

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
 Data File : BE092528.D
 Acq On : 16 Nov 2016 10:24
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 16 13:33:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 13:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	6978	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	33617	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23700	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56865	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70681	5.00	ng	0.00
31) Perylene-d12	24.09	264	70938	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	112	0.07	ng	0.01
5) Phenol-d6	7.40	99	142	0.07	ng	0.05
8) Nitrobenzene-d5	9.39	82	159	0.07	ng	0.02
13) 2,4,6-Tribromophenol	16.32	330	55	0.08	ng	0.01
14) 2-Fluorobiphenyl	13.45	172	682	0.12	ng	0.01
26) Terphenyl-d14	20.17	244	992	0.12	ng	0.00

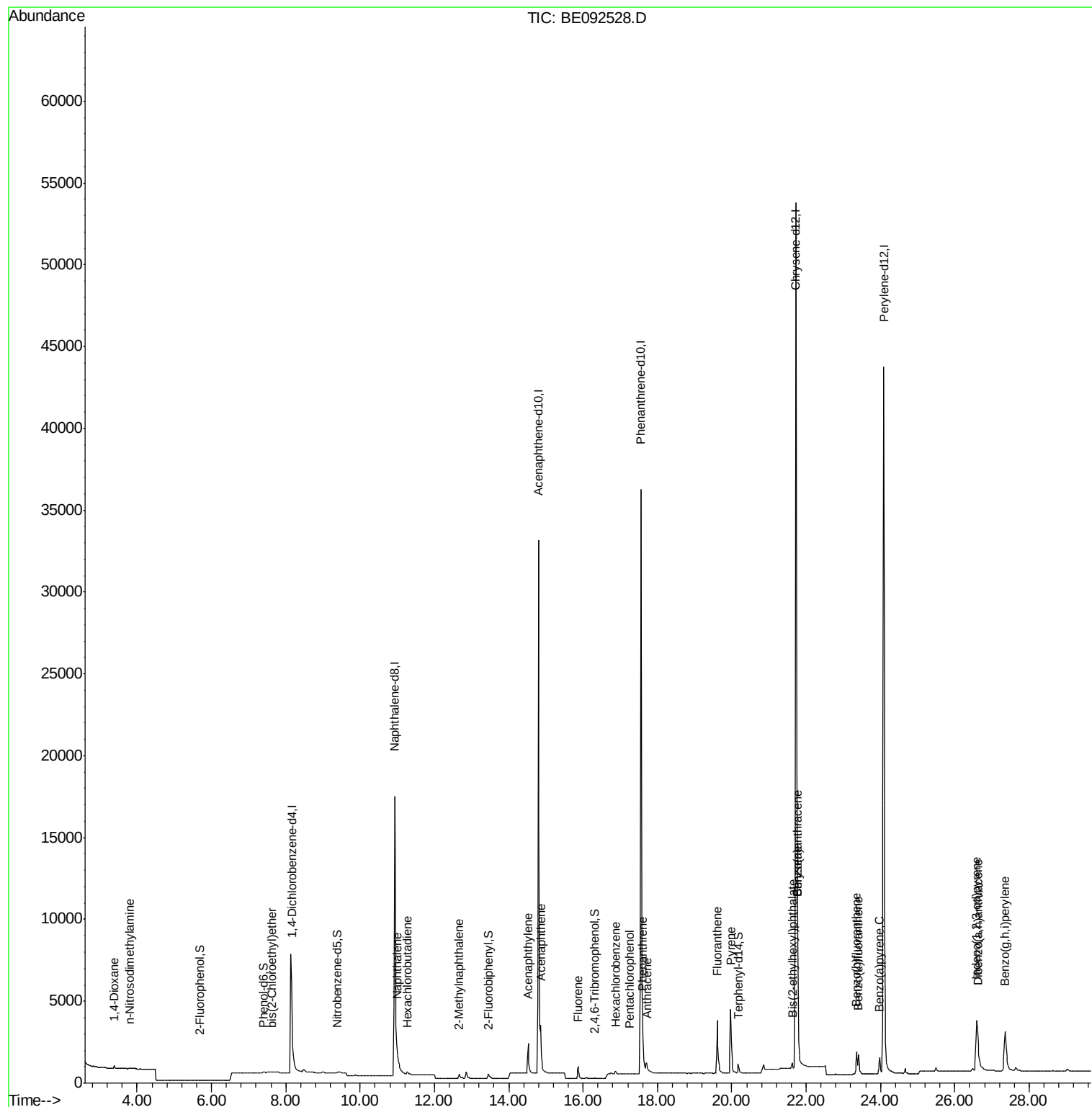
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	135	0.12	ng	95
3) n-Nitrosodimethylamine	3.81	42	61	0.05	ng	# 2
6) bis(2-Chloroethyl)ether	7.61	93	174	0.08	ng	# 71
9) Naphthalene	10.99	128	844	0.12	ng	# 75
10) Hexachlorobutadiene	11.26	225	134	0.12	ng	94
11) 2-Methylnaphthalene	12.66	142	488	0.10	ng	# 92
15) Acenaphthylene	14.53	152	3906	0.11	ng	100
16) Acenaphthene	14.87	154	715	0.13	ng	89
17) Fluorene	15.87	166	764	0.11	ng	98
19) Hexachlorobenzene	16.89	284	372	0.17	ng	# 39
20) Pentachlorophenol	17.26	266	36	0.06	ng	# 77
21) Phenanthrene	17.60	178	1512	0.12	ng	98
22) Anthracene	17.72	178	1288	0.11	ng	# 75
23) Fluoranthene	19.61	202	6611	0.11	ng	98
25) Pyrene	19.97	202	6958	0.12	ng	100
27) Benzo(a)anthracene	21.77	228	16350	0.23	ng	# 85
28) Chrysene	21.77	228	16473	0.21	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.63	149	662	0.09	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.58	276	9082	0.12	ng	99
32) Benzo(b)fluoranthene	23.36	252	2030	0.08	ng	# 89
33) Benzo(k)fluoranthene	23.41	252	2316	0.08	ng	# 89
34) Benzo(a)pyrene	23.97	252	1875	0.10	ng	# 77
35) Dibenzo(a,h)anthracene	26.62	278	1832	0.11	ng	# 82
36) Benzo(g,h,i)perylene	27.35	276	7943	0.11	ng	# 87

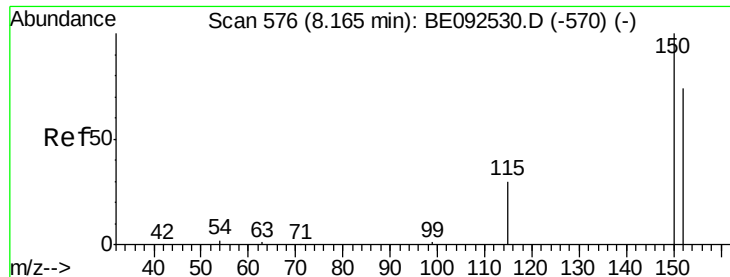
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Nov 16 13:33:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
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QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

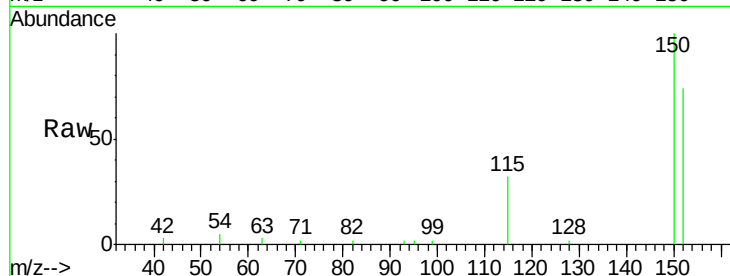
Tgt Ion: 152 Resp: 6978

Ion Ratio Lower Upper

152 100

150 135.9 106.0 159.0

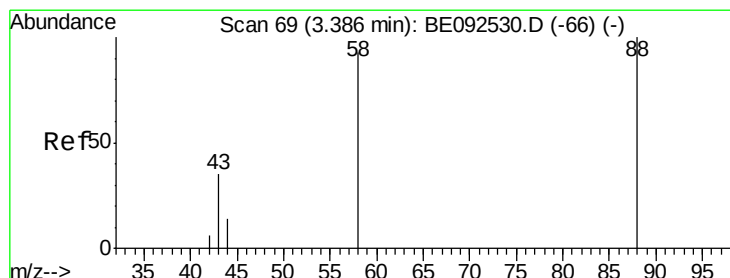
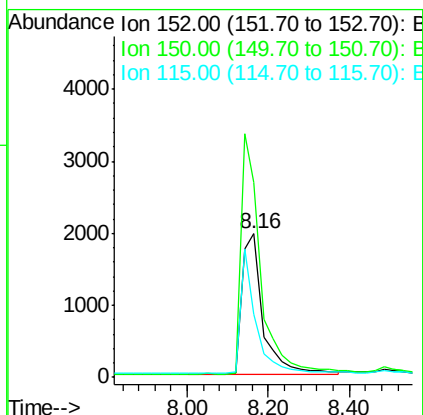
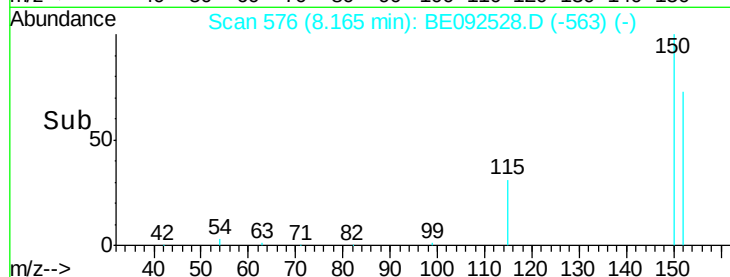
115 43.8 31.2 46.8



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: 0.12 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

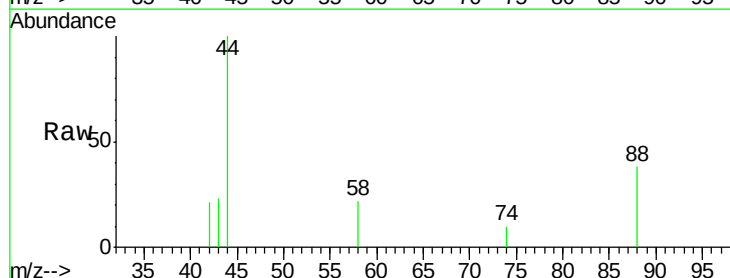
Tgt Ion: 88 Resp: 135

Ion Ratio Lower Upper

88 100

58 77.8 63.6 95.4

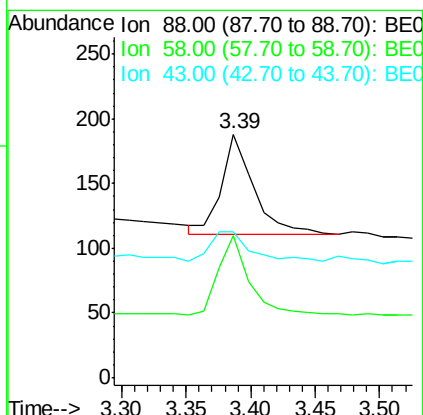
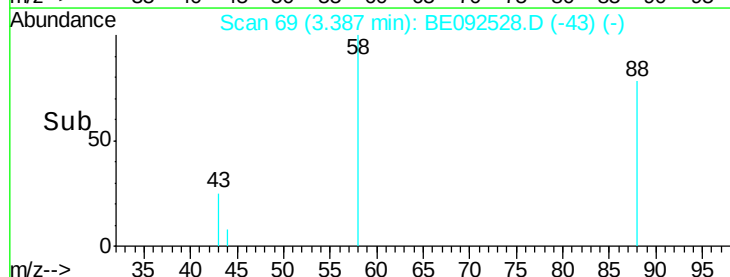
43 41.5 28.0 42.0

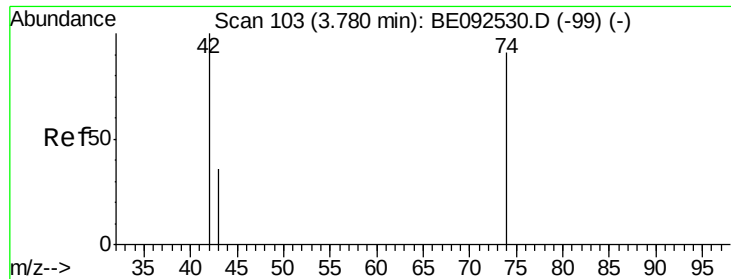


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.03 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

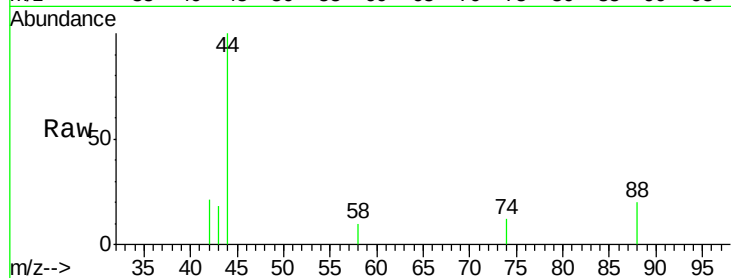
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 0.0 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

600

400

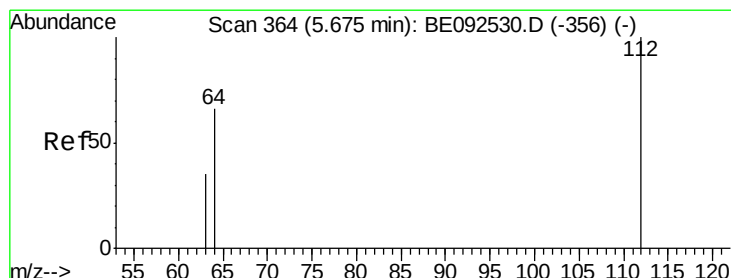
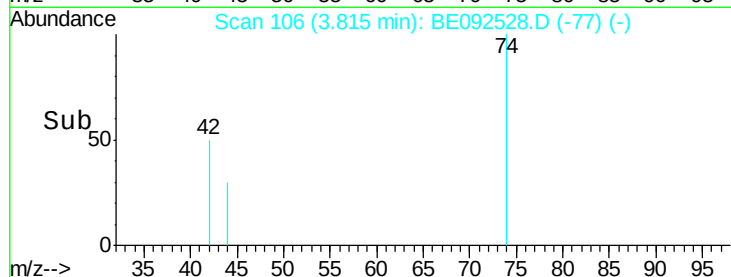
200

0

3.70 3.80 3.90

3.81

Time-->



#4

2-Fluorophenol

Concen: 0.07 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.01 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

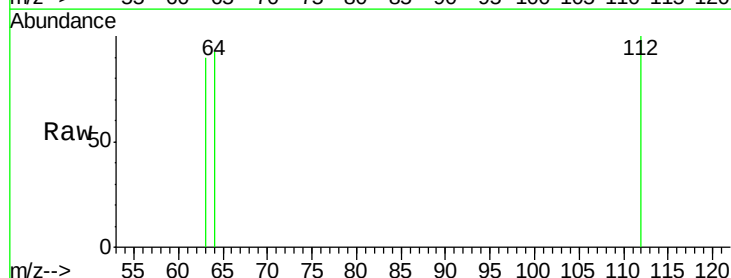
Tgt Ion: 112 Resp: 112

Ion Ratio Lower Upper

112 100

64 56.3 53.5 80.3

63 23.2 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

80

60

40

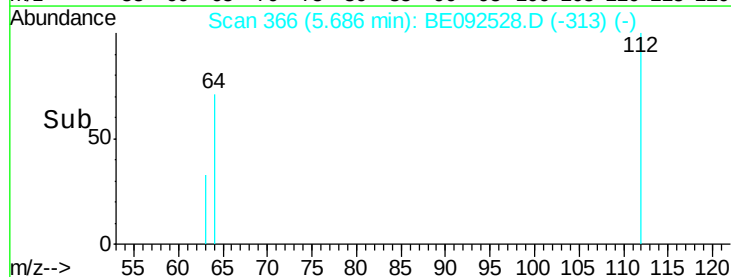
20

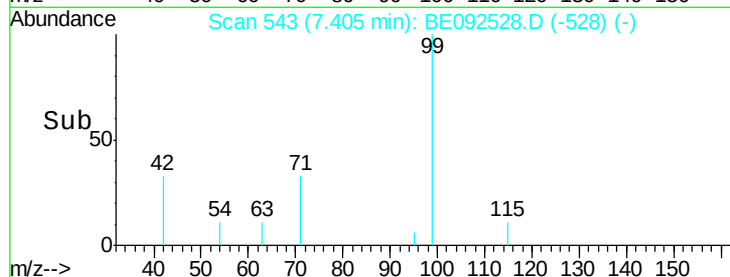
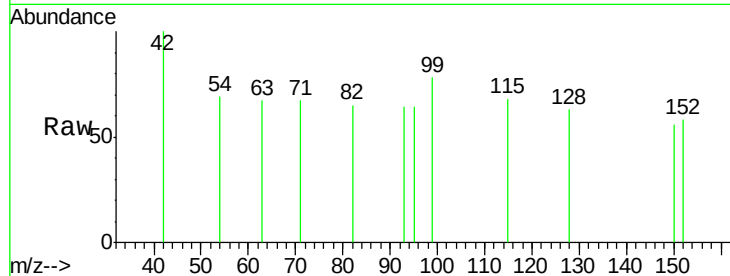
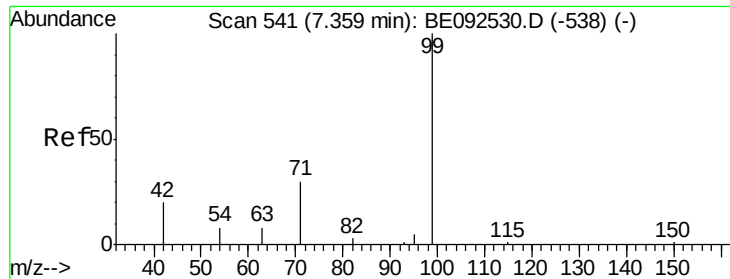
0

5.60 5.70 5.80

5.69

Time-->





#5

Phenol-d6

Concen: 0.07 ng

RT: 7.40 min Scan# 543

Delta R.T. 0.05 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

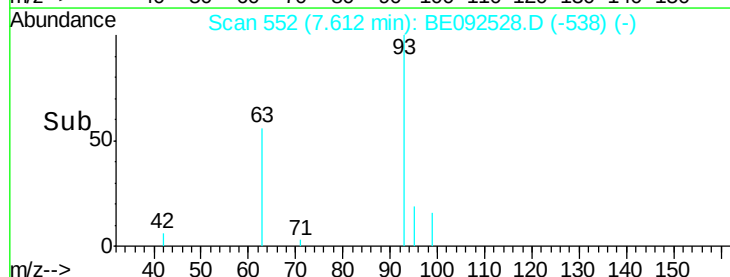
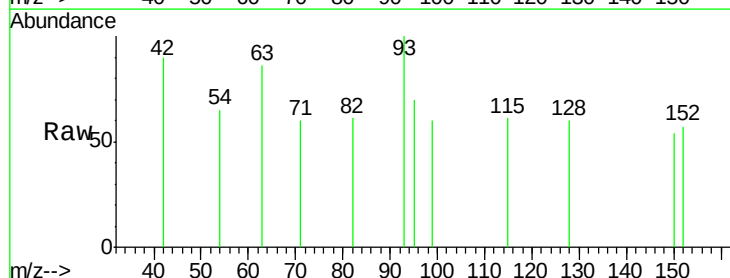
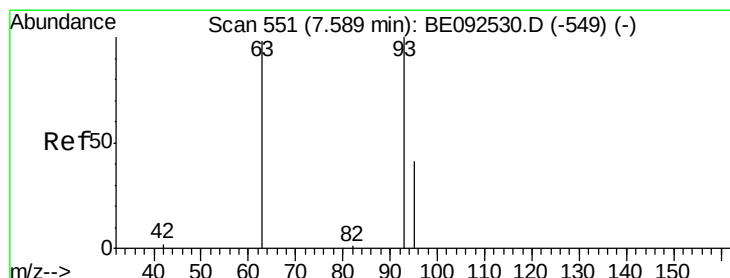
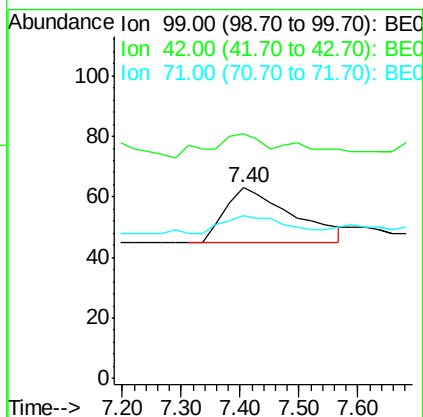
Tgt Ion: 99 Resp: 142

Ion Ratio Lower Upper

99 100

42 37.3 16.0 24.0#

71 28.9 30.6 45.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

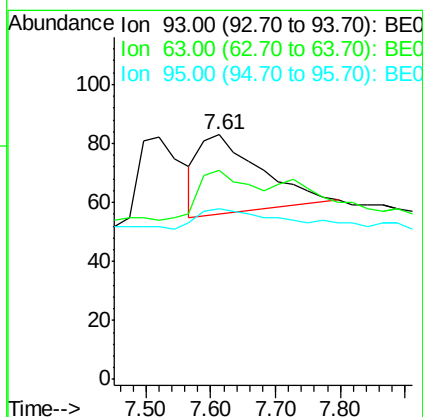
Tgt Ion: 93 Resp: 174

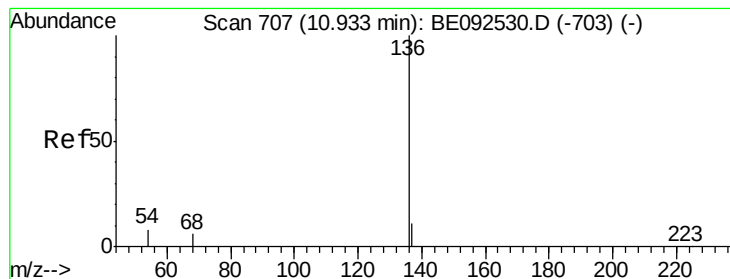
Ion Ratio Lower Upper

93 100

63 55.7 71.6 107.4#

95 35.1 24.0 36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

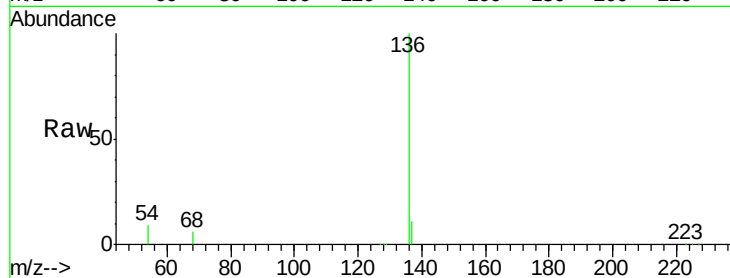
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:	136	Resp:	33617
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.5	9.6	14.4#
68	6.1	6.7	10.1#

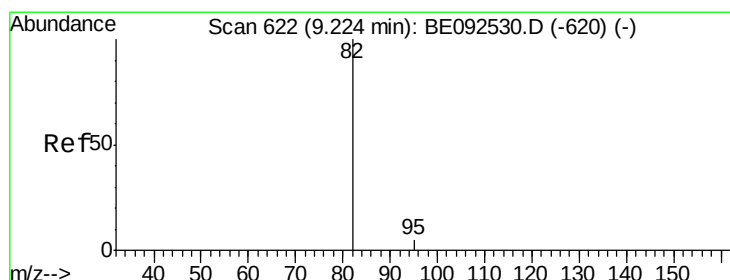
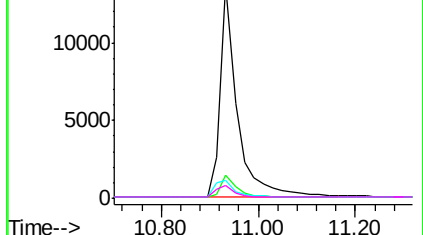
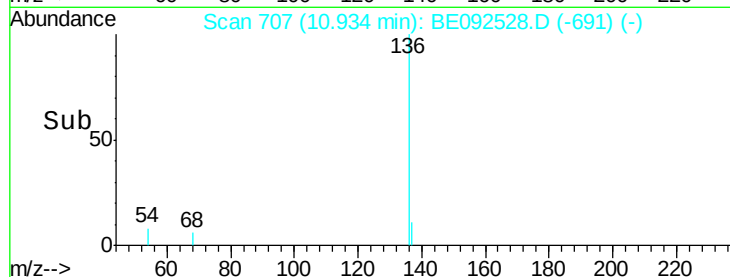


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.07 ng

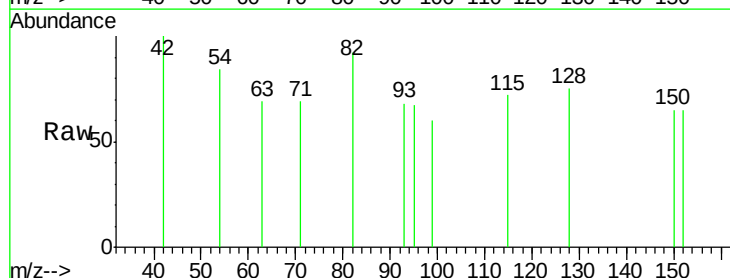
RT: 9.39 min Scan# 629

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

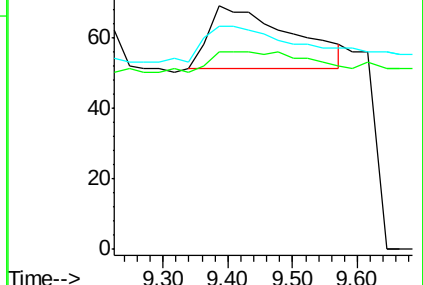
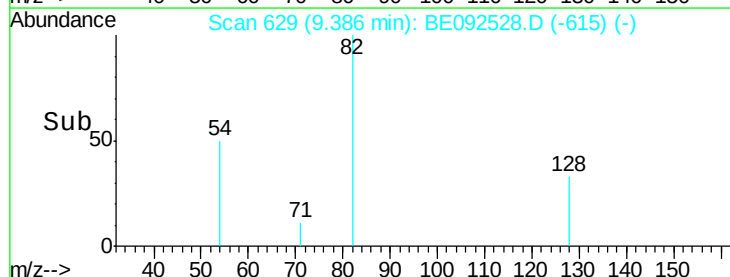
Tgt Ion:	82	Resp:	159
Ion	Ratio	Lower	Upper
82	100		
128	81.2	39.0	58.4#
54	91.3	44.8	67.2#

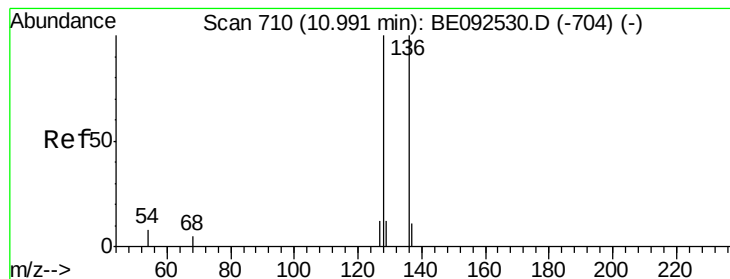


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

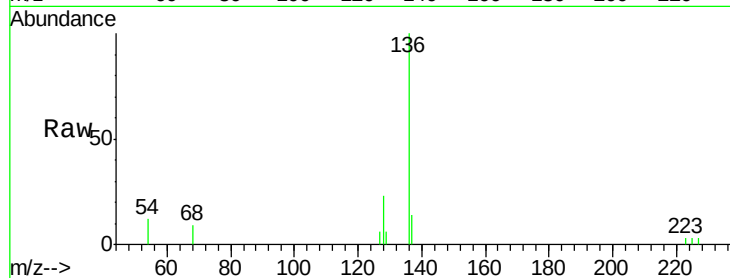
Tgt Ion:128 Resp: 844

Ion Ratio Lower Upper

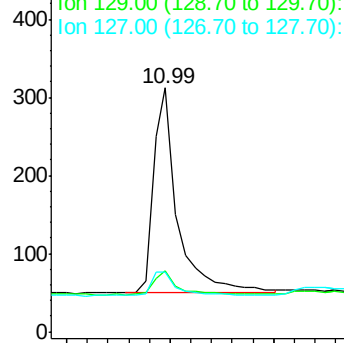
128 100

129 25.0 11.2 16.8#

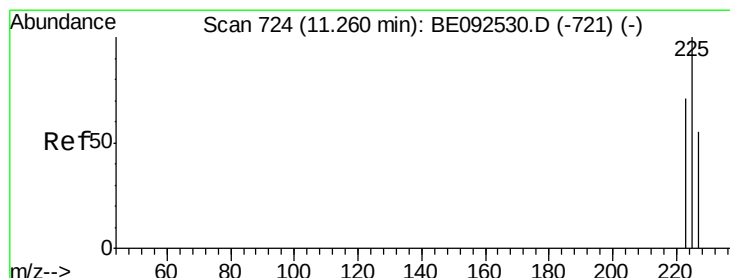
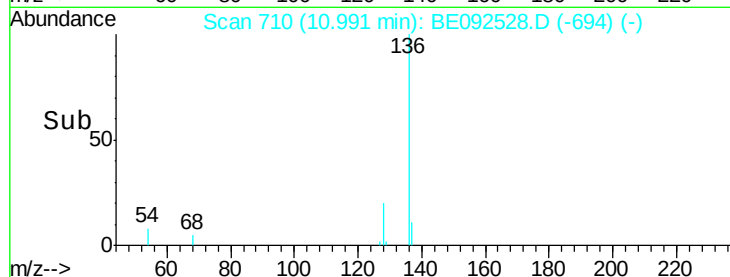
127 24.4 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time--> 10.80 11.00 11.20



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

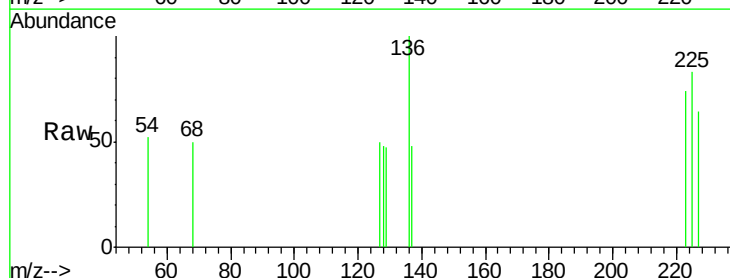
Tgt Ion:225 Resp: 134

Ion Ratio Lower Upper

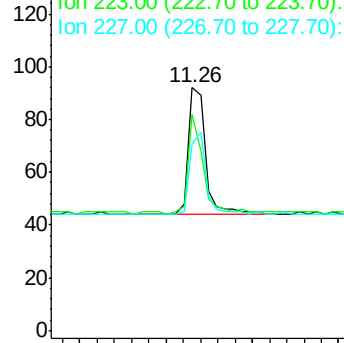
225 100

223 70.9 50.6 76.0

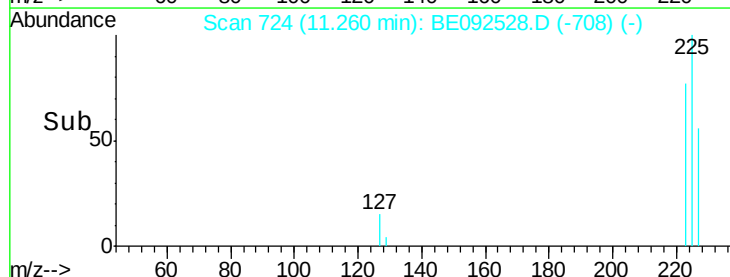
227 61.9 51.4 77.0

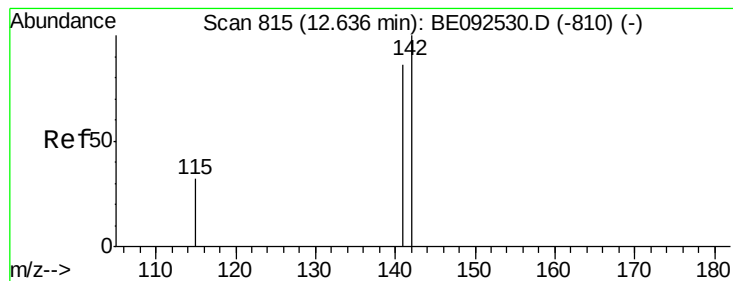


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time--> 11.00 11.20 11.40





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

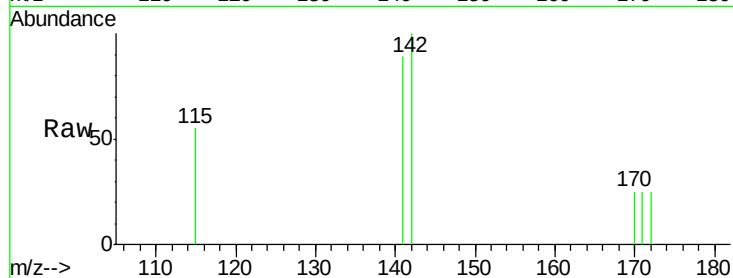
Tgt Ion:142 Resp: 488

Ion Ratio Lower Upper

142 100

141 89.3 73.7 110.5

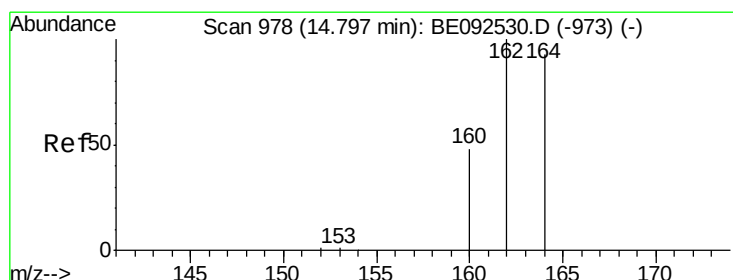
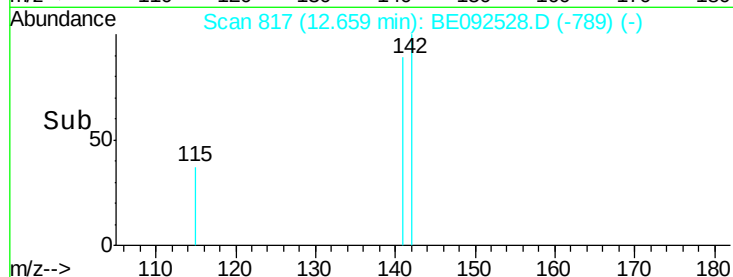
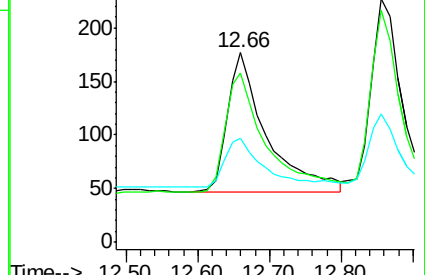
115 54.8 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

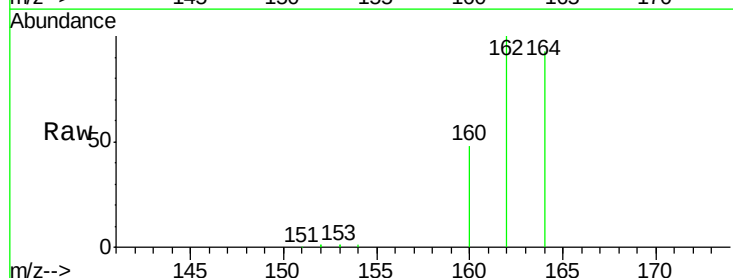
Tgt Ion:164 Resp: 23700

Ion Ratio Lower Upper

164 100

162 107.8 71.4 107.0#

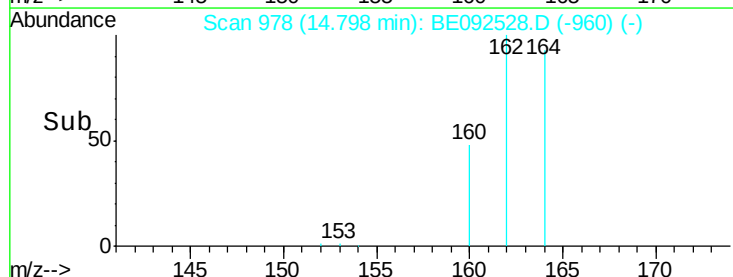
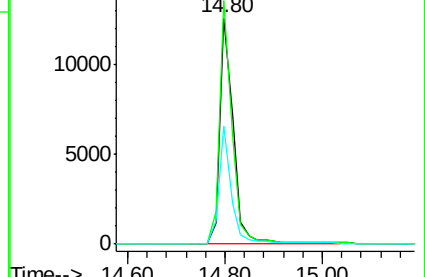
160 52.1 27.4 41.2#

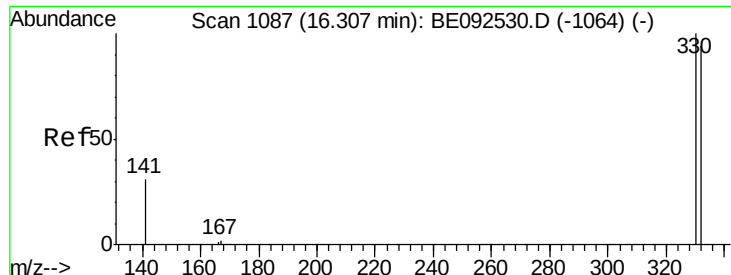


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

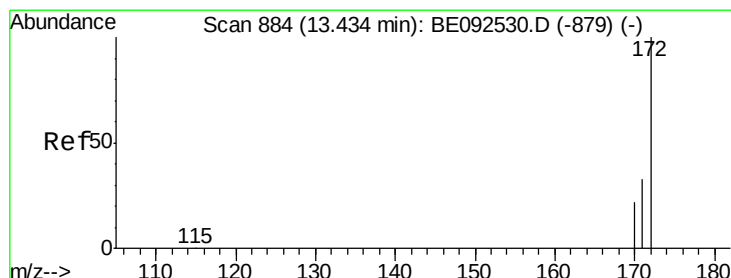
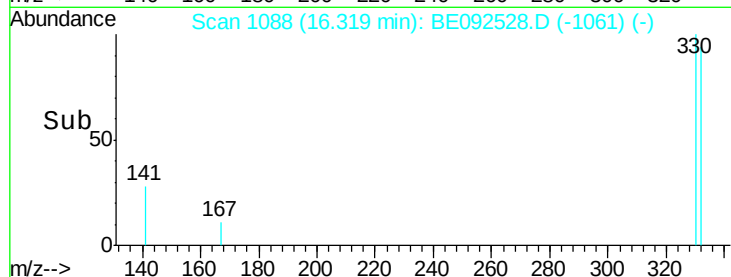
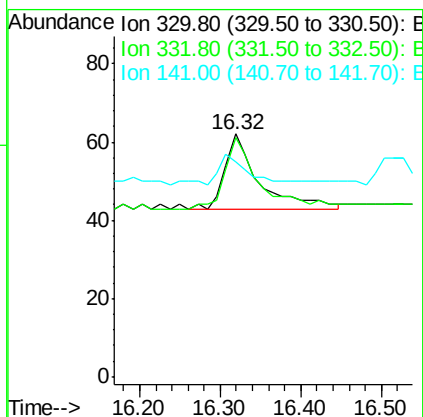
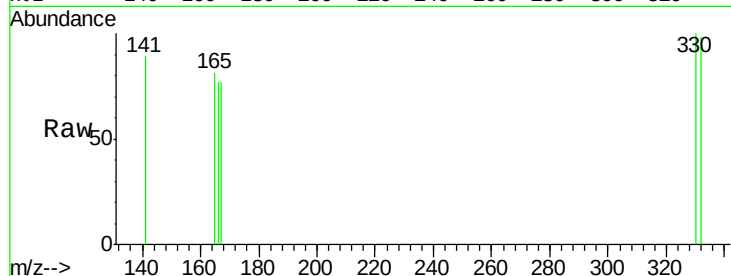




#13
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 16.32 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

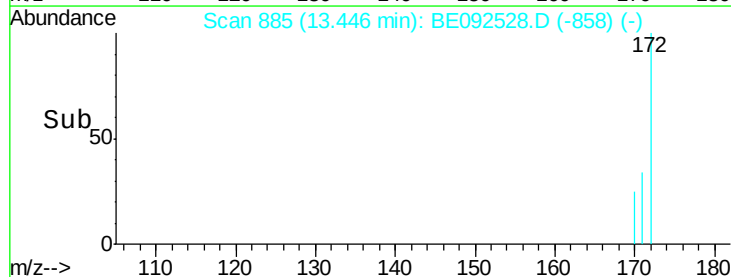
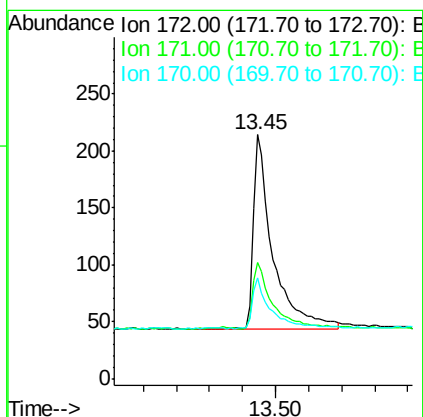
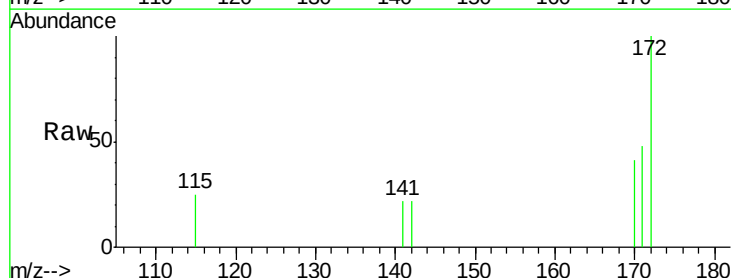
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

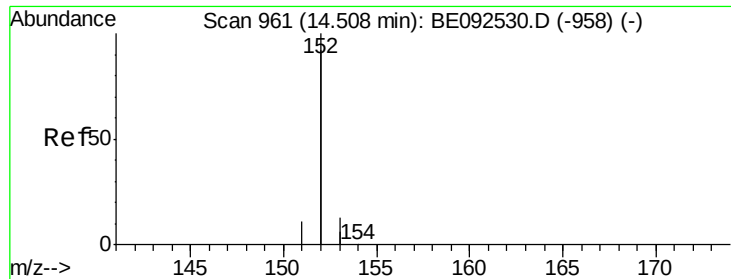
Tgt Ion: 330 Resp: 55
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 47.3 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

Tgt Ion: 172 Resp: 682
 Ion Ratio Lower Upper
 172 100
 171 47.7 30.1 45.1#
 170 41.1 21.8 32.6#





#15

Acenaphthylene

Concen: 0.11 ng

RT: 14.53 min Scan# 962

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

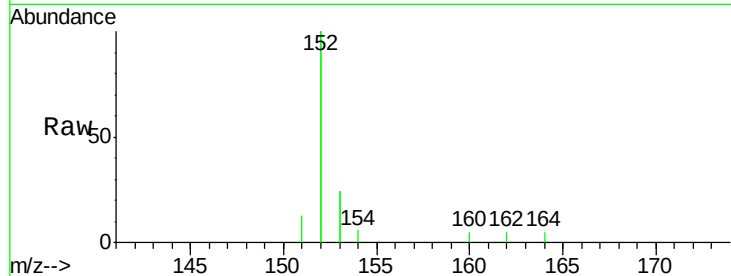
Tgt Ion:152 Resp: 3906

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

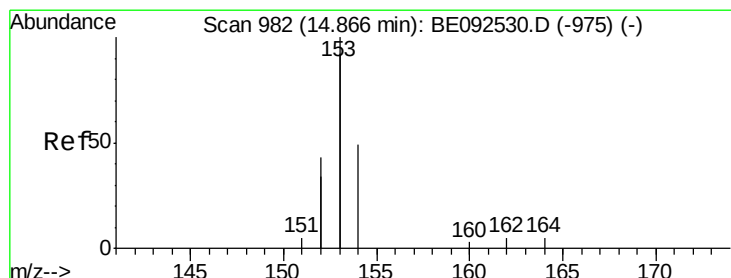
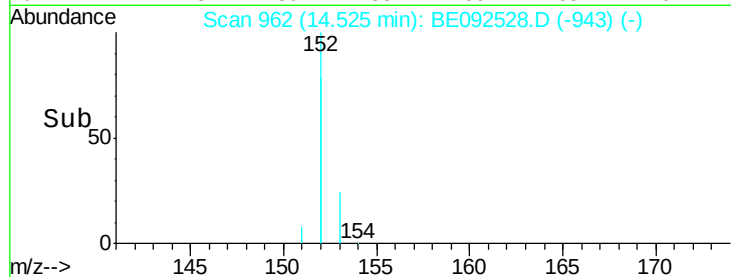
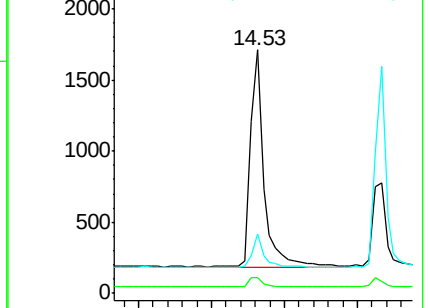
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.13 ng

RT: 14.87 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

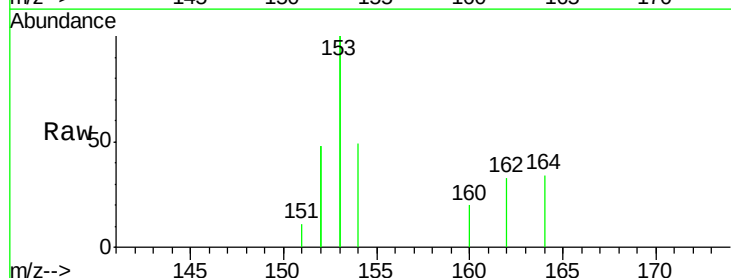
Tgt Ion:154 Resp: 715

Ion Ratio Lower Upper

154 100

153 405.3 350.8 526.2

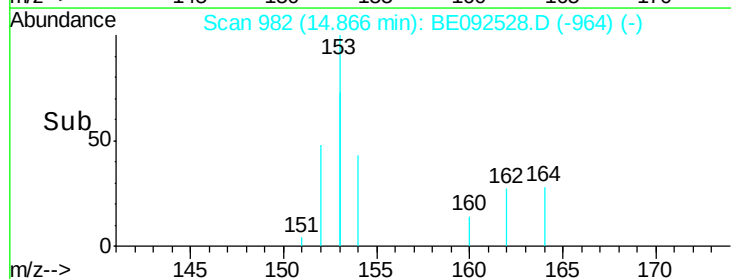
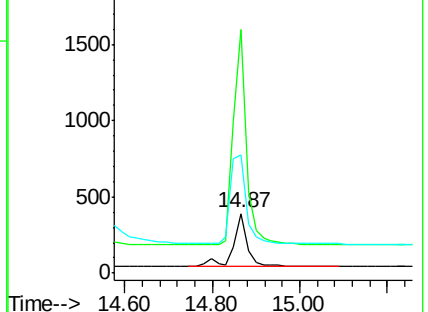
152 204.3 171.1 256.7

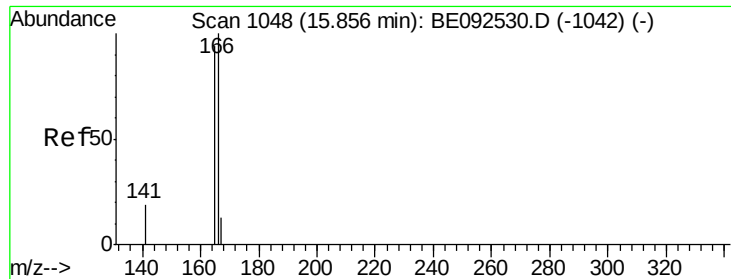


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

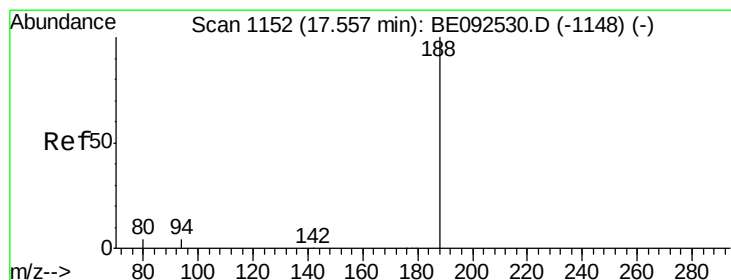
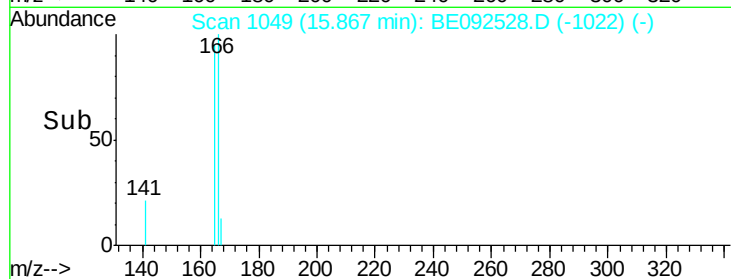
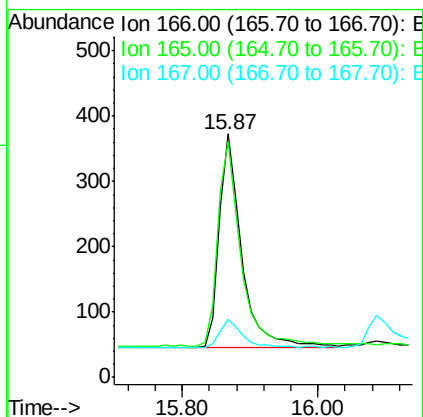
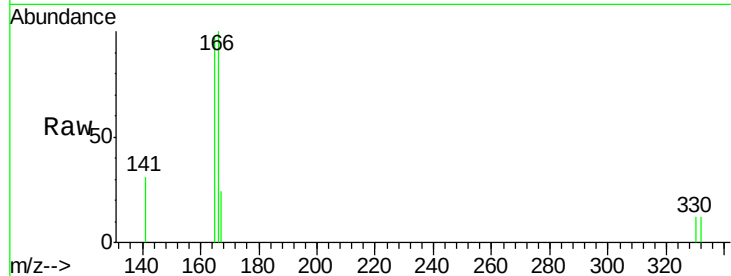




#17
Fluorene
 Concen: 0.11 ng
 RT: 15.87 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

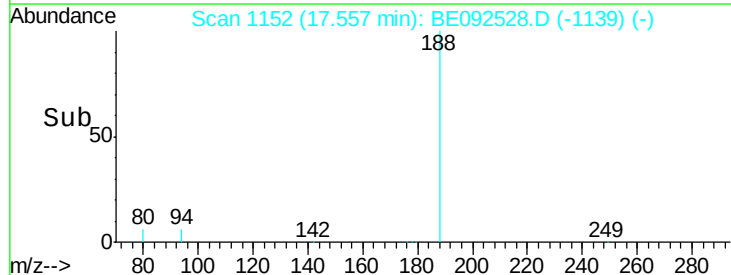
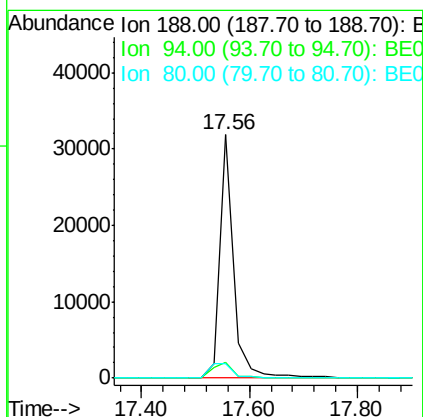
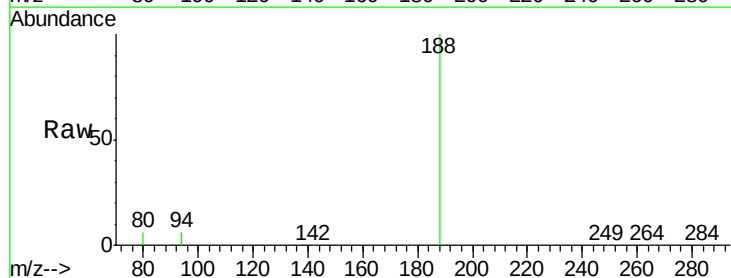
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

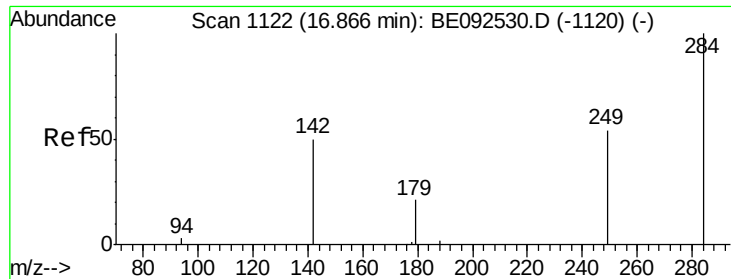
Tgt Ion:166 Resp: 764
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.2 117.4
 167 13.9 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

Tgt Ion:188 Resp: 56865
 Ion Ratio Lower Upper
 188 100
 94 6.4 3.2 4.8#
 80 5.8 2.6 3.8#

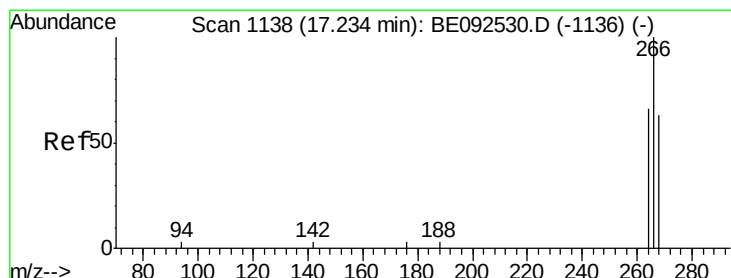
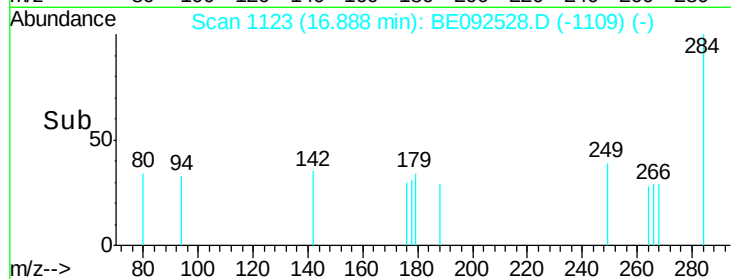
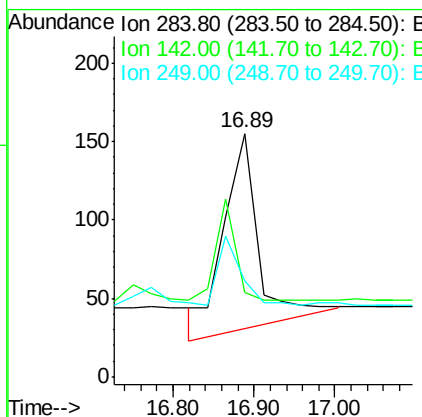
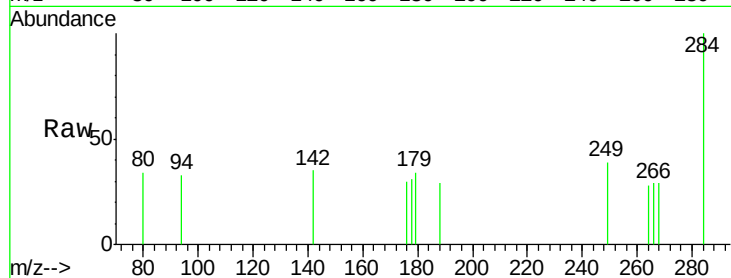




#19
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

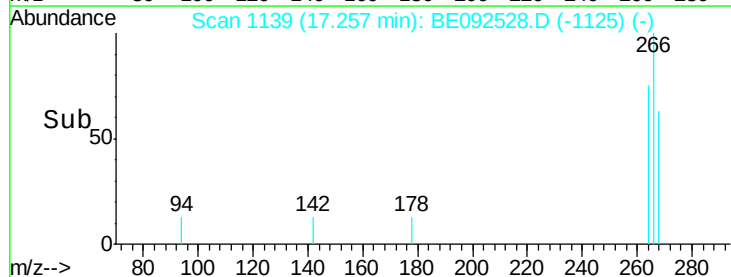
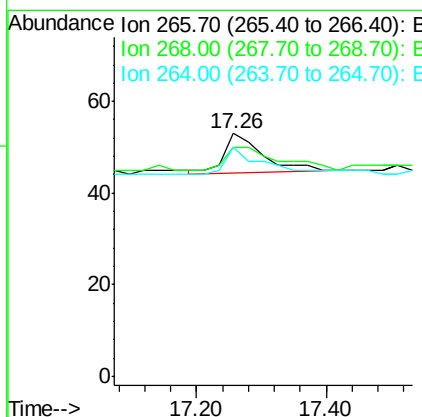
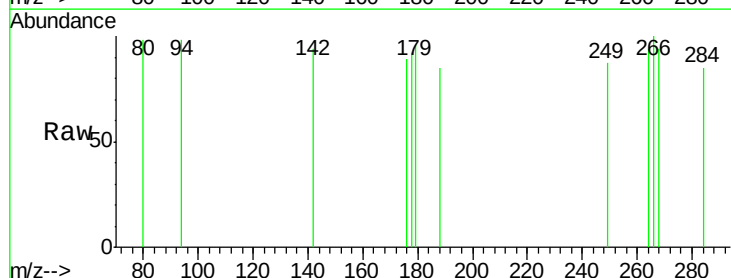
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

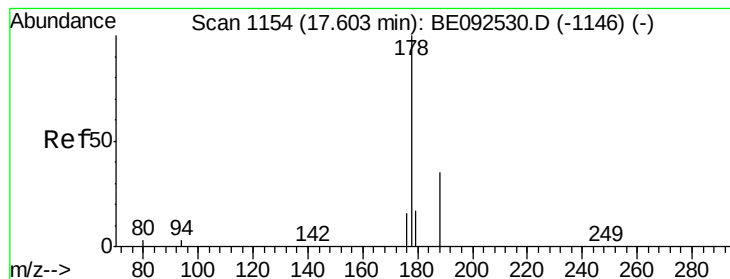
Tgt Ion: 284 Resp: 372
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 0.06 ng
RT: 17.26 min Scan# 1139
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion: 266 Resp: 36
Ion Ratio Lower Upper
266 100
268 94.3 62.5 93.7#
264 94.3 57.2 85.8#





#21

Phenanthrene

Concen: 0.12 ng

RT: 17.60 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

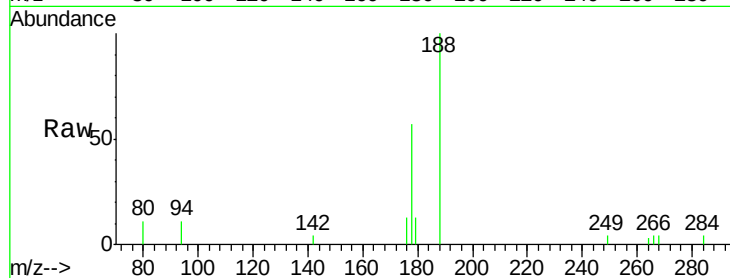
Tgt Ion:178 Resp: 1512

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

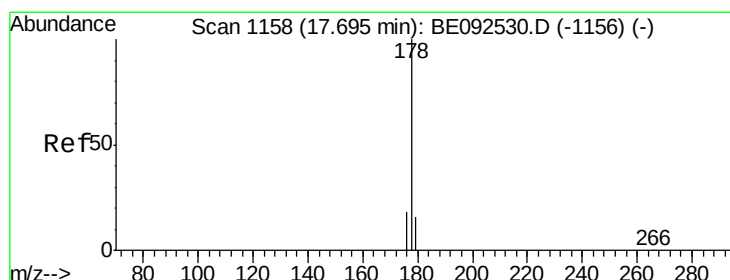
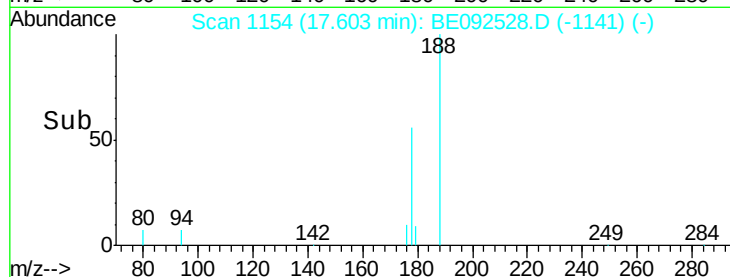
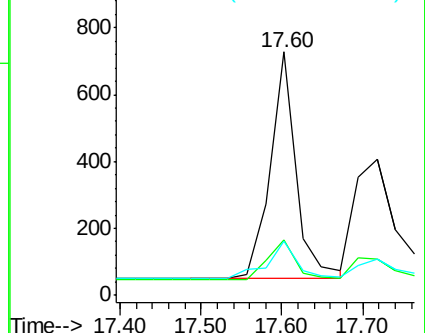
179 18.8 16.0 24.0



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: 0.11 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

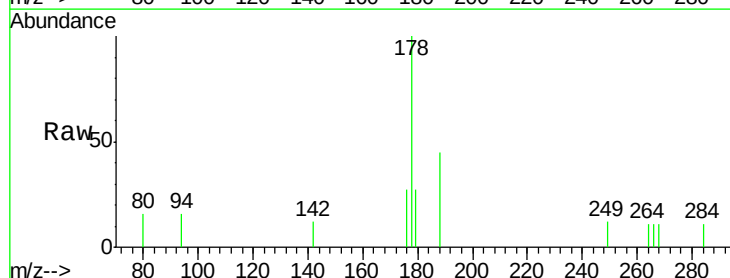
Tgt Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

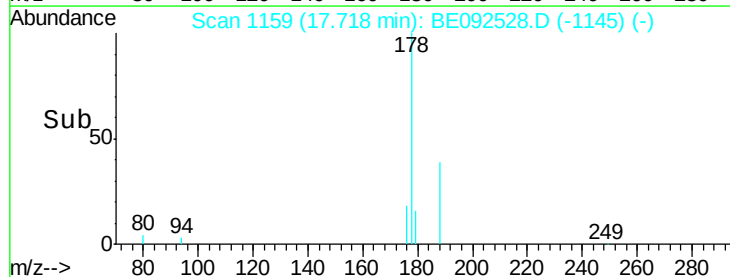
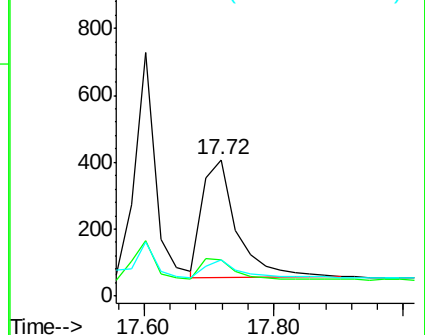
179 16.8 12.2 18.2

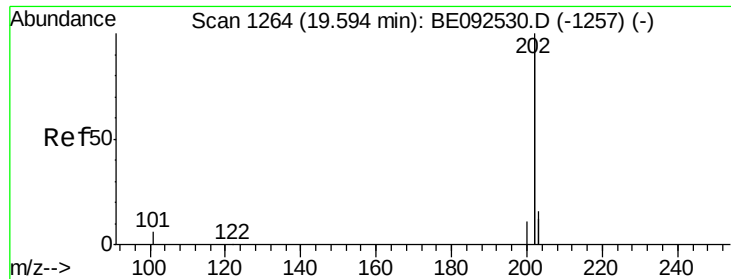


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

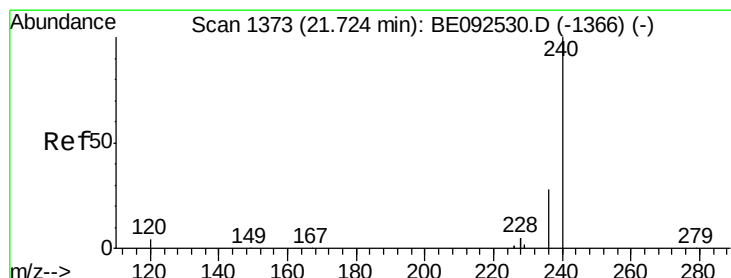
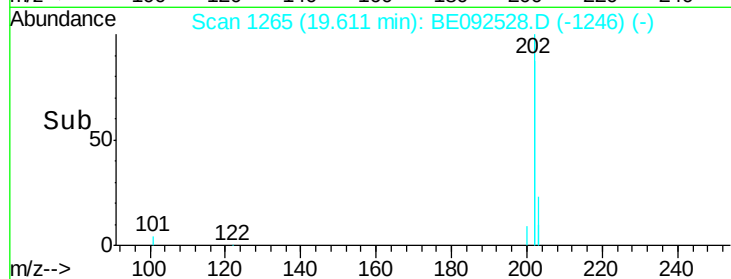
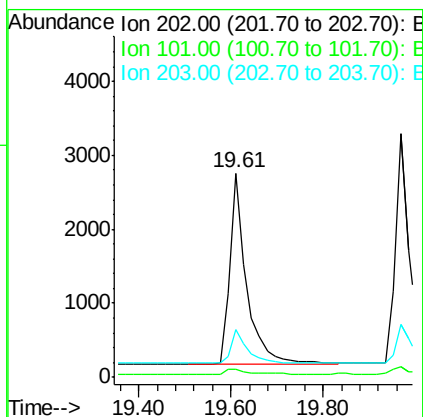
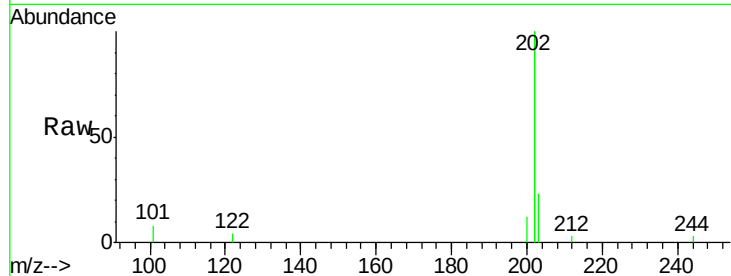




#23
 Fluoranthene
 Concen: 0.11 ng
 RT: 19.61 min Scan# 1265
 Delta R.T. 0.02 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

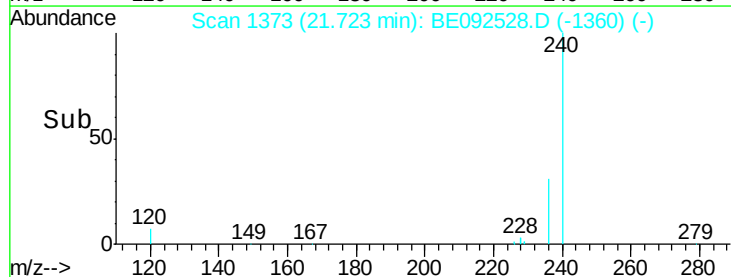
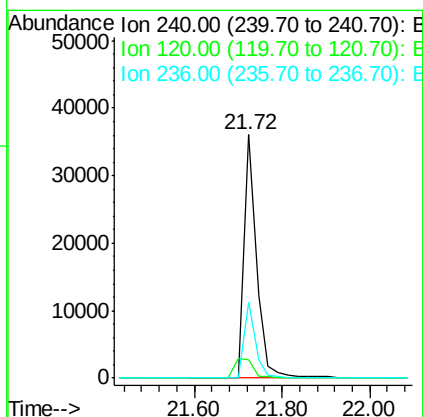
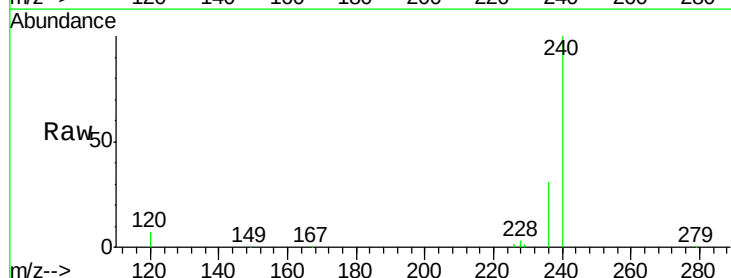
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

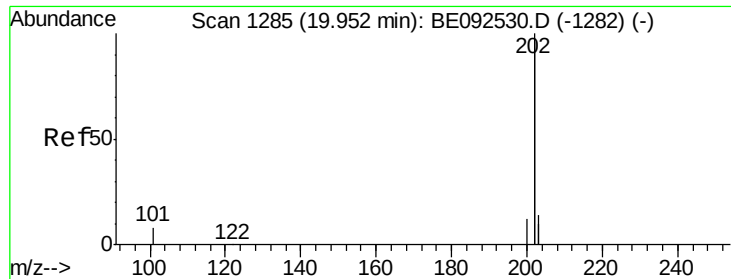
Tgt Ion: 202 Resp: 6611
 Ion Ratio Lower Upper
 202 100
 101 2.8 2.2 3.4
 203 18.1 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

Tgt Ion: 240 Resp: 70681
 Ion Ratio Lower Upper
 240 100
 120 7.3 2.6 4.0#
 236 31.1 24.6 37.0

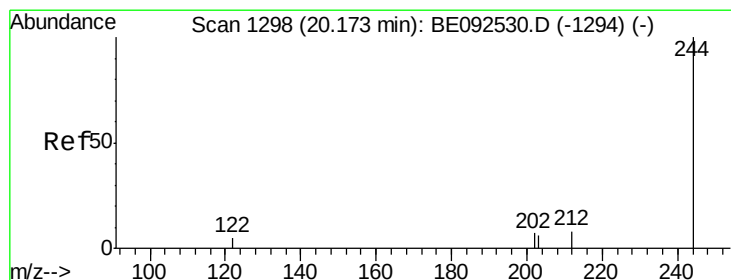
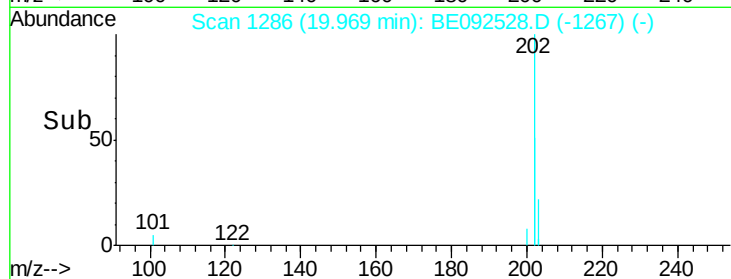
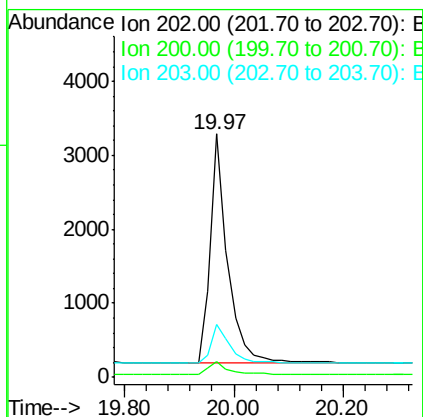
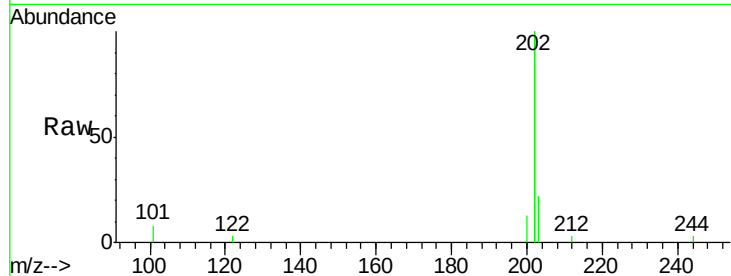




#25
 Pyrene
 Concen: 0.12 ng
 RT: 19.97 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

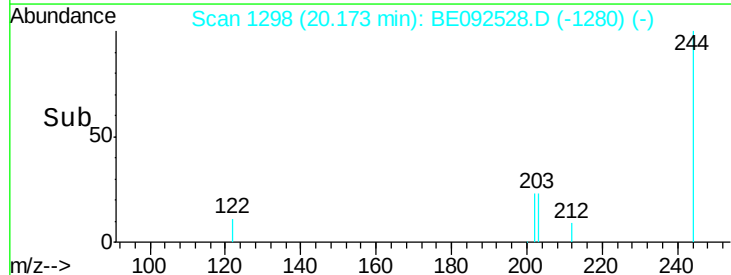
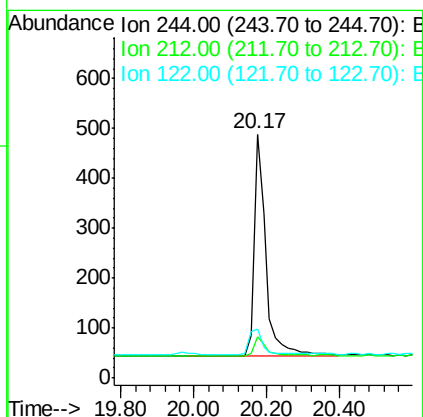
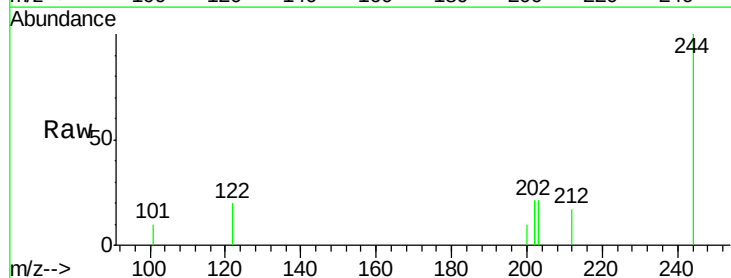
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

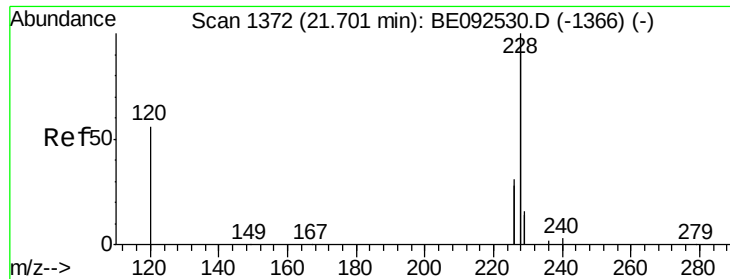
Tgt Ion: 202 Resp: 6958
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 17.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.12 ng
 RT: 20.17 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

Tgt Ion: 244 Resp: 992
 Ion Ratio Lower Upper
 244 100
 212 17.0 6.7 10.1#
 122 19.9 3.6 5.4#

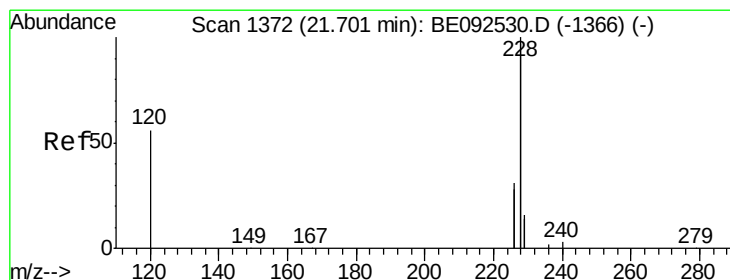
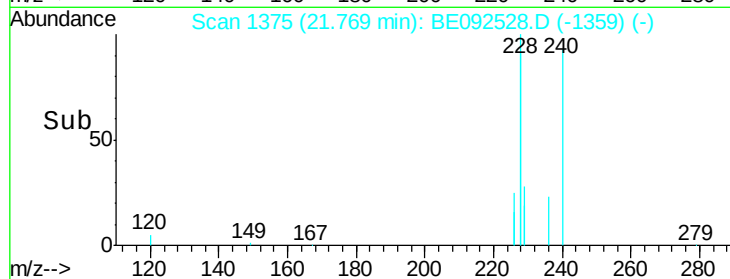
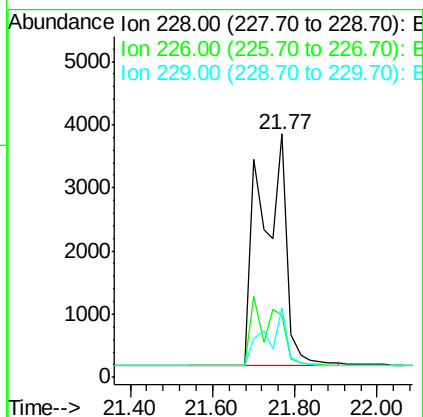
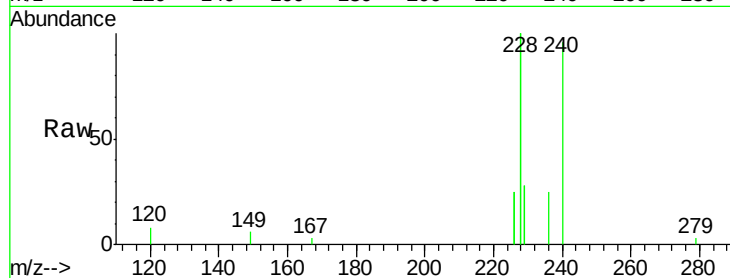




#27
Benzo(a)anthracene
Concen: 0.23 ng
RT: 21.77 min Scan# 1375
Delta R.T. 0.07 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

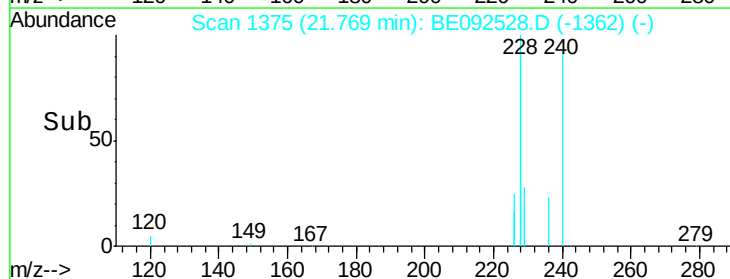
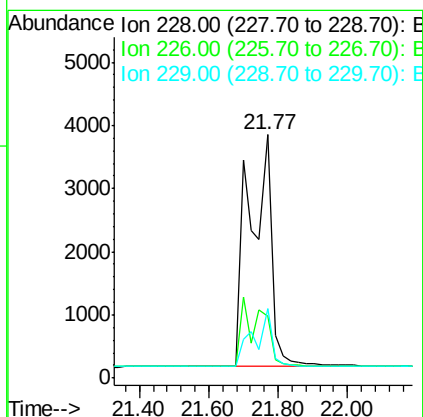
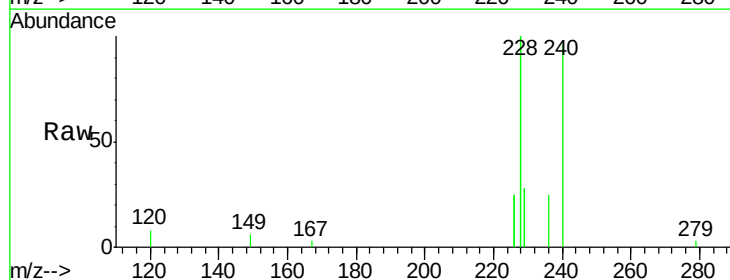
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

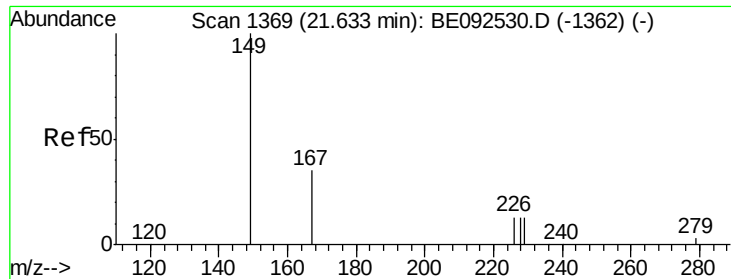
Tgt Ion:228 Resp: 16350
Ion Ratio Lower Upper
228 100
226 25.4 23.6 35.4
229 28.5 13.3 19.9#



#28
Chrysene
Concen: 0.21 ng
RT: 21.77 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:228 Resp: 16473
Ion Ratio Lower Upper
228 100
226 25.4 36.3 54.5#
229 28.5 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.63 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

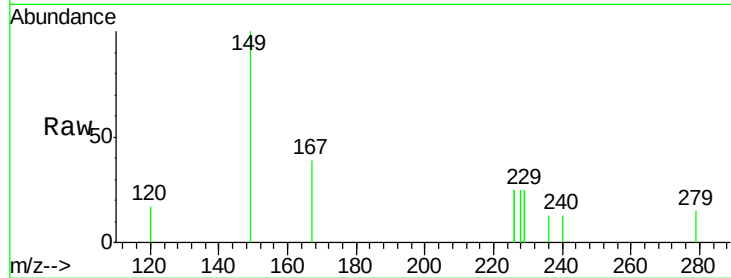
Tgt Ion:149 Resp: 662

Ion Ratio Lower Upper

149 100

167 23.9 16.0 24.0

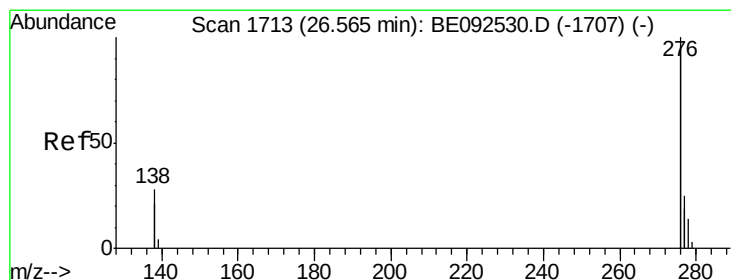
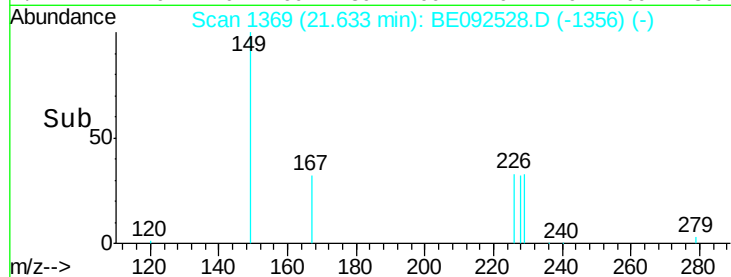
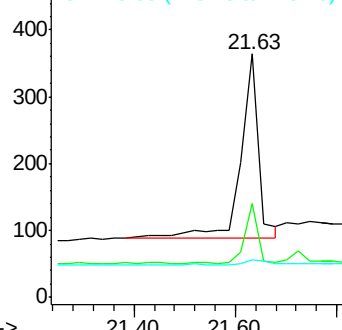
279 3.5 16.0 24.0#



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: 0.12 ng

RT: 26.58 min Scan# 1714

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

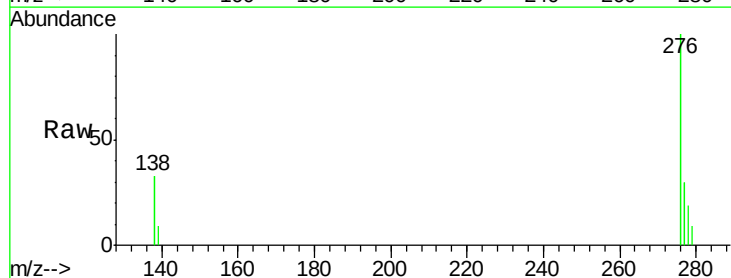
Tgt Ion:276 Resp: 9082

Ion Ratio Lower Upper

276 100

138 25.2 20.3 30.5

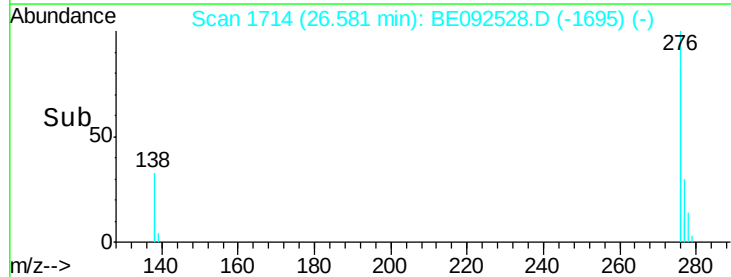
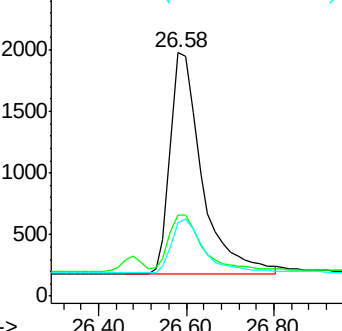
277 24.9 19.7 29.5

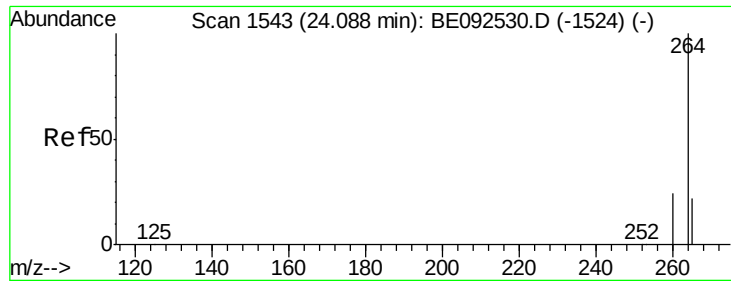


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.09 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

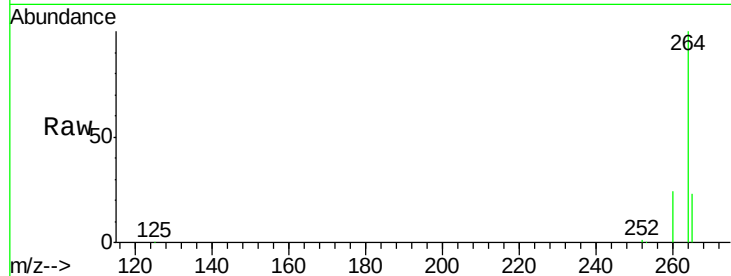
Tgt Ion:264 Resp: 70938

Ion Ratio Lower Upper

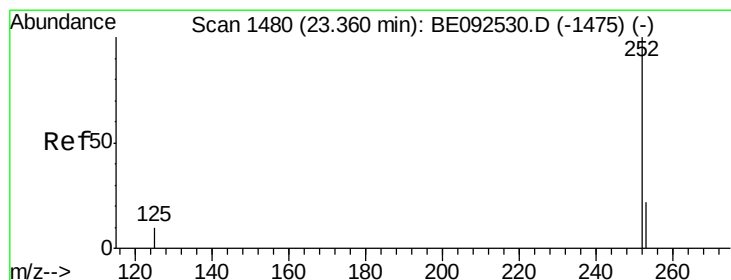
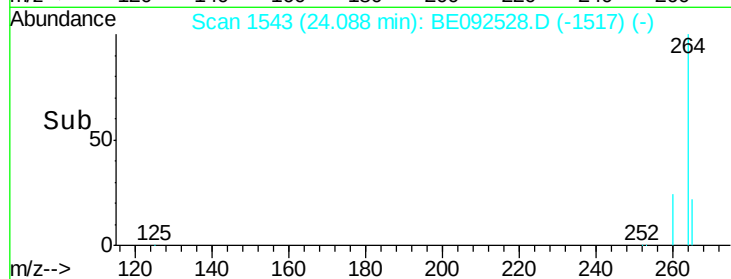
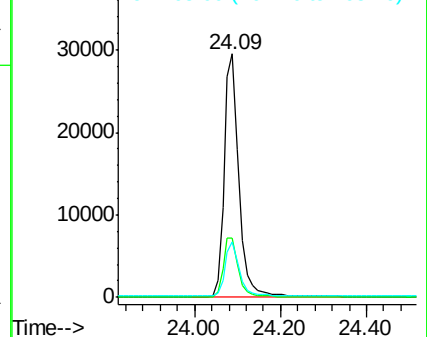
264 100

260 24.2 20.1 30.1

265 22.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 0.08 ng

RT: 23.36 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

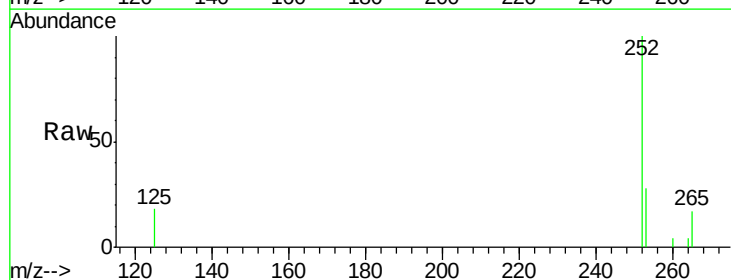
Tgt Ion:252 Resp: 2030

Ion Ratio Lower Upper

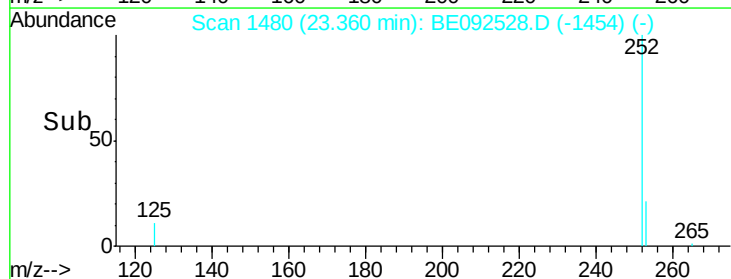
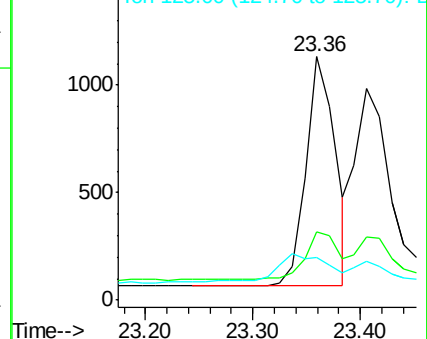
252 100

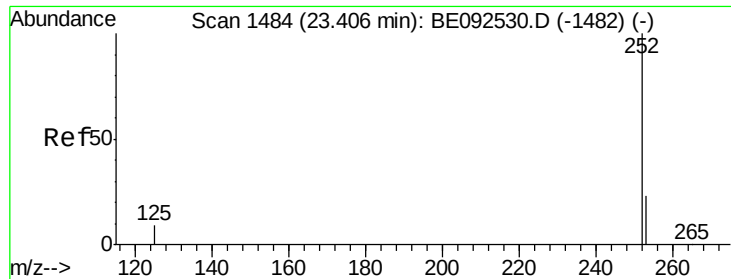
253 28.2 18.7 28.1#

125 17.7 10.5 15.7#



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





#33

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 23.41 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

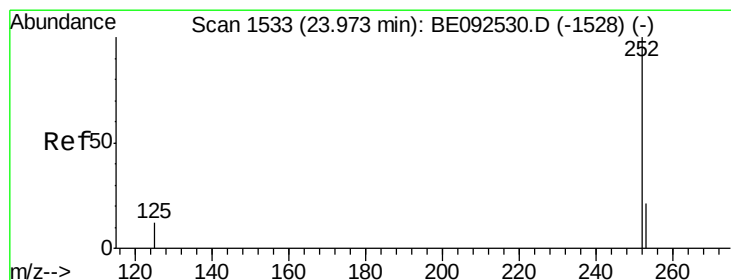
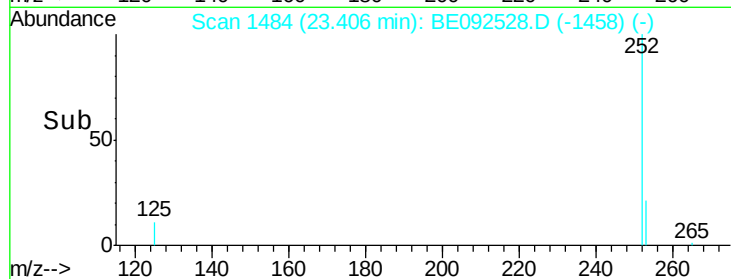
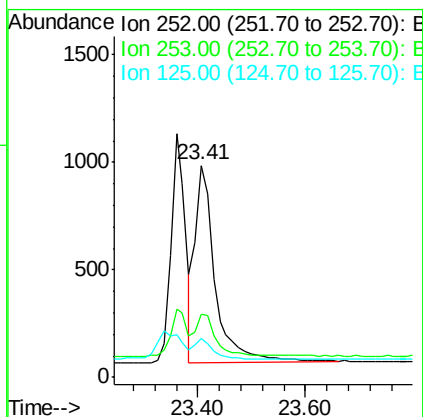
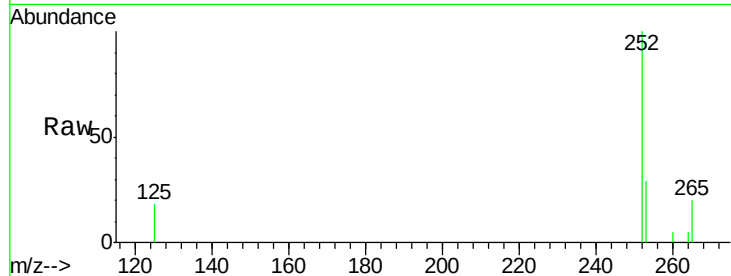
Tgt Ion:252 Resp: 2316

Ion Ratio Lower Upper

252 100

253 29.5 20.3 30.5

125 18.1 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

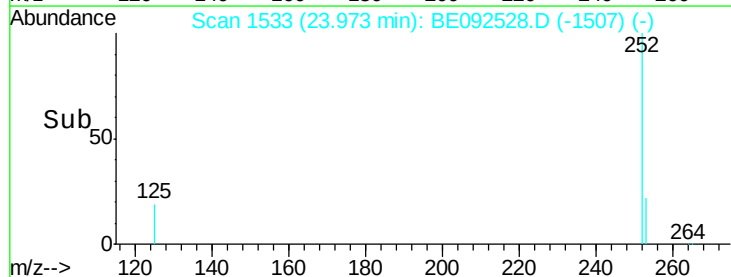
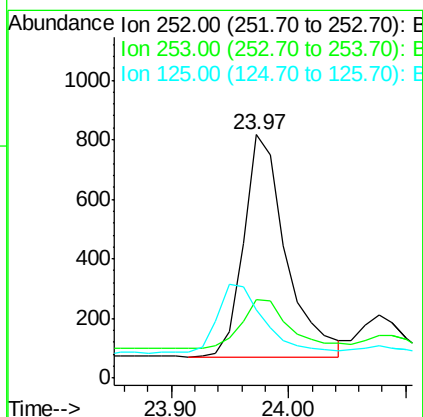
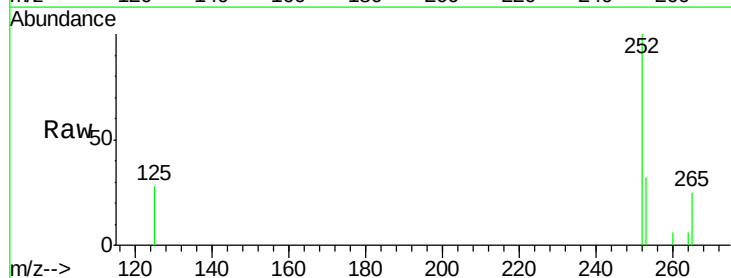
Tgt Ion:252 Resp: 1875

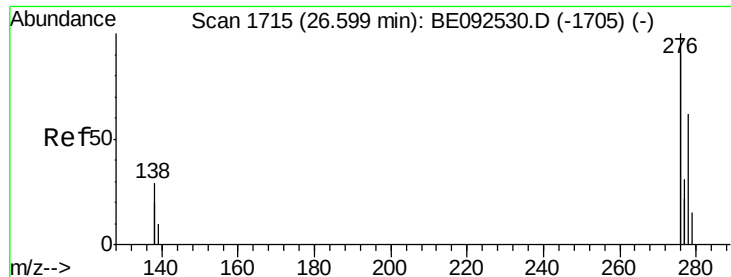
Ion Ratio Lower Upper

252 100

253 32.4 19.0 28.6#

125 27.9 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 26.62 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

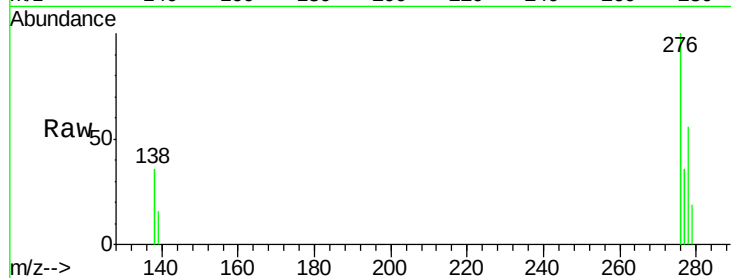
Tgt Ion: 278 Resp: 1832

Ion Ratio Lower Upper

278 100

139 27.8 13.8 20.8#

279 34.2 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

26.62

400

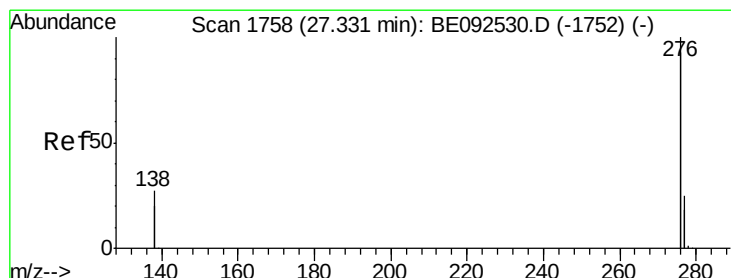
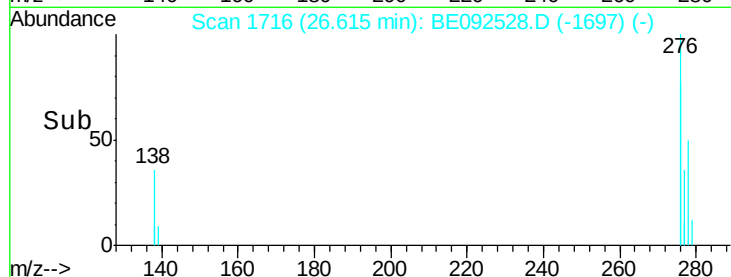
300

200

100

0

Time--> 26.20 26.40 26.60 26.80



#36

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 27.35 min Scan# 1759

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

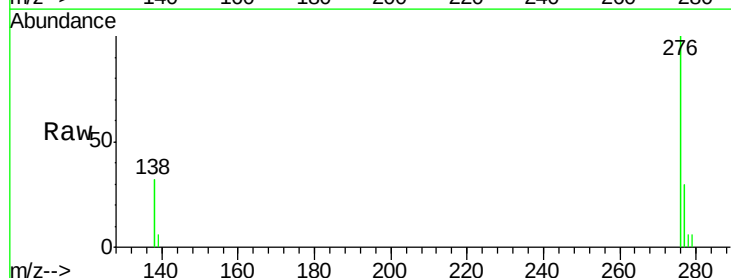
Tgt Ion: 276 Resp: 7943

Ion Ratio Lower Upper

276 100

277 30.4 19.8 29.8#

138 32.3 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

27.35

2500

2000

1500

1000

500

0

Time--> 27.20 27.40 27.60

