

Data Path : Z:\HPCHEM1\BNA_E\Data\BE062415\
 Data File : BE089933.D
 Acq On : 24 Jun 2015 14:30
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Jun 25 03:45:05 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 09:27:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29491	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	136189	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	83247	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	195463	5.00	ng	0.00
25) Chrysene-d12	21.14	240	219183	5.00	ng	0.00
32) Perylene-d12	23.47	264	192639	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	4420	0.83	ng	0.00
5) Phenol-d6	6.81	99	6938	0.85	ng	0.00
7) Nitrobenzene-d5	8.77	82	9047	0.89	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	737	0.80	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	21815	0.90	ng	0.00
27) Terphenyl-d14	19.60	244	33706	0.89	ng	0.00

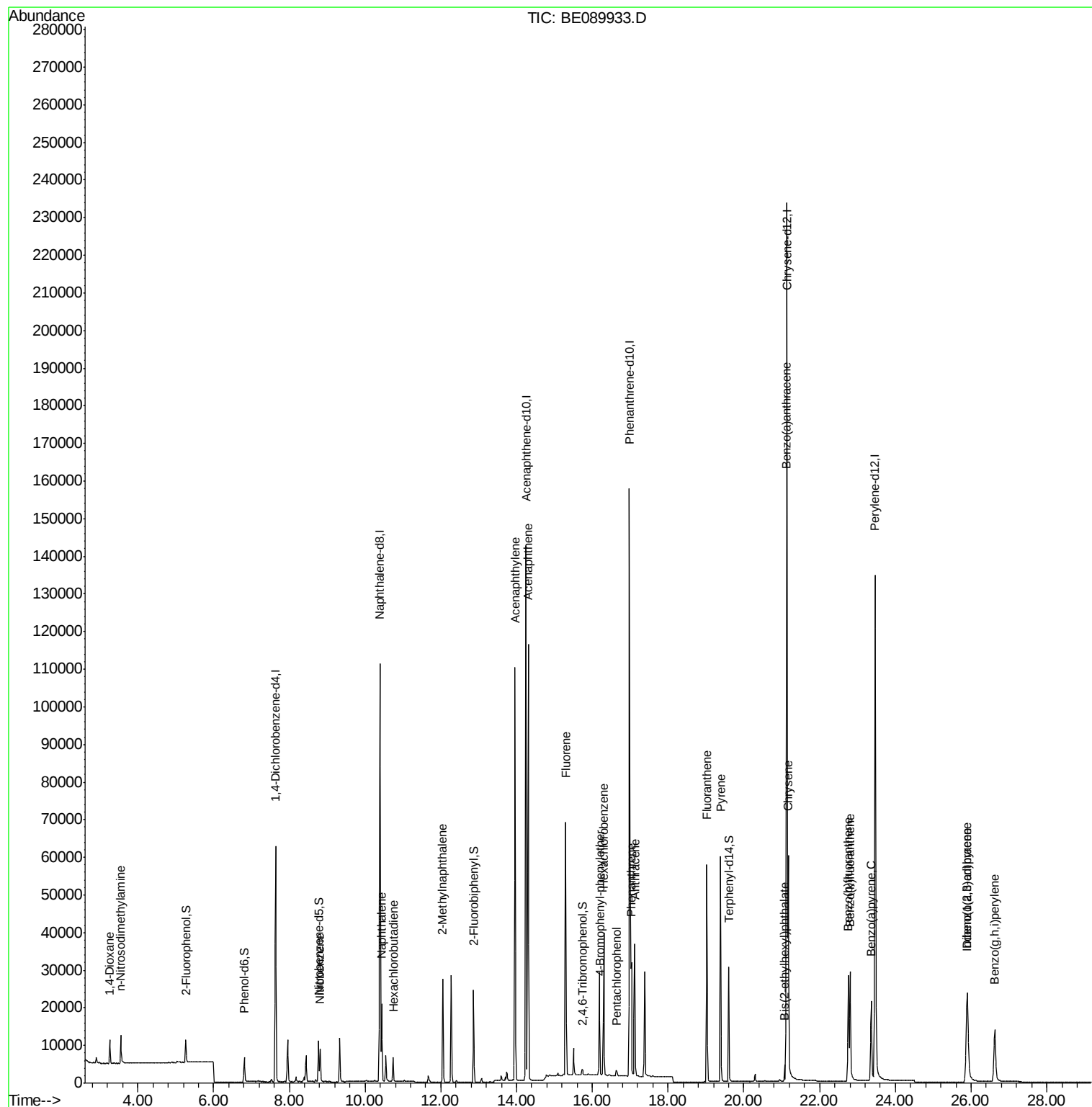
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	3327	0.93	ng	99
3) n-Nitrosodimethylamine	3.55	42	4723	0.89	ng	# 92
8) Nitrobenzene	8.81	77	9553	0.89	ng	100
9) Naphthalene	10.44	128	28054	0.93	ng	99
10) Hexachlorobutadiene	10.74	225	4436	0.93	ng	99
11) 2-Methylnaphthalene	12.06	142	18479	0.89	ng	99
15) Acenaphthylene	13.96	152	134730	0.92	ng	100
16) Acenaphthene	14.30	154	20102	0.94	ng	98
17) Fluorene	15.29	166	26352	0.98	ng	99
19) 4-Bromophenyl-phenylether	16.20	248	7108	0.89	ng	98
20) Hexachlorobenzene	16.30	284	32352	0.93	ng	99
21) Pentachlorophenol	16.63	266	878	0.80	ng	90
22) Phenanthrene	17.03	178	45253	0.92	ng	100
23) Anthracene	17.12	178	41494	0.91	ng	99
24) Fluoranthene	19.02	202	49155	0.92	ng	100
26) Pyrene	19.38	202	50951	0.92	ng	100
28) Benzo(a)anthracene	21.12	228	47332	0.90	ng	99
29) Chrysene	21.17	228	50991	0.89	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	3506	0.79	ng	100
31) Indeno(1,2,3-cd)pyrene	25.88	276	38852	0.92	ng	# 100
33) Benzo(b)fluoranthene	22.75	252	38460	0.94	ng	99
34) Benzo(k)fluoranthene	22.80	252	42429	0.92	ng	100
35) Benzo(a)pyrene	23.36	252	32869	0.91	ng	99
36) Dibenzo(a,h)anthracene	25.91	278	30525	0.91	ng	99
37) Benzo(g,h,i)perylene	26.62	276	33274	0.92	ng	100

(#) = 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: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

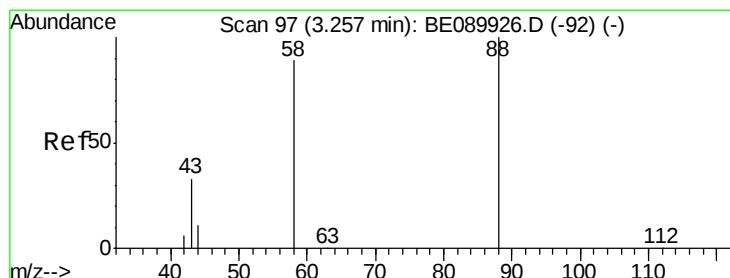
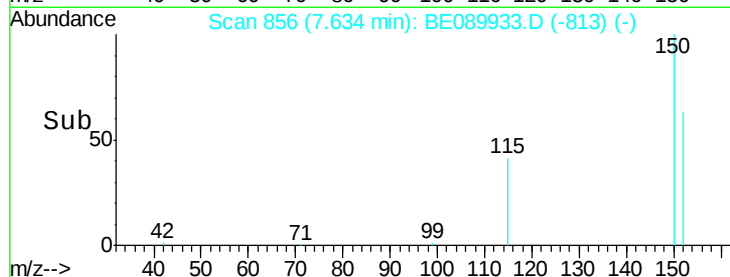
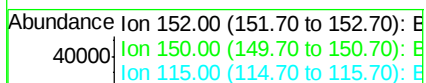
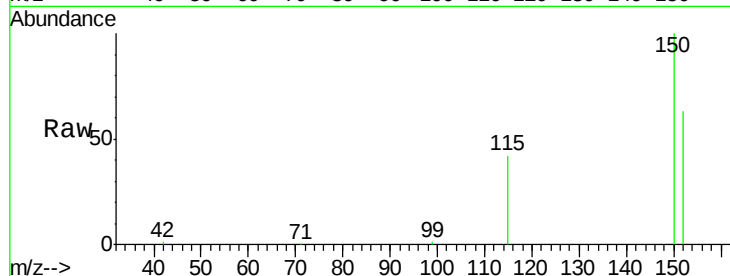
Tgt Ion:152 Resp: 29491

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

115 66.1 51.6 77.4



#2

1,4-Dioxane

Concen: 0.93 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

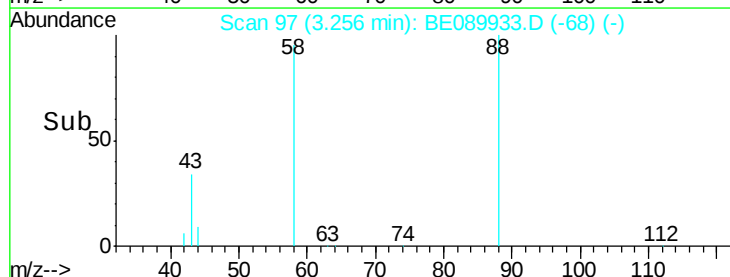
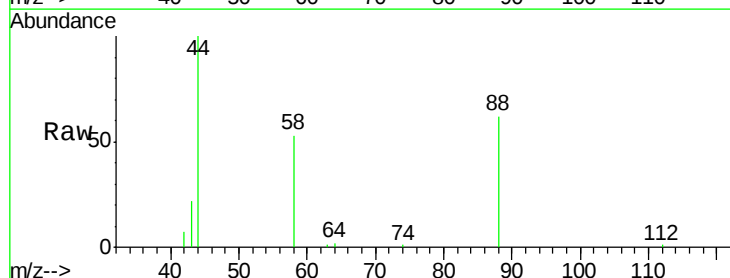
Tgt Ion: 88 Resp: 3327

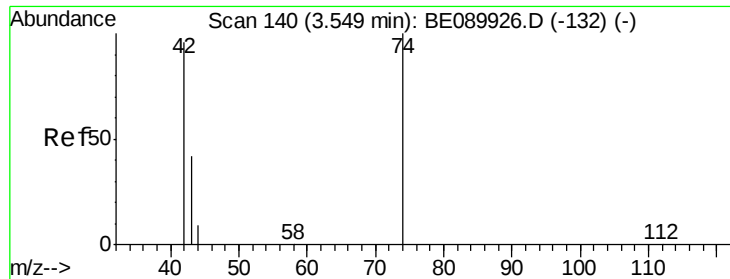
Ion Ratio Lower Upper

88 100

58 87.9 70.8 106.2

43 35.6 26.8 40.2





#3

n-Nitrosodimethylamine

Concen: 0.89 ng

RT: 3.55 min Scan# 140

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

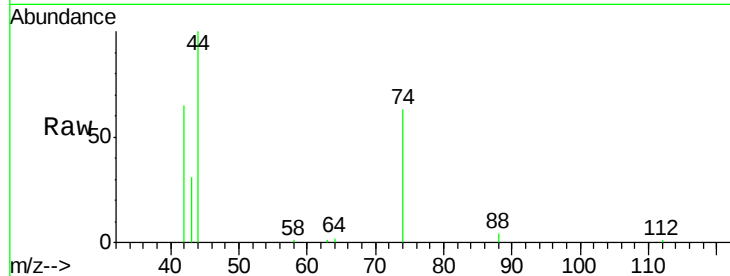
Tgt Ion: 42 Resp: 4723

Ion Ratio Lower Upper

42 100

74 98.8 85.4 128.2

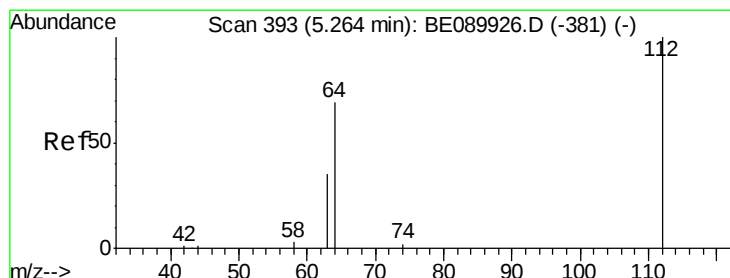
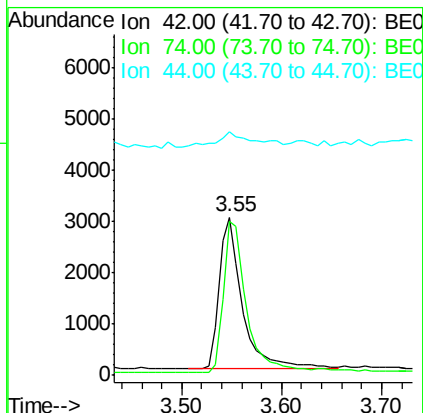
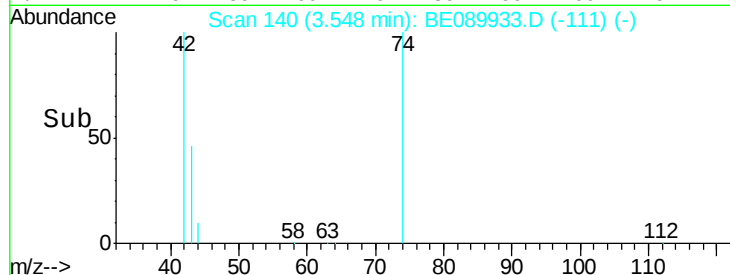
44 16.4 8.4 12.6#



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: 0.83 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

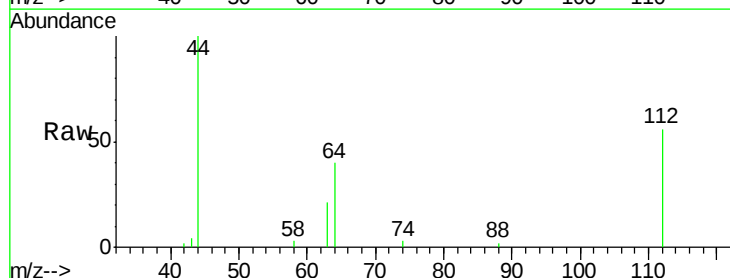
Tgt Ion: 112 Resp: 4420

Ion Ratio Lower Upper

112 100

64 69.9 57.4 86.2

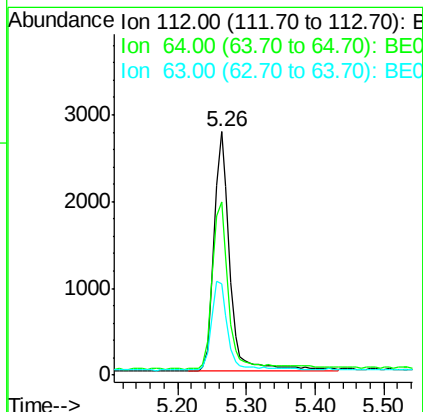
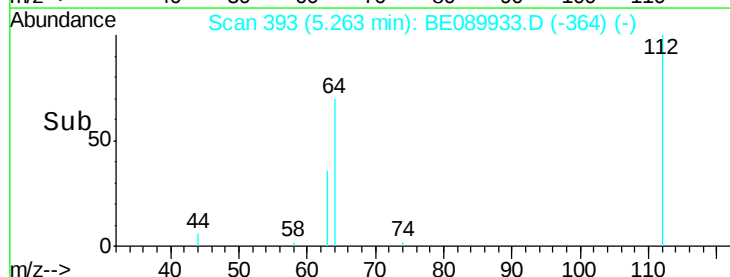
63 36.9 31.2 46.8

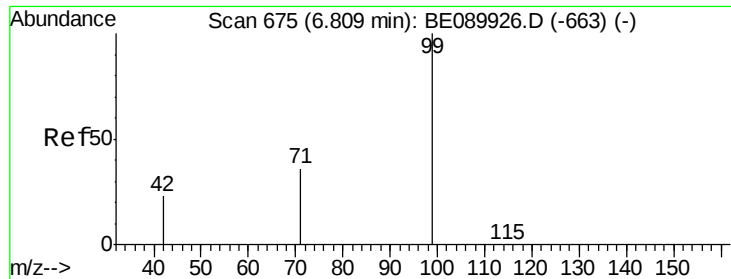


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampled :

DFTPP

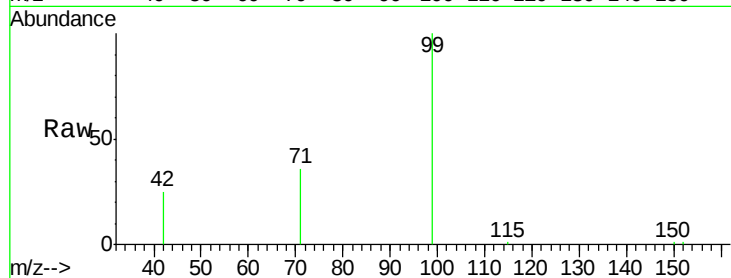
Tgt Ion: 99 Resp: 6938

Ion Ratio Lower Upper

99 100

42 23.6 19.5 29.3

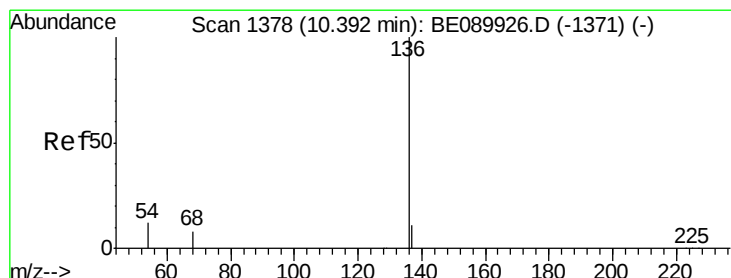
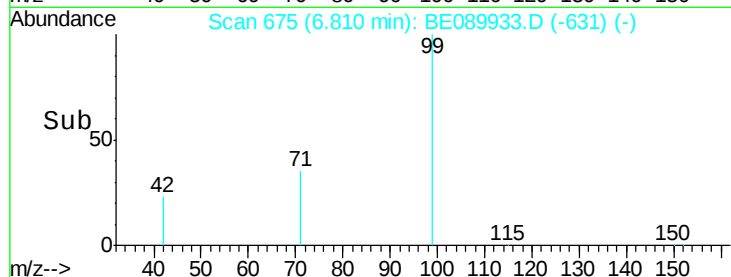
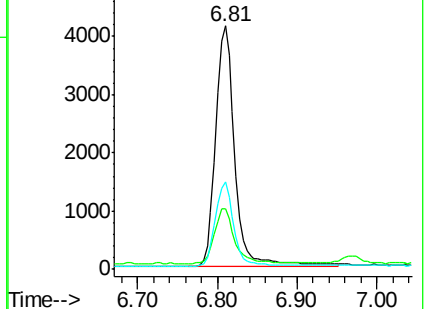
71 33.7 27.8 41.6



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: BE089933.D

Acq: 24 Jun 2015 14:30

Tgt Ion: 136 Resp: 136189

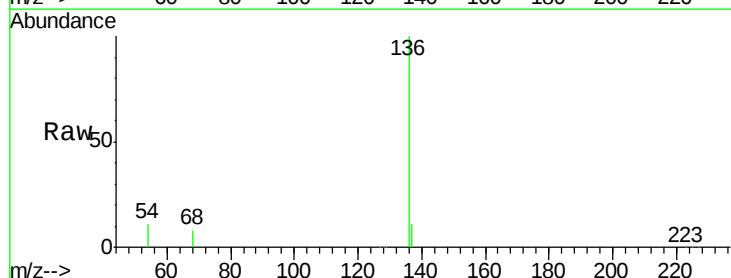
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.4 9.7 14.5

68 7.7 6.5 9.7

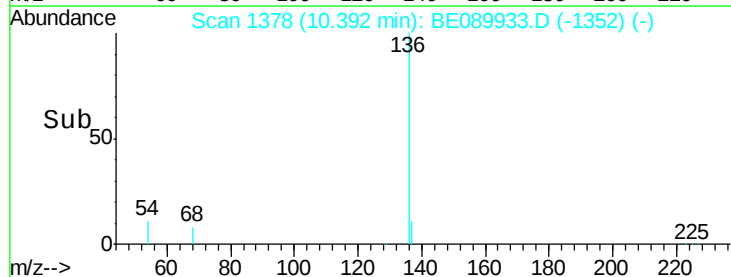
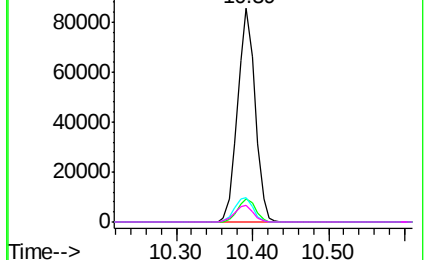


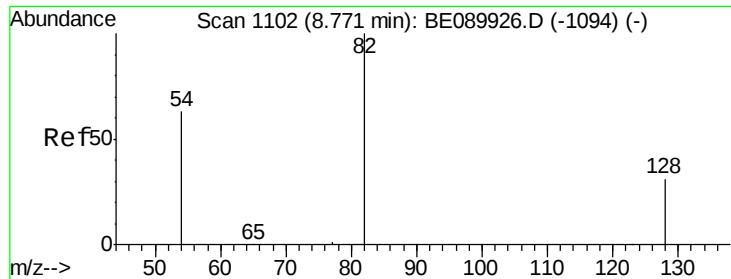
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.89 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

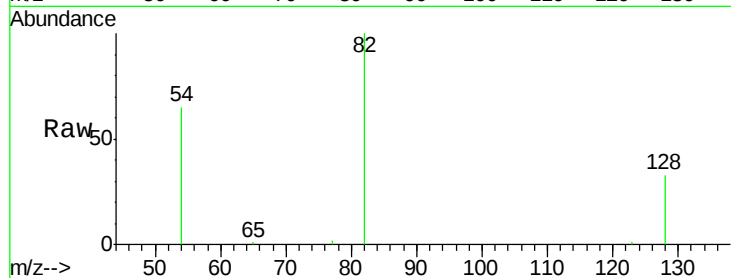
Tgt Ion: 82 Resp: 9047

Ion Ratio Lower Upper

82 100

128 33.4 25.6 38.4

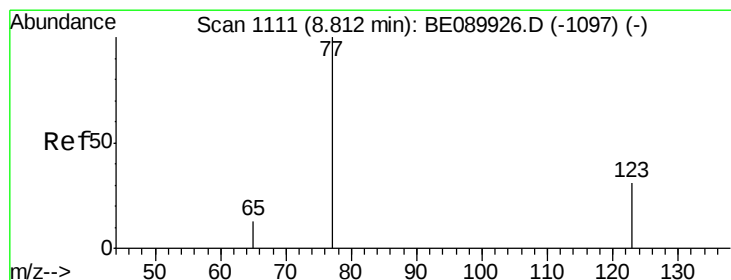
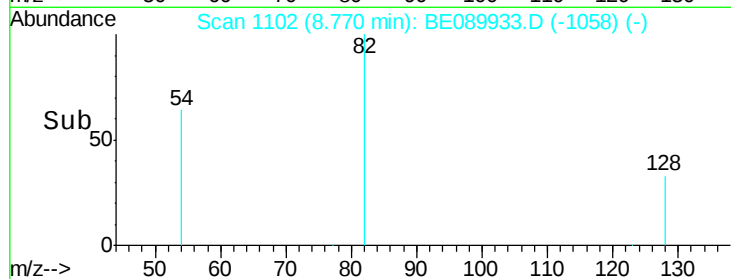
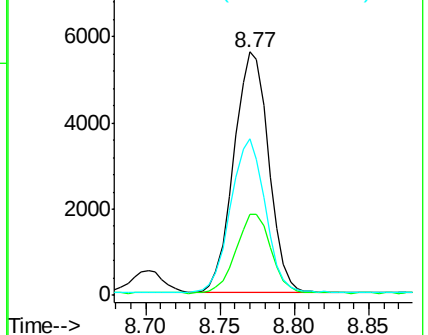
54 64.5 51.2 76.8



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: 0.89 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

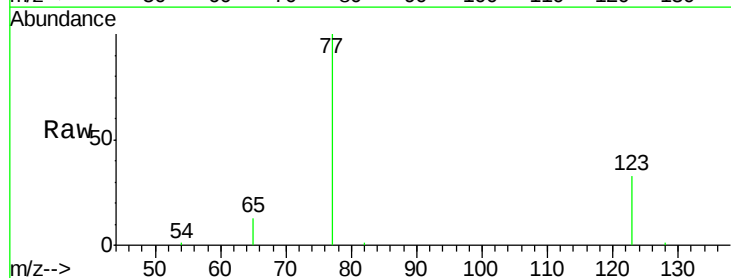
Tgt Ion: 77 Resp: 9553

Ion Ratio Lower Upper

77 100

123 33.5 26.6 39.8

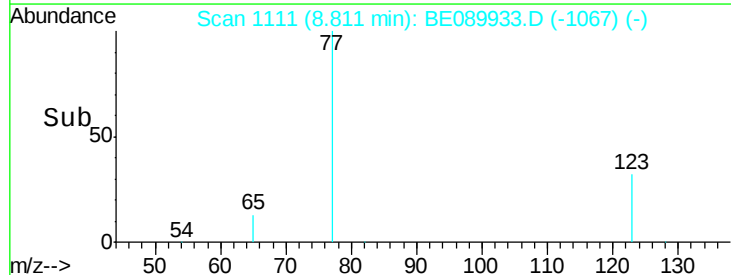
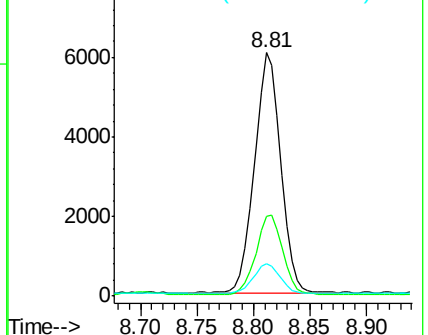
65 12.7 10.2 15.4



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: 0.93 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

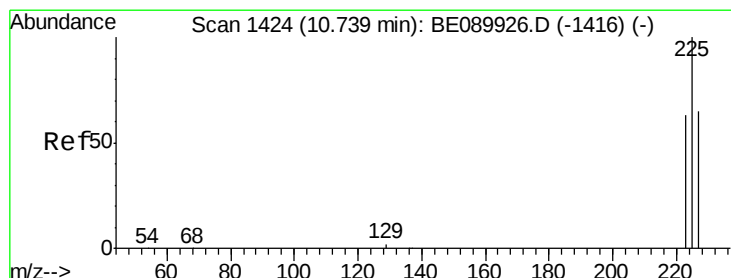
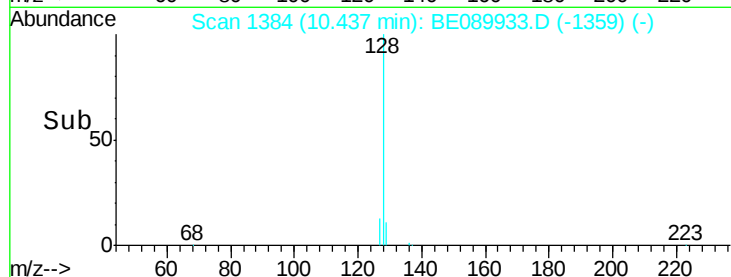
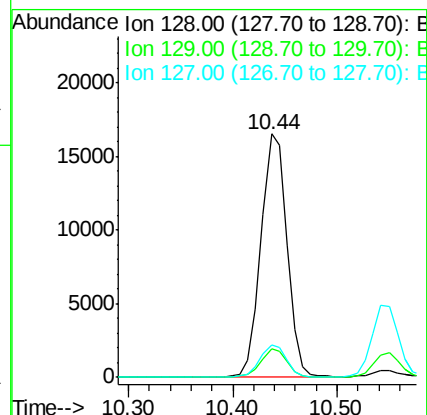
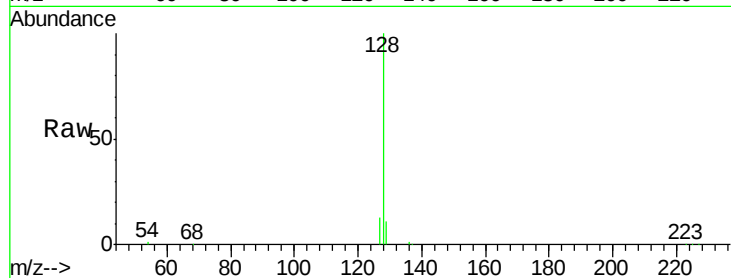
Tgt Ion:128 Resp: 28054

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.5 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

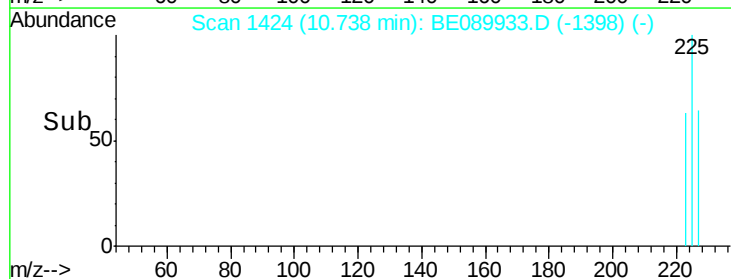
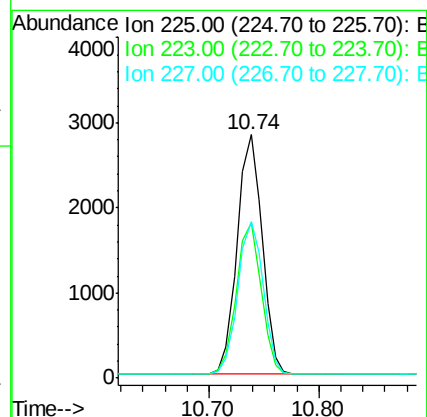
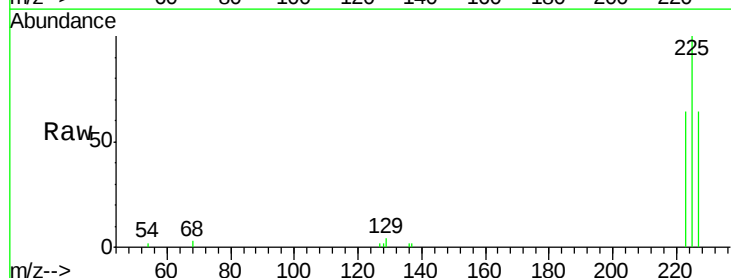
Tgt Ion:225 Resp: 4436

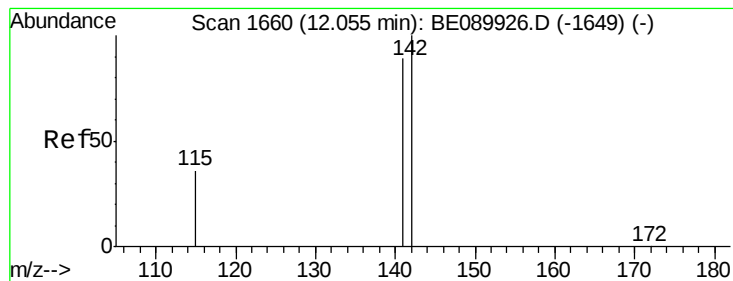
Ion Ratio Lower Upper

225 100

223 62.9 50.0 75.0

227 64.9 50.7 76.1





#11

2-Methylnaphthalene

Concen: 0.89 ng

RT: 12.06 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

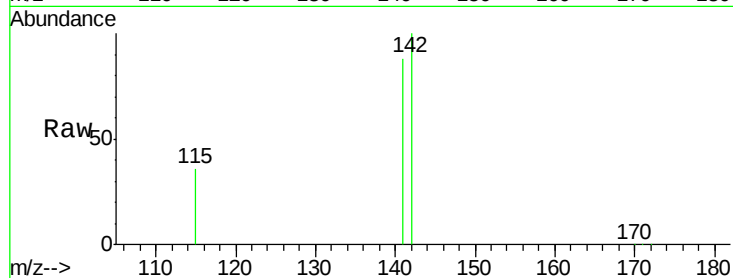
Tgt Ion:142 Resp: 18479

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7

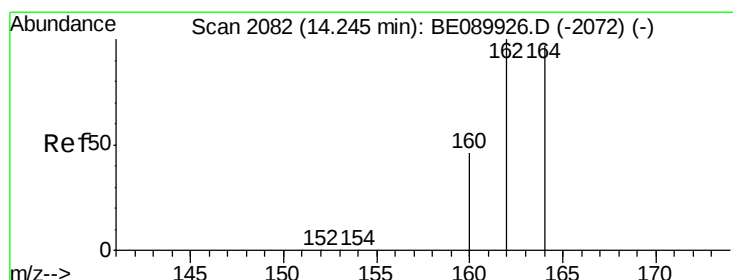
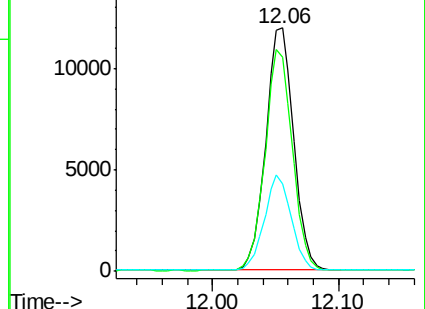
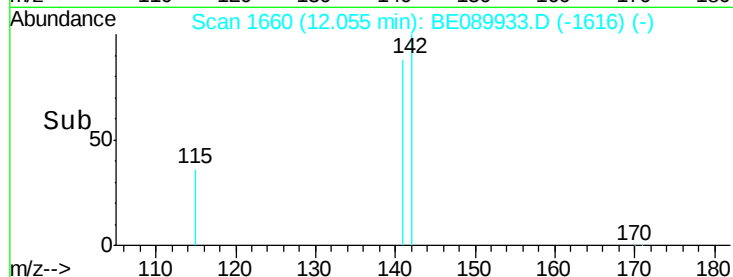
115 36.0 29.1 43.7



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. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

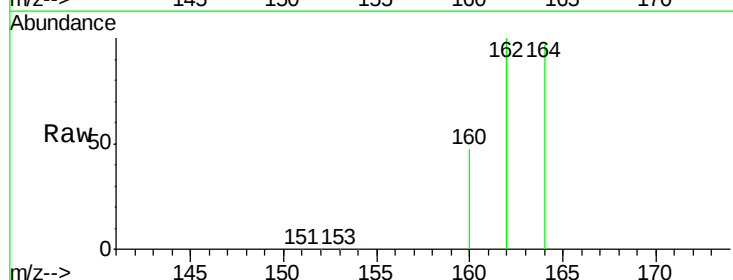
Tgt Ion:164 Resp: 83247

Ion Ratio Lower Upper

164 100

162 103.1 82.7 124.1

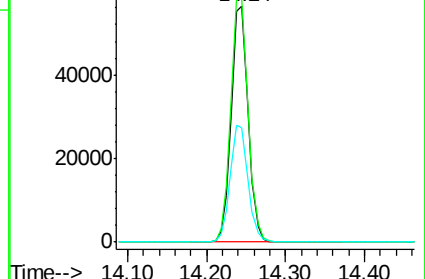
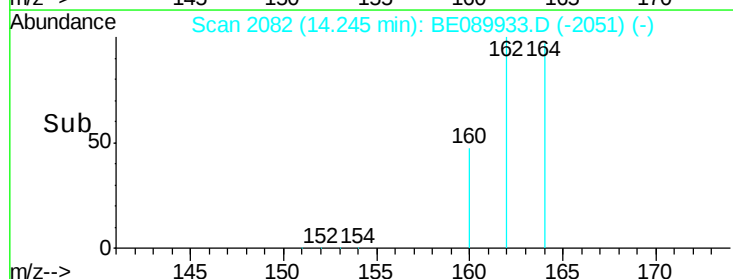
160 48.4 38.3 57.5



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

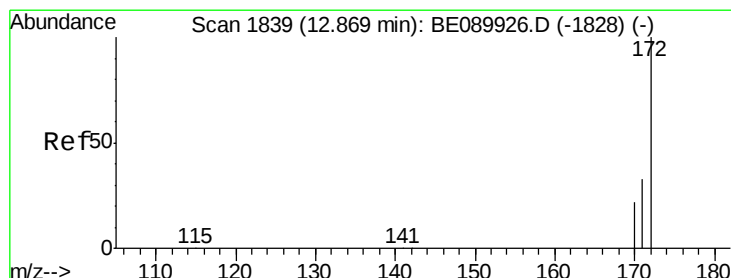
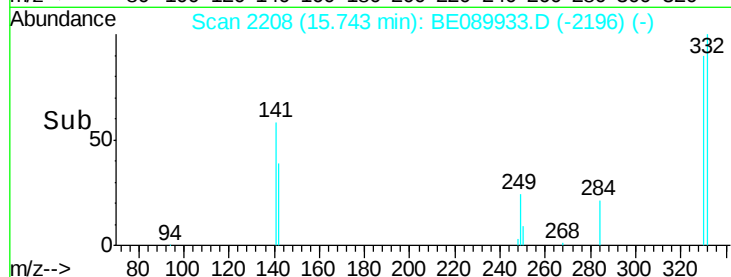
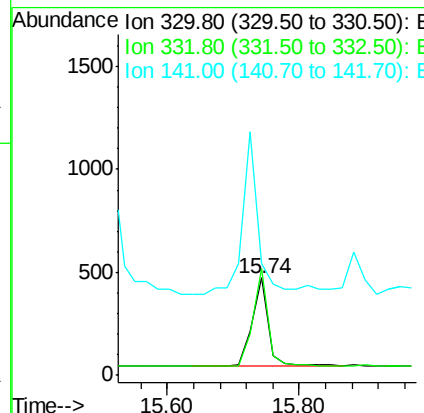
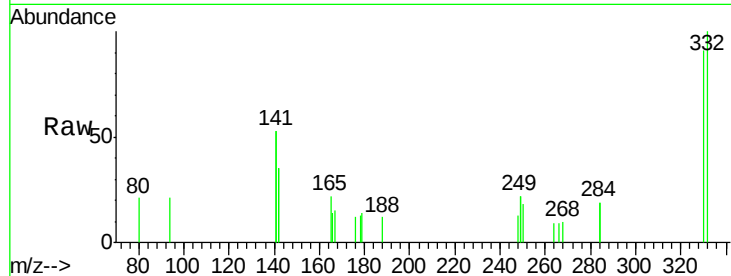




#13
 2,4,6-Tribromophenol
 Concen: 0.80 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

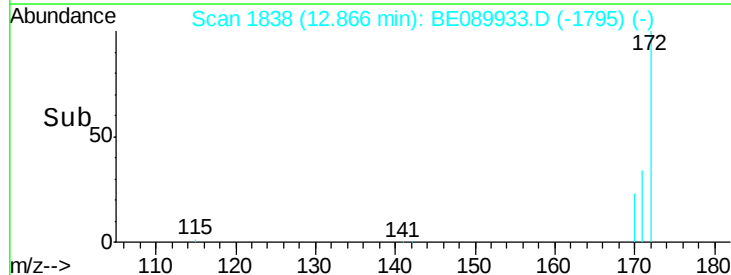
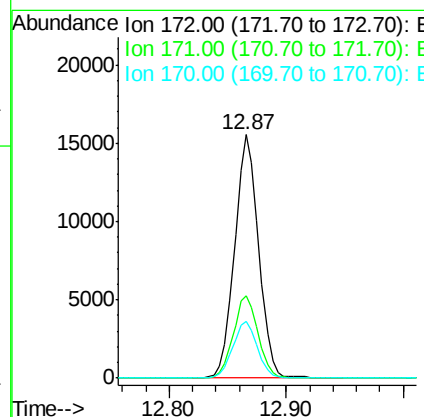
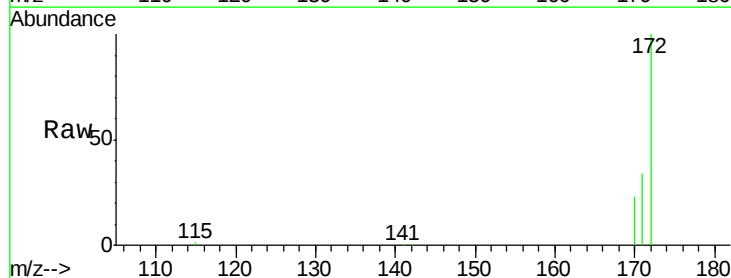
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

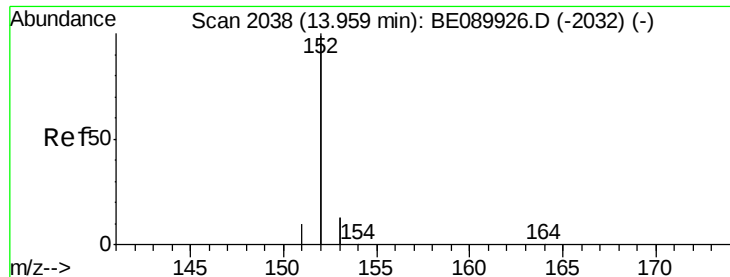
Tgt Ion:330 Resp: 737
 Ion Ratio Lower Upper
 330 100
 332 104.3 77.9 116.9
 141 174.2 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 0.90 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

Tgt Ion:172 Resp: 21815
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.7 40.1
 170 23.2 17.5 26.3





#15

Acenaphthylene

Concen: 0.92 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

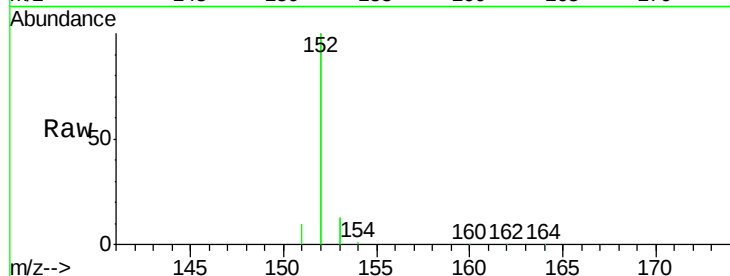
Tgt Ion:152 Resp: 134730

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

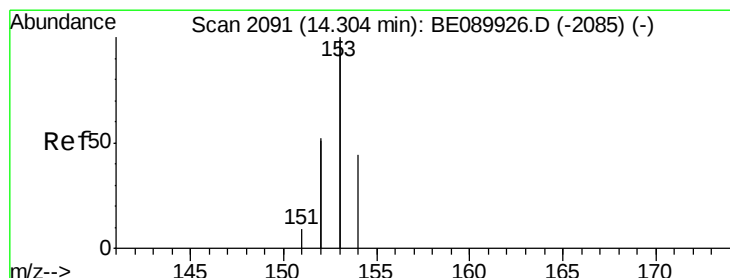
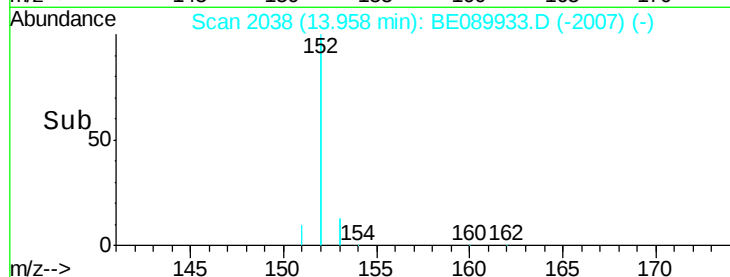
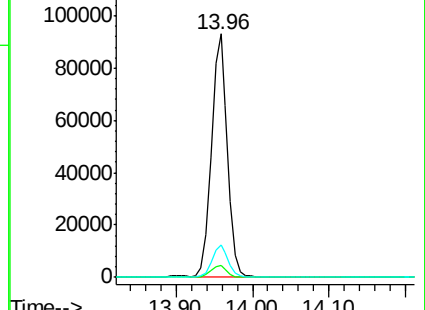
153 12.9 10.4 15.6



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: 0.94 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

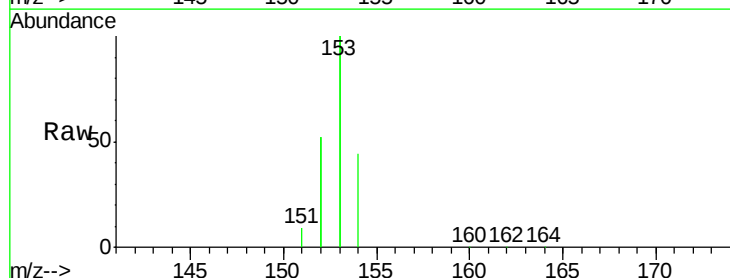
Tgt Ion:154 Resp: 20102

Ion Ratio Lower Upper

154 100

153 459.3 362.8 544.2

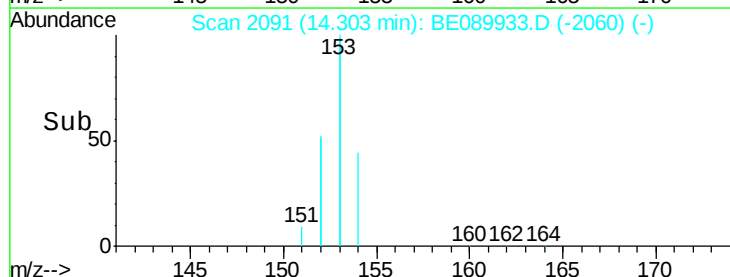
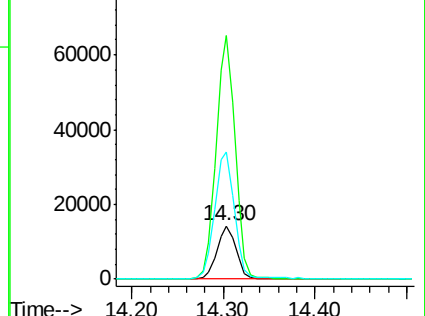
152 246.8 194.6 291.8



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

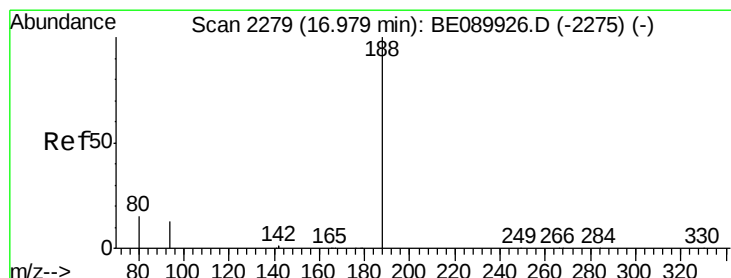
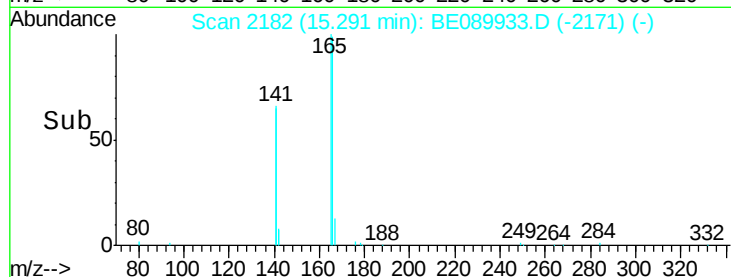
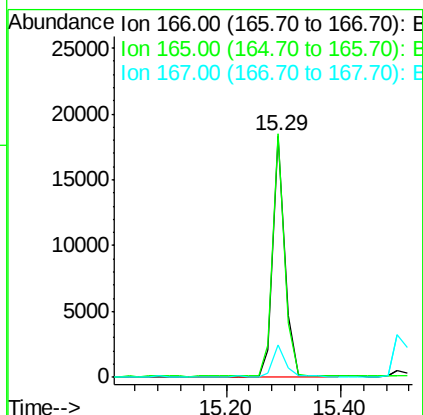
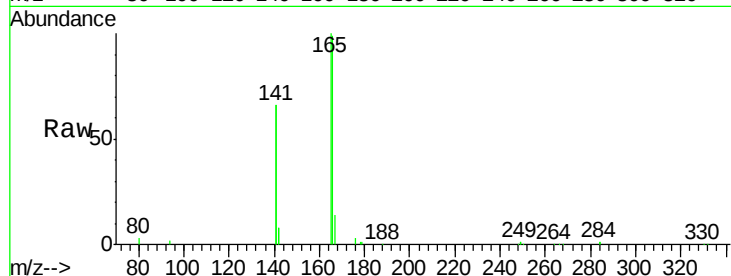




#17
Fluorene
 Concen: 0.98 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

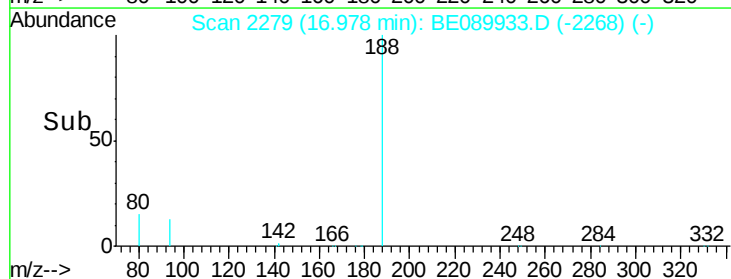
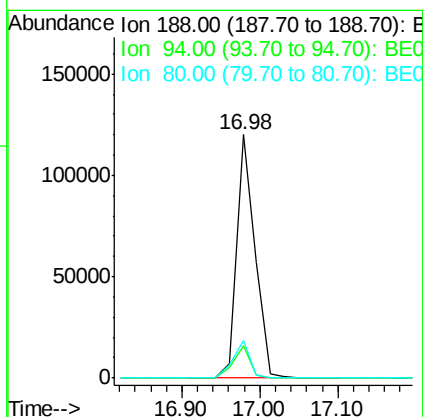
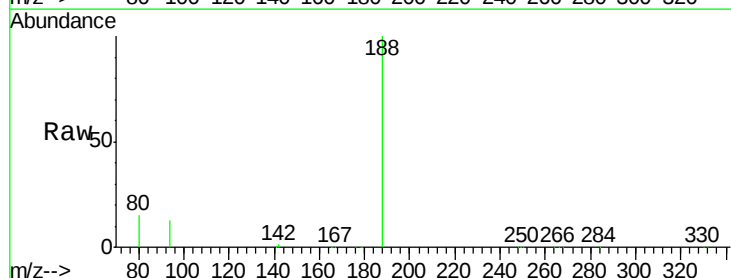
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion:166 Resp: 26352
 Ion Ratio Lower Upper
 166 100
 165 100.4 81.1 121.7
 167 14.1 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: BE089933.D
 Acq: 24 Jun 2015 14:30

Tgt Ion:188 Resp: 195463
 Ion Ratio Lower Upper
 188 100
 94 13.5 10.6 16.0
 80 15.2 11.8 17.6

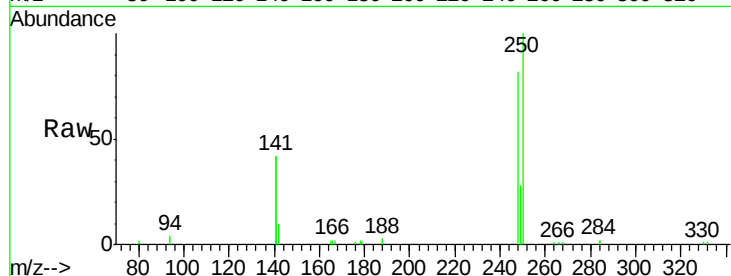




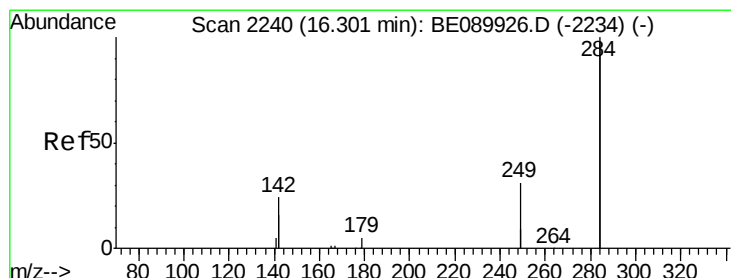
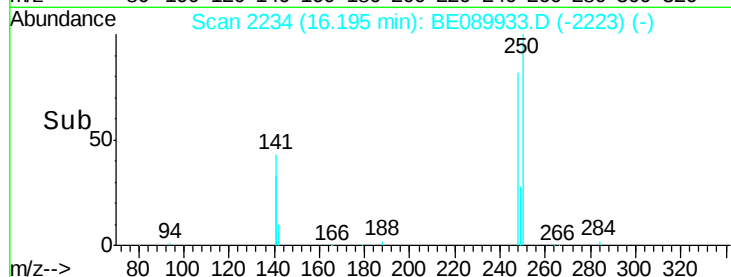
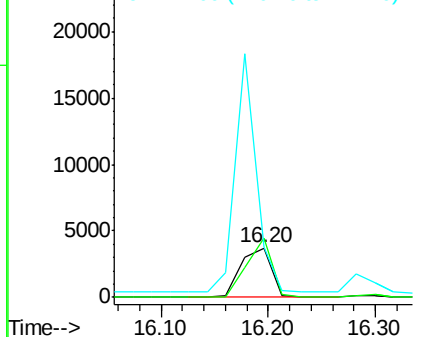
#19
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 16.20 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 7108
Ion Ratio Lower Upper
248 100
250 100.5 79.3 118.9
141 338.5 274.1 411.1

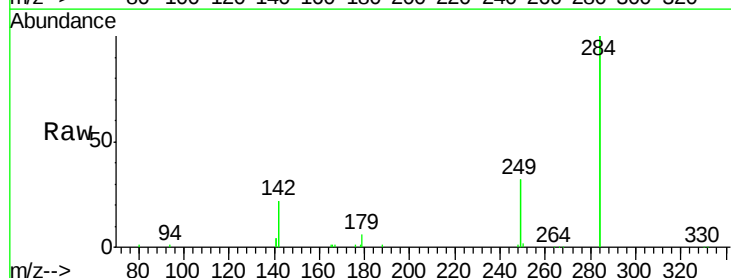


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

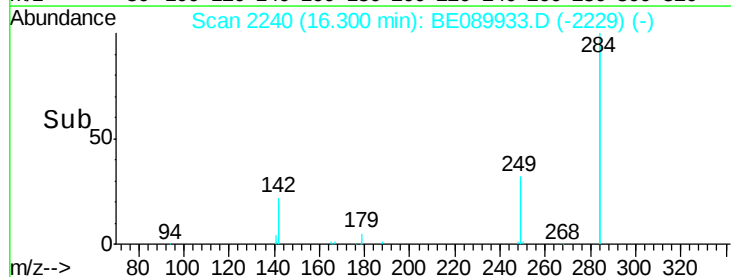
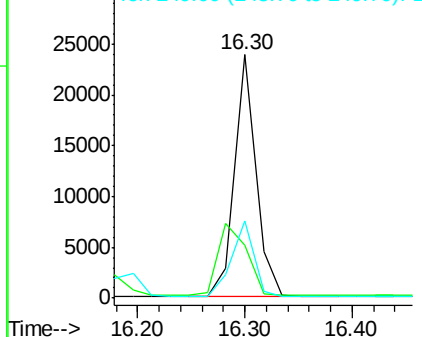


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:284 Resp: 32352
Ion Ratio Lower Upper
284 100
142 40.0 32.0 48.0
249 32.7 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

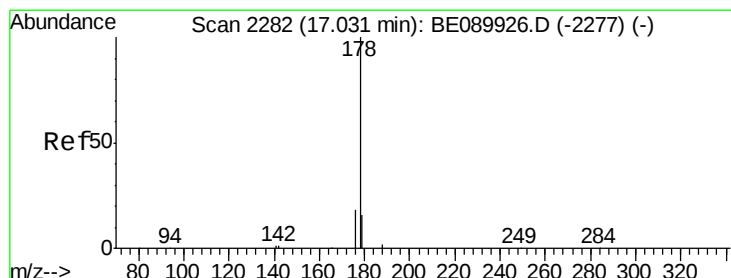
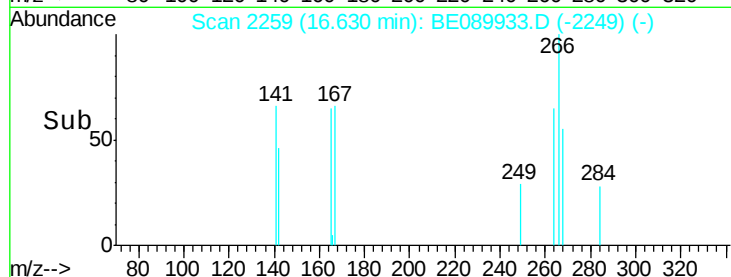
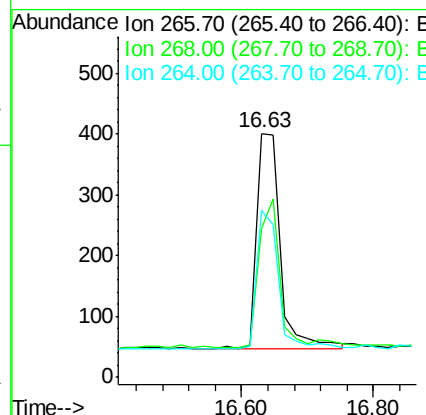
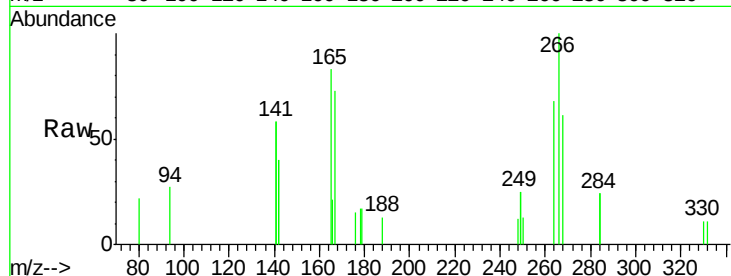




#21
 Pentachlorophenol
 Concen: 0.80 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

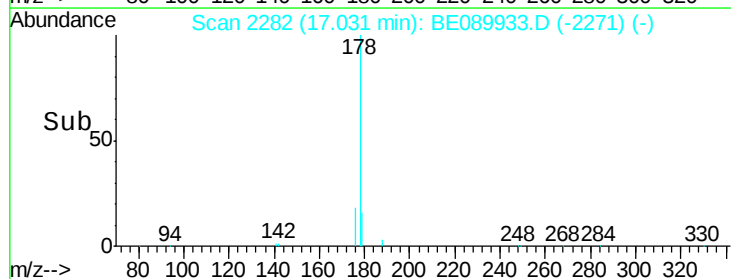
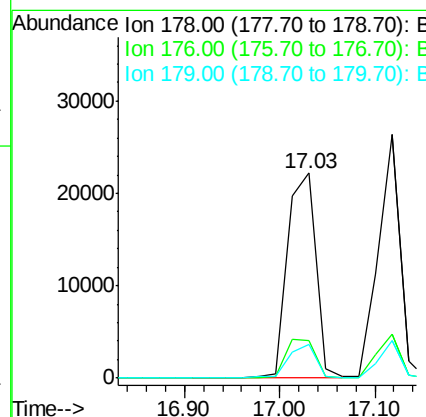
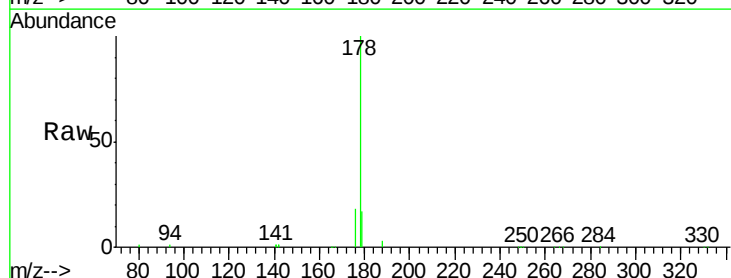
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion: 266 Resp: 878
 Ion Ratio Lower Upper
 266 100
 268 61.1 54.4 81.6
 264 68.3 48.2 72.2



#22
 Phenanthrene
 Concen: 0.92 ng
 RT: 17.03 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

Tgt Ion: 178 Resp: 45253
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0





#23

Anthracene

Concen: 0.91 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

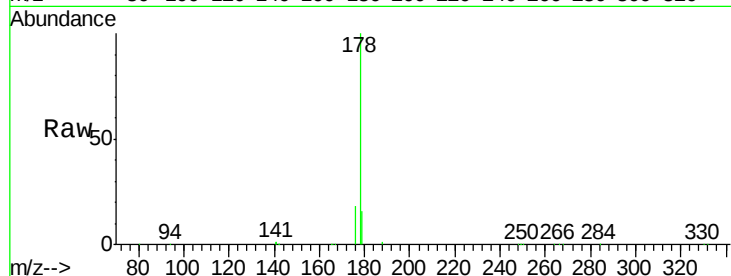
Tgt Ion:178 Resp: 41494

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

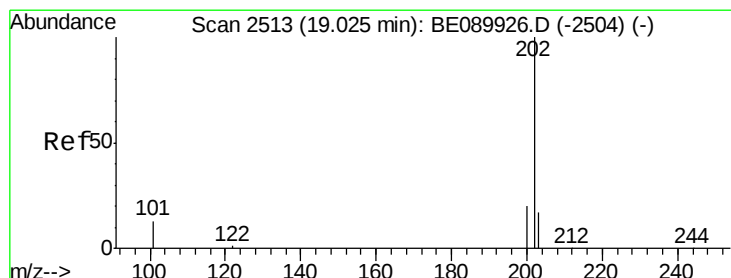
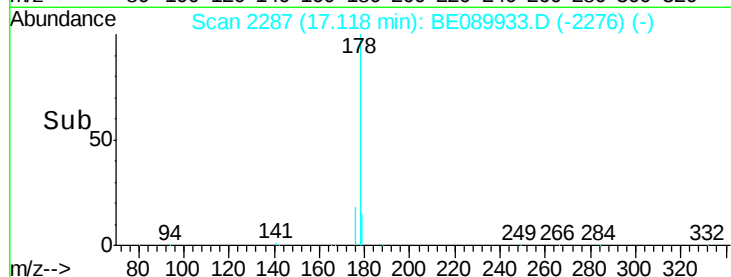
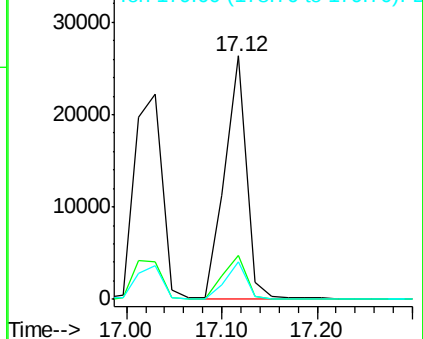
179 15.1 12.3 18.5



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: 0.92 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

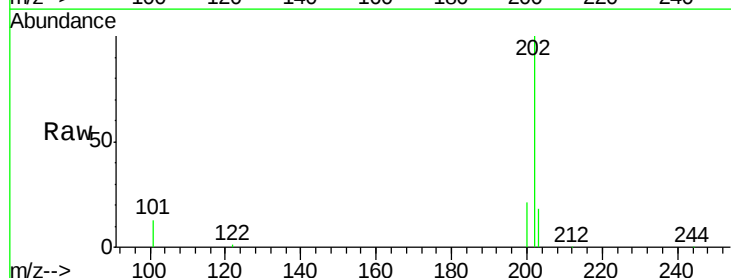
Tgt Ion:202 Resp: 49155

Ion Ratio Lower Upper

202 100

101 13.0 10.6 16.0

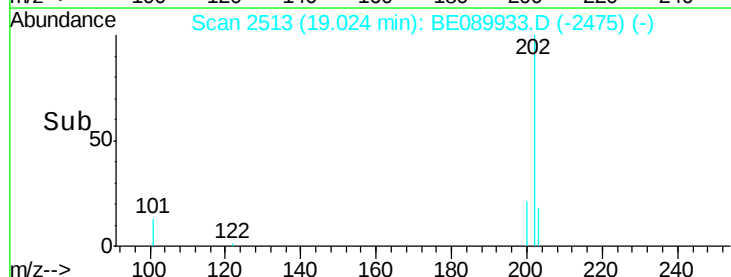
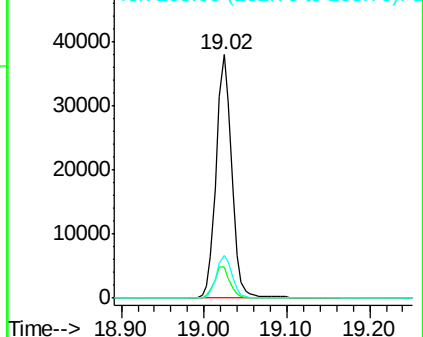
203 17.4 13.8 20.8



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: 21.14 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

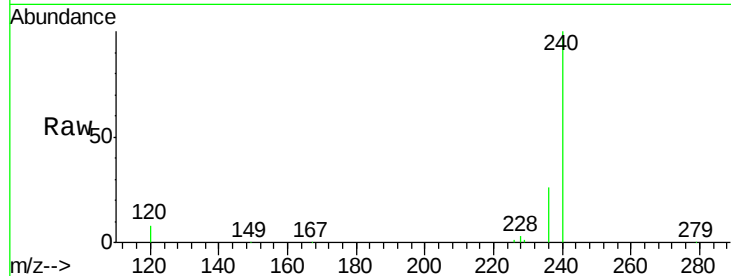
Tgt Ion:240 Resp: 219183

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

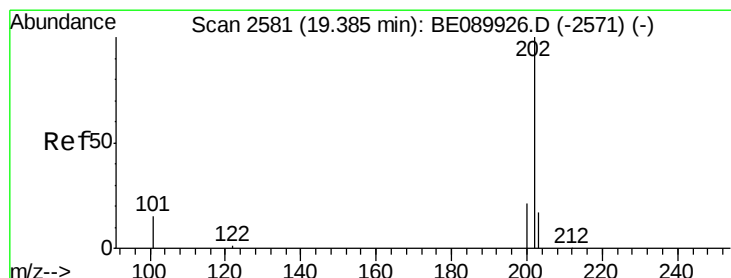
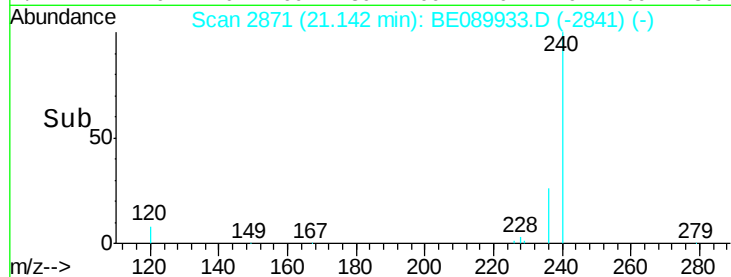
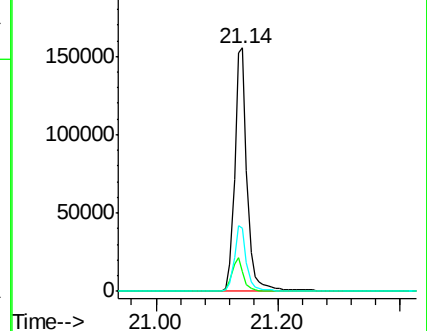
236 25.9 21.2 31.8



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: 0.92 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

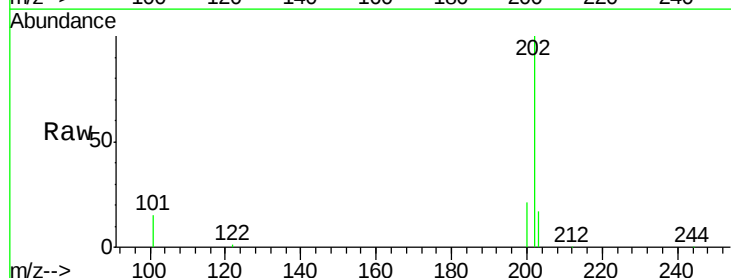
Tgt Ion:202 Resp: 50951

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

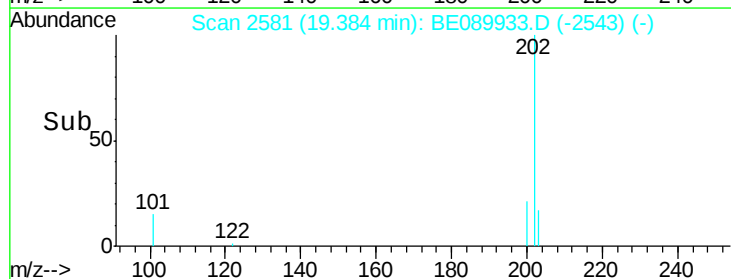
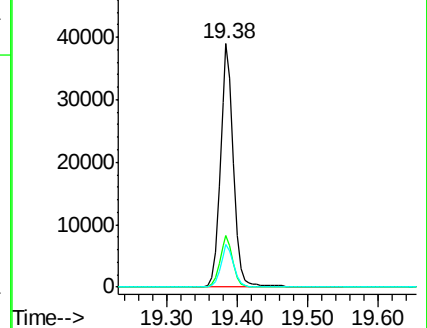
203 17.4 13.9 20.9

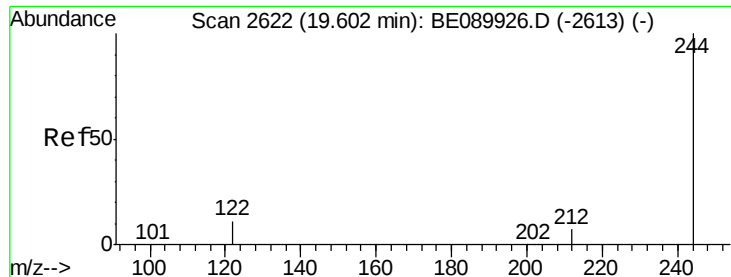


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

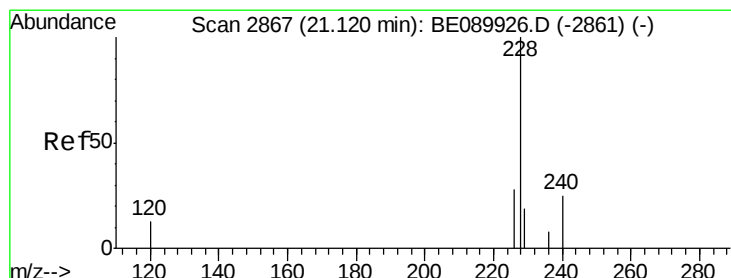
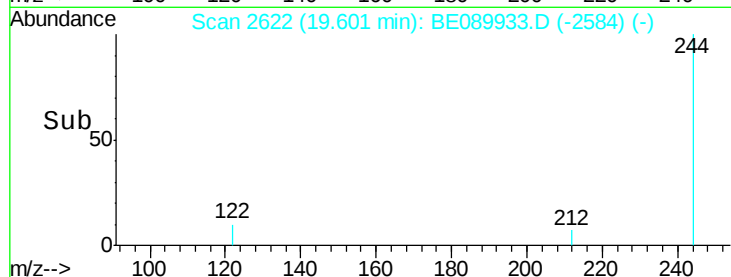
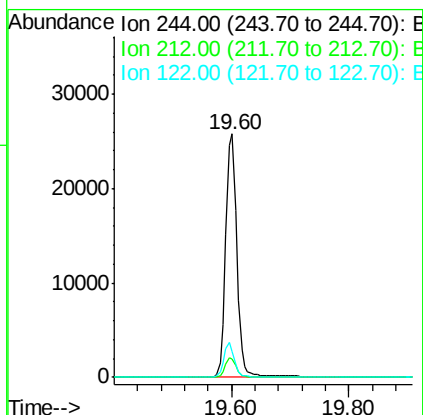
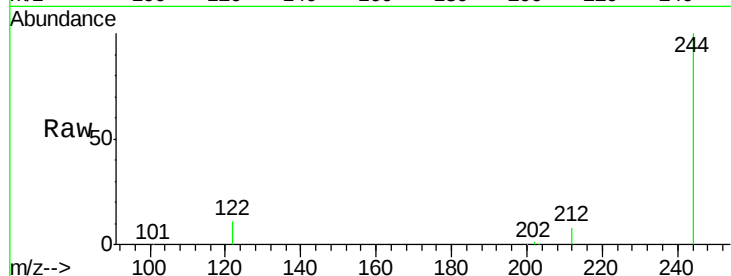




#27
 Terphenyl-d14
 Concen: 0.89 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

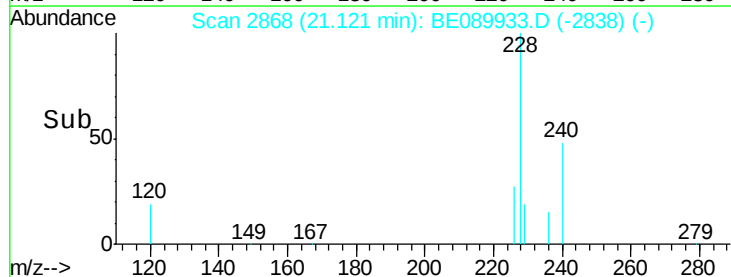
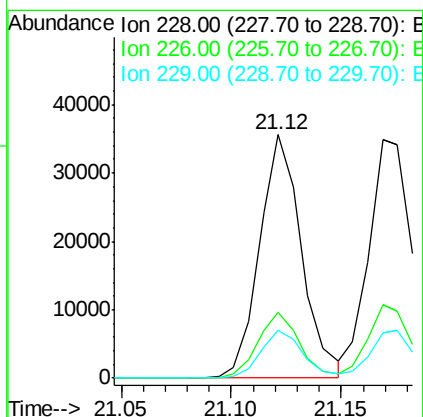
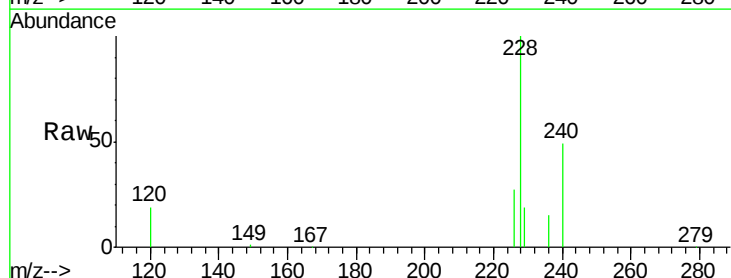
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion: 244 Resp: 33706
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.7 8.7 13.1



#28
 Benzo(a)anthracene
 Concen: 0.90 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089933.D
 Acq: 24 Jun 2015 14:30

Tgt Ion: 228 Resp: 47332
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.2 33.4
 229 19.5 15.3 22.9





#29

Chrysene

Concen: 0.89 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

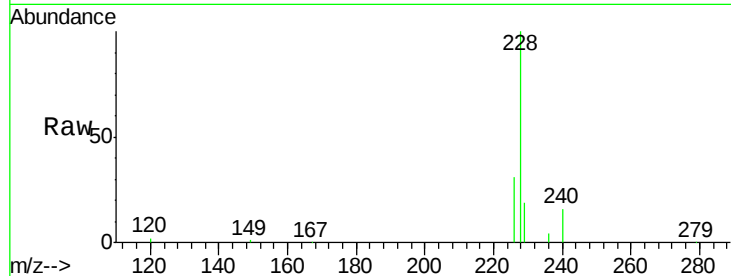
Tgt Ion:228 Resp: 50991

Ion Ratio Lower Upper

228 100

226 31.1 23.7 35.5

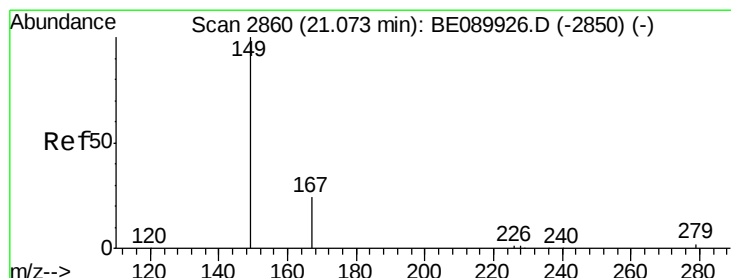
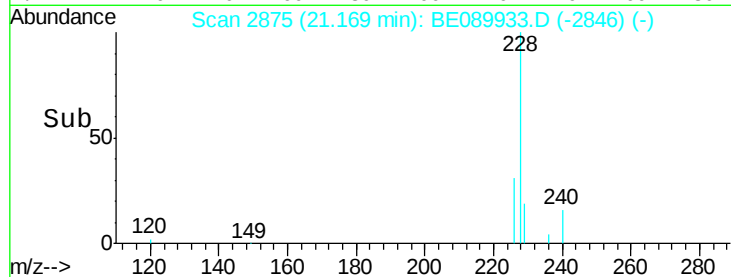
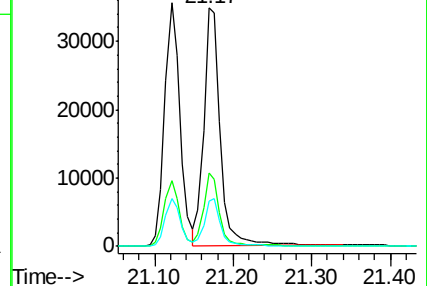
229 19.2 15.8 23.8



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: 0.79 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

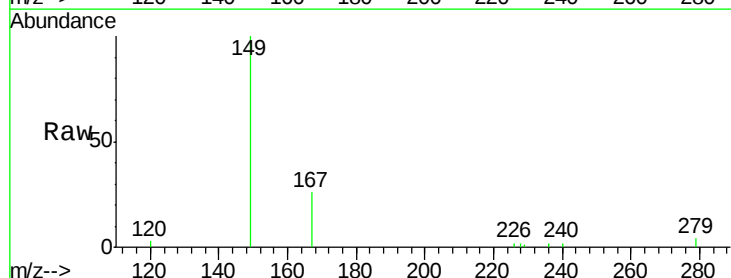
Tgt Ion:149 Resp: 3506

Ion Ratio Lower Upper

149 100

167 25.2 20.3 30.5

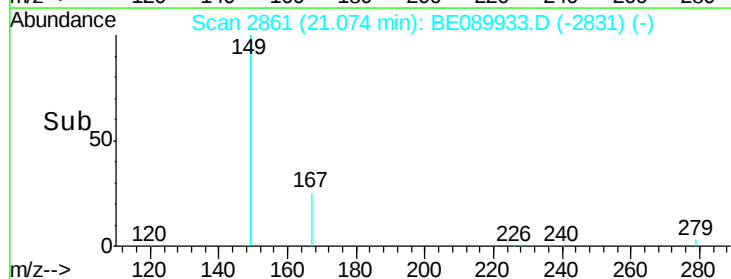
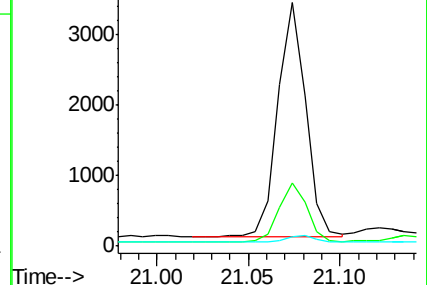
279 3.3 2.7 4.1

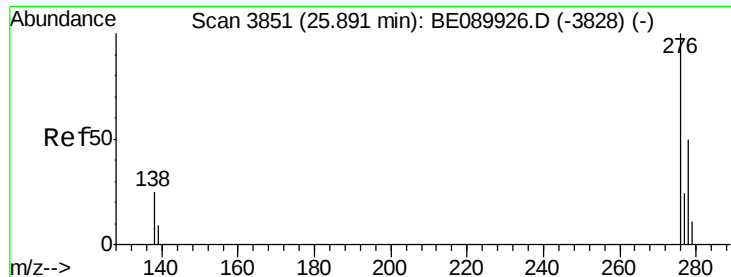


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.92 ng

RT: 25.88 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

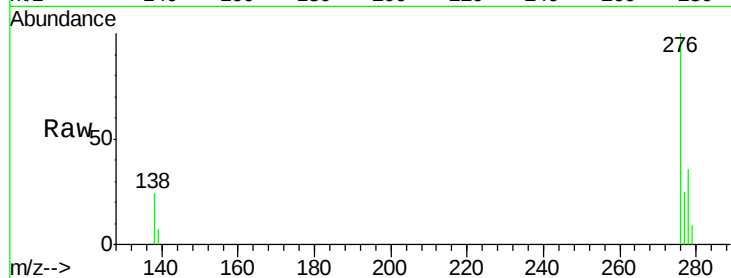
Tgt Ion:276 Resp: 38852

Ion Ratio Lower Upper

276 100

138 26.5 0.0 0.0#

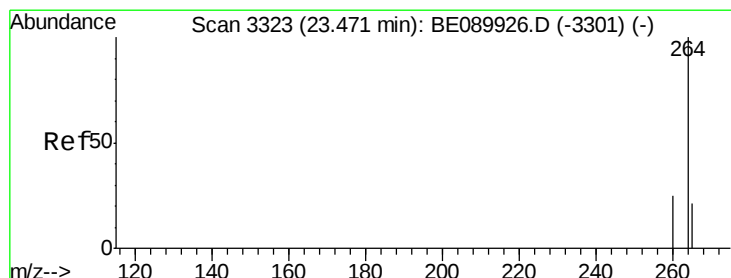
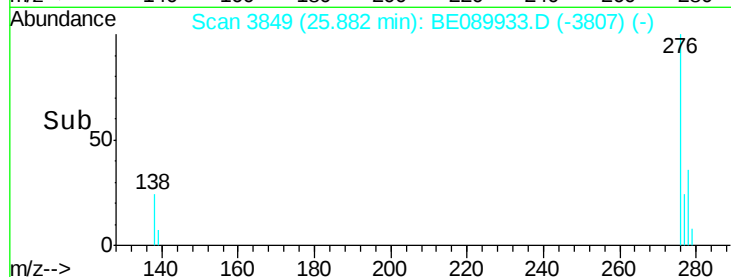
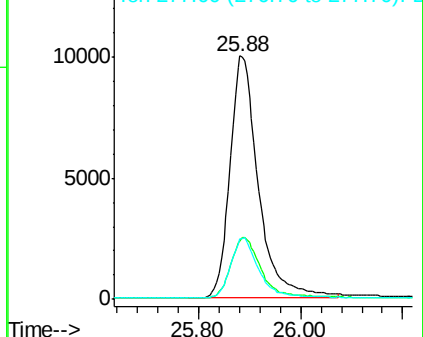
277 24.6 0.0 0.0#



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: BE089933.D

Acq: 24 Jun 2015 14:30

Tgt Ion:264 Resp: 192639

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

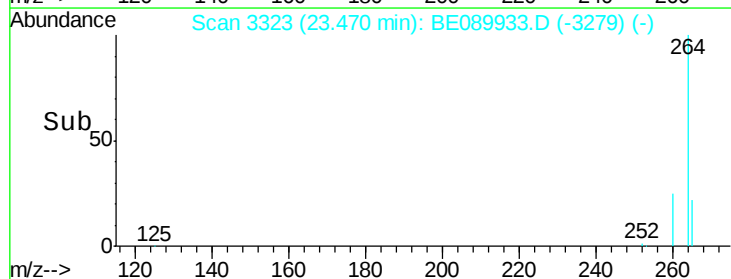
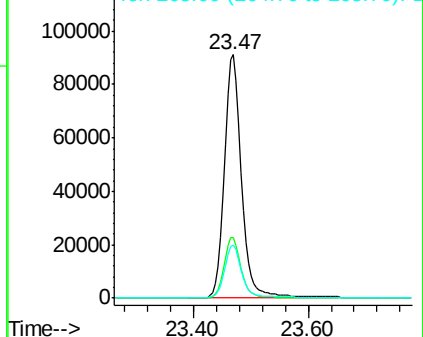
265 21.8 17.3 25.9

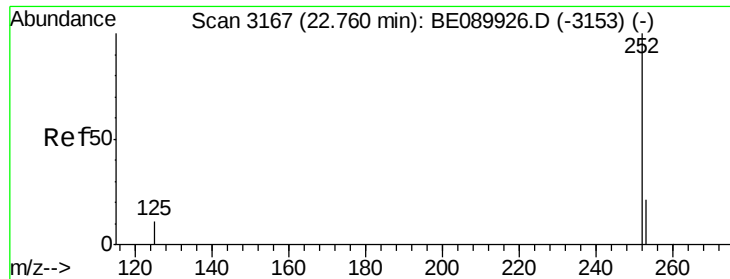


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.94 ng

RT: 22.75 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

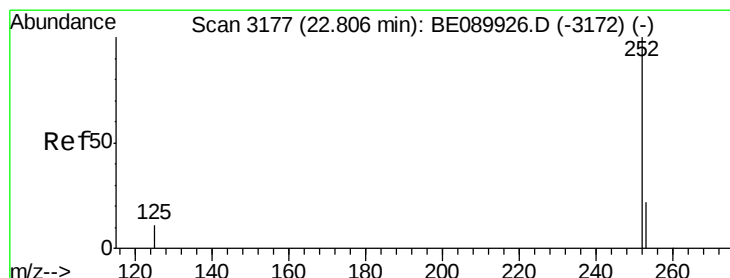
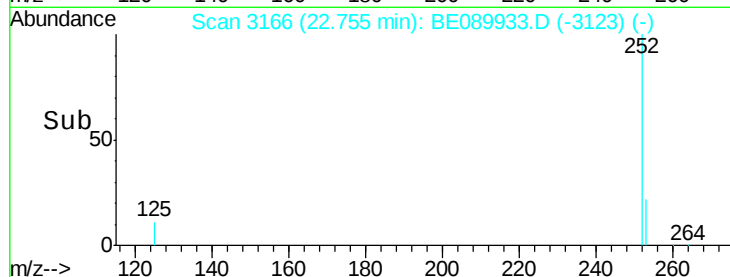
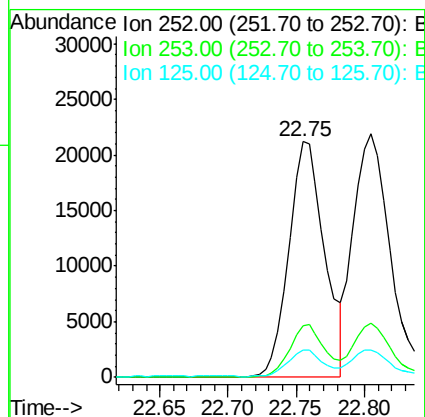
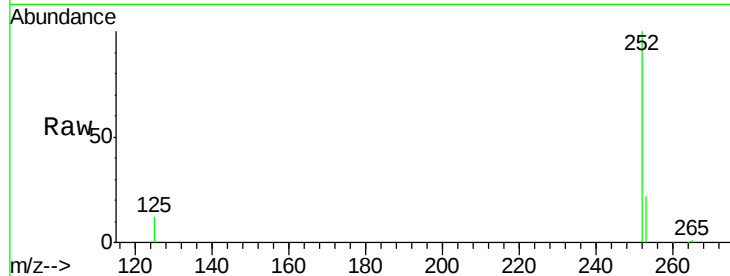
Tgt Ion:252 Resp: 38460

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.8 9.3 13.9



#34

Benzo(k)fluoranthene

Concen: 0.92 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

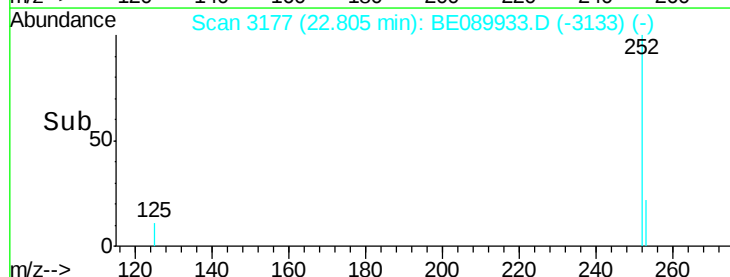
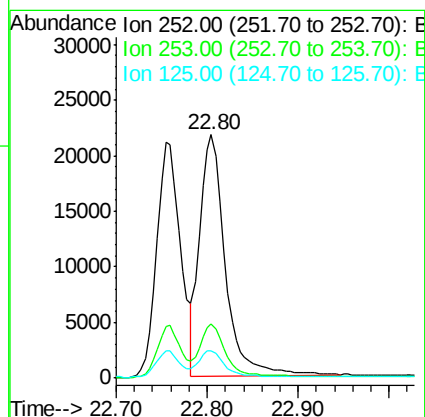
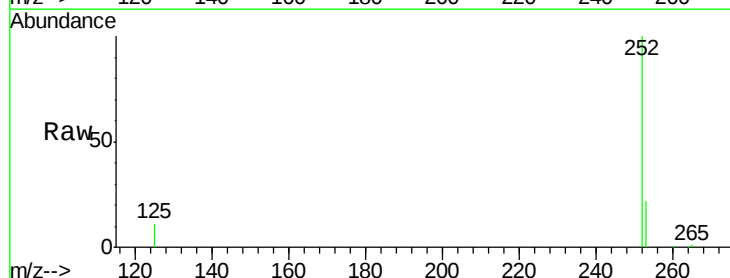
Tgt Ion:252 Resp: 42429

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 11.4 9.2 13.8





#35

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

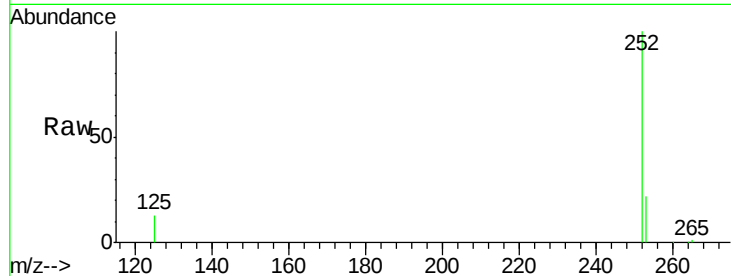
Tgt Ion: 252 Resp: 32869

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

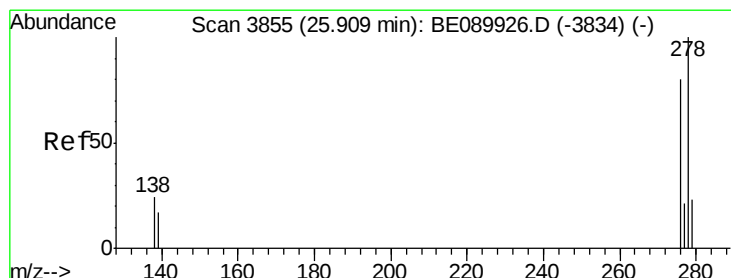
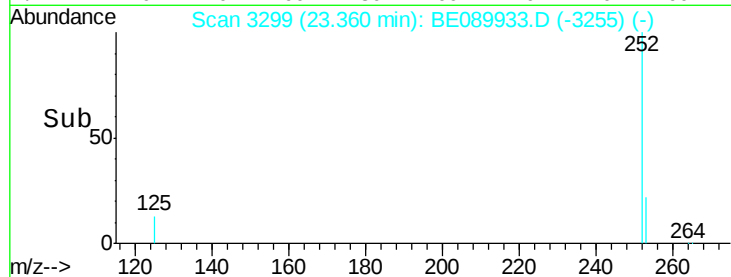
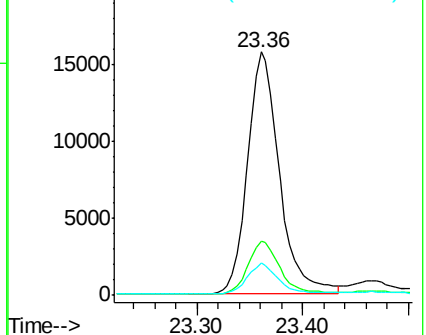
125 13.4 10.3 15.5



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: 0.91 ng

RT: 25.91 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

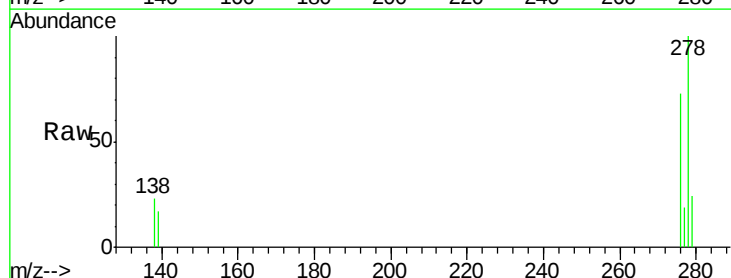
Tgt Ion: 278 Resp: 30525

Ion Ratio Lower Upper

278 100

139 17.1 14.1 21.1

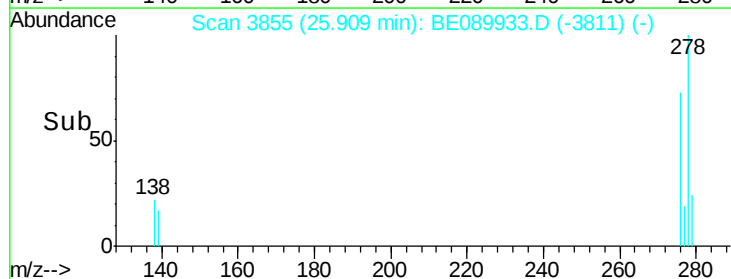
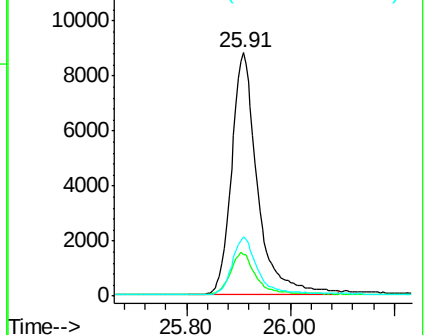
279 24.5 19.0 28.6



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: 0.92 ng

RT: 26.62 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BE089933.D

Acq: 24 Jun 2015 14:30

Instrument :

BNA_E

ClientSampleId :

DFTPP

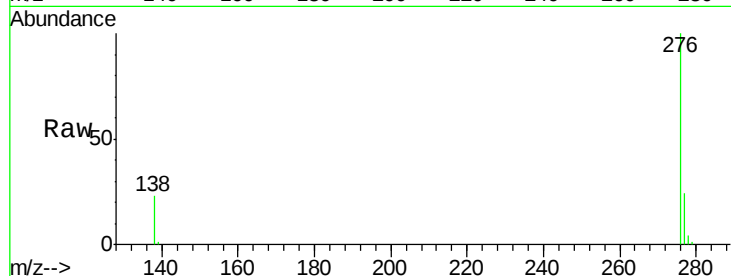
Tgt Ion: 276 Resp: 33274

Ion Ratio Lower Upper

276 100

277 23.9 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

