

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092538.D
 Acq On : 16 Nov 2016 17:51
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 17 14:09:20 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7250	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	35245	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24867	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55313	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81948	5.00	ng	0.00
31) Perylene-d12	24.08	264	70413	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	487	0.40	ng	0.00
5) Phenol-d6	7.36	99	600	0.40	ng	0.00
8) Nitrobenzene-d5	9.36	82	741	0.40	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	194	0.35	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2406	0.40	ng	0.00
26) Terphenyl-d14	20.17	244	3496	0.37	ng	0.00

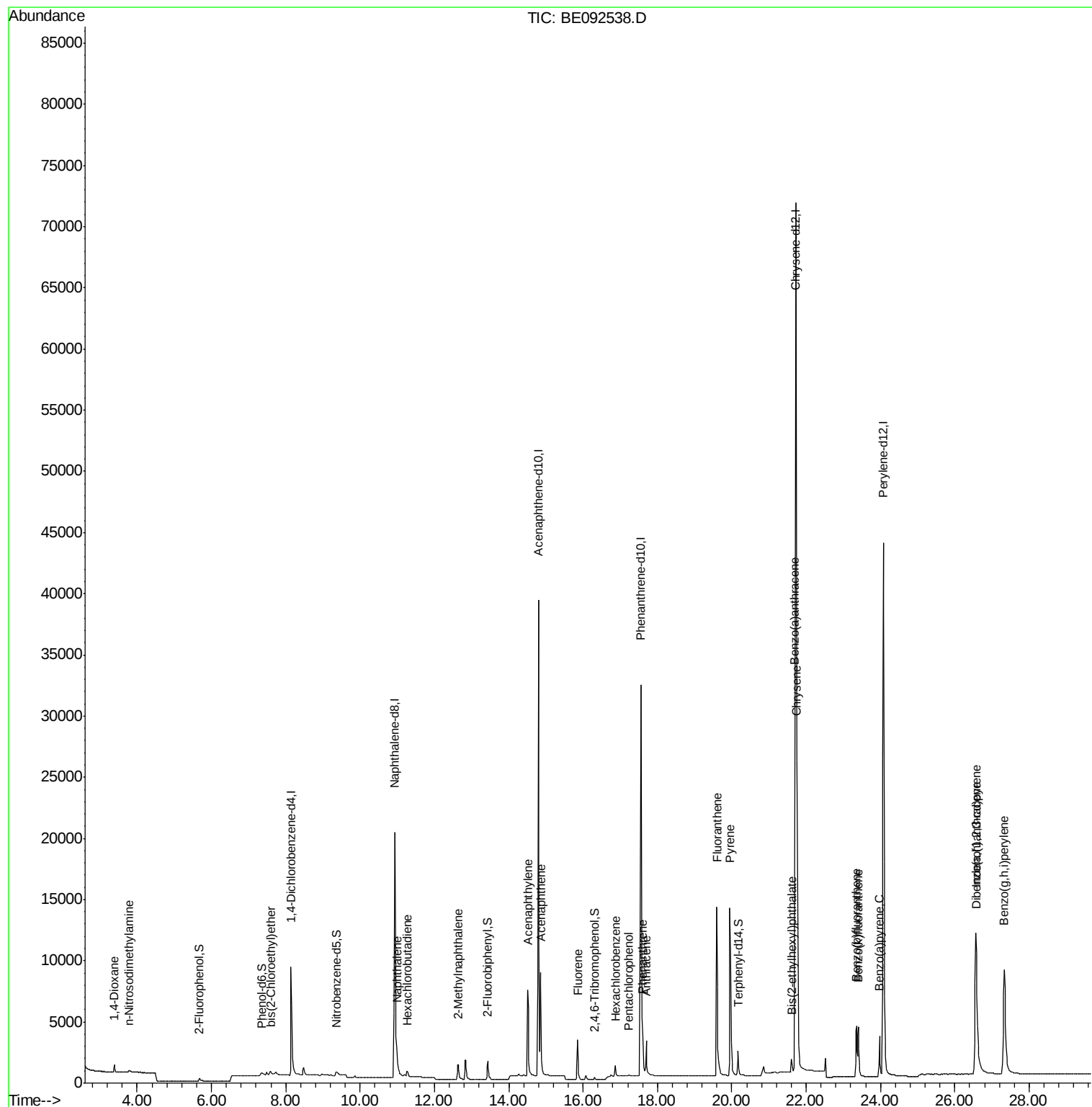
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	447	0.42	ng	94
3) n-Nitrosodimethylamine	3.78	42	365	0.47	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	666	0.34	ng	# 85
9) Naphthalene	10.99	128	2941	0.40	ng	96
10) Hexachlorobutadiene	11.26	225	461	0.42	ng	100
11) 2-Methylnaphthalene	12.64	142	1809	0.39	ng	93
15) Acenaphthylene	14.51	152	13176	0.38	ng	100
16) Acenaphthene	14.87	154	2218	0.39	ng	94
17) Fluorene	15.86	166	2761	0.39	ng	98
19) Hexachlorobenzene	16.87	284	874m	0.40	ng	
20) Pentachlorophenol	17.24	266	151m	0.45	ng	
21) Phenanthrene	17.60	178	5045	0.41	ng	# 74
22) Anthracene	17.70	178	4655	0.40	ng	98
23) Fluoranthene	19.59	202	23213	0.40	ng	99
25) Pyrene	19.95	202	24256	0.37	ng	100
27) Benzo(a)anthracene	21.70	228	27498m	0.45	ng	
28) Chrysene	21.75	228	28278m	0.41	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	1765	0.44	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.56	276	28801	0.42	ng	98
32) Benzo(b)fluoranthene	23.36	252	6895	0.40	ng	97
33) Benzo(k)fluoranthene	23.41	252	6582	0.37	ng	99
34) Benzo(a)pyrene	23.97	252	5858	0.37	ng	98
35) Dibenzo(a,h)anthracene	26.58	278	5770	0.37	ng	# 96
36) Benzo(g,h,i)perylene	27.33	276	25171	0.38	ng	99

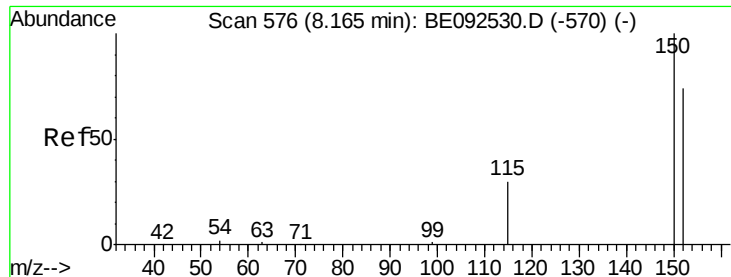
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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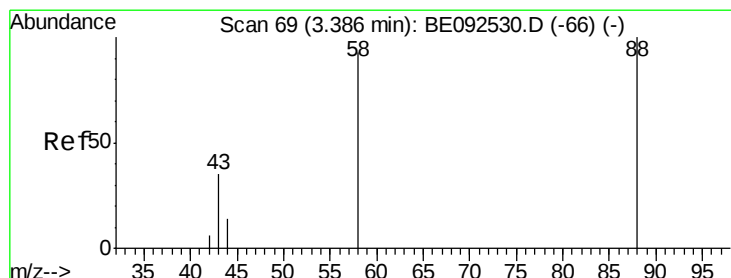
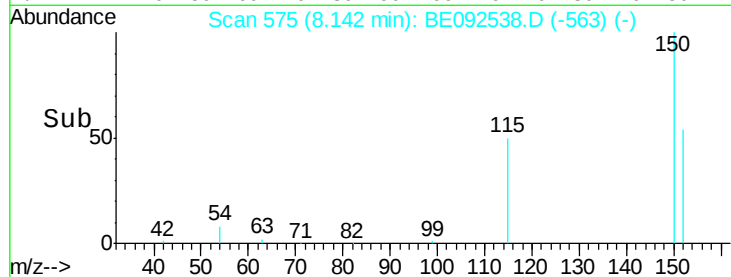
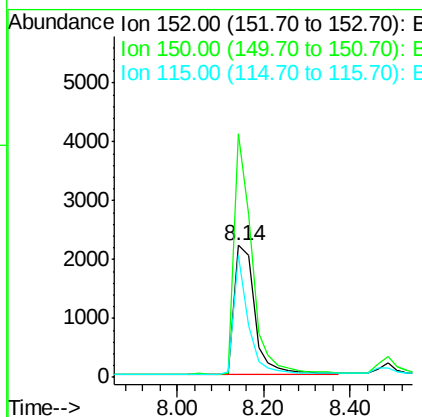
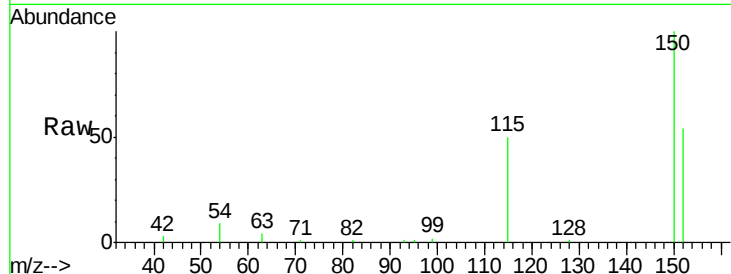




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.14 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

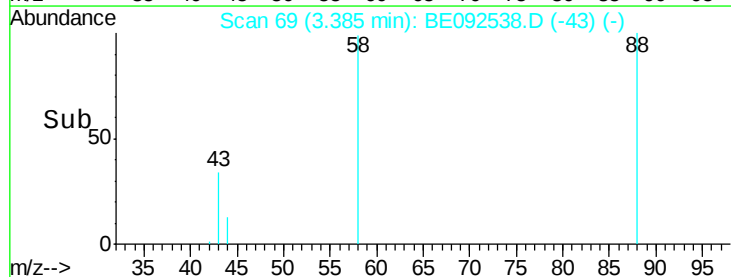
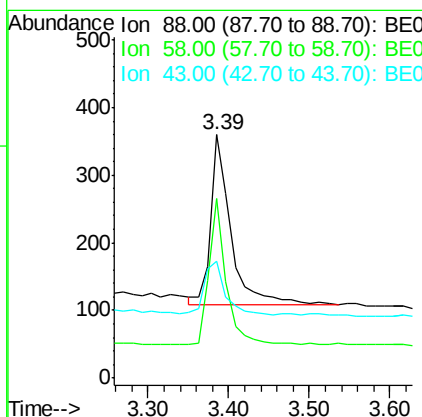
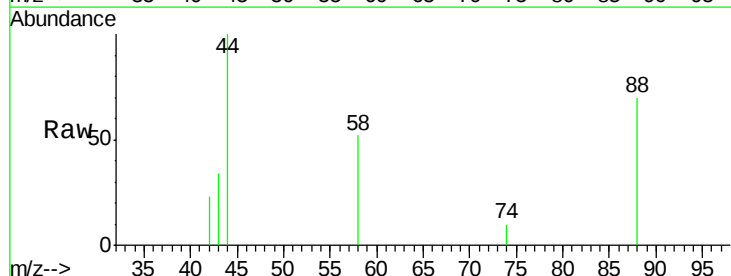
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

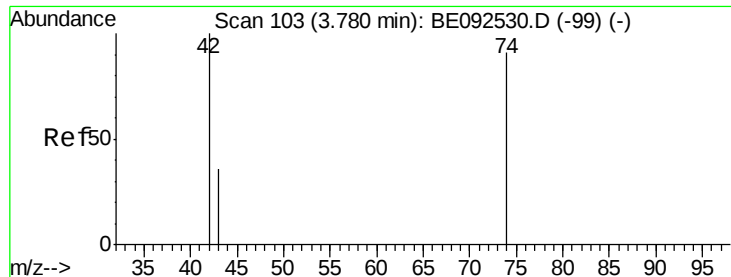
Tot Ion:152 Resp: 7250
 Ion Ratio Lower Upper
 152 100
 150 184.3 106.0 159.0#
 115 92.7 31.2 46.8#



#2
 1,4-Dioxane
 Concen: 0.42 ng
 RT: 3.39 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

Tgt Ion: 88 Resp: 447
 Ion Ratio Lower Upper
 88 100
 58 74.5 63.6 95.4
 43 30.2 28.0 42.0



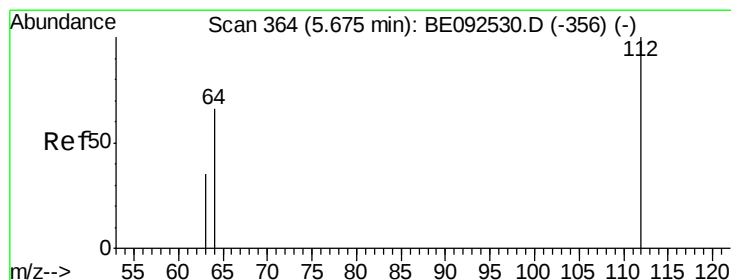
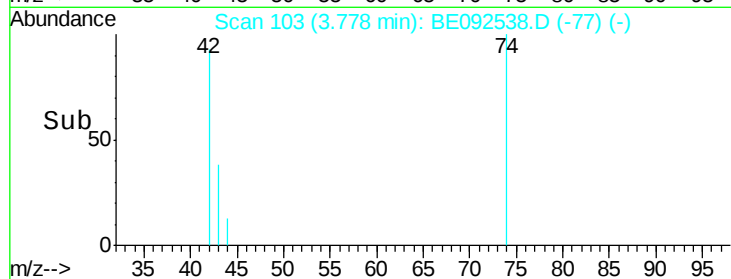
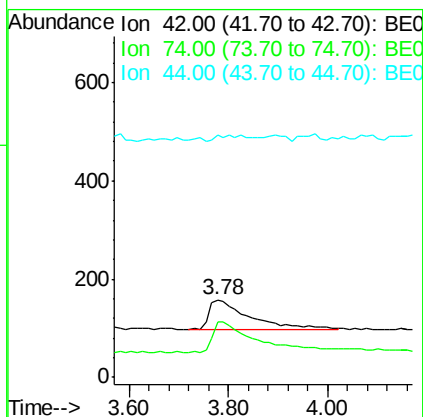
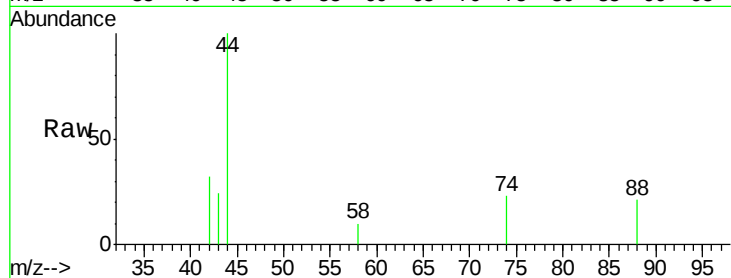


#3

n-Nitrosodimethylamine
 Concen: 0.47 ng
 RT: 3.78 min Scan# 103
 Delta R.T. -0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

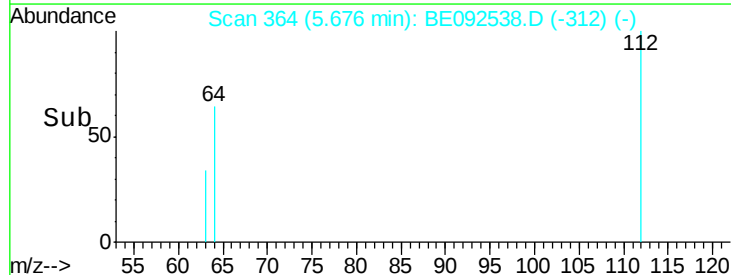
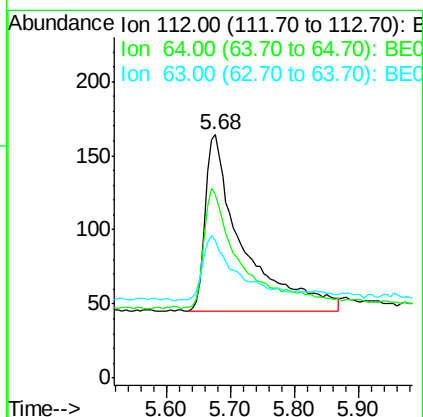
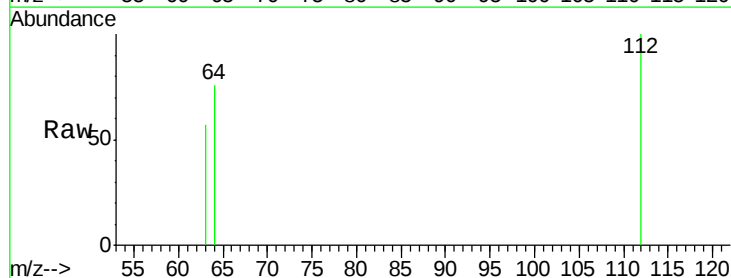
Tot Ion: 42 Resp: 365
 Ion Ratio Lower Upper
 42 100
 74 104.7 86.0 129.0
 44 15.9 5.1 7.7#



#4

2-Fluorophenol
 Concen: 0.40 ng
 RT: 5.68 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

Tgt Ion: 112 Resp: 487
 Ion Ratio Lower Upper
 112 100
 64 69.0 53.5 80.3
 63 34.7 27.9 41.9





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

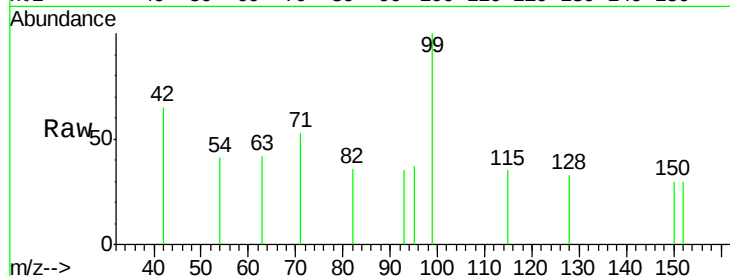
Tot Ion: 99 Resp: 600

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.36

150

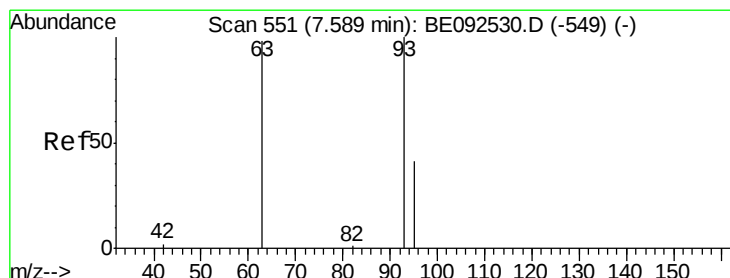
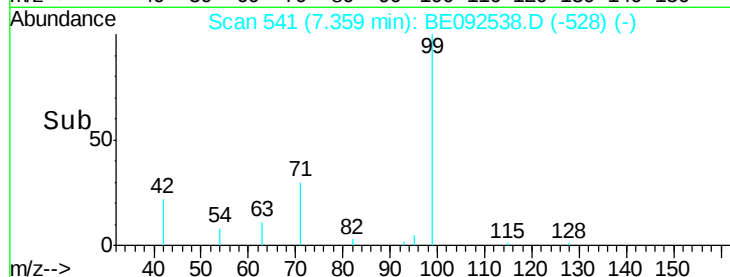
100

50

0

7.20 7.30 7.40 7.50 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

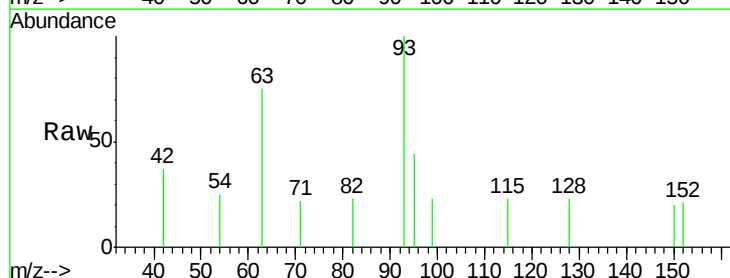
Tgt Ion: 93 Resp: 666

Ion Ratio Lower Upper

93 100

63 71.0 71.6 107.4#

95 30.0 24.0 36.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.59

300

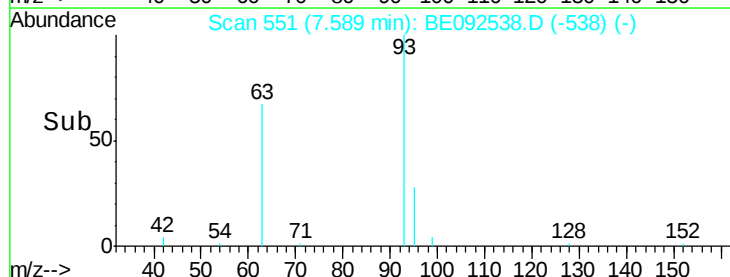
200

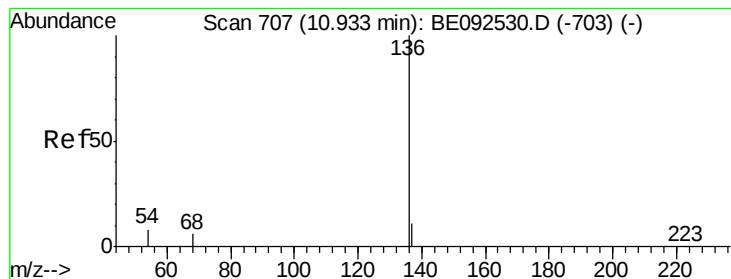
100

0

7.50 7.60 7.70 7.80

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 35245

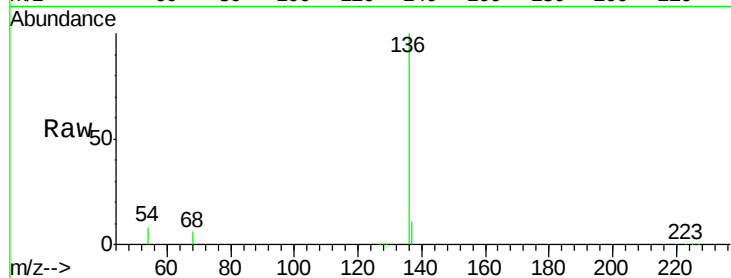
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.2 9.6 14.4#

68 5.9 6.7 10.1#

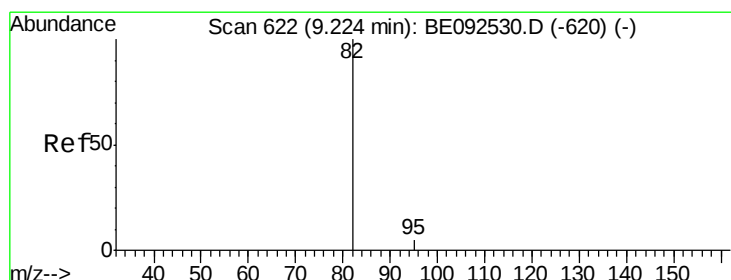
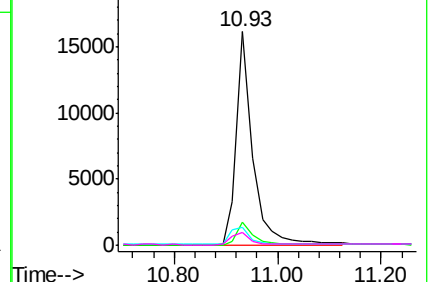
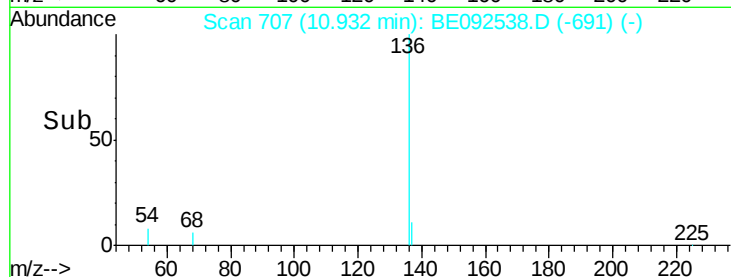


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

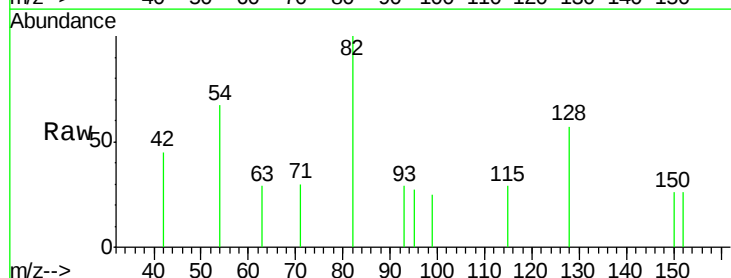
Tgt Ion: 82 Resp: 741

Ion Ratio Lower Upper

82 100

128 56.9 39.0 58.4

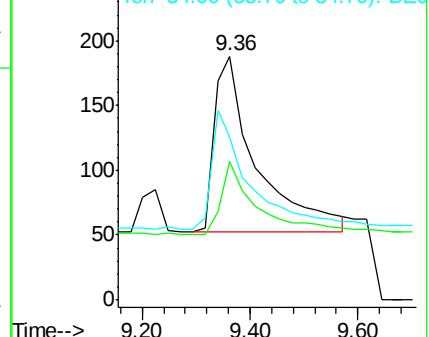
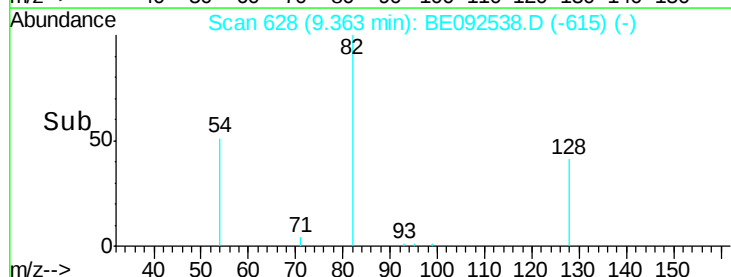
54 67.0 44.8 67.2

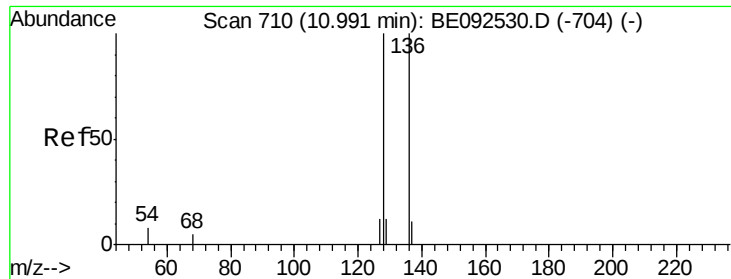


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

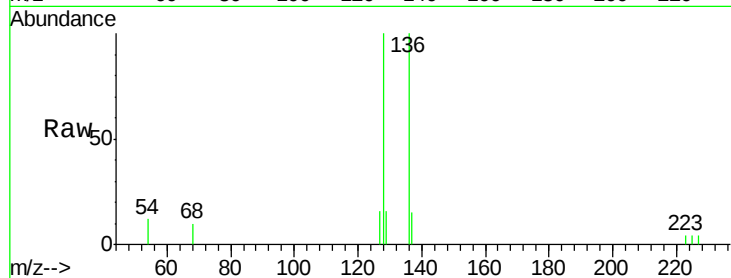
Tot Ion:128 Resp: 2941

Ion Ratio Lower Upper

128 100

129 15.7 11.2 16.8

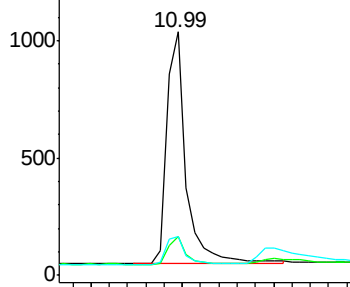
127 15.7 11.6 17.4



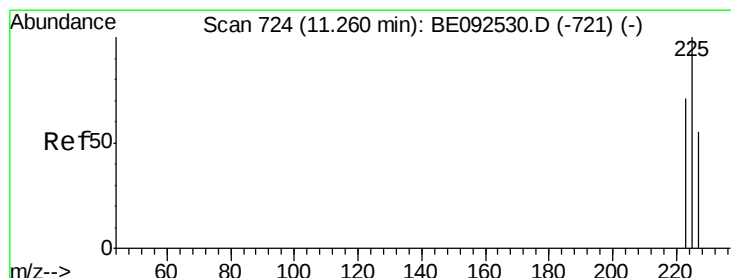
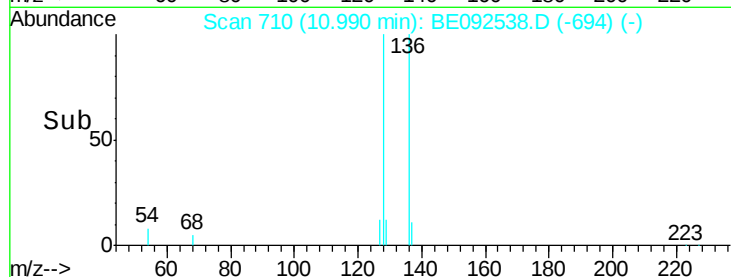
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.42 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

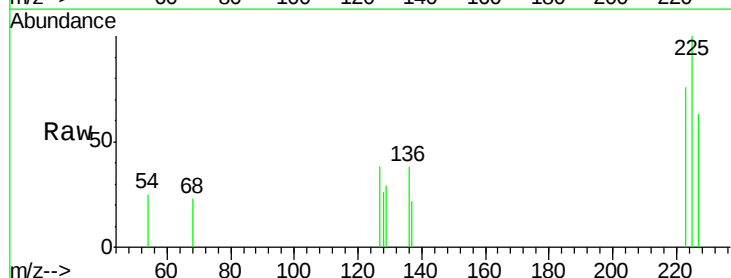
Tgt Ion:225 Resp: 461

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

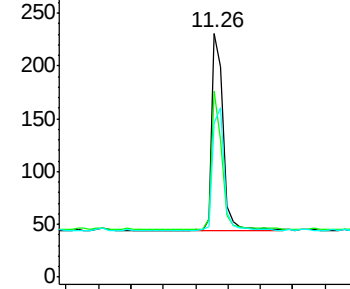
227 63.6 51.4 77.0



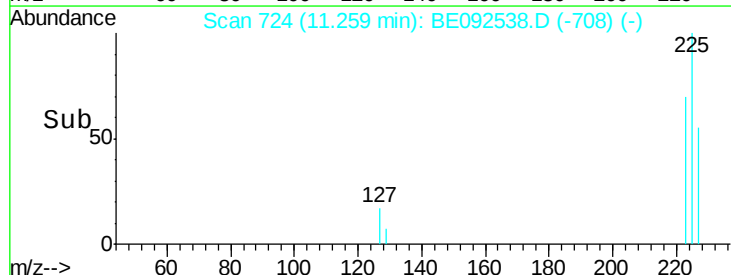
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

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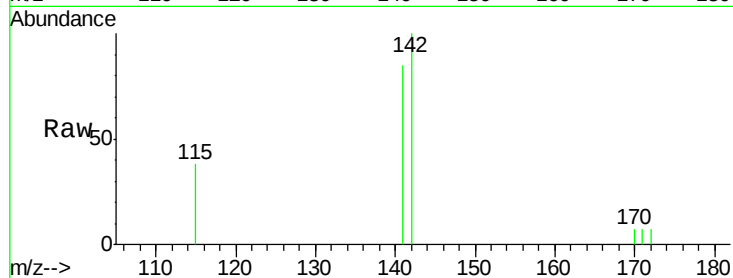
Tot Ion:142 Resp: 1809

Ion Ratio Lower Upper

142 100

141 85.3 73.7 110.5

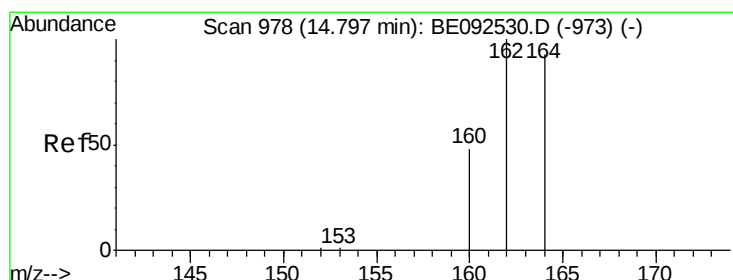
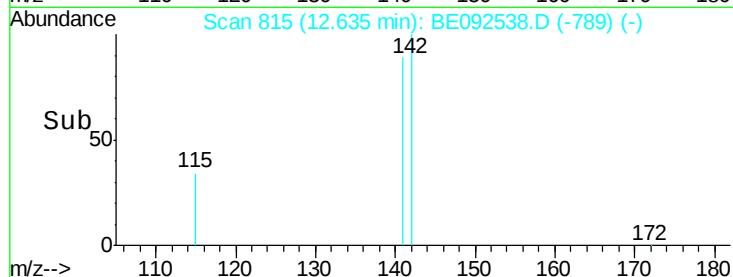
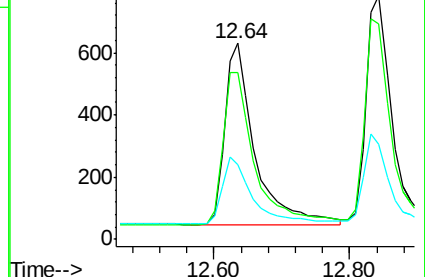
115 38.2 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

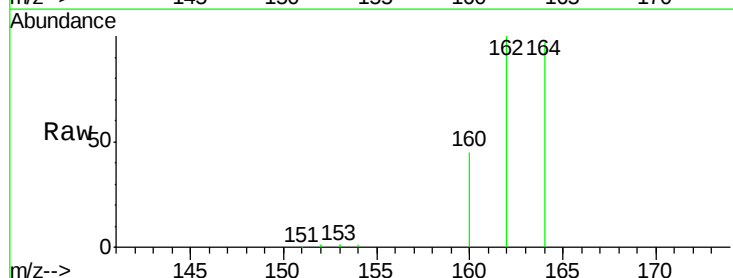
Tgt Ion:164 Resp: 24867

Ion Ratio Lower Upper

164 100

162 103.2 71.4 107.0

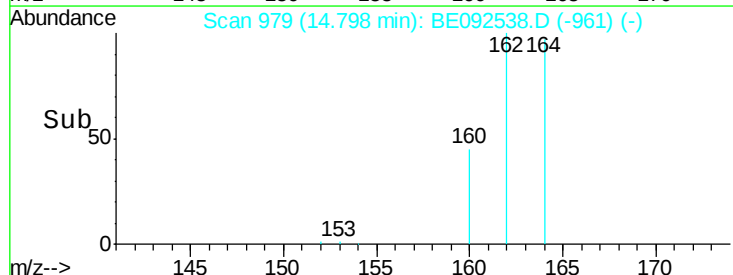
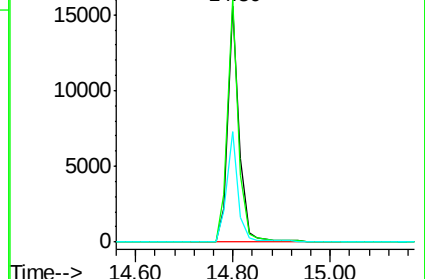
160 46.9 27.4 41.2#

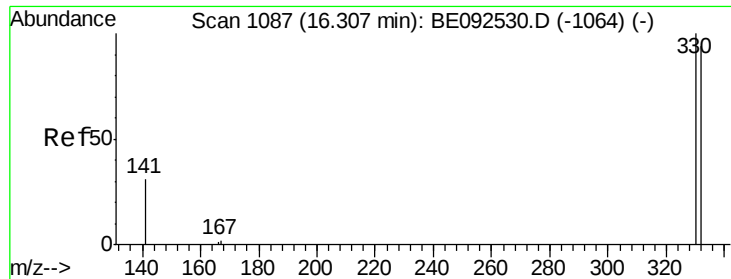


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

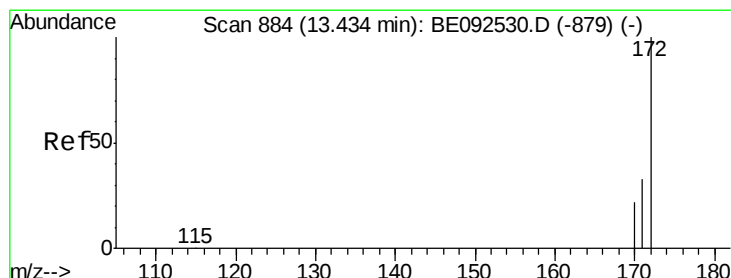
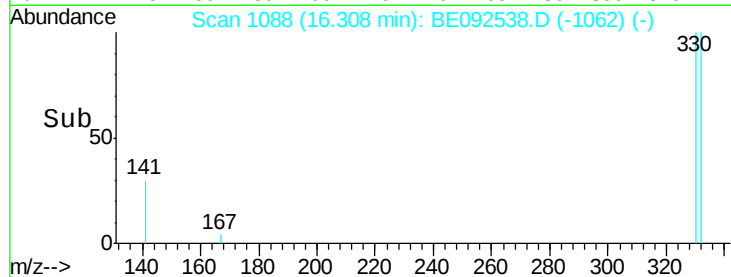
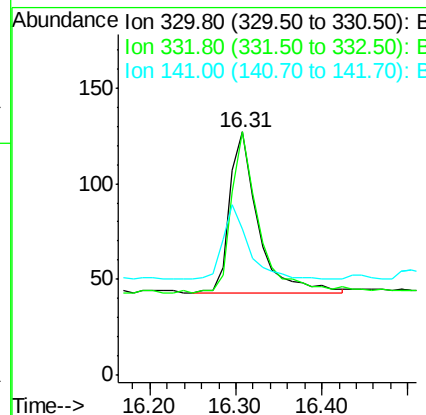
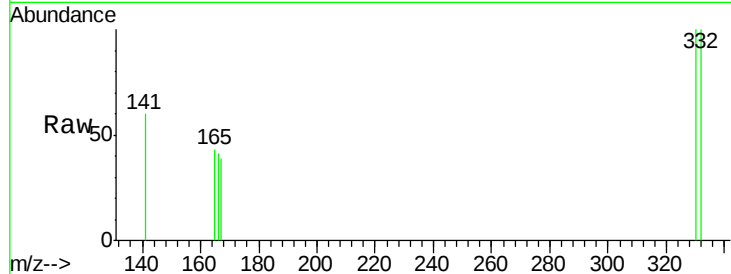




#13
 2,4,6-Tribromophenol
 Concen: 0.35 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

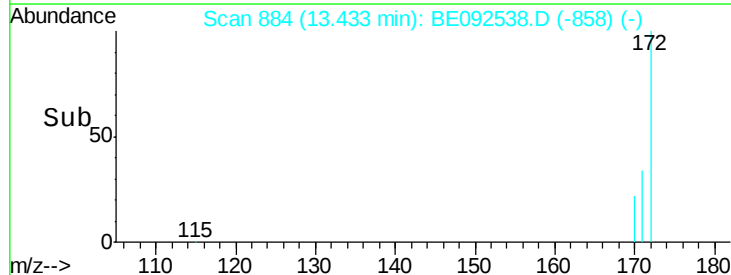
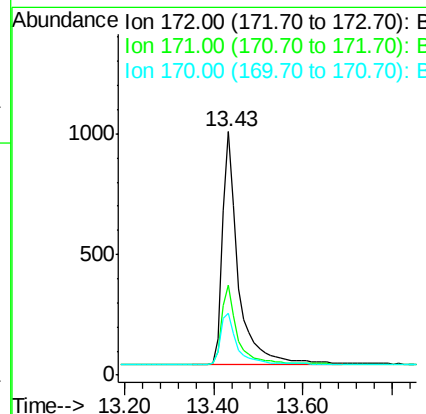
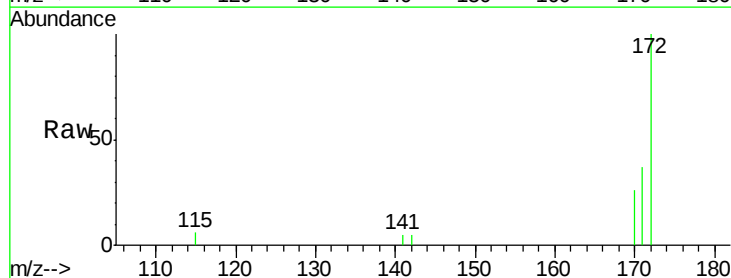
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

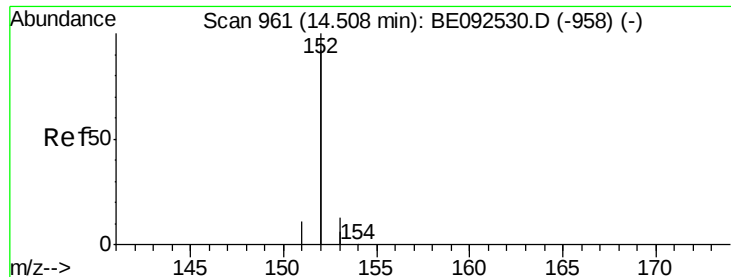
Tot Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 100.0 75.4 113.0
 141 41.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

Tgt Ion:172 Resp: 2406
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.1 45.1
 170 25.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

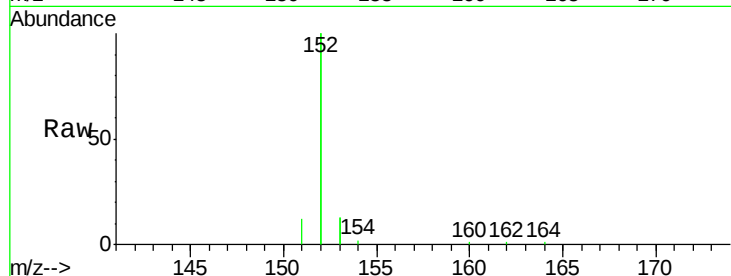
Tot Ion:152 Resp: 13176

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

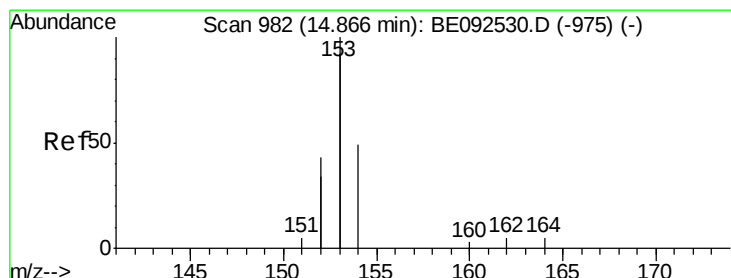
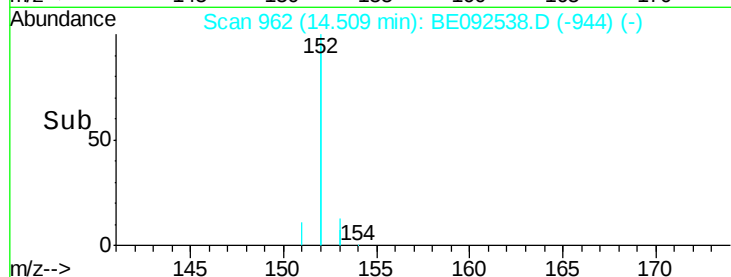
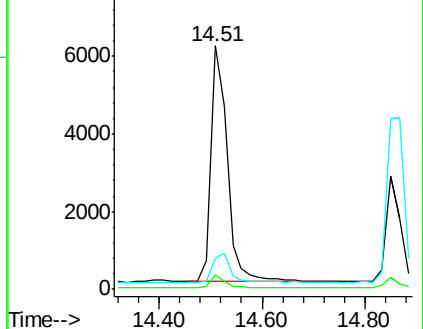
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.39 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

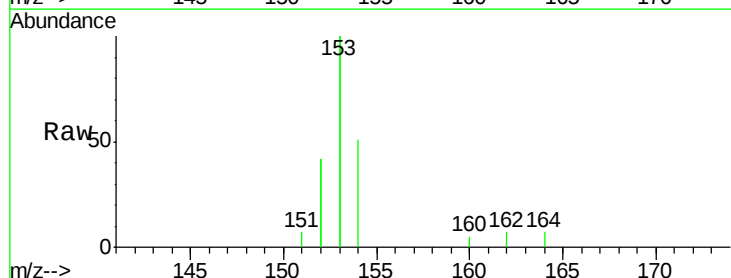
Tgt Ion:154 Resp: 2218

Ion Ratio Lower Upper

154 100

153 445.3 350.8 526.2

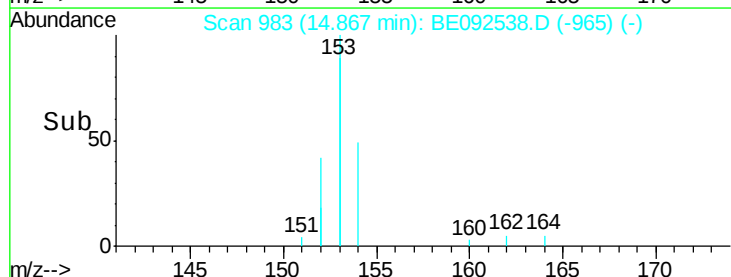
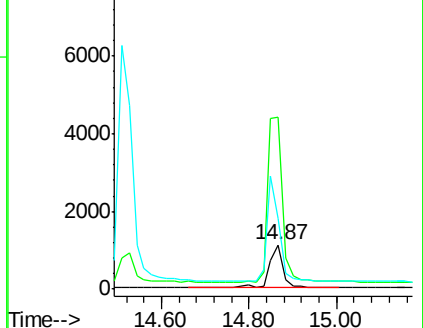
152 235.0 171.1 256.7

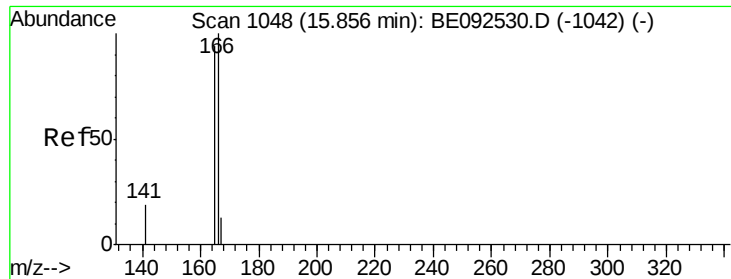


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

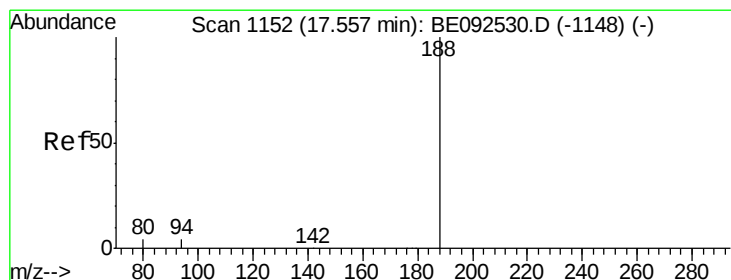
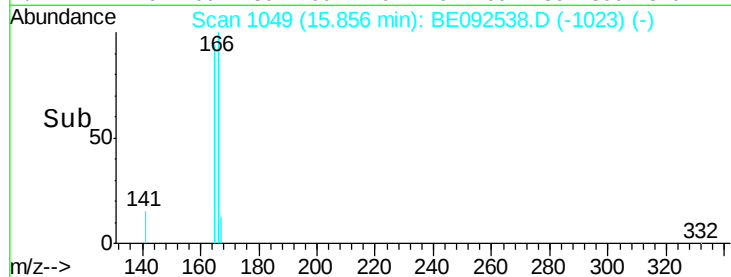
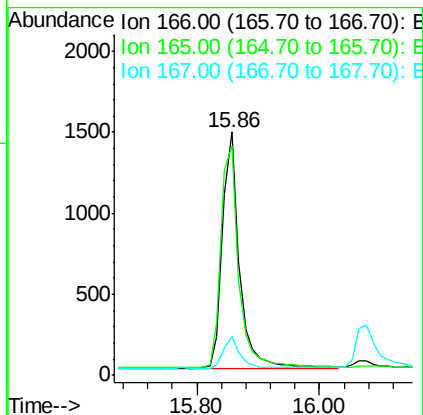
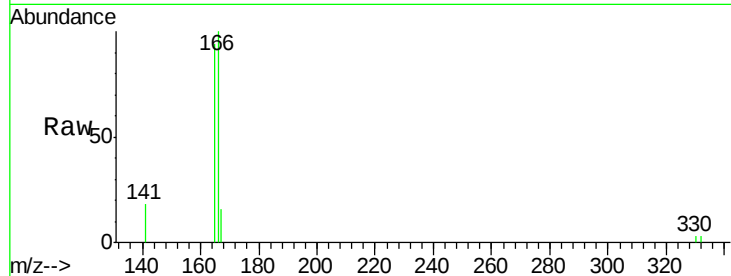




#17
Fluorene
 Concen: 0.39 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

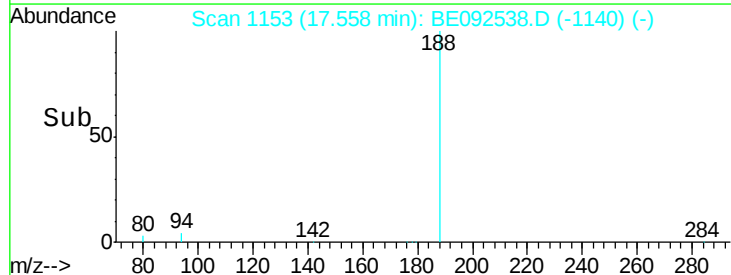
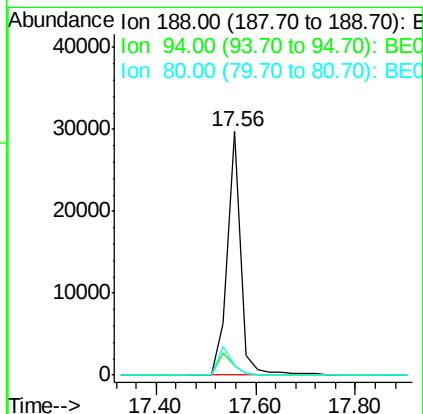
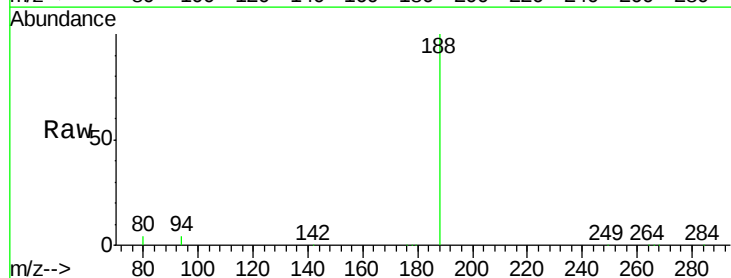
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:166 Resp: 2761
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.4
 167 13.0 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092538.D
 Acq: 16 Nov 2016 17:51

Tgt Ion:188 Resp: 55313
 Ion Ratio Lower Upper
 188 100
 94 4.1 3.2 4.8
 80 3.6 2.6 3.8

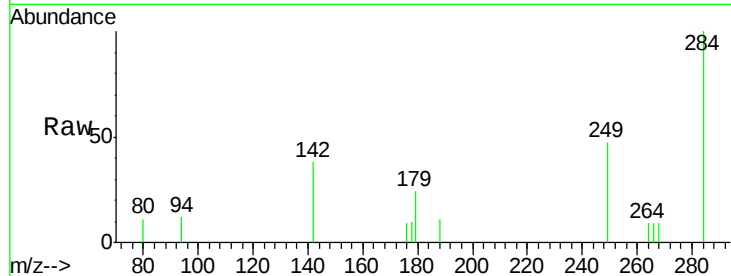




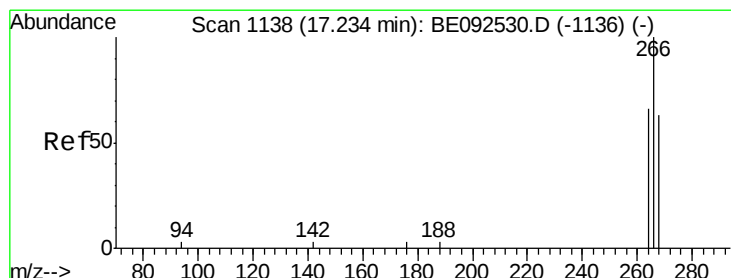
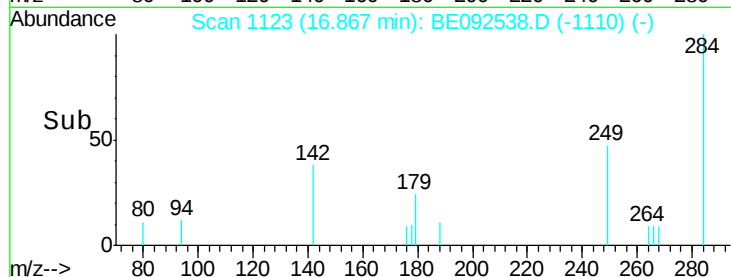
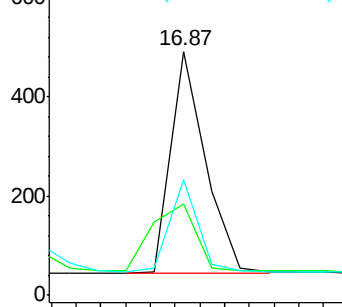
#19
Hexachlorobenzene
Concen: 0.40 ng m
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 874
Ion Ratio Lower Upper
284 100
142 53.3 29.1 43.7#
249 55.4 27.9 41.9#

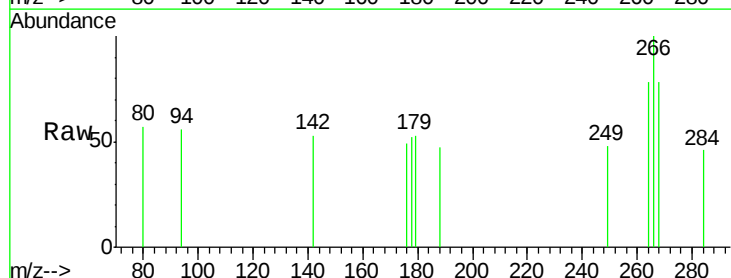


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

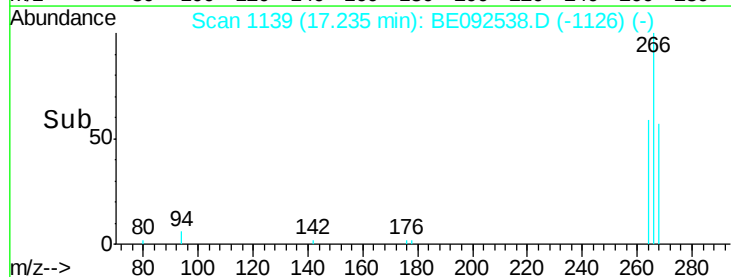
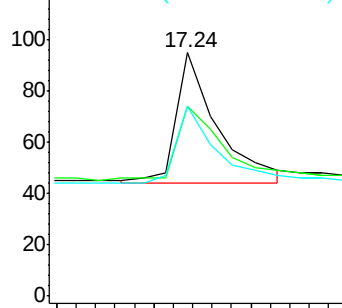


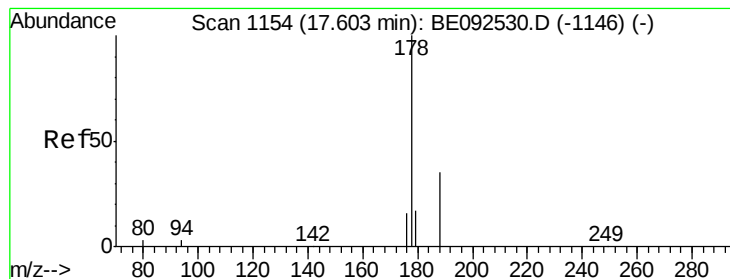
#20
Pentachlorophenol
Concen: 0.45 ng m
RT: 17.24 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:266 Resp: 151
Ion Ratio Lower Upper
266 100
268 77.9 62.5 93.7
264 77.9 57.2 85.8



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





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

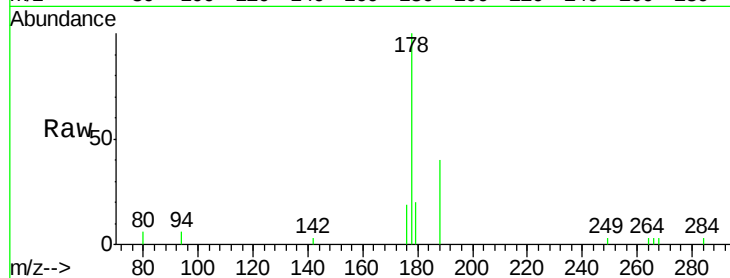
Tot Ion:178 Resp: 5045

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

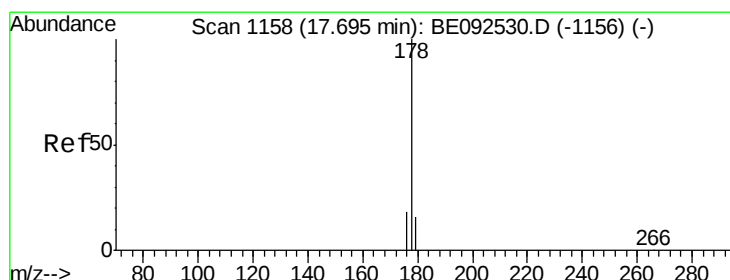
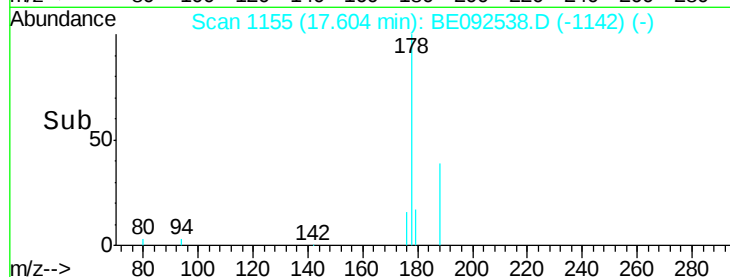
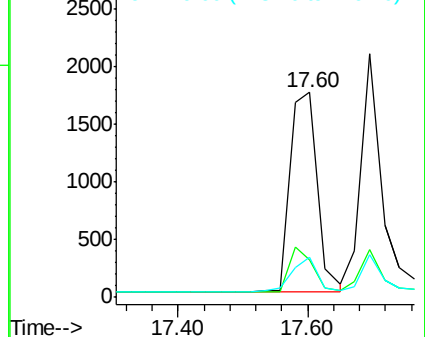
179 16.0 16.0 24.0#



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



#22

Anthracene

Concen: 0.40 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

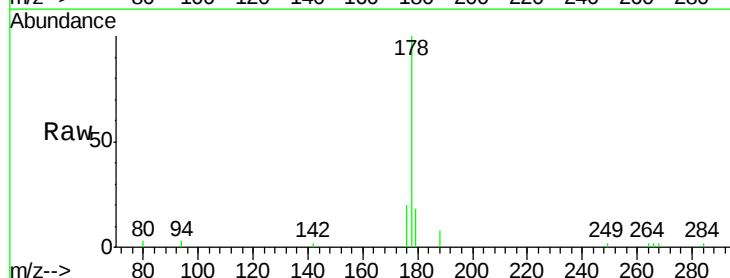
Tgt Ion:178 Resp: 4655

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

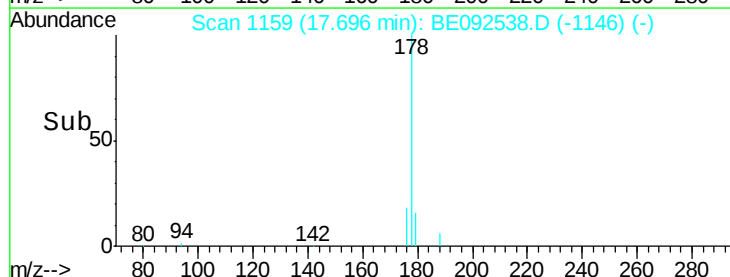
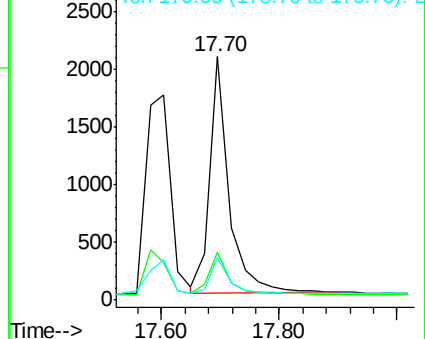
179 16.1 12.2 18.2

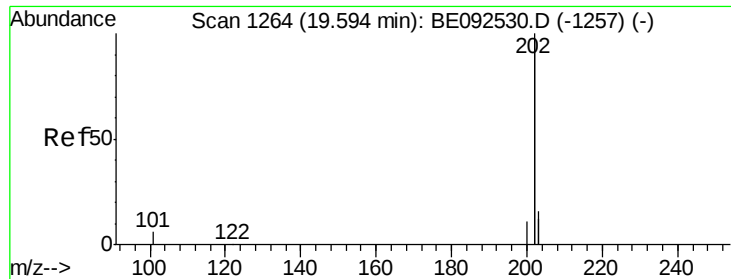


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.40 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

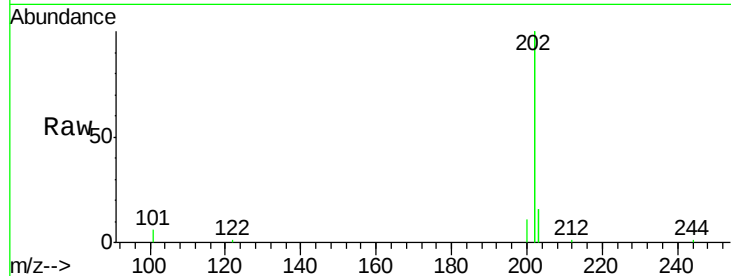
Tot Ion:202 Resp: 23213

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

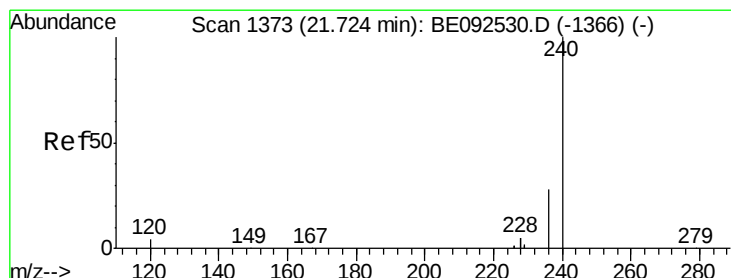
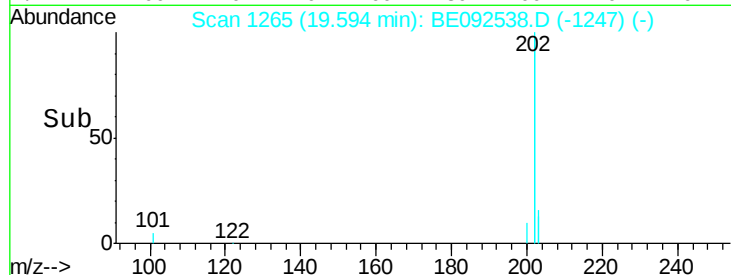
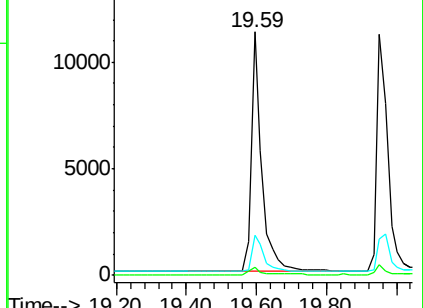
203 17.5 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

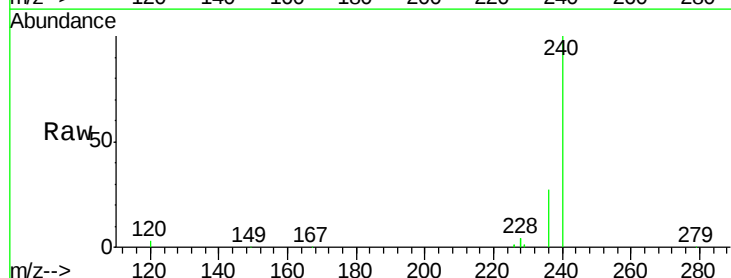
Tgt Ion:240 Resp: 81948

Ion Ratio Lower Upper

240 100

120 2.7 2.6 4.0

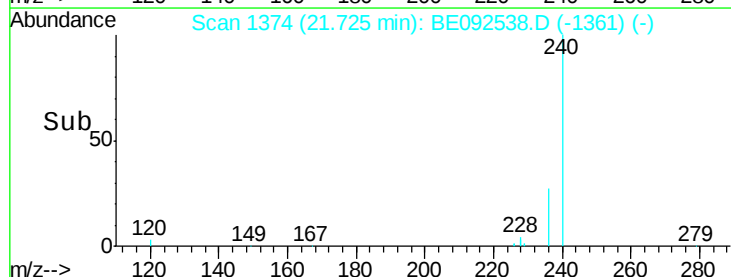
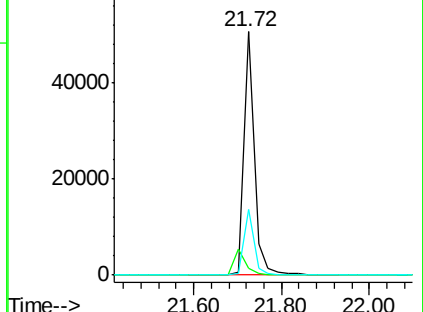
236 27.2 24.6 37.0



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

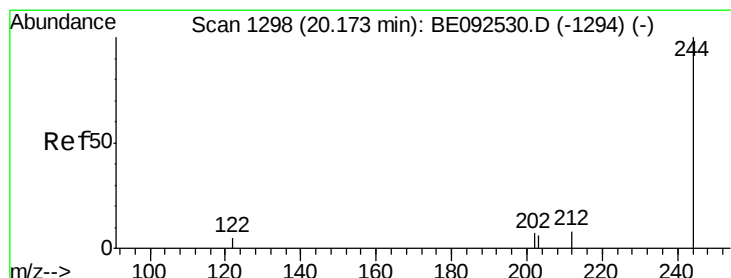
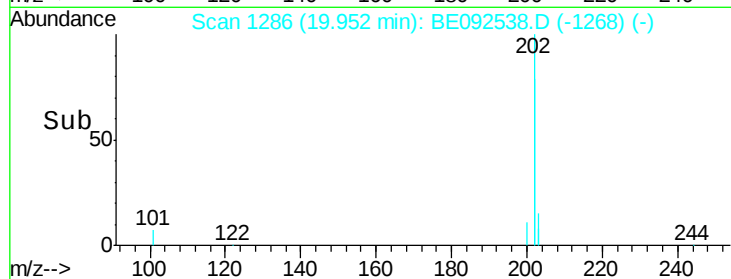
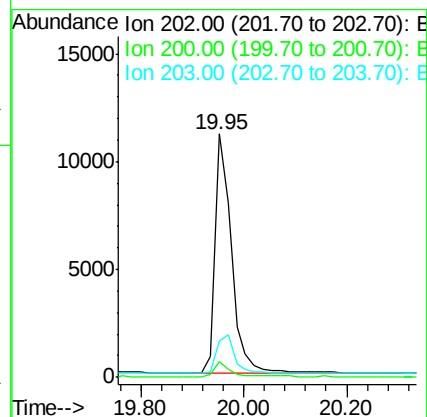
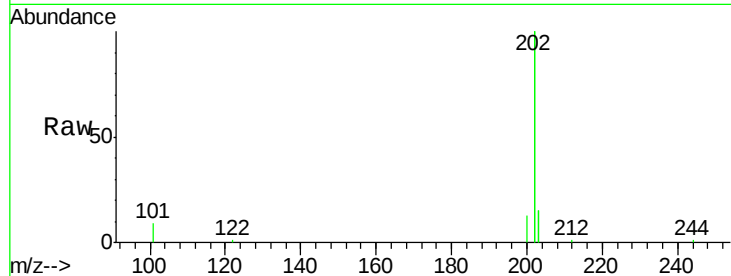




#25
Pvrene
Concen: 0.37 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

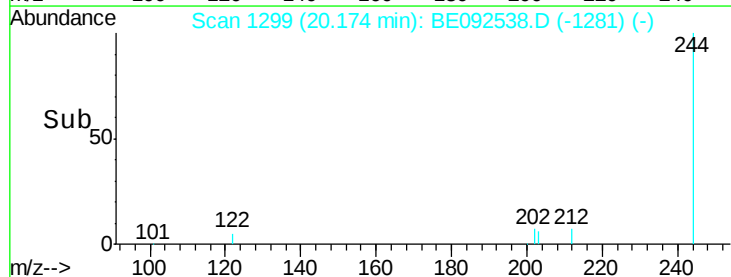
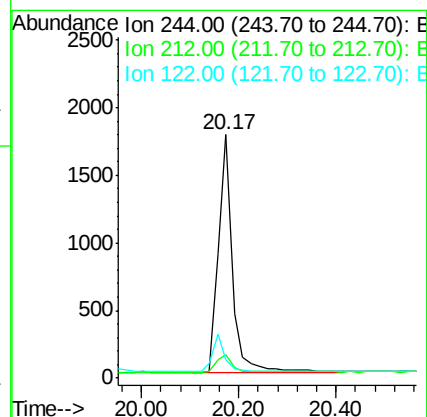
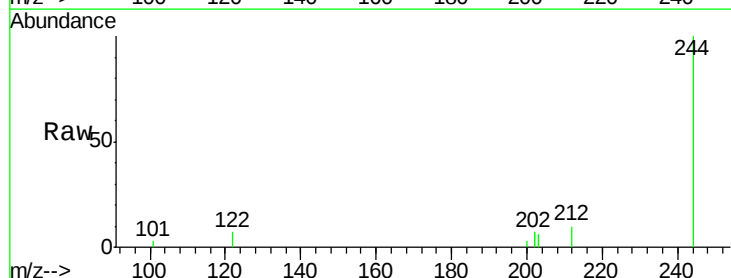
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

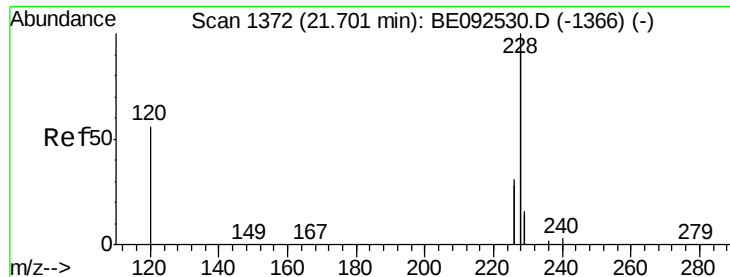
Tot Ion:202 Resp: 24256
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.6 13.9 20.9



#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:244 Resp: 3496
Ion Ratio Lower Upper
244 100
212 9.7 6.7 10.1
122 7.3 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.45 ng m

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

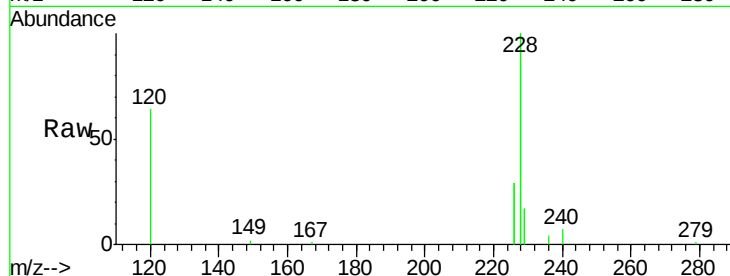
Tot Ion:228 Resp: 27498

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

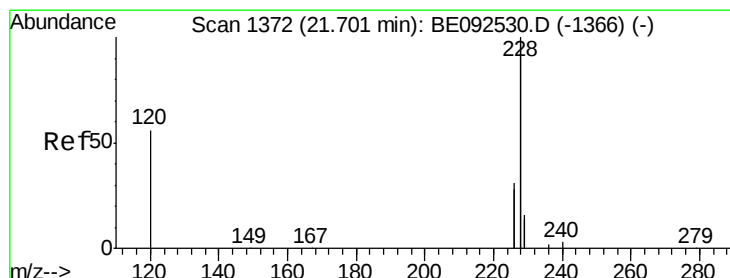
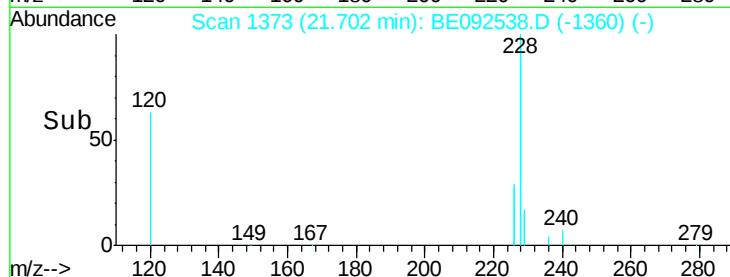
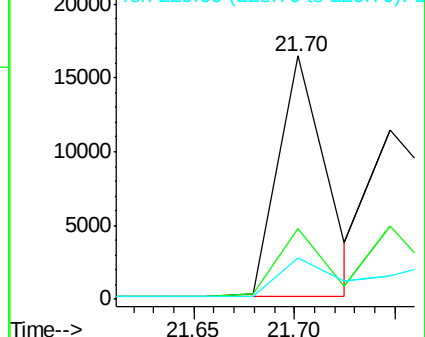
229 16.9 13.3 19.9



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



#28

Chrysene

Concen: 0.41 ng m

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

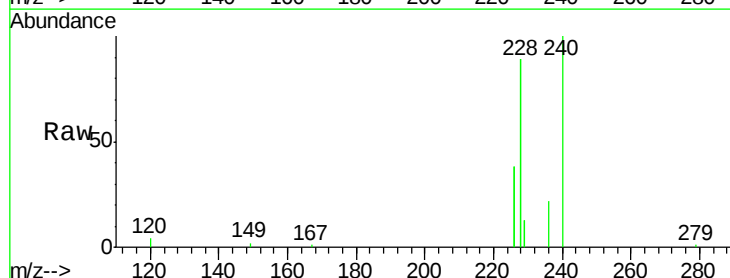
Tgt Ion:228 Resp: 28278

Ion Ratio Lower Upper

228 100

226 43.2 36.3 54.5

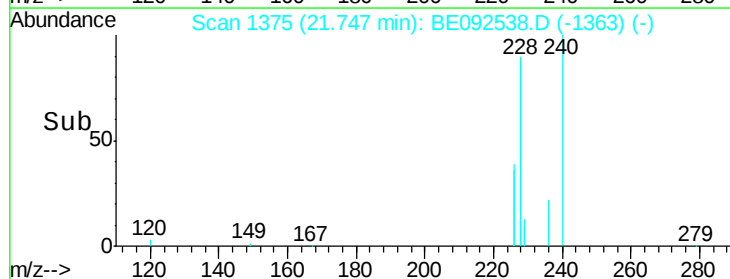
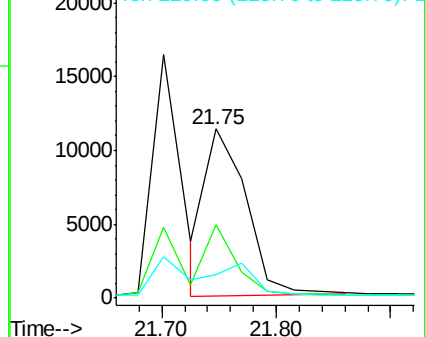
229 14.2 10.6 16.0



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

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

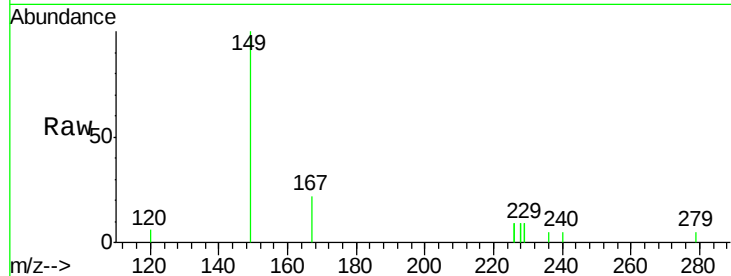
Tot Ion:149 Resp: 1765

Ion Ratio Lower Upper

149 100

167 25.0 16.0 24.0#

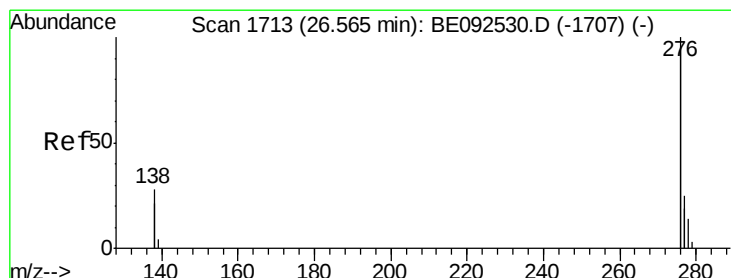
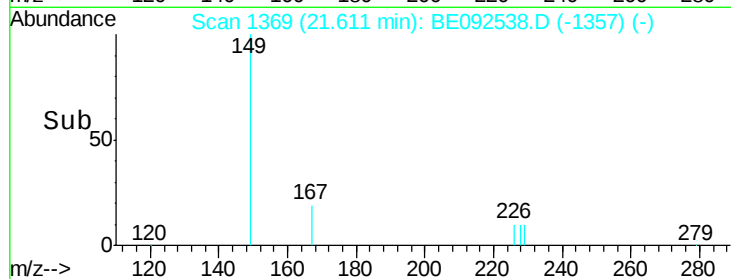
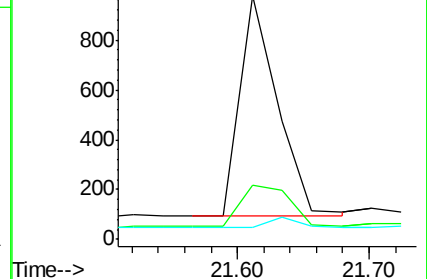
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng

RT: 26.56 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

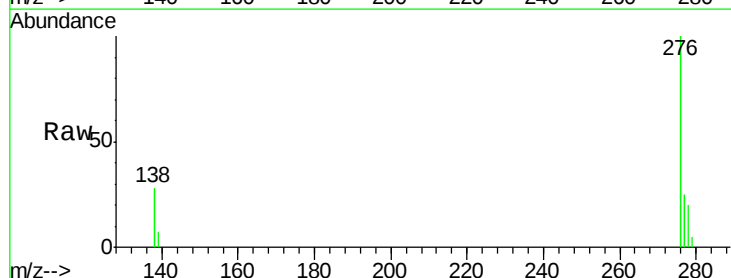
Tgt Ion:276 Resp: 28801

Ion Ratio Lower Upper

276 100

138 27.3 20.3 30.5

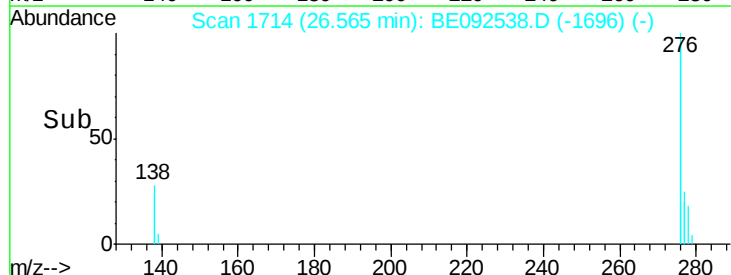
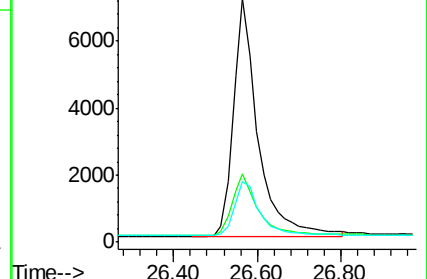
277 24.8 19.7 29.5

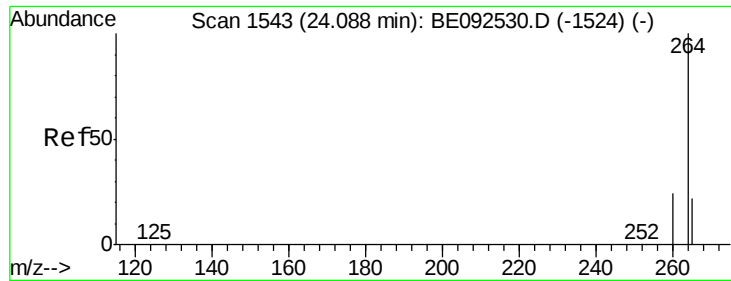


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



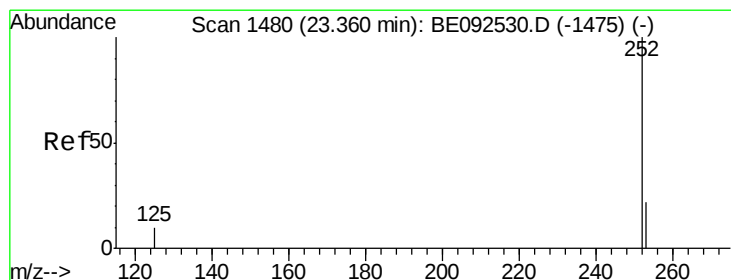
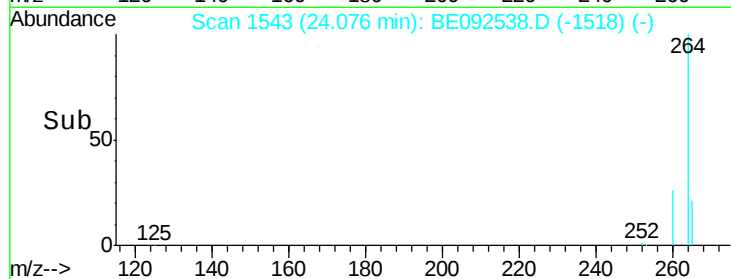
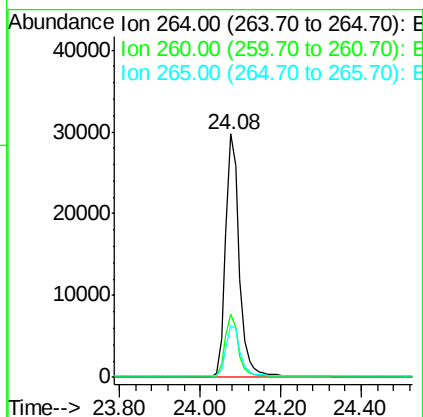
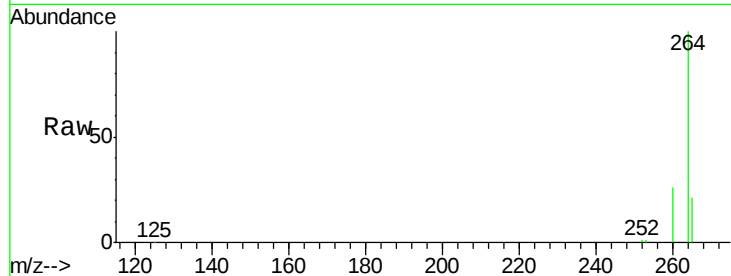


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:264 Resp: 70413

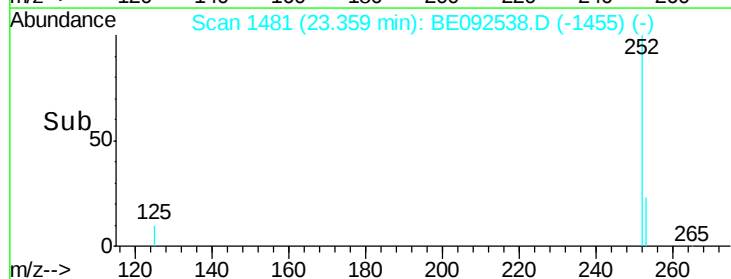
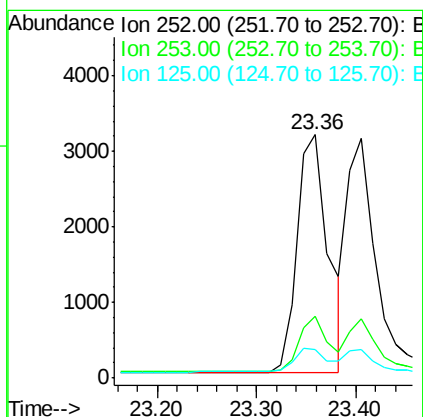
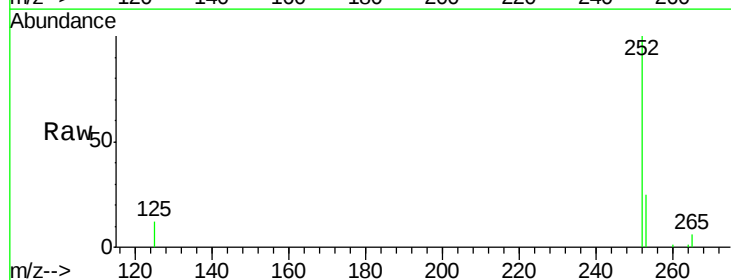
Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	21.1	17.9	26.9



#32
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:252 Resp: 6895

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	12.0	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.41 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

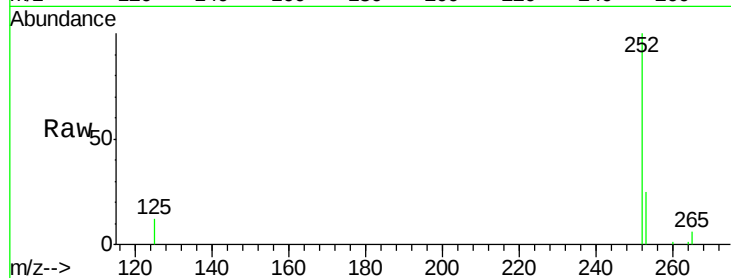
Tot Ion:252 Resp: 6582

Ion Ratio Lower Upper

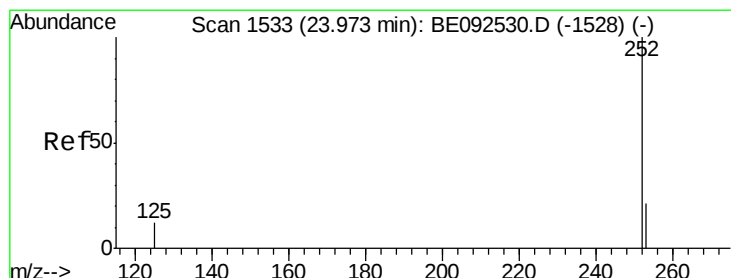
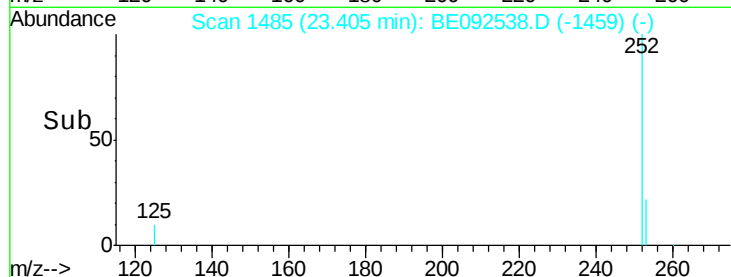
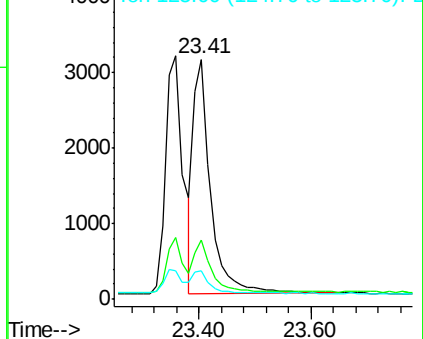
252 100

253 24.9 20.3 30.5

125 12.0 9.6 14.4



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(a)pyrene

Concen: 0.37 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

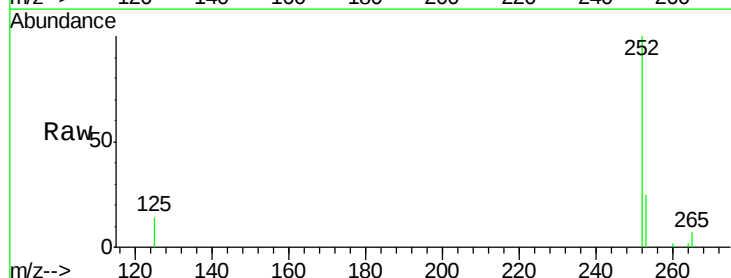
Tgt Ion:252 Resp: 5858

Ion Ratio Lower Upper

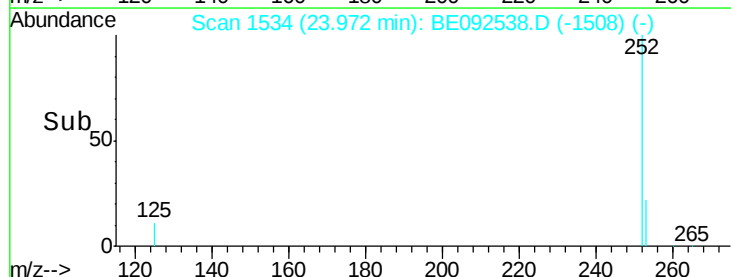
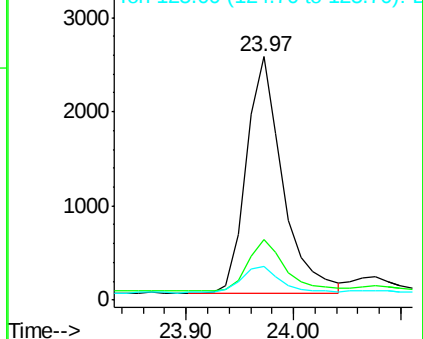
252 100

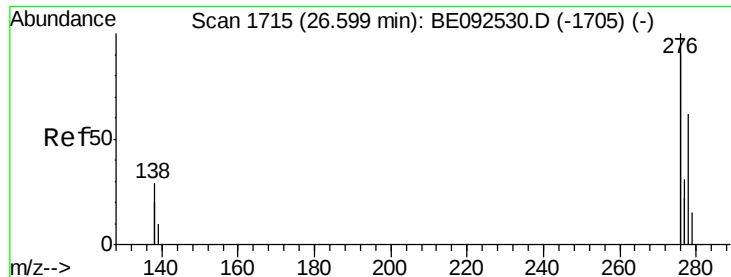
253 25.0 19.0 28.6

125 13.9 11.8 17.8



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

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

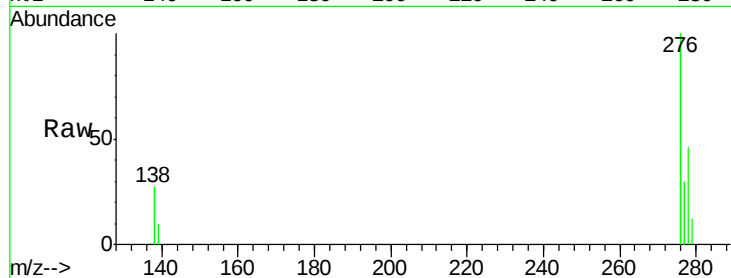
Tot Ion:278 Resp: 5770

Ion Ratio Lower Upper

278 100

139 21.0 13.8 20.8#

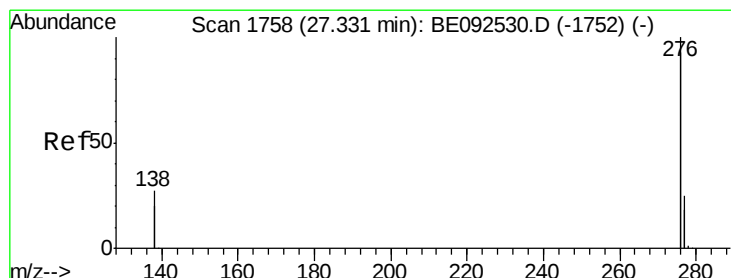
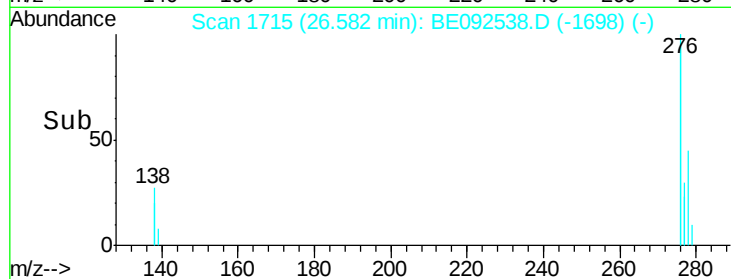
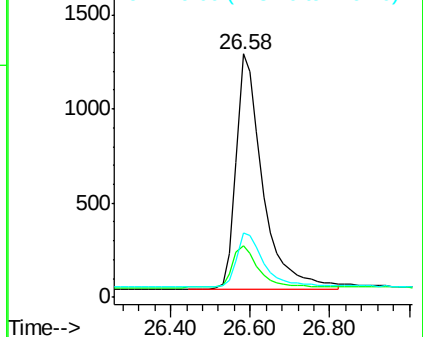
279 26.6 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

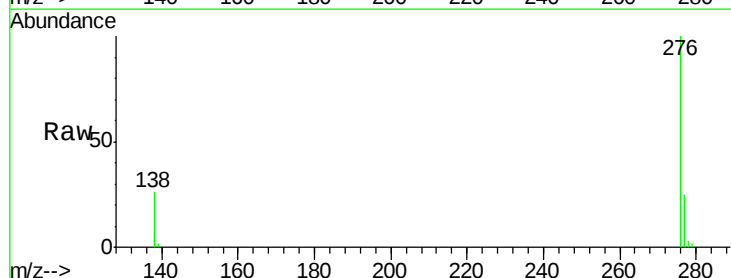
Tgt Ion:276 Resp: 25171

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 26.0 19.8 29.6



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

