

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091316\
 Data File : BE092380.D
 Acq On : 13 Sep 2016 12:35
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 13 17:39:52 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8149	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	40476	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	26957	5.00	ng	0.02
18) Phenanthrene-d10	17.58	188	70218	5.00	ng	0.02
24) Chrysene-d12	21.75	240	83443	5.00	ng	0.00
31) Perylene-d12	24.12	264	77315	5.00	ng	0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	778	0.40	ng	0.00
5) Phenol-d6	7.36	99	1056	0.41	ng	0.00
8) Nitrobenzene-d5	9.36	82	1179	0.41	ng	0.00
13) 2,4,6-Tribromophenol	16.33	330	398	0.48	ng	0.01
14) 2-Fluorobiphenyl	13.44	172	3186	0.39	ng	0.00
26) Terphenyl-d14	20.19	244	4734	0.38	ng	0.02

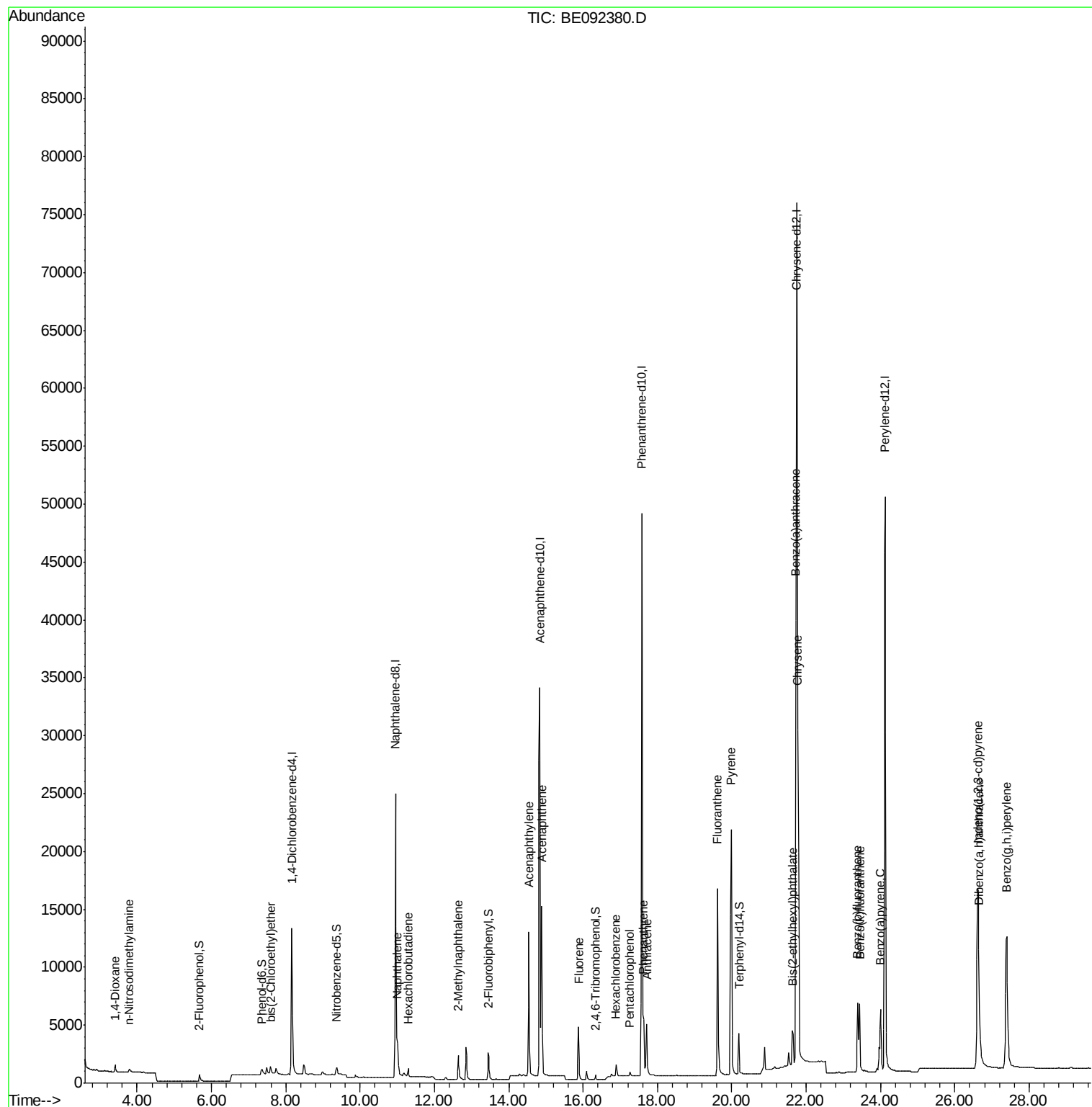
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	476	0.39	ng	97
3) n-Nitrosodimethylamine	3.78	42	420	0.40	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	789	0.39	ng	97
9) Naphthalene	11.01	128	3658	0.40	ng	100
10) Hexachlorobutadiene	11.30	225	571	0.40	ng	98
11) 2-Methylnaphthalene	12.65	142	2467	0.42	ng	93
15) Acenaphthylene	14.54	152	18932	0.41	ng	100
16) Acenaphthene	14.88	154	3041	0.40	ng	99
17) Fluorene	15.88	166	3852	0.41	ng	100
19) Hexachlorobenzene	16.89	284	1048	0.31	ng	92
20) Pentachlorophenol	17.26	266	377	0.56	ng	98
21) Phenanthrene	17.63	178	6412	0.32	ng	95
22) Anthracene	17.72	178	6282	0.36	ng	99
23) Fluoranthene	19.61	202	30796	0.36	ng	100
25) Pyrene	19.99	202	32517	0.40	ng	99
27) Benzo(a)anthracene	21.72	228	38870m	0.43	ng	
28) Chrysene	21.77	228	36359m	0.33	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	6140	0.46	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.62	276	36865	0.39	ng	99
32) Benzo(b)fluoranthene	23.38	252	9186m	0.46	ng	
33) Benzo(k)fluoranthene	23.44	252	9629m	0.46	ng	
34) Benzo(a)pyrene	24.01	252	8604	0.44	ng	97
35) Dibenzo(a,h)anthracene	26.65	278	7580	0.42	ng	97
36) Benzo(g,h,i)perylene	27.40	276	31988	0.42	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

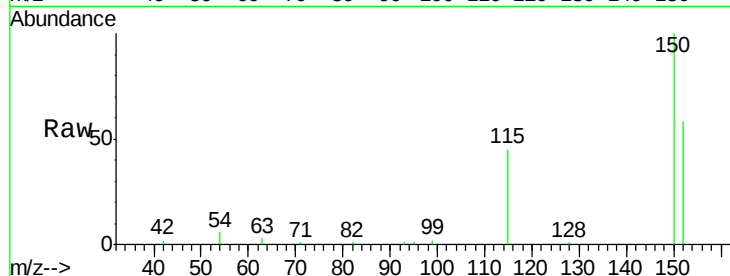
Tot Ion:152 Resp: 8149

Ion Ratio Lower Upper

152 100

150 173.6 106.0 159.0#

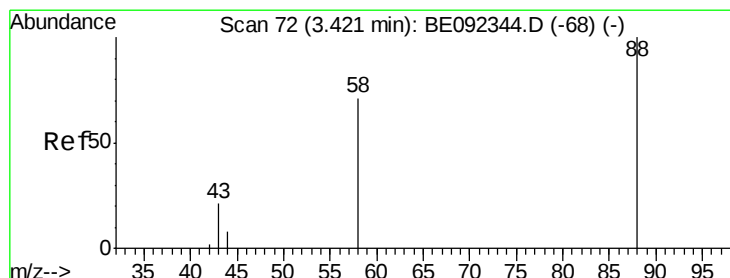
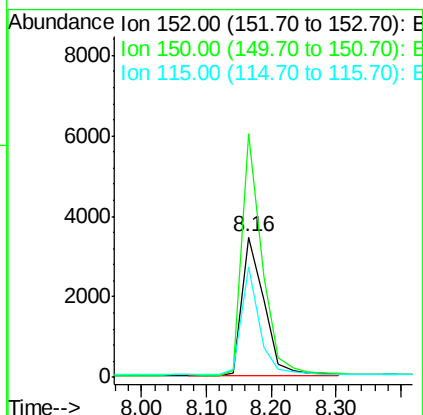
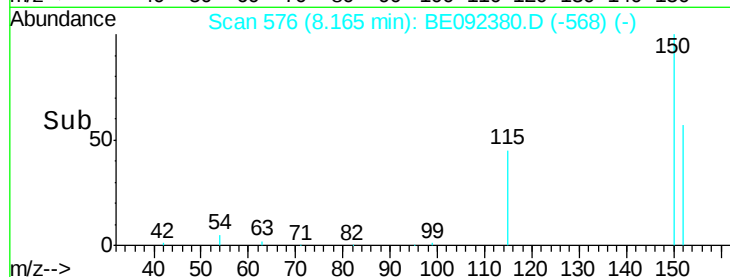
115 78.6 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.39 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

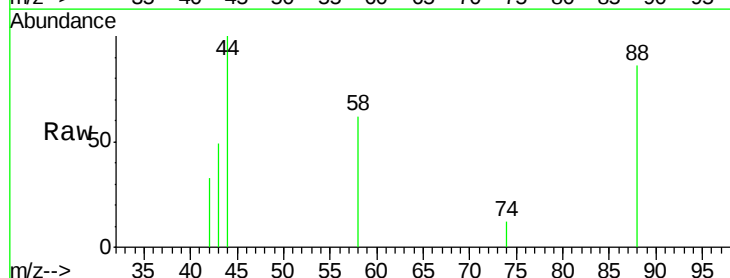
Tgt Ion: 88 Resp: 476

Ion Ratio Lower Upper

88 100

58 76.5 63.6 95.4

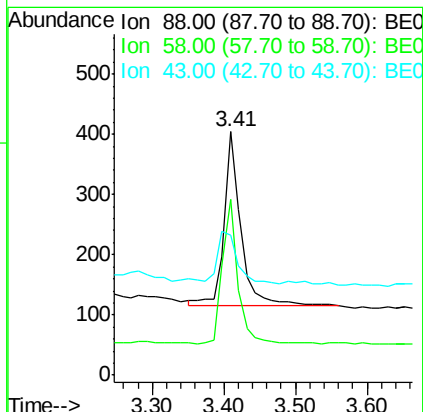
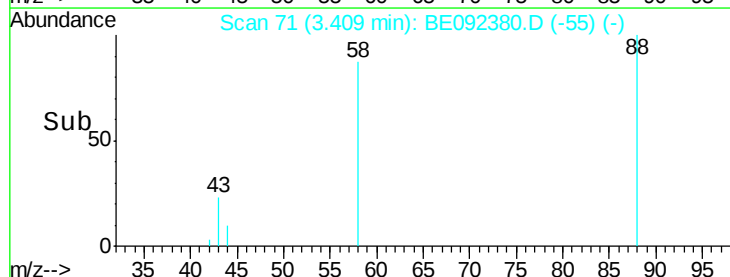
43 34.0 28.0 42.0

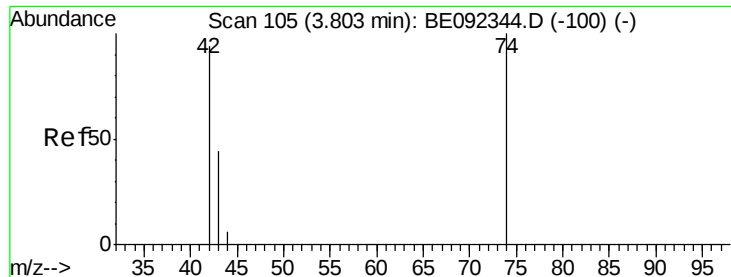


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



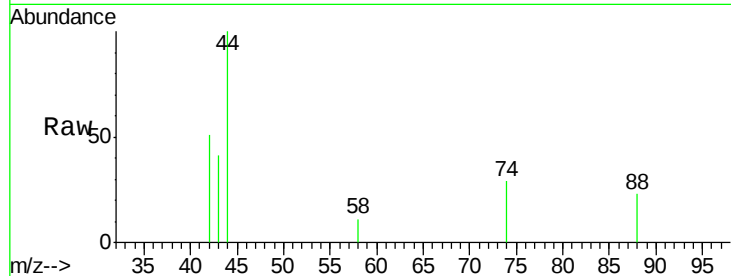


#3

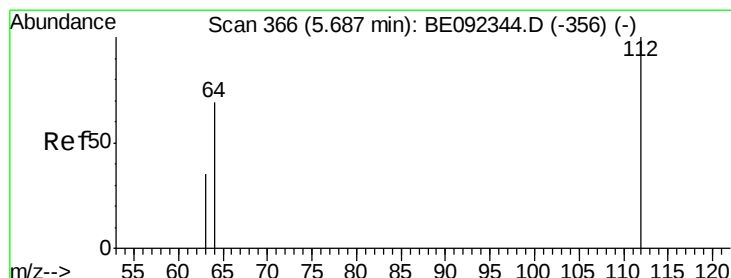
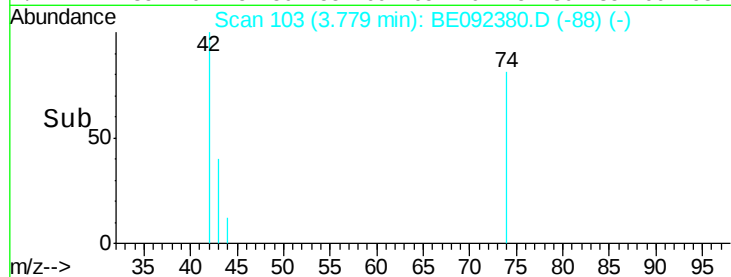
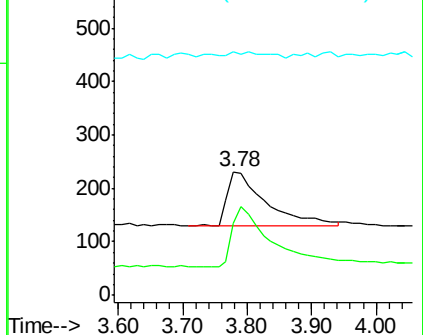
n-Nitrosodimethylamine
 Concen: 0.40 ng
 RT: 3.78 min Scan# 103
 Delta R.T. -0.02 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Tot Ion: 42 Resp: 420
 Ion Ratio Lower Upper
 42 100
 74 115.2 86.0 129.0
 44 0.0 5.1 7.7#



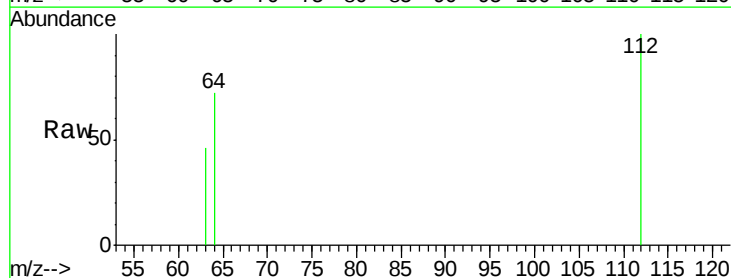
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



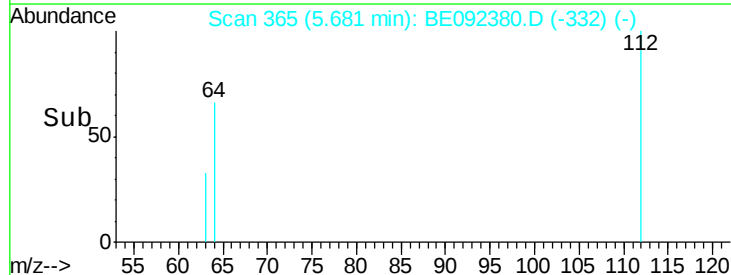
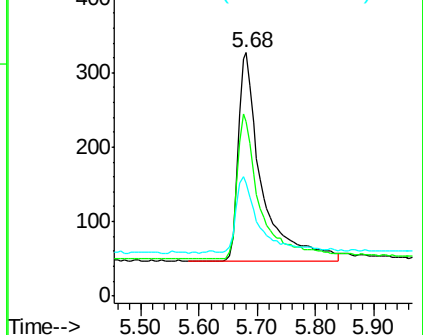
#4

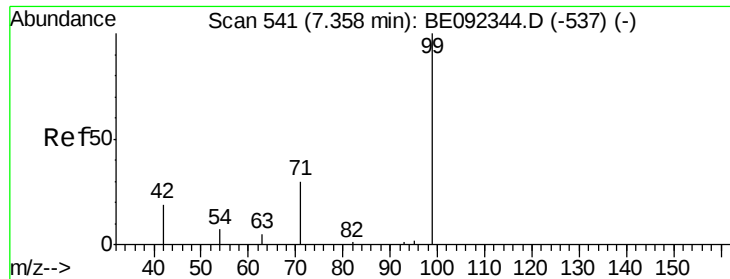
2-Fluorophenol
 Concen: 0.40 ng
 RT: 5.68 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

Tgt Ion: 112 Resp: 778
 Ion Ratio Lower Upper
 112 100
 64 69.0 53.5 80.3
 63 33.7 27.9 41.9



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: 0.41 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

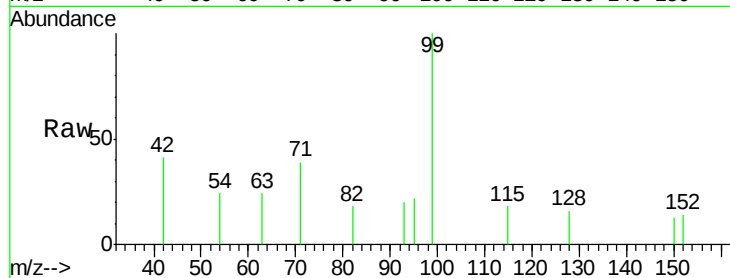
Tot Ion: 99 Resp: 1056

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

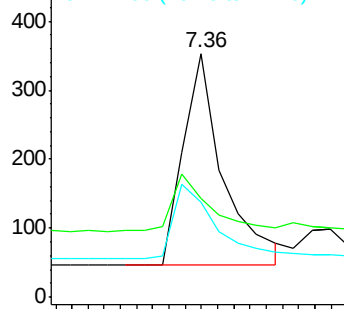
71 0.0 30.6 45.8#



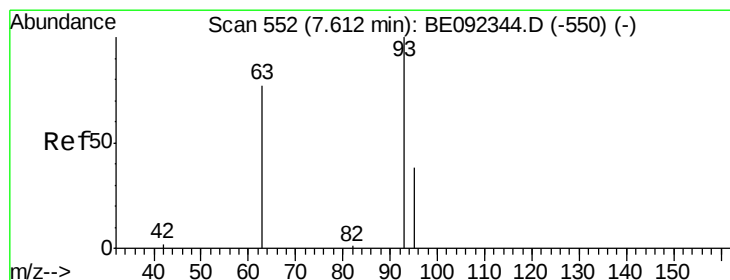
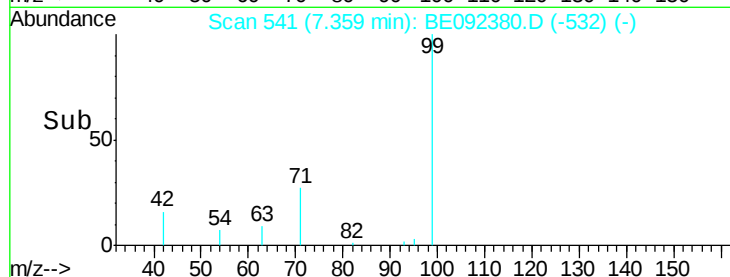
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

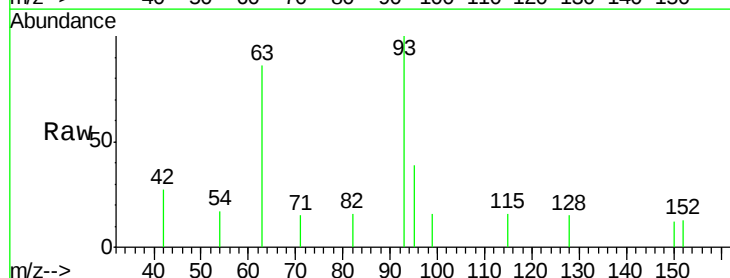
Tgt Ion: 93 Resp: 789

Ion Ratio Lower Upper

93 100

63 86.9 71.6 107.4

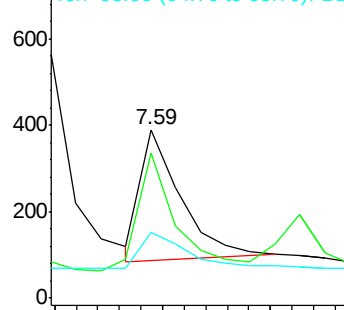
95 32.4 24.0 36.0



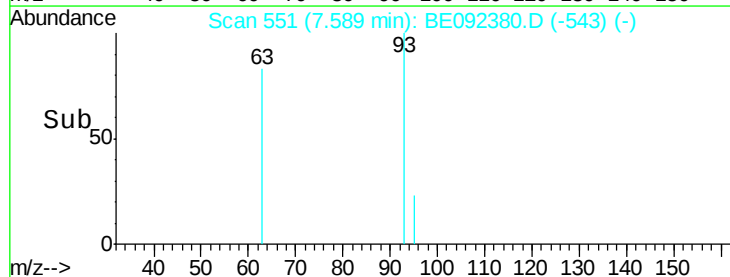
Abundance Ion 93.00 (92.70 to 93.70): BE0

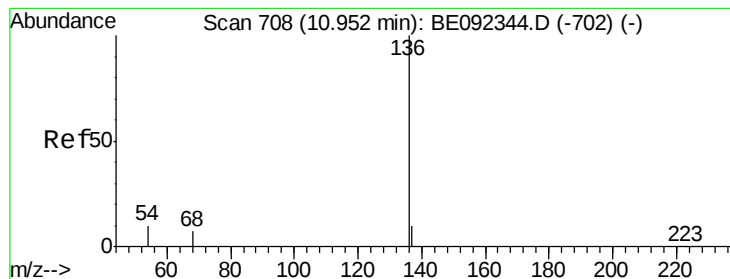
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 40476

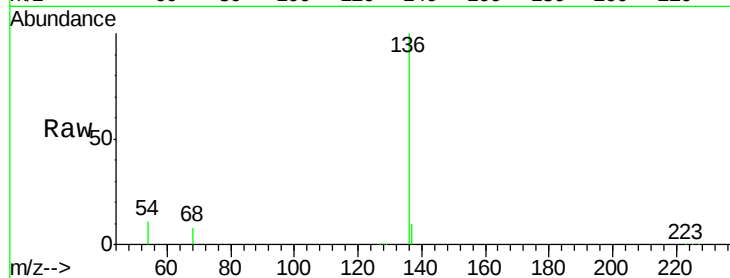
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 11.0 9.6 14.4

68 7.7 6.7 10.1

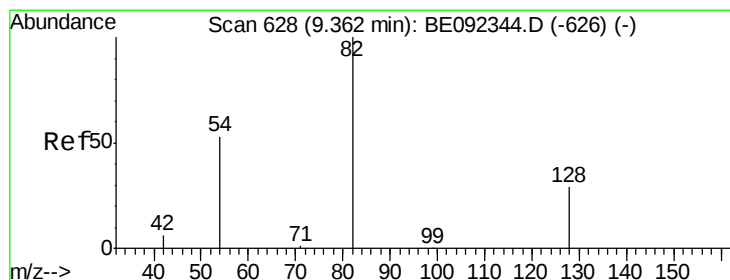
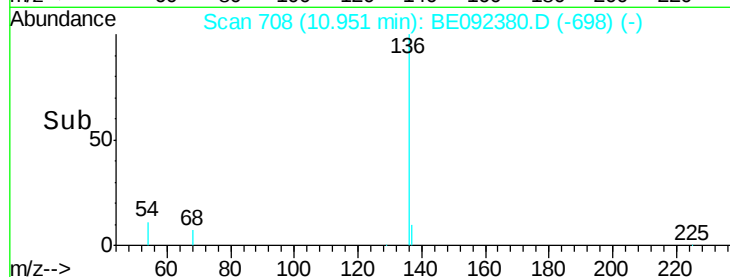
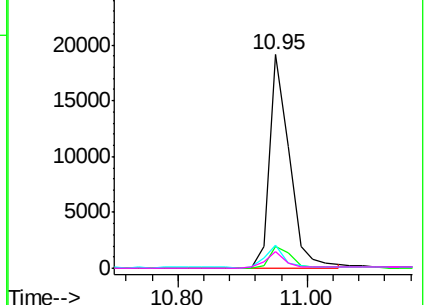


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

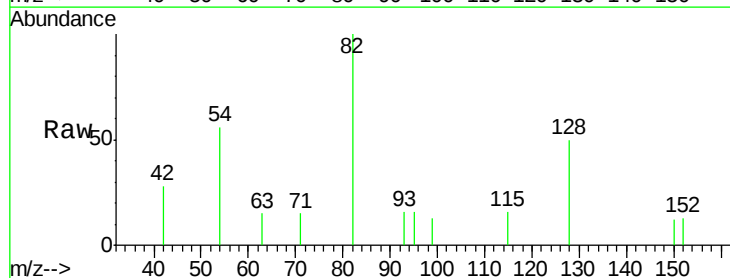
Tgt Ion: 82 Resp: 1179

Ion Ratio Lower Upper

82 100

128 50.4 39.0 58.4

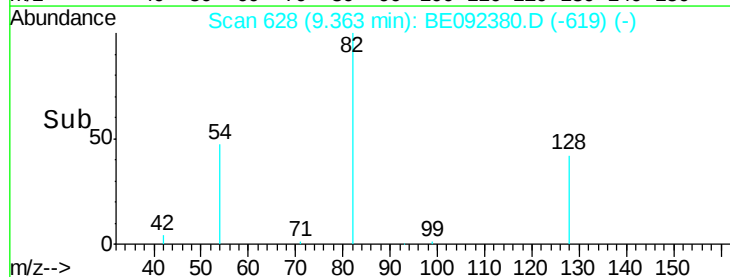
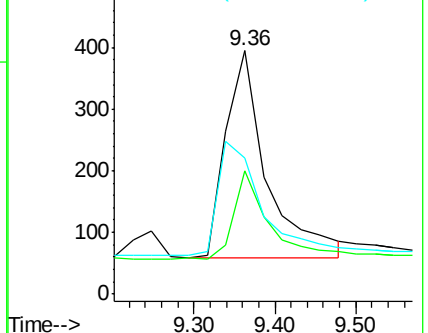
54 55.9 44.8 67.2



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: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

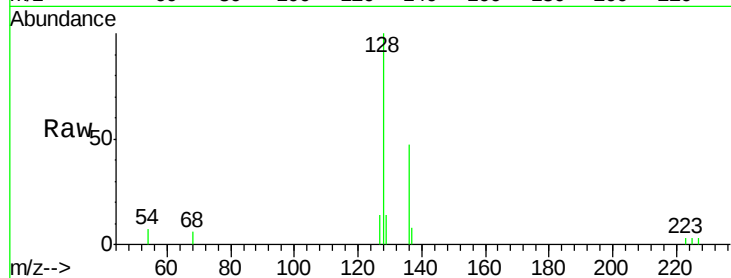
Tot Ion:128 Resp: 3658

Ion Ratio Lower Upper

128 100

129 14.1 11.2 16.8

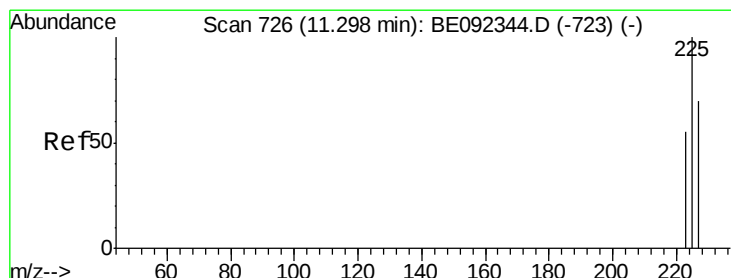
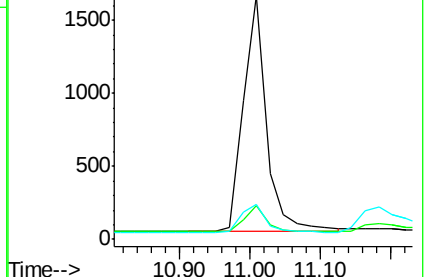
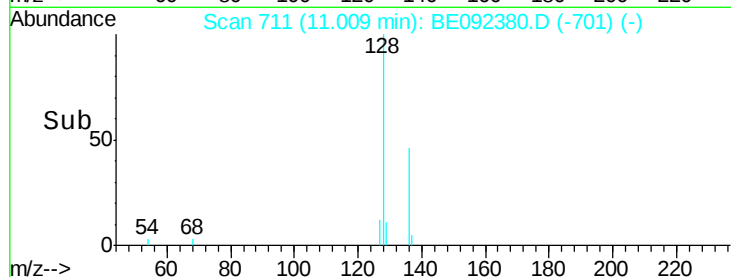
127 14.5 11.6 17.4



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



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

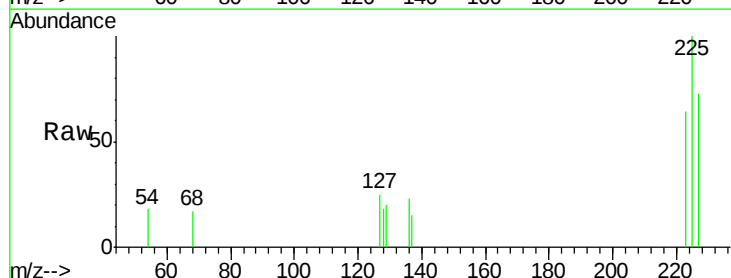
Tgt Ion:225 Resp: 571

Ion Ratio Lower Upper

225 100

223 65.8 50.6 76.0

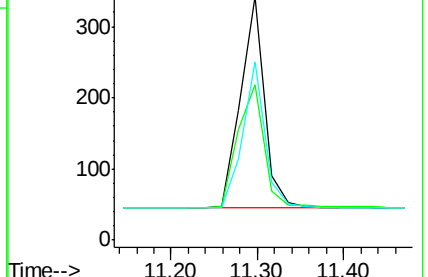
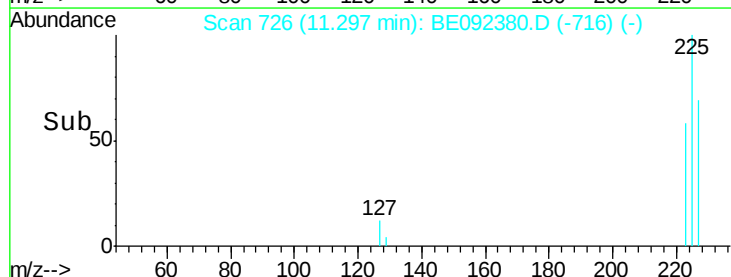
227 65.1 51.4 77.0



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





#11

2-Methylnaphthalene

Concen: 0.42 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

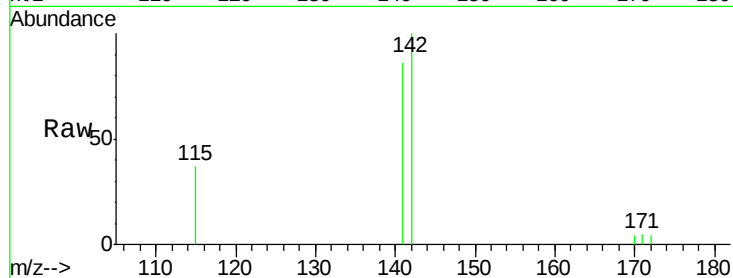
Tot Ion:142 Resp: 2467

Ion Ratio Lower Upper

142 100

141 85.8 73.7 110.5

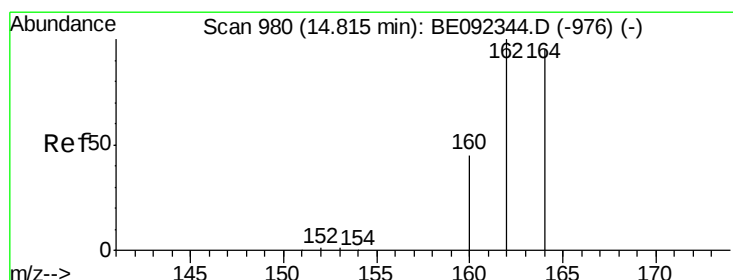
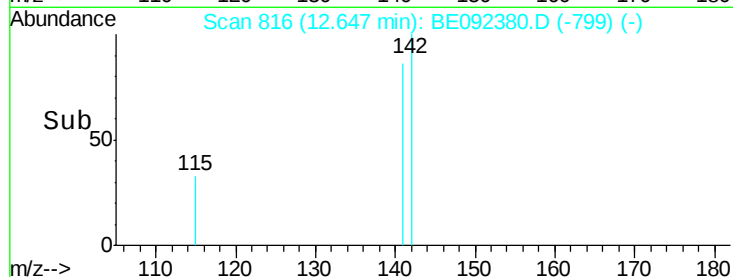
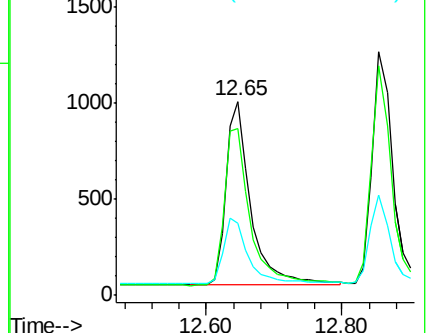
115 37.1 34.0 51.0



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: 14.83 min Scan# 981

Delta R.T. 0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

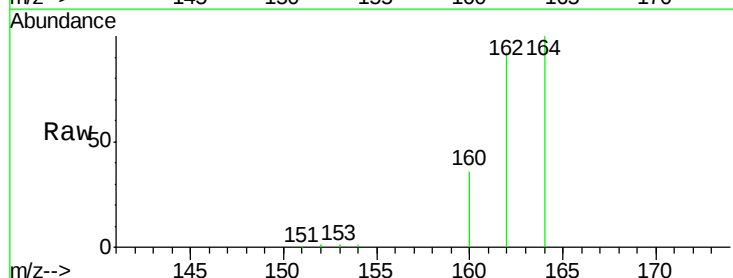
Tgt Ion:164 Resp: 26957

Ion Ratio Lower Upper

164 100

162 91.6 71.4 107.0

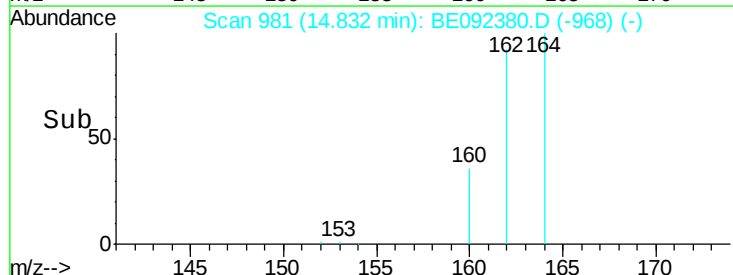
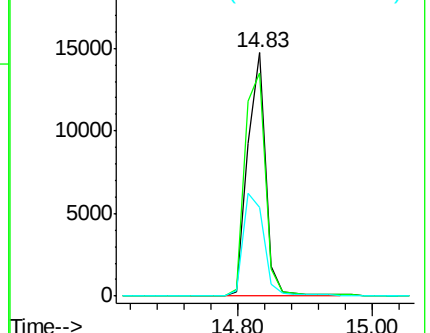
160 36.4 27.4 41.2

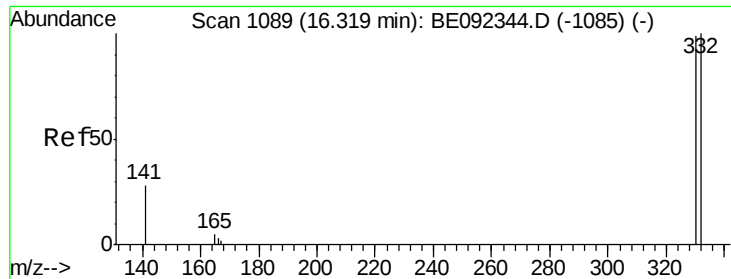


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

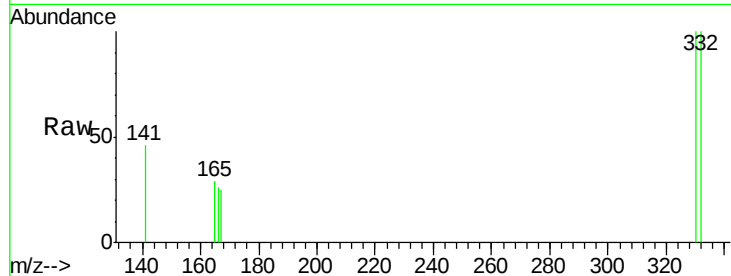




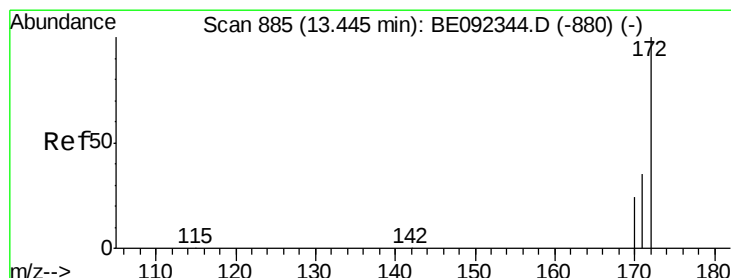
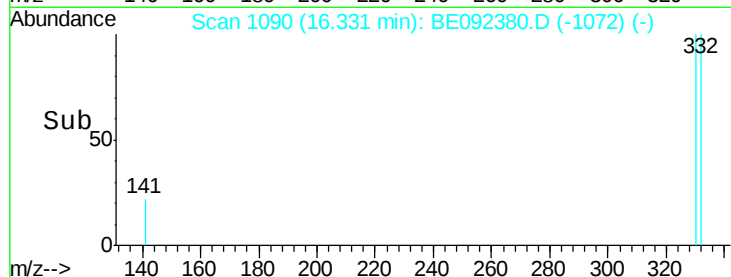
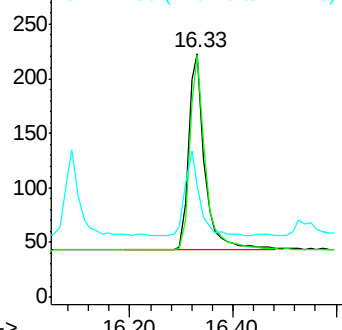
#13
 2,4,6-Tribromophenol
 Concen: 0.48 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:330 Resp: 398
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.0
 141 38.4 31.0 46.6

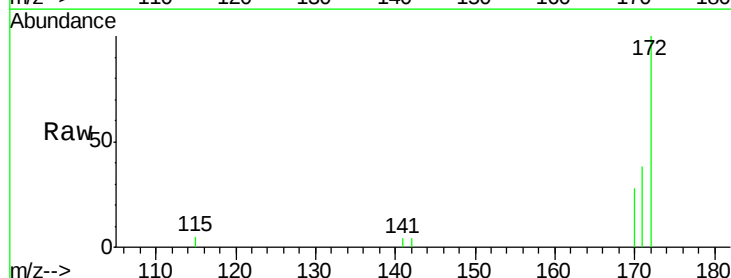


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

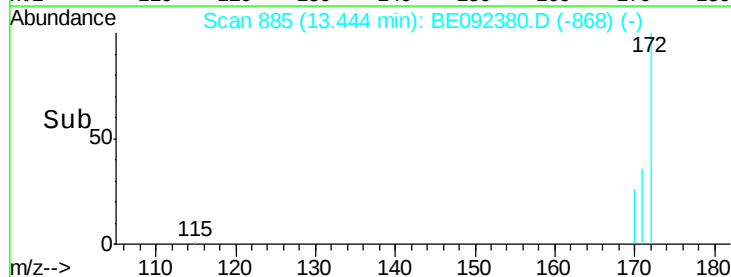
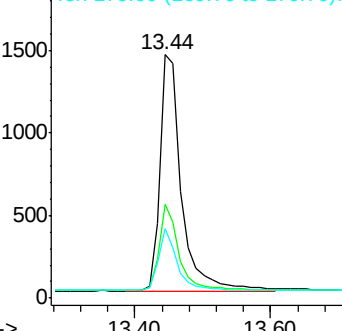


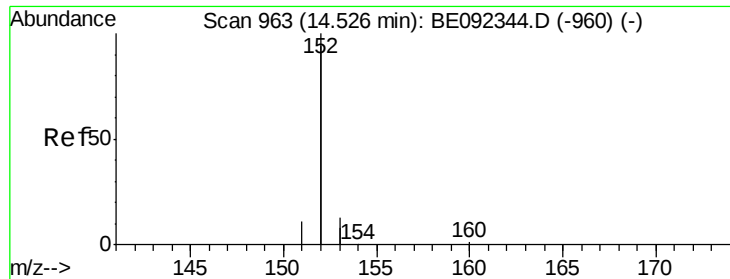
#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

Tgt Ion:172 Resp: 3186
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.1 45.1
 170 28.5 21.8 32.6



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: 0.41 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

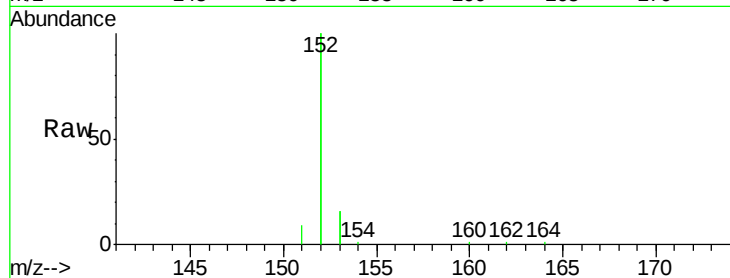
Tot Ion:152 Resp: 18932

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

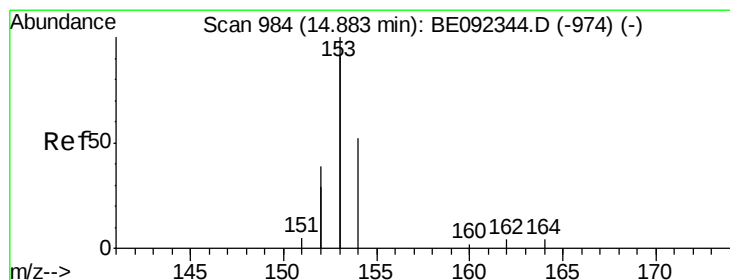
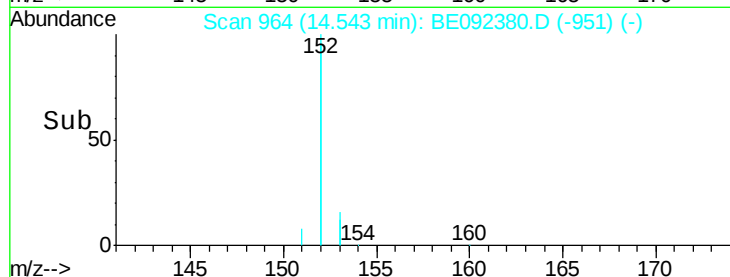
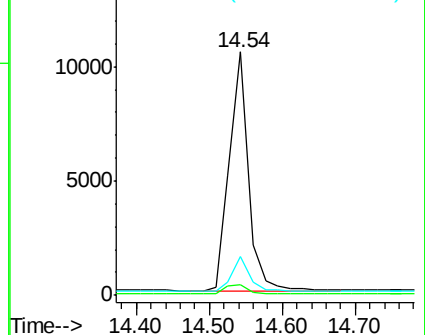
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

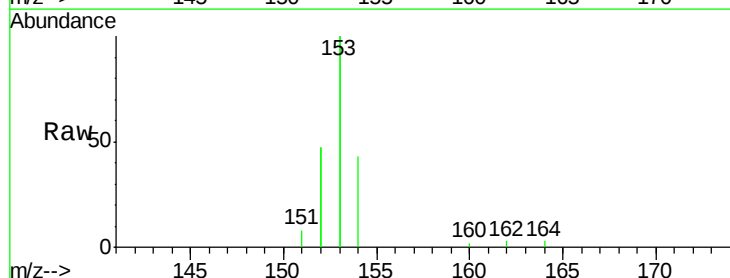
Tgt Ion:154 Resp: 3041

Ion Ratio Lower Upper

154 100

153 439.0 350.8 526.2

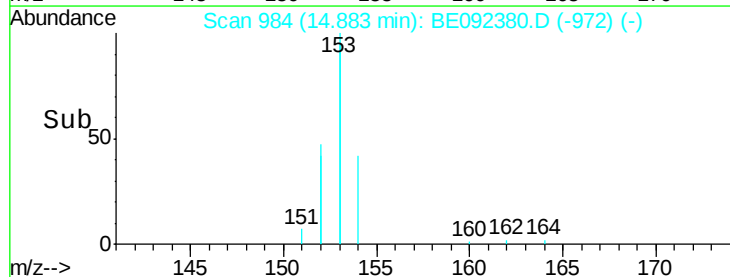
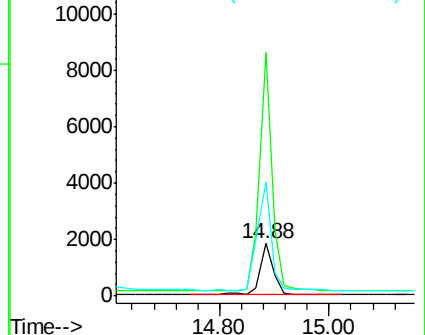
152 216.7 171.1 256.7

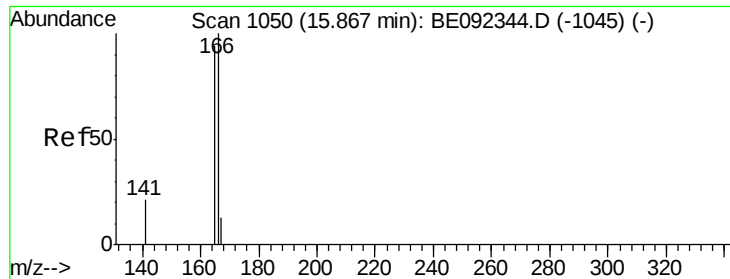


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

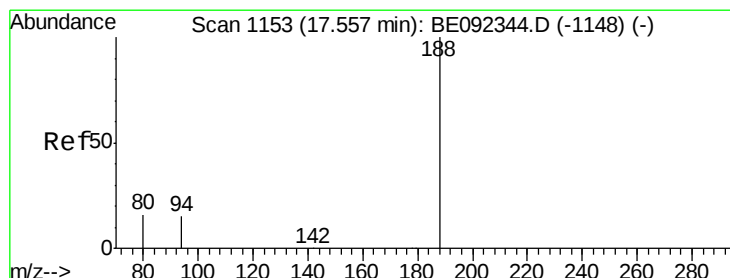
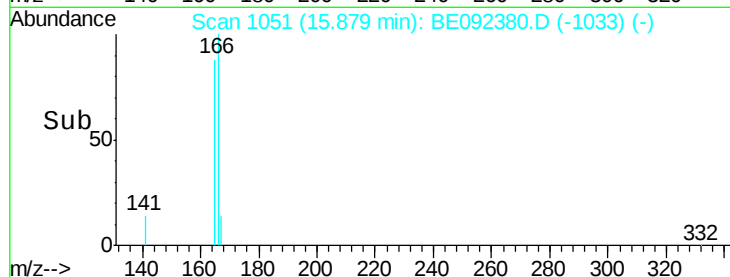
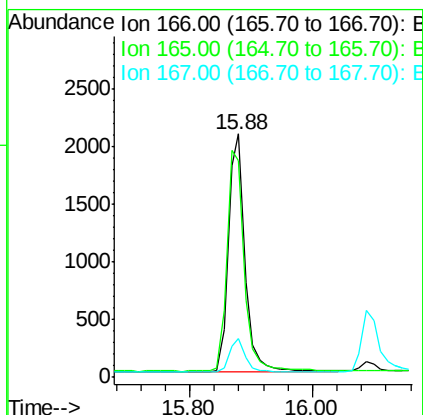
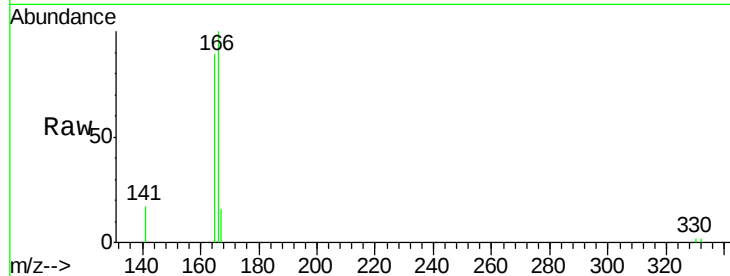




#17
Fluorene
 Concen: 0.41 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

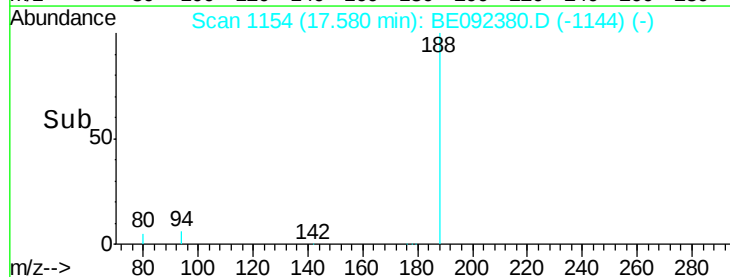
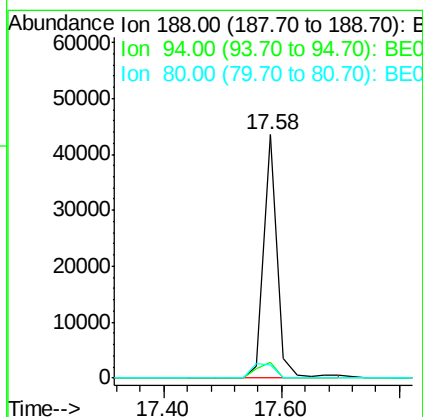
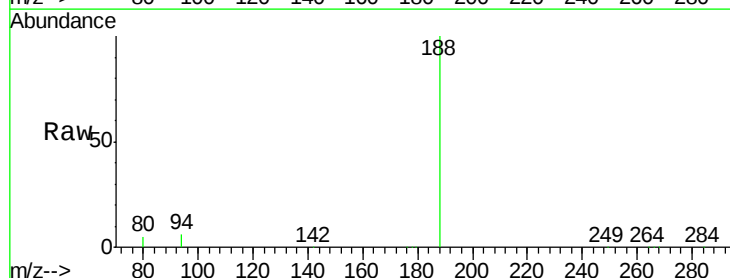
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:166 Resp: 3852
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092380.D
 Acq: 13 Sep 2016 12:35

Tgt Ion:188 Resp: 70218
 Ion Ratio Lower Upper
 188 100
 94 6.3 3.2 4.8#
 80 5.5 2.6 3.8#

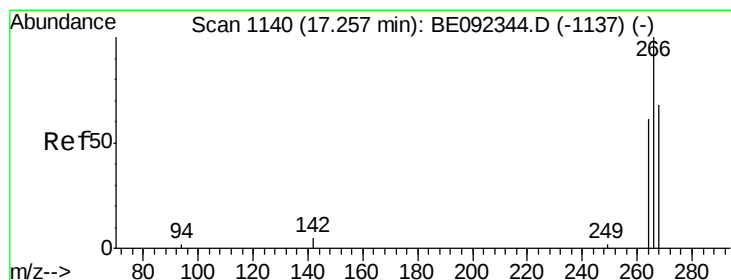
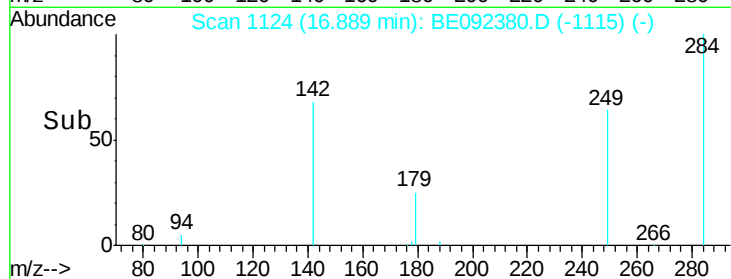
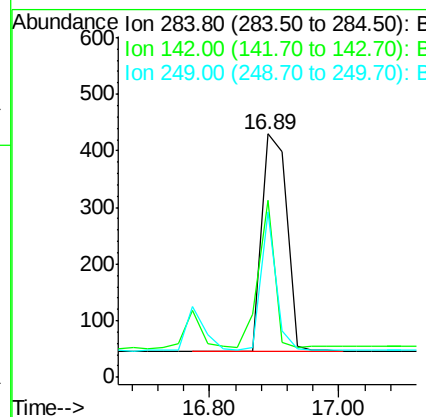
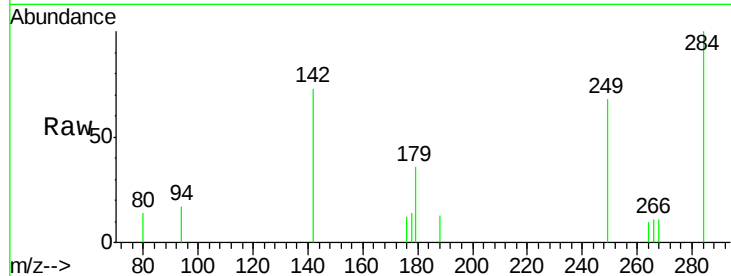




#19
Hexachlorobenzene
Concen: 0.31 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

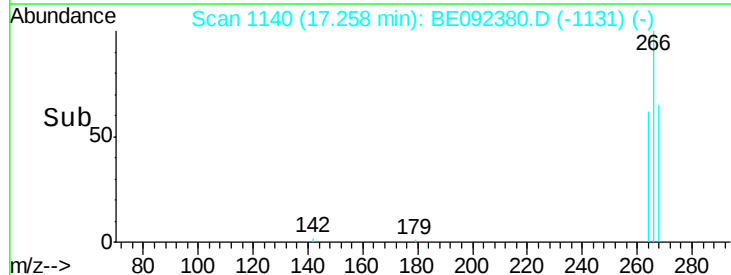
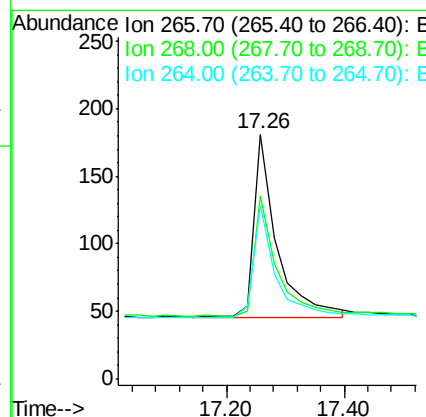
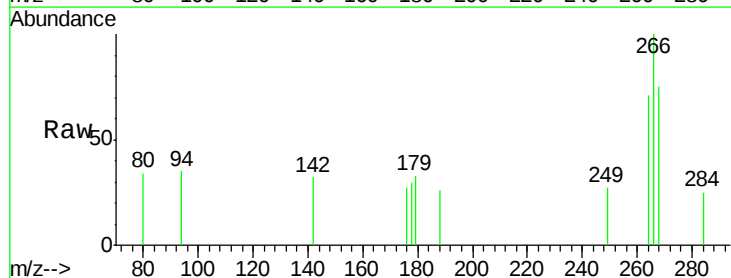
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

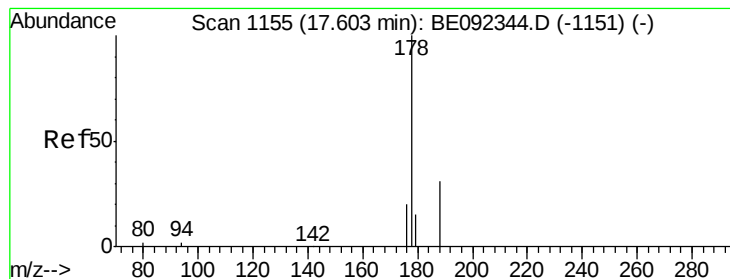
Tot Ion:284 Resp: 1048
Ion Ratio Lower Upper
284 100
142 43.2 29.1 43.7
249 38.0 27.9 41.9



#20
Pentachlorophenol
Concen: 0.56 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:266 Resp: 377
Ion Ratio Lower Upper
266 100
268 74.6 62.5 93.7
264 71.3 57.2 85.8





#21

Phenanthrene

Concen: 0.32 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

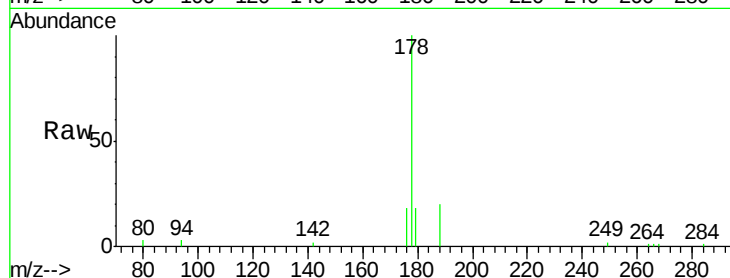
Tot Ion:178 Resp: 6412

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

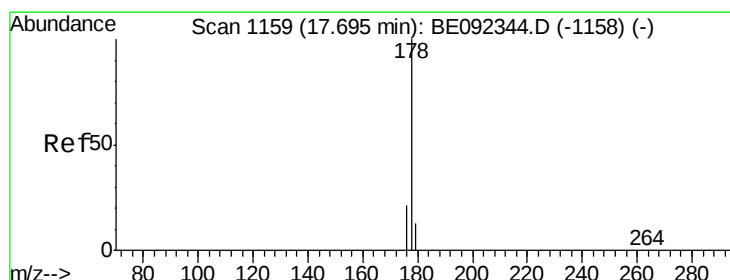
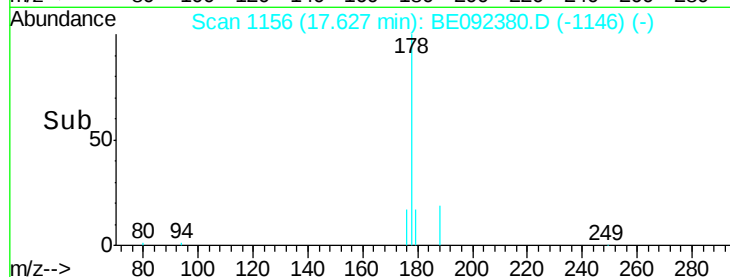
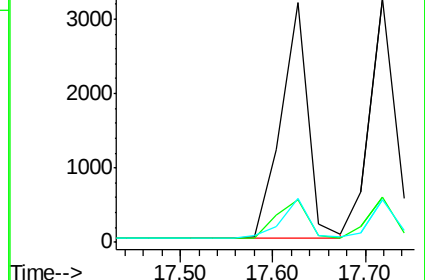
179 16.5 16.0 24.0



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: 0.36 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

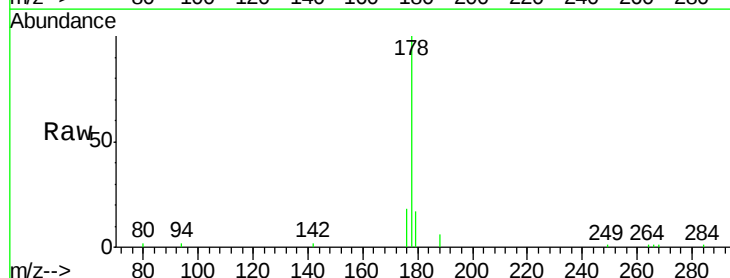
Tgt Ion:178 Resp: 6282

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

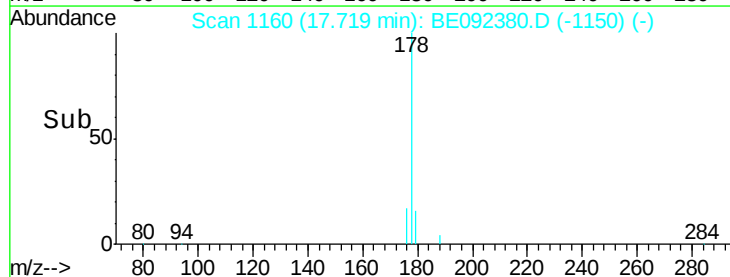
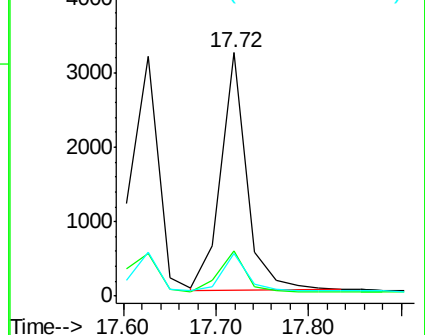
179 15.5 12.2 18.2

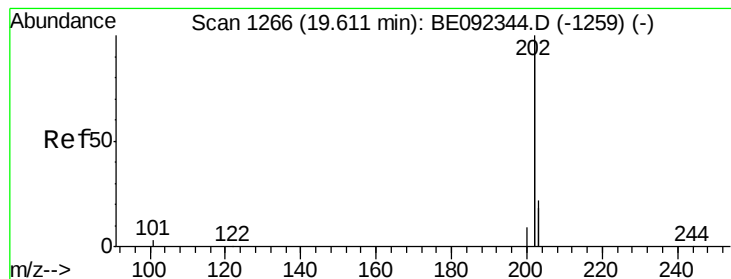


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

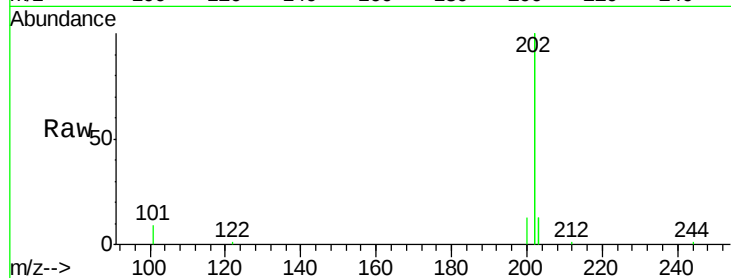
Tot Ion:202 Resp: 30796

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

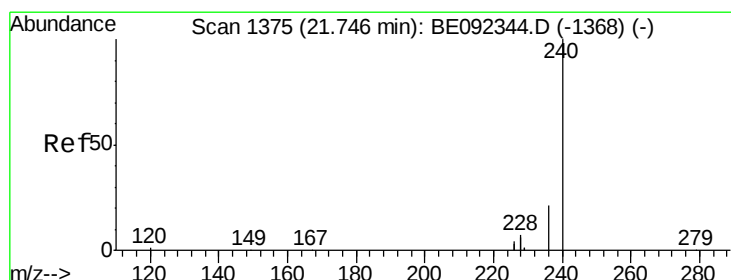
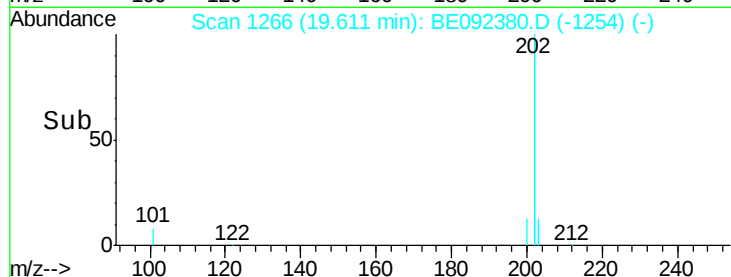
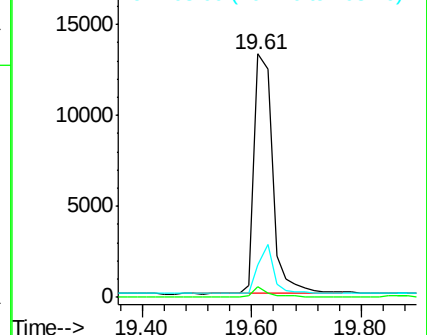
203 17.3 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

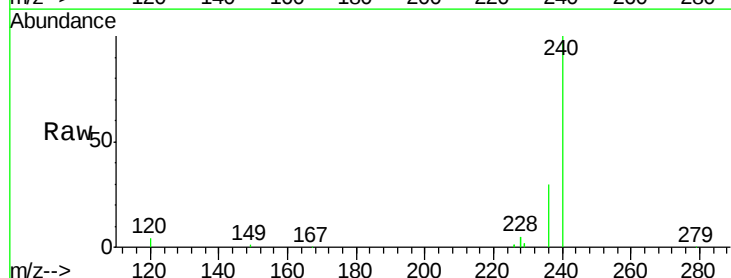
Tgt Ion:240 Resp: 83443

Ion Ratio Lower Upper

240 100

120 3.9 2.6 4.0

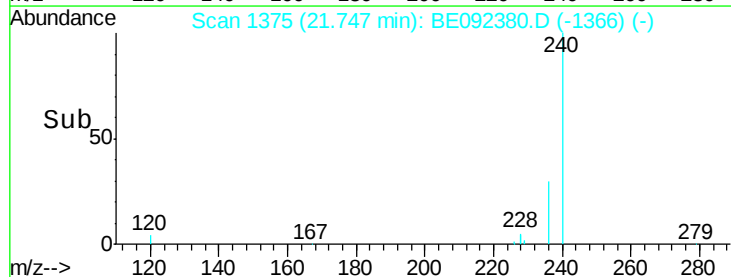
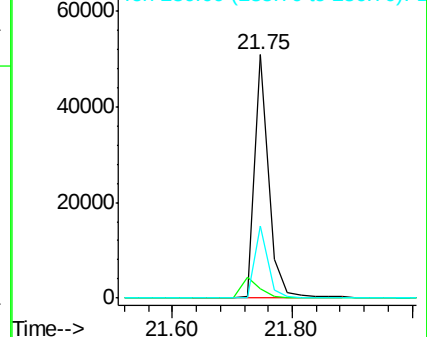
236 29.8 24.6 37.0



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

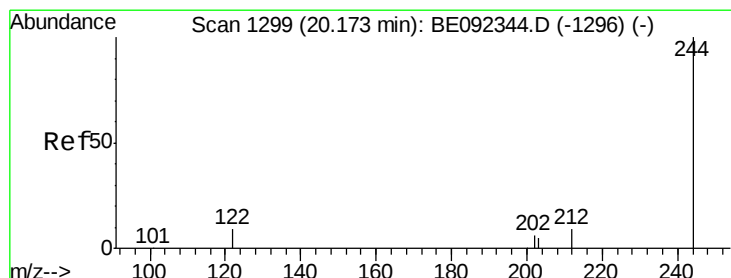
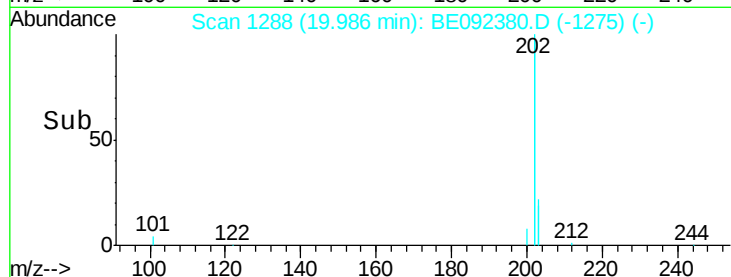
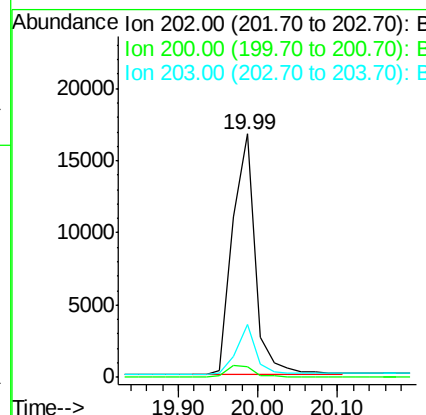
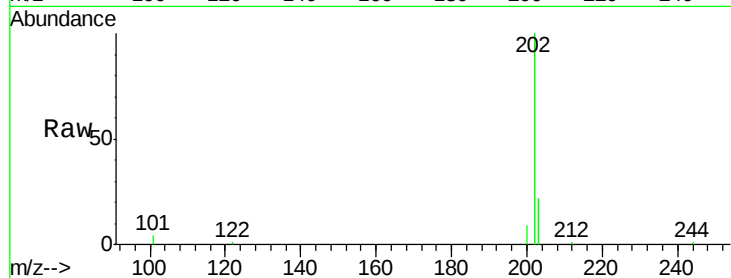




#25
Pvrene
Concen: 0.40 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

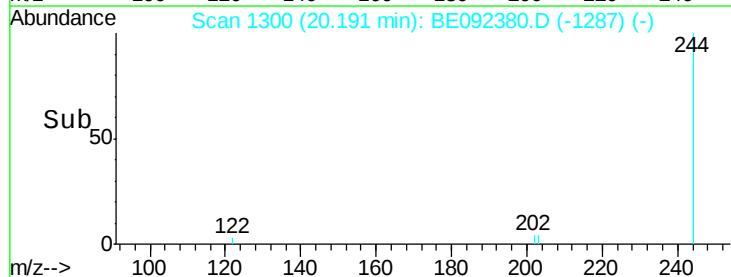
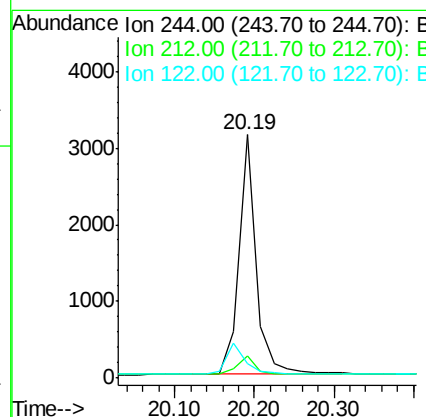
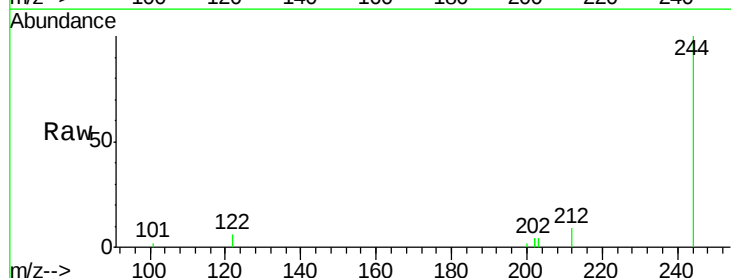
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

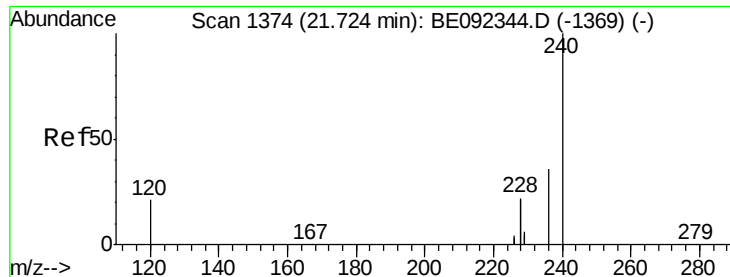
Tot Ion:202 Resp: 32517
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.8 13.9 20.9



#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:244 Resp: 4734
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 5.9 3.6 5.4#

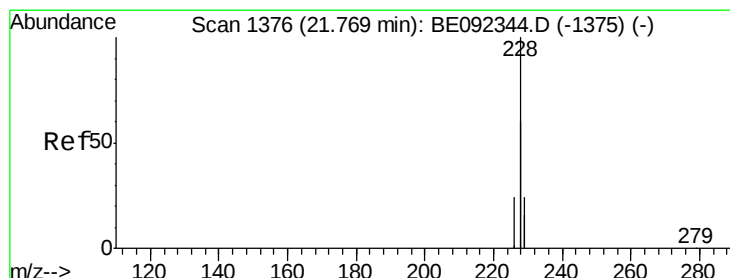
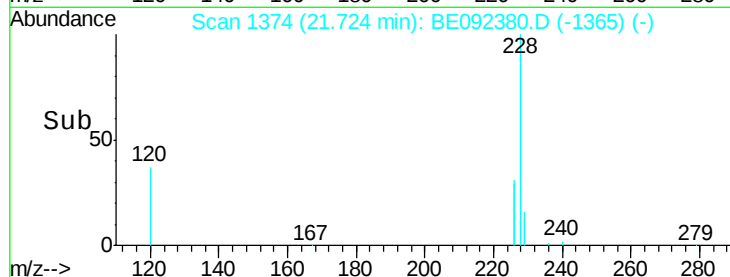
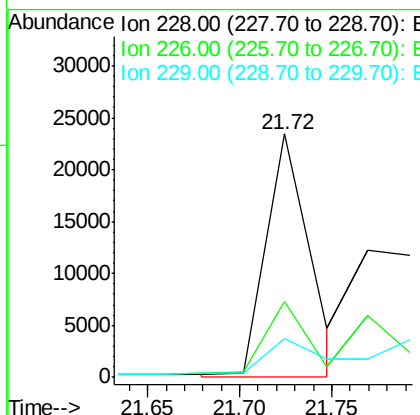
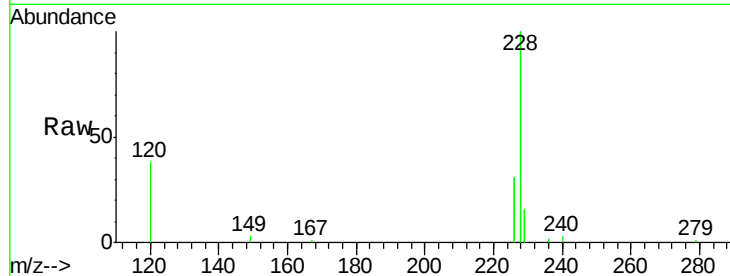




#27
Benzo(a)anthracene
Concen: 0.43 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

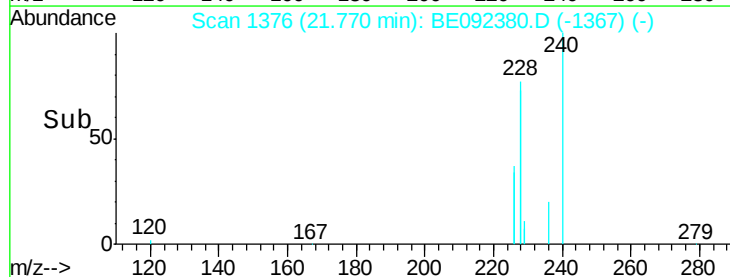
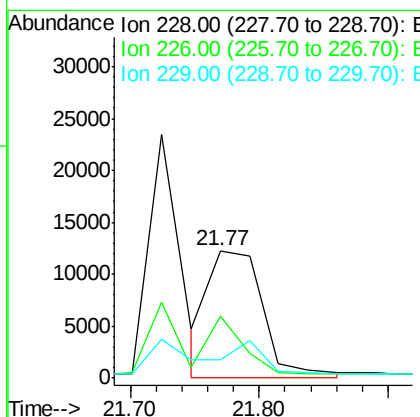
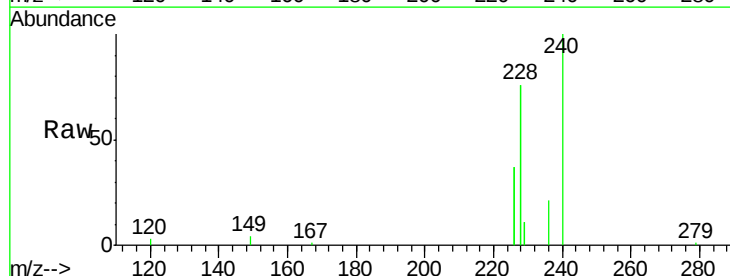
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

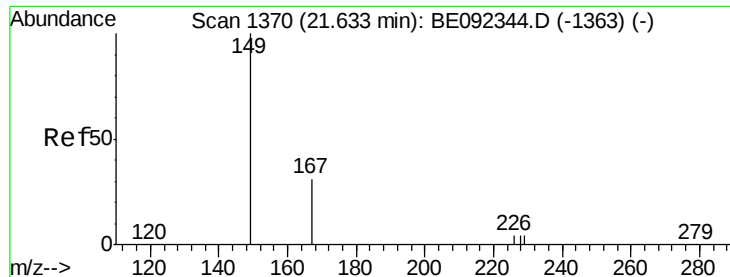
Tot Ion:228 Resp: 38870
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 16.1 13.3 19.9



#28
Chrysene
Concen: 0.33 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:228 Resp: 36359
Ion Ratio Lower Upper
228 100
226 48.5 36.3 54.5
229 14.2 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

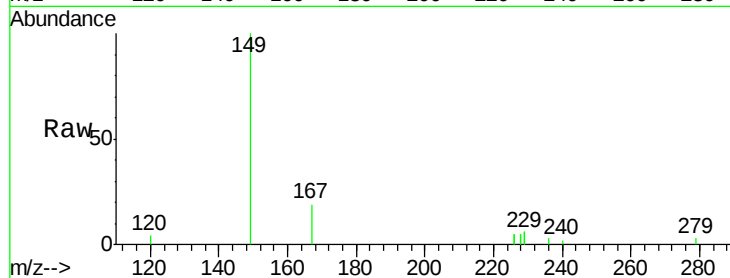
Tot Ion:149 Resp: 6140

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

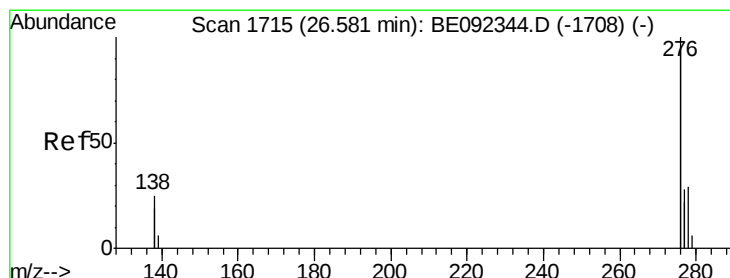
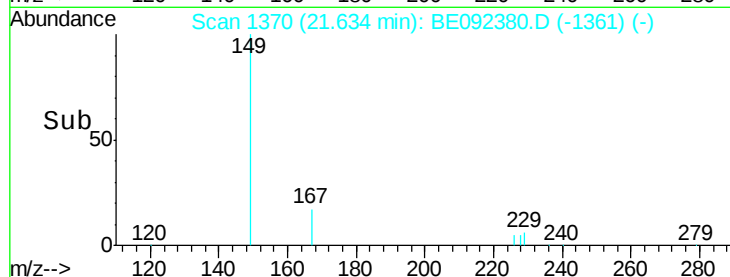
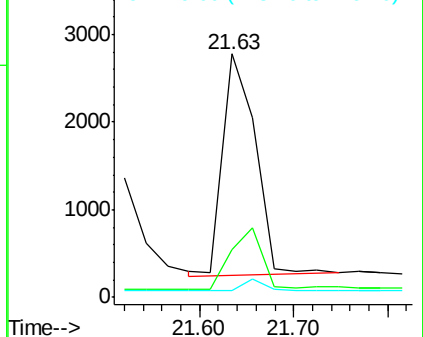
279 0.0 16.0 24.0#



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: 0.39 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.04 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

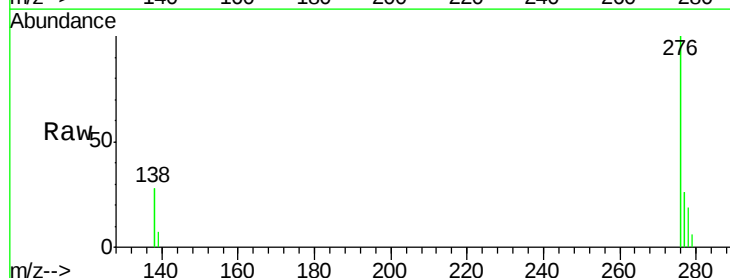
Tgt Ion:276 Resp: 36865

Ion Ratio Lower Upper

276 100

138 26.3 20.3 30.5

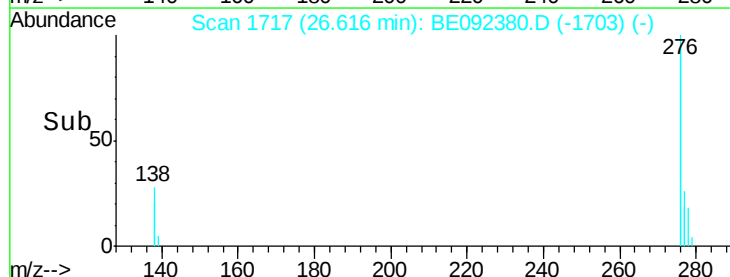
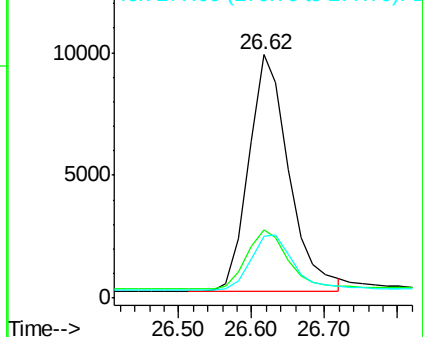
277 24.6 19.7 29.5

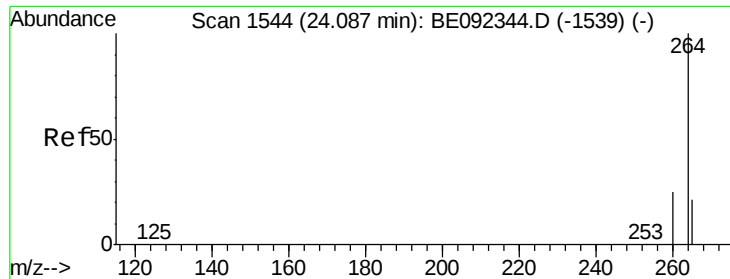


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

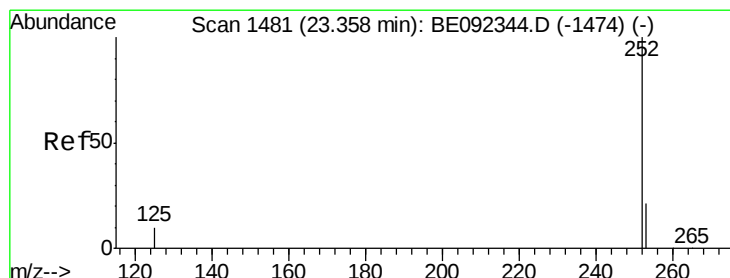
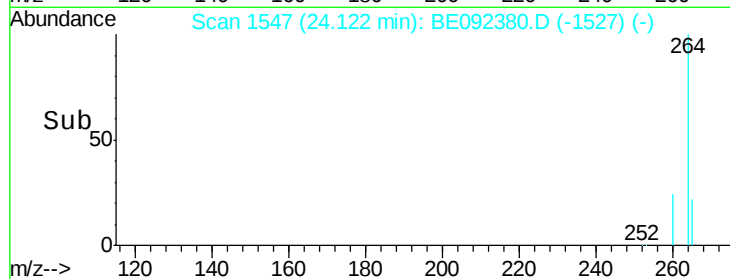
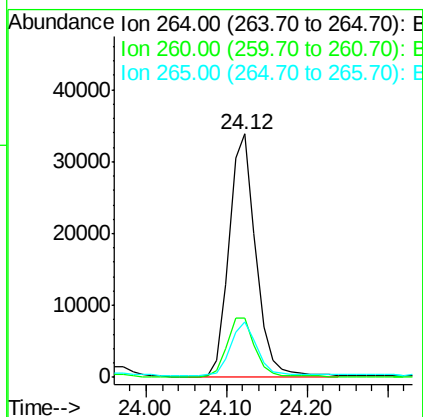
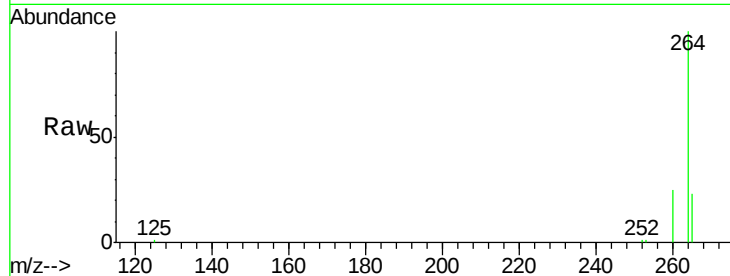




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.04 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

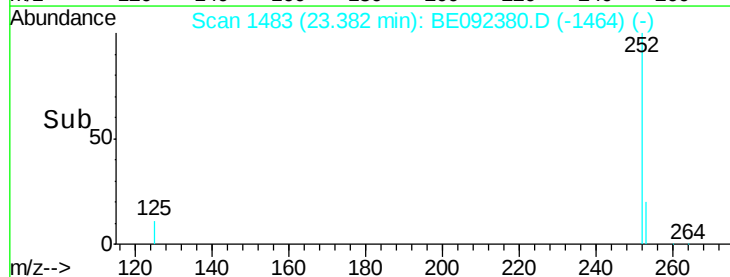
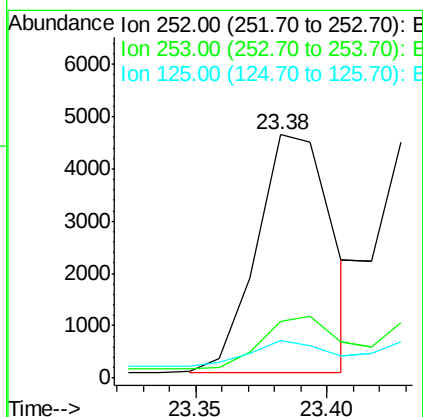
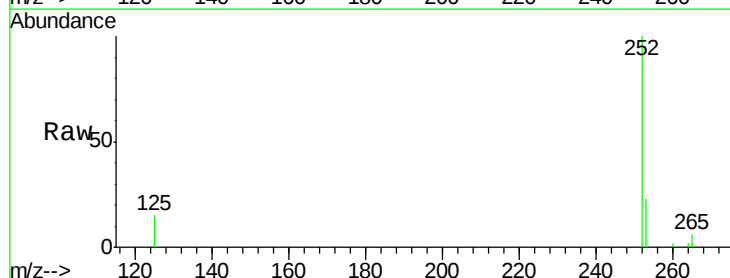
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

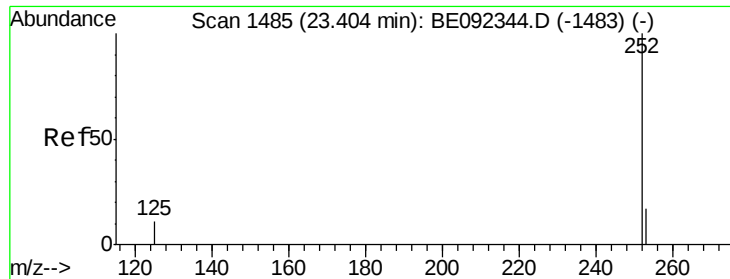
Tot Ion:264 Resp: 77315
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 22.8 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.46 ng m
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:252 Resp: 9186
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 15.3 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.46 ng m

RT: 23.44 min Scan# 1488

Delta R.T. 0.04 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

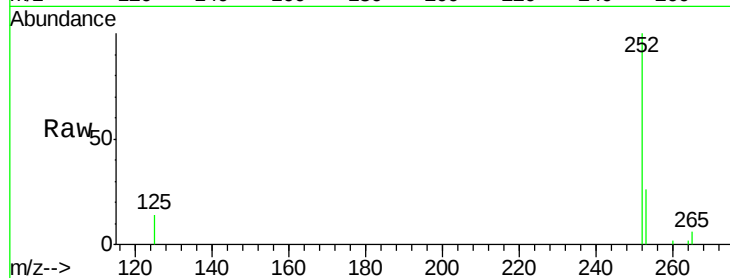
Tot Ion:252 Resp: 9629

Ion Ratio Lower Upper

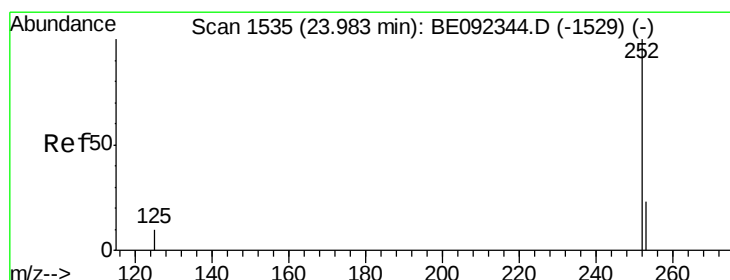
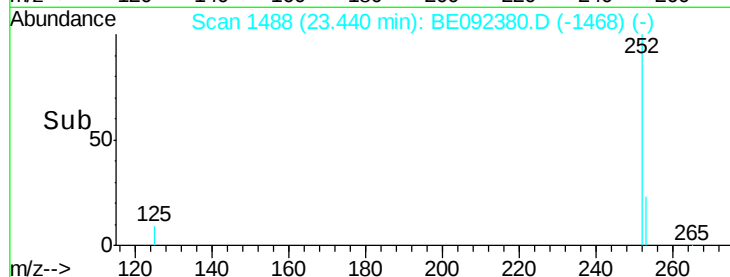
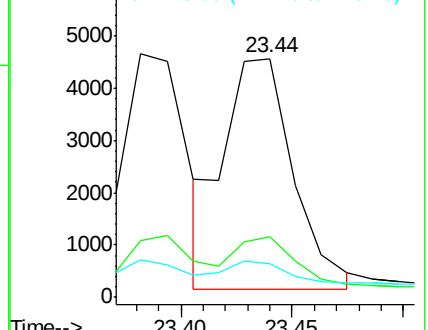
252 100

253 25.6 20.3 30.5

125 14.1 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: 0.44 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

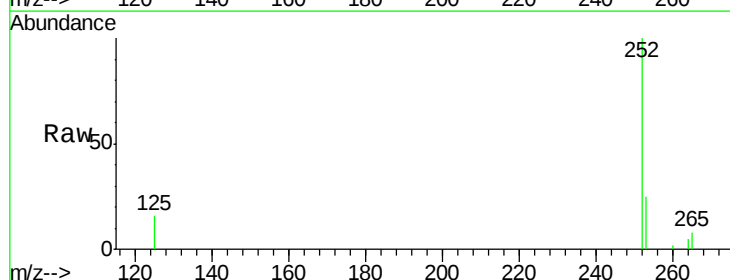
Tgt Ion:252 Resp: 8604

Ion Ratio Lower Upper

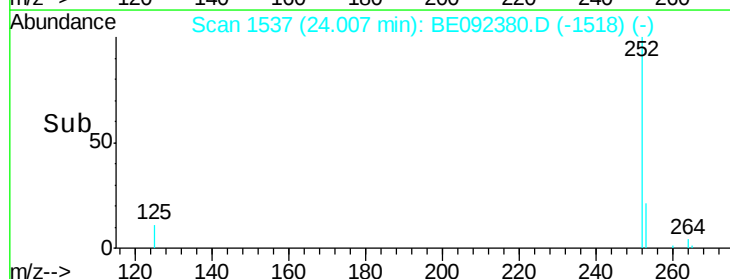
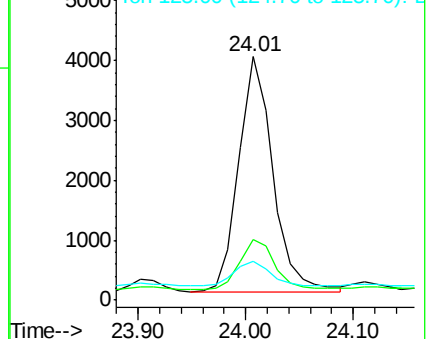
252 100

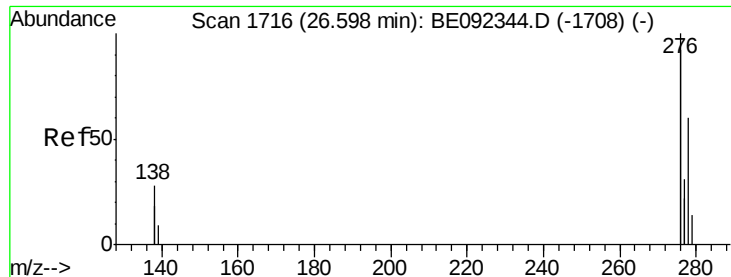
253 24.8 19.0 28.6

125 16.2 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: 0.42 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

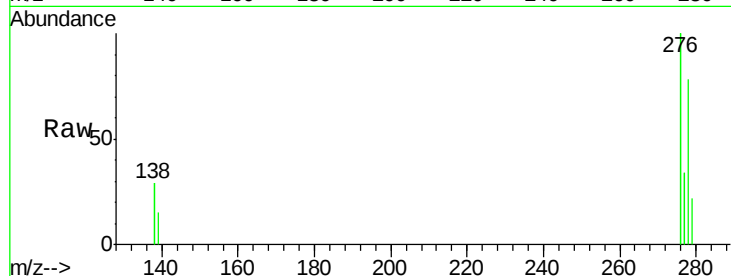
Tot Ion:278 Resp: 7580

Ion Ratio Lower Upper

278 100

139 19.3 13.8 20.8

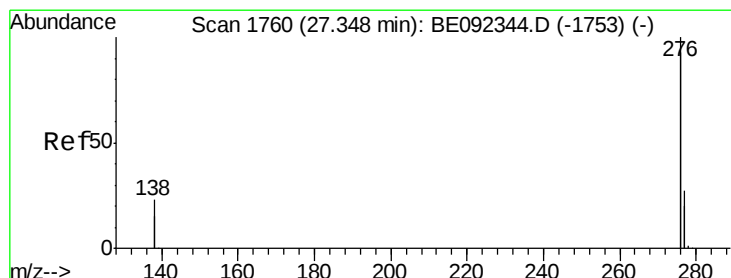
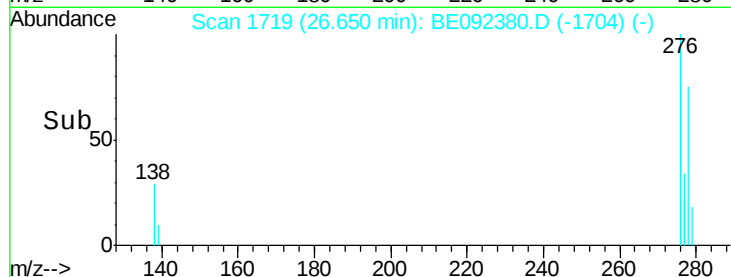
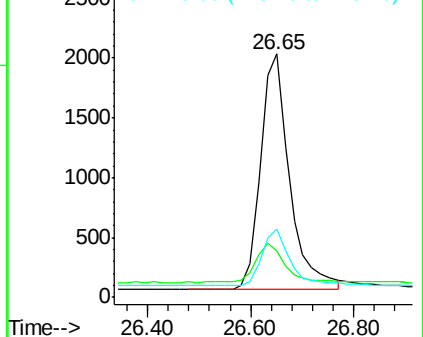
279 28.0 21.4 32.2



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: 0.42 ng

RT: 27.40 min Scan# 1763

Delta R.T. 0.05 min

Lab File: BE092380.D

Acq: 13 Sep 2016 12:35

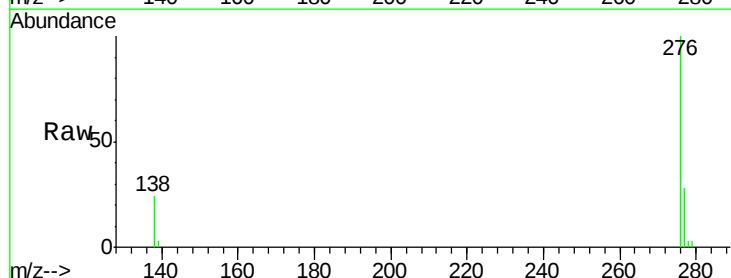
Tgt Ion:276 Resp: 31988

Ion Ratio Lower Upper

276 100

277 28.0 19.8 29.8

138 24.2 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

