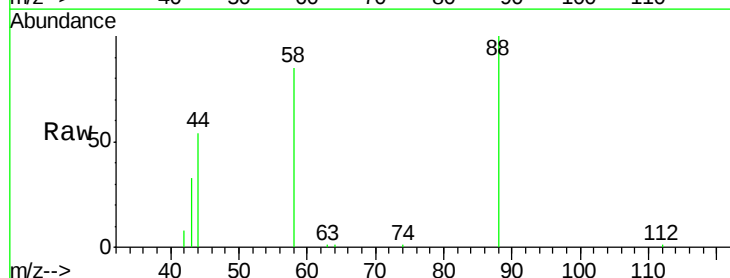
Tgt Ion: 88 Resp: 10164

Ion Ratio Lower Upper

88 100

58 87.8 70.8 106.2

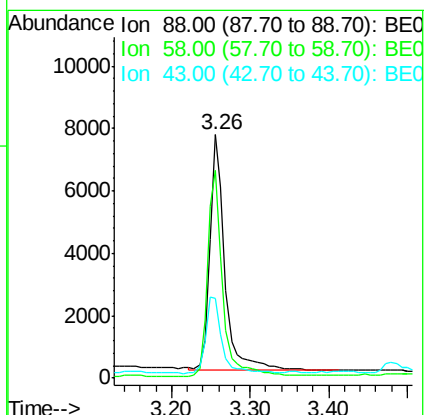
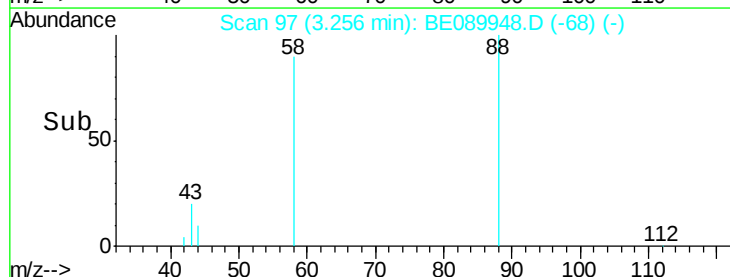
43 35.0 26.8 40.2

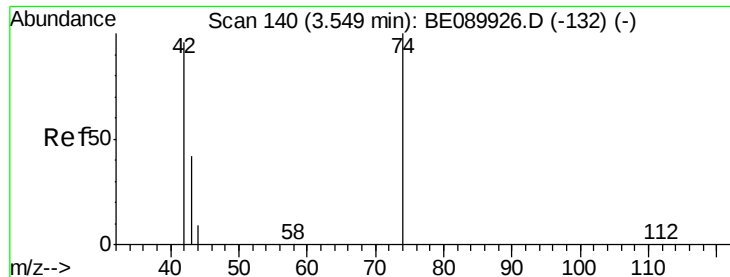


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.28 ng

RT: 3.55 min Scan# 140

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

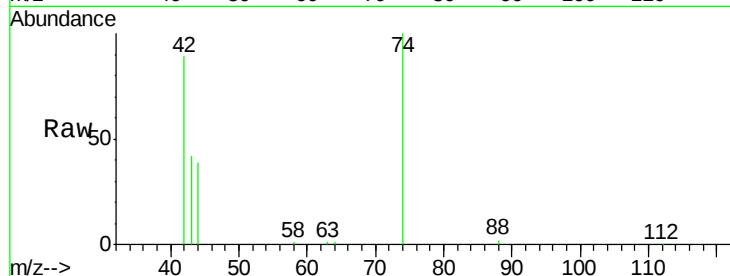
Tgt Ion: 42 Resp: 15496

Ion Ratio Lower Upper

42 100

74 107.3 85.4 128.2

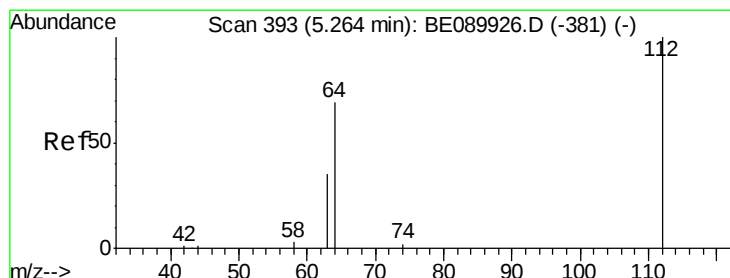
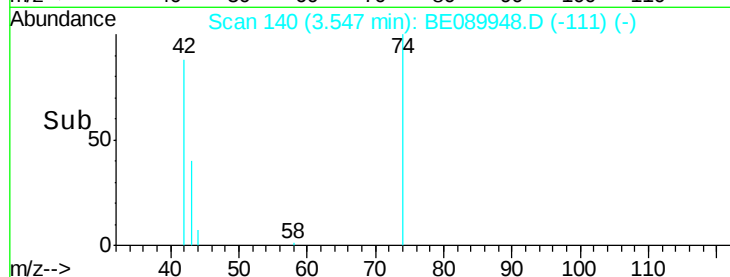
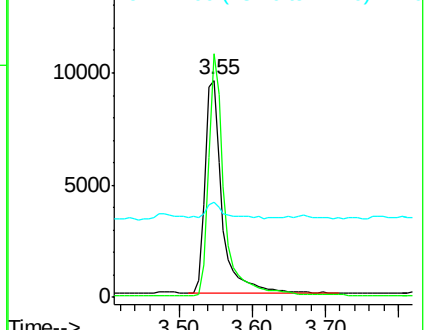
44 8.8 8.4 12.6



Abundance Ion 42.00 (41.70 to 42.70): BE089948.D (-111) (-)

Ion 74.00 (73.70 to 74.70): BE089948.D (-111) (-)

Ion 44.00 (43.70 to 44.70): BE089948.D (-111) (-)



#4

2-Fluorophenol

Concen: 10.92 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

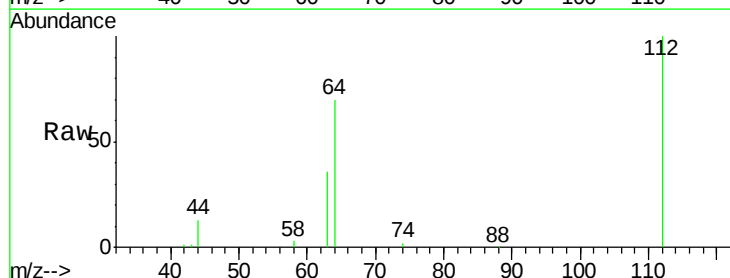
Tgt Ion: 112 Resp: 51833

Ion Ratio Lower Upper

112 100

64 72.2 57.4 86.2

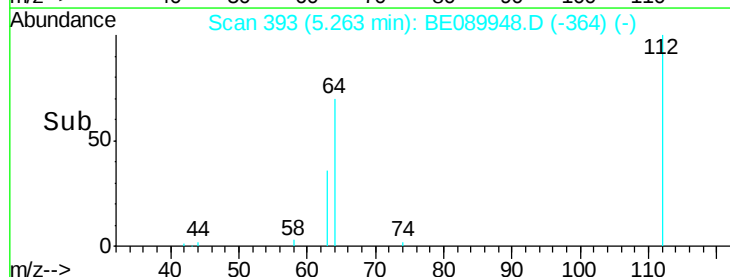
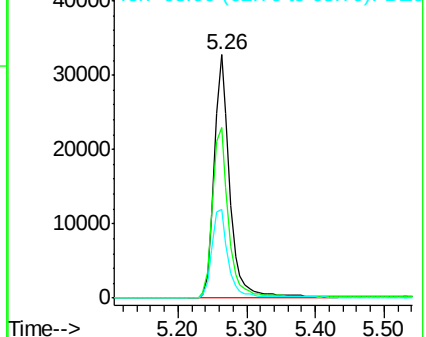
63 38.3 31.2 46.8

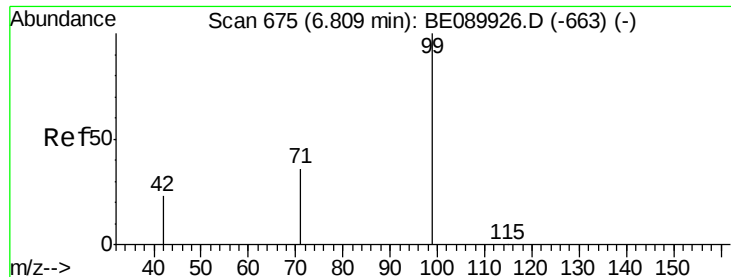


Abundance Ion 112.00 (111.70 to 112.70): BE089948.D (-364) (-)

Ion 64.00 (63.70 to 64.70): BE089948.D (-364) (-)

Ion 63.00 (62.70 to 63.70): BE089948.D (-364) (-)





#5

Phenol-d6

Concen: 11.76 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

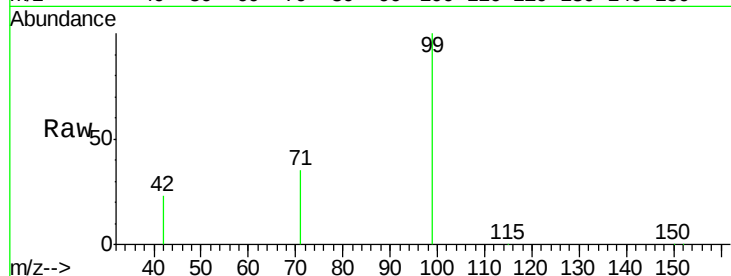
Tgt Ion: 99 Resp: 85527

Ion Ratio Lower Upper

99 100

42 23.1 19.5 29.3

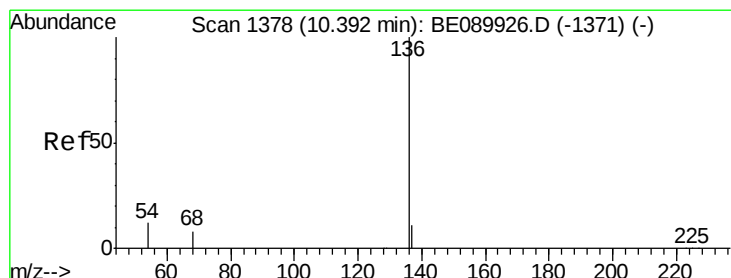
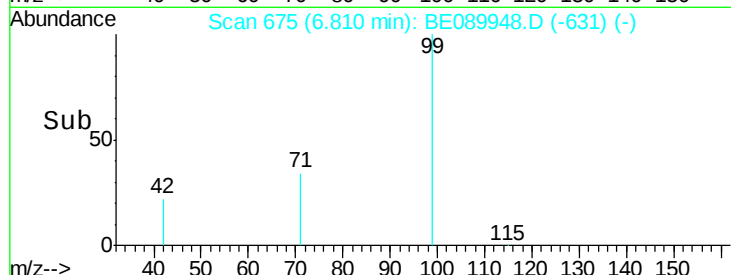
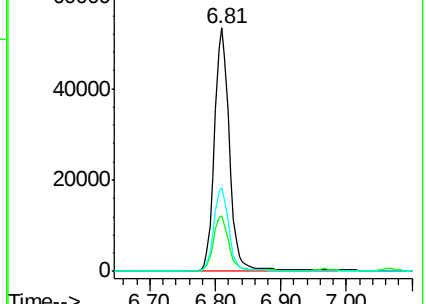
71 34.5 27.8 41.6



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Tgt Ion: 136 Resp: 119908

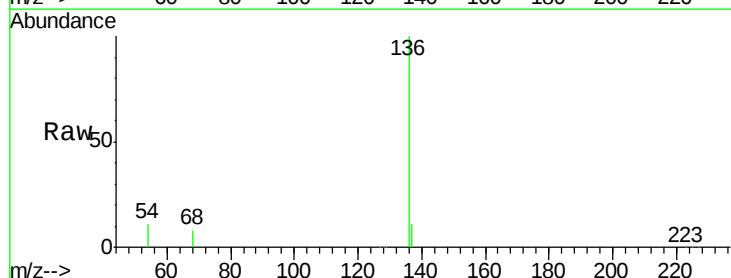
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.2 9.7 14.5

68 7.7 6.5 9.7

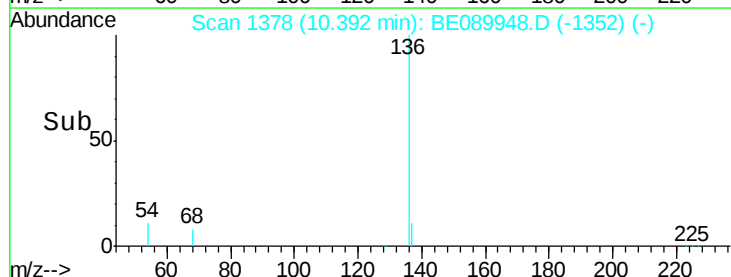
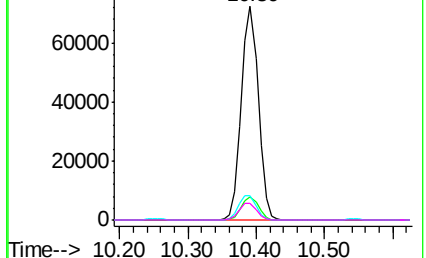


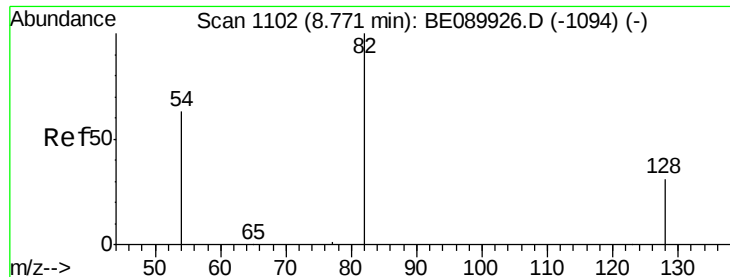
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 7.37 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

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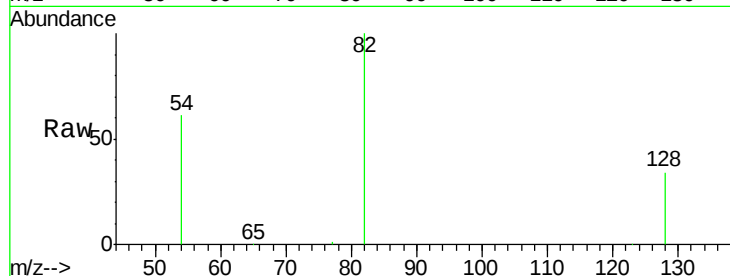
Tgt Ion: 82 Resp: 65777

Ion Ratio Lower Upper

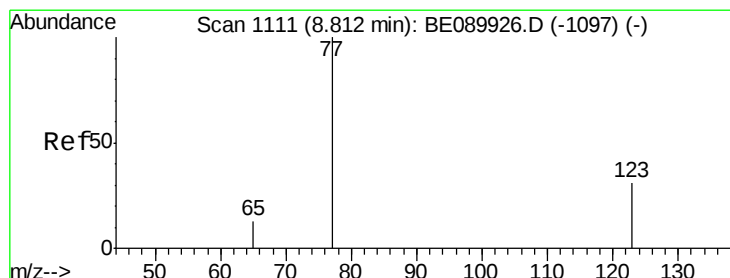
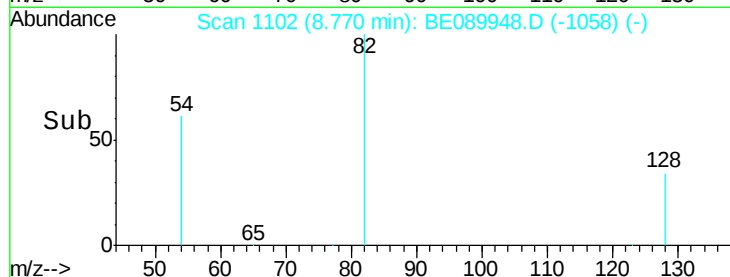
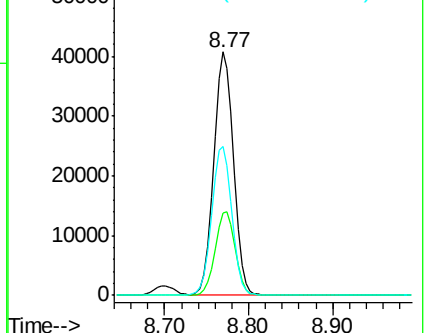
82 100

128 34.0 25.6 38.4

54 61.3 51.2 76.8



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



#8

Nitrobenzene

Concen: 3.66 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

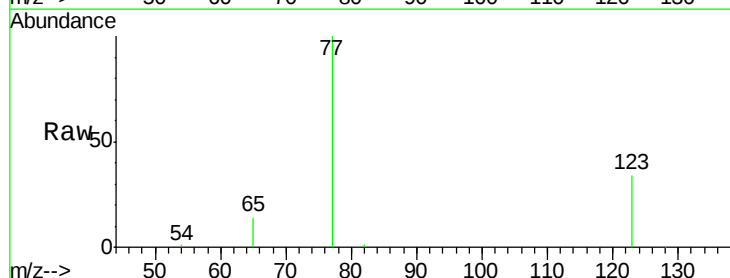
Tgt Ion: 77 Resp: 34757

Ion Ratio Lower Upper

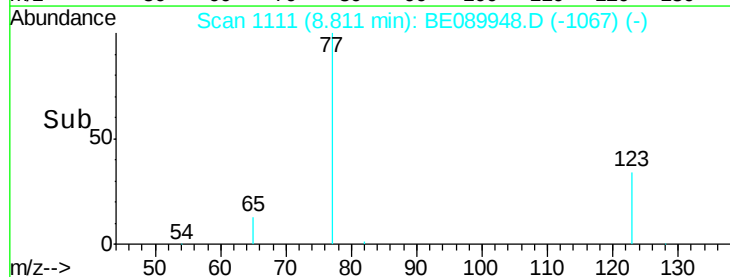
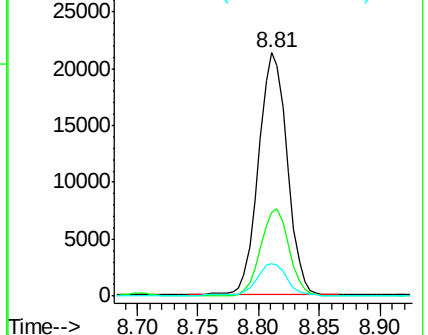
77 100

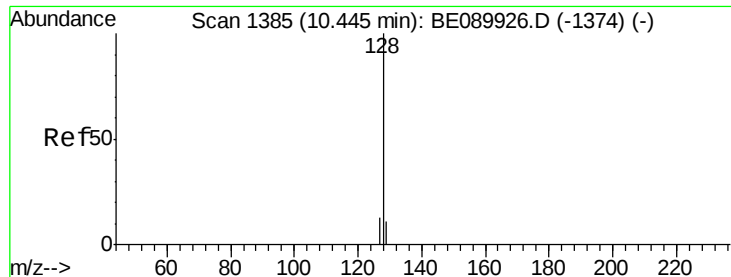
123 35.4 26.6 39.8

65 13.6 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.39 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

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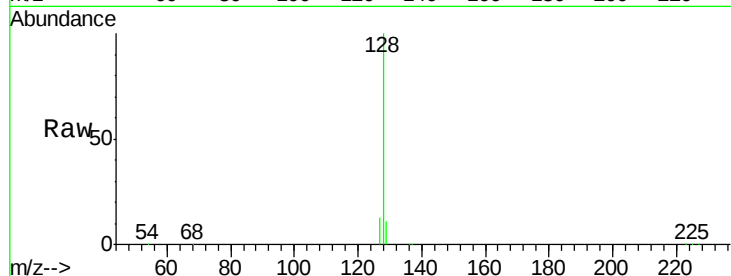
Tgt Ion:128 Resp: 90312

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

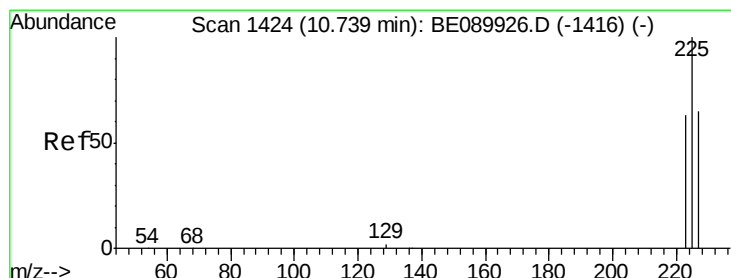
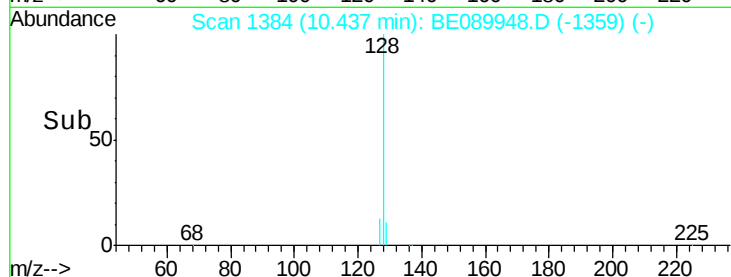
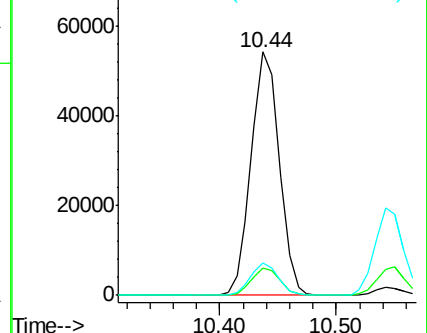
127 13.2 10.2 15.4



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



#10

Hexachlorobutadiene

Concen: 3.35 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

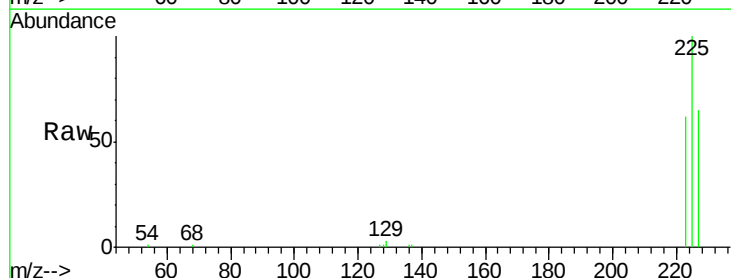
Tgt Ion:225 Resp: 14118

Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

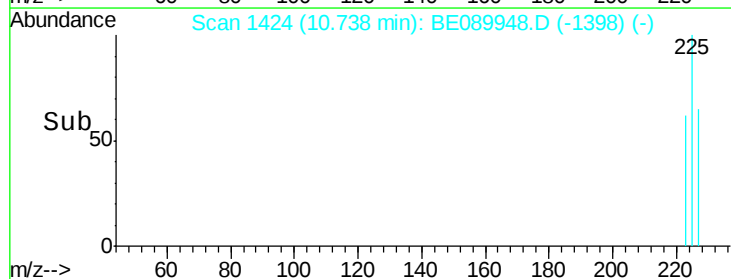
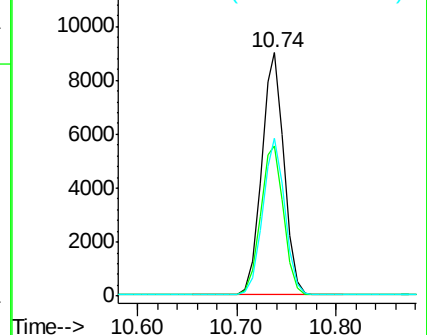
227 63.7 50.7 76.1

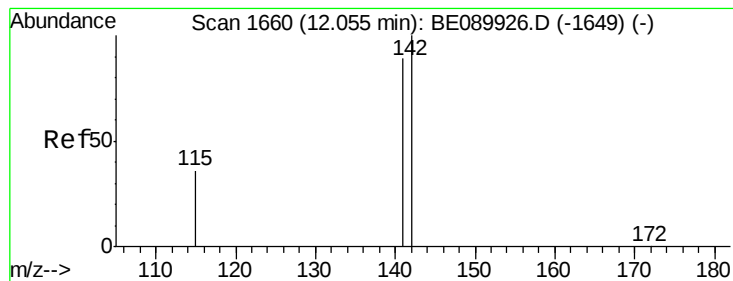


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.44 ng

RT: 12.05 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

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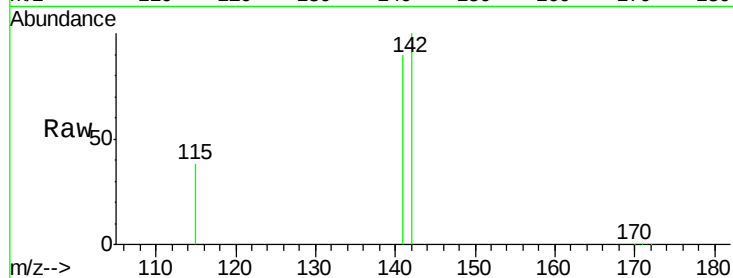
Tgt Ion:142 Resp: 62836

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

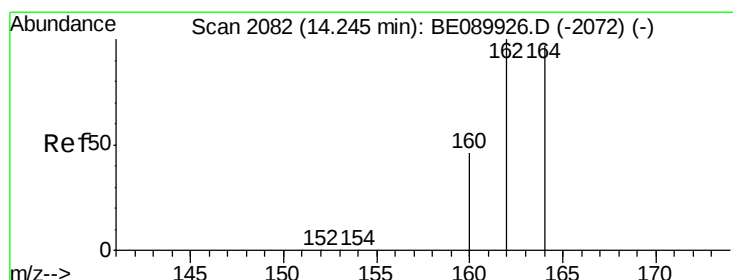
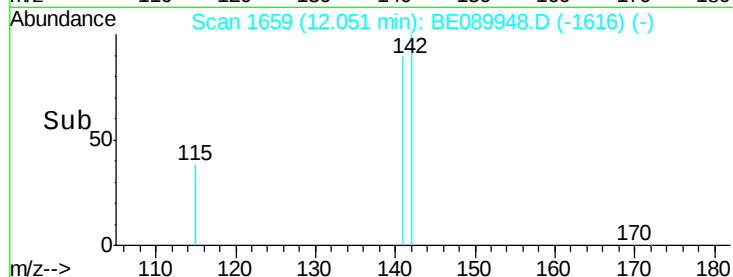
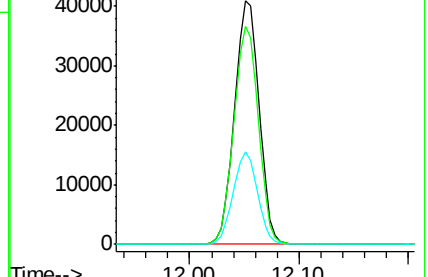
115 37.8 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

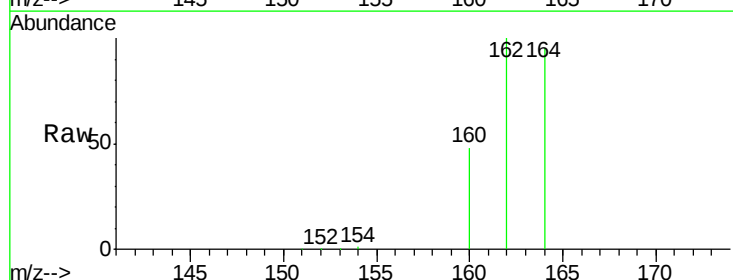
Tgt Ion:164 Resp: 70208

Ion Ratio Lower Upper

164 100

162 105.7 82.7 124.1

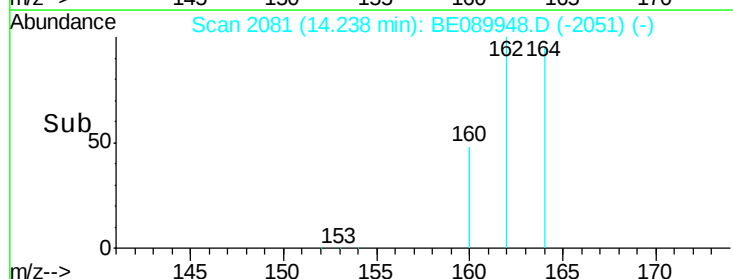
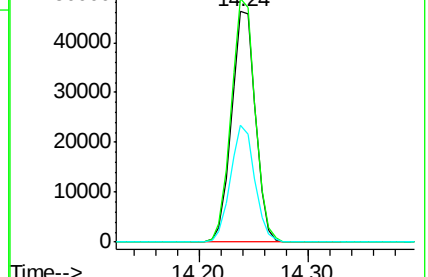
160 50.9 38.3 57.5



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

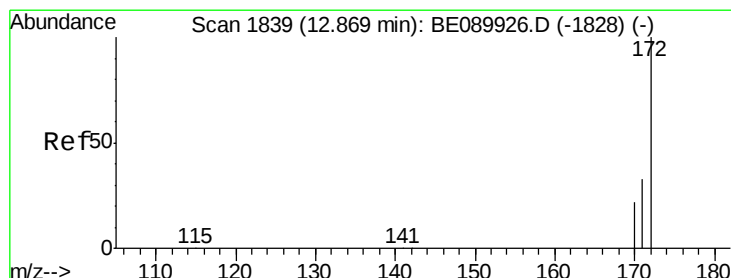
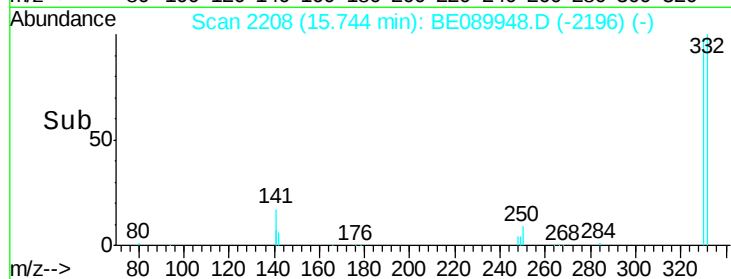
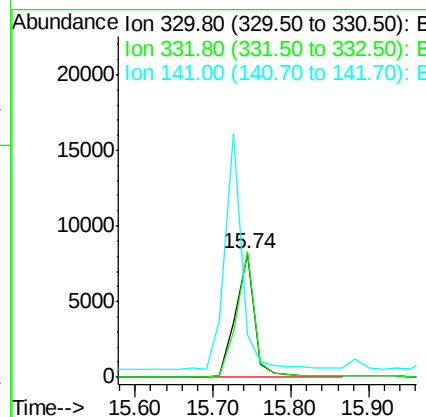
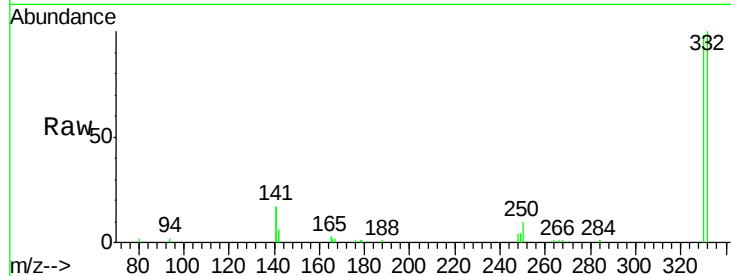




#13
 2,4,6-Tribromophenol
 Concen: 10.92 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

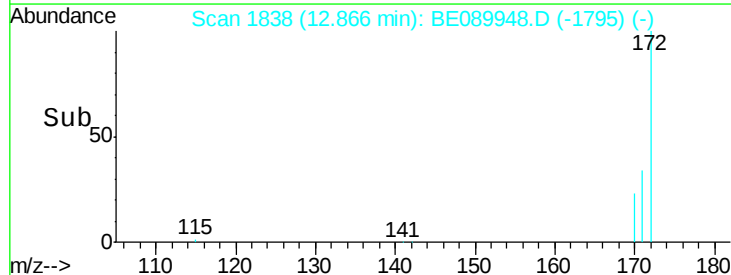
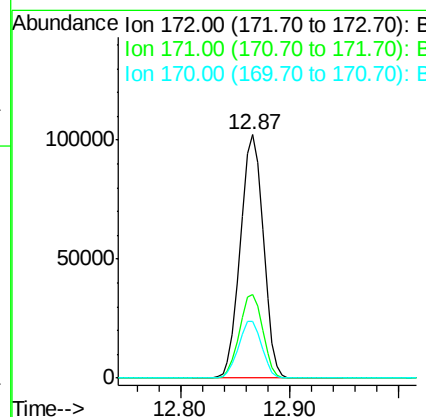
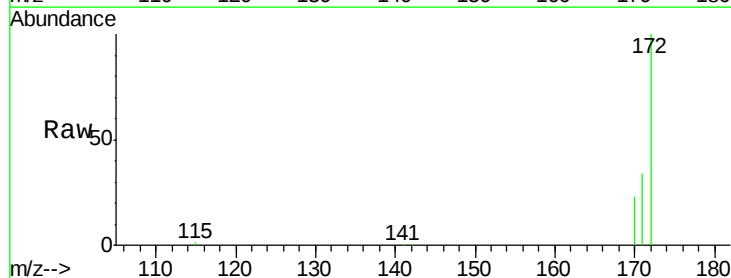
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MS

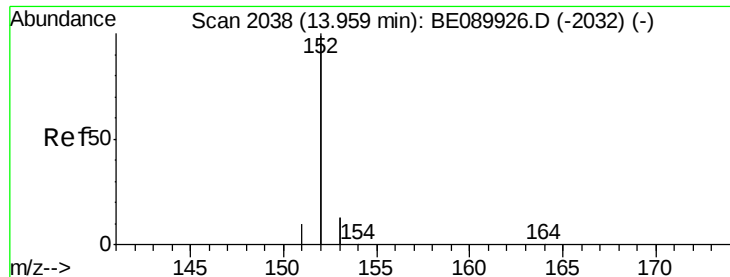
Tgt Ion:330 Resp: 13670
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.9 116.9
 141 173.2 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 7.22 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

Tgt Ion:172 Resp: 147641
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.7 40.1
 170 23.5 17.5 26.3





#15

Acenaphthylene

Concen: 3.49 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

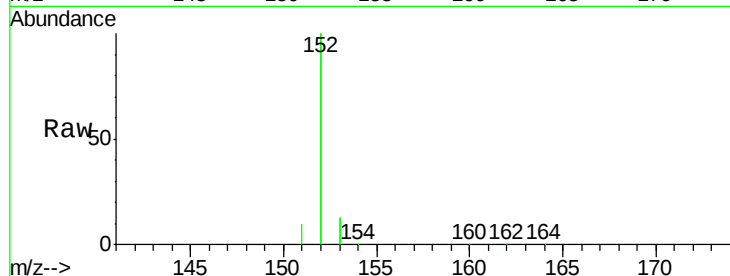
Tgt Ion:152 Resp: 429448

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

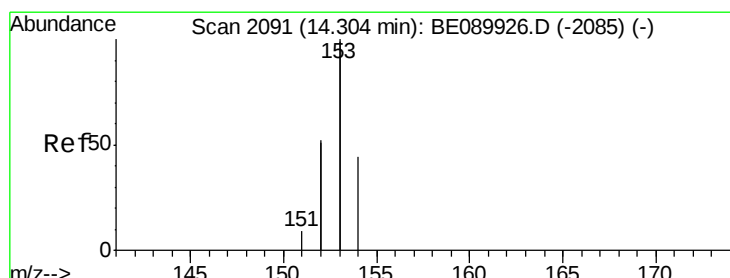
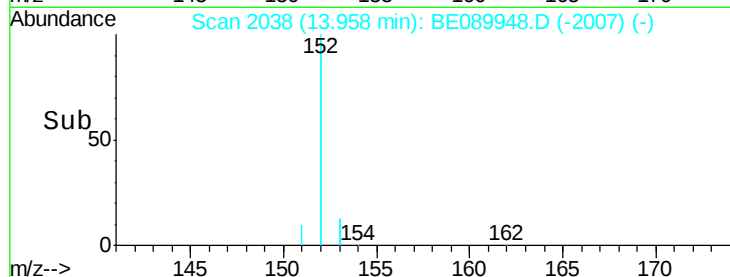
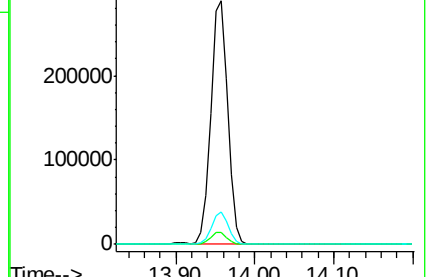
153 13.0 10.4 15.6



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



#16

Acenaphthene

Concen: 3.48 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

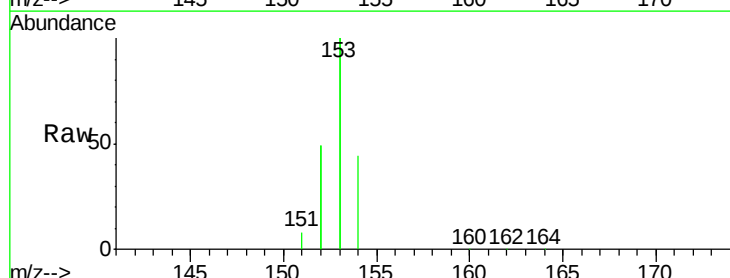
Tgt Ion:154 Resp: 62942

Ion Ratio Lower Upper

154 100

153 457.0 362.8 544.2

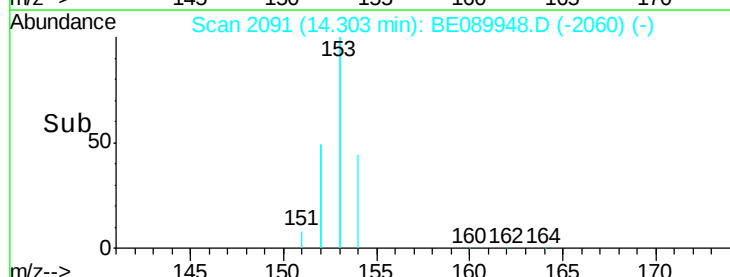
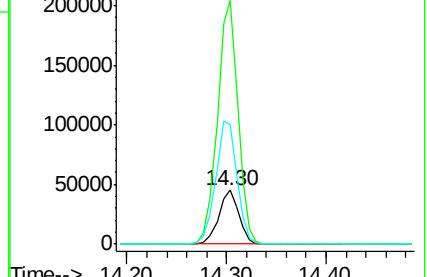
152 239.9 194.6 291.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

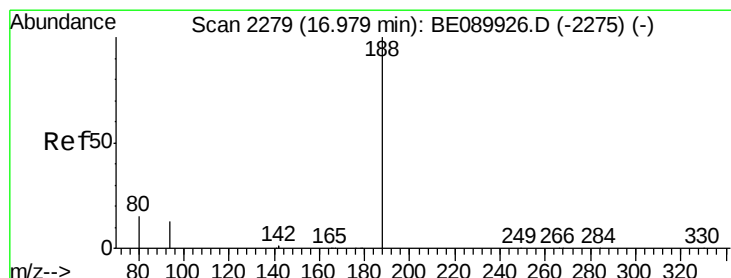
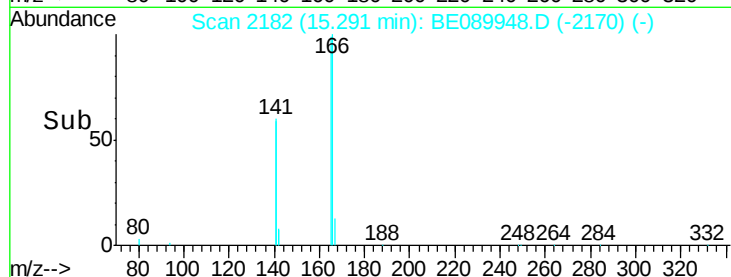
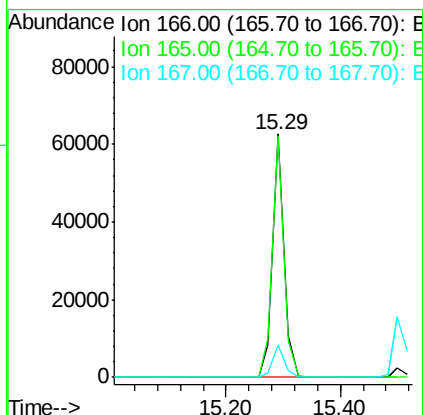
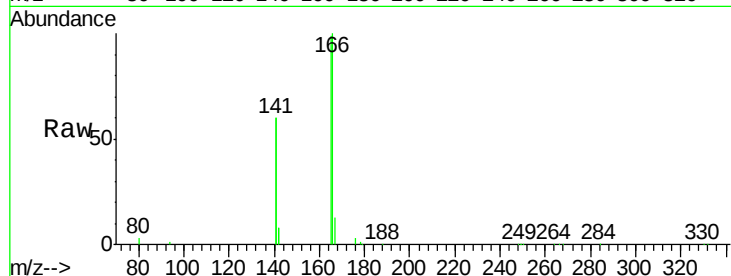




#17
 Fluorene
 Concen: 3.79 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

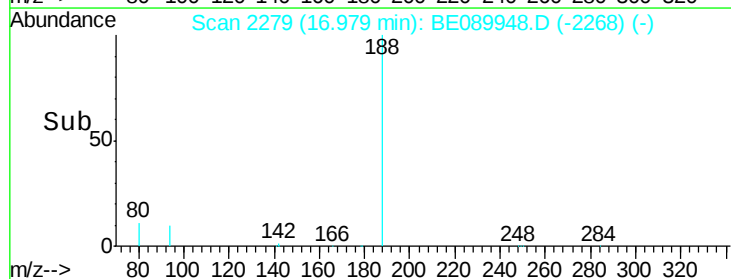
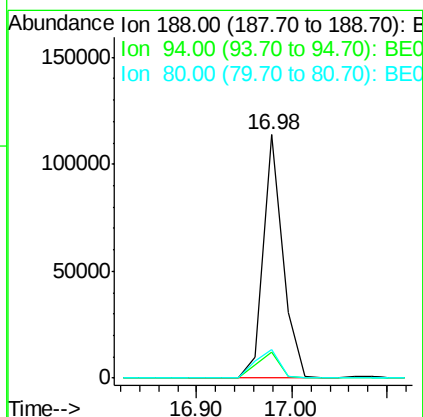
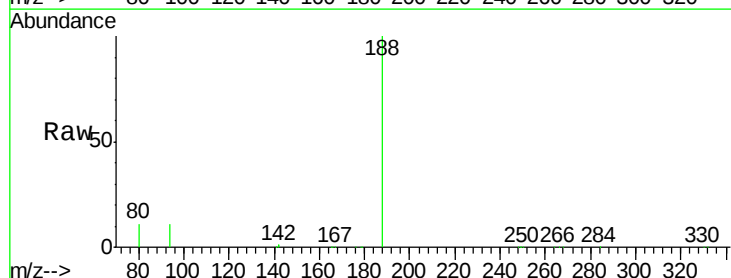
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MS

Tgt Ion:166 Resp: 85786
 Ion Ratio Lower Upper
 166 100
 165 99.6 81.1 121.7
 167 13.8 11.8 17.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

Tgt Ion:188 Resp: 162823
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.6 16.0#
 80 11.5 11.8 17.6#





#19

4-Bromophenyl-phenylether

Concen: 3.61 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

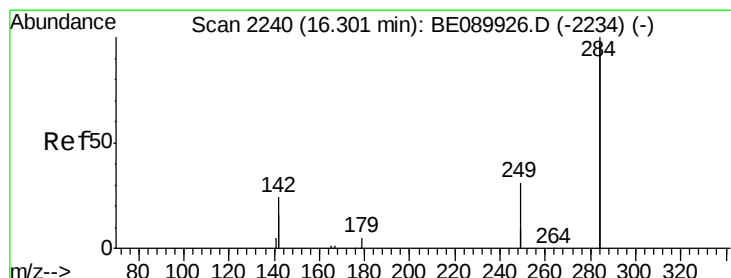
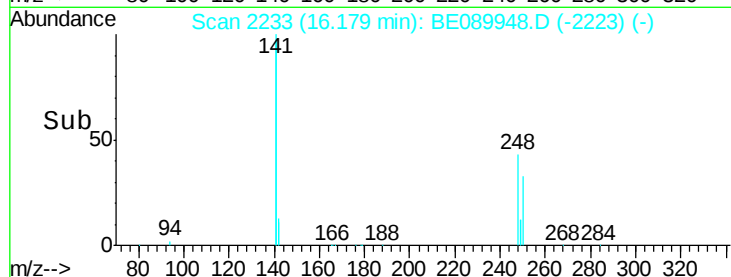
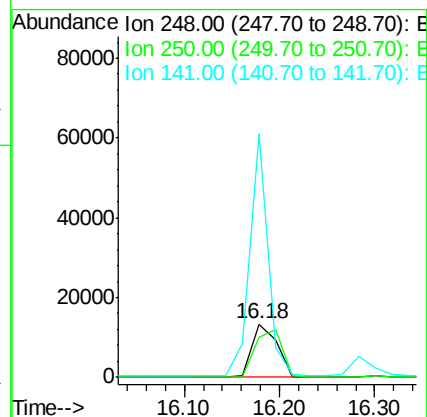
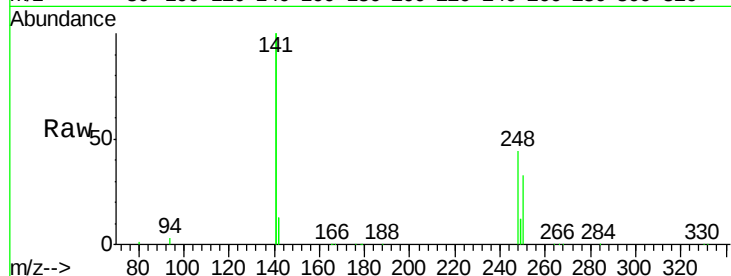
Tgt Ion:248 Resp: 23992

Ion Ratio Lower Upper

248 100

250 97.2 79.3 118.9

141 328.5 274.1 411.1



#20

Hexachlorobenzene

Concen: 3.59 ng

RT: 16.30 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

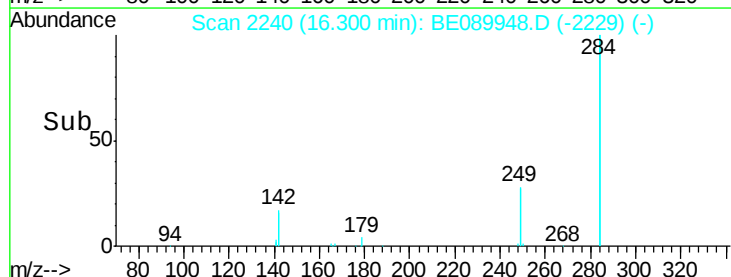
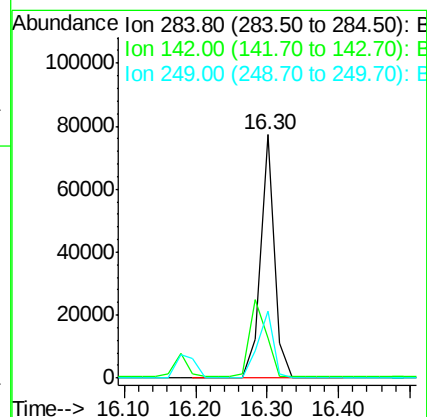
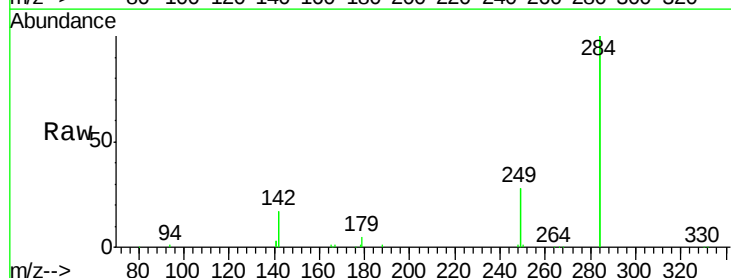
Tgt Ion:284 Resp: 104640

Ion Ratio Lower Upper

284 100

142 38.6 32.0 48.0

249 31.0 25.0 37.6

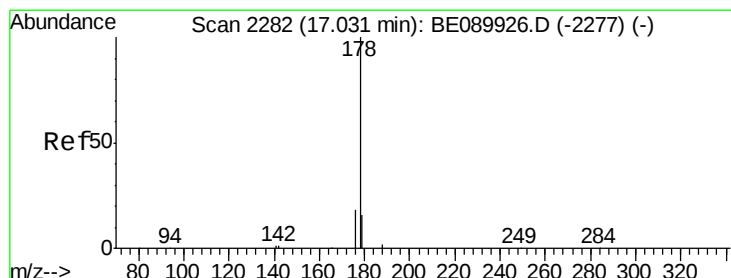
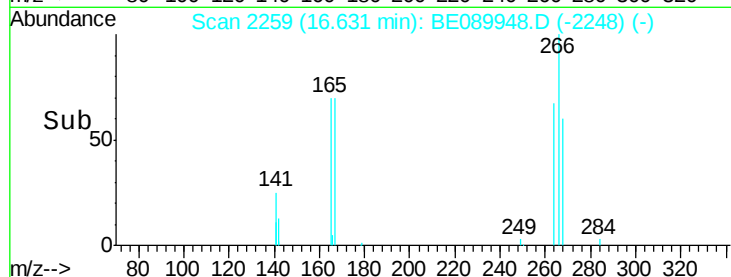
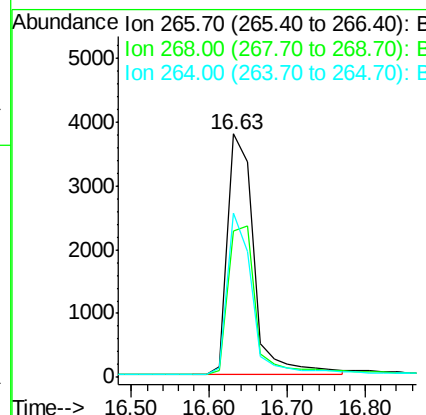
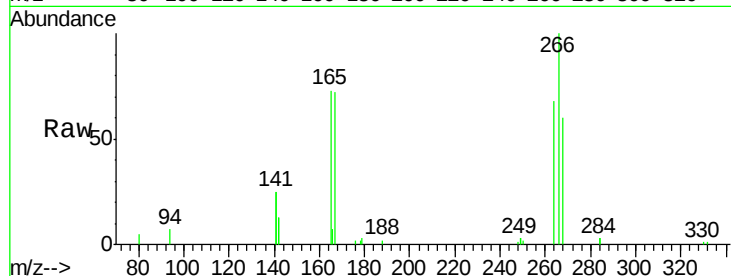




#21
 Pentachlorophenol
 Concen: 5.65 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

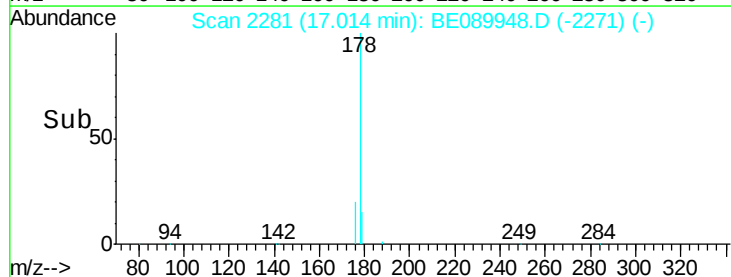
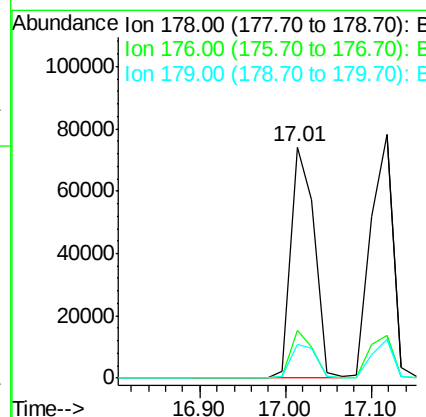
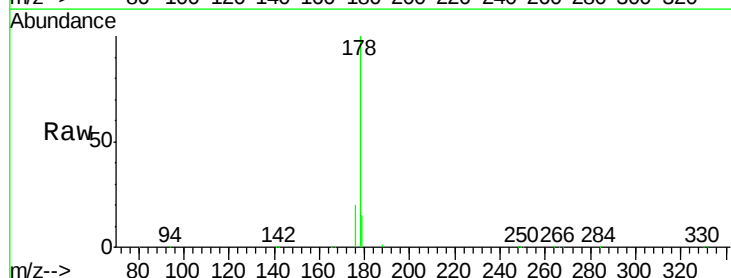
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MS

Tgt Ion: 266 Resp: 8807
 Ion Ratio Lower Upper
 266 100
 268 60.2 54.4 81.6
 264 67.5 48.2 72.2



#22
 Phenanthrene
 Concen: 3.46 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

Tgt Ion: 178 Resp: 141370
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0





#23

Anthracene

Concen: 3.72 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

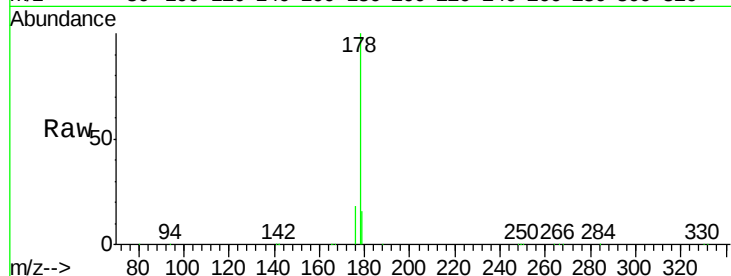
Tgt Ion:178 Resp: 140937

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

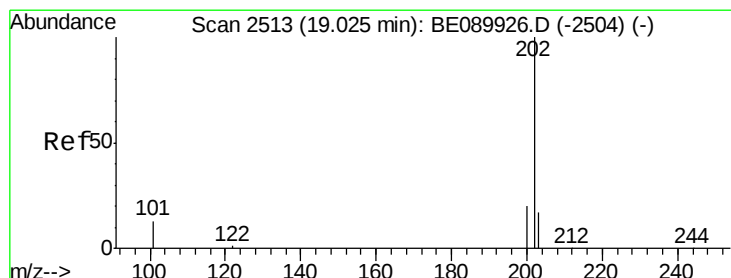
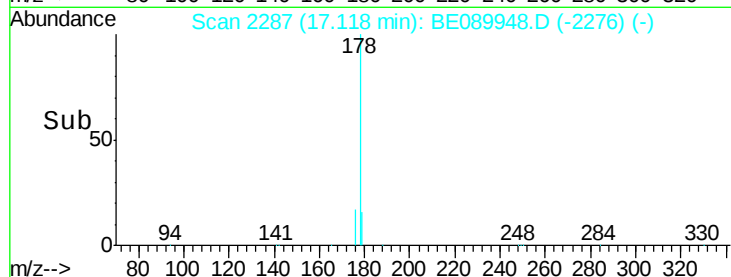
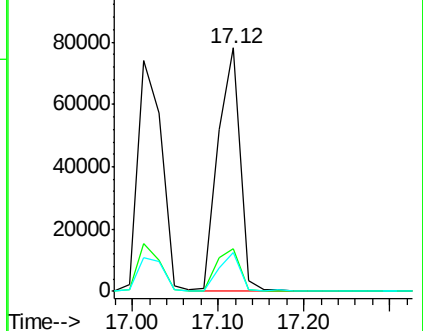
179 15.6 12.3 18.5



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



#24

Fluoranthene

Concen: 3.72 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

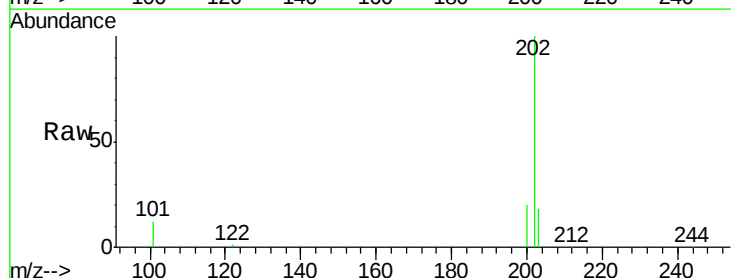
Tgt Ion:202 Resp: 164835

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

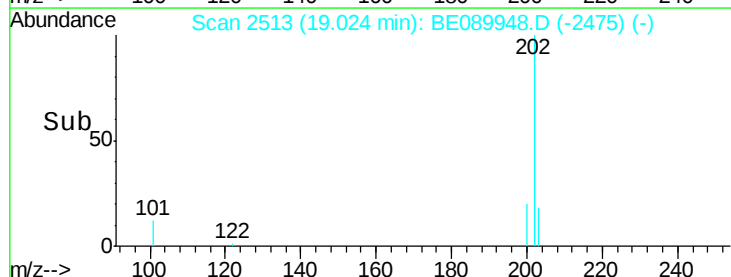
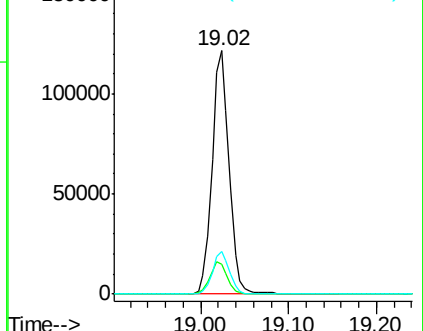
203 17.5 13.8 20.8



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

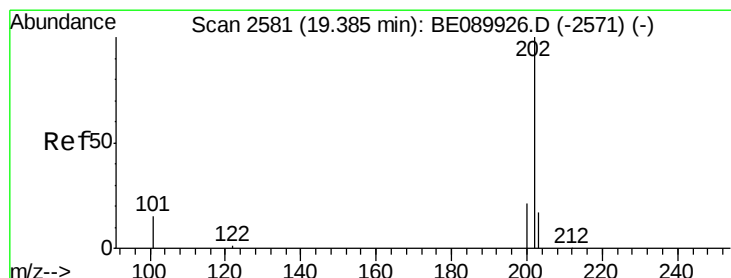
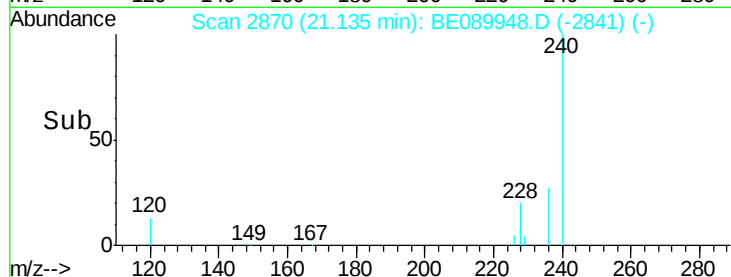
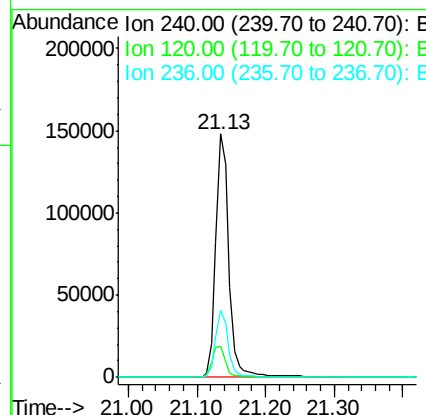
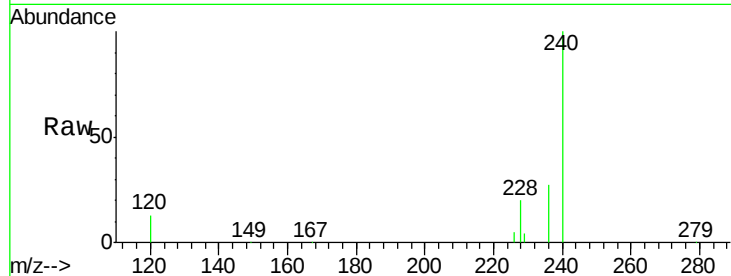




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089948.D
Acq: 26 Jun 2015 18:23

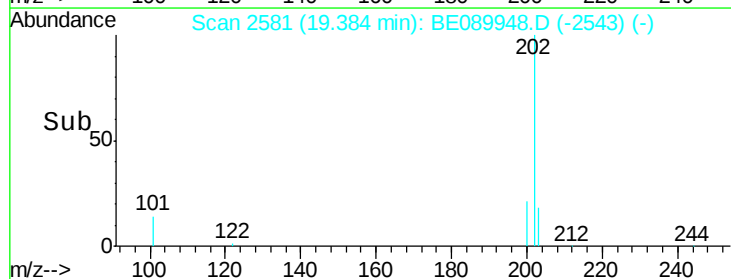
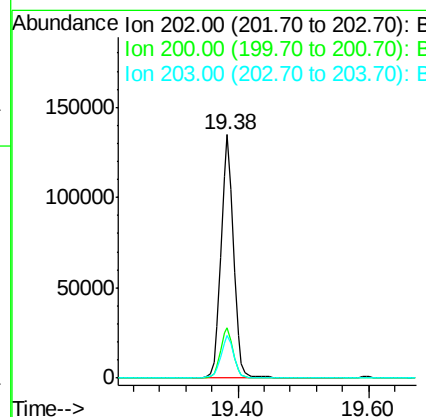
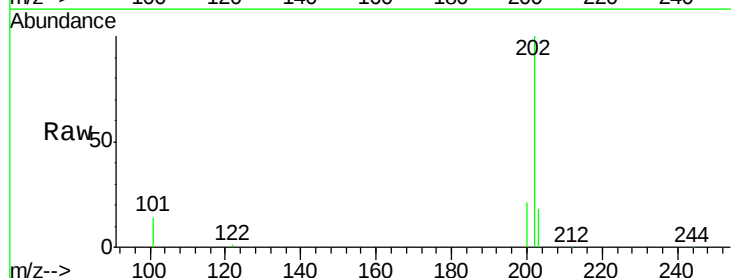
Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MS

Tgt Ion: 240 Resp: 196925
Ion Ratio Lower Upper
240 100
120 12.9 7.9 11.9#
236 27.5 21.2 31.8



#26
Pyrene
Concen: 3.57 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089948.D
Acq: 26 Jun 2015 18:23

Tgt Ion: 202 Resp: 177956
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.1 13.9 20.9

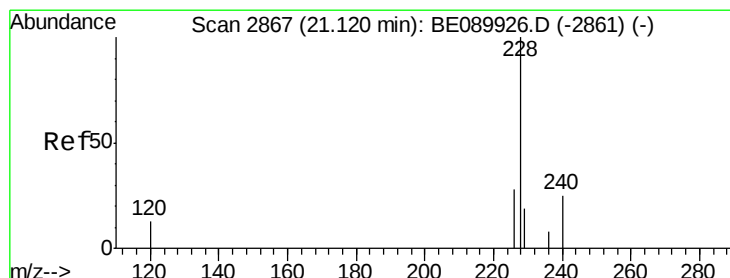
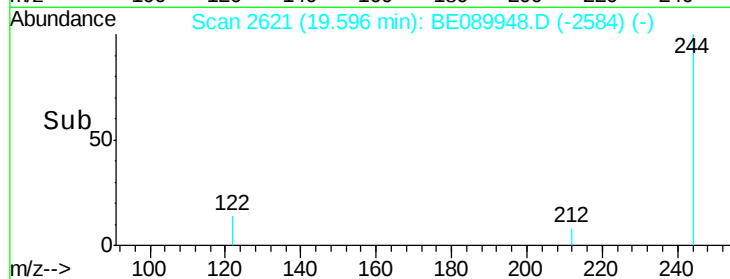
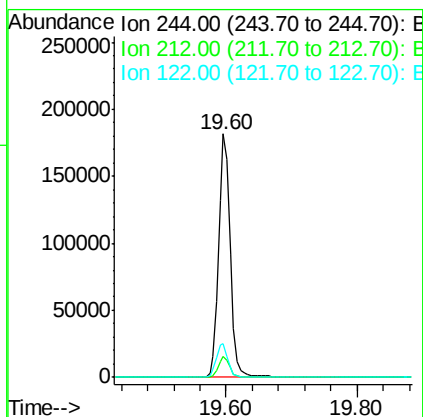
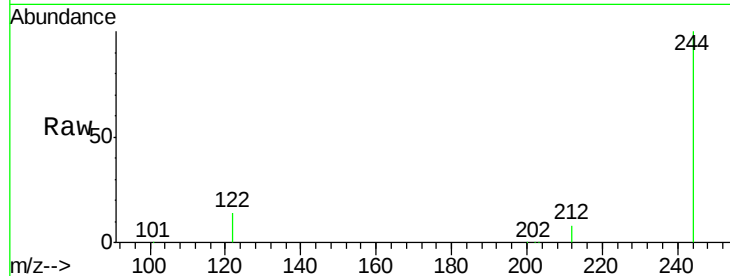




#27
 Terphenyl-d14
 Concen: 6.69 ng
 RT: 19.60 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

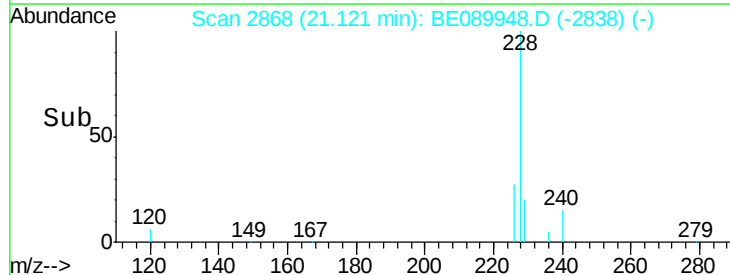
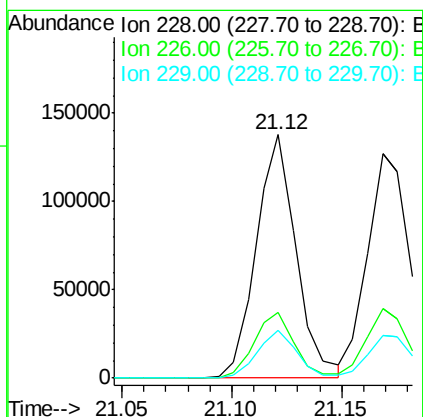
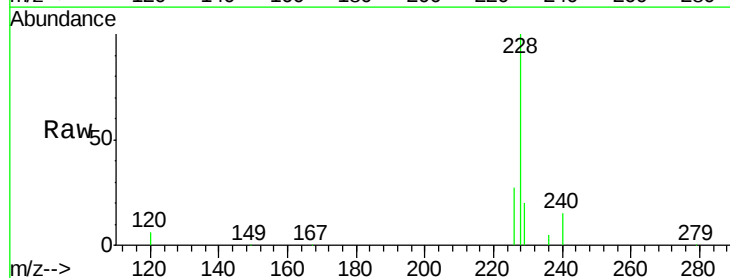
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MS

Tgt Ion: 244 Resp: 227525
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 13.8 8.7 13.1#



#28
 Benzo(a)anthracene
 Concen: 3.71 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089948.D
 Acq: 26 Jun 2015 18:23

Tgt Ion: 228 Resp: 174446
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.2 33.4
 229 19.6 15.3 22.9





#29

Chrysene

Concen: 3.48 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

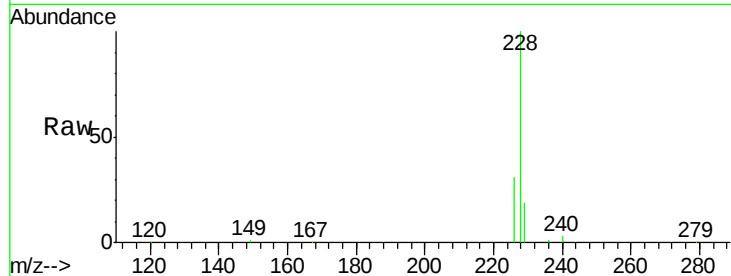
Tgt Ion: 228 Resp: 179172

Ion Ratio Lower Upper

228 100

226 31.2 23.7 35.5

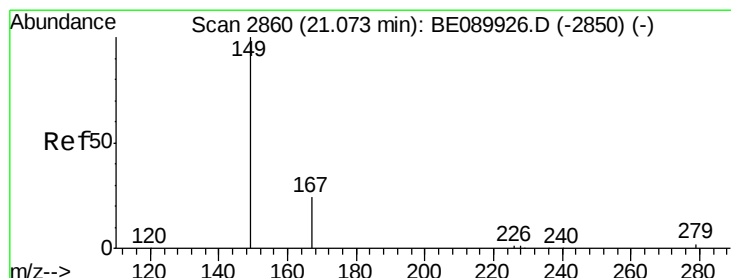
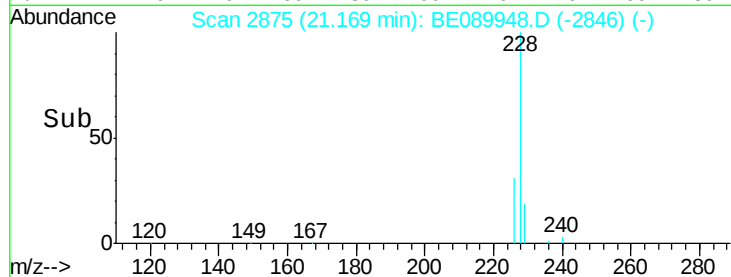
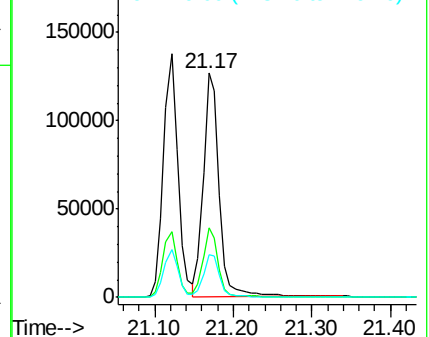
229 19.3 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 6.30 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

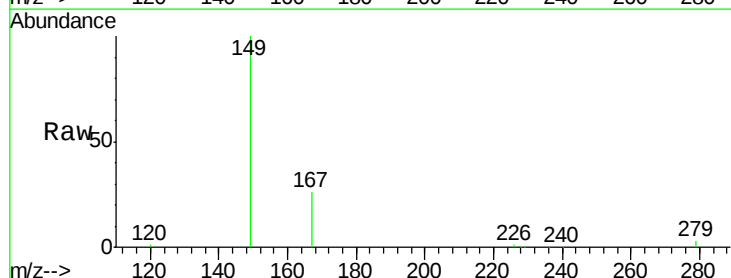
Tgt Ion: 149 Resp: 25256

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

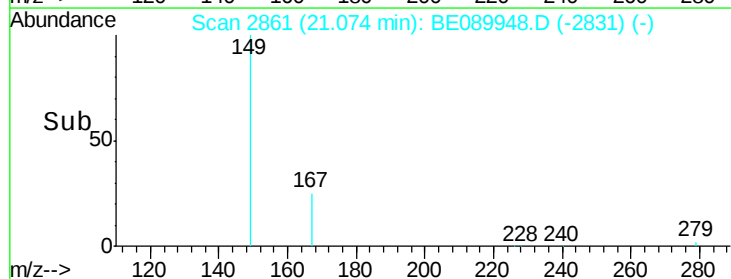
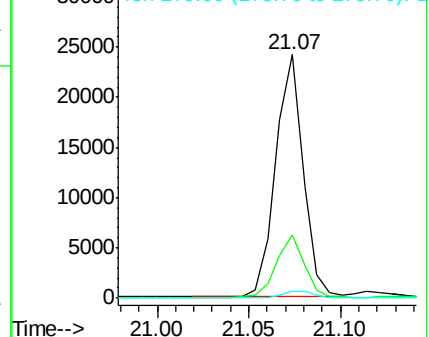
279 2.9 2.7 4.1

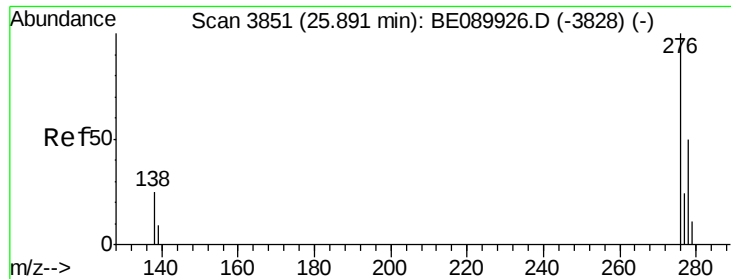


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.23 ng

RT: 25.88 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

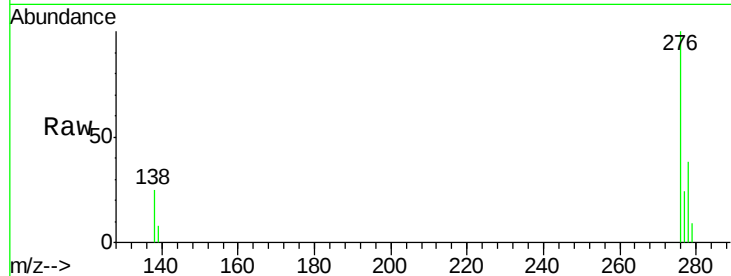
Tgt Ion:276 Resp: 159812

Ion Ratio Lower Upper

276 100

138 27.2 0.0 0.0#

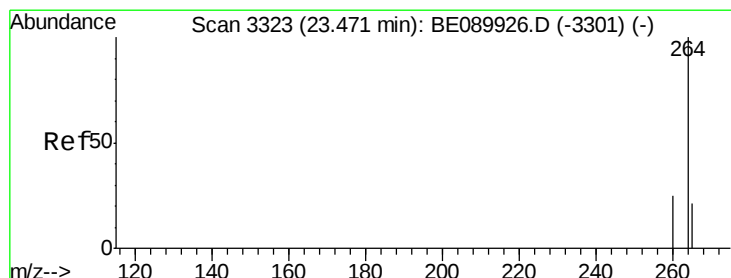
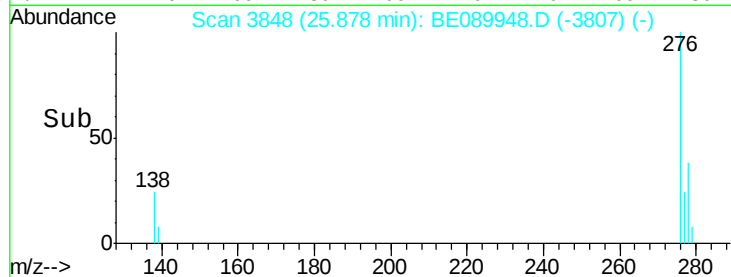
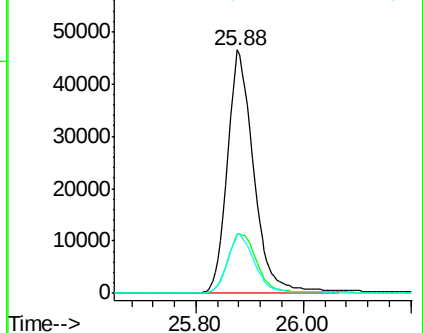
277 24.8 0.0 0.0#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

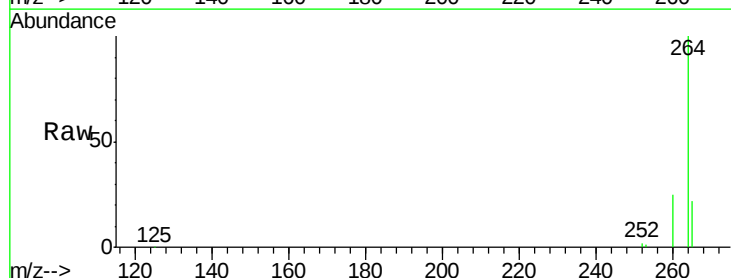
Tgt Ion:264 Resp: 177036

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

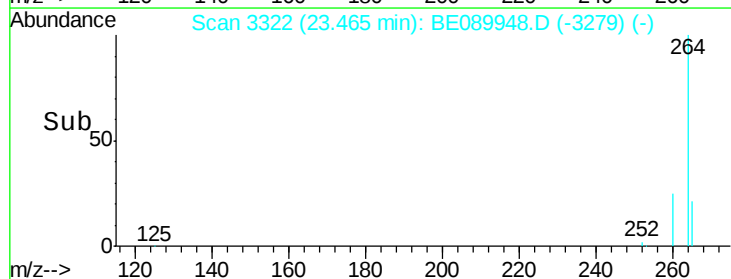
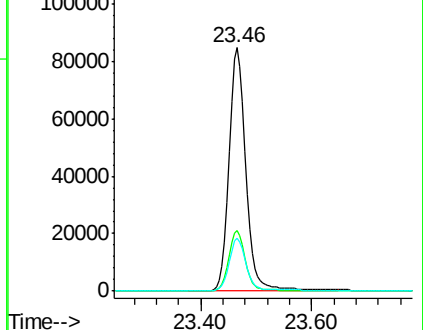
265 21.6 17.3 25.9

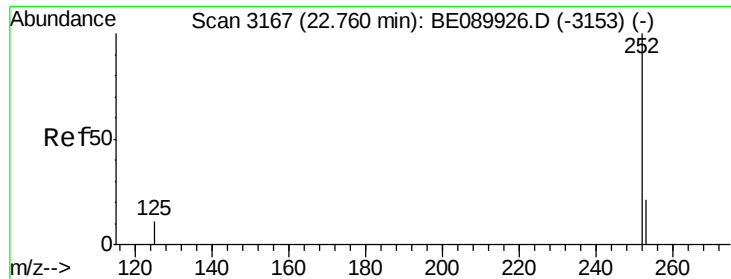


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.99 ng

RT: 22.75 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

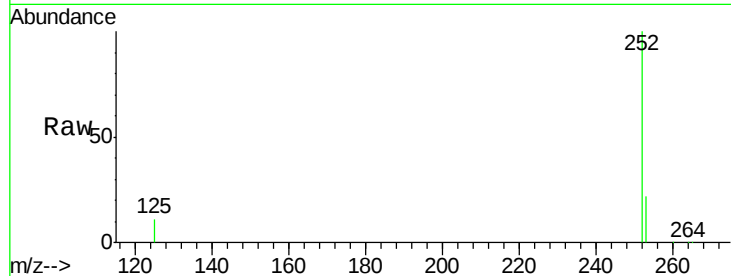
Tgt Ion:252 Resp: 149338

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

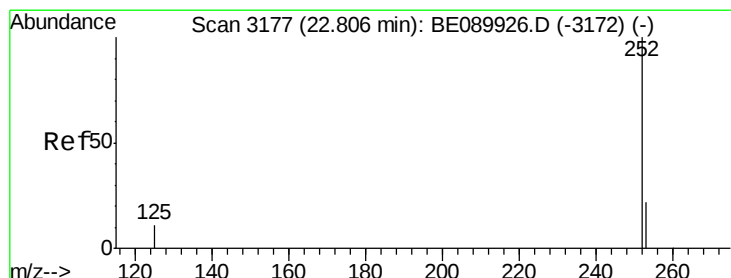
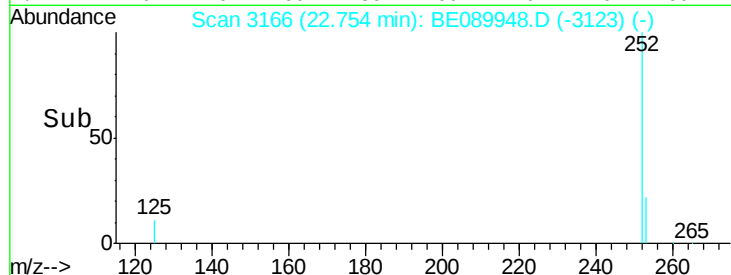
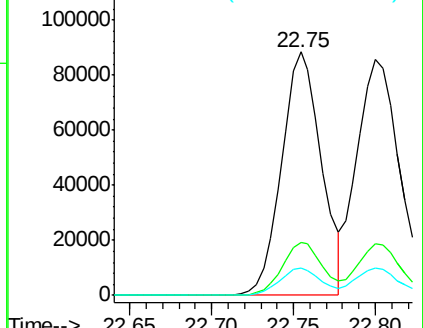
125 11.4 9.3 13.9



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



#34

Benzo(k)fluoranthene

Concen: 3.87 ng

RT: 22.80 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

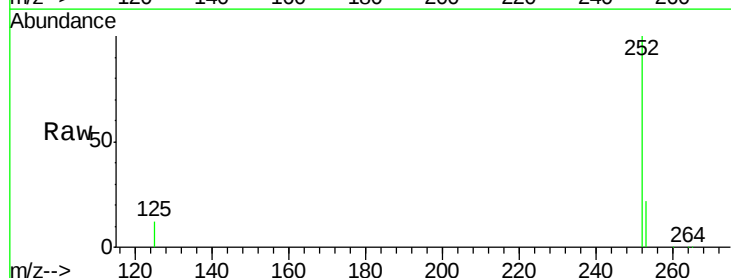
Tgt Ion:252 Resp: 164163

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

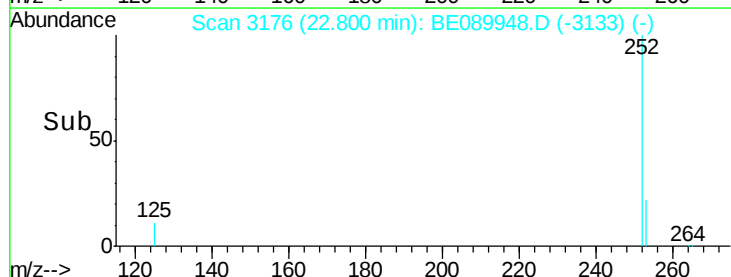
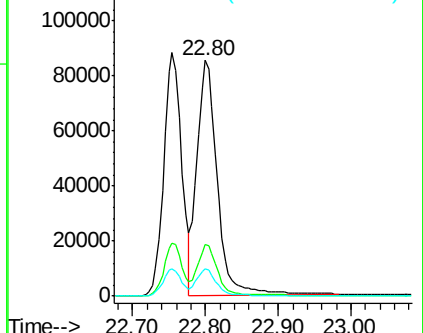
125 11.6 9.2 13.8



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





#35

Benzo(a)pyrene

Concen: 4.24 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS

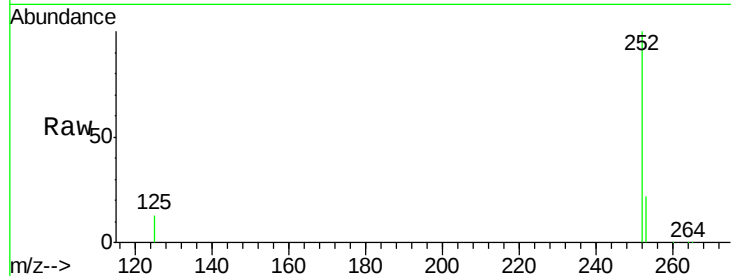
Tgt Ion:252 Resp: 141026

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

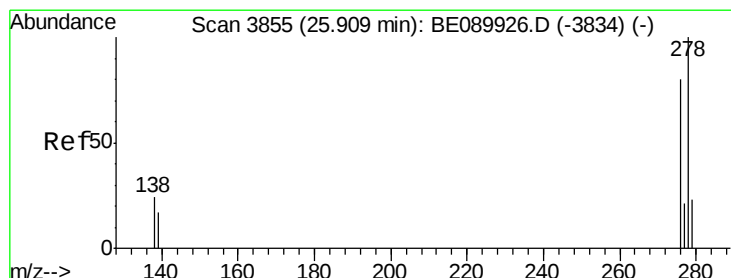
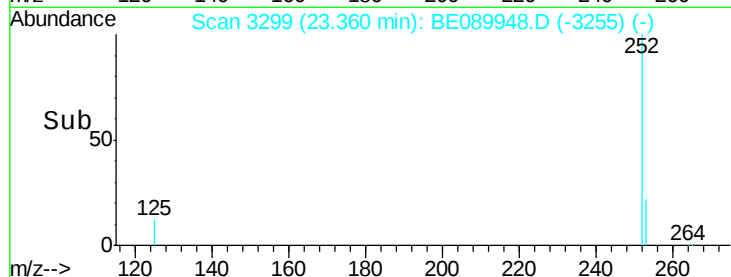
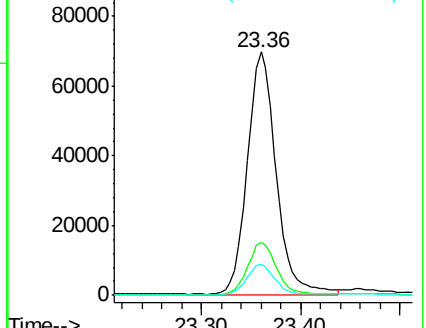
125 12.6 10.3 15.5



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



#36

Dibenzo(a,h)anthracene

Concen: 4.20 ng

RT: 25.90 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BE089948.D

Acq: 26 Jun 2015 18:23

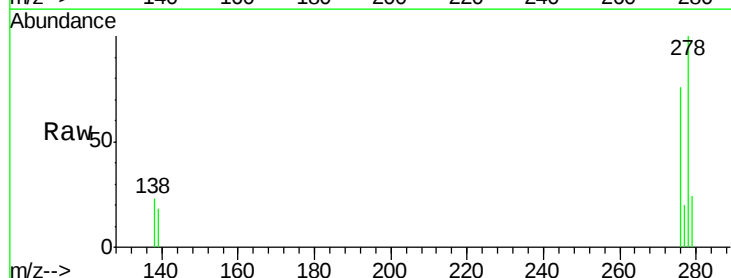
Tgt Ion:278 Resp: 130079

Ion Ratio Lower Upper

278 100

139 18.0 14.1 21.1

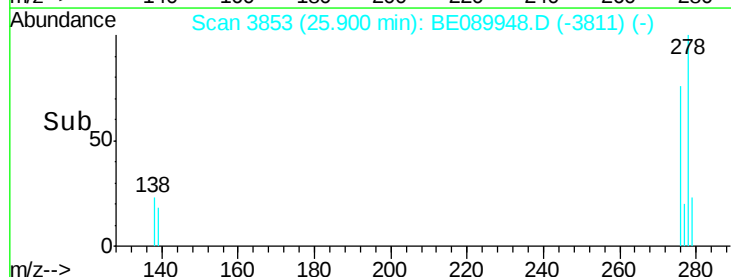
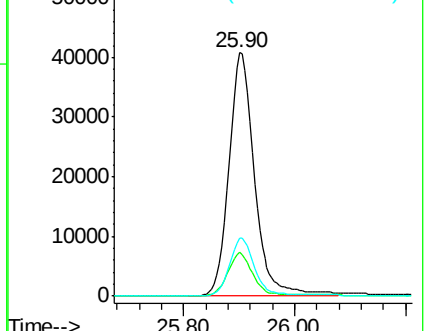
279 23.6 19.0 28.6



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





#37

Benzo(g,h,i)perylene

Concen: 4.09 ng

RT: 26.62 min Scan# 4011

Delta R.T. -0.00 min

Lab File: BE089948.D

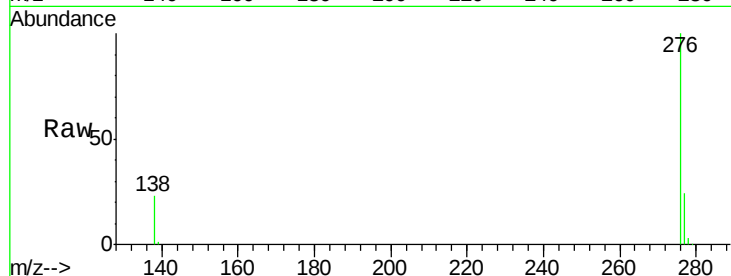
Acq: 26 Jun 2015 18:23

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MS



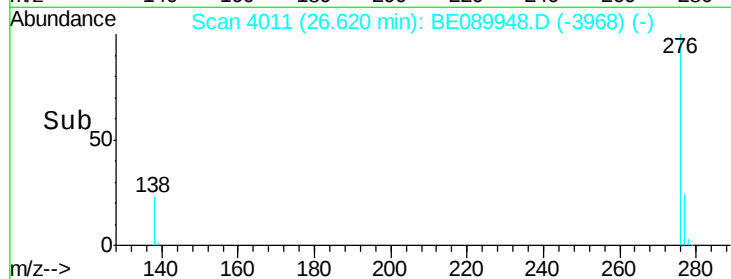
Tgt Ion: 276 Resp: 136135

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.3 18.8 28.2



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

