

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092384.D
 Acq On : 16 Sep 2016 9:21
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 16 11:17:59 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

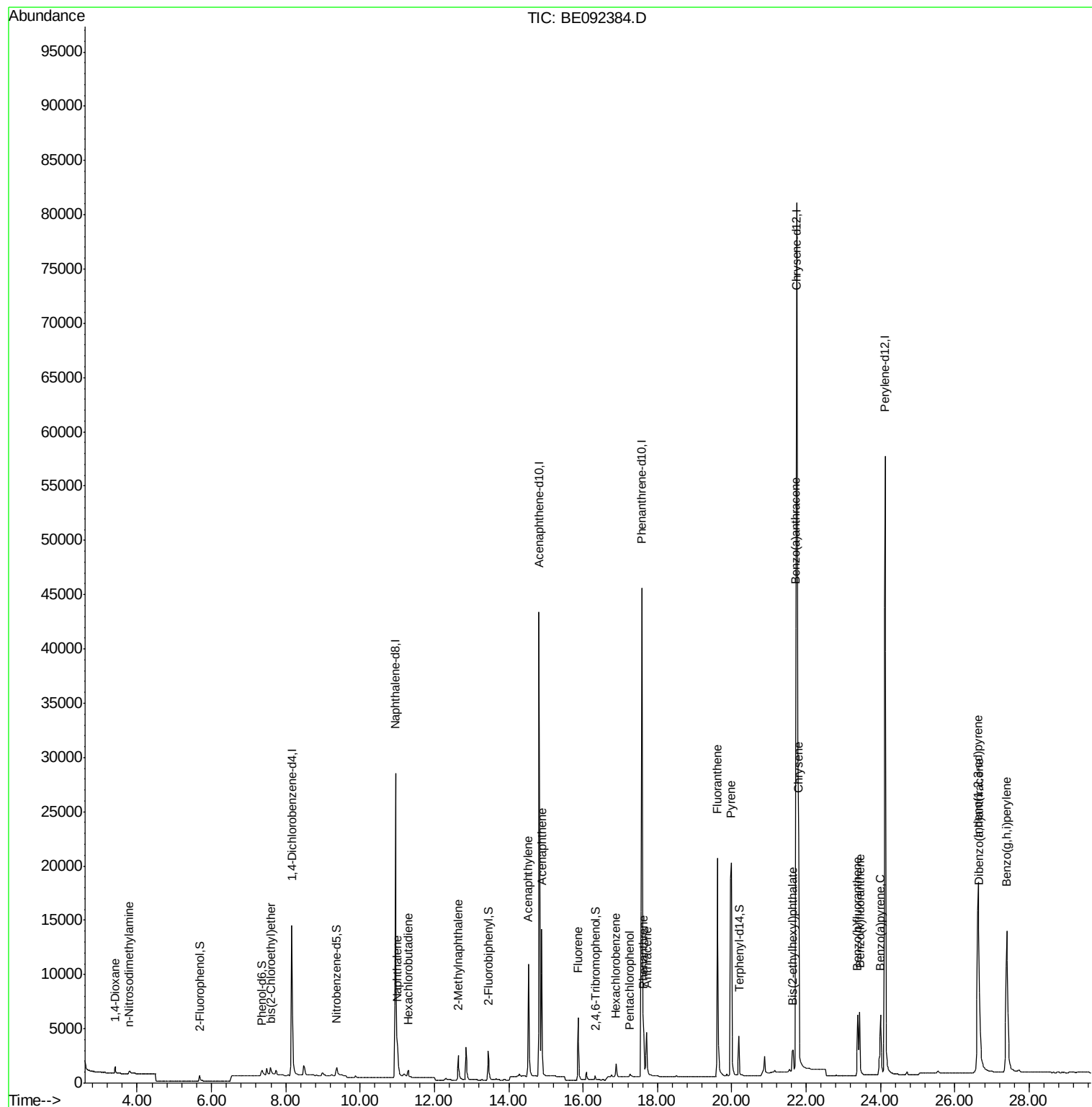
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8992	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	44171	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	29348	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	73118	5.00	ng	0.02
24) Chrysene-d12	21.75	240	91727	5.00	ng	0.00
31) Perylene-d12	24.12	264	86651	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	765	0.36	ng	0.00
5) Phenol-d6	7.36	99	1005	0.35	ng	0.00
8) Nitrobenzene-d5	9.36	82	1230	0.39	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	372	0.41	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	3554	0.39	ng	0.00
26) Terphenyl-d14	20.19	244	5125	0.38	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	486	0.35	ng	98
3) n-Nitrosodimethylamine	3.78	42	429	0.37	ng	94
6) bis(2-Chloroethyl)ether	7.59	93	827	0.37	ng	97
9) Naphthalene	11.01	128	4057	0.41	ng	99
10) Hexachlorobutadiene	11.30	225	658	0.43	ng	99
11) 2-Methylnaphthalene	12.64	142	2663	0.41	ng	99
15) Acenaphthylene	14.53	152	20366	0.40	ng	100
16) Acenaphthene	14.88	154	3329	0.41	ng	100
17) Fluorene	15.87	166	4170	0.41	ng	99
19) Hexachlorobenzene	16.89	284	1216	0.35	ng	98
20) Pentachlorophenol	17.26	266	354	0.51	ng	98
21) Phenanthrene	17.63	178	7005	0.34	ng	# 74
22) Anthracene	17.72	178	6439	0.35	ng	100
23) Fluoranthene	19.61	202	33413	0.37	ng	100
25) Pyrene	19.99	202	35546	0.40	ng	100
27) Benzo(a)anthracene	21.72	228	40557m	0.41	ng	
28) Chrysene	21.79	228	39304m	0.32	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	4149	0.31	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.63	276	39835	0.38	ng	99
32) Benzo(b)fluoranthene	23.38	252	9769	0.44	ng	98
33) Benzo(k)fluoranthene	23.44	252	8708	0.37	ng	99
34) Benzo(a)pyrene	24.01	252	8943	0.41	ng	98
35) Dibenzo(a,h)anthracene	26.65	278	8164	0.40	ng	98
36) Benzo(g,h,i)perylene	27.40	276	34969	0.41	ng	99

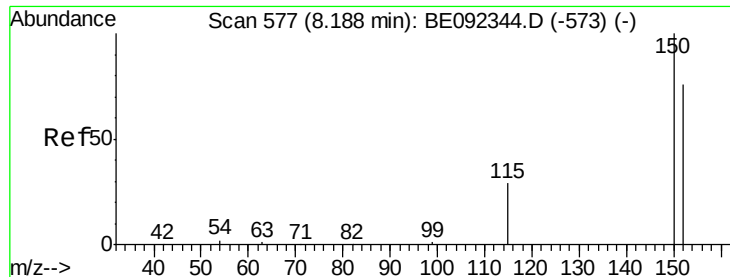
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

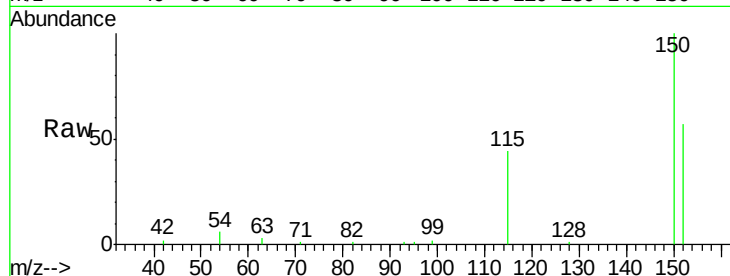
Tgt Ion:152 Resp: 8992

Ion Ratio Lower Upper

152 100

150 175.1 106.0 159.0#

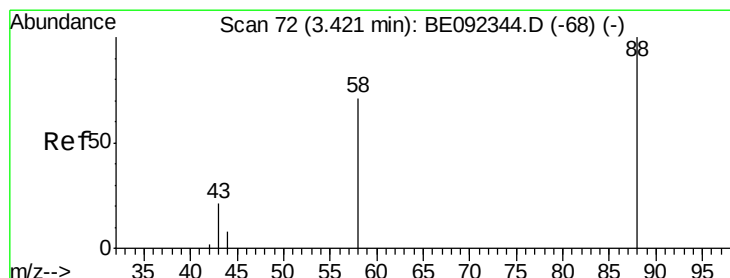
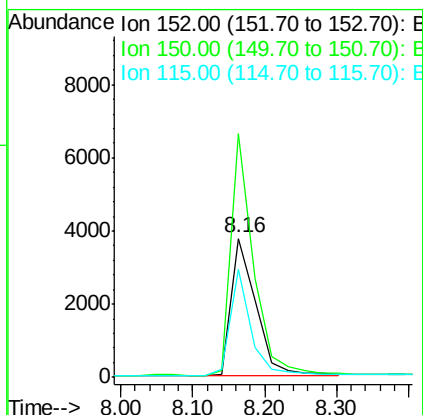
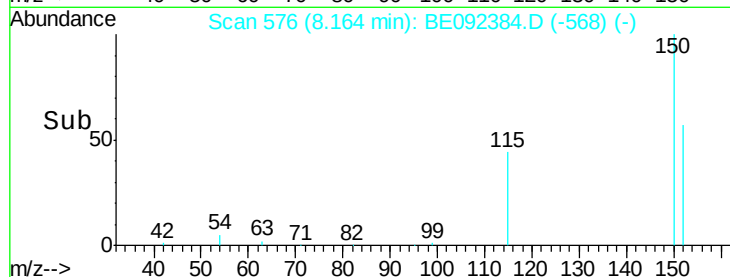
115 77.8 31.2 46.8#



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: 0.35 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

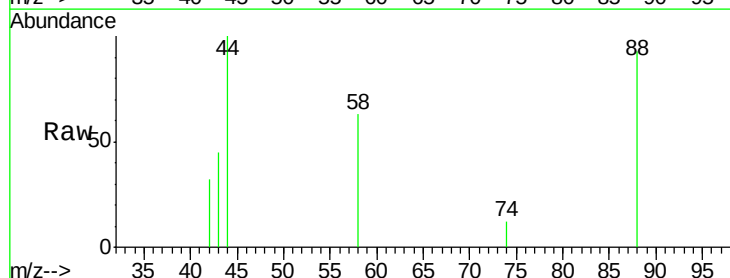
Tgt Ion: 88 Resp: 486

Ion Ratio Lower Upper

88 100

58 79.0 63.6 95.4

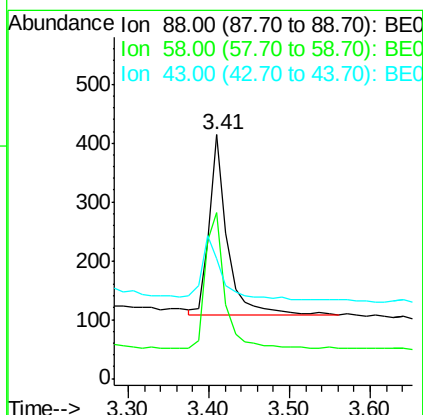
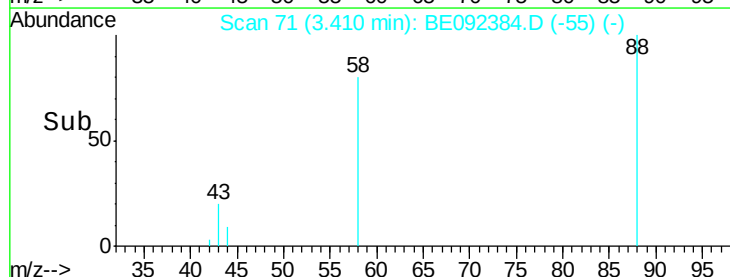
43 37.7 28.0 42.0

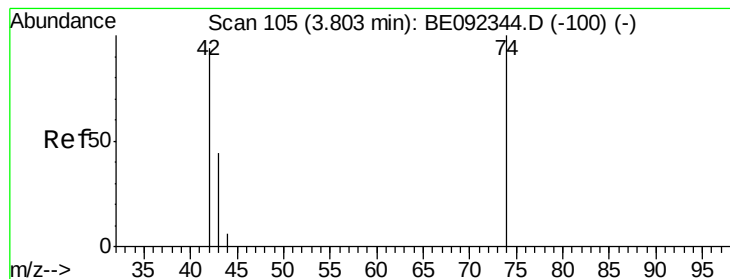


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

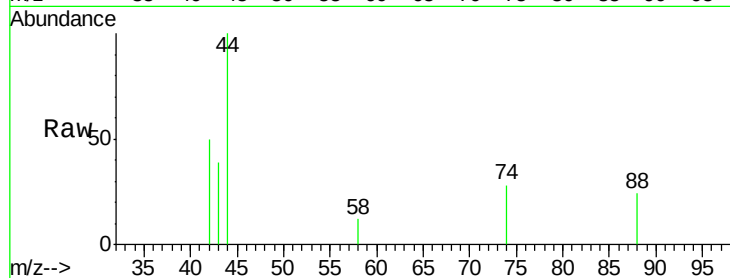
Tgt Ion: 42 Resp: 429

Ion Ratio Lower Upper

42 100

74 113.5 86.0 129.0

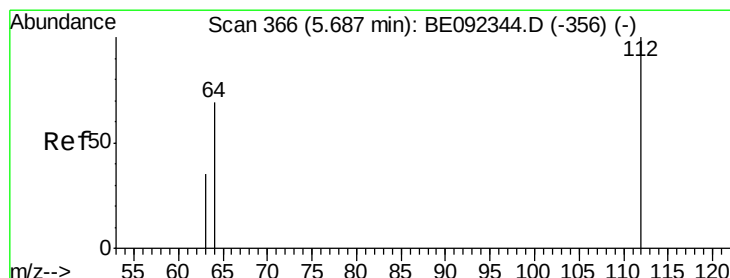
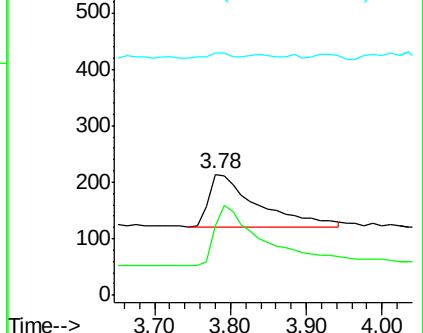
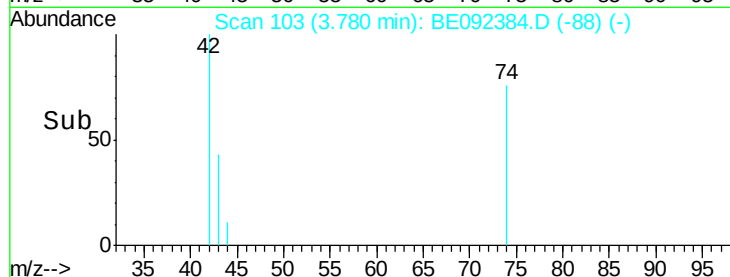
44 5.6 5.1 7.7



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: 0.36 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

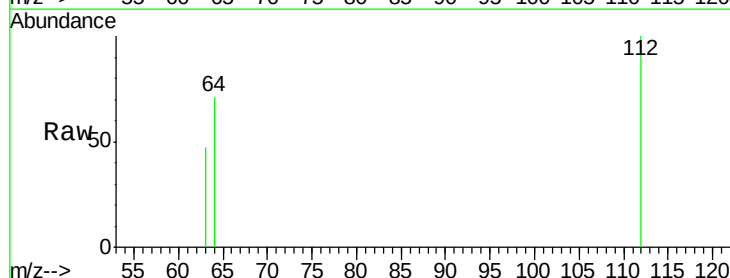
Tgt Ion: 112 Resp: 765

Ion Ratio Lower Upper

112 100

64 66.9 53.5 80.3

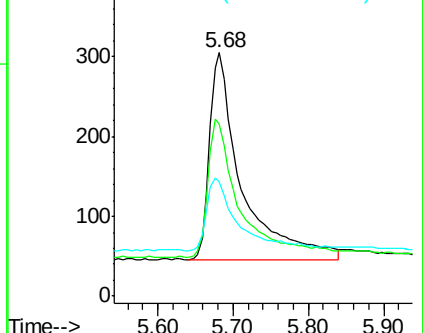
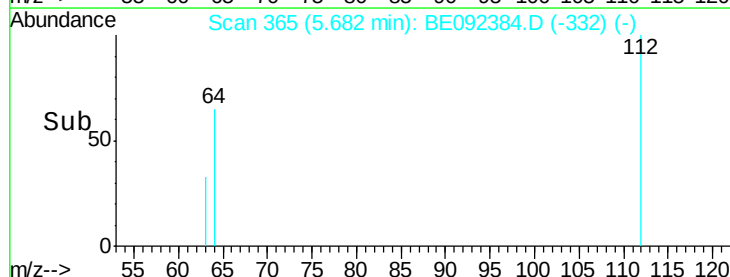
63 35.3 27.9 41.9

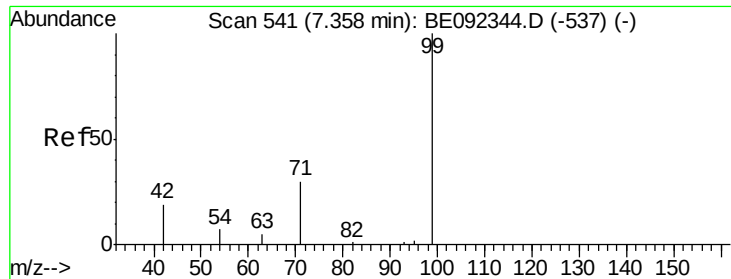


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

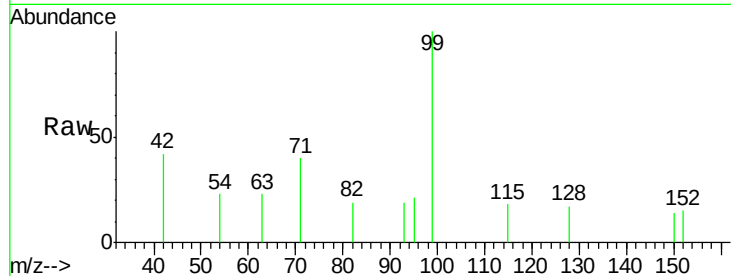
Tgt Ion: 99 Resp: 1005

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

400

300

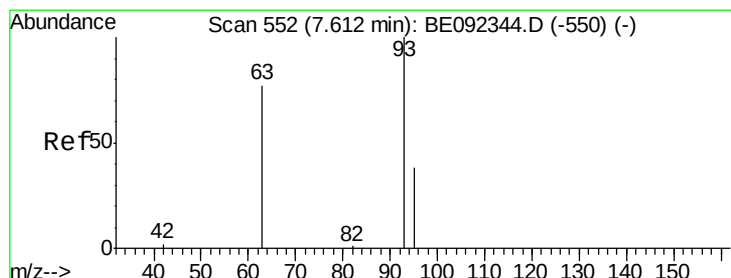
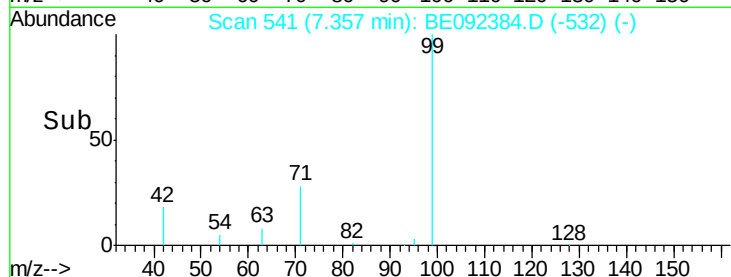
200

100

0

7.20 7.30 7.40 7.50

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

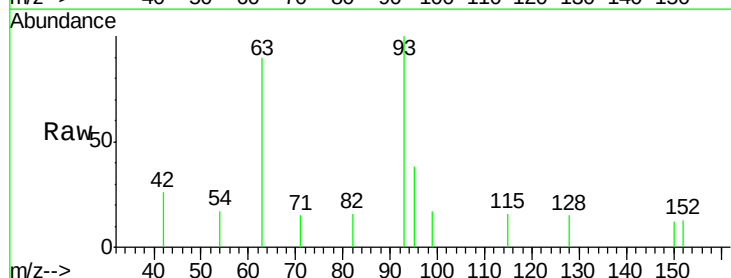
Tgt Ion: 93 Resp: 827

Ion Ratio Lower Upper

93 100

63 89.2 71.6 107.4

95 35.6 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

800

600

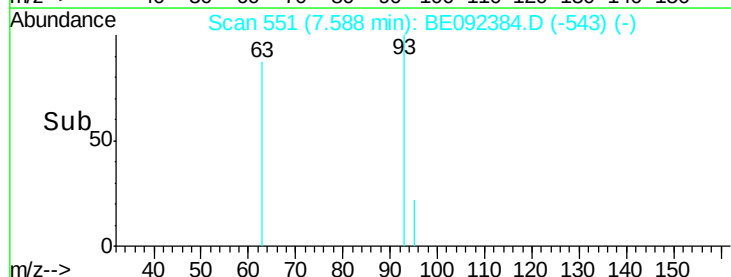
400

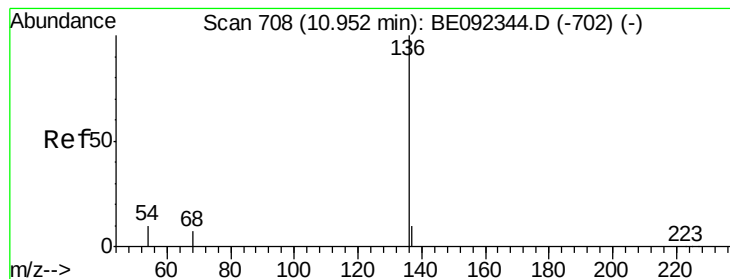
200

0

7.50 7.60 7.70

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

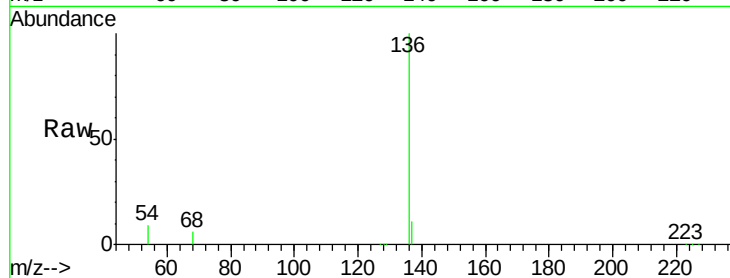
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	44171
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.6	9.6	14.4#
68	6.3	6.7	10.1#

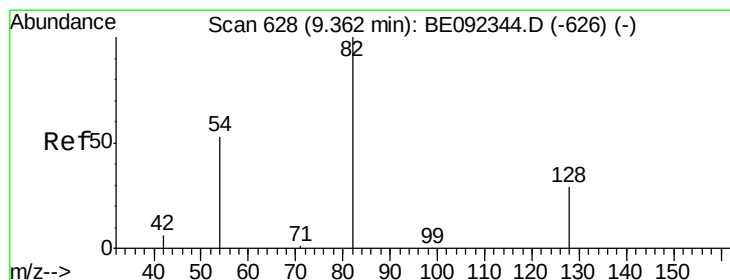
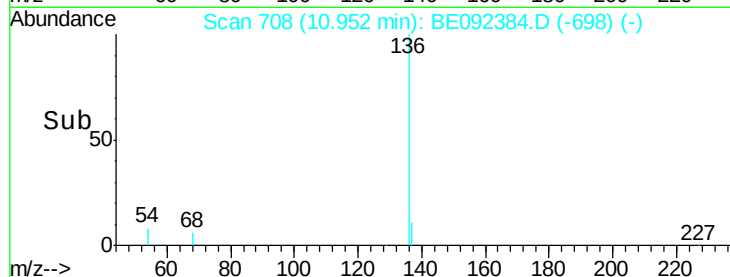
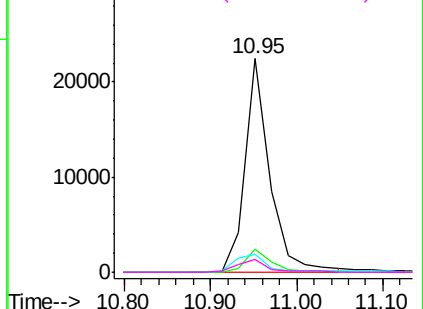


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

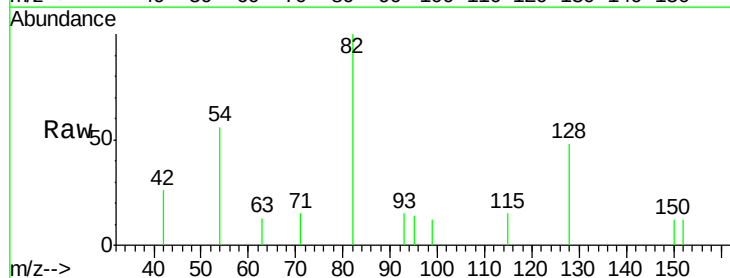
RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

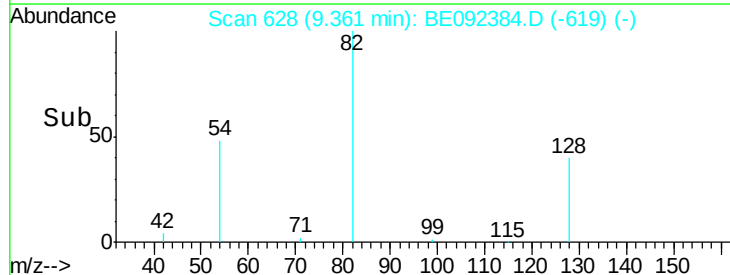
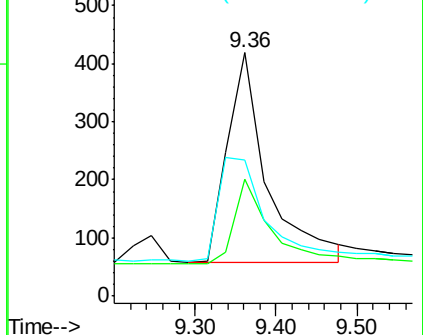
Tgt Ion:	82	Resp:	1230
Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.0	58.4
54	55.8	44.8	67.2

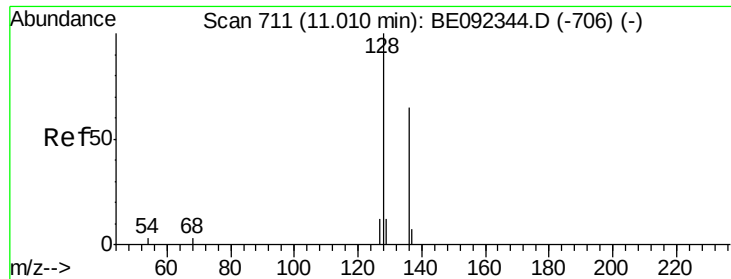


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.41 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

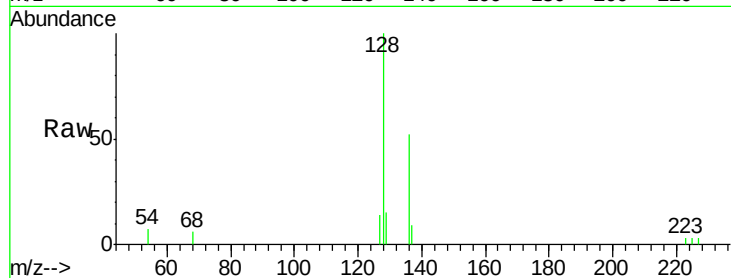
Tgt Ion:128 Resp: 4057

Ion Ratio Lower Upper

128 100

129 14.7 11.2 16.8

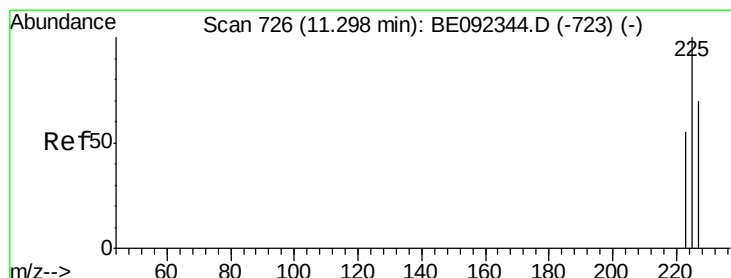
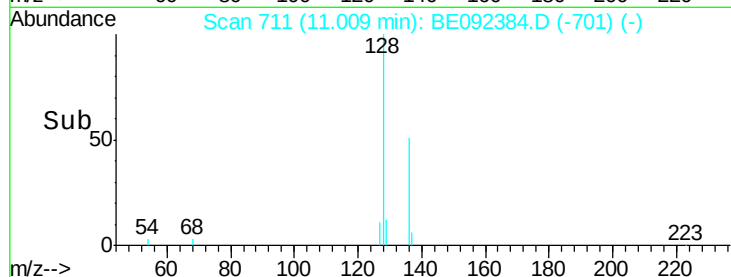
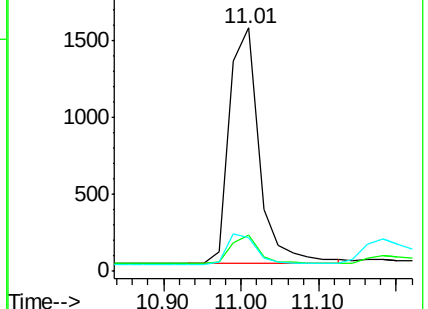
127 14.1 11.6 17.4



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: 0.43 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

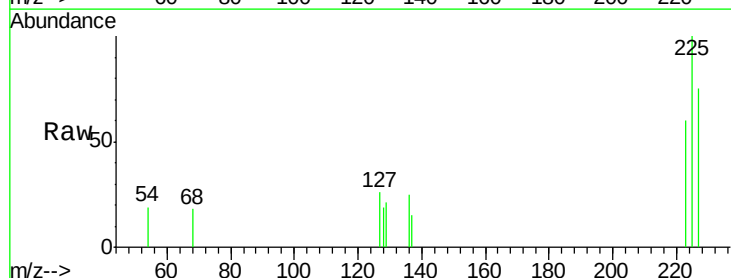
Tgt Ion:225 Resp: 658

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

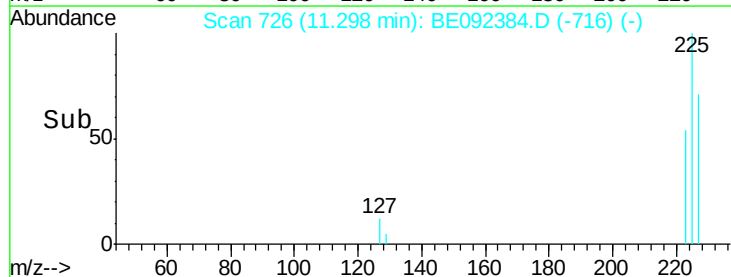
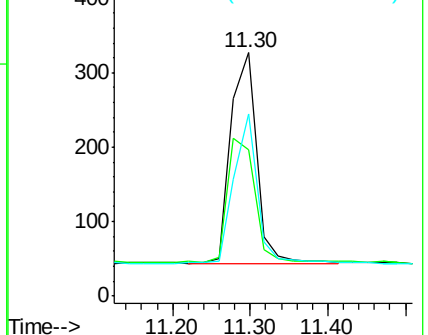
227 63.4 51.4 77.0

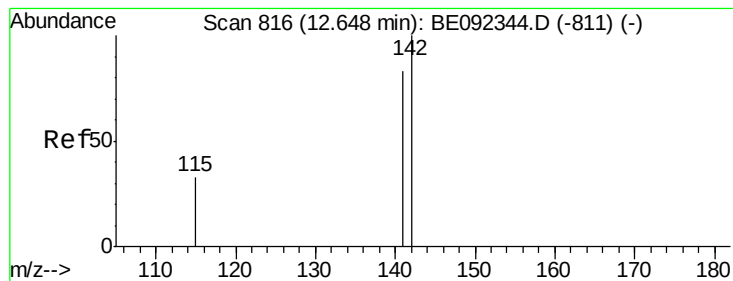


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.41 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092384.D

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Instrument :

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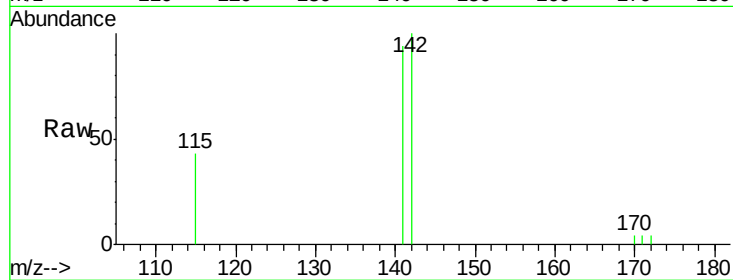
Tgt Ion:142 Resp: 2663

Ion Ratio Lower Upper

142 100

141 93.5 73.7 110.5

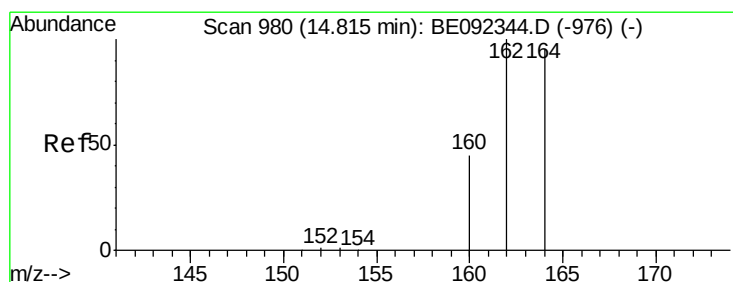
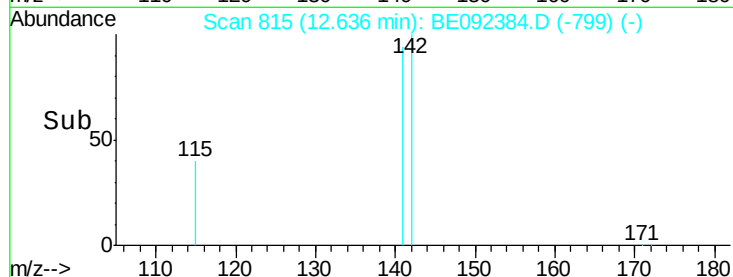
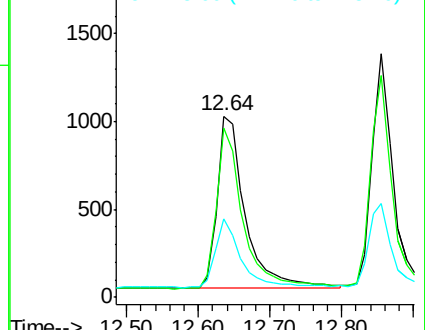
115 43.0 34.0 51.0



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: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

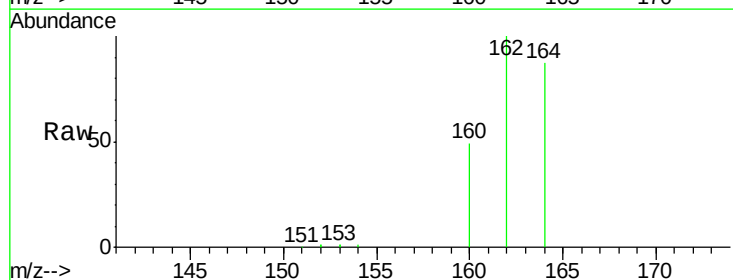
Tgt Ion:164 Resp: 29348

Ion Ratio Lower Upper

164 100

162 114.7 71.4 107.0#

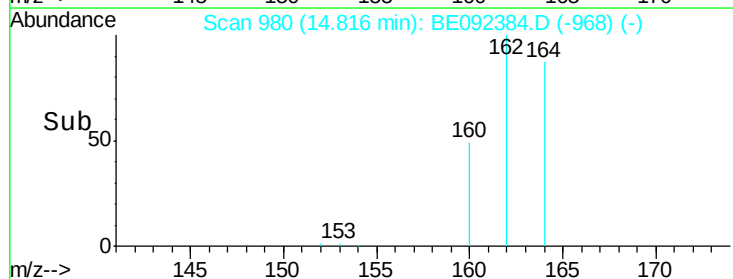
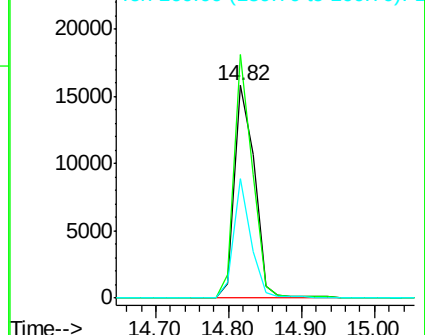
160 56.5 27.4 41.2#

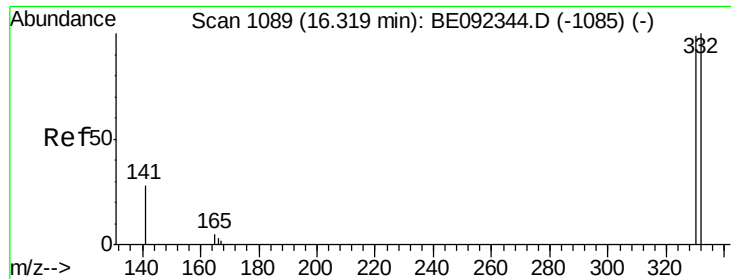


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

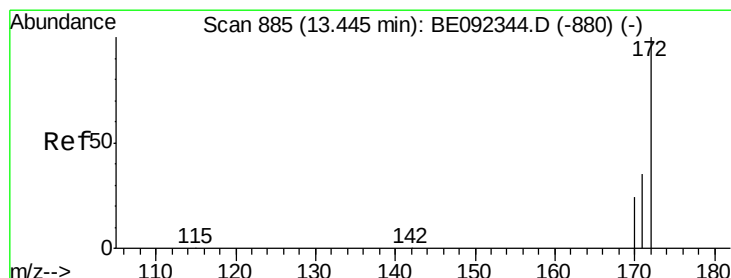
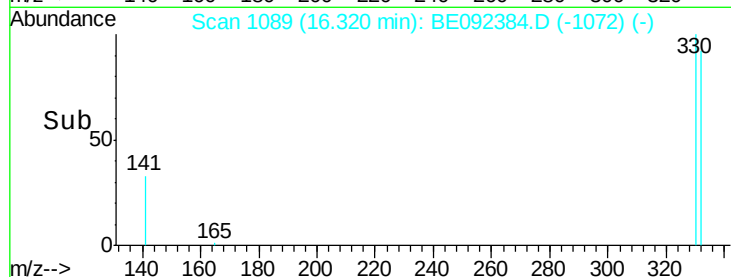
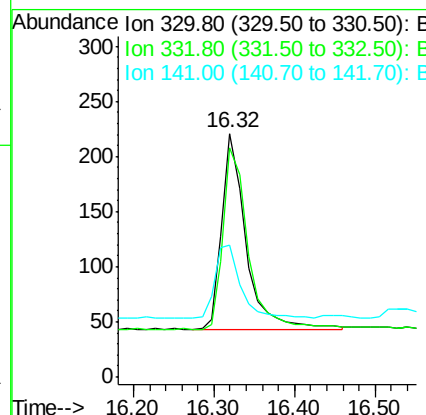
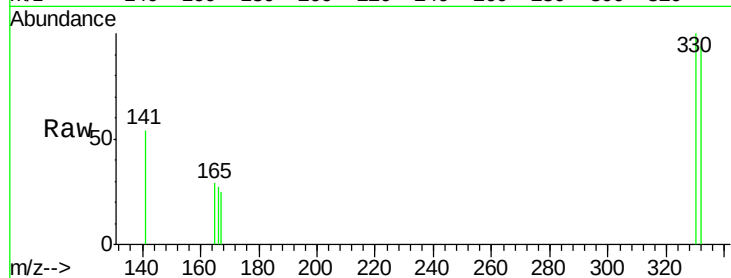




#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

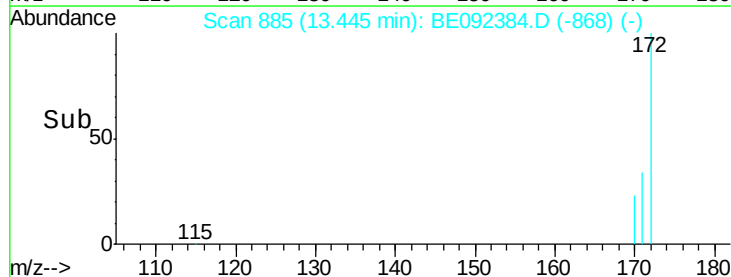
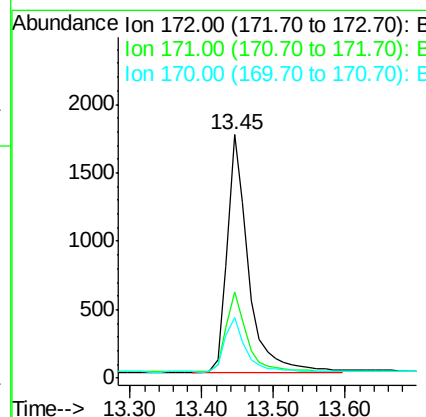
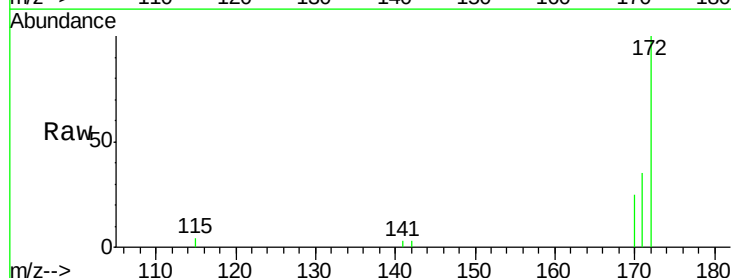
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

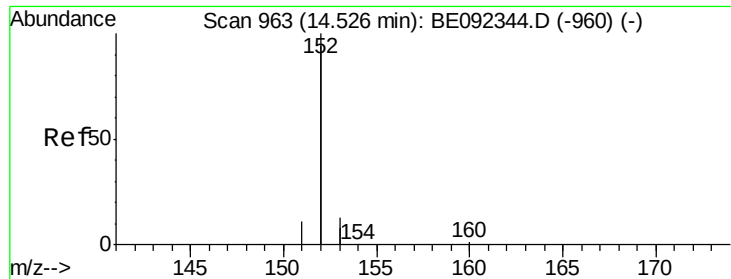
Tgt Ion: 330 Resp: 372
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 40.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.45 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

Tgt Ion: 172 Resp: 3554
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.1 45.1
 170 24.8 21.8 32.6





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

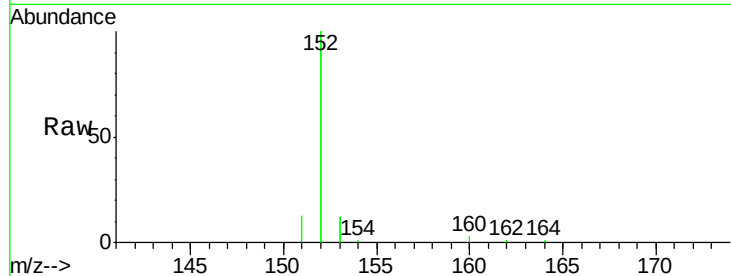
Tgt Ion:152 Resp: 20366

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

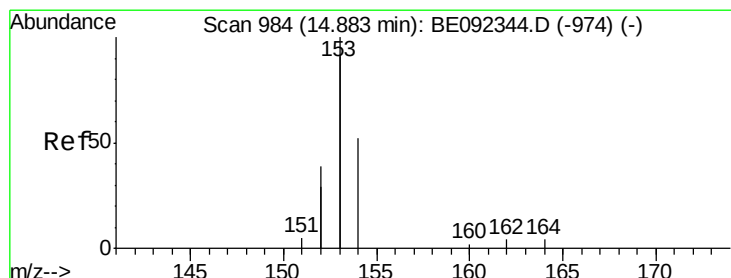
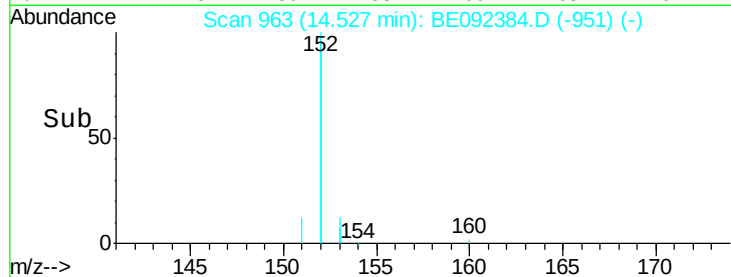
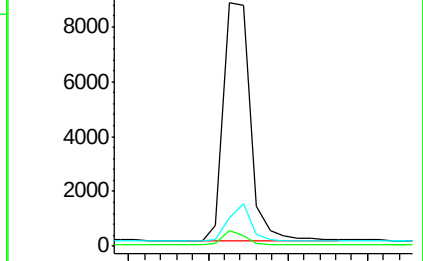
153 12.9 10.4 15.6



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: 0.41 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

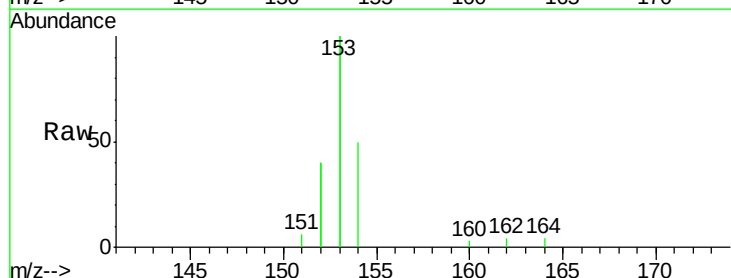
Tgt Ion:154 Resp: 3329

Ion Ratio Lower Upper

154 100

153 439.1 350.8 526.2

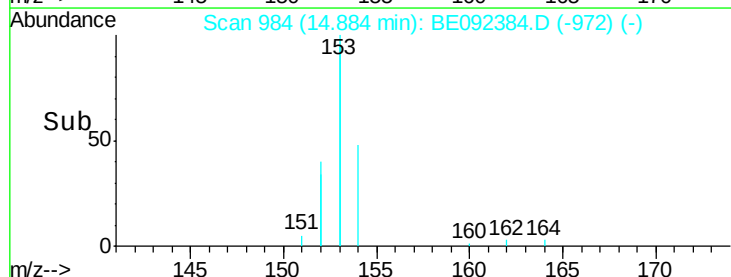
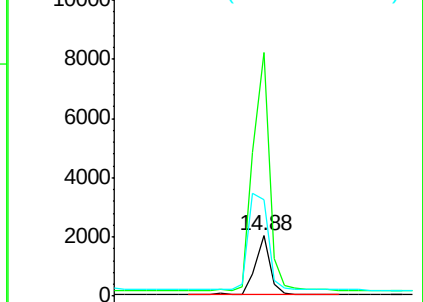
152 214.4 171.1 256.7

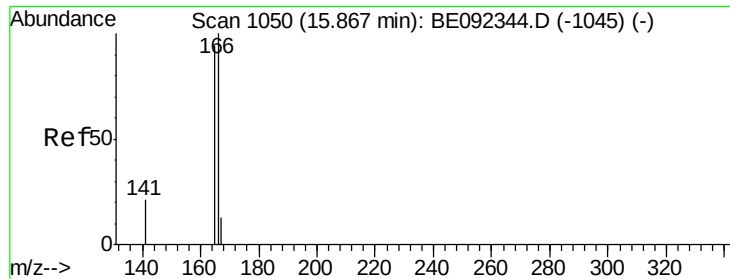


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

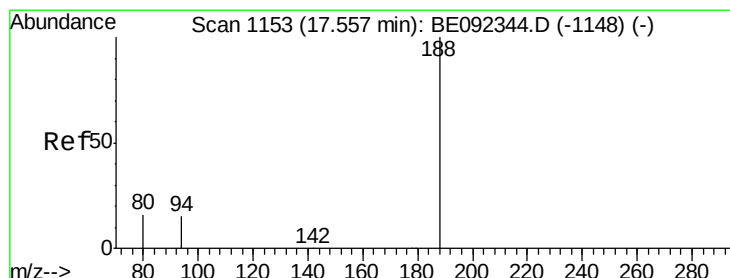
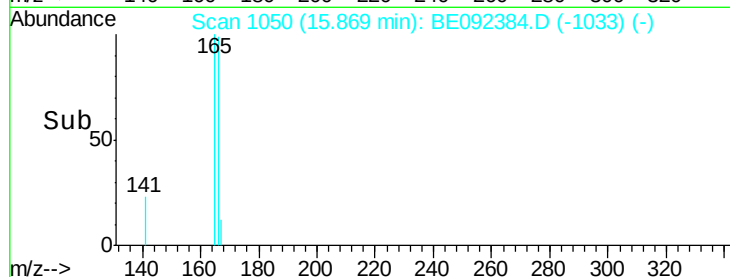
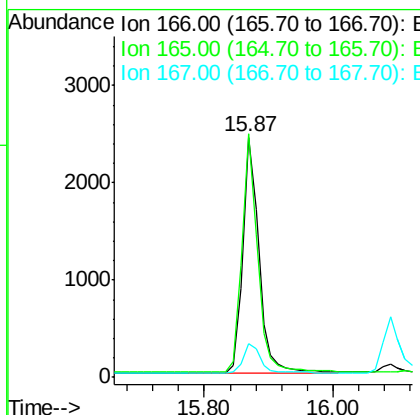
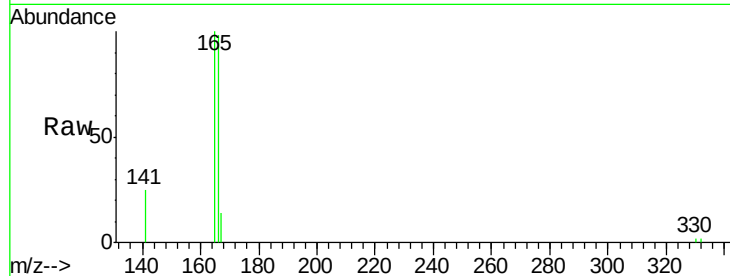




#17
Fluorene
 Concen: 0.41 ng
 RT: 15.87 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

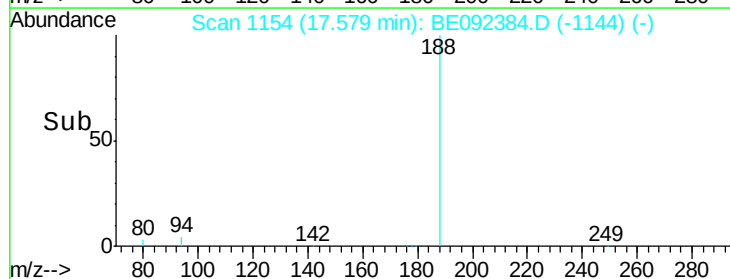
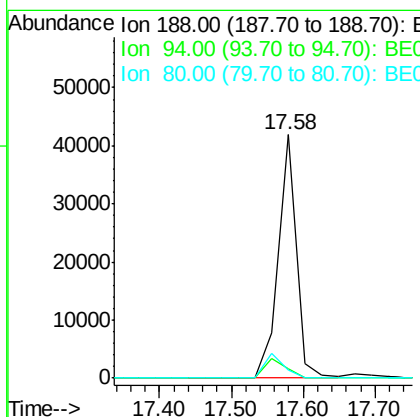
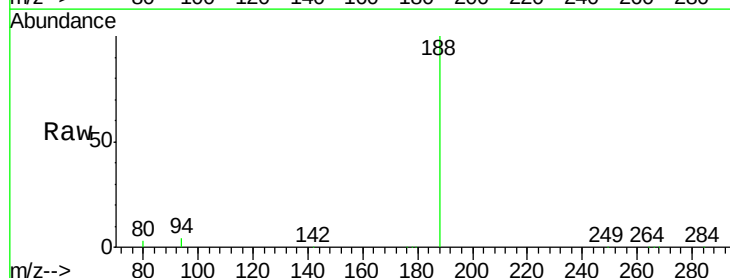
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

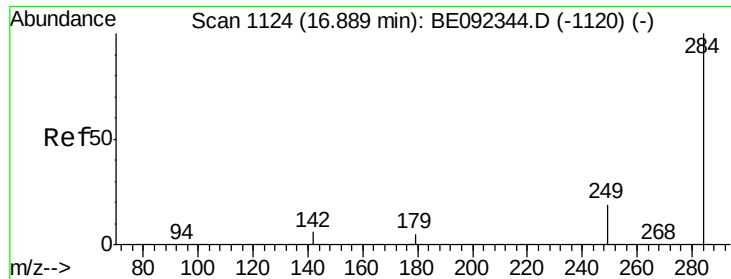
Tgt Ion:166 Resp: 4170
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

Tgt Ion:188 Resp: 73118
 Ion Ratio Lower Upper
 188 100
 94 4.0 3.2 4.8
 80 3.4 2.6 3.8

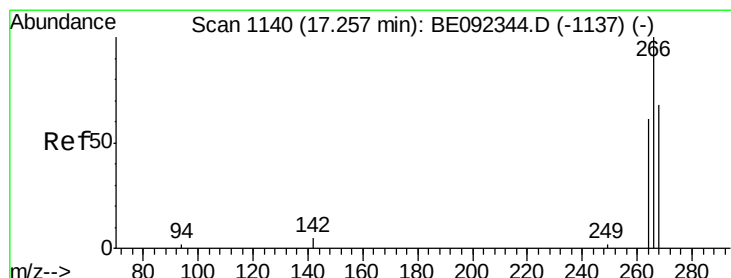
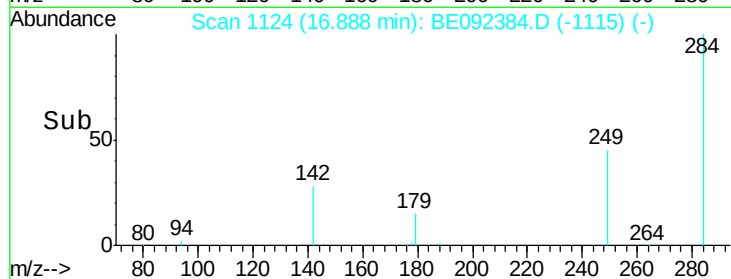
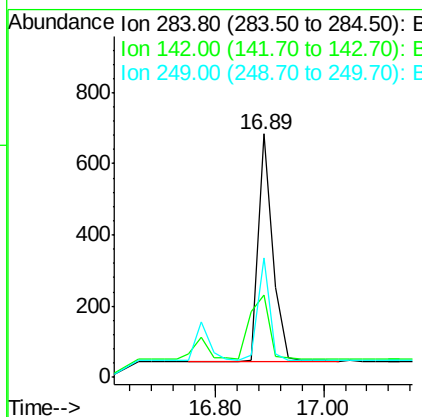
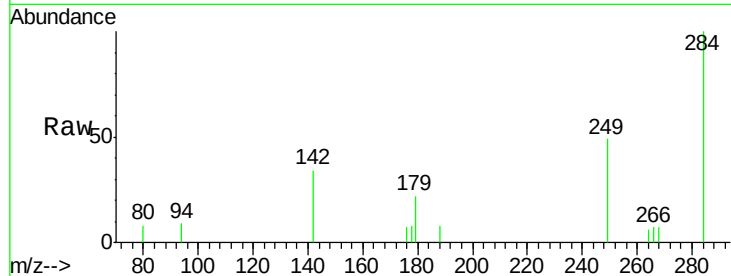




#19
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092384.D
Acq: 16 Sep 2016 9:21

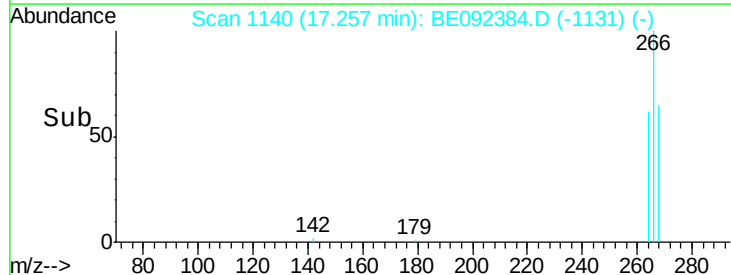
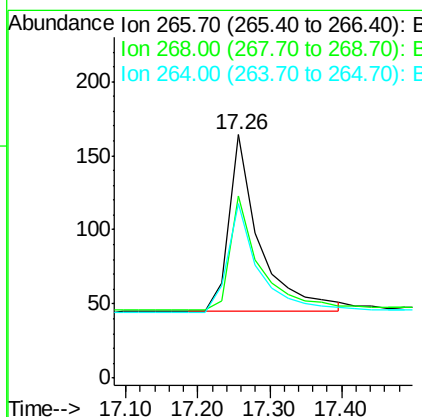
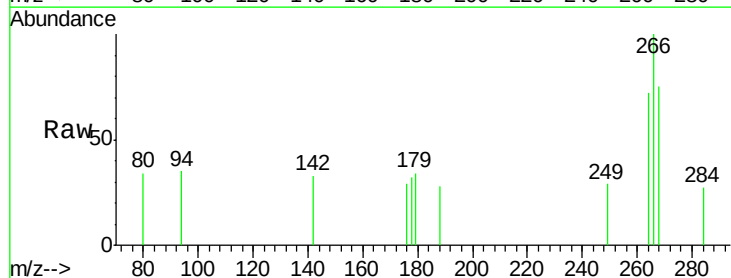
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

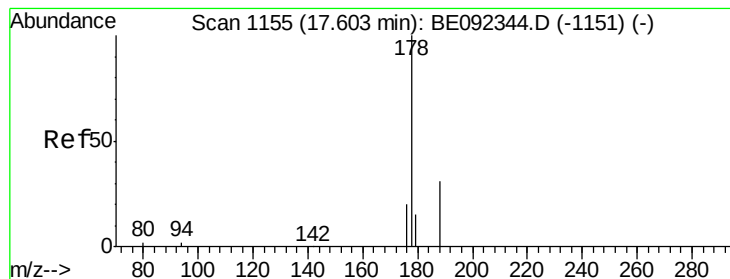
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.1	43.7
249	37.3	27.9	41.9



#20
Pentachlorophenol
Concen: 0.51 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE092384.D
Acq: 16 Sep 2016 9:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	75.0	62.5	93.7
264	72.0	57.2	85.8





#21

Phenanthrene

Concen: 0.34 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

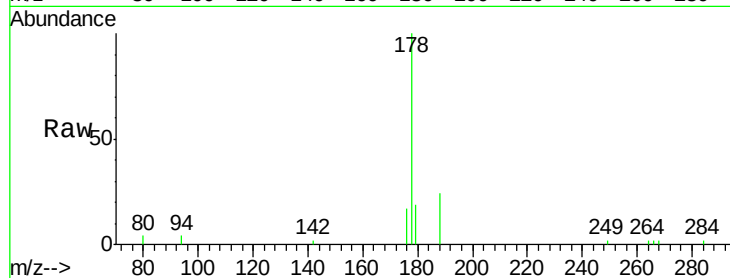
Tgt Ion:178 Resp: 7005

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

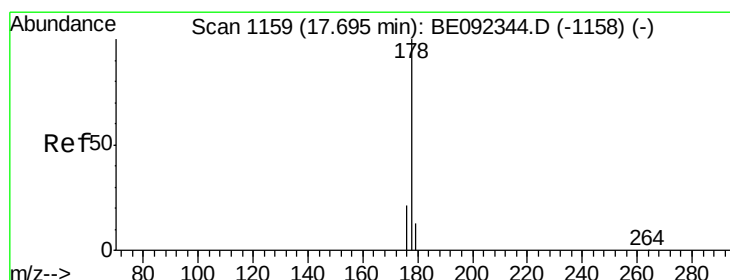
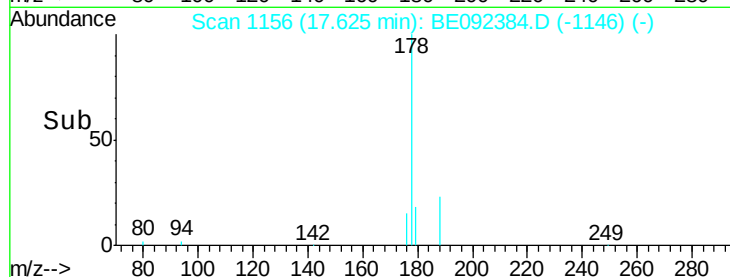
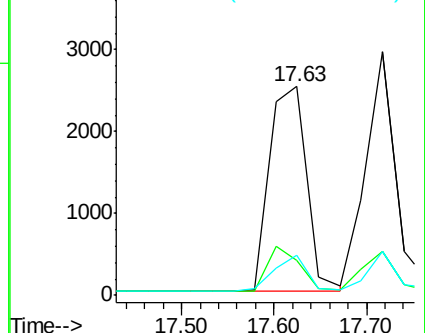
179 15.9 16.0 24.0#



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: 0.35 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

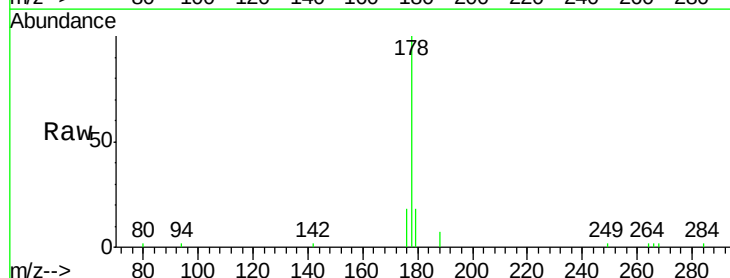
Tgt Ion:178 Resp: 6439

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

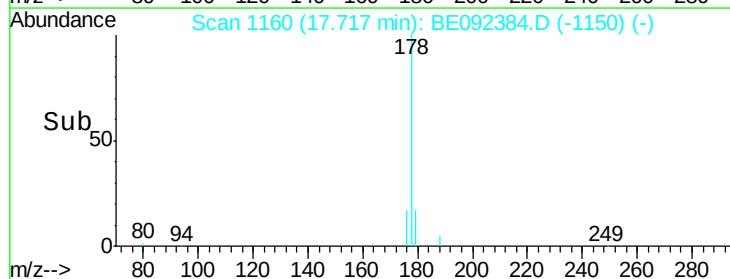
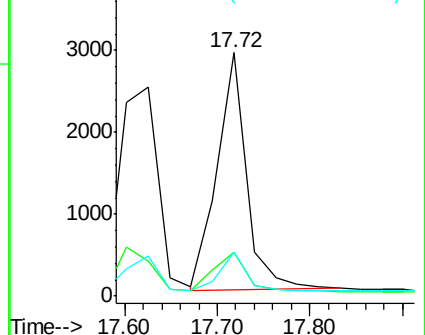
179 15.5 12.2 18.2

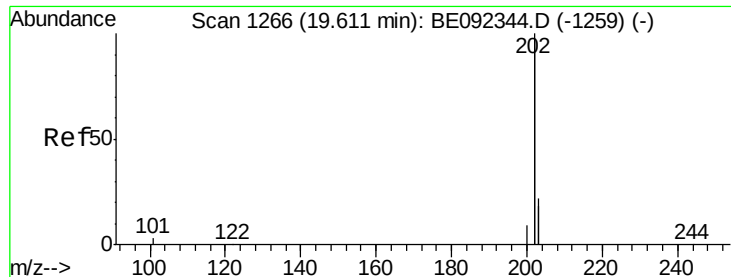


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.37 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

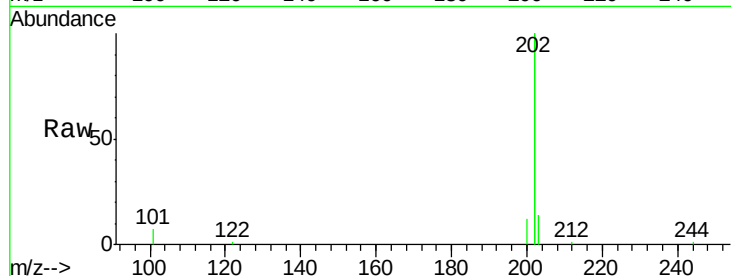
Tgt Ion:202 Resp: 33413

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

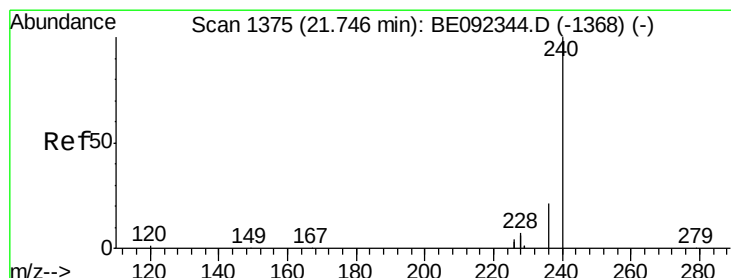
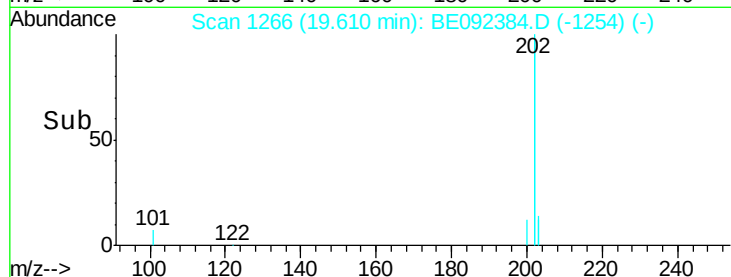
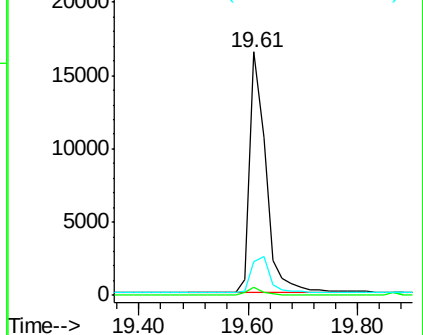
203 17.1 13.7 20.5



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: BE092384.D

Acq: 16 Sep 2016 9:21

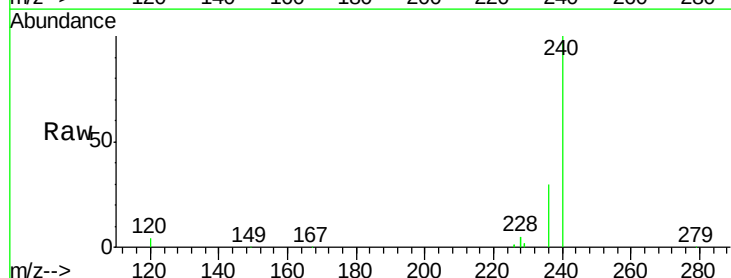
Tgt Ion:240 Resp: 91727

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

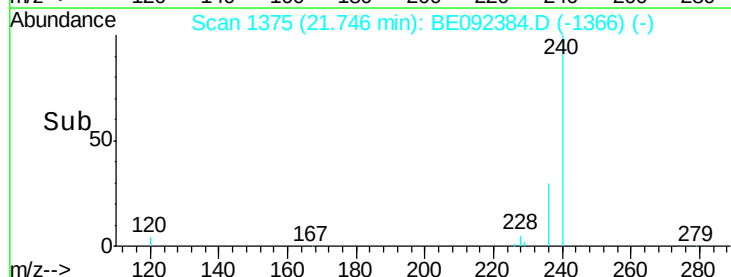
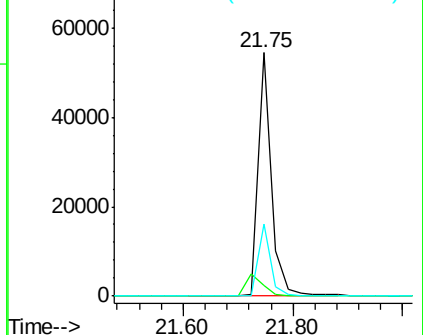
236 29.8 24.6 37.0

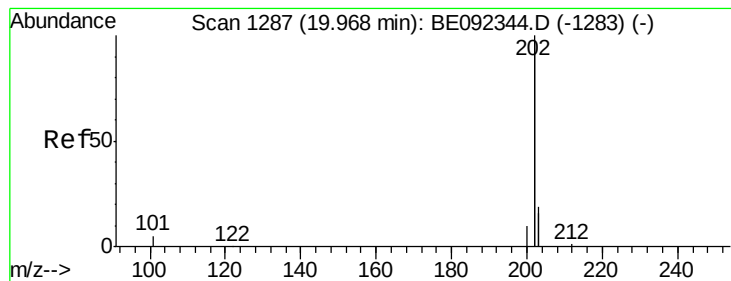


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.40 ng

RT: 19.99 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

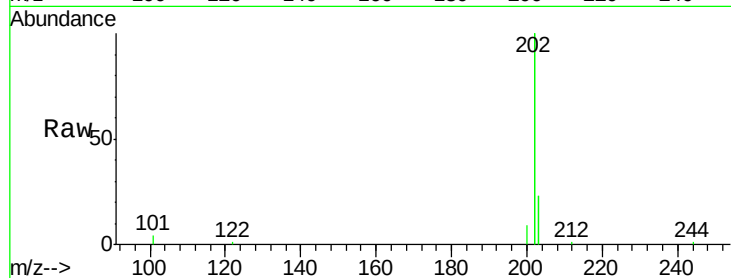
Tgt Ion:202 Resp: 35546

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

203 17.6 13.9 20.9

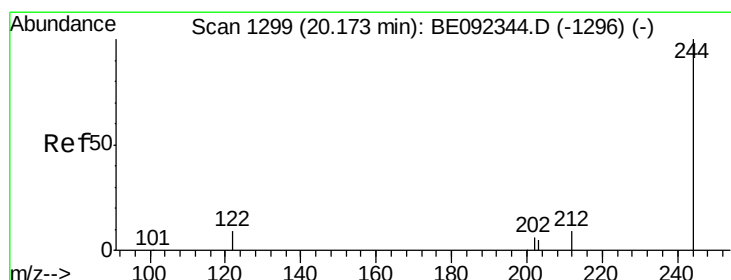
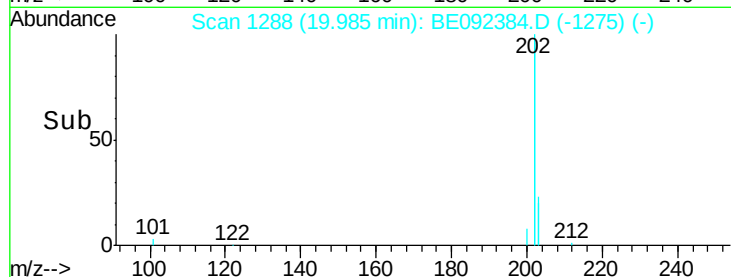
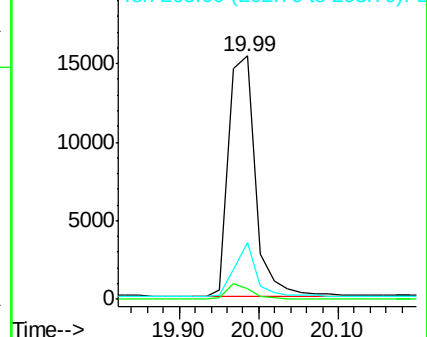


Abundance

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



#26

Terphenyl-d14

Concen: 0.38 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

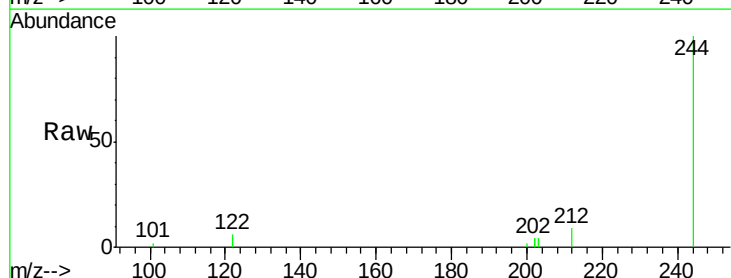
Tgt Ion:244 Resp: 5125

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

122 5.6 3.6 5.4#

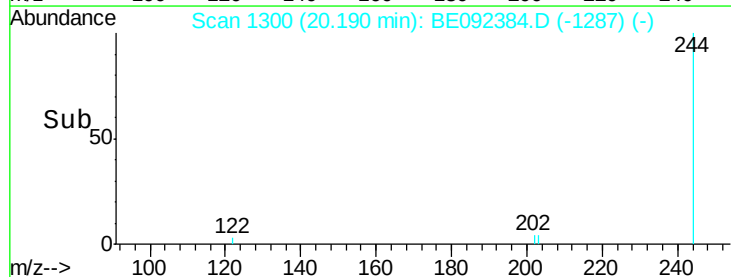
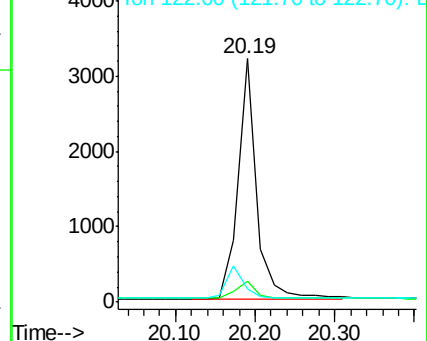


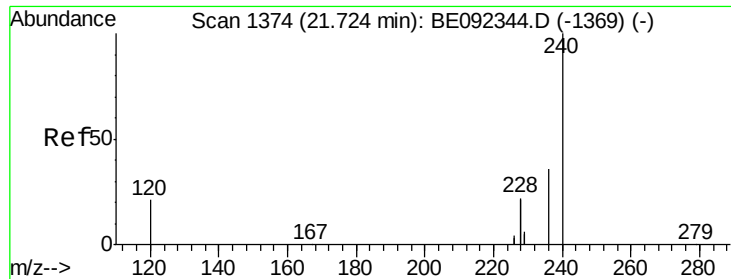
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

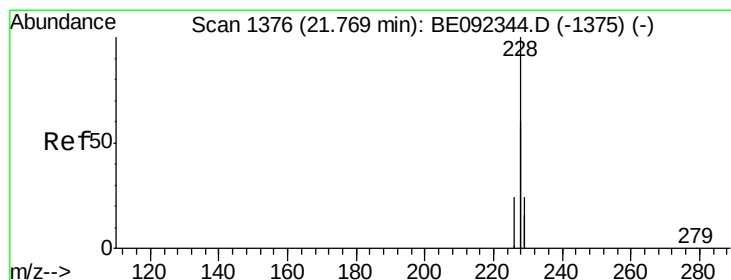
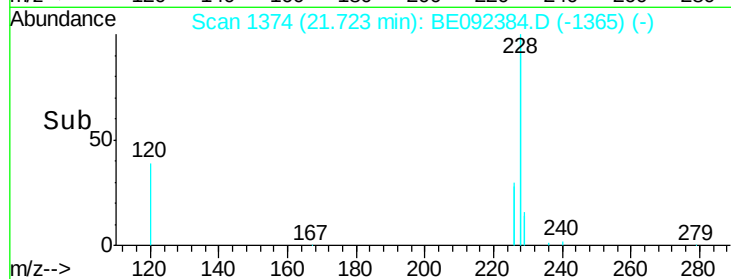
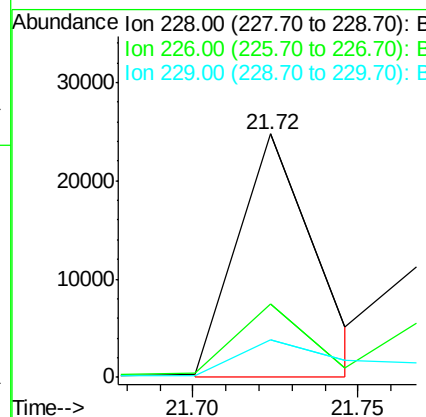
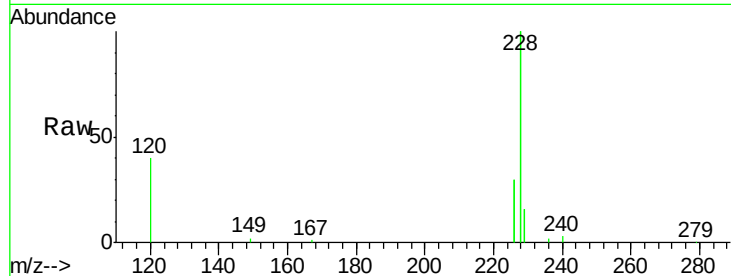




#27
Benzo(a)anthracene
Concen: 0.41 ng m
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092384.D
Acq: 16 Sep 2016 9:21

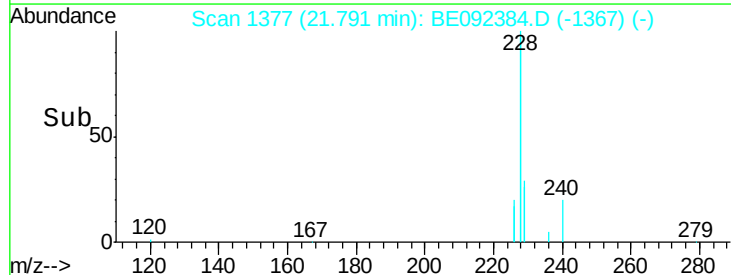
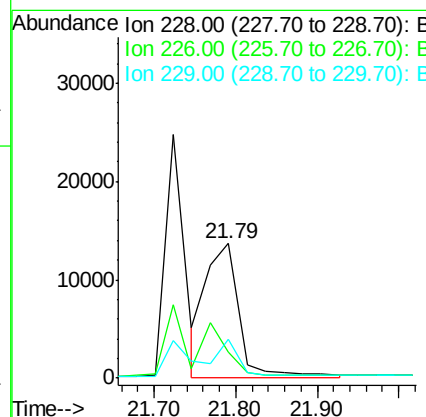
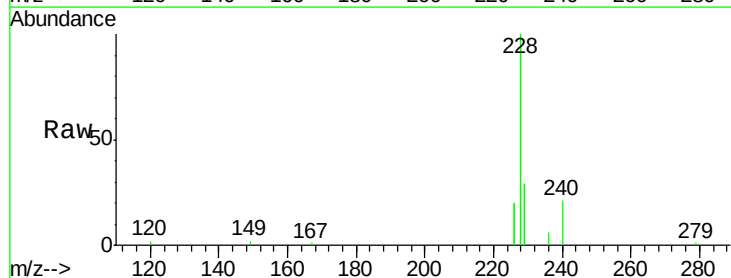
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

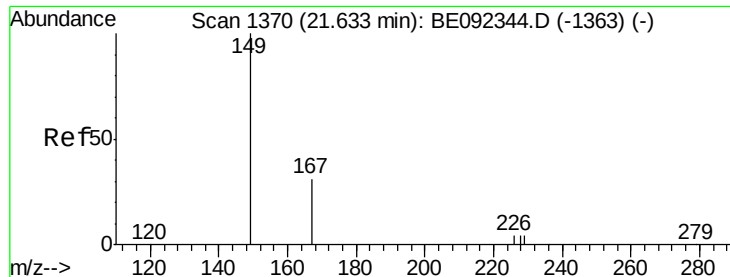
Tgt Ion:228 Resp: 40557
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 15.6 13.3 19.9



#28
Chrysene
Concen: 0.32 ng m
RT: 21.79 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE092384.D
Acq: 16 Sep 2016 9:21

Tgt Ion:228 Resp: 39304
Ion Ratio Lower Upper
228 100
226 19.7 36.3 54.5#
229 29.2 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

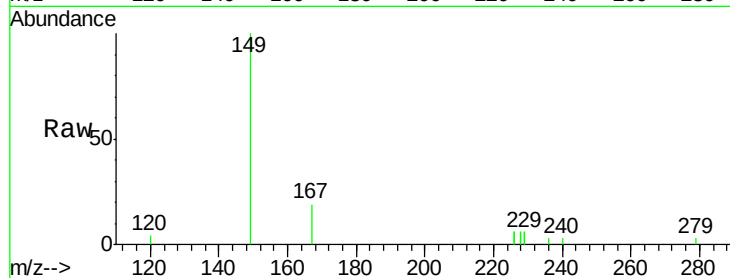
Tgt Ion:149 Resp: 4149

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

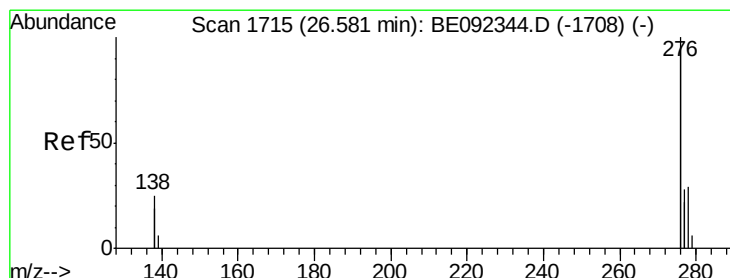
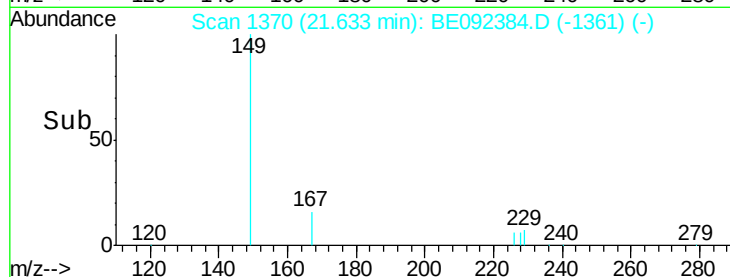
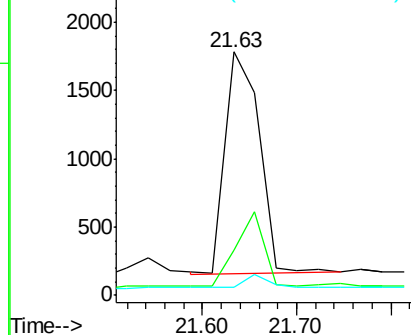
279 0.0 16.0 24.0#



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: 0.38 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.05 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

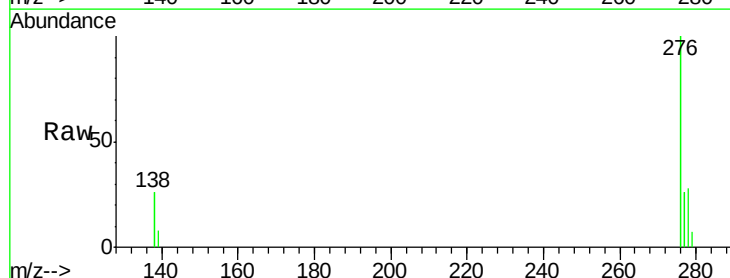
Tgt Ion:276 Resp: 39835

Ion Ratio Lower Upper

276 100

138 26.7 20.3 30.5

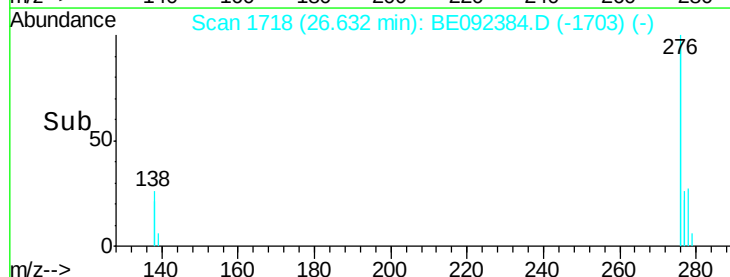
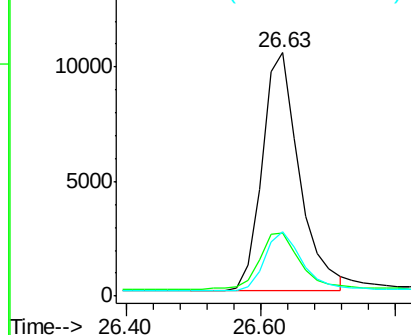
277 24.6 19.7 29.5

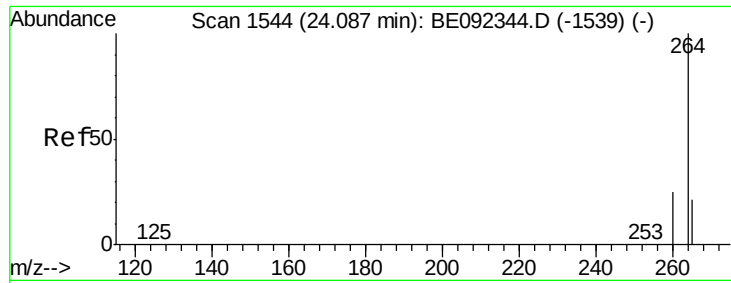


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

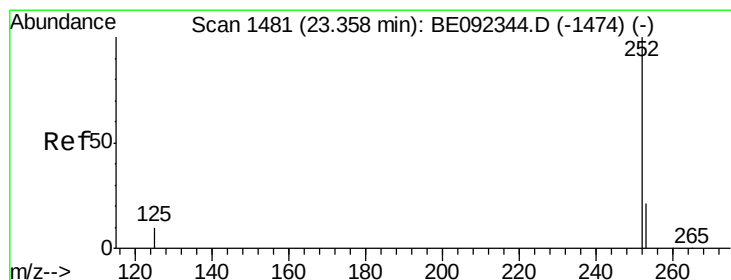
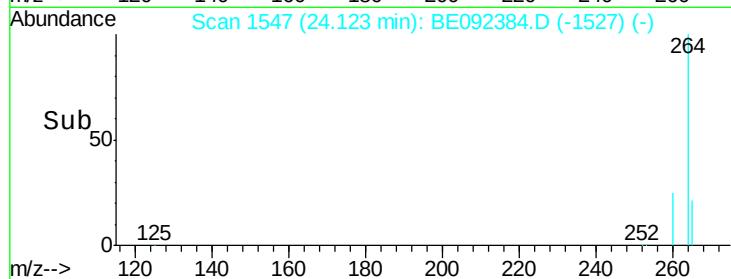
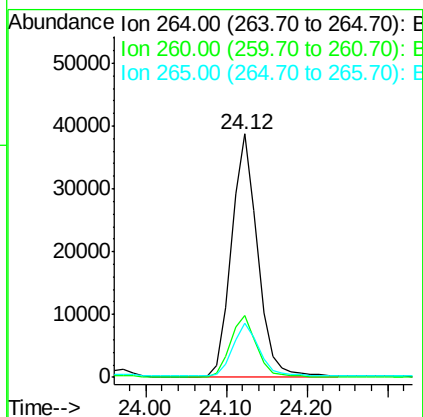
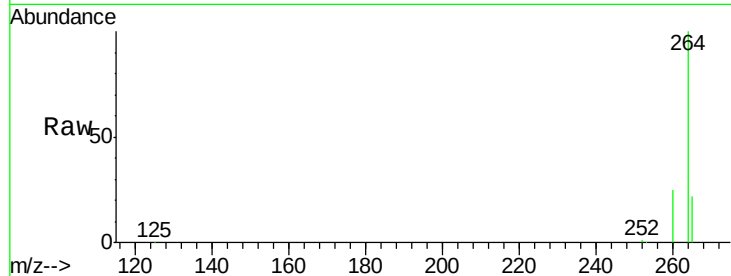




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

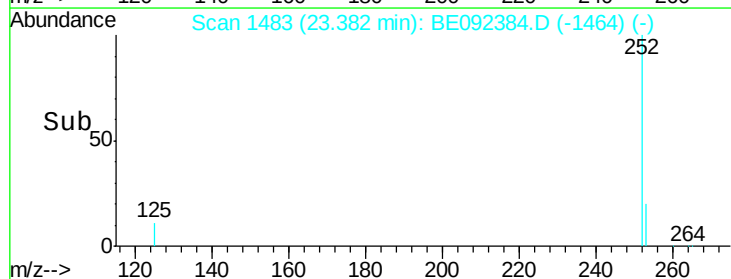
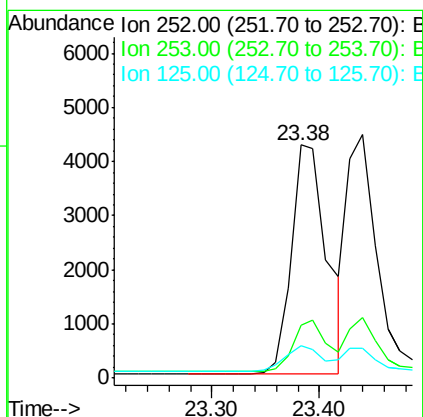
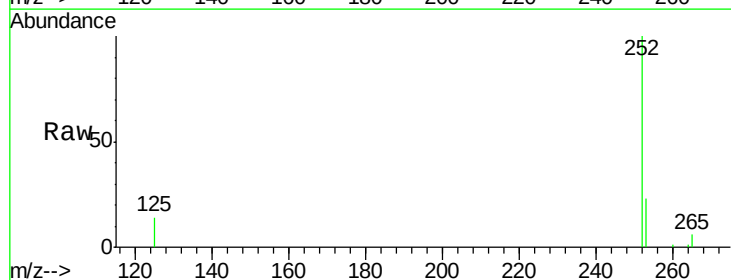
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

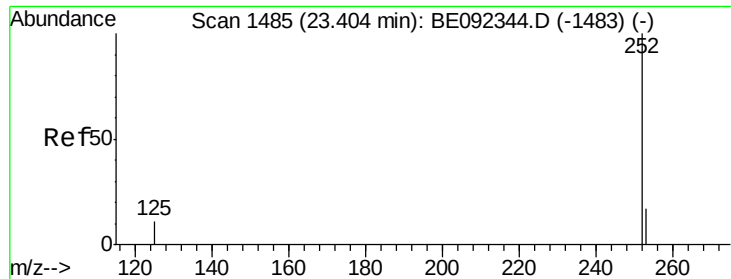
Tgt Ion: 264 Resp: 86651
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 22.0 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.44 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092384.D
 Acq: 16 Sep 2016 9:21

Tgt Ion: 252 Resp: 9769
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.7 28.1
 125 14.1 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.04 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

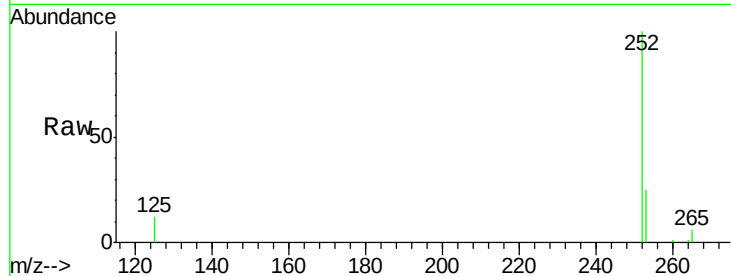
Tgt Ion:252 Resp: 8708

Ion Ratio Lower Upper

252 100

253 24.9 20.3 30.5

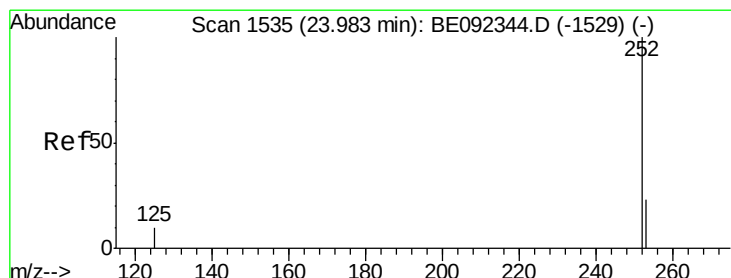
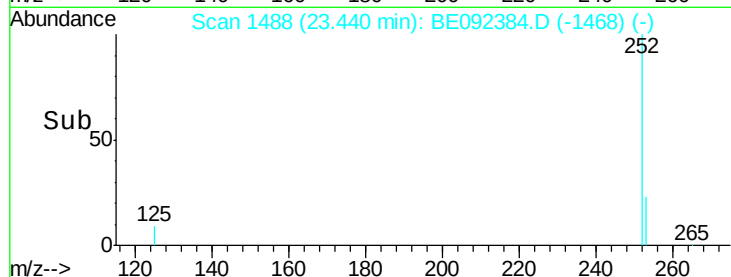
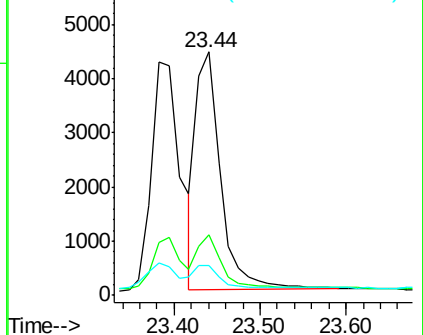
125 12.0 9.6 14.4



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: 0.41 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

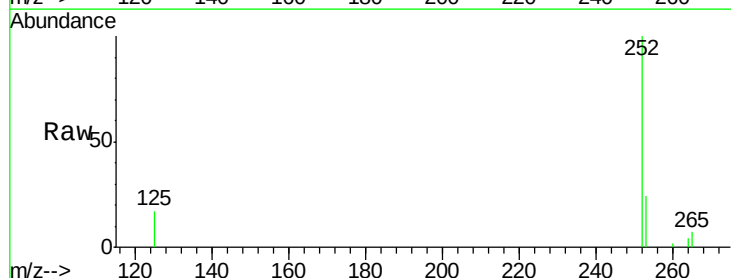
Tgt Ion:252 Resp: 8943

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

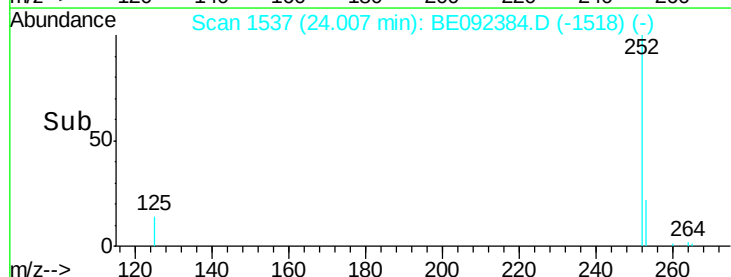
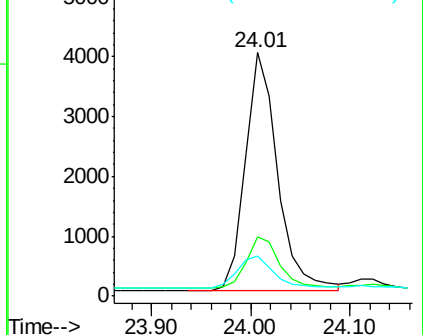
125 16.6 11.8 17.8

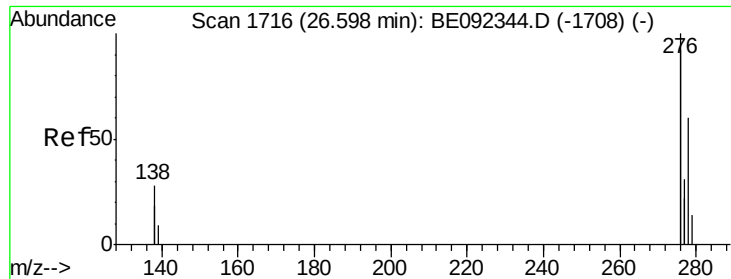


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

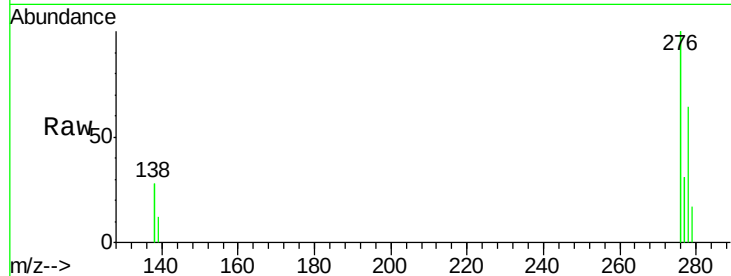
Tgt Ion: 278 Resp: 8164

Ion Ratio Lower Upper

278 100

139 19.0 13.8 20.8

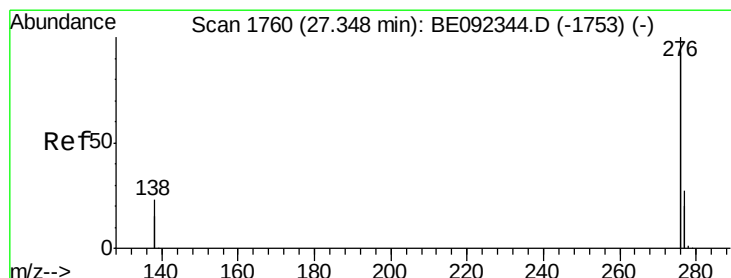
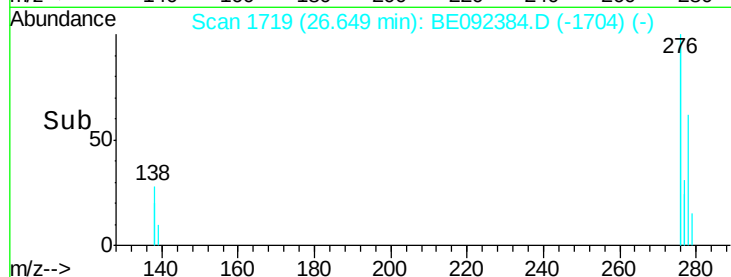
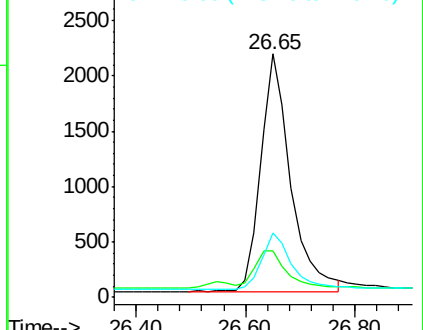
279 26.3 21.4 32.2



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: 0.41 ng

RT: 27.40 min Scan# 1763

Delta R.T. 0.05 min

Lab File: BE092384.D

Acq: 16 Sep 2016 9:21

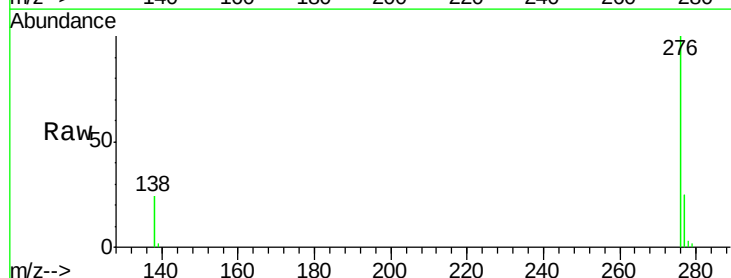
Tgt Ion: 276 Resp: 34969

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 24.0 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

