

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
 Data File : BE089926.D
 Acq On : 23 Jun 2015 22:35
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC001

Quant Time: Jun 24 09:17:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:11:03 2015
 Response via : Initial Calibration

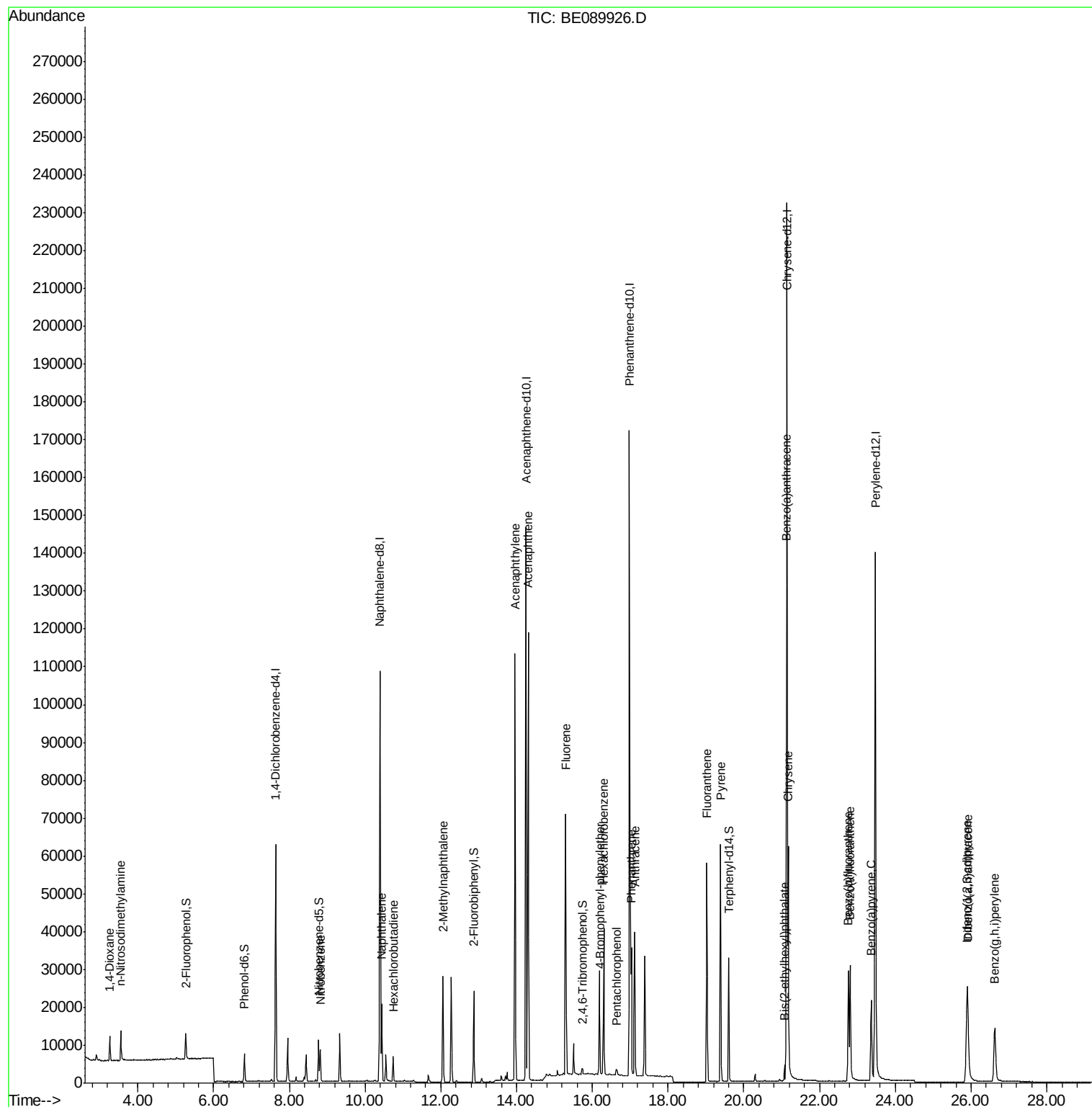
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29381	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	134558	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	84165	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	207721	5.00	ng	0.00
25) Chrysene-d12	21.14	240	222554	5.00	ng	0.00
32) Perylene-d12	23.47	264	195570	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	4991	0.75	ng	0.00
5) Phenol-d6	6.81	99	7531	0.87	ng	0.00
7) Nitrobenzene-d5	8.77	82	8961	0.87	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	902	0.38	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	22032	0.76	ng	0.00
27) Terphenyl-d14	19.60	244	34925	1.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3377	1.01	ng	99
3) n-Nitrosodimethylamine	3.55	42	4828	0.94	ng	99
8) Nitrobenzene	8.81	77	9481	0.86	ng	100
9) Naphthalene	10.45	128	27706	0.86	ng	100
10) Hexachlorobutadiene	10.74	225	4396	0.81	ng	100
11) 2-Methylnaphthalene	12.05	142	18622	0.90	ng	100
15) Acenaphthylene	13.96	152	137498	2.63	ng	100
16) Acenaphthene	14.30	154	20506	0.84	ng	100
17) Fluorene	15.29	166	27249	1.24	ng	100
19) 4-Bromophenyl-phenylether	16.20	248	7393	0.87	ng	99
20) Hexachlorobenzene	16.30	284	33402	3.39	ng	100
21) Pentachlorophenol	16.65	266	1062	0.44	ng	100
22) Phenanthrene	17.03	178	46745	0.68	ng	100
23) Anthracene	17.12	178	43761	1.38	ng	100
24) Fluoranthene	19.02	202	51343	1.11	ng	100
26) Pyrene	19.38	202	53506	0.71	ng	100
28) Benzo(a)anthracene	21.12	228	48684	0.75	ng	100
29) Chrysene	21.17	228	52240	0.76	ng	100
30) Bis(2-ethylhexyl)phthalate	21.07	149	3820	0.11	ng	100
31) Indeno(1,2,3-cd)pyrene	25.89	276	40406	0.63	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	39169	0.64	ng	100
34) Benzo(k)fluoranthene	22.81	252	44057	0.78	ng	100
35) Benzo(a)pyrene	23.36	252	34130	0.66	ng	100
36) Dibenzo(a,h)anthracene	25.91	278	31704	0.62	ng	100
37) Benzo(g,h,i)perylene	26.62	276	34438	0.64	ng	100

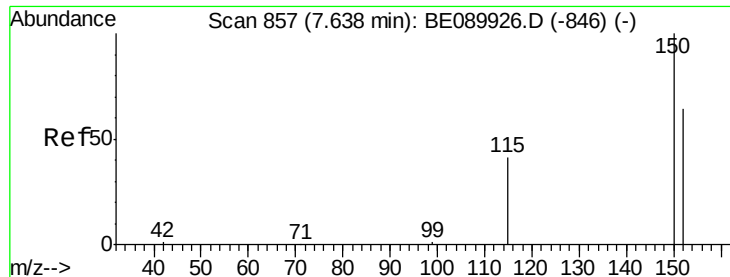
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089926.D
Acq On : 23 Jun 2015 22:35
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Quant Time: Jun 24 09:17:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration



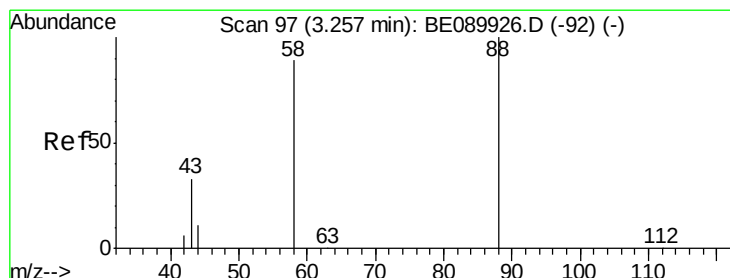
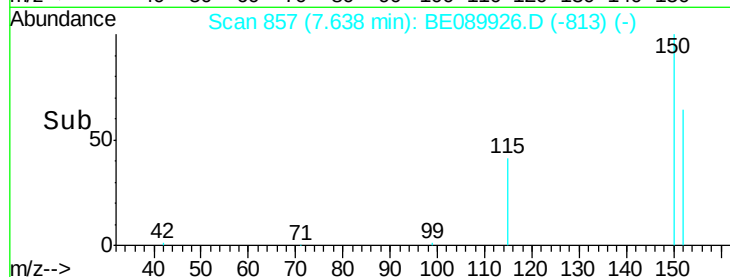
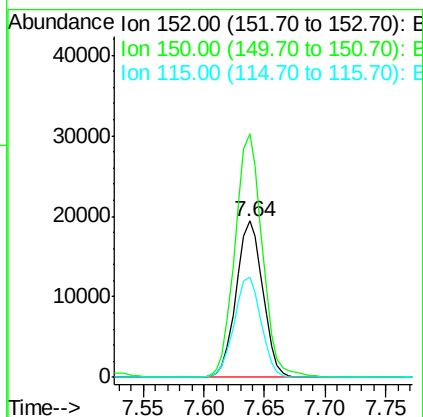
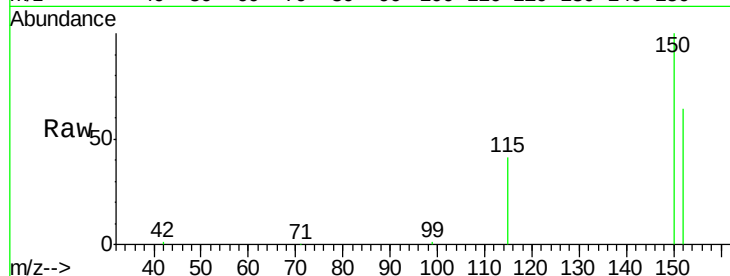


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089926.D
Acq: 23 Jun 2015 22:35

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

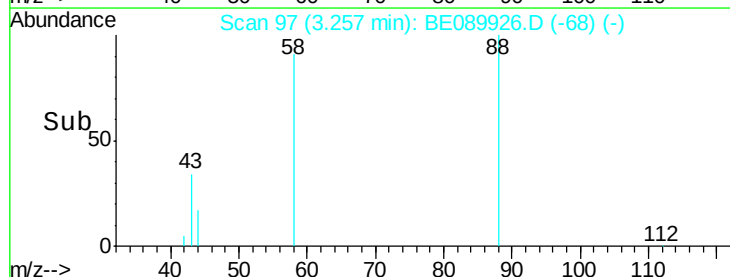
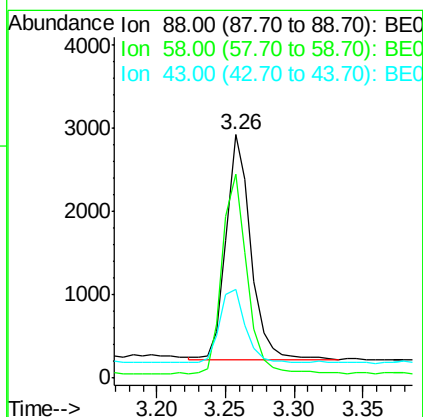
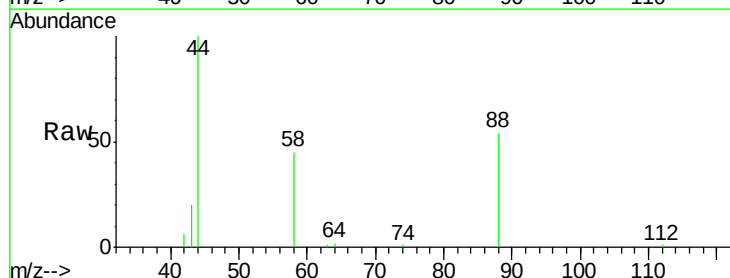
Tgt Ion:152 Resp: 29381
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 64.5 51.6 77.4

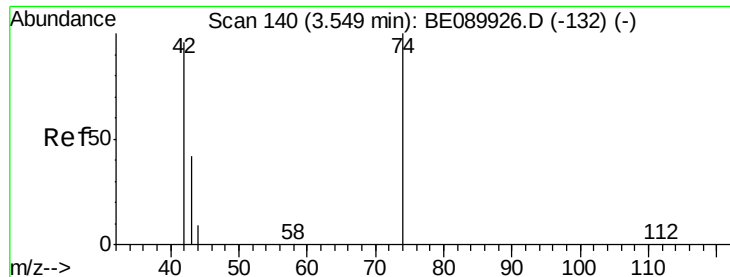


#2

1,4-Dioxane
Concen: 1.01 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089926.D
Acq: 23 Jun 2015 22:35

Tgt Ion: 88 Resp: 3377
Ion Ratio Lower Upper
88 100
58 88.5 70.8 106.2
43 34.7 26.8 40.2





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.55 min Scan# 140

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

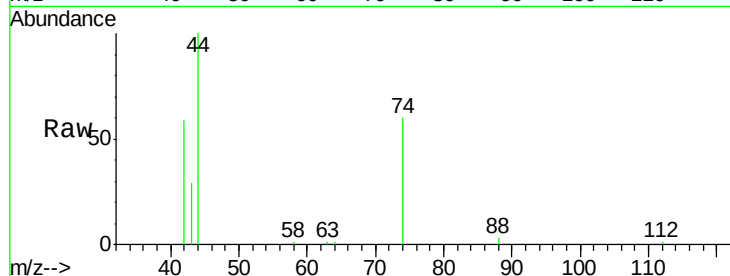
Tgt Ion: 42 Resp: 4828

Ion Ratio Lower Upper

42 100

74 107.7 85.4 128.2

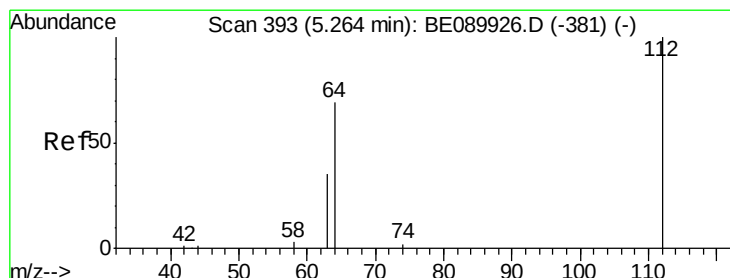
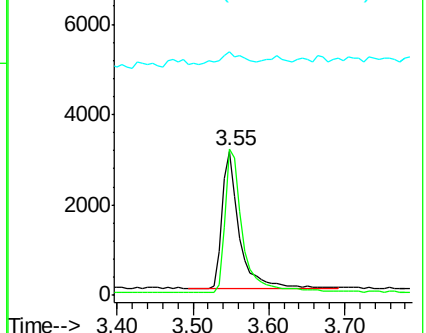
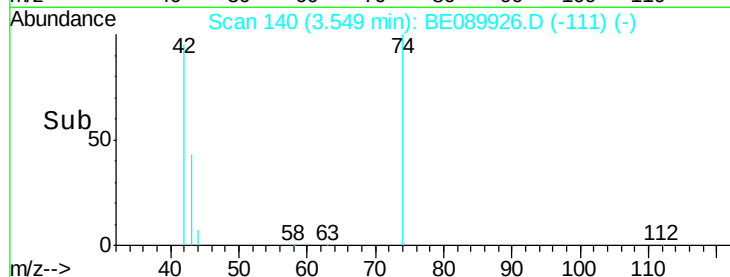
44 11.8 8.4 12.6



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: 0.75 ng

RT: 5.26 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

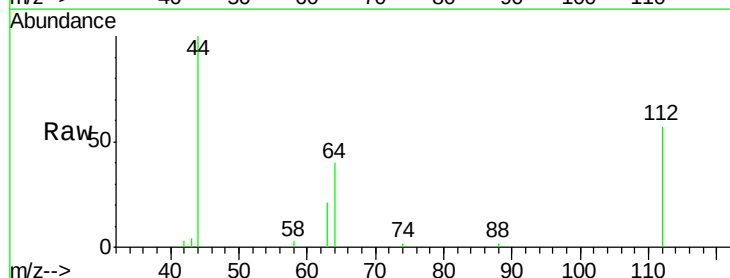
Tgt Ion: 112 Resp: 4991

Ion Ratio Lower Upper

112 100

64 71.8 57.4 86.2

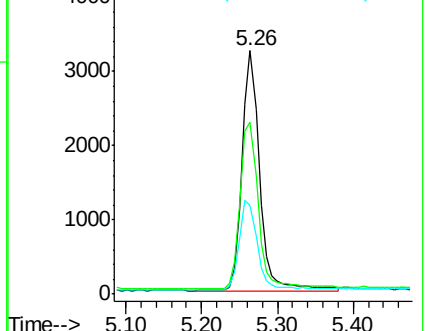
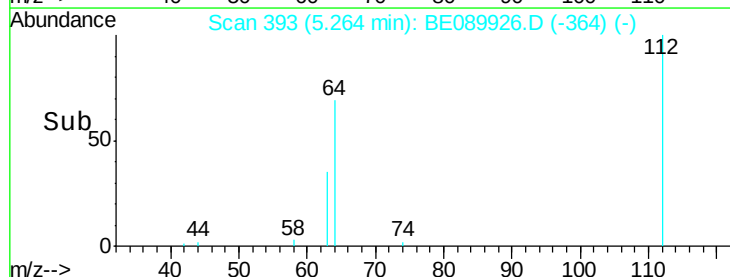
63 39.0 31.2 46.8

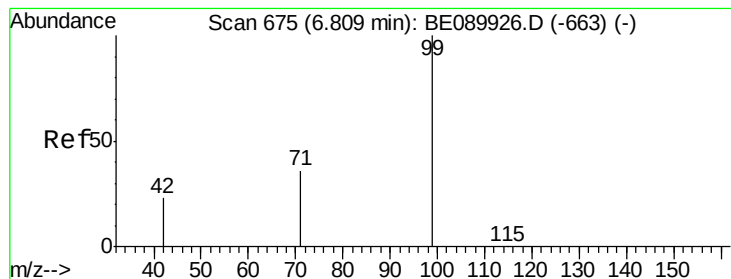


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.87 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

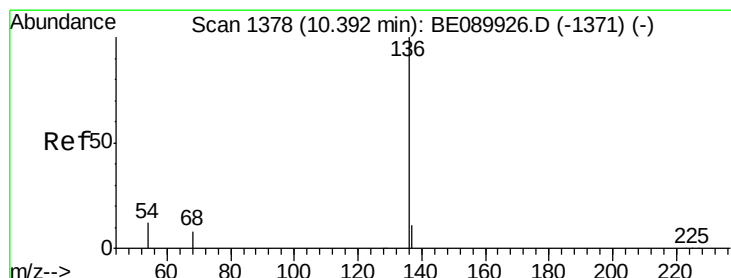
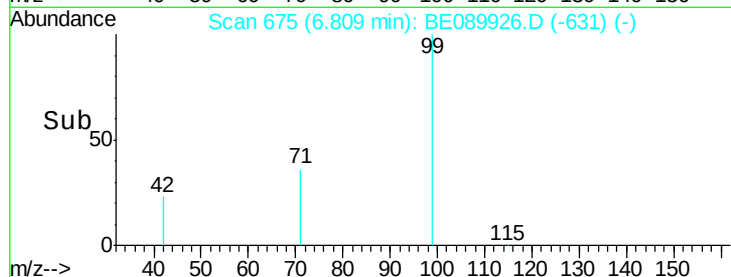
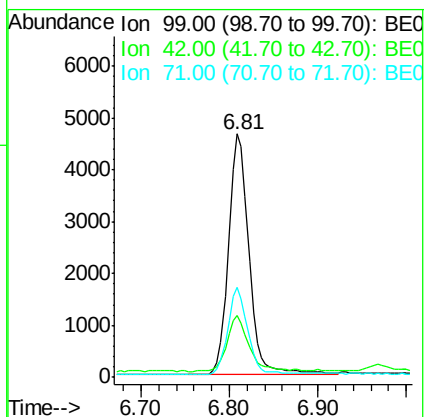
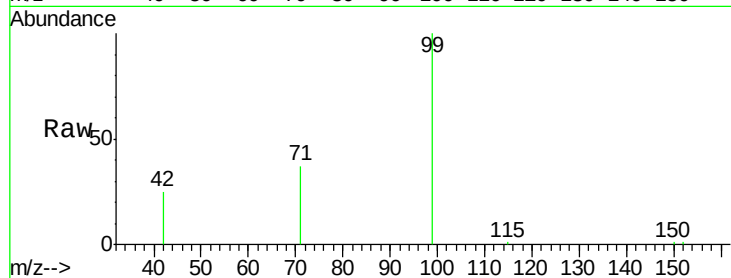
Tgt Ion: 99 Resp: 7531

Ion Ratio Lower Upper

99 100

42 24.4 19.5 29.3

71 34.7 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: BE089926.D

Acq: 23 Jun 2015 22:35

Tgt Ion: 136 Resp: 134558

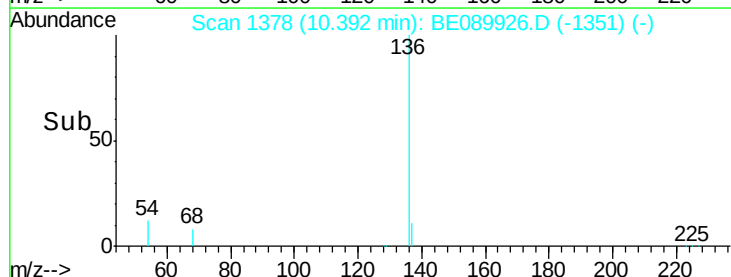
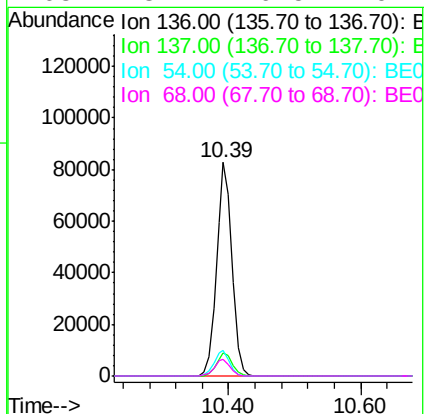
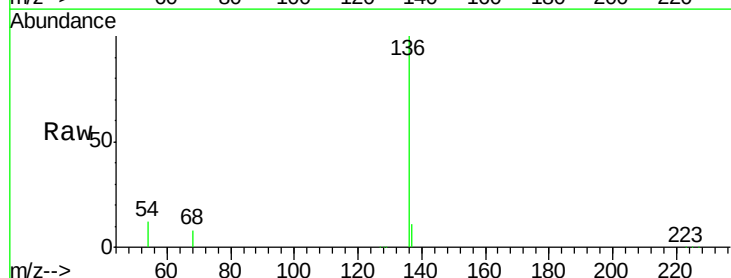
Ion Ratio Lower Upper

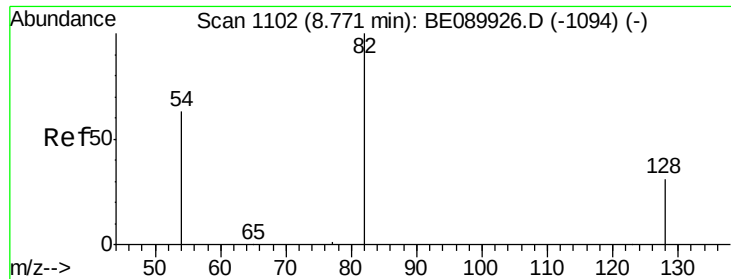
136 100

137 10.9 8.7 13.1

54 12.1 9.7 14.5

68 8.1 6.5 9.7





#7

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

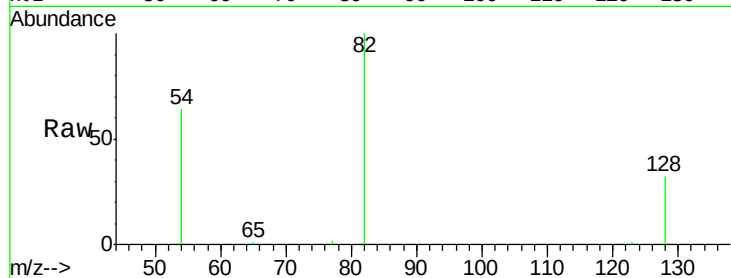
Tgt Ion: 82 Resp: 8961

Ion Ratio Lower Upper

82 100

128 32.0 25.6 38.4

54 64.0 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

8.77

6000

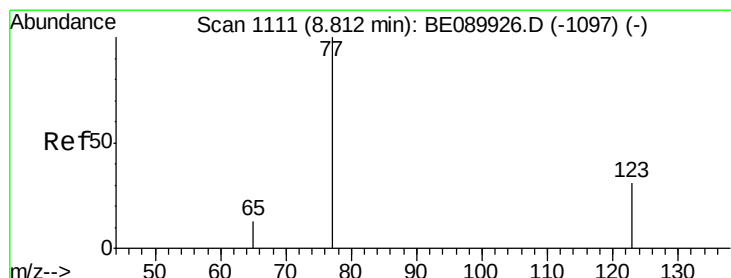
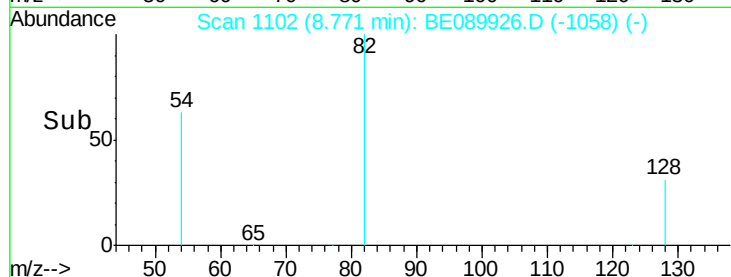
4000

2000

0

8.70 8.75 8.80 8.85

Time-->



#8

Nitrobenzene

Concen: 0.86 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

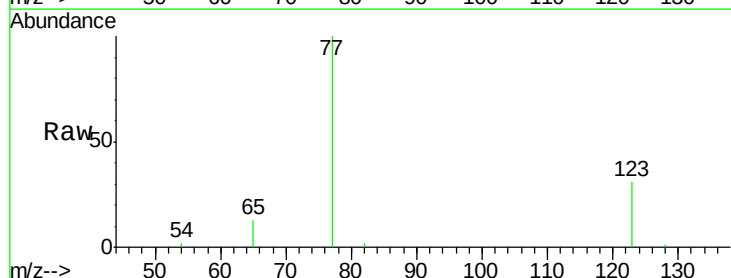
Tgt Ion: 77 Resp: 9481

Ion Ratio Lower Upper

77 100

123 33.2 26.6 39.8

65 12.8 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

8.81

6000

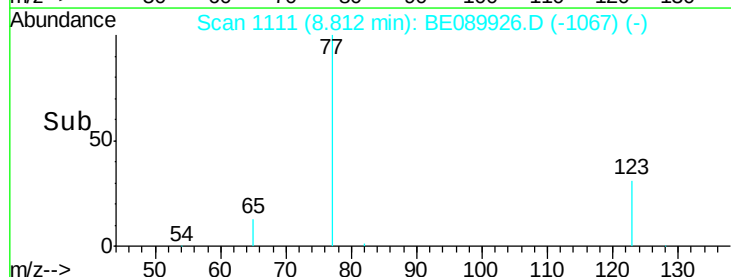
4000

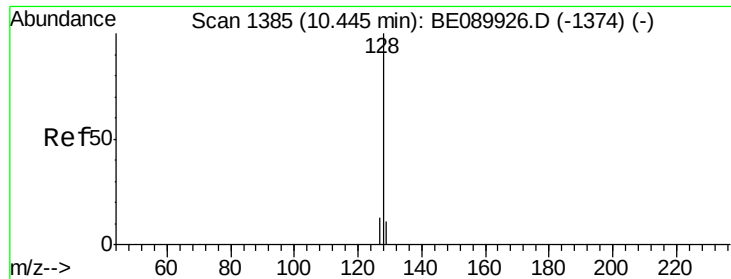
2000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#9

Naphthalene

Concen: 0.86 ng

RT: 10.45 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

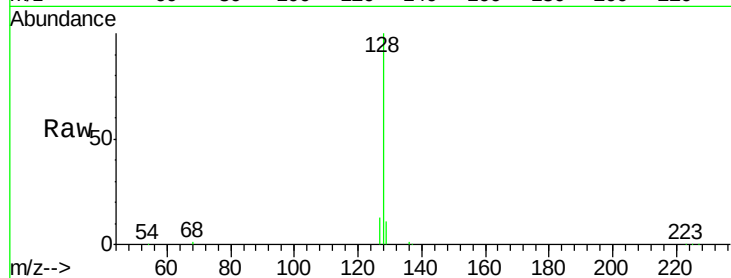
Tgt Ion:128 Resp: 27706

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

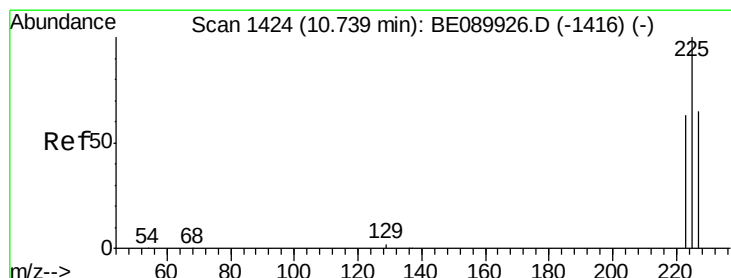
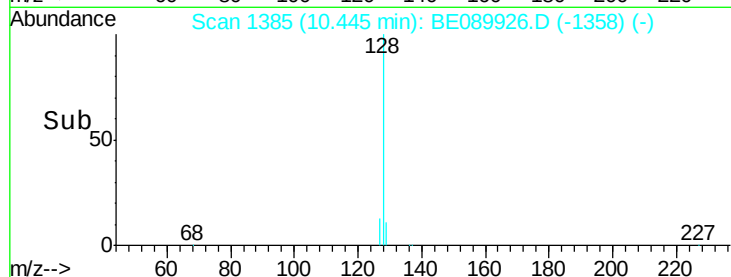
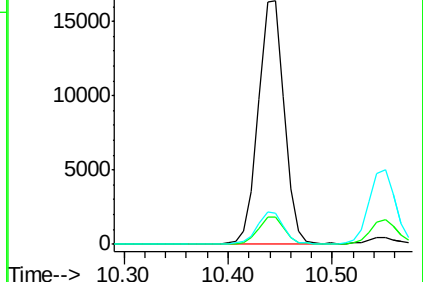
127 12.8 10.2 15.4



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: 0.81 ng

RT: 10.74 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

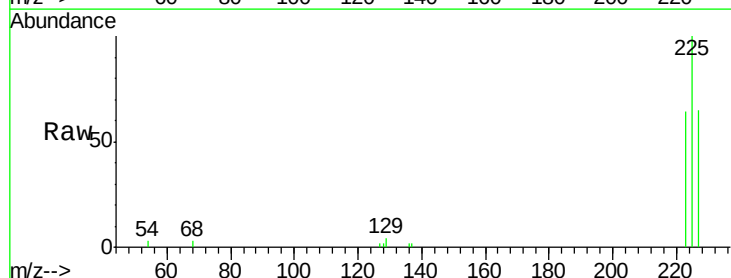
Tgt Ion:225 Resp: 4396

Ion Ratio Lower Upper

225 100

223 62.5 50.0 75.0

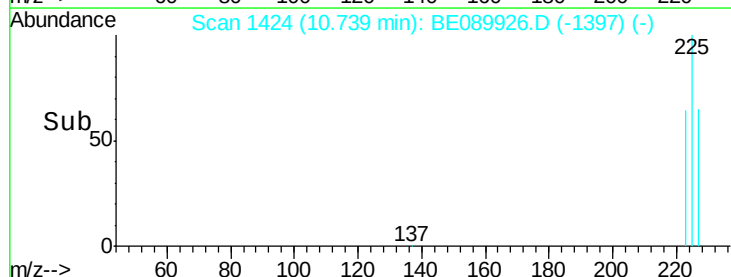
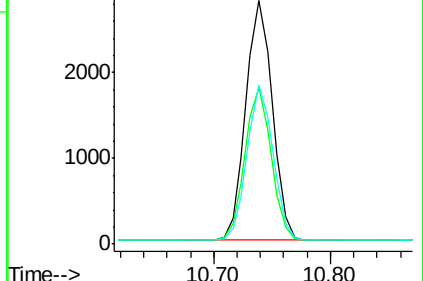
227 63.4 50.7 76.1

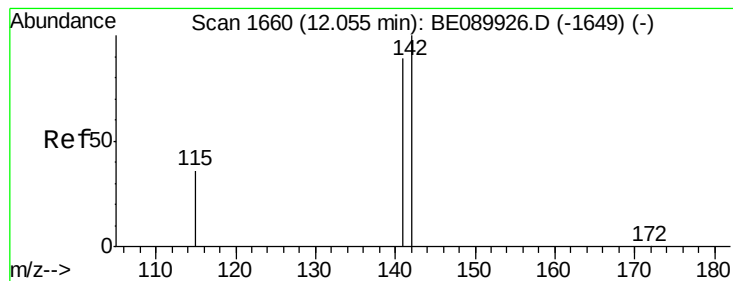


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.05 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

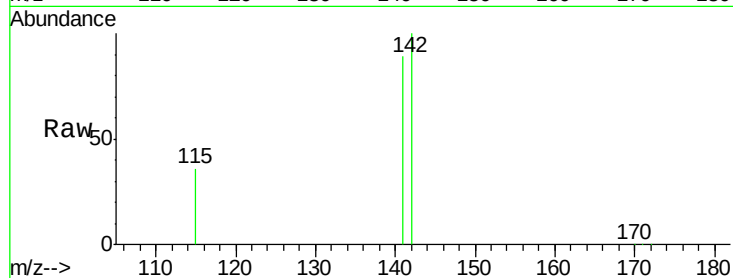
Tgt Ion:142 Resp: 18622

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7

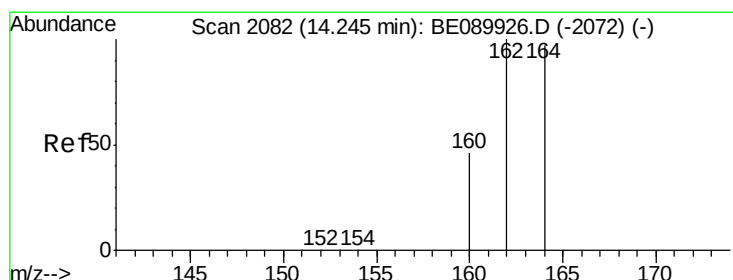
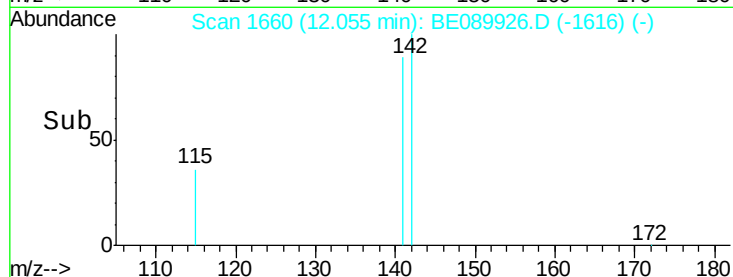
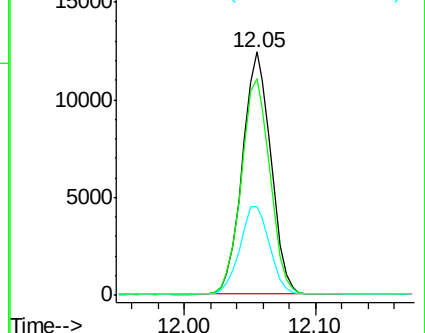
115 36.4 29.1 43.7



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: 14.25 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

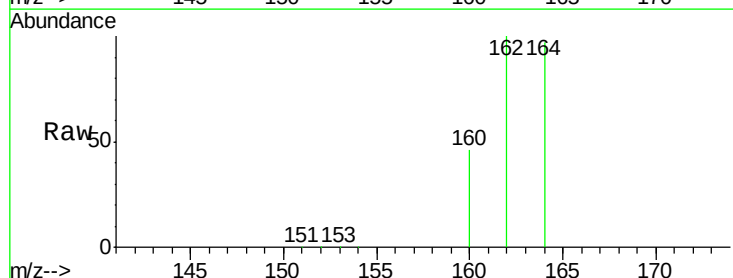
Tgt Ion:164 Resp: 84165

Ion Ratio Lower Upper

164 100

162 103.4 82.7 124.1

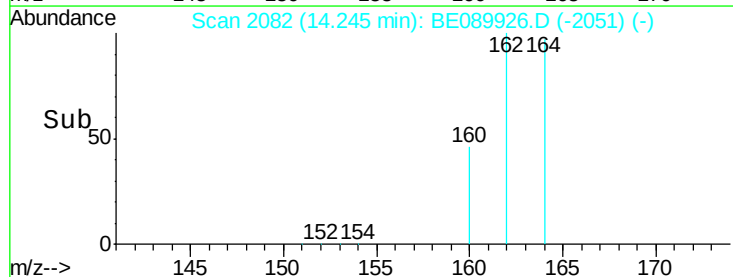
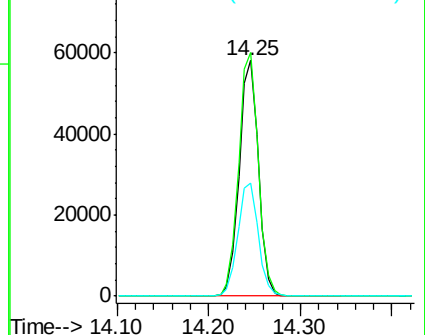
160 47.9 38.3 57.5

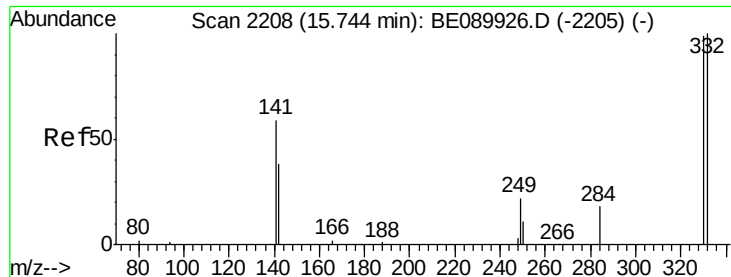


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

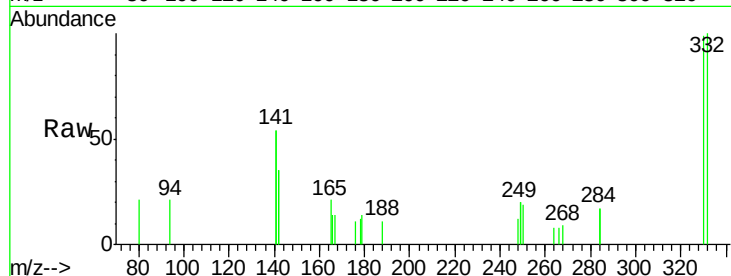




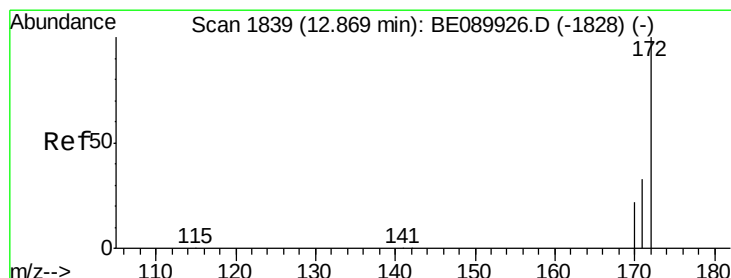
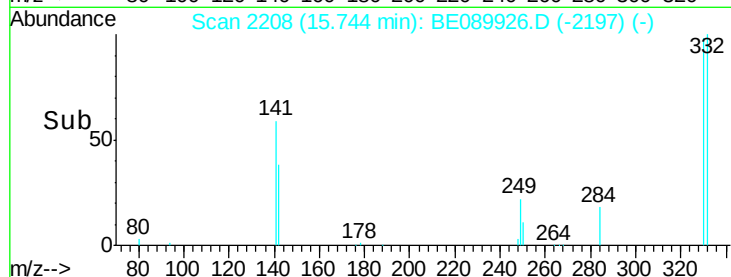
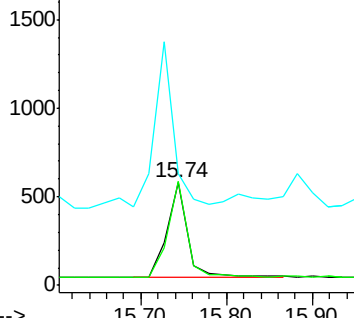
#13
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

Tgt Ion:330 Resp: 902
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.9 116.9
 141 174.9 142.8 214.2

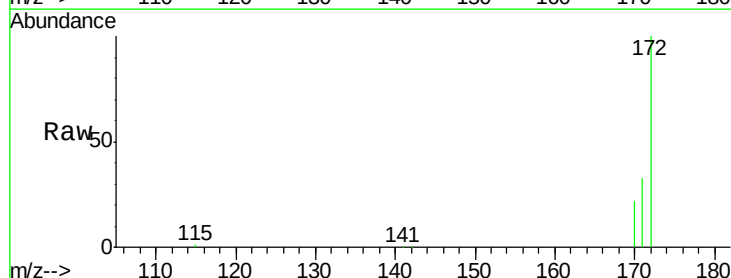


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

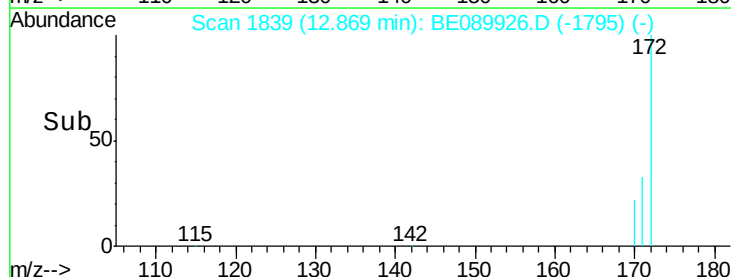
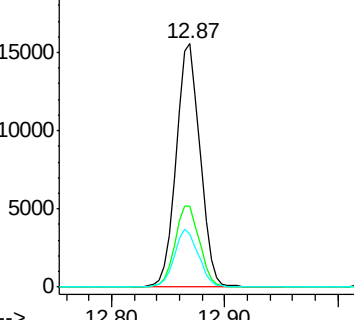


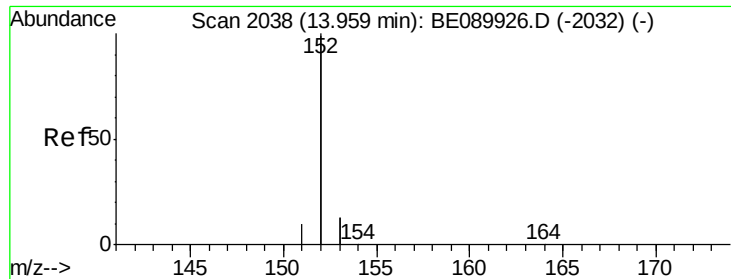
#14
 2-Fluorobiphenyl
 Concen: 0.76 ng
 RT: 12.87 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

Tgt Ion:172 Resp: 22032
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.7 40.1
 170 21.9 17.5 26.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 2.63 ng

RT: 13.96 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

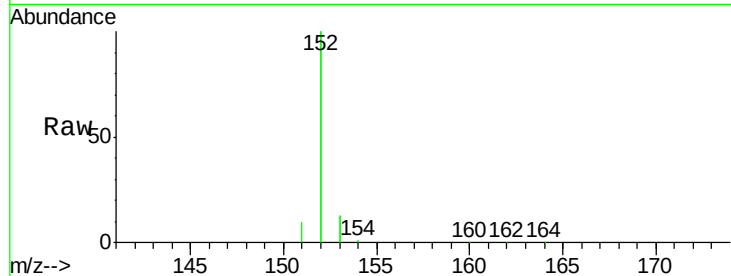
Tgt Ion:152 Resp: 137498

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

120000

100000

80000

60000

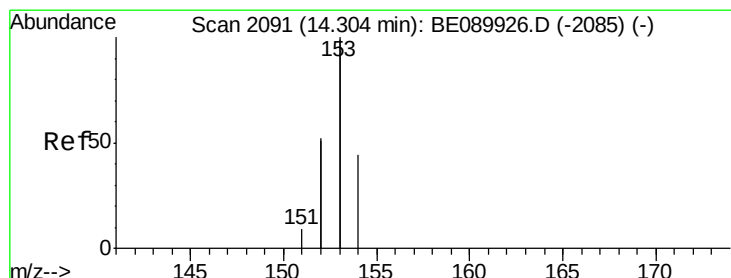
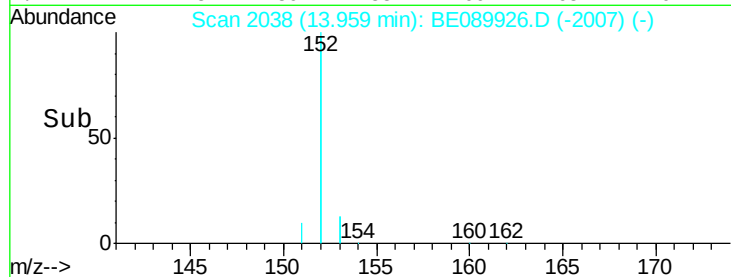
40000

20000

0

13.90 13.96 14.00 14.10 14.20

Time-->



#16

Acenaphthene

Concen: 0.84 ng

RT: 14.30 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

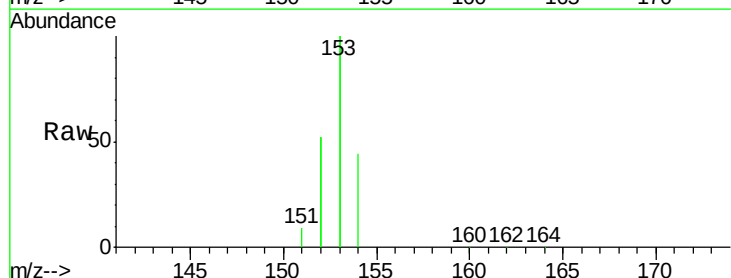
Tgt Ion:154 Resp: 20506

Ion Ratio Lower Upper

154 100

153 453.5 362.8 544.2

152 243.2 194.6 291.8



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

80000

60000

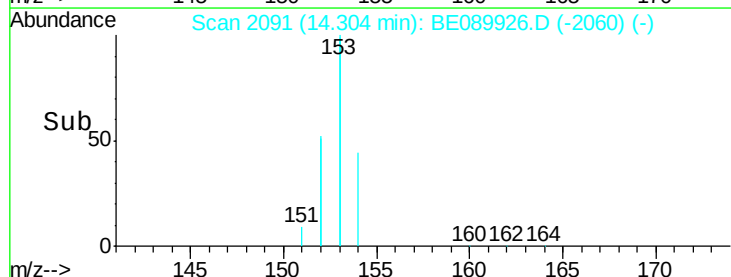
40000

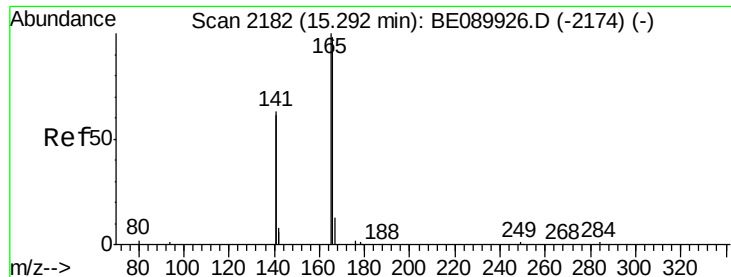
20000

0

14.20 14.30 14.40

Time-->

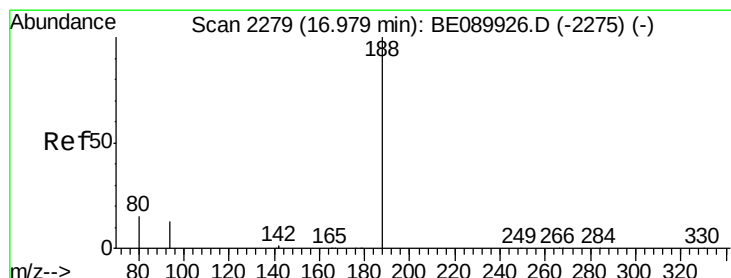
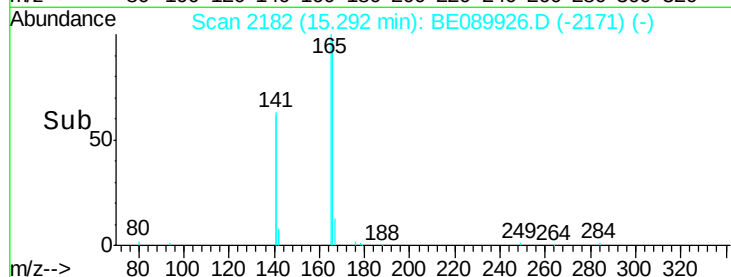
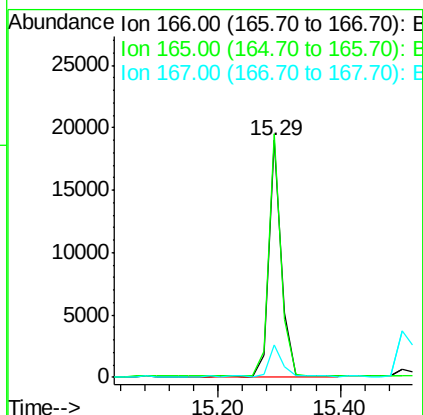
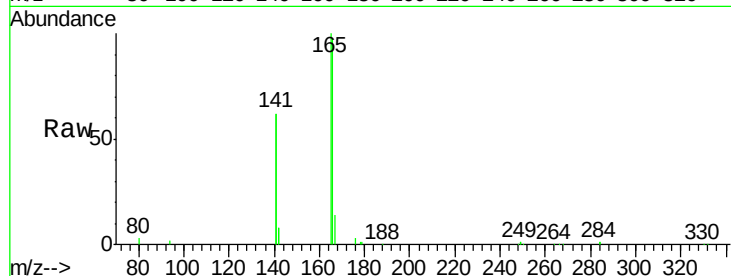




#17
Fluorene
 Concen: 1.24 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

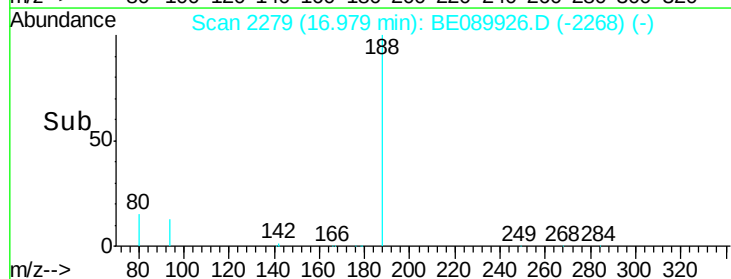
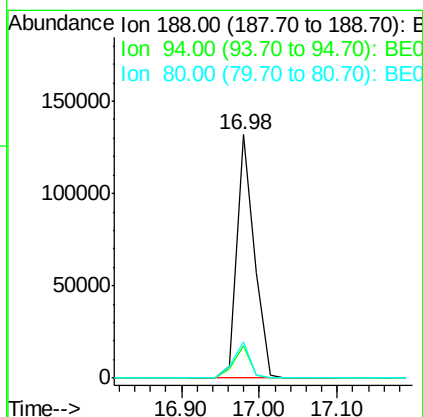
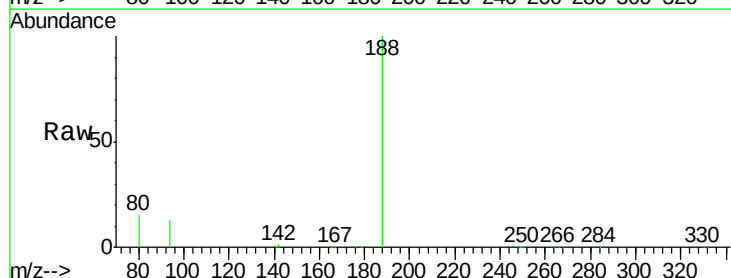
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

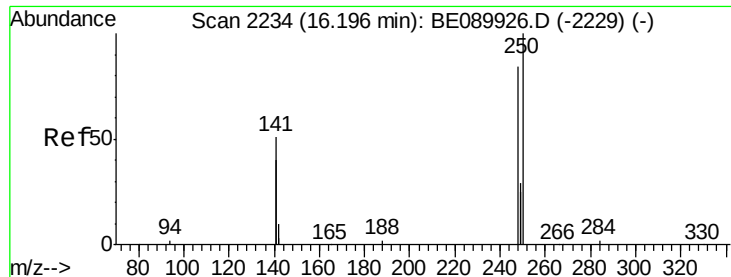
Tgt Ion:166 Resp: 27249
 Ion Ratio Lower Upper
 166 100
 165 101.2 81.1 121.7
 167 14.8 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

Tgt Ion:188 Resp: 207721
 Ion Ratio Lower Upper
 188 100
 94 13.3 10.6 16.0
 80 14.7 11.8 17.6

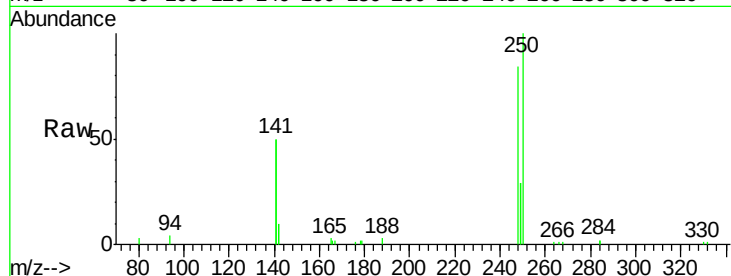




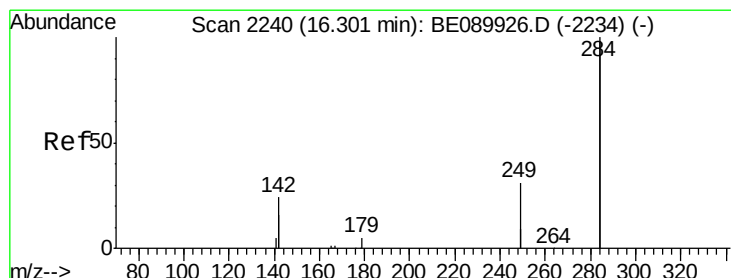
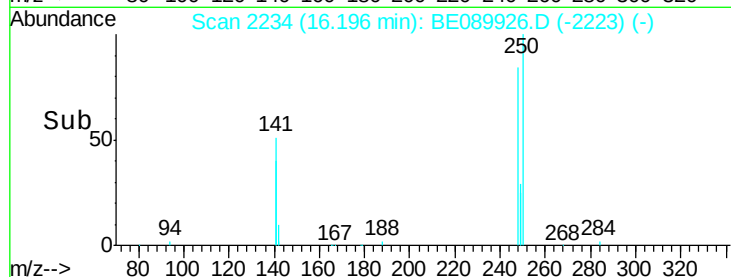
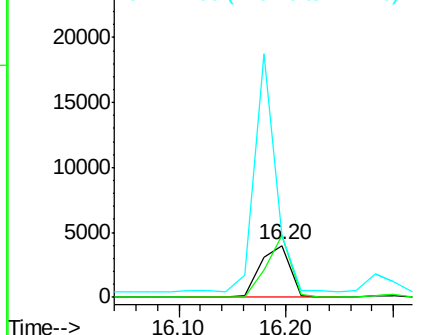
#19
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 16.20 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BE089926.D
Acq: 23 Jun 2015 22:35

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:248 Resp: 7393
Ion Ratio Lower Upper
248 100
250 99.1 79.3 118.9
141 344.5 274.1 411.1

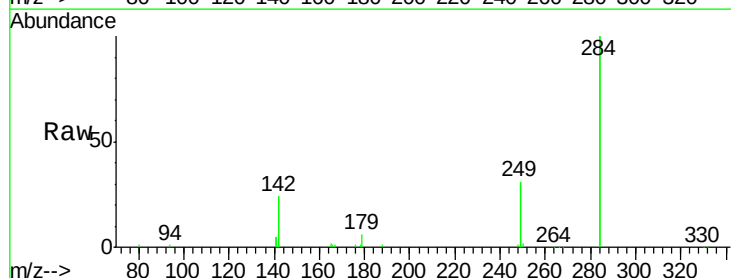


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

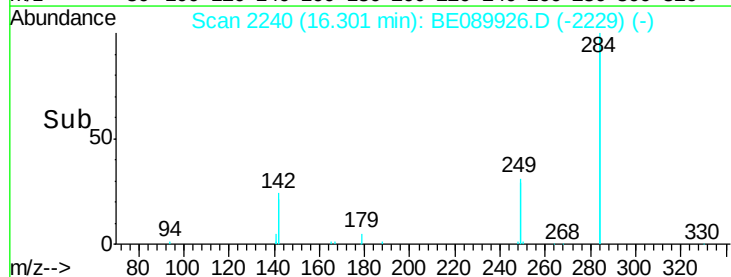
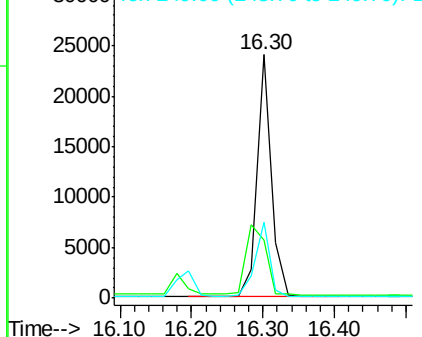


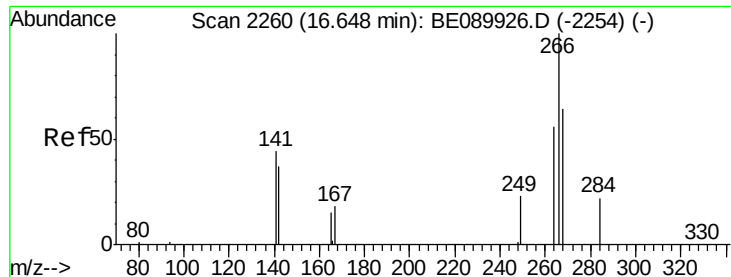
#20
Hexachlorobenzene
Concen: 3.39 ng
RT: 16.30 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089926.D
Acq: 23 Jun 2015 22:35

Tgt Ion:284 Resp: 33402
Ion Ratio Lower Upper
284 100
142 40.0 32.0 48.0
249 31.3 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

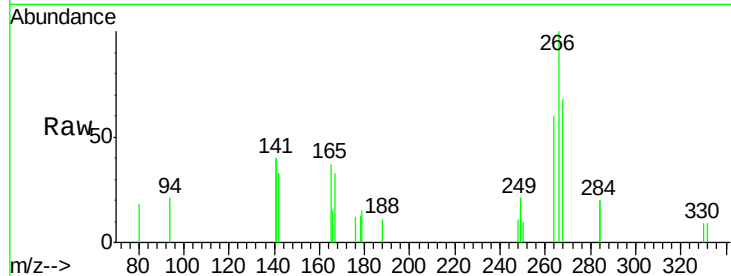




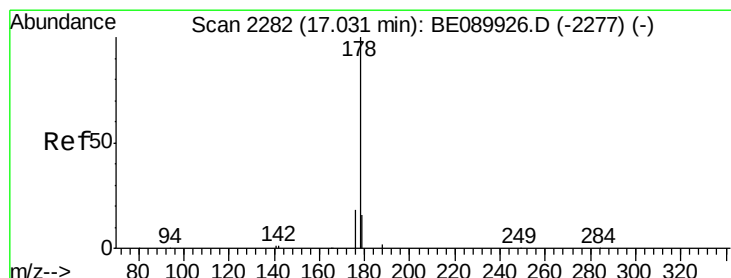
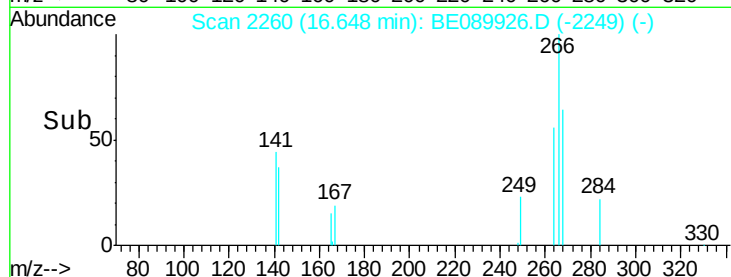
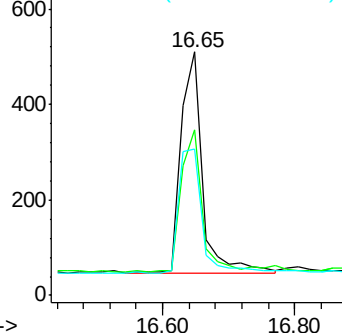
#21
 Pentachlorophenol
 Concen: 0.44 ng
 RT: 16.65 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

Tgt Ion:266 Resp: 1062
 Ion Ratio Lower Upper
 266 100
 268 68.0 54.4 81.6
 264 60.2 48.2 72.2

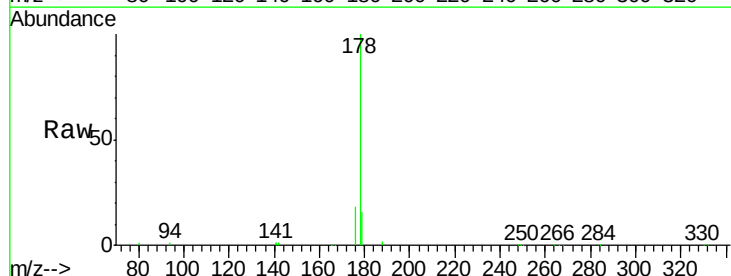


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

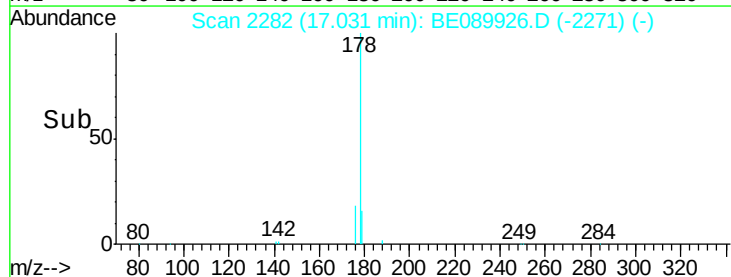
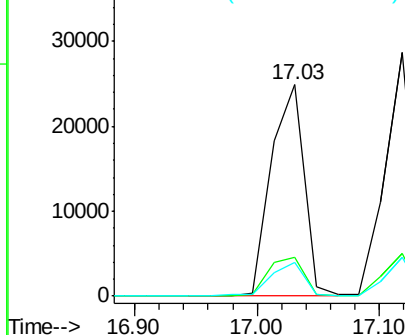


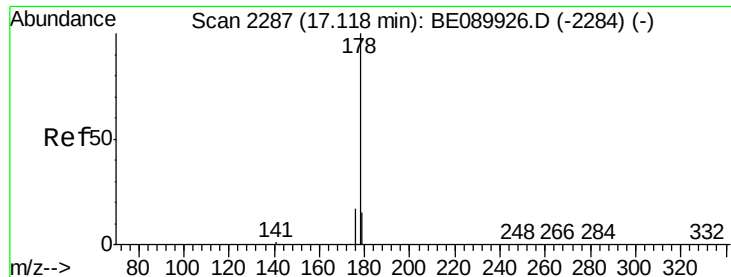
#22
 Phenanthrene
 Concen: 0.68 ng
 RT: 17.03 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BE089926.D
 Acq: 23 Jun 2015 22:35

Tgt Ion:178 Resp: 46745
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



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





#23

Anthracene

Concen: 1.38 ng

RT: 17.12 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

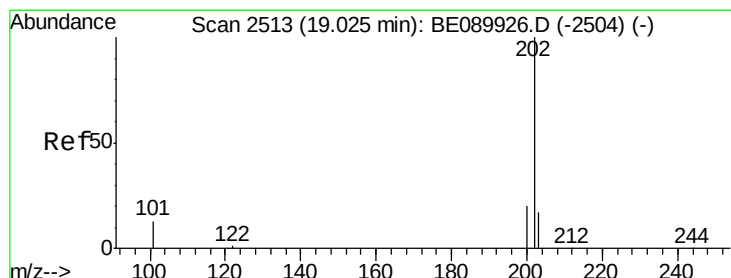
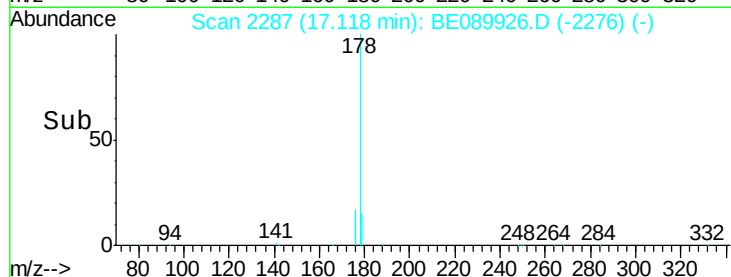
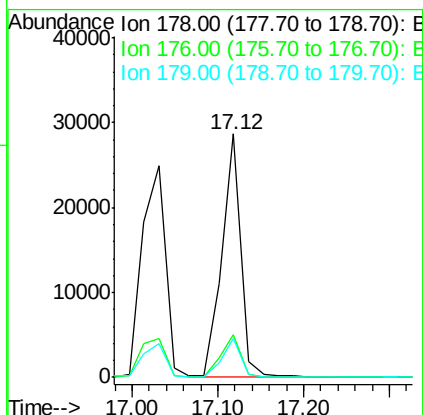
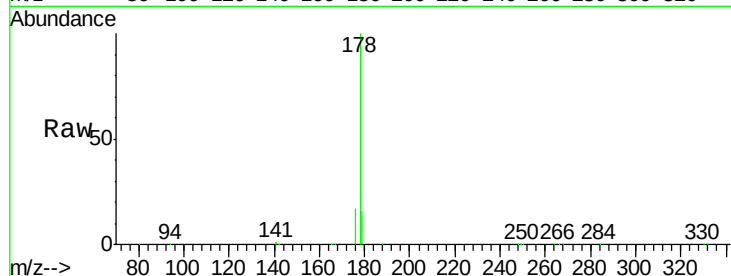
Tgt Ion:178 Resp: 43761

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.3 12.3 18.5



#24

Fluoranthene

Concen: 1.11 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

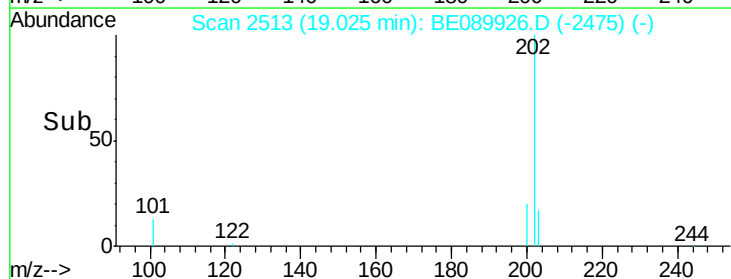
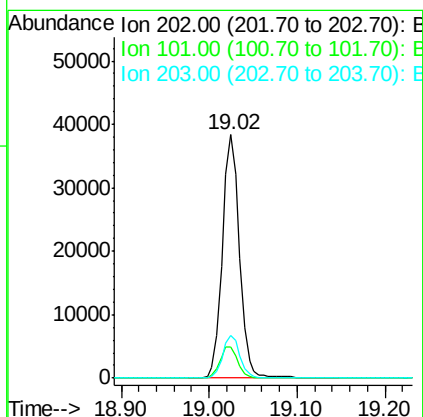
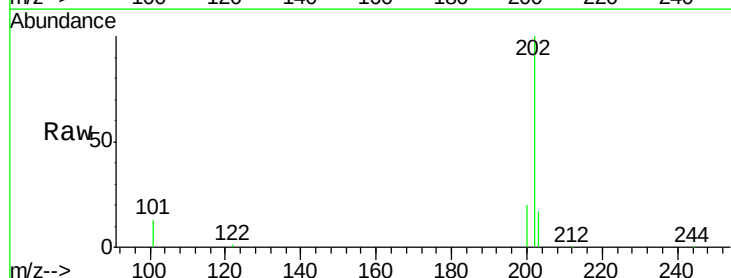
Tgt Ion:202 Resp: 51343

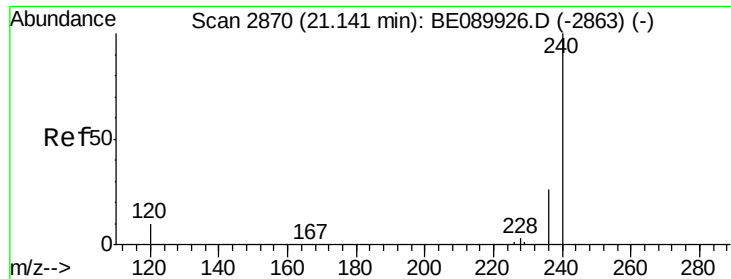
Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

203 17.3 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

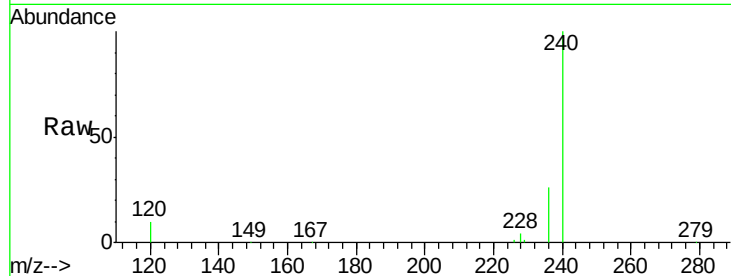
Tgt Ion:240 Resp: 222554

Ion Ratio Lower Upper

240 100

120 9.9 7.9 11.9

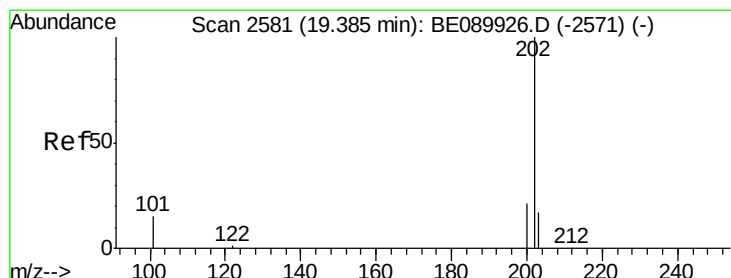
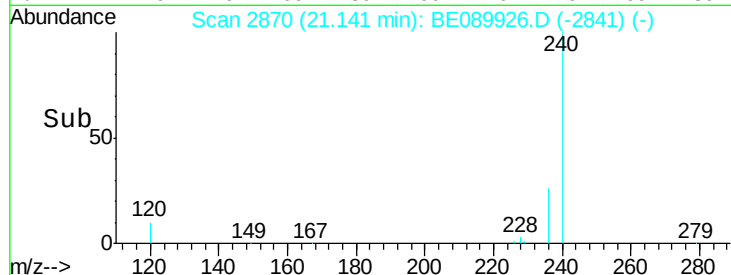
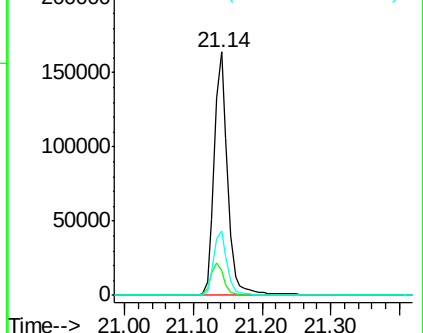
236 26.5 21.2 31.8



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: 0.71 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

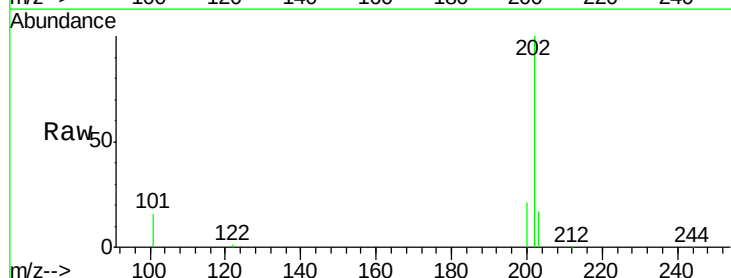
Tgt Ion:202 Resp: 53506

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

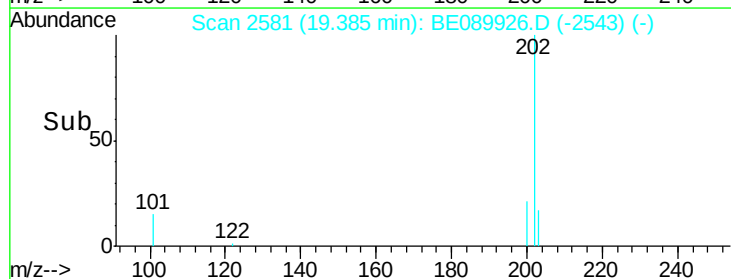
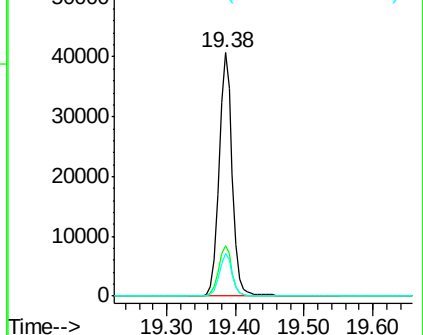
203 17.4 13.9 20.9

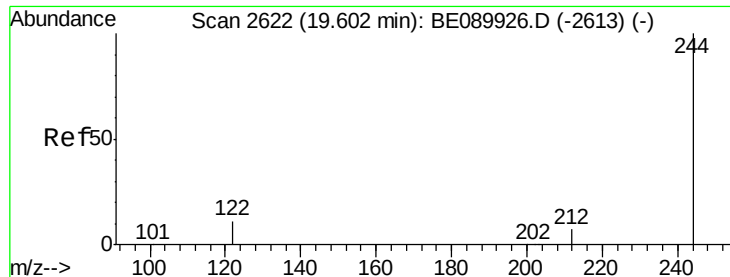


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.05 ng

RT: 19.60 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

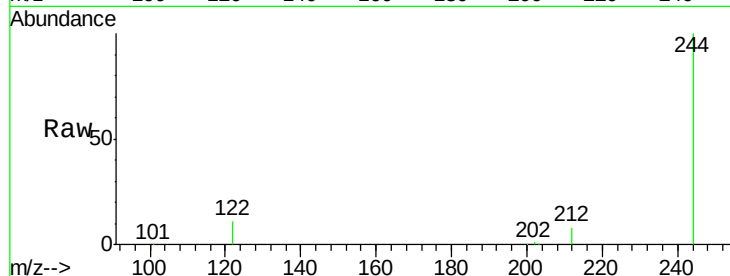
Tgt Ion:244 Resp: 34925

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

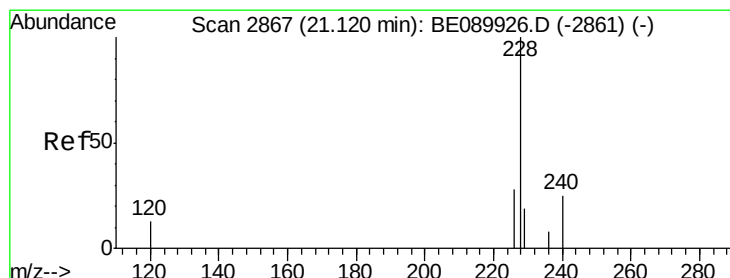
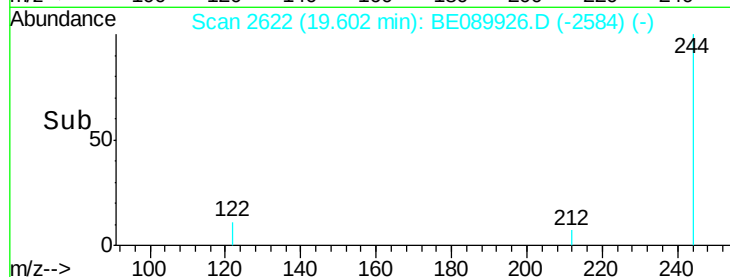
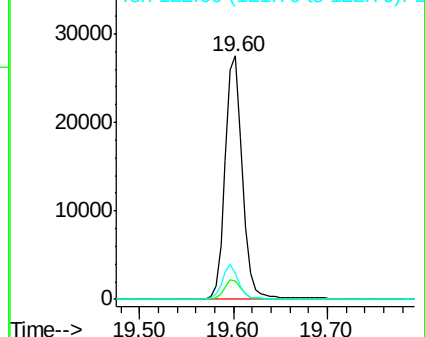
122 10.9 8.7 13.1



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



#28

Benzo(a)anthracene

Concen: 0.75 ng

RT: 21.12 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

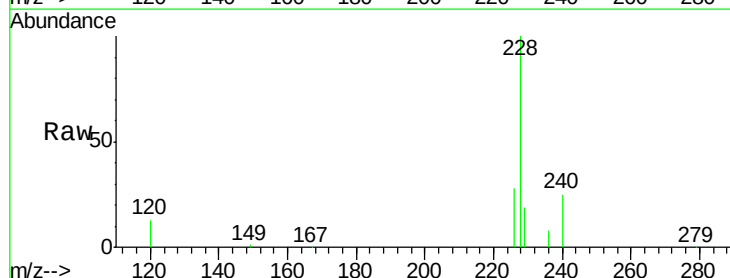
Tgt Ion:228 Resp: 48684

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

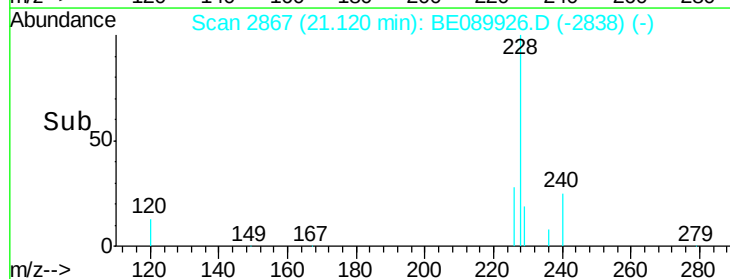
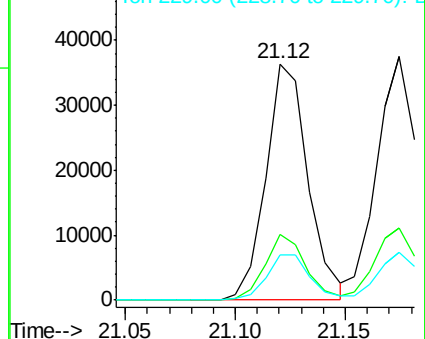
229 19.1 15.3 22.9

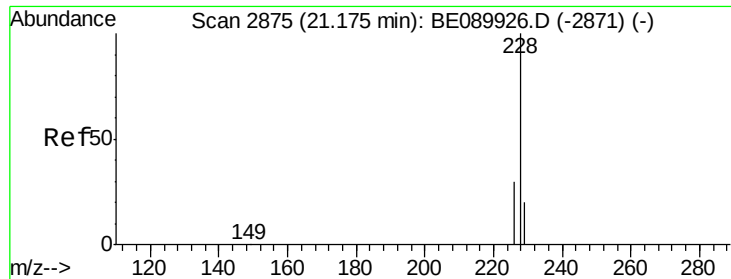


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.76 ng

RT: 21.17 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

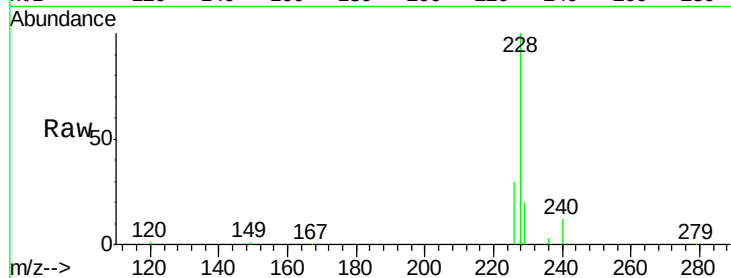
Tgt Ion:228 Resp: 52240

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

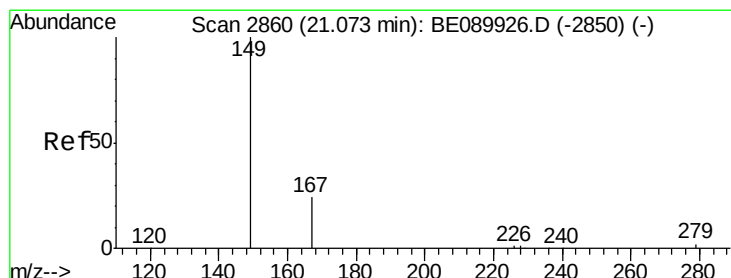
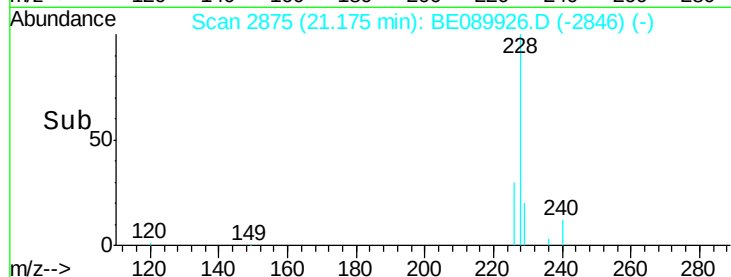
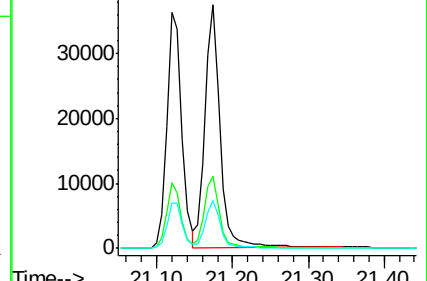
229 19.8 15.8 23.8



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: 0.11 ng

RT: 21.07 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

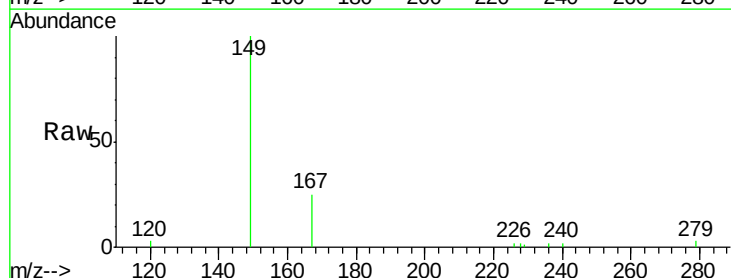
Tgt Ion:149 Resp: 3820

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

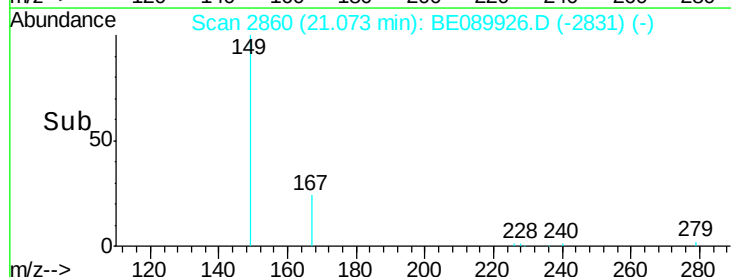
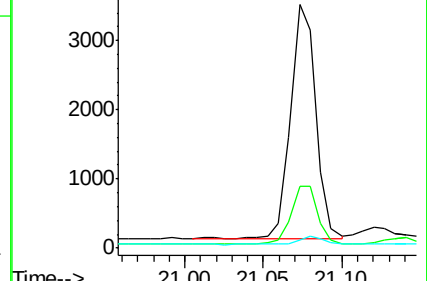
279 3.4 2.7 4.1

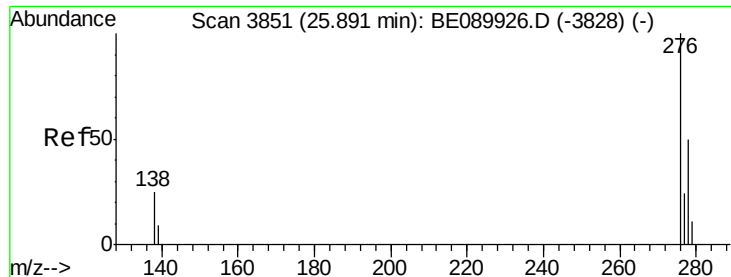


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.63 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

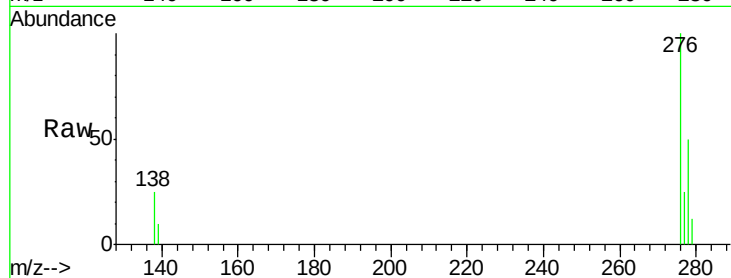
Tgt Ion:276 Resp: 40406

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

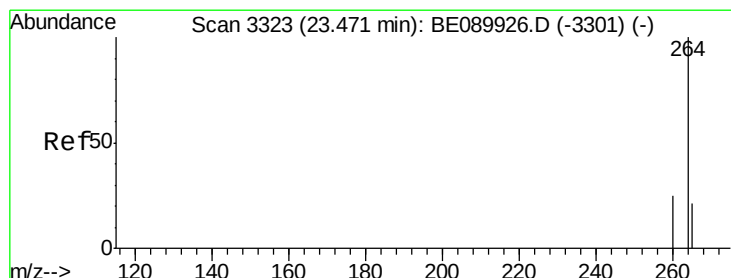
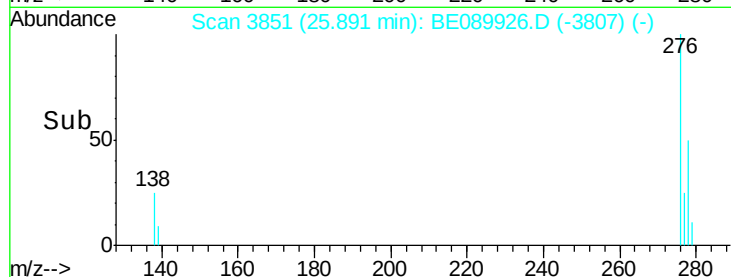
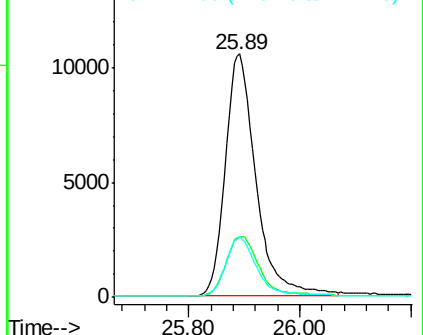
277 24.7 0.0 0.0#



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. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

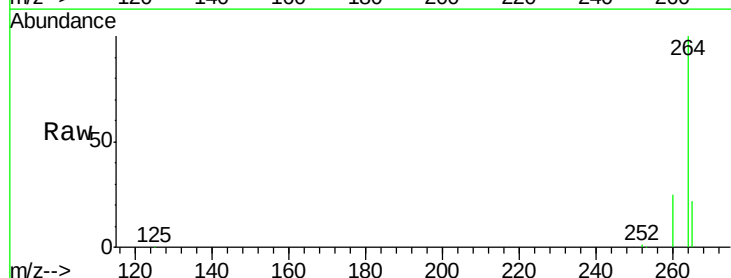
Tgt Ion:264 Resp: 195570

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

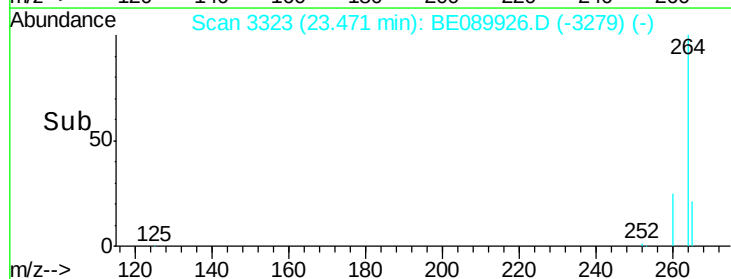
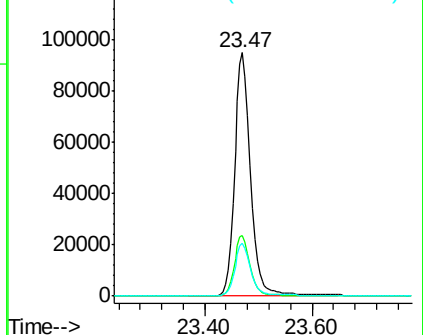
265 21.6 17.3 25.9

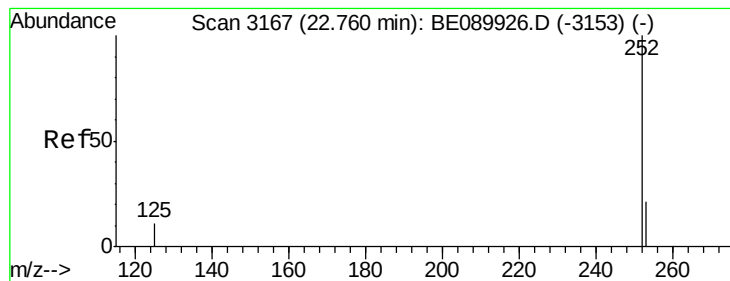


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.64 ng

RT: 22.76 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

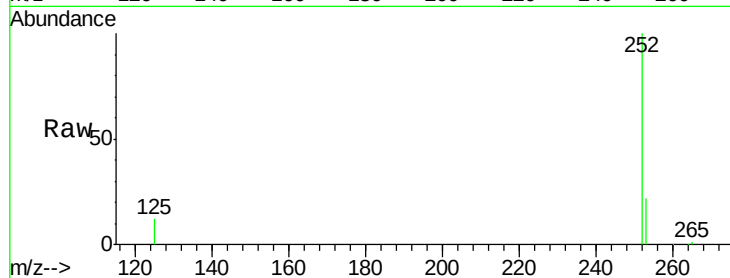
Tgt Ion:252 Resp: 39169

Ion Ratio Lower Upper

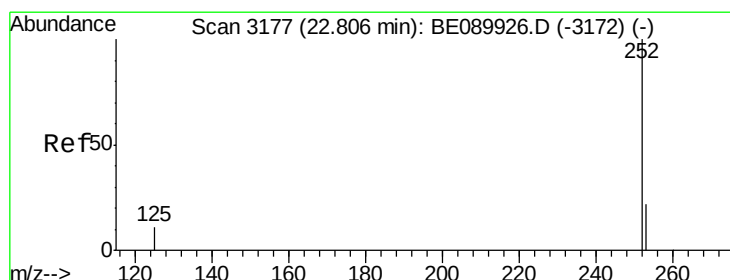
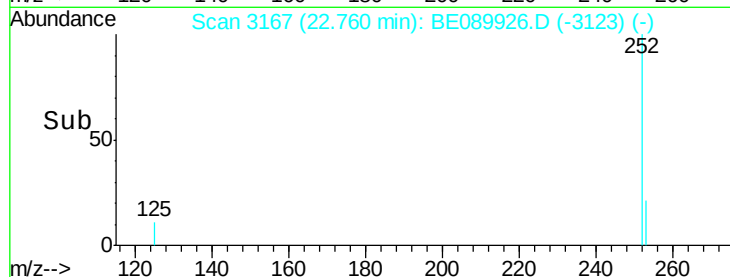
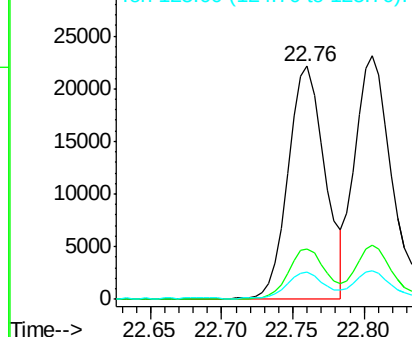
252 100

253 21.6 17.3 25.9

125 11.6 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: 0.78 ng

RT: 22.81 min Scan# 3177

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

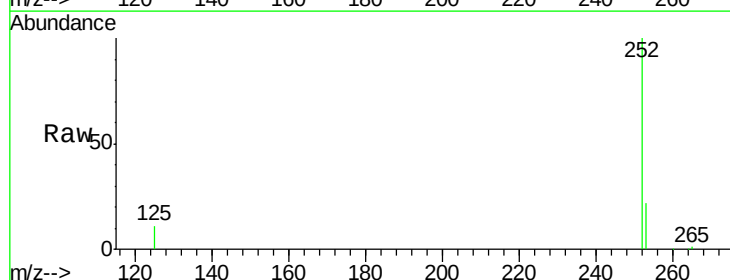
Tgt Ion:252 Resp: 44057

Ion Ratio Lower Upper

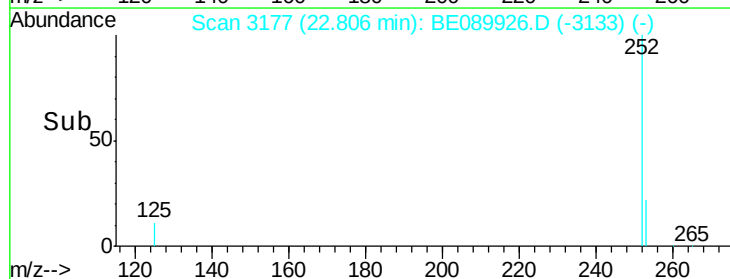
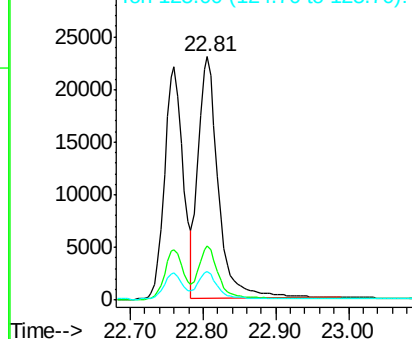
252 100

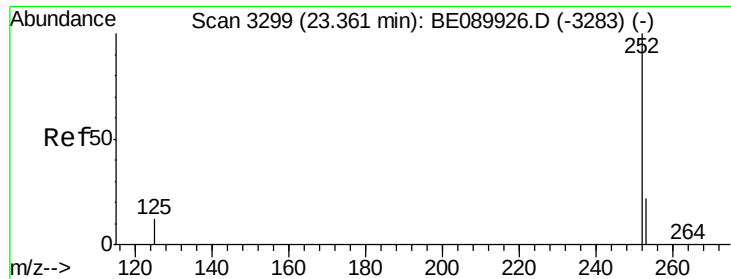
253 22.4 17.9 26.9

125 11.5 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: 0.66 ng

RT: 23.36 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

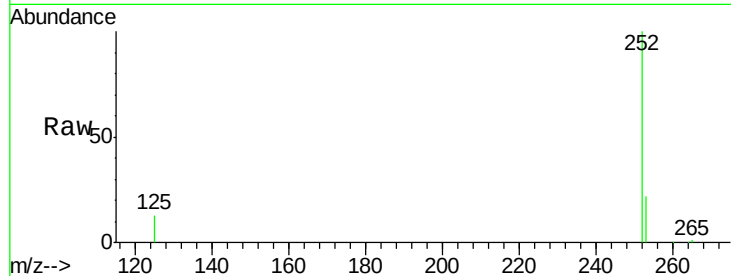
Tgt Ion:252 Resp: 34130

Ion Ratio Lower Upper

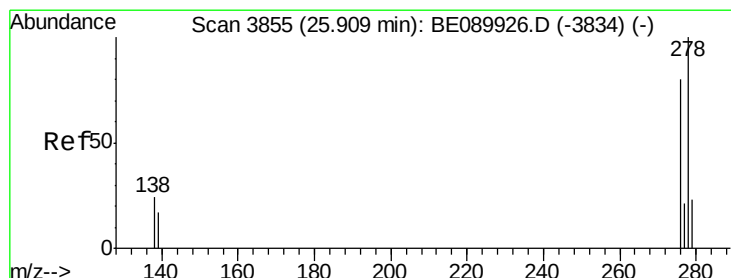
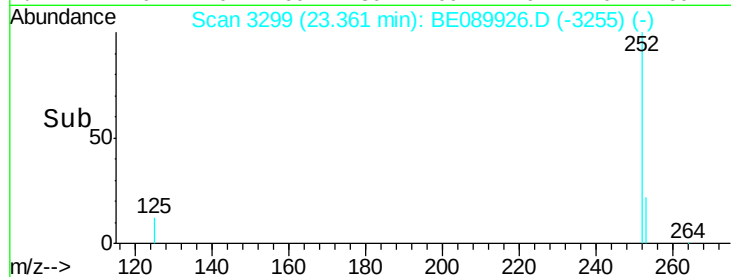
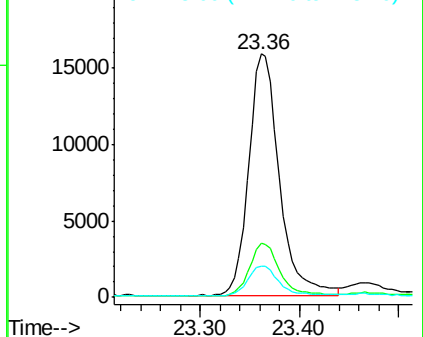
252 100

253 22.2 17.8 26.6

125 12.9 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: 0.62 ng

RT: 25.91 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BE089926.D

Acq: 23 Jun 2015 22:35

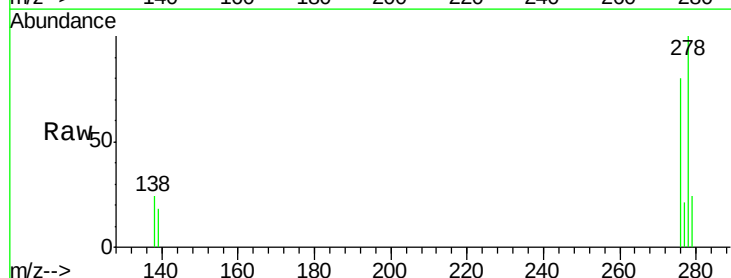
Tgt Ion:278 Resp: 31704

Ion Ratio Lower Upper

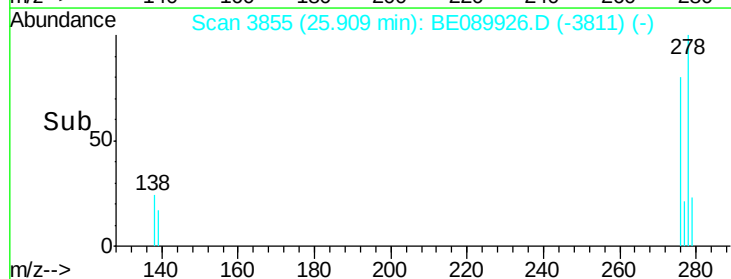
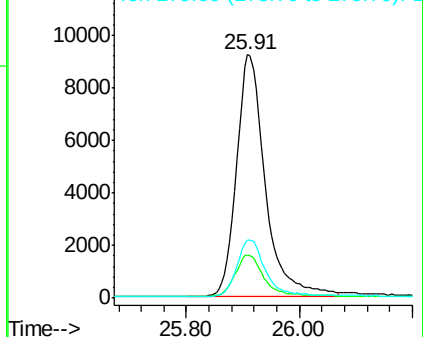
278 100

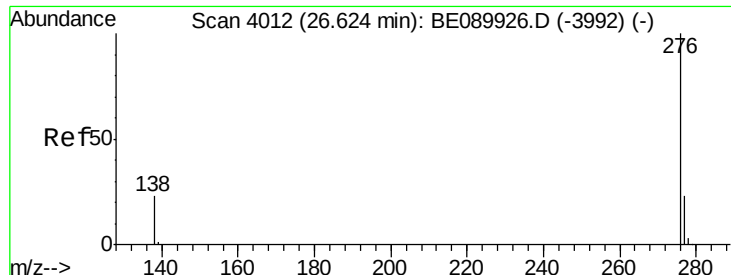
139 17.6 14.1 21.1

279 23.8 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: 0.64 ng

RT: 26.62 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BE089926.D

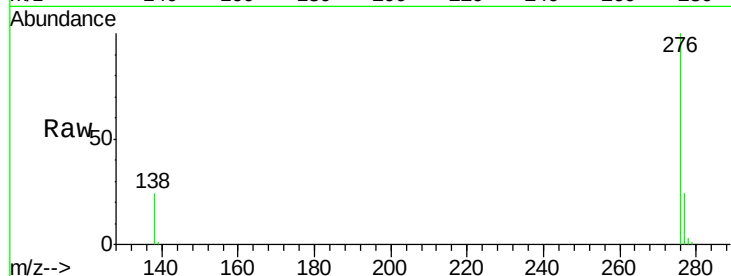
Acq: 23 Jun 2015 22:35

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001



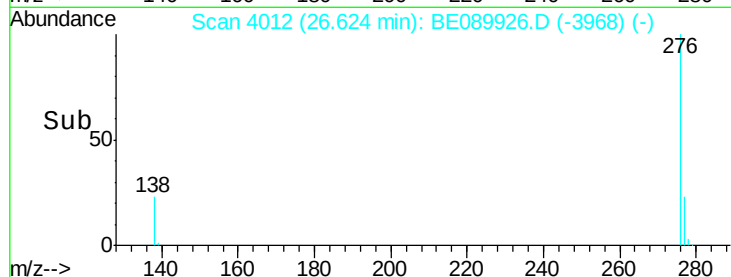
Tgt Ion: 276 Resp: 34438

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.5 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

