

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089952.D
 Acq On : 26 Jun 2015 20:49
 Operator : TP/IZ
 Sample : PB84222BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84222BSD

Quant Time: Jun 27 01:01:31 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

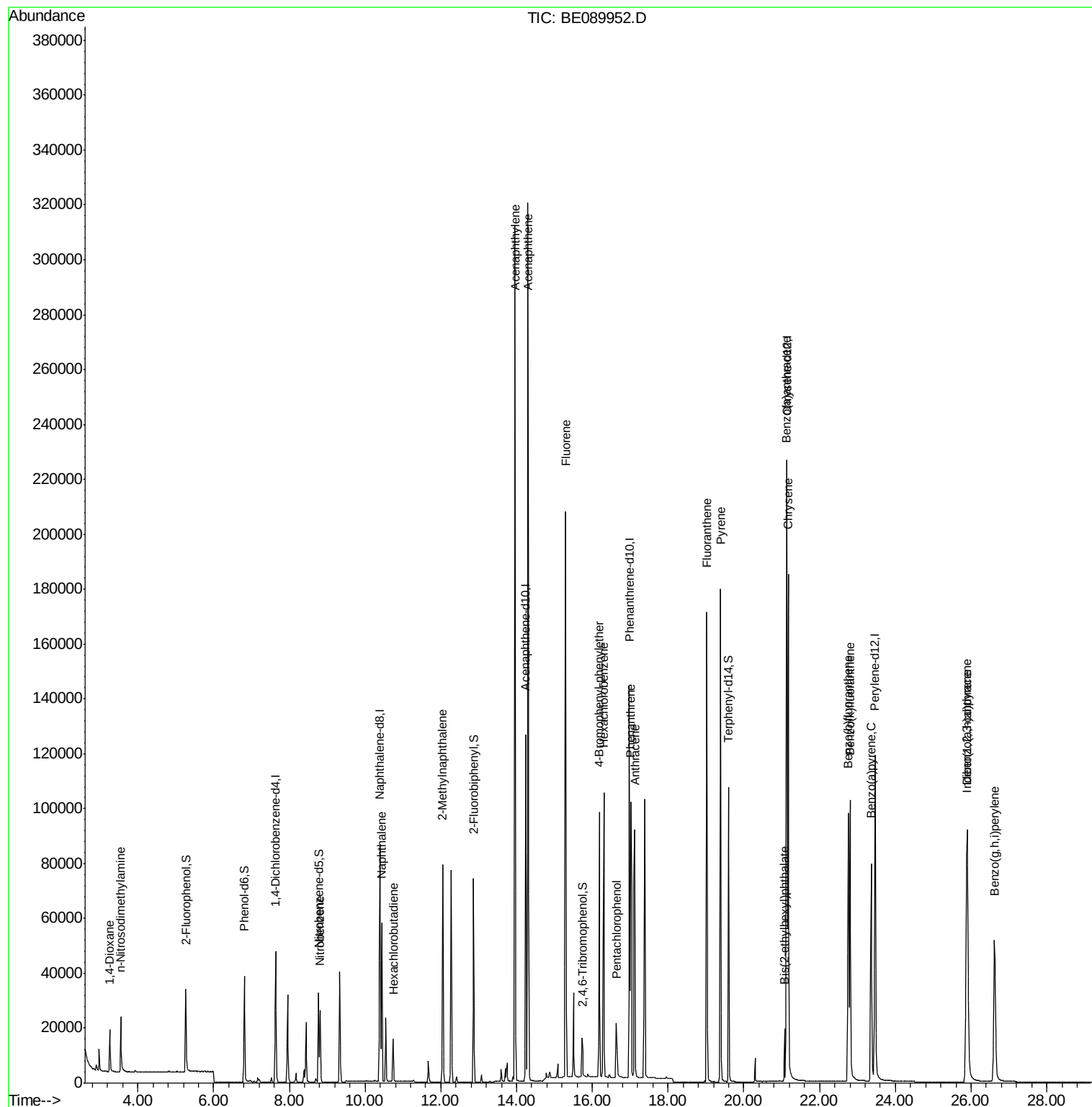
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	23121	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	110494	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	70116	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	164744	5.00	ng	0.00
25) Chrysene-d12	21.14	240	185289	5.00	ng	0.00
32) Perylene-d12	23.47	264	161715	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	23234	5.57	ng	0.00
5) Phenol-d6	6.81	99	39838	6.23	ng	0.00
7) Nitrobenzene-d5	8.77	82	27182	3.30	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	6772	5.57	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	67635	3.31	ng	0.00
27) Terphenyl-d14	19.60	244	107405	3.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	9184	3.32	ng	98
3) n-Nitrosodimethylamine	3.55	42	12652	3.04	ng	98
8) Nitrobenzene	8.81	77	28188	3.22	ng	98
9) Naphthalene	10.44	128	75116	3.06	ng	100
10) Hexachlorobutadiene	10.74	225	11186	2.88	ng	100
11) 2-Methylnaphthalene	12.05	142	54802	3.26	ng	98
15) Acenaphthylene	13.95	152	391594	3.19	ng	100
16) Acenaphthene	14.30	154	59128	3.27	ng	96
17) Fluorene	15.29	166	79575	3.52	ng	98
19) 4-Bromophenyl-phenylether	16.18	248	21942	3.27	ng	99
20) Hexachlorobenzene	16.30	284	97711	3.32	ng	99
21) Pentachlorophenol	16.63	266	10436	6.54	ng	89
22) Phenanthrene	17.01	178	134053	3.24	ng	100
23) Anthracene	17.12	178	130496	3.40	ng	99
24) Fluoranthene	19.02	202	153136	3.41	ng	100
26) Pyrene	19.39	202	161045	3.43	ng	99
28) Benzo(a)anthracene	21.12	228	151111	3.41	ng	97
29) Chrysene	21.17	228	157578	3.25	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	17040	4.51	ng	99
31) Indeno(1,2,3-cd)pyrene	25.88	276	136303	3.83	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	127244	3.72	ng	99
34) Benzo(k)fluoranthene	22.80	252	140266	3.62	ng	99
35) Benzo(a)pyrene	23.36	252	118797	3.91	ng	99
36) Dibenzo(a,h)anthracene	25.90	278	111154	3.93	ng	100
37) Benzo(g,h,i)perylene	26.62	276	115599	3.80	ng	99

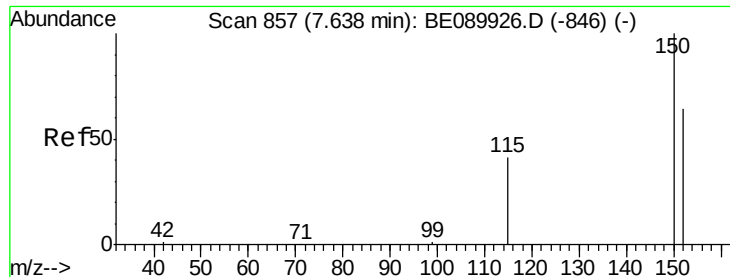
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089952.D
Acq On : 26 Jun 2015 20:49
Operator : TP/IZ
Sample : PB84222BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Quant Time: Jun 27 01:01:31 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



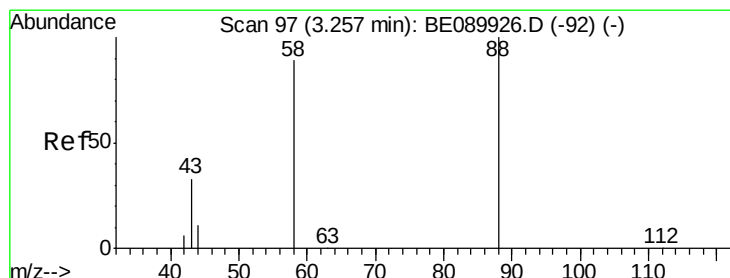
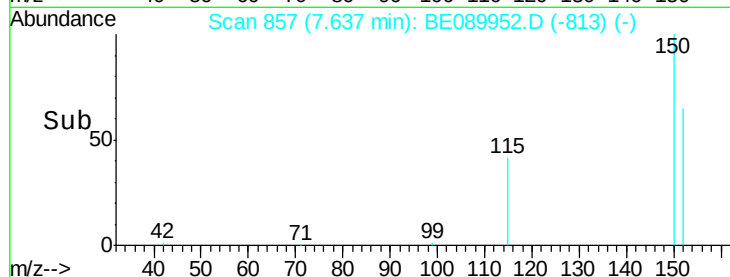
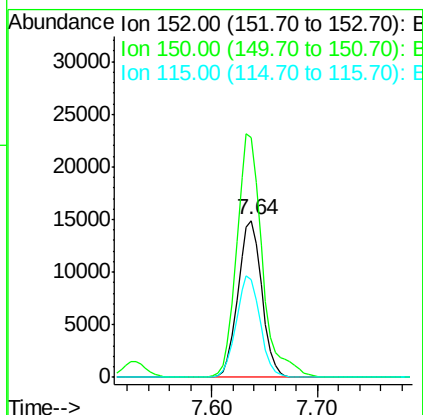
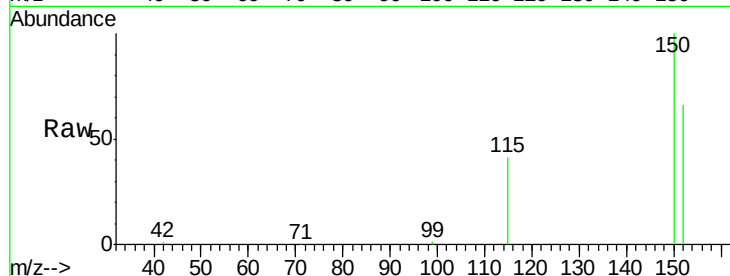


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

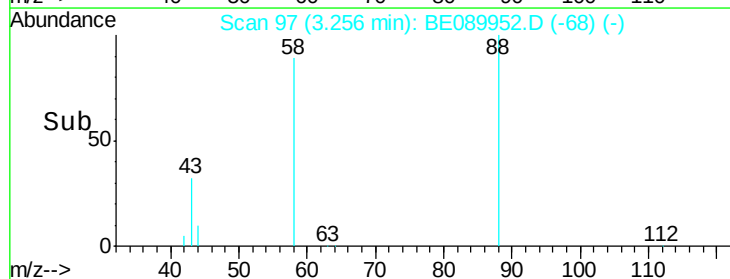
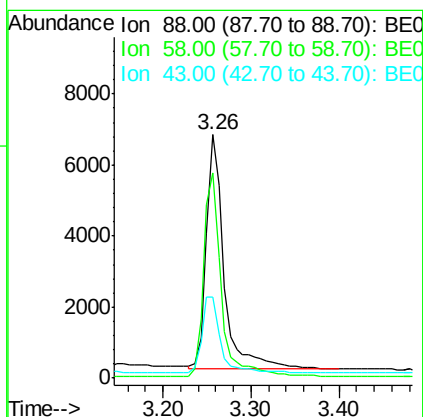
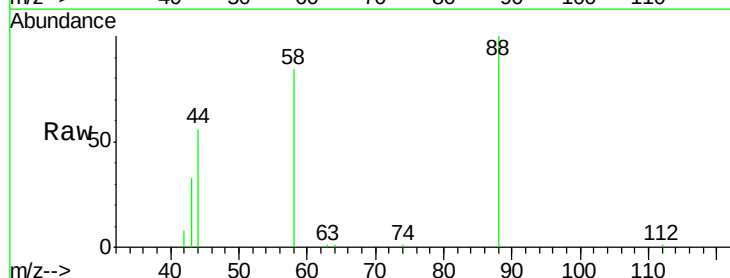
Tgt Ion:152 Resp: 23121
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 62.4 51.6 77.4

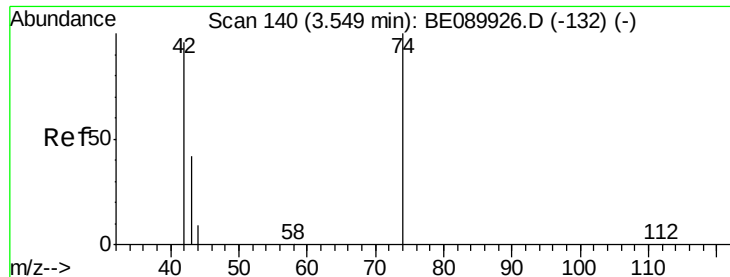


#2

1,4-Dioxane
Concen: 3.32 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion: 88 Resp: 9184
Ion Ratio Lower Upper
88 100
58 86.2 70.8 106.2
43 34.9 26.8 40.2





#3

n-Nitrosodimethylamine

Concen: 3.04 ng

RT: 3.55 min Scan# 140

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

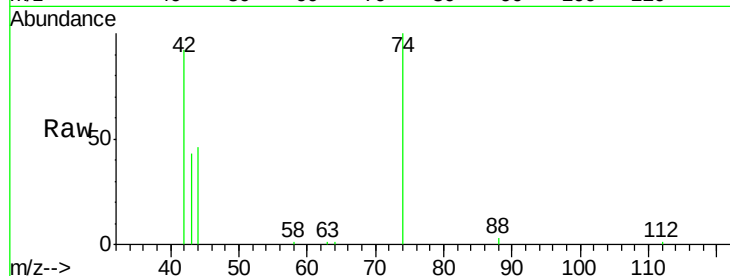
Tgt Ion: 42 Resp: 12652

Ion Ratio Lower Upper

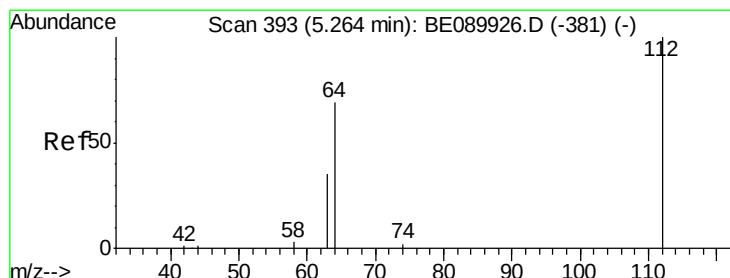
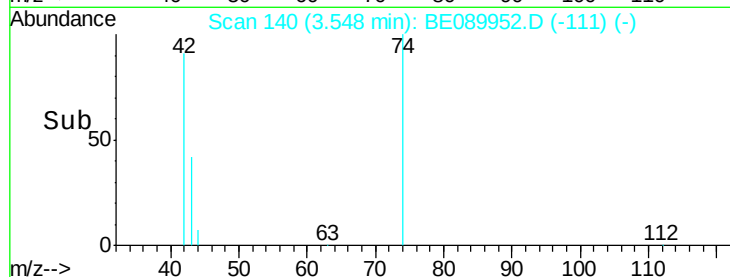
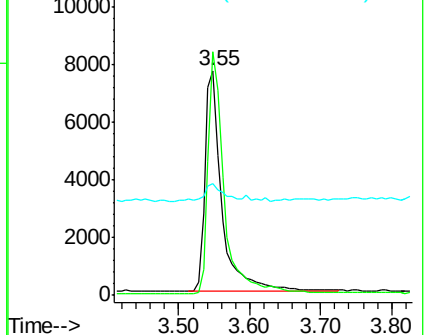
42 100

74 105.2 85.4 128.2

44 9.6 8.4 12.6



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 5.57 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

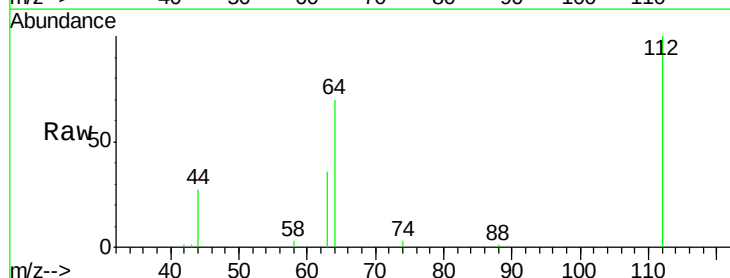
Tgt Ion: 112 Resp: 23234

Ion Ratio Lower Upper

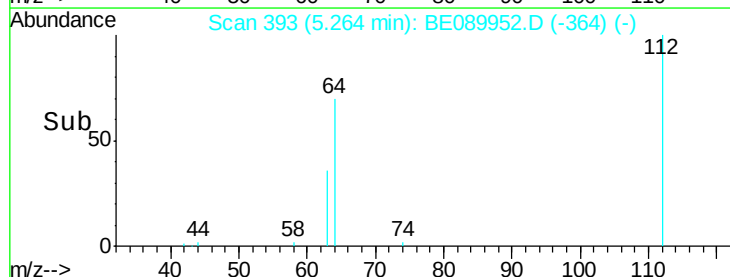
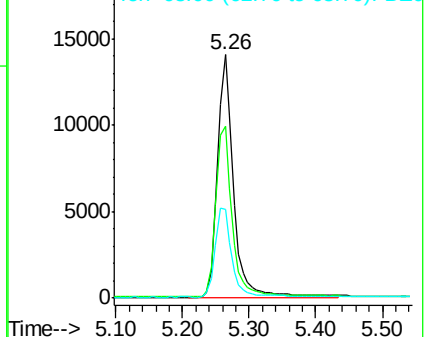
112 100

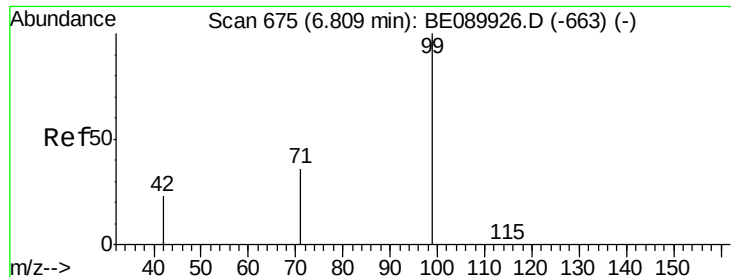
64 73.1 57.4 86.2

63 38.2 31.2 46.8



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





#5

Phenol-d6

Concen: 6.23 ng

RT: 6.81 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

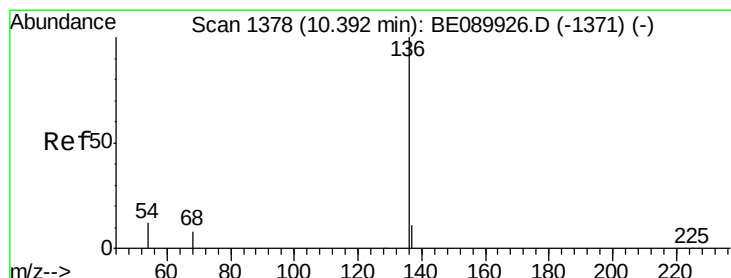
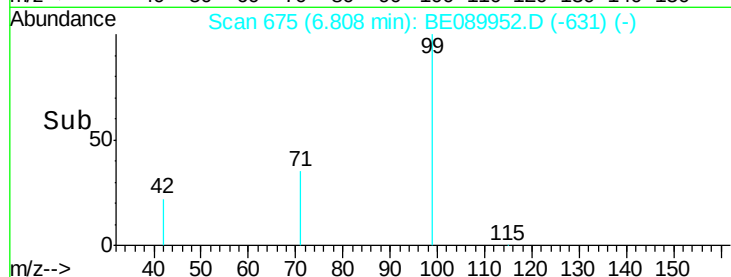
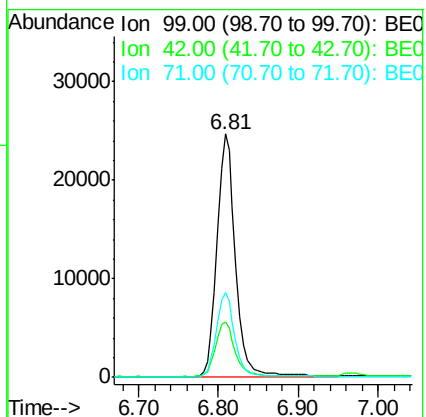
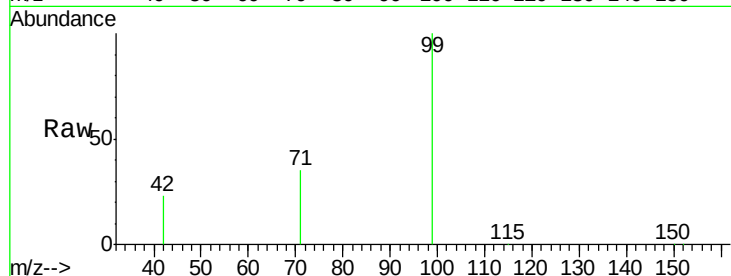
Tgt Ion: 99 Resp: 39838

Ion Ratio Lower Upper

99 100

42 23.6 19.5 29.3

71 34.5 27.8 41.6



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Tgt Ion: 136 Resp: 110494

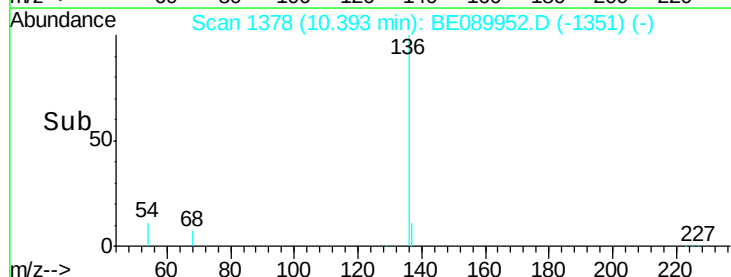
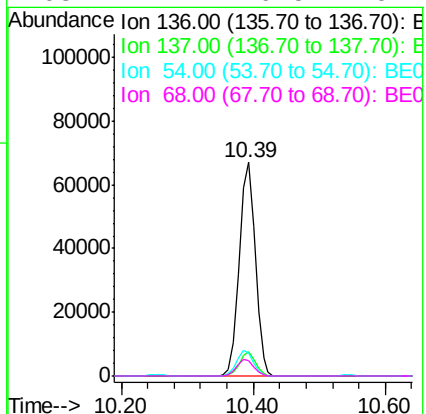
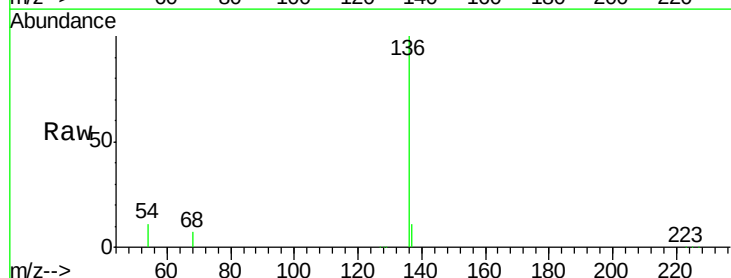
Ion Ratio Lower Upper

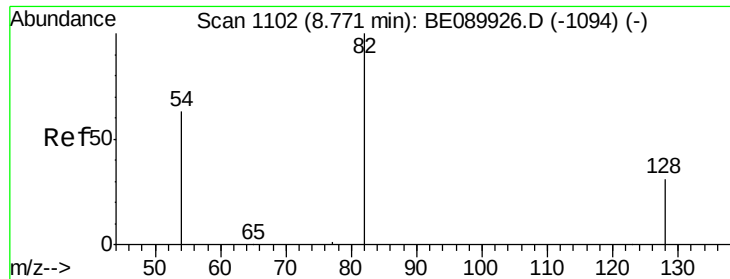
136 100

137 11.1 8.7 13.1

54 10.9 9.7 14.5

68 7.4 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.30 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

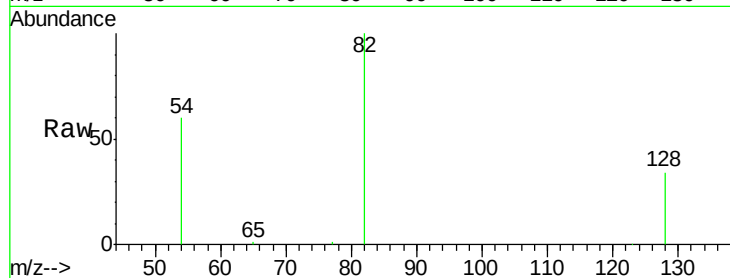
Tgt Ion: 82 Resp: 27182

Ion Ratio Lower Upper

82 100

128 34.3 25.6 38.4

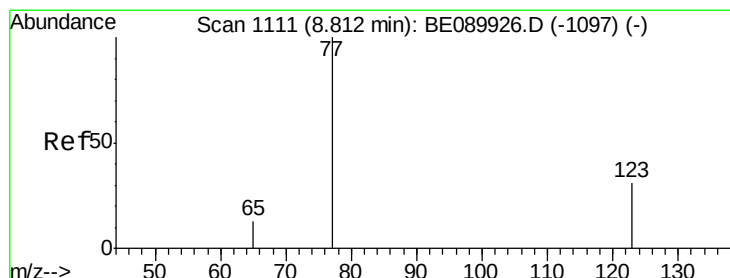
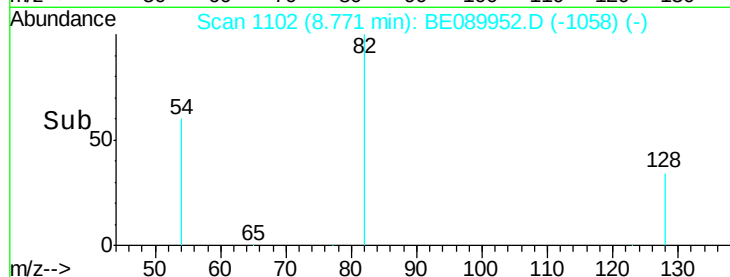
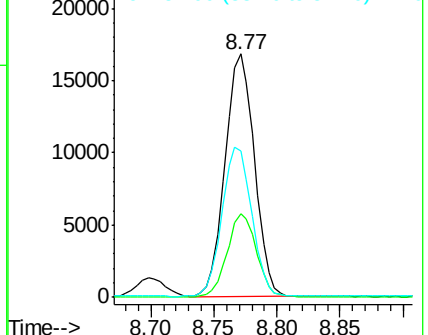
54 60.1 51.2 76.8



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: 3.22 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

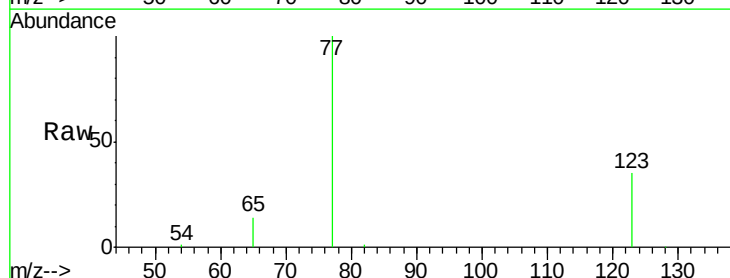
Tgt Ion: 77 Resp: 28188

Ion Ratio Lower Upper

77 100

123 34.7 26.6 39.8

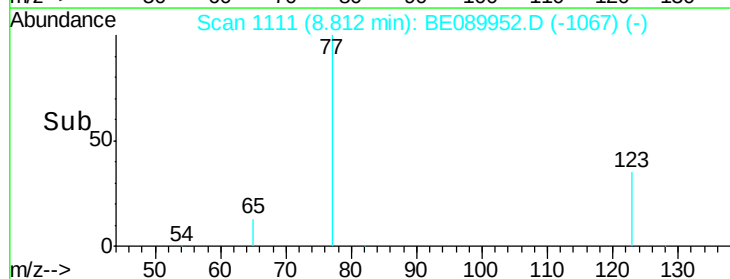
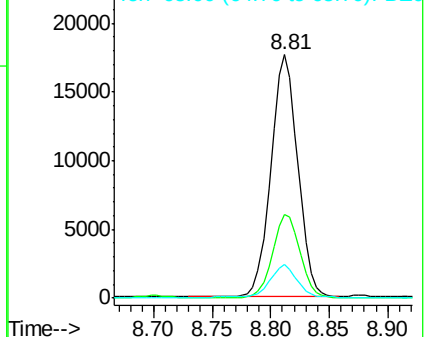
65 13.2 10.2 15.4

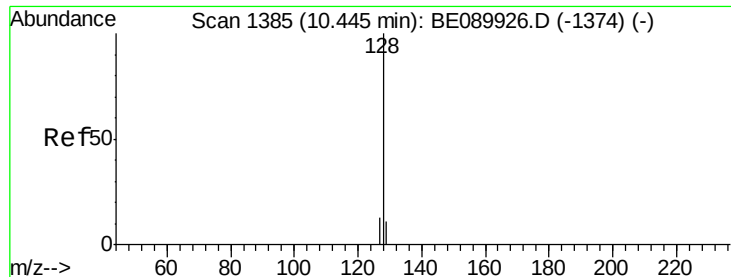


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.06 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

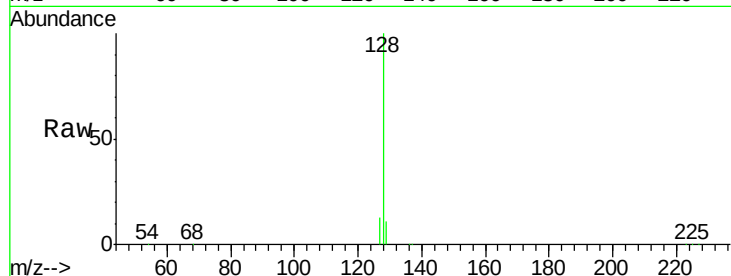
Tgt Ion:128 Resp: 75116

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

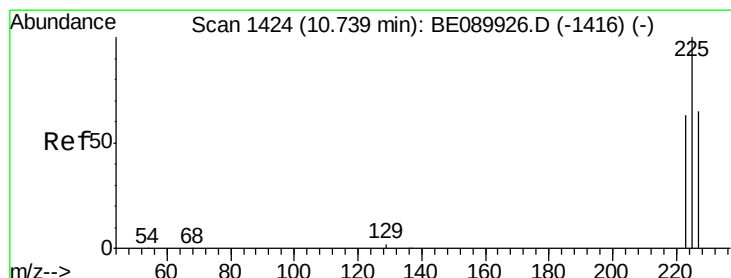
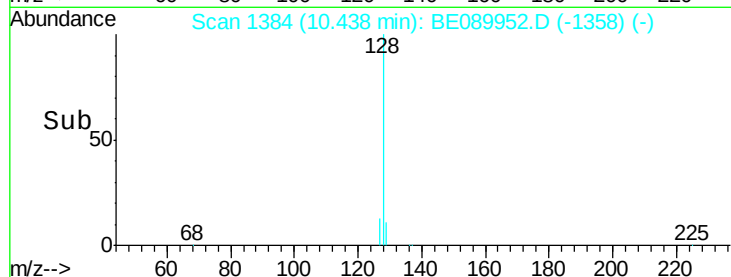
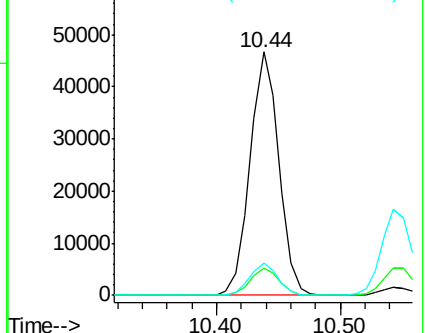
127 13.1 10.2 15.4



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: 2.88 ng

RT: 10.74 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

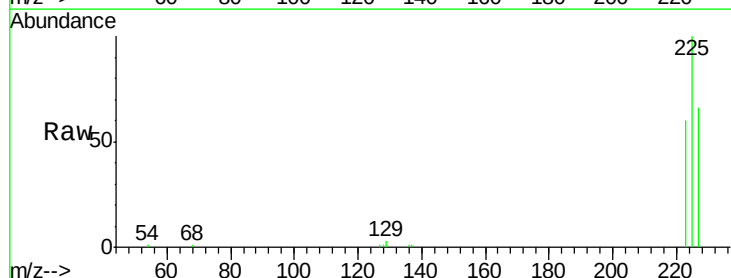
Tgt Ion:225 Resp: 11186

Ion Ratio Lower Upper

225 100

223 62.6 50.0 75.0

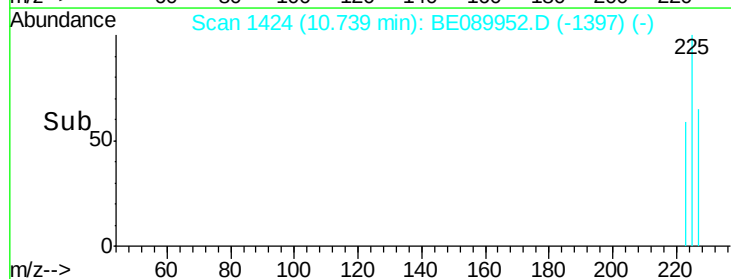
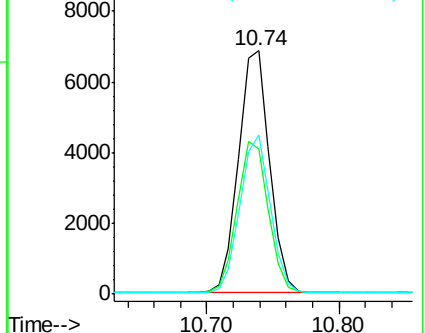
227 63.7 50.7 76.1

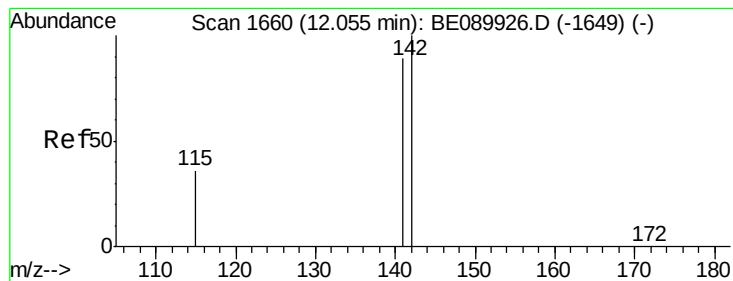


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.26 ng

RT: 12.05 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

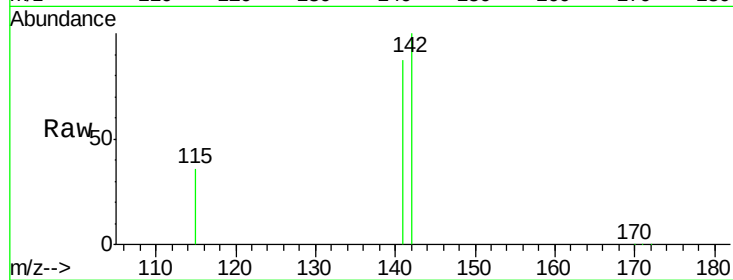
Tgt Ion:142 Resp: 54802

Ion Ratio Lower Upper

142 100

141 87.4 71.1 106.7

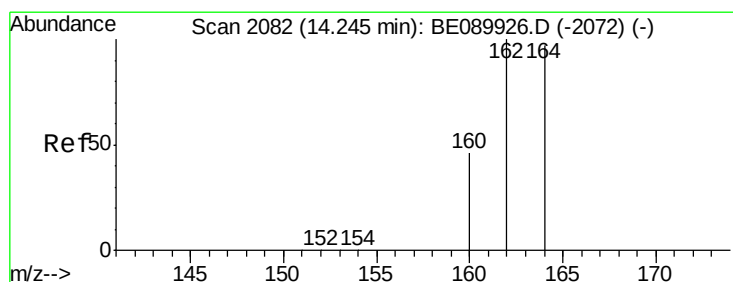
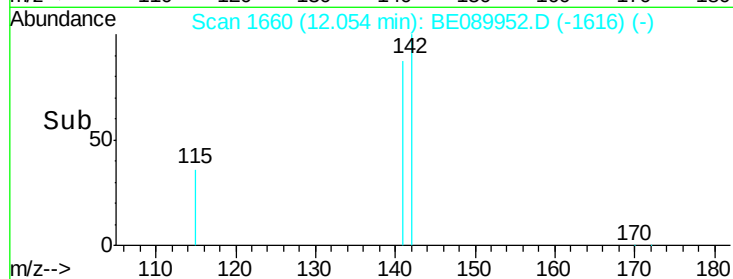
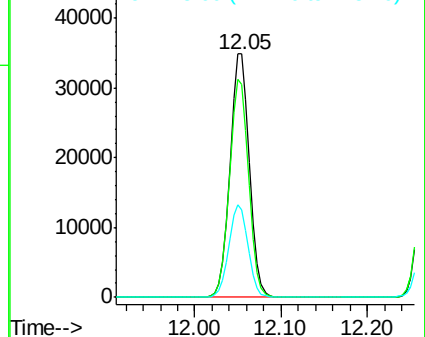
115 35.7 29.1 43.7



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# 2082

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

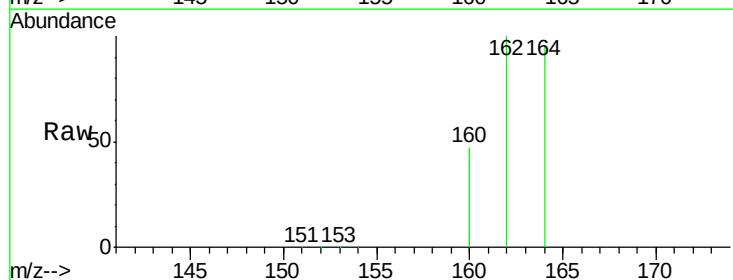
Tgt Ion:164 Resp: 70116

Ion Ratio Lower Upper

164 100

162 104.6 82.7 124.1

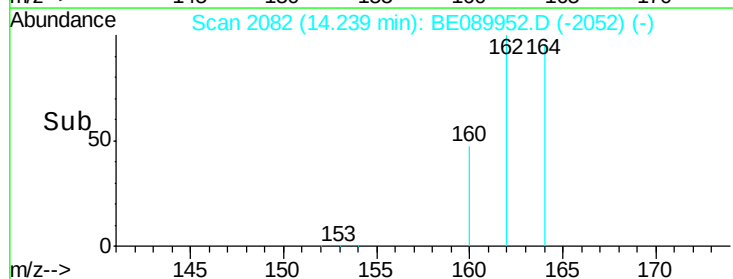
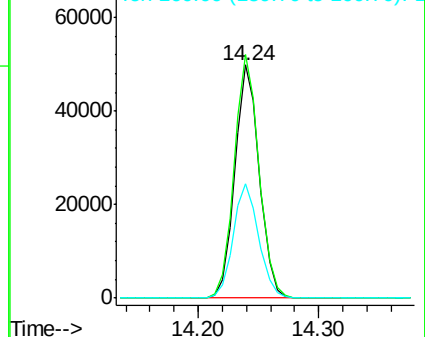
160 48.9 38.3 57.5

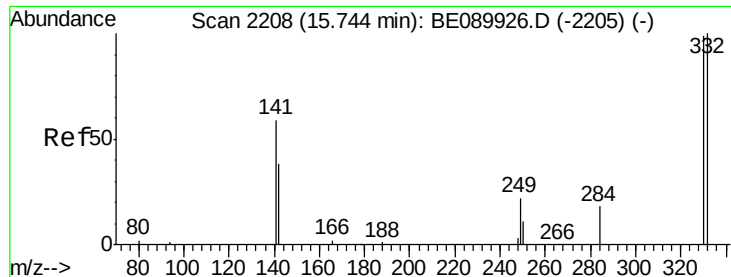


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

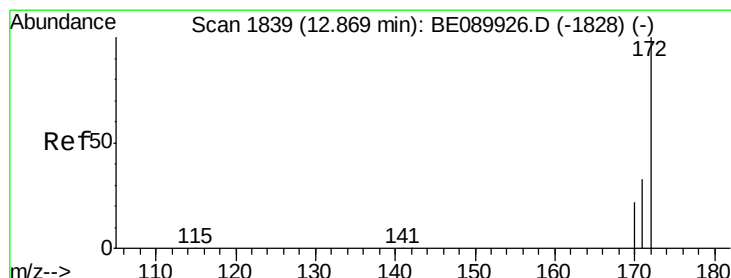
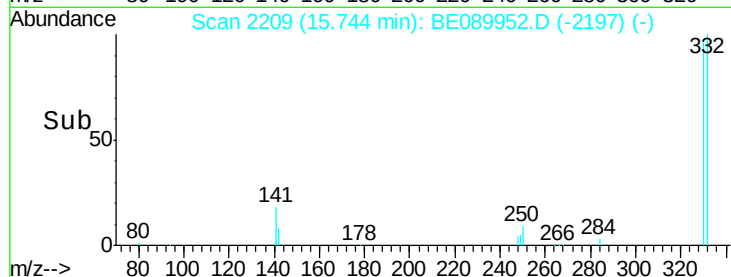
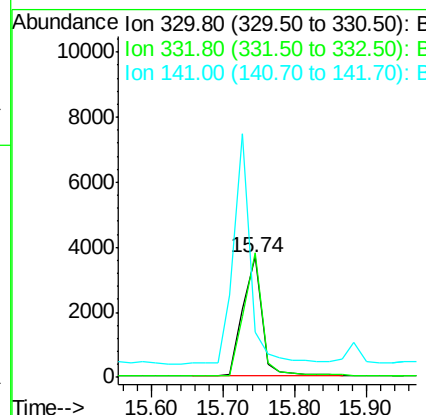
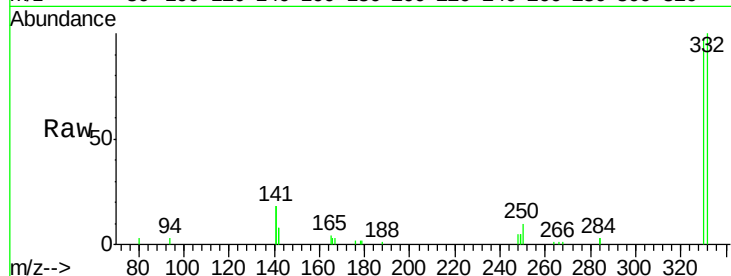




#13
 2,4,6-Tribromophenol
 Concen: 5.57 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

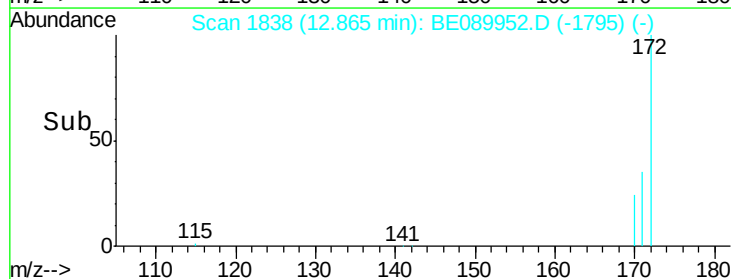
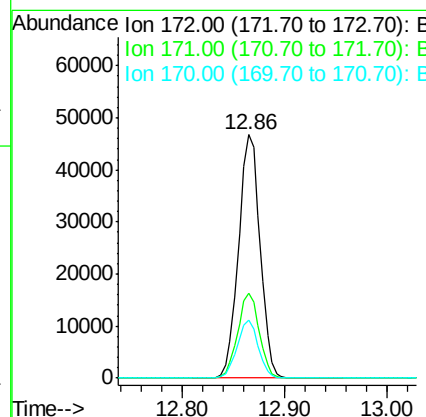
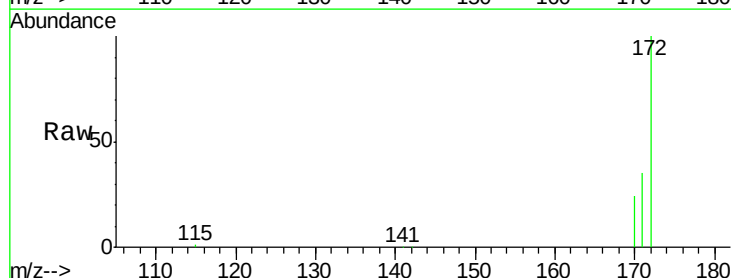
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BSD

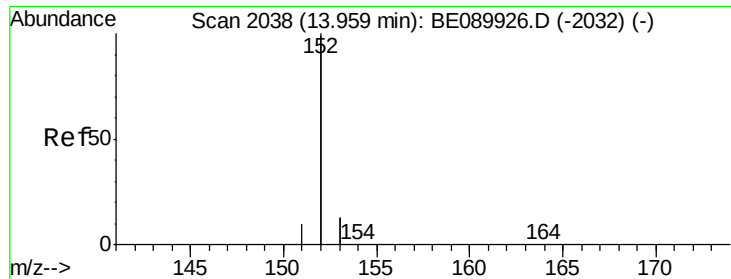
Tgt Ion:330 Resp: 6772
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.9 116.9
 141 171.2 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 3.31 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

Tgt Ion:172 Resp: 67635
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.7 40.1
 170 23.7 17.5 26.3





#15

Acenaphthylene

Concen: 3.19 ng

RT: 13.95 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

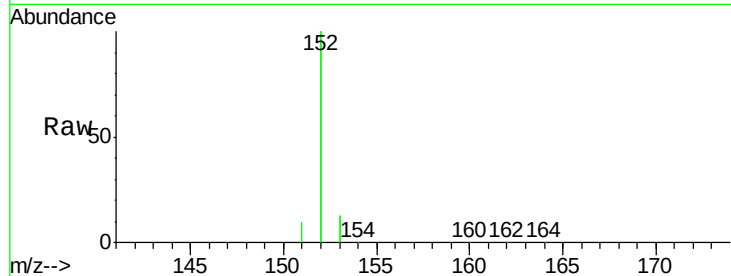
Tgt Ion:152 Resp: 391594

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

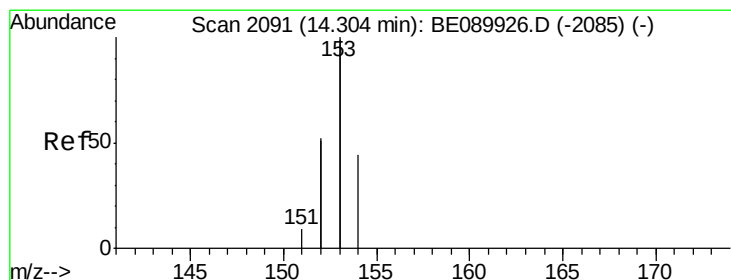
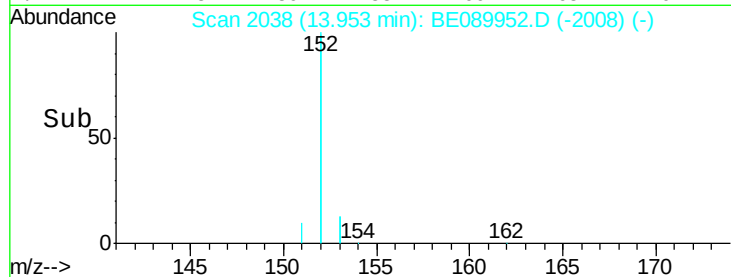
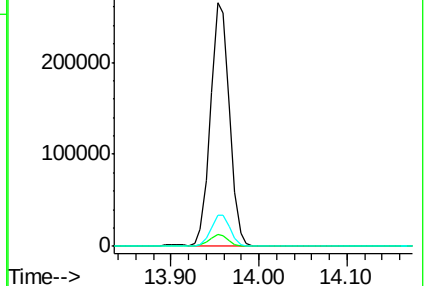
153 13.1 10.4 15.6



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: 3.27 ng

RT: 14.30 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

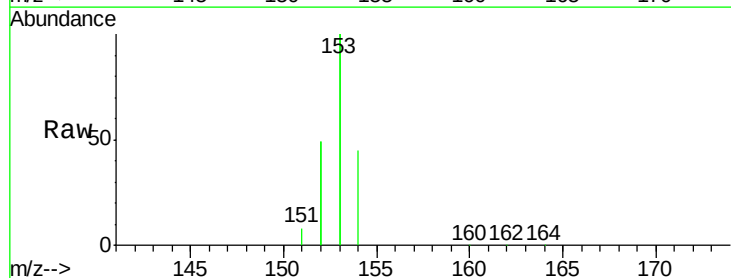
Tgt Ion:154 Resp: 59128

Ion Ratio Lower Upper

154 100

153 445.7 362.8 544.2

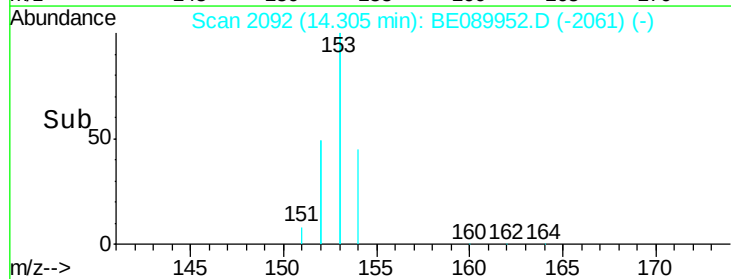
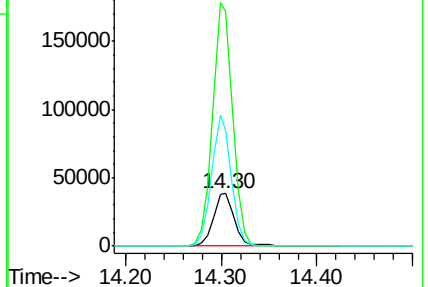
152 234.5 194.6 291.8

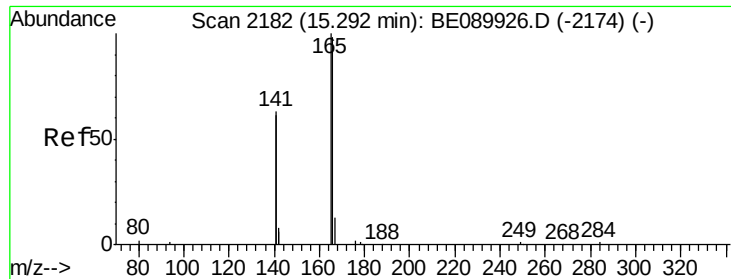


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

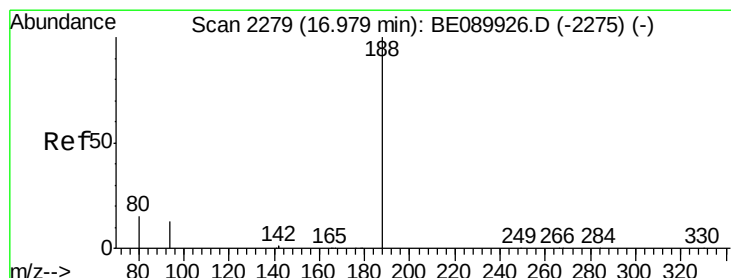
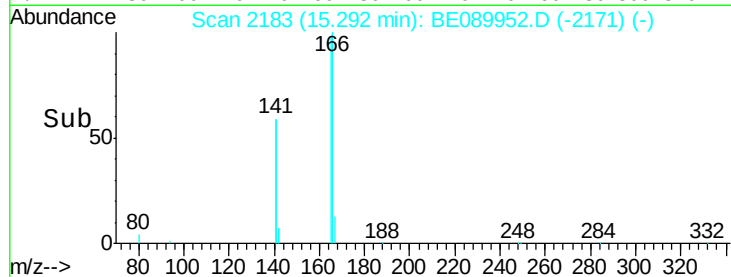
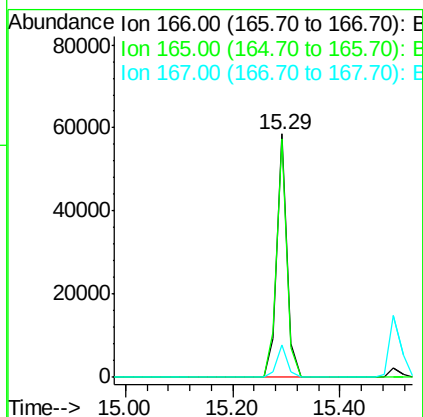
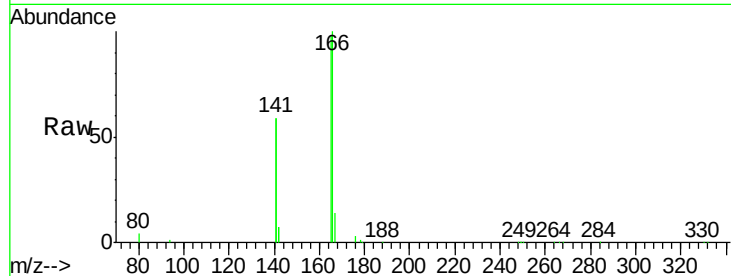




#17
 Fluorene
 Concen: 3.52 ng
 RT: 15.29 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

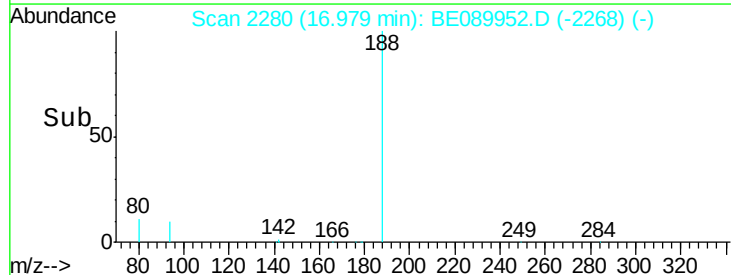
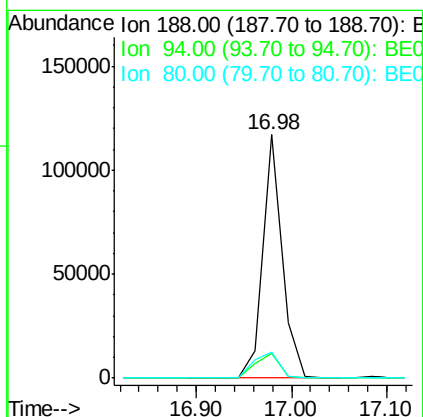
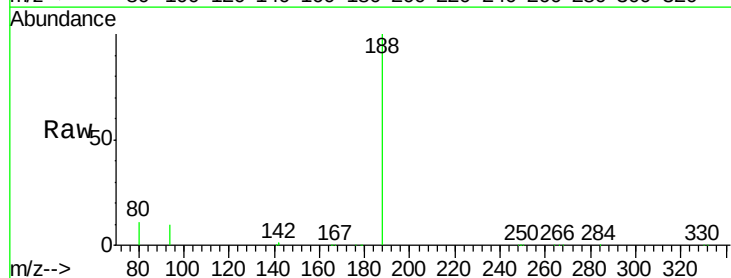
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BSD

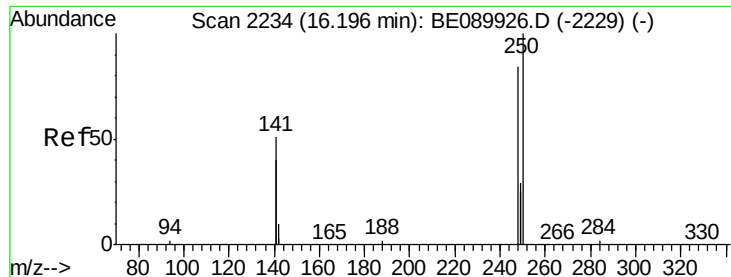
Tgt Ion:166 Resp: 79575
 Ion Ratio Lower Upper
 166 100
 165 99.5 81.1 121.7
 167 13.7 11.8 17.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

Tgt Ion:188 Resp: 164744
 Ion Ratio Lower Upper
 188 100
 94 10.0 10.6 16.0#
 80 10.8 11.8 17.6#

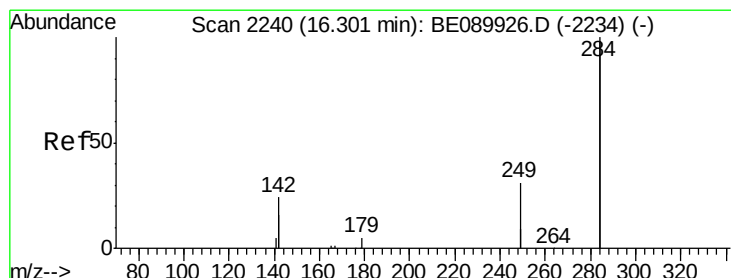
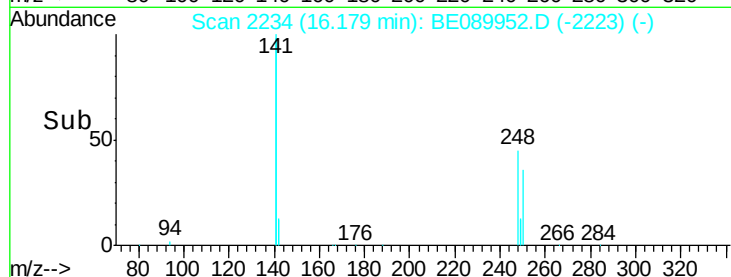
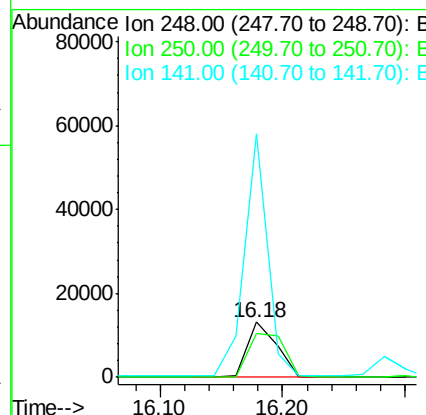
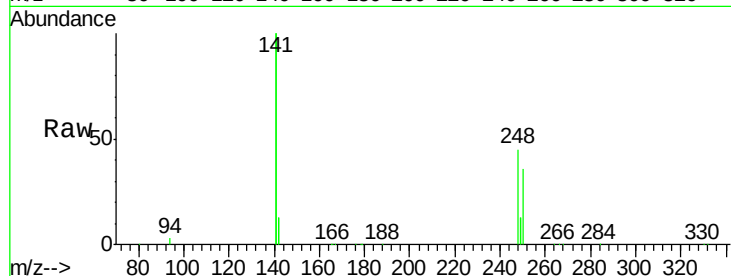




#19
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

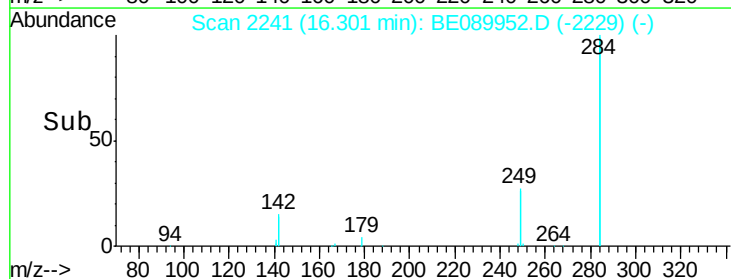
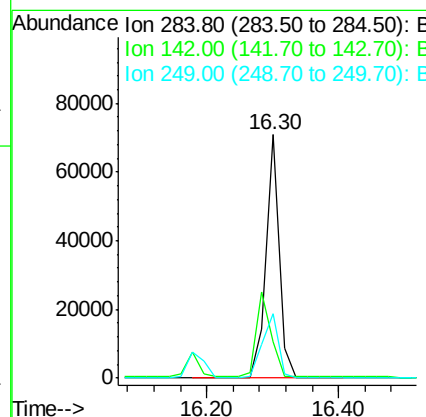
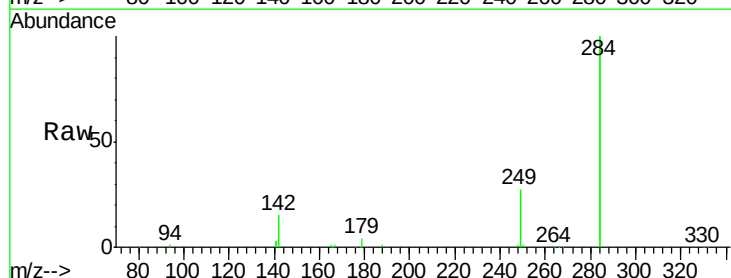
Instrument :
BNA_E
ClientSampleId :
PB84222BSD

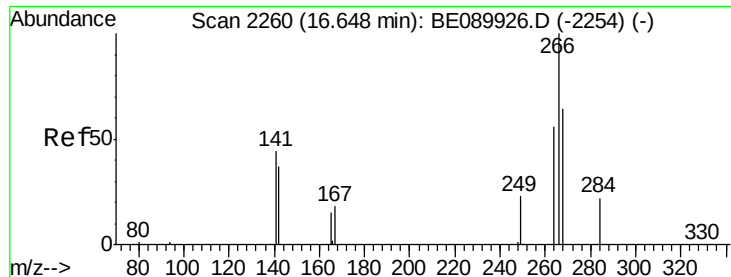
Tgt Ion:248 Resp: 21942
Ion Ratio Lower Upper
248 100
250 98.2 79.3 118.9
141 345.3 274.1 411.1



#20
Hexachlorobenzene
Concen: 3.32 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:284 Resp: 97711
Ion Ratio Lower Upper
284 100
142 39.1 32.0 48.0
249 31.5 25.0 37.6

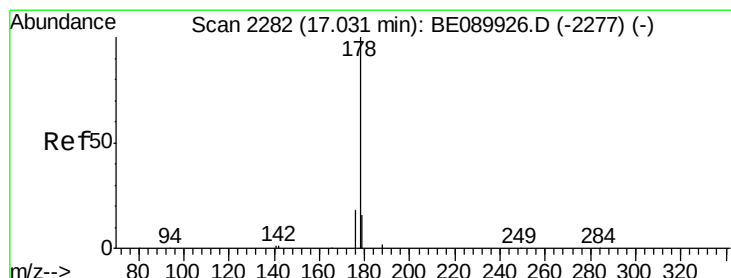
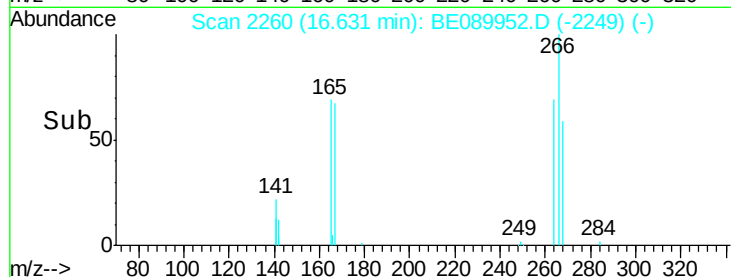
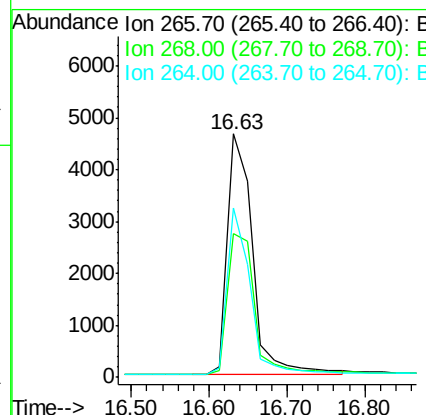
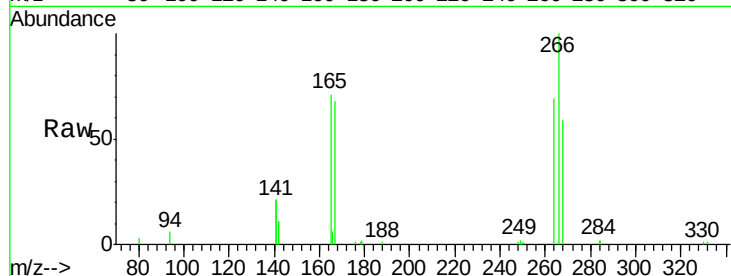




#21
 Pentachlorophenol
 Concen: 6.54 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

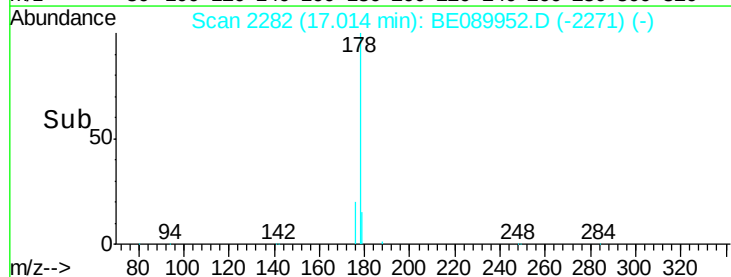
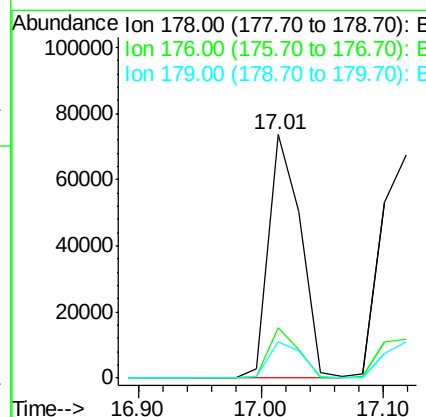
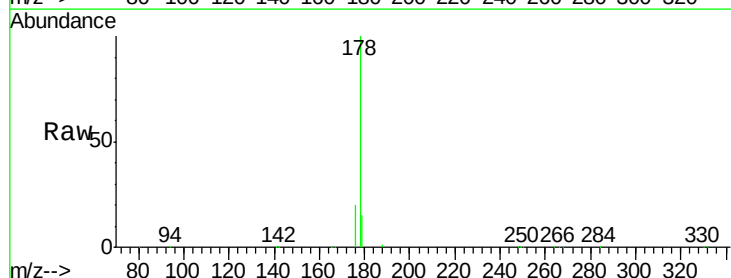
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BSD

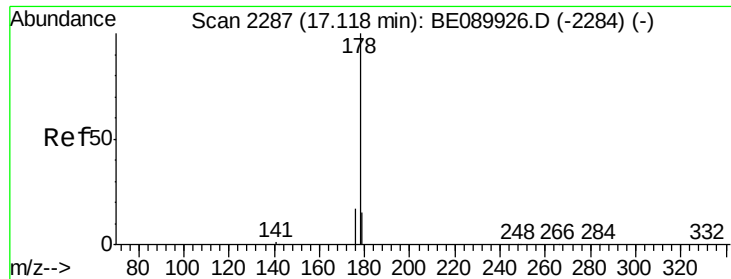
Tgt Ion:266 Resp: 10436
 Ion Ratio Lower Upper
 266 100
 268 59.2 54.4 81.6
 264 69.3 48.2 72.2



#22
 Phenanthrene
 Concen: 3.24 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

Tgt Ion:178 Resp: 134053
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0





#23

Anthracene

Concen: 3.40 ng

RT: 17.12 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

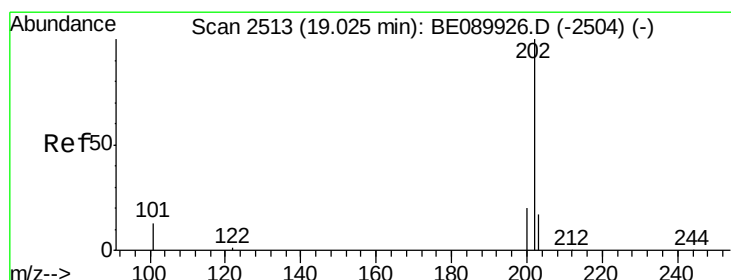
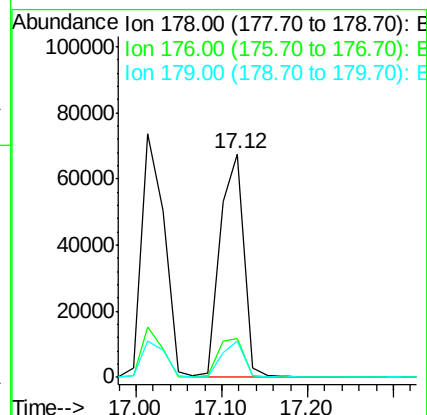
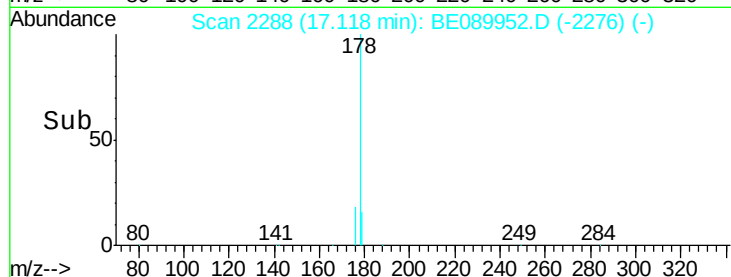
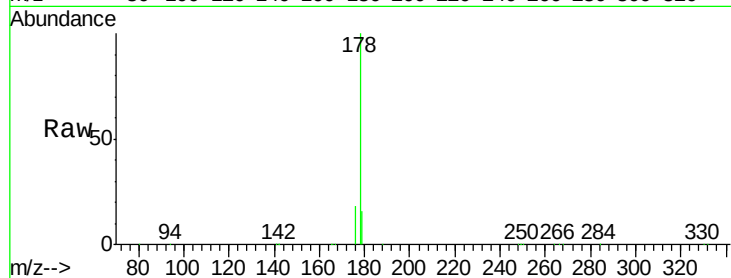
Tgt Ion:178 Resp: 130496

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.6 12.3 18.5



#24

Fluoranthene

Concen: 3.41 ng

RT: 19.02 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

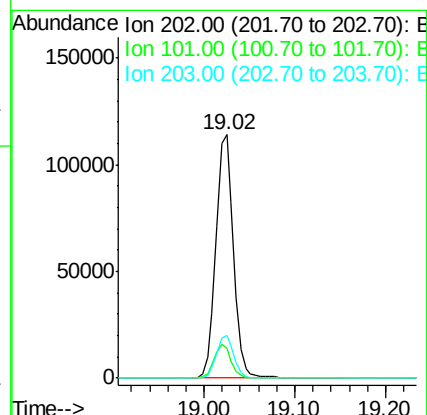
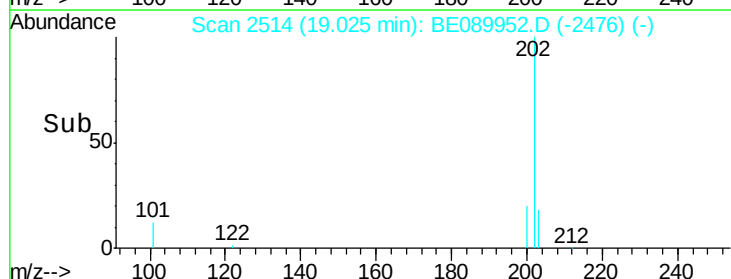
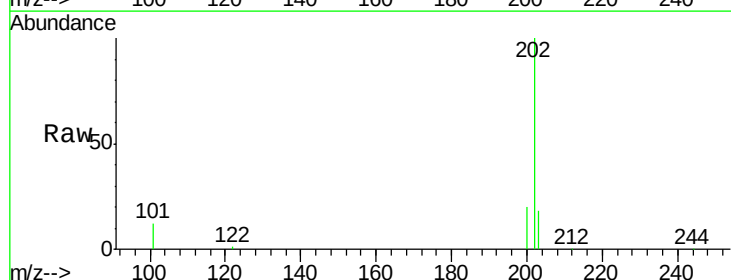
Tgt Ion:202 Resp: 153136

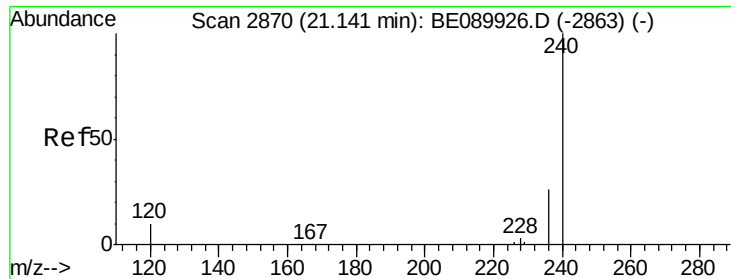
Ion Ratio Lower Upper

202 100

101 13.2 10.6 16.0

203 17.3 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

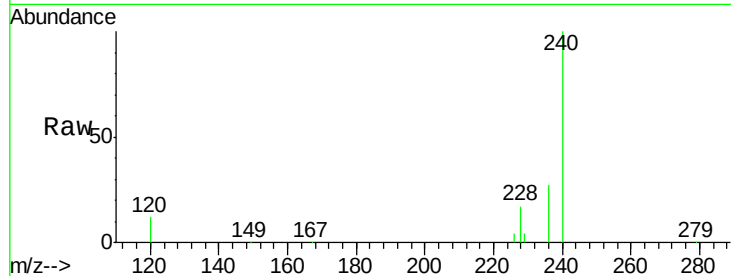
Tgt Ion:240 Resp: 185289

Ion Ratio Lower Upper

240 100

120 12.2 7.9 11.9#

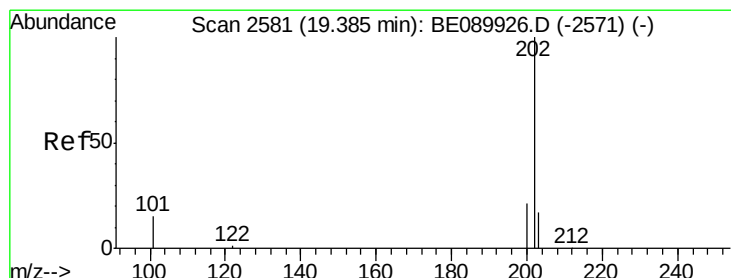
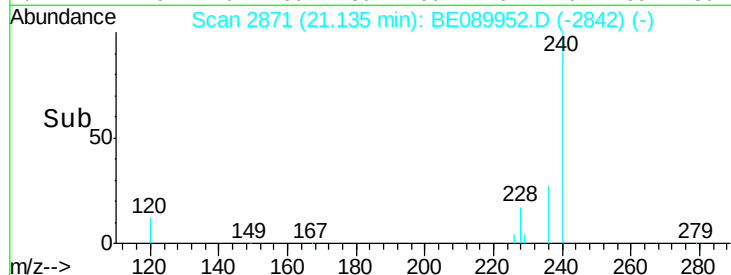
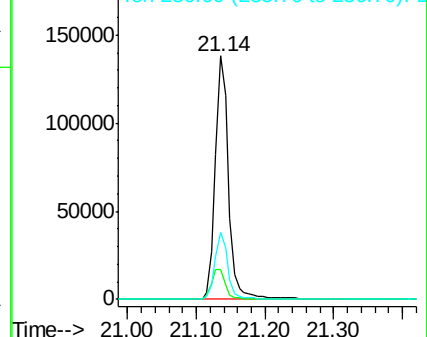
236 27.5 21.2 31.8



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



#26

Pyrene

Concen: 3.43 ng

RT: 19.39 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

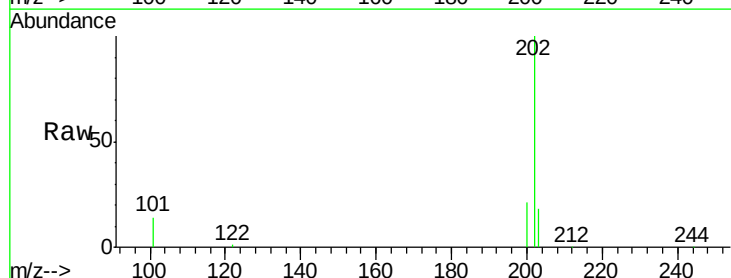
Tgt Ion:202 Resp: 161045

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

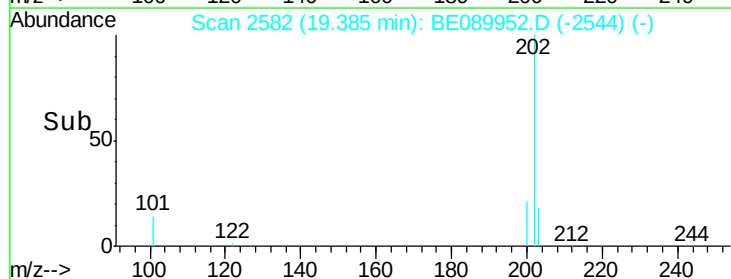
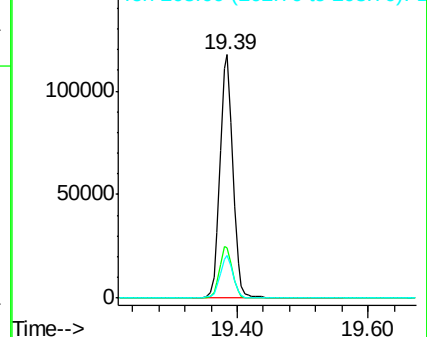
203 18.0 13.9 20.9

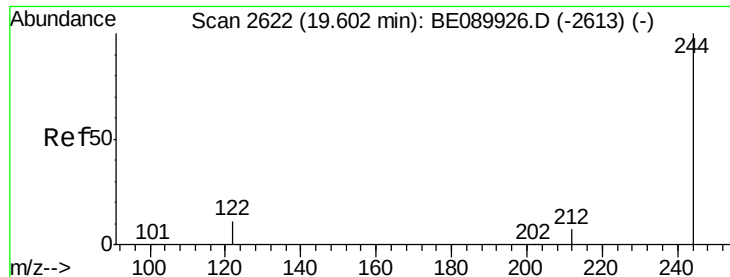


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

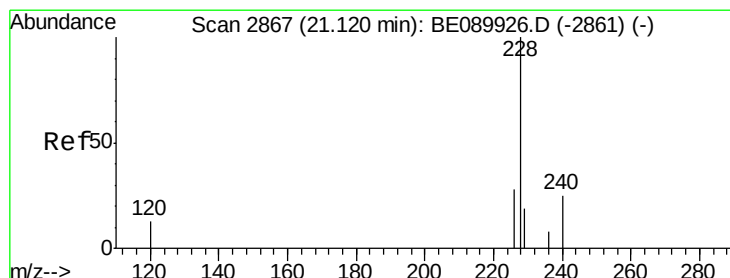
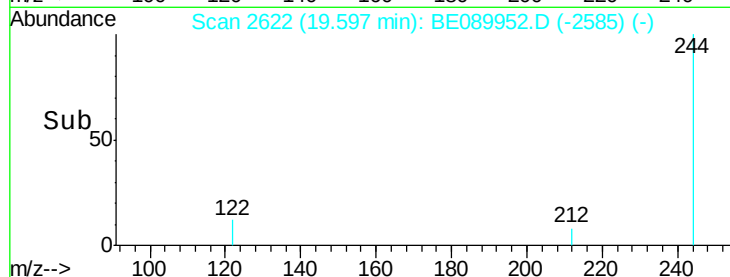
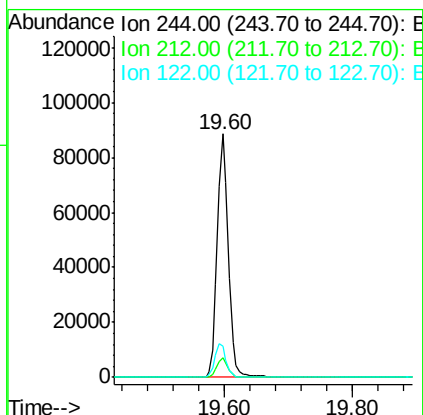
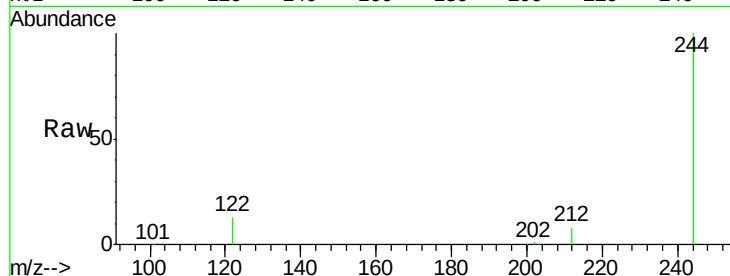




#27
 Terphenyl-d14
 Concen: 3.36 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

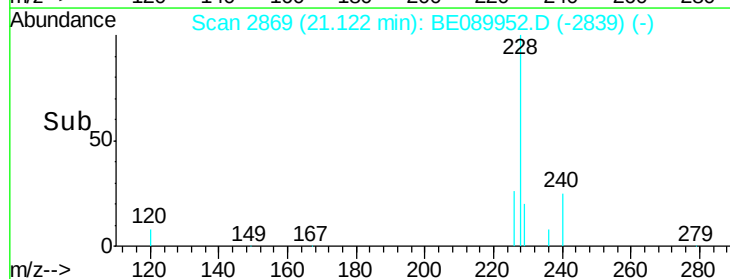
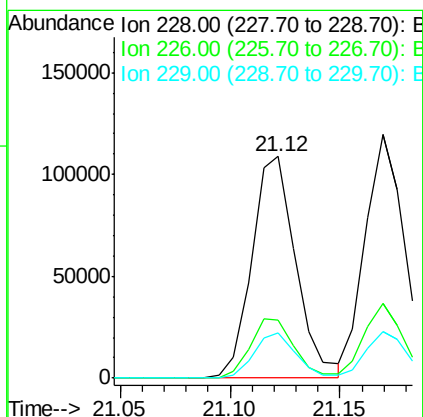
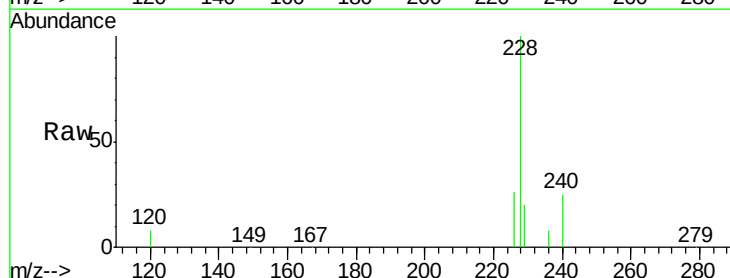
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BSD

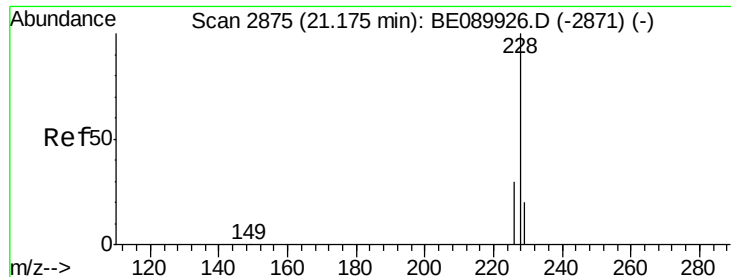
Tgt Ion: 244 Resp: 107405
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 12.6 8.7 13.1



#28
 Benzo(a)anthracene
 Concen: 3.41 ng
 RT: 21.12 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: BE089952.D
 Acq: 26 Jun 2015 20:49

Tgt Ion: 228 Resp: 151111
 Ion Ratio Lower Upper
 228 100
 226 26.2 22.2 33.4
 229 20.3 15.3 22.9





#29

Chrysene

Concen: 3.25 ng

RT: 21.17 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

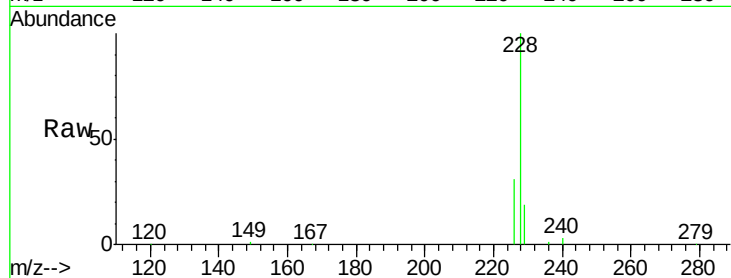
Tgt Ion:228 Resp: 157578

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

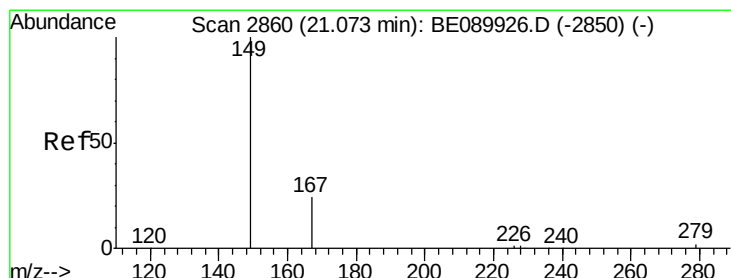
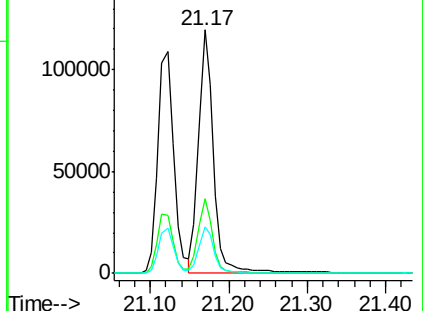
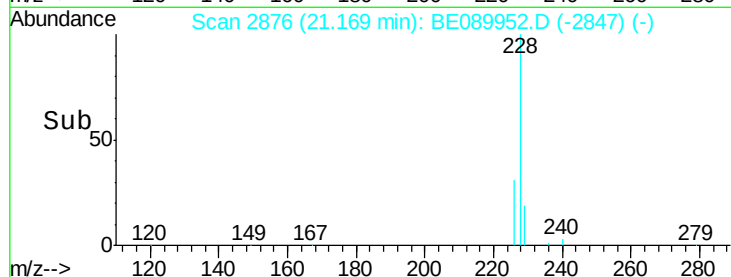
229 19.2 15.8 23.8



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: 4.51 ng

RT: 21.07 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

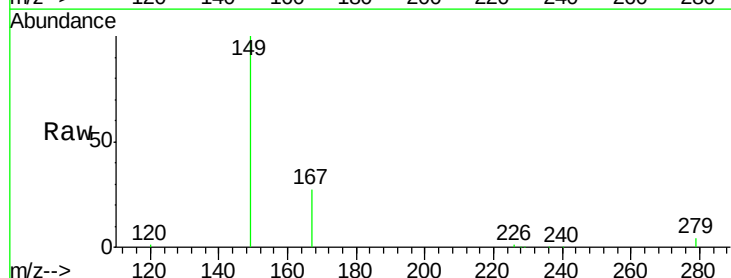
Tgt Ion:149 Resp: 17040

Ion Ratio Lower Upper

149 100

167 25.1 20.3 30.5

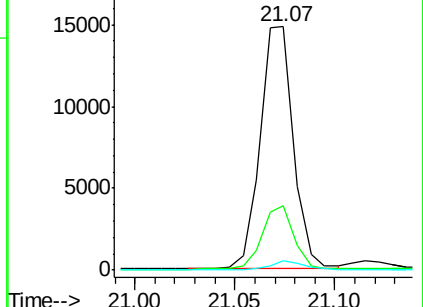
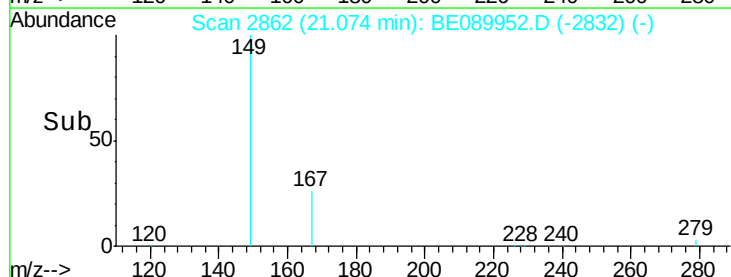
279 3.0 2.7 4.1

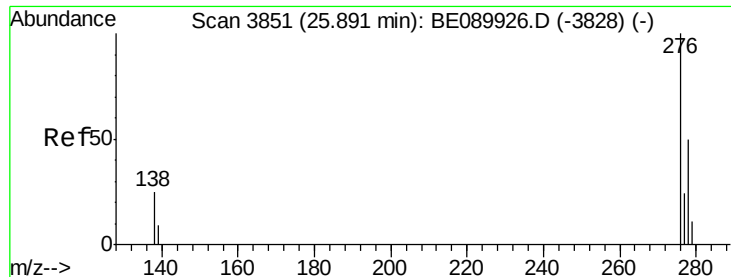


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.83 ng

RT: 25.88 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

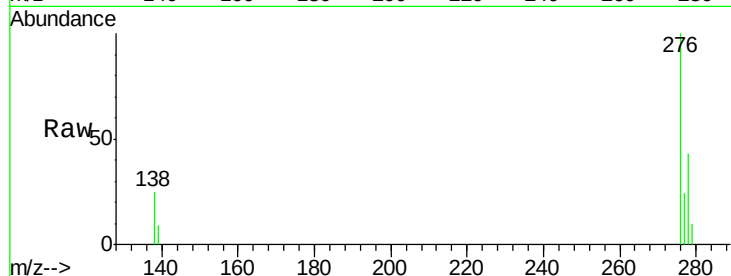
Tgt Ion: 276 Resp: 136303

Ion Ratio Lower Upper

276 100

138 27.3 0.0 0.0#

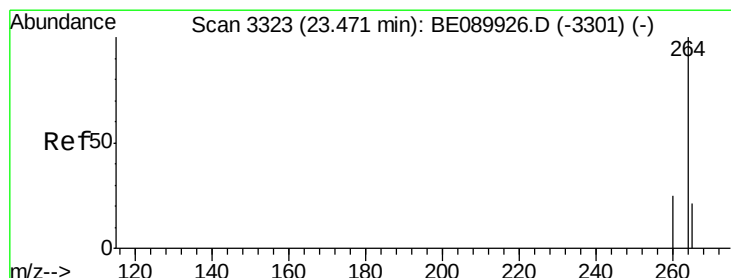
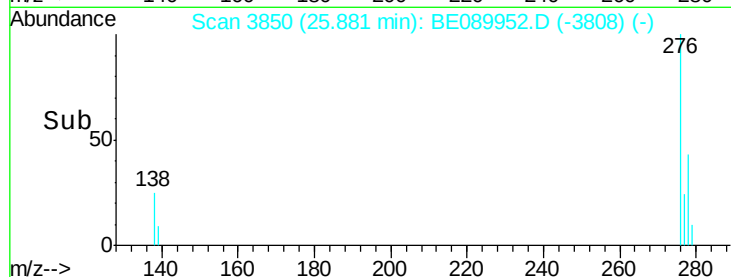
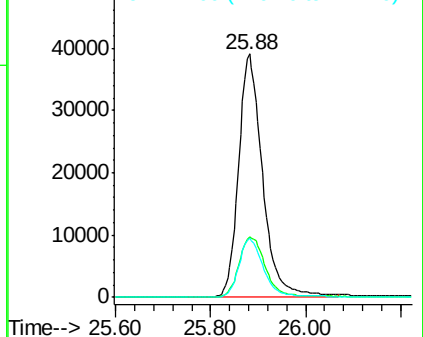
277 24.7 0.0 0.0#



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: 23.47 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

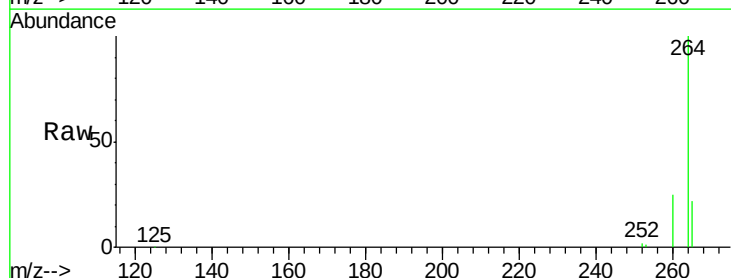
Tgt Ion: 264 Resp: 161715

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.6

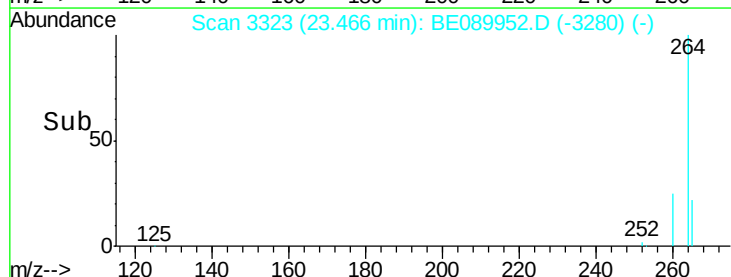
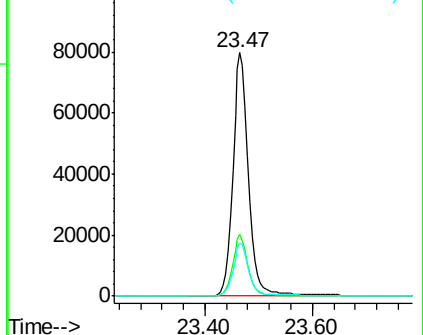
265 21.9 17.3 25.9

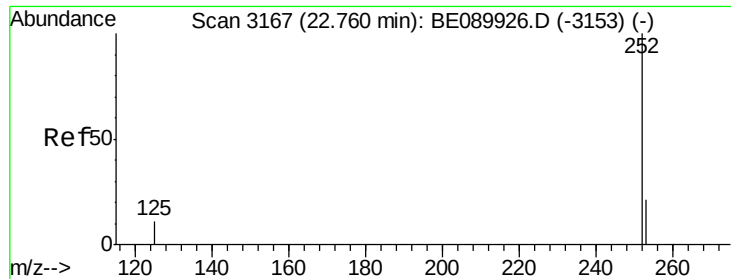


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.72 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

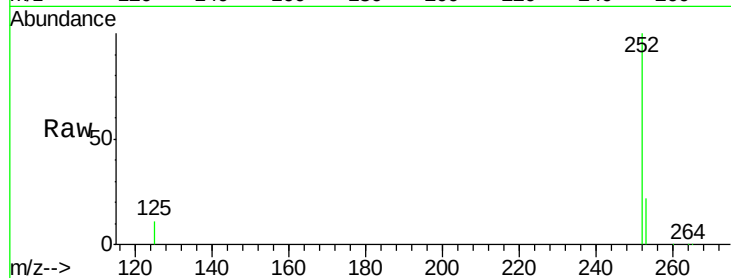
Tgt Ion:252 Resp: 127244

Ion Ratio Lower Upper

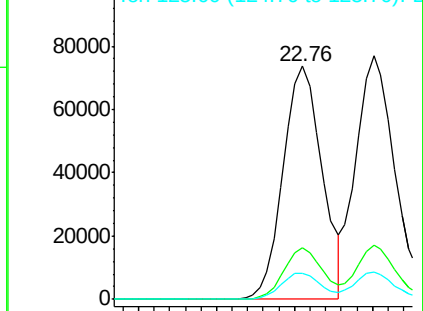
252 100

253 21.9 17.3 25.9

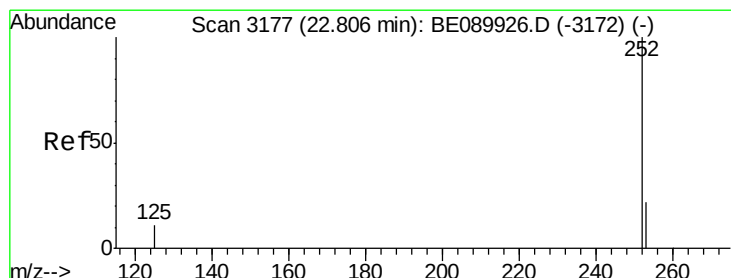
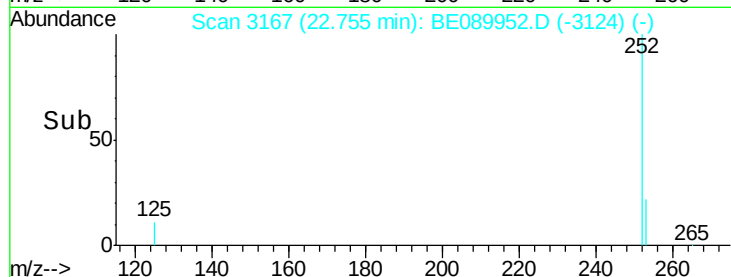
125 11.4 9.3 13.9



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



Time-->



#34

Benzo(k)fluoranthene

Concen: 3.62 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

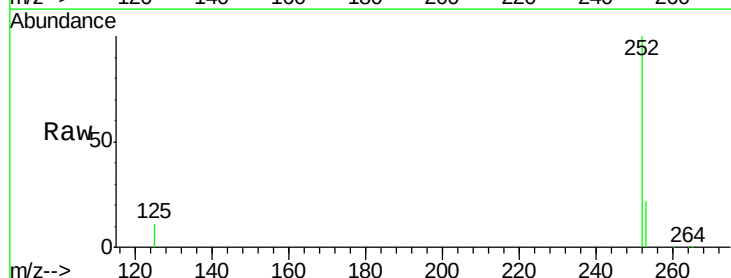
Tgt Ion:252 Resp: 140266

Ion Ratio Lower Upper

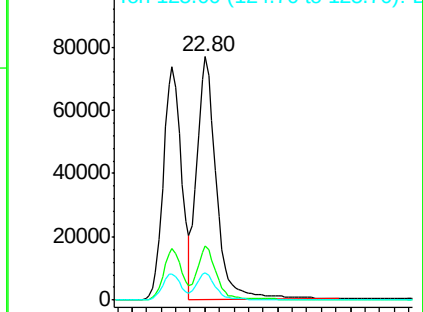
252 100

253 22.1 17.9 26.9

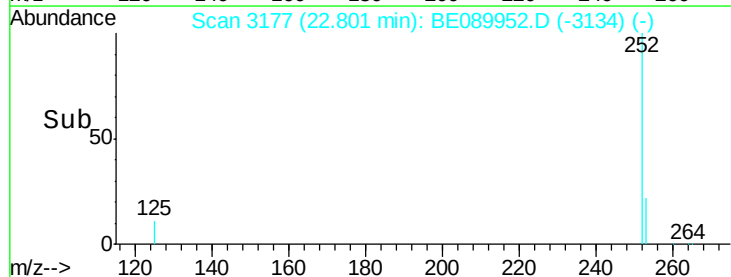
125 11.4 9.2 13.8

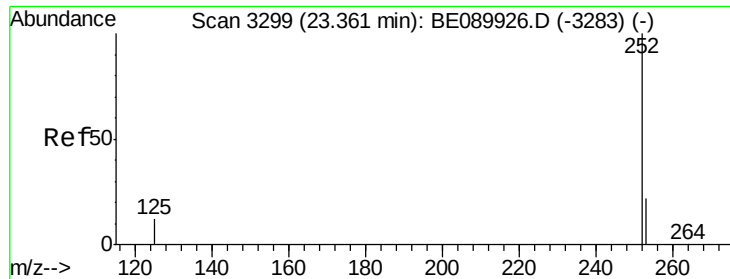


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#35

Benzo(a)pyrene

Concen: 3.91 ng

RT: 23.36 min Scan# 3300

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD

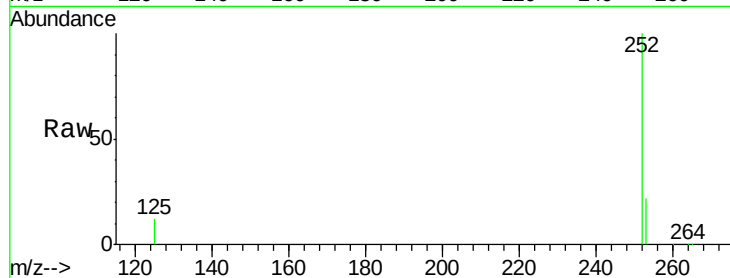
Tgt Ion: 252 Resp: 118797

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

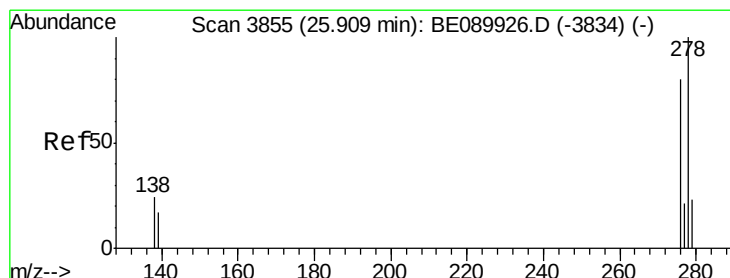
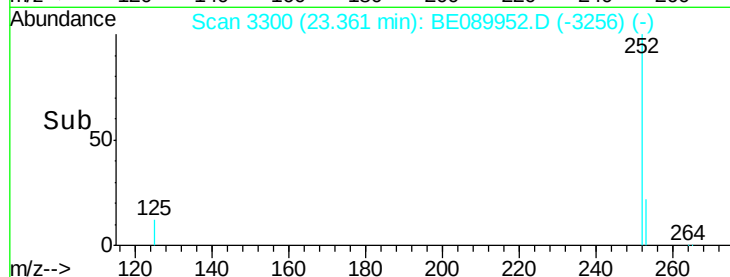
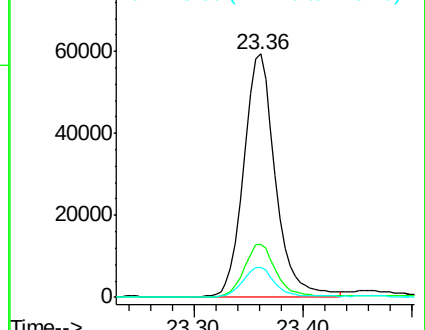
125 12.3 10.3 15.5



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: 3.93 ng

RT: 25.90 min Scan# 3855

Delta R.T. -0.00 min

Lab File: BE089952.D

Acq: 26 Jun 2015 20:49

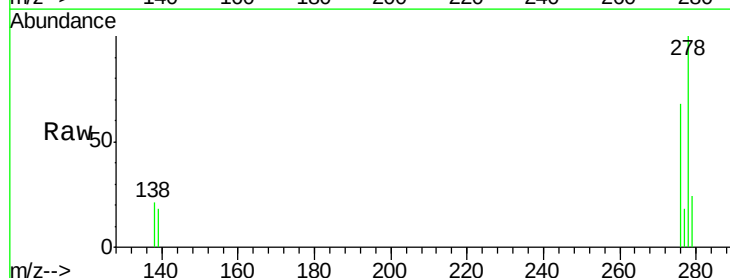
Tgt Ion: 278 Resp: 111154

Ion Ratio Lower Upper

278 100

139 17.6 14.1 21.1

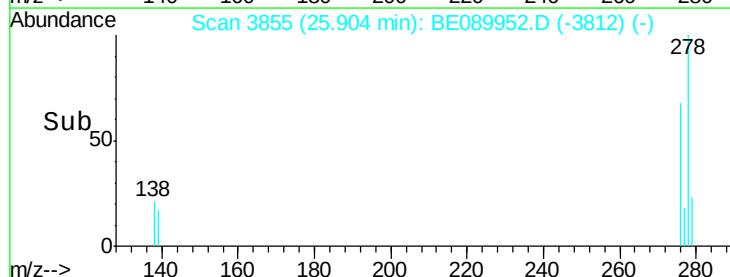
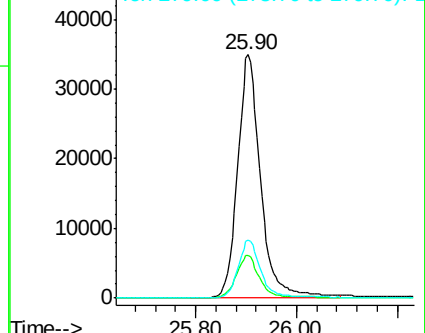
279 23.6 19.0 28.6

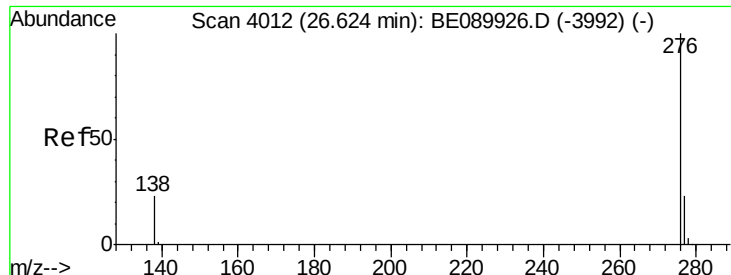


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.80 ng

RT: 26.62 min Scan# 4012

Delta R.T. -0.00 min

Lab File: BE089952.D

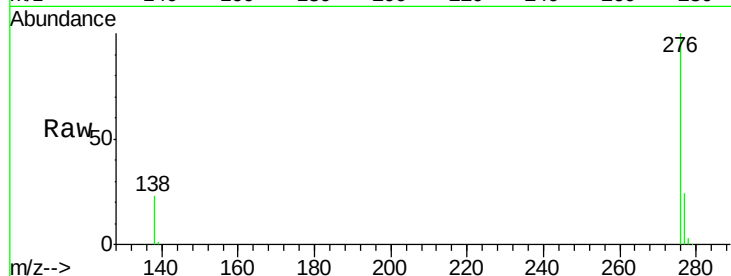
Acq: 26 Jun 2015 20:49

Instrument :

BNA_E

ClientSampleId :

PB84222BSD



Tgt Ion: 276 Resp: 115599

Ion Ratio Lower Upper

276 100

277 24.1 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

