

Data File : BE092972.D
Acq On : 9 May 2017 20:26
Operator : SJ/MA
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: May 10 02:15:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 02:13:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	778	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3364	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1782	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4397	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4750	0.40	ng	0.00
33) Perylene-d12	23.70	264	3575	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	7018	3.86	ng	0.00
5) Phenol-d6	6.94	99	9614	3.85	ng	0.00
8) Nitrobenzene-d5	8.90	82	9091	3.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	15896	3.22	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	1745	5.76	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	22614	2.84	ng	0.00
24) Fluoranthene-d10	19.15	212	35714	3.47	ng	0.00
28) Terphenyl-d14	19.74	244	25009	3.07	ng	0.00

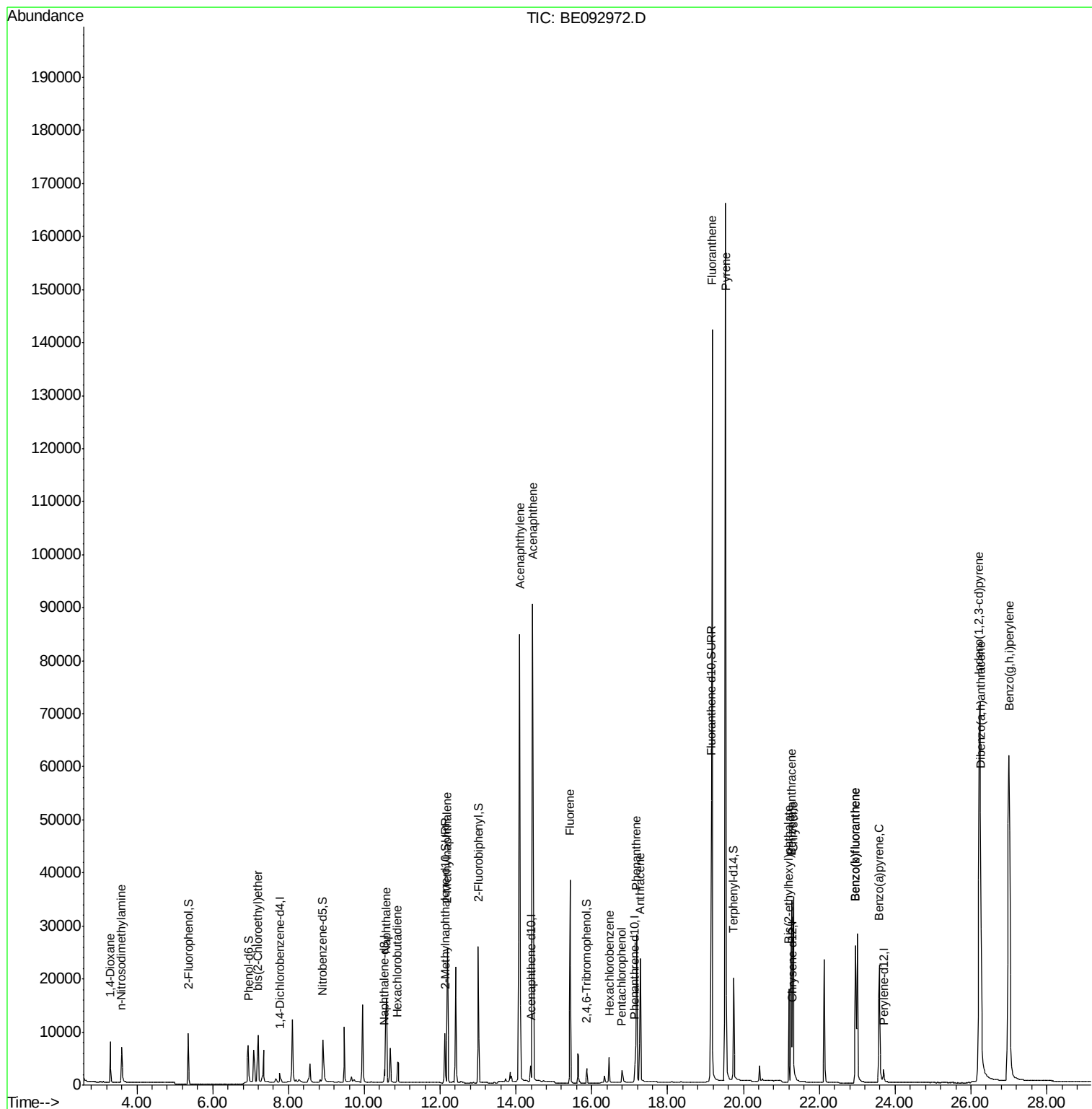
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	4639	3.09	ng	97
3) n-Nitrosodimethylamine	3.59	42	4551	3.82	ng	# 99
6) bis(2-Chloroethyl)ether	7.20	93	8812	3.11	ng	# 98
9) Naphthalene	10.58	128	28109	3.12	ng	95
10) Hexachlorobutadiene	10.87	225	3902	3.14	ng	99
12) 2-Methylnaphthalene	12.19	142	17865	3.28	ng	98
16) Acenaphthylene	14.10	152	111545	3.90	ng	99
17) Acenaphthene	14.44	154	18470	3.28	ng	95
18) Fluorene	15.43	166	22623	3.26	ng	99
20) Hexachlorobenzene	16.47	284	5985	3.14	ng	# 100
21) Pentachlorophenol	16.79	266	2133	5.39	ng	# 75
22) Phenanthrene	17.18	178	36237	2.94	ng	99
23) Anthracene	17.27	178	33019	3.49	ng	99
25) Fluoranthene	19.17	202	188246	3.50	ng	# 99
27) Pyrene	19.53	202	202675	3.29	ng	# 100
29) Benzo(a)anthracene	21.27	228	41360	3.70	ng	96
30) Chrysene	21.32	228	45793	3.21	ng	98
31) Bis(2-ethylhexyl)phthalate	21.20	149	17831	5.37	ng	97
32) Indeno(1,2,3-cd)pyrene	26.22	276	162211	3.15	ng	99
34) Benzo(b)fluoranthene	22.95	252	37354	3.21	ng	94
35) Benzo(k)fluoranthene	22.95	252	37354	3.16	ng	93
36) Benzo(a)pyrene	23.58	252	35343	3.63	ng	# 93
37) Dibenzo(a,h)anthracene	26.25	278	35204	3.25	ng	# 90
38) Benzo(g,h,i)perylene	27.00	276	146070	3.17	ng	95

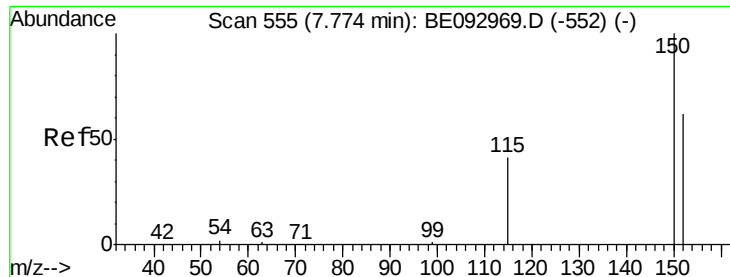
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

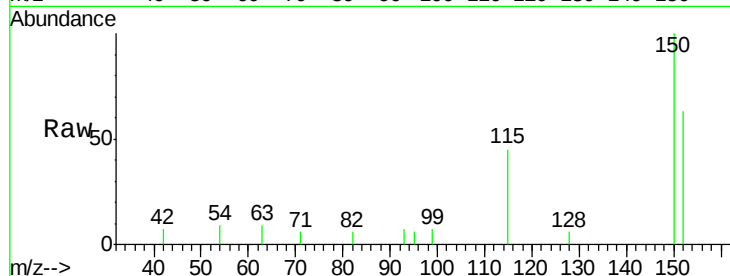
Tgt Ion:152 Resp: 778

Ion Ratio Lower Upper

152 100

150 157.9 125.1 187.7

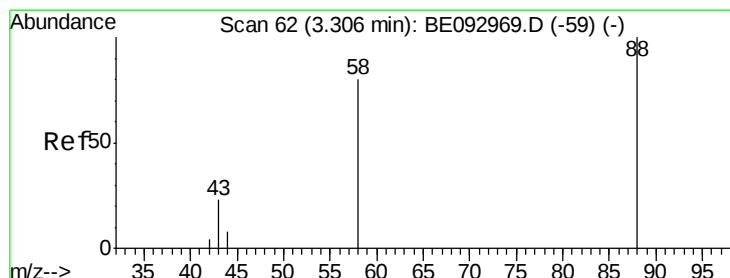
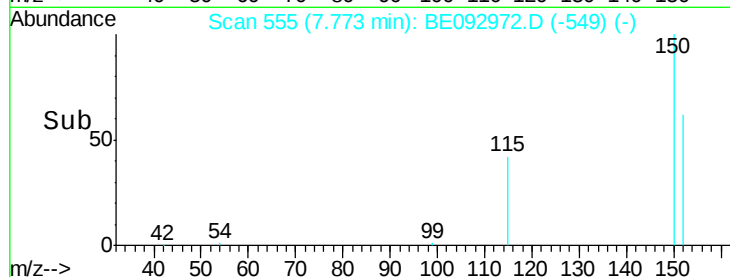
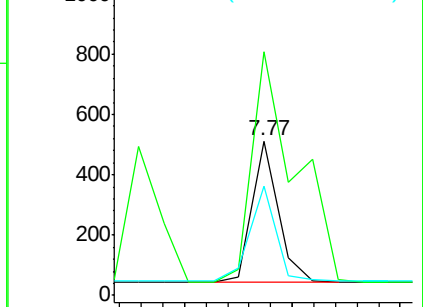
115 71.0 55.7 83.5



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: 3.09 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

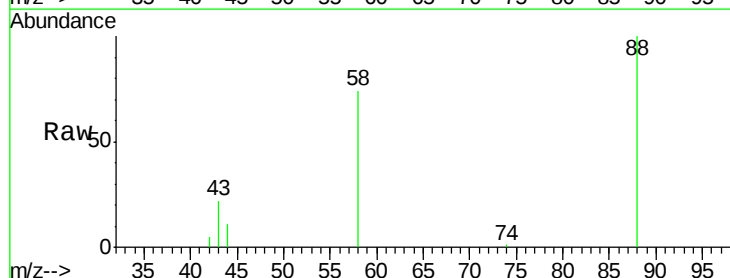
Tgt Ion: 88 Resp: 4639

Ion Ratio Lower Upper

88 100

58 80.3 62.2 93.4

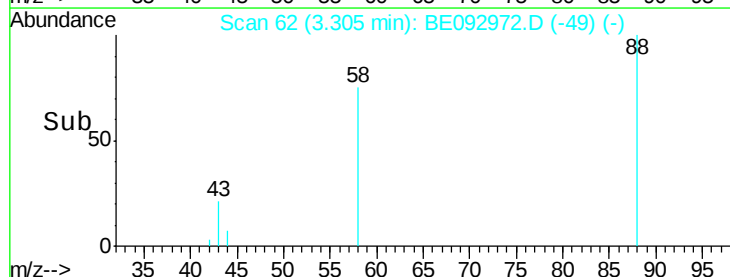
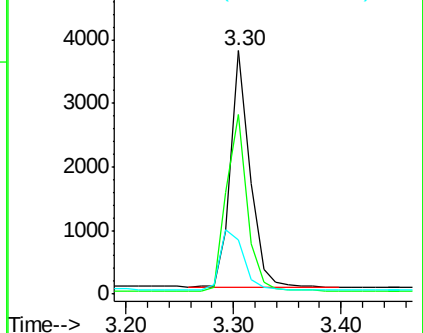
43 30.5 23.2 34.8

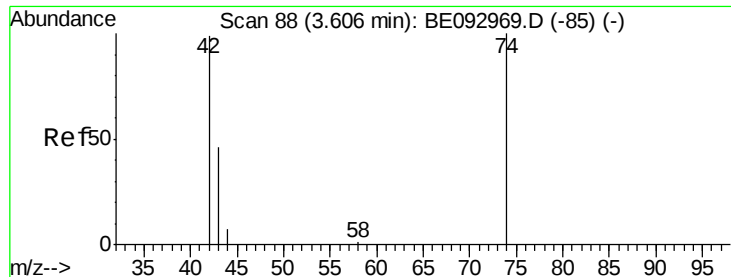


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.82 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

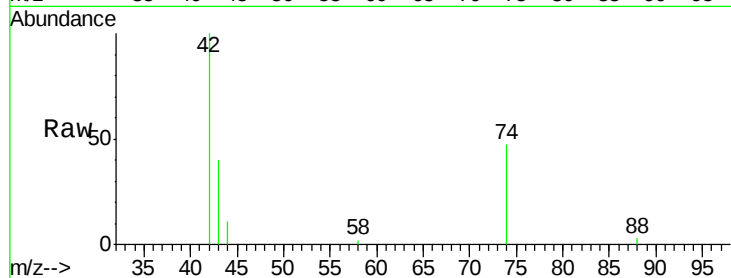
Tgt Ion: 42 Resp: 4551

Ion Ratio Lower Upper

42 100

74 124.1 99.1 148.7

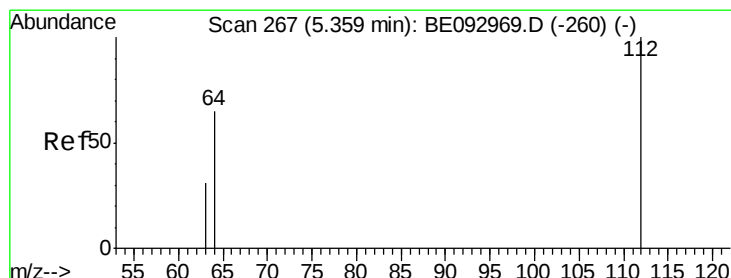
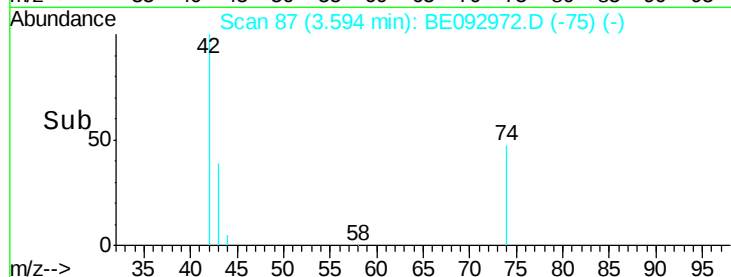
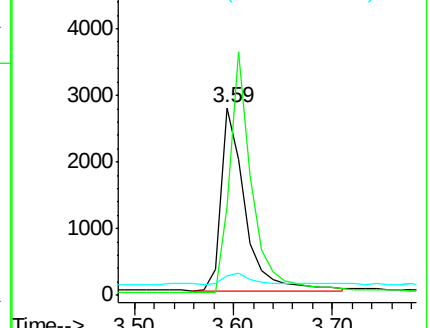
44 6.7 7.4 11.2#



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: 3.86 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

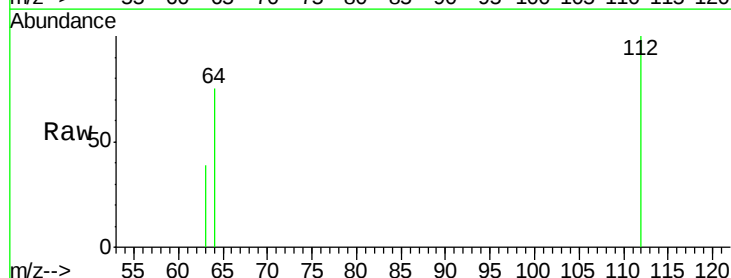
Tgt Ion: 112 Resp: 7018

Ion Ratio Lower Upper

112 100

64 71.3 56.4 84.6

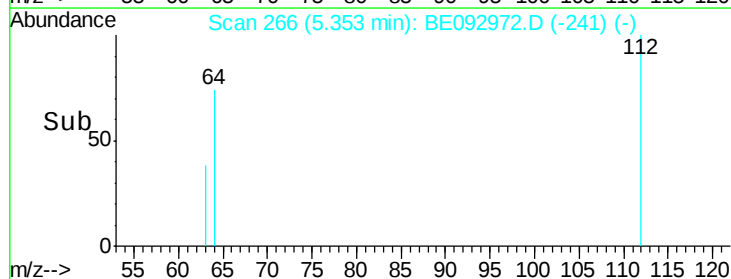
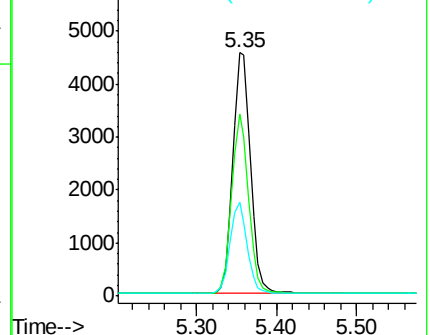
63 36.7 29.3 43.9

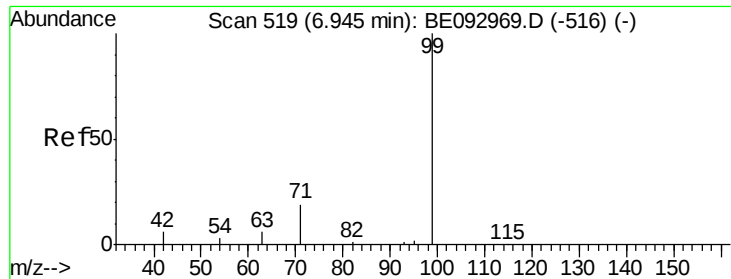


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.85 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

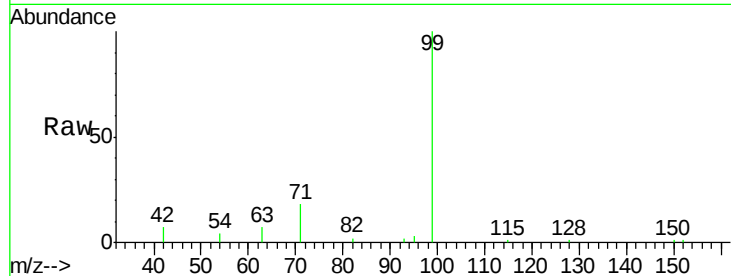
Tgt Ion: 99 Resp: 9614

Ion Ratio Lower Upper

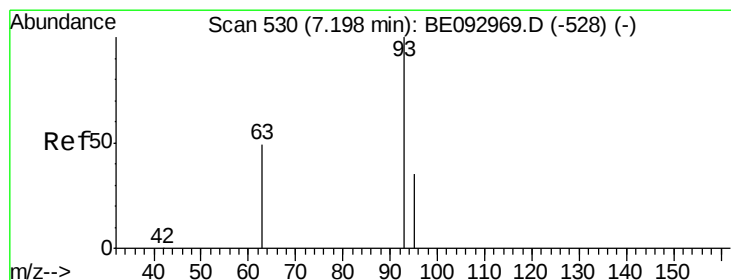
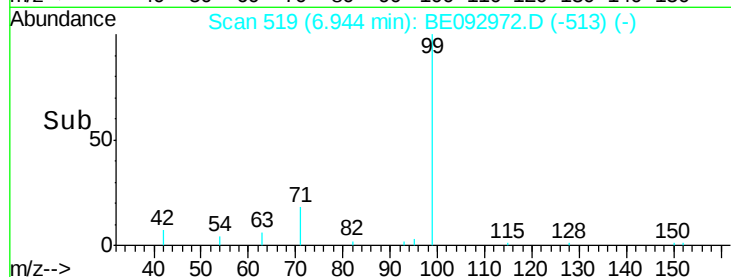
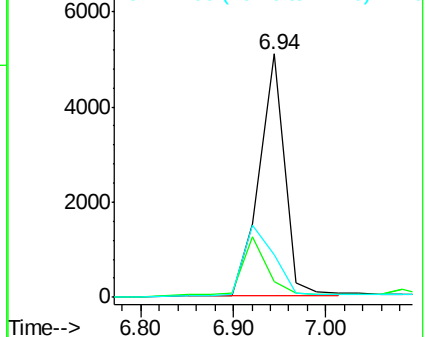
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.11 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

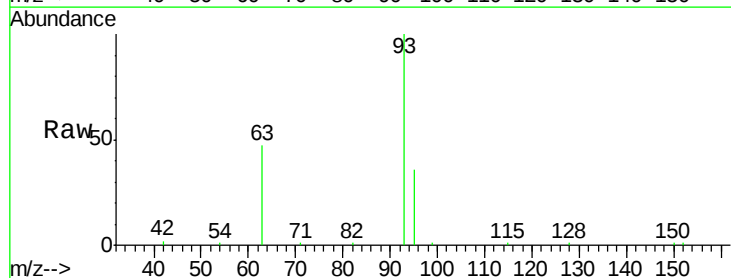
Tgt Ion: 93 Resp: 8812

Ion Ratio Lower Upper

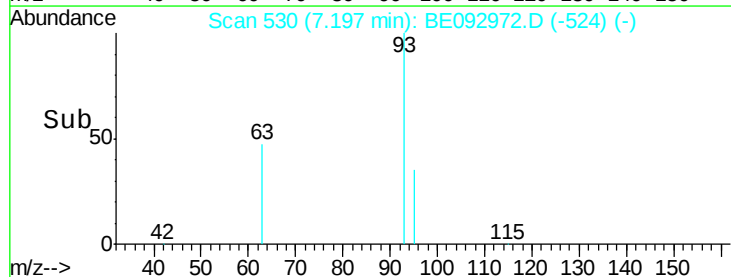
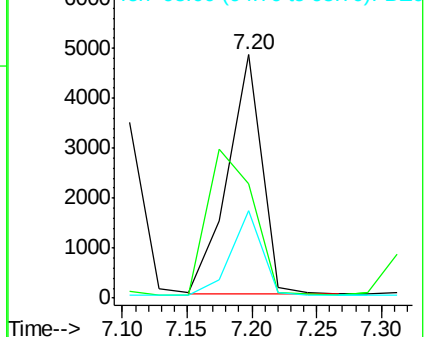
93 100

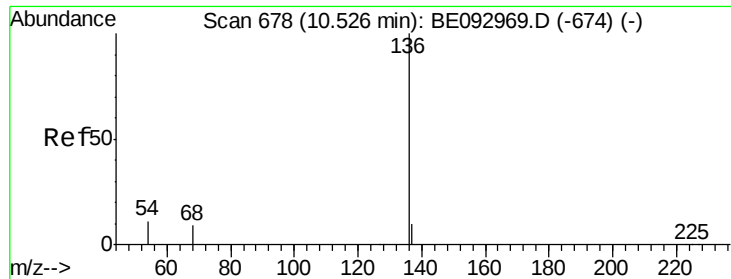
63 0.0 0.0 0.0

95 32.7 25.4 38.0



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

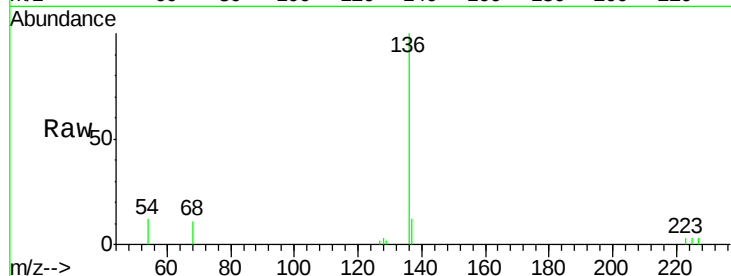




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092972.D
Acq: 9 May 2017 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:	136	Resp:	3364
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	12.0	10.3	15.5
68	10.6	9.0	13.4

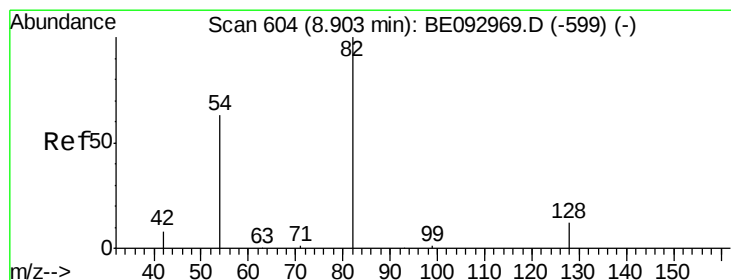
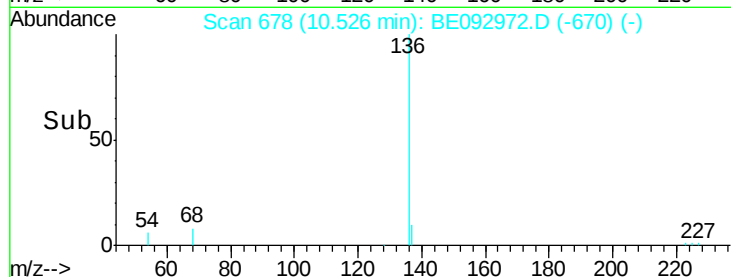
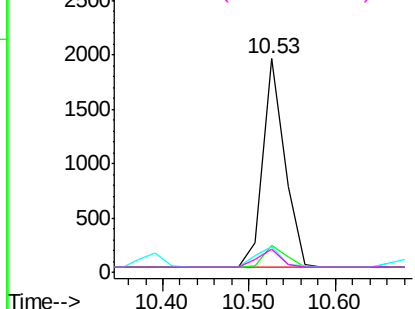


Abundance Ion 136.00 (135.70 to 136.70): BE092972.D (-670) (-)

Ion 137.00 (136.70 to 137.70): BE092972.D (-670) (-)

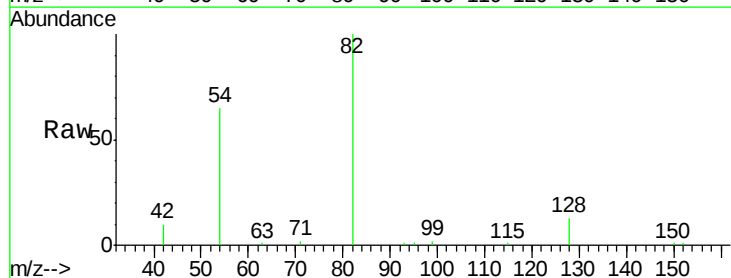
Ion 54.00 (53.70 to 54.70): BE092972.D (-670) (-)

Ion 68.00 (67.70 to 68.70): BE092972.D (-670) (-)



#8
Nitrobenzene-d5
Concen: 3.89 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092972.D
Acq: 9 May 2017 20:26

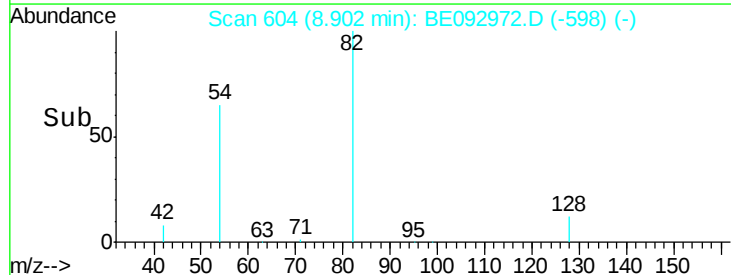
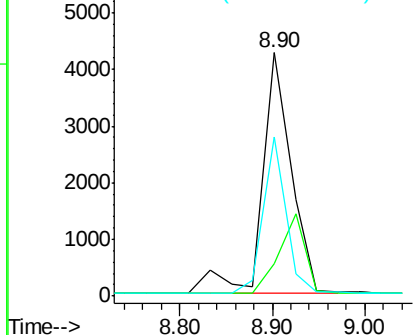
Tgt Ion:	82	Resp:	9091
Ion	Ratio	Lower	Upper
82	100		
128	13.1	17.0	25.4#
54	65.1	53.8	80.6

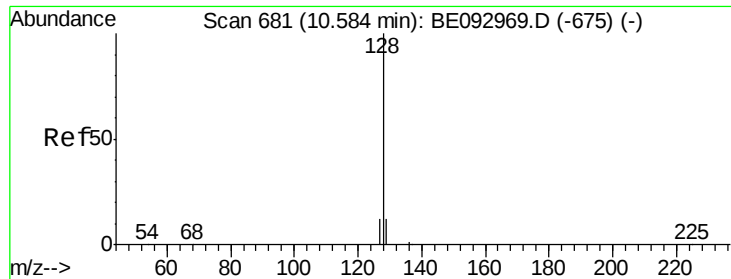


Abundance Ion 82.00 (81.70 to 82.70): BE092972.D (-598) (-)

Ion 128.00 (127.70 to 128.70): BE092972.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE092972.D (-598) (-)





#9

Naphthalene

Concen: 3.12 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

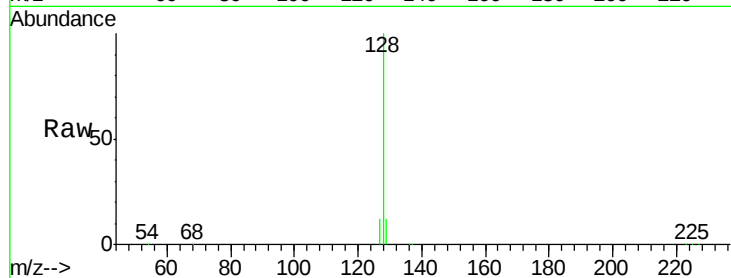
Tgt Ion:128 Resp: 28109

Ion Ratio Lower Upper

128 100

129 12.2 11.4 17.0

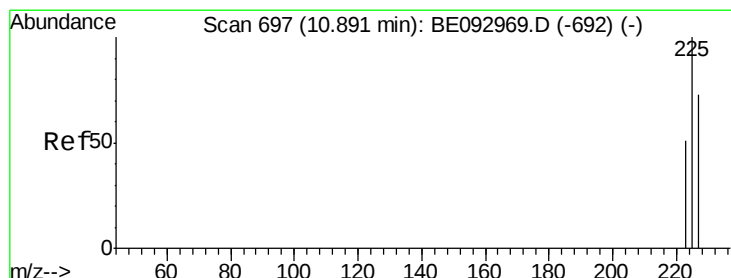
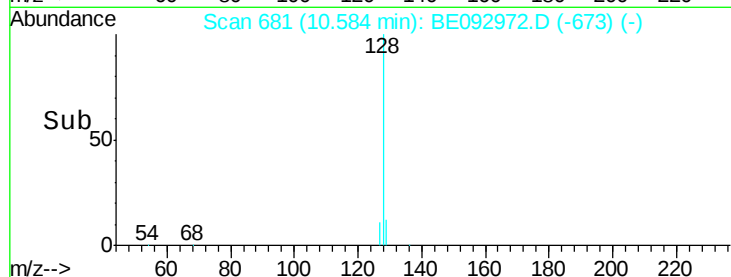
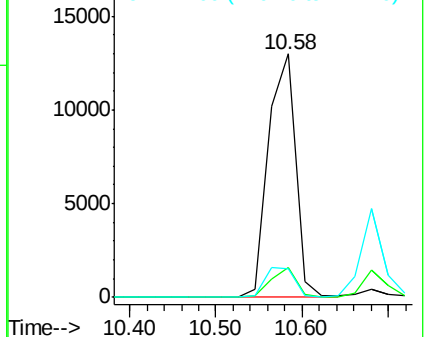
127 11.5 11.2 16.8



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: 3.14 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

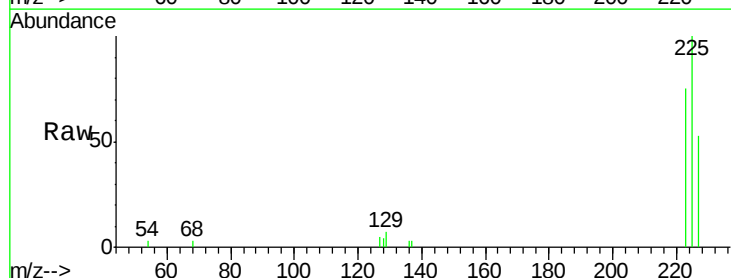
Tgt Ion:225 Resp: 3902

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

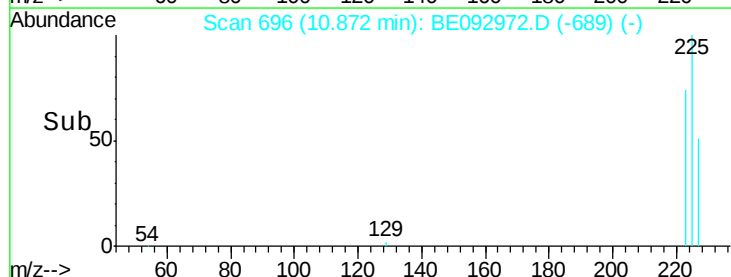
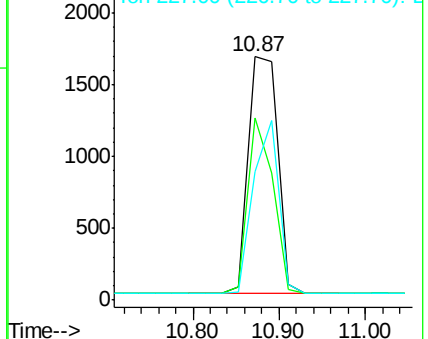
227 63.2 50.3 75.5

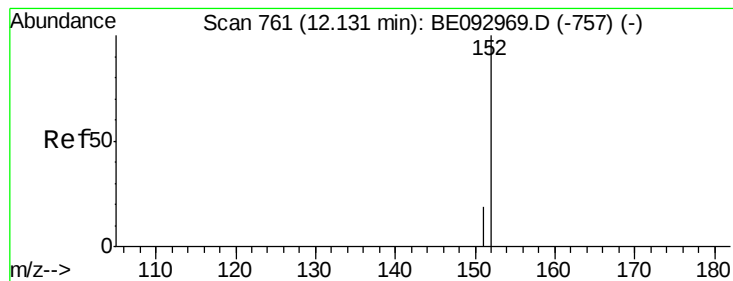


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.22 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

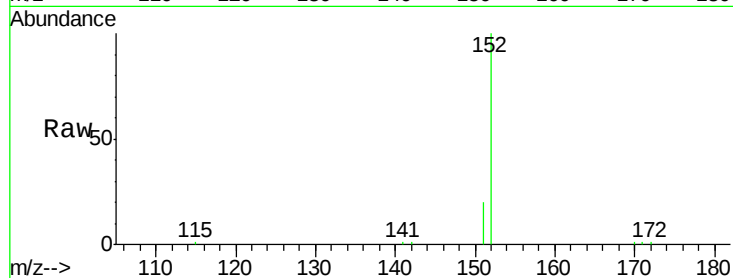
SSTDICC3.2

Tgt Ion:152 Resp: 15896

Ion Ratio Lower Upper

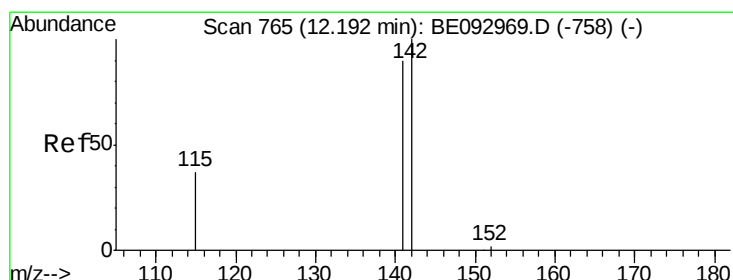
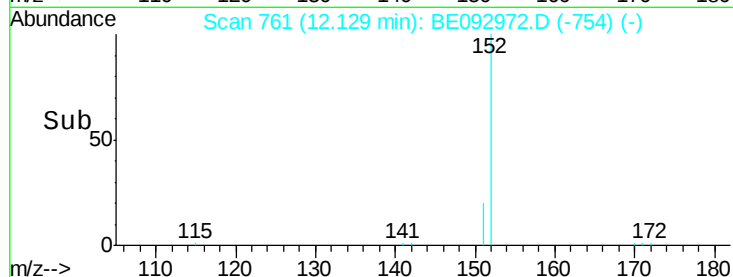
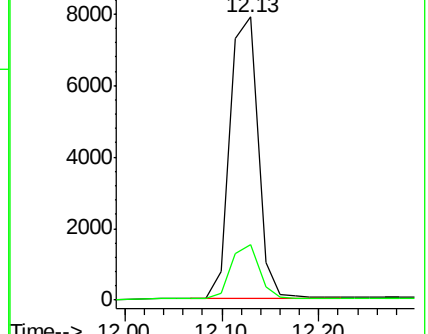
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.28 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

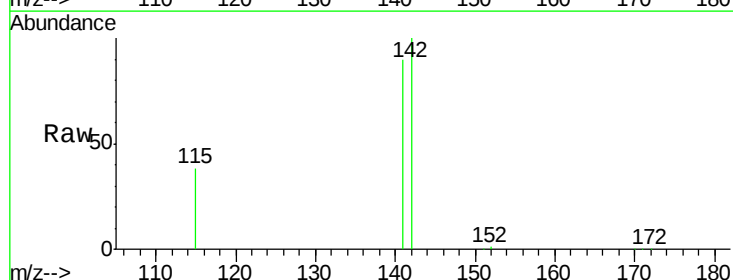
Tgt Ion:142 Resp: 17865

Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8

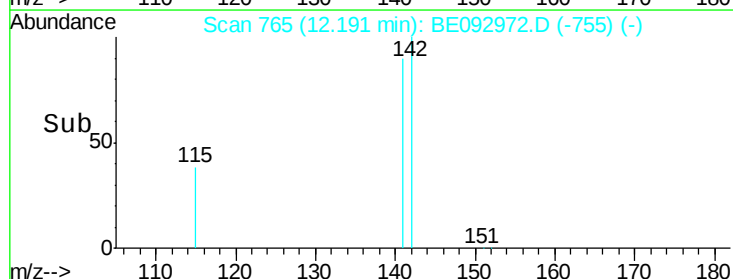
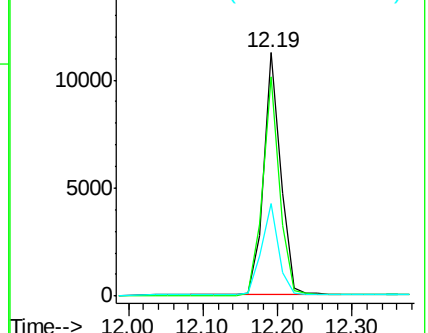
115 38.0 32.2 48.2

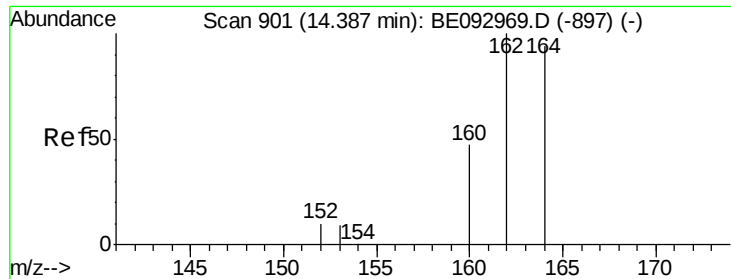


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

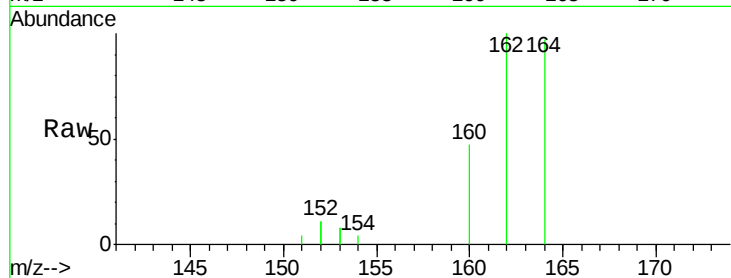
Tgt Ion:164 Resp: 1782

Ion Ratio Lower Upper

164 100

162 103.0 84.6 127.0

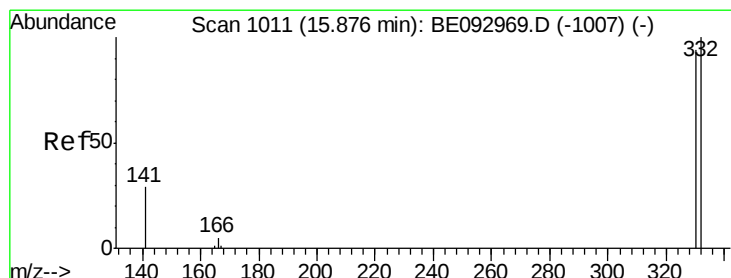
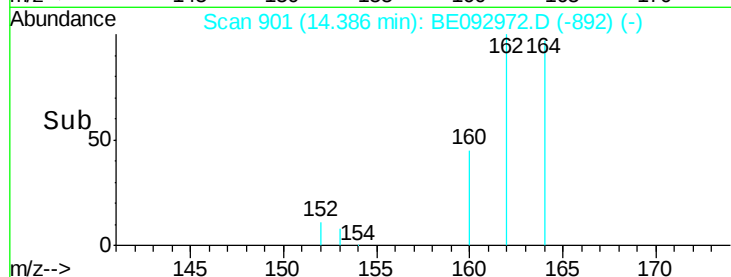
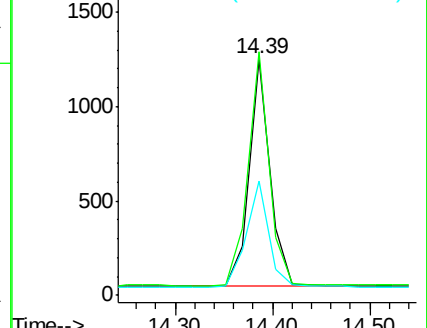
160 48.3 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 5.76 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

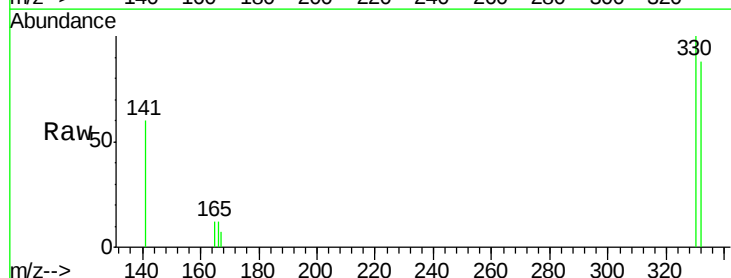
Tgt Ion:330 Resp: 1745

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

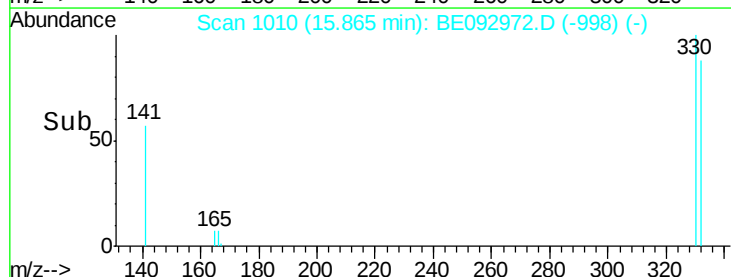
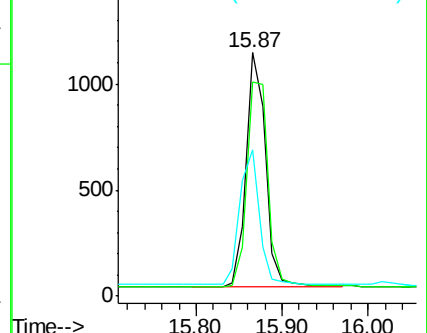
141 57.5 56.2 84.4

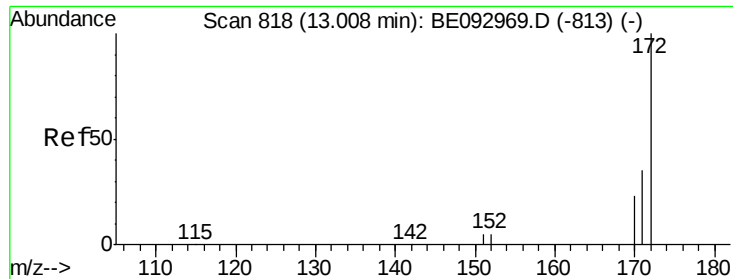


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

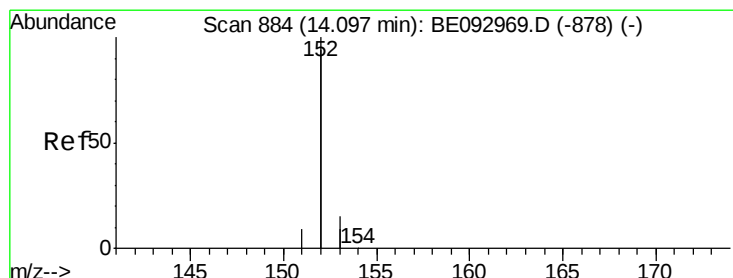
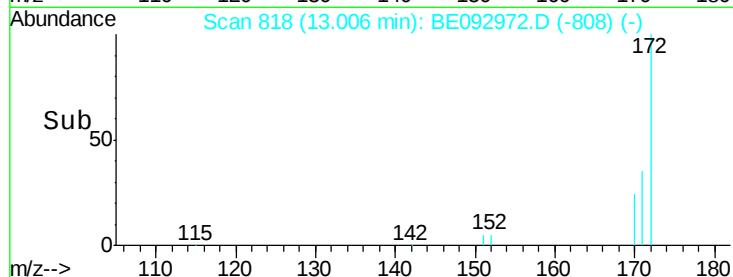
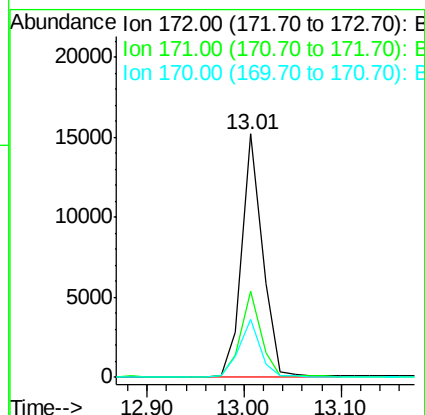
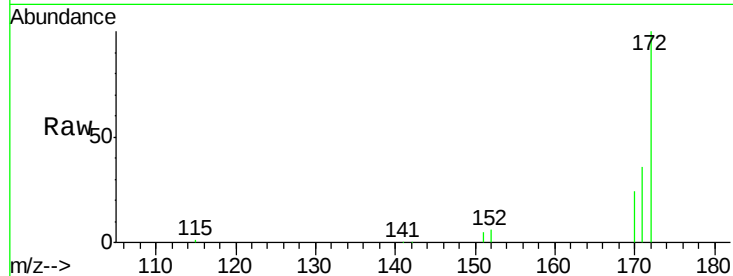




#15
2-Fluorobiphenyl
Concen: 2.84 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092972.D
Acq: 9 May 2017 20:26

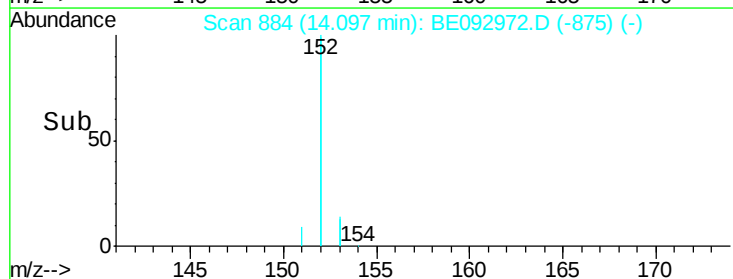
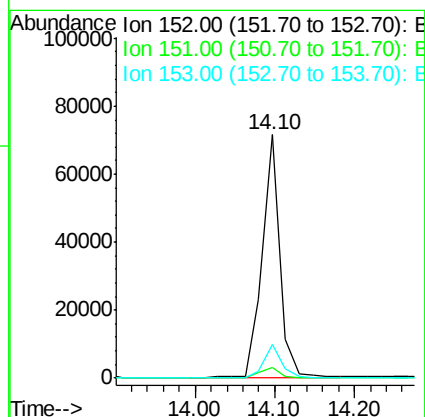
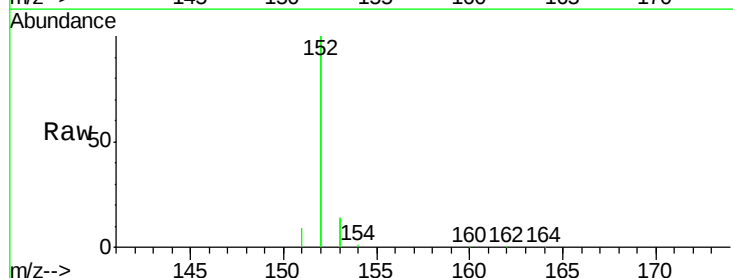
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

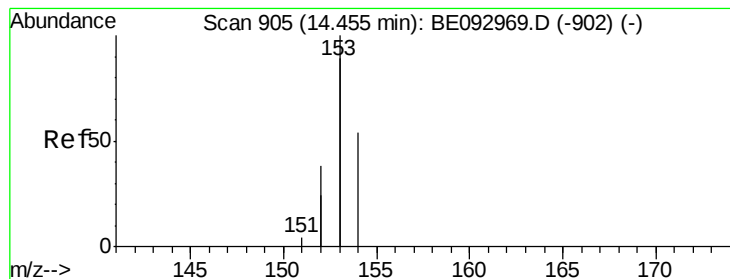
Tgt Ion:172 Resp: 22614
Ion Ratio Lower Upper
172 100
171 35.6 29.8 44.6
170 24.0 20.7 31.1



#16
Acenaphthylene
Concen: 3.90 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092972.D
Acq: 9 May 2017 20:26

Tgt Ion:152 Resp: 111545
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 3.28 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.02 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

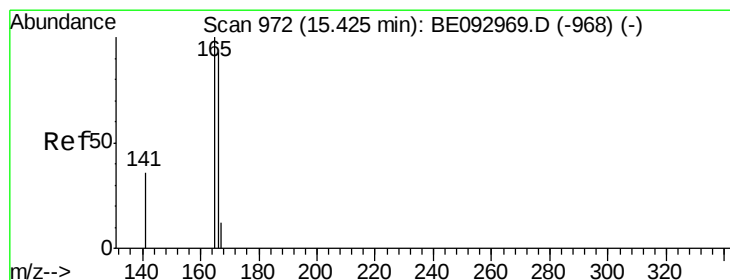
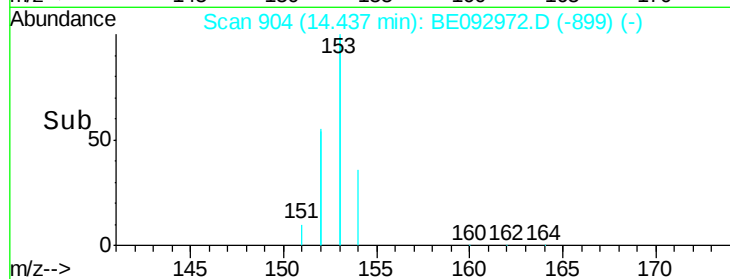
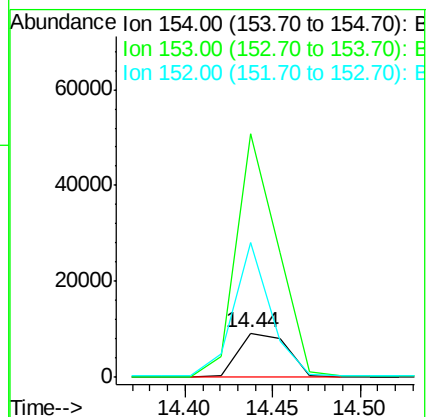
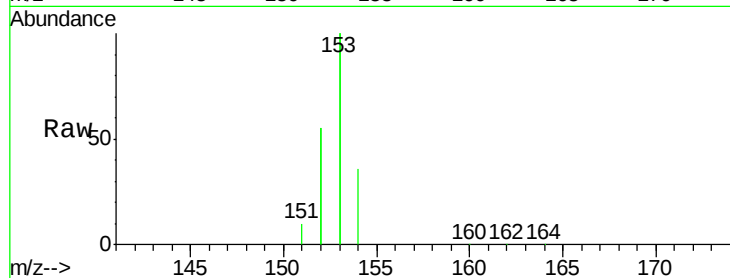
Tgt Ion:154 Resp: 18470

Ion Ratio Lower Upper

154 100

153 451.7 367.8 551.6

152 221.7 188.2 282.2



#18

Fluorene

Concen: 3.26 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

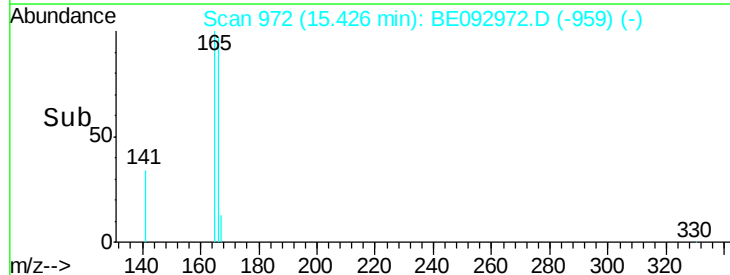
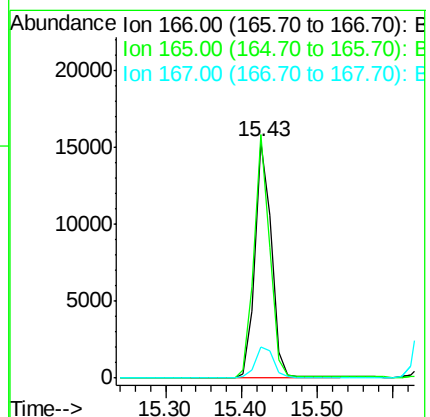
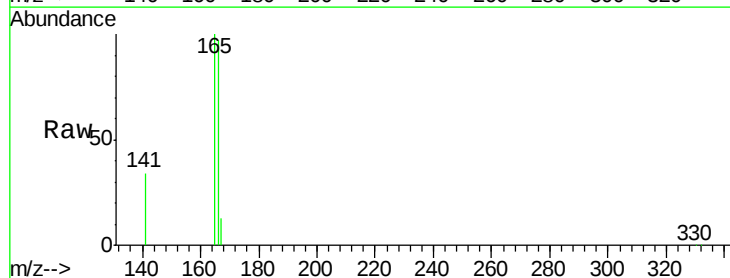
Tgt Ion:166 Resp: 22623

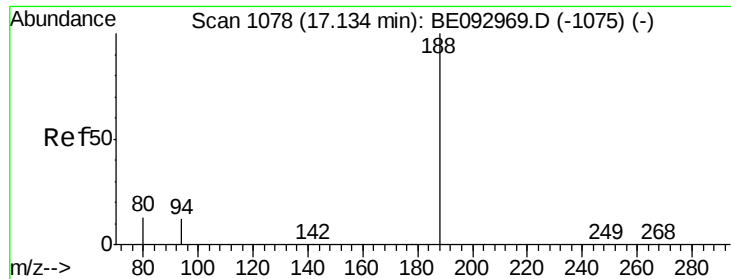
Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

167 14.2 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

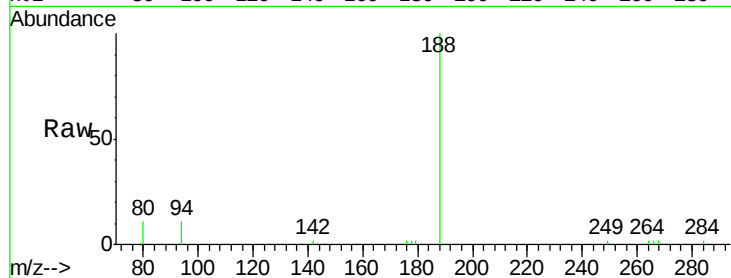
Tgt Ion:188 Resp: 4397

Ion Ratio Lower Upper

188 100

94 10.9 11.3 16.9#

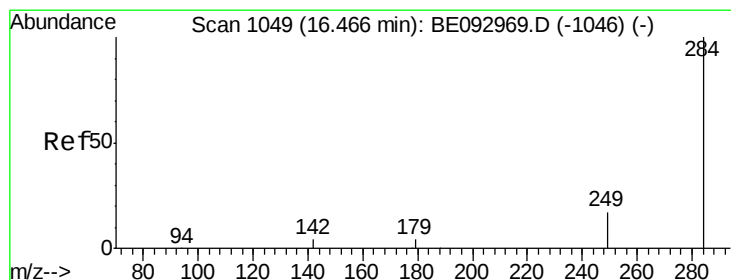
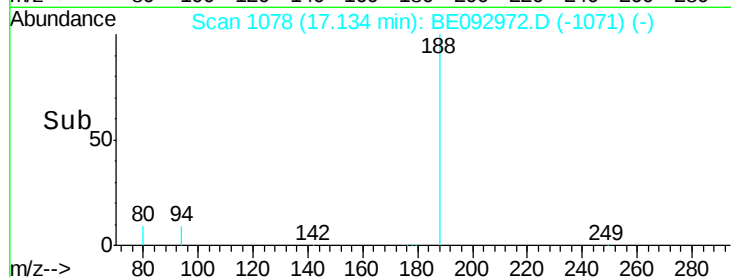
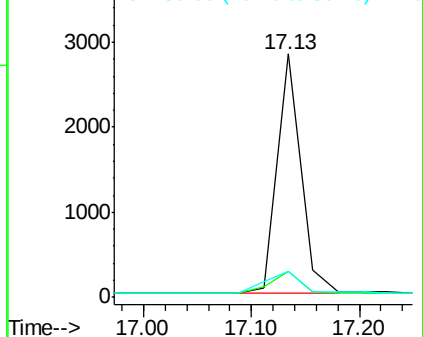
80 10.5 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: 3.14 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092972.D

Acq: 9 May 2017 20:26

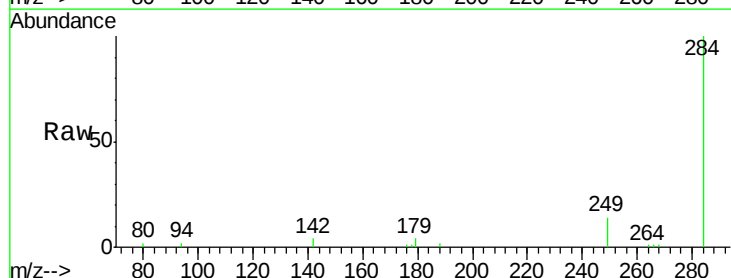
Tgt Ion:284 Resp: 5985

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 0.0 0.0



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

