

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042017\
 Data File : BE092898.D
 Acq On : 20 Apr 2017 13:54
 Operator : SJ/MA
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Apr 20 16:32:22 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 16:20:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2653	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1165	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3035	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2682	0.40	ng	0.00
33) Perylene-d12	23.69	264	2168	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	152	0.11	ng	0.00
5) Phenol-d6	6.94	99	209	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	180	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	388	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	22	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	568	0.10	ng	0.00
24) Fluoranthene-d10	19.15	212	700	0.10	ng	0.00
28) Terphenyl-d14	19.74	244	512	0.11	ng	0.00

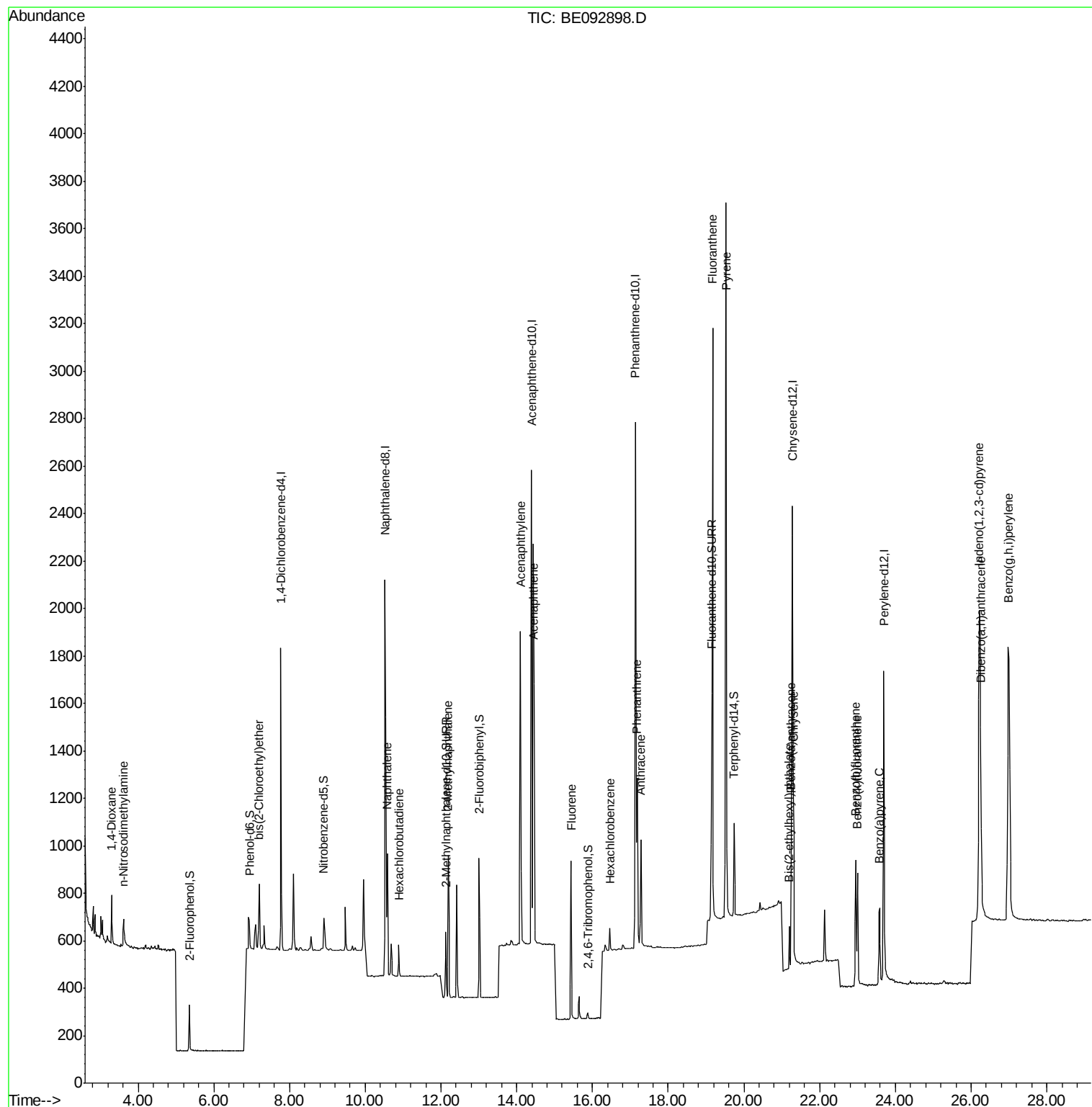
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	132	0.11	ng	100
3) n-Nitrosodimethylamine	3.61	42	81	0.09	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	238	0.10	ng	100
9) Naphthalene	10.58	128	740	0.10	ng	100
10) Hexachlorobutadiene	10.89	225	101	0.10	ng	100
12) 2-Methylnaphthalene	12.19	142	436	0.10	ng	100
16) Acenaphthylene	14.10	152	1762	0.10	ng	100
17) Acenaphthene	14.45	154	371	0.10	ng	94
18) Fluorene	15.44	166	447	0.10	ng	100
20) Hexachlorobenzene	16.47	284	131	0.10	ng	# 100
22) Phenanthrene	17.18	178	876	0.10	ng	100
23) Anthracene	17.27	178	630	0.10	ng	100
25) Fluoranthene	19.17	202	3384	0.10	ng	# 98
27) Pyrene	19.53	202	3757	0.11	ng	# 100
29) Benzo(a)anthracene	21.25	228	659	0.11	ng	100
30) Chrysene	21.30	228	847	0.11	ng	100
31) Bis(2-ethylhexyl)phthalate	21.20	149	199	0.12	ng	# 100
32) Indeno(1,2,3-cd)pyrene	26.22	276	2961	0.11	ng	100
34) Benzo(b)fluoranthene	22.95	252	728	0.10	ng	100
35) Benzo(k)fluoranthene	22.99	252	684	0.10	ng	100
36) Benzo(a)pyrene	23.58	252	572	0.10	ng	100
37) Dibenzo(a,h)anthracene	26.25	278	627	0.10	ng	100
38) Benzo(g,h,i)perylene	26.99	276	2910	0.10	ng	100

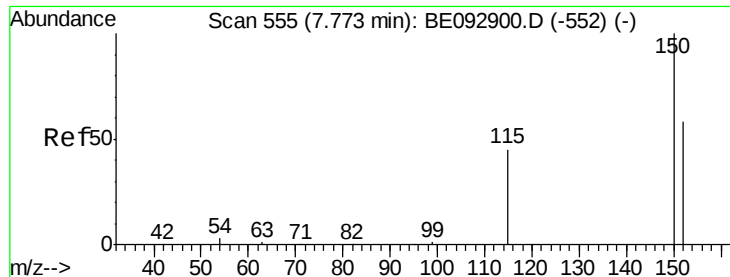
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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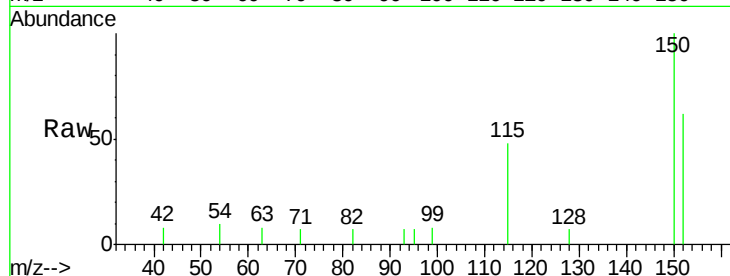


#1

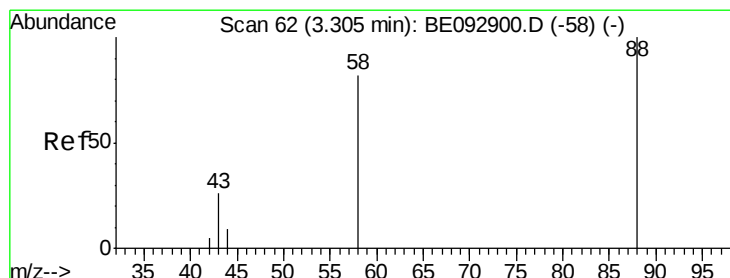
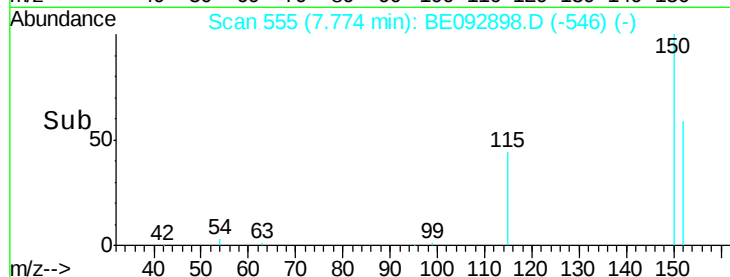
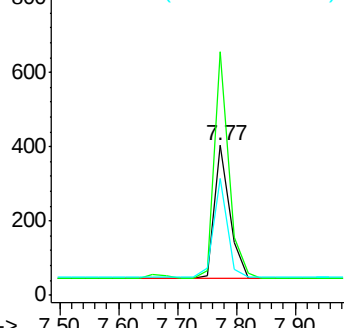
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092898.D
Acq: 20 Apr 2017 13:54

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 152 Resp: 654
Ion Ratio Lower Upper
152 100
150 162.4 129.9 194.9
115 78.2 62.6 93.8



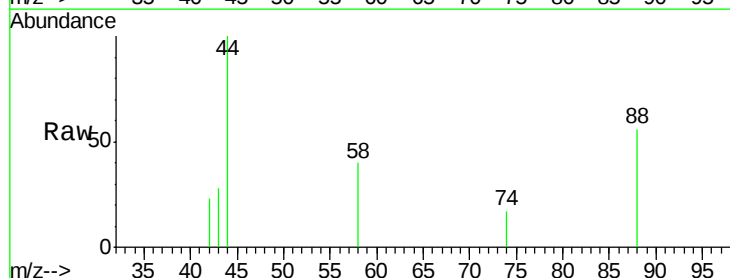
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



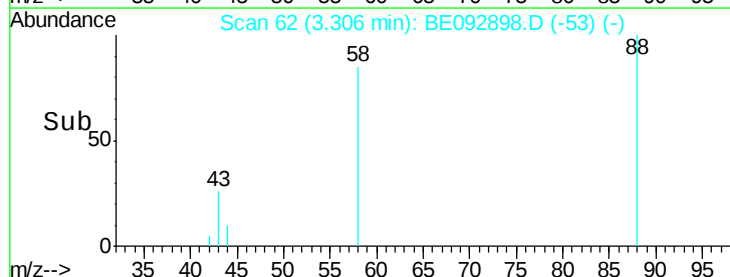
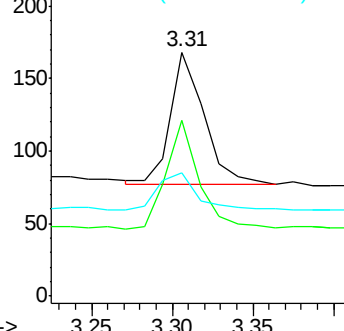
#2

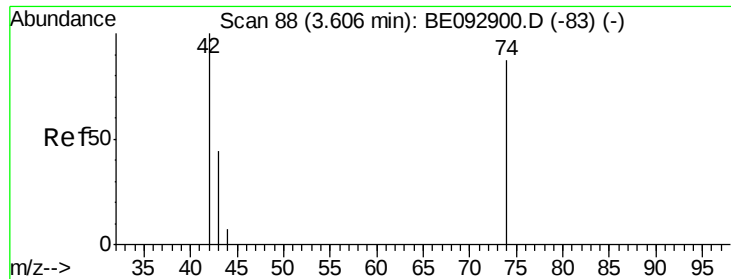
1,4-Dioxane
Concen: 0.11 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092898.D
Acq: 20 Apr 2017 13:54

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
58 81.1 64.9 97.3
43 33.3 26.6 40.0



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



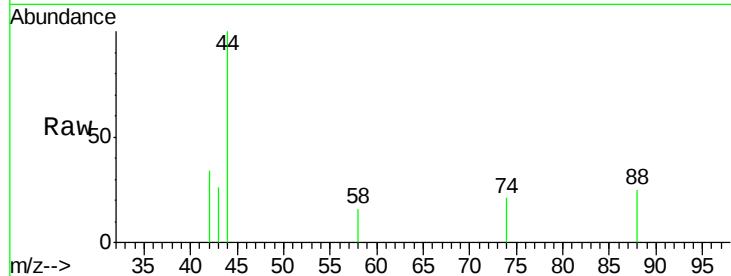


#3

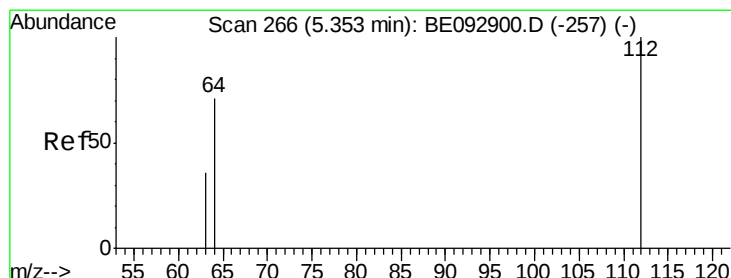
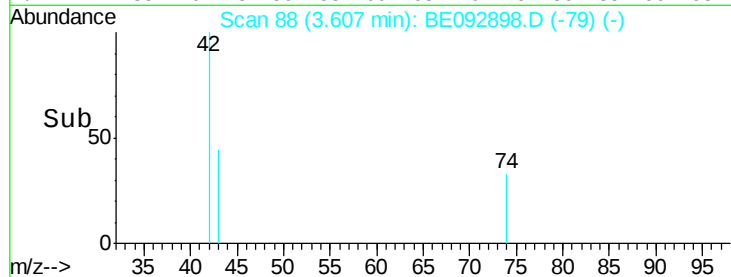
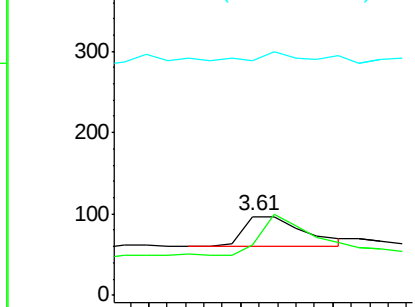
n-Nitrosodimethylamine
 Concen: 0.09 ng
 RT: 3.61 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

Instrument :
 BNA_E
 ClientSampleId :
 SSTDIC0.1

Tgt Ion: 42 Resp: 81
 Ion Ratio Lower Upper
 42 100
 74 133.3 106.6 160.0
 44 32.1 25.7 38.5



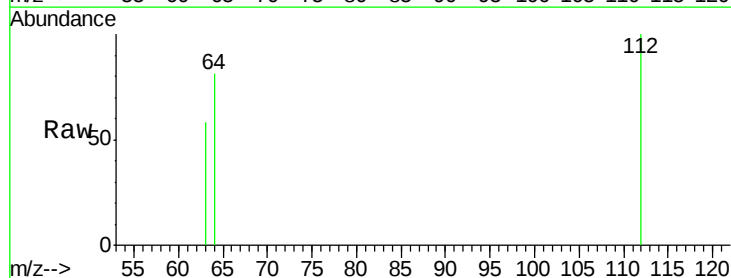
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



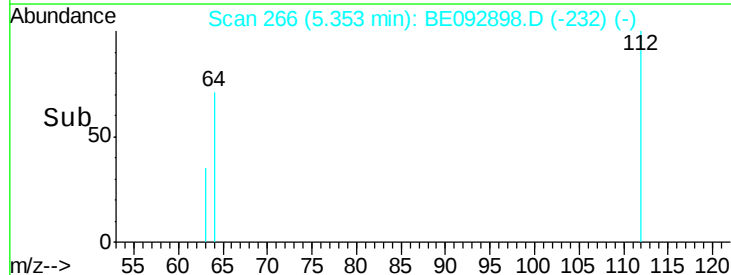
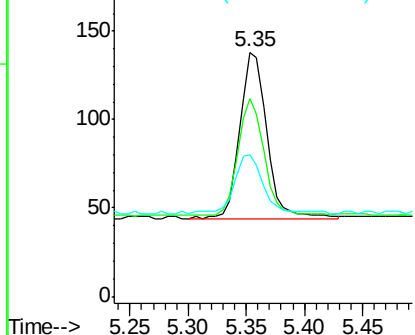
#4

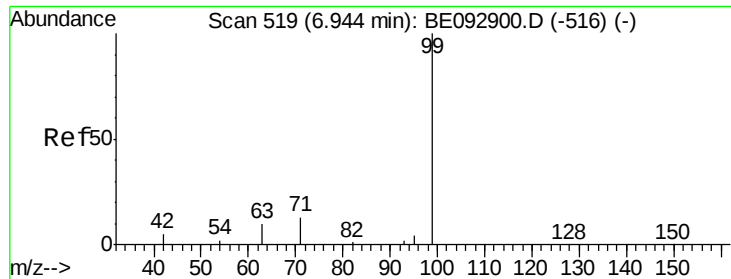
2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.35 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

Tgt Ion: 112 Resp: 152
 Ion Ratio Lower Upper
 112 100
 64 65.8 52.6 79.0
 63 36.2 29.0 43.4



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: 0.11 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

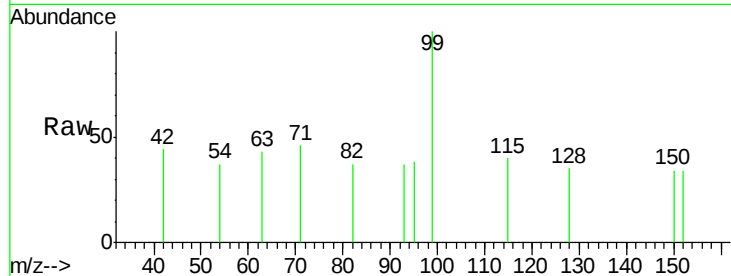
Tgt Ion: 99 Resp: 209

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

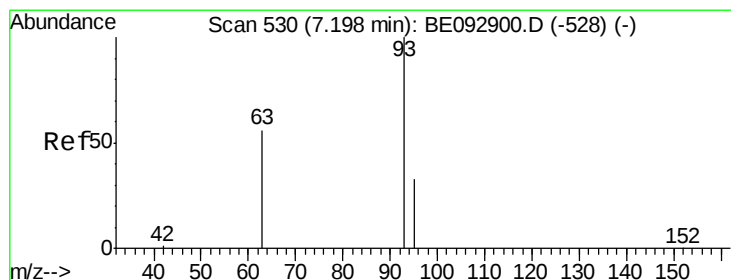
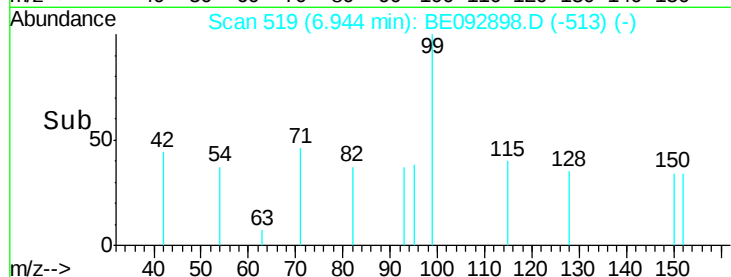
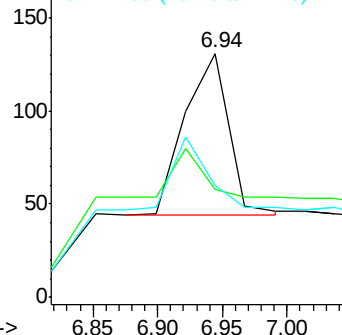
71 0.0 0.0 0.0



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: 0.10 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

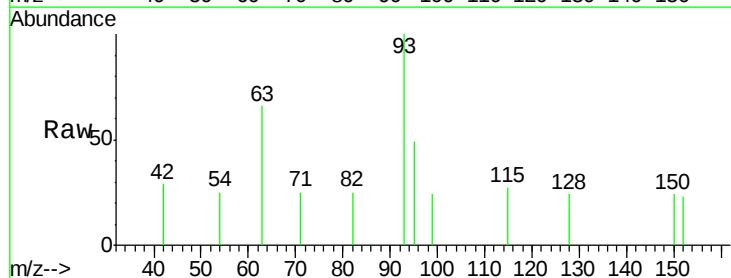
Tgt Ion: 93 Resp: 238

Ion Ratio Lower Upper

93 100

63 76.5 61.2 91.8

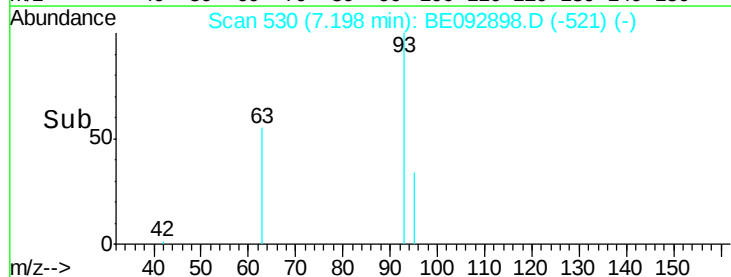
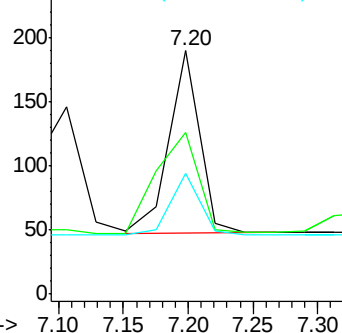
95 31.9 25.5 38.3

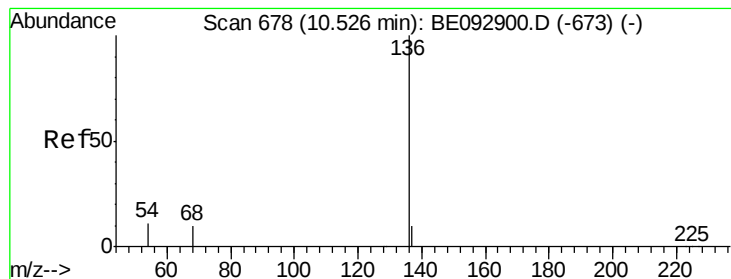


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 2653

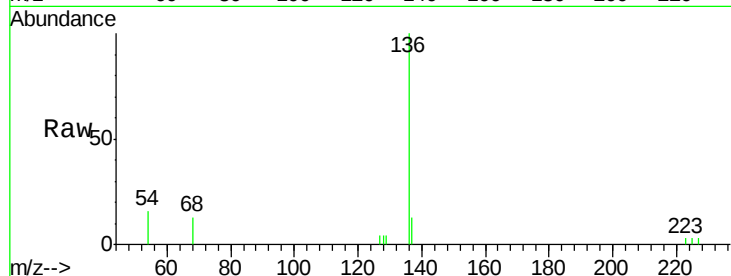
Ion Ratio Lower Upper

136 100

137 13.0 10.4 15.6

54 15.7 12.6 18.8

68 13.4 10.7 16.1

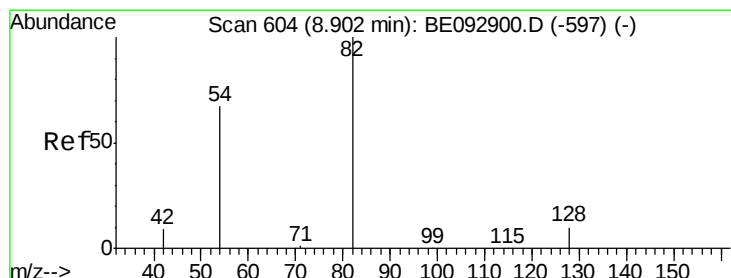
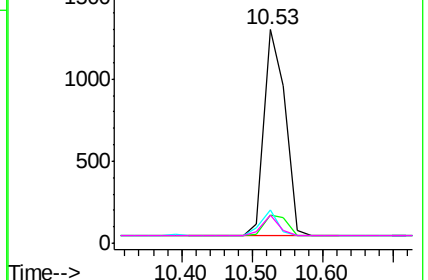
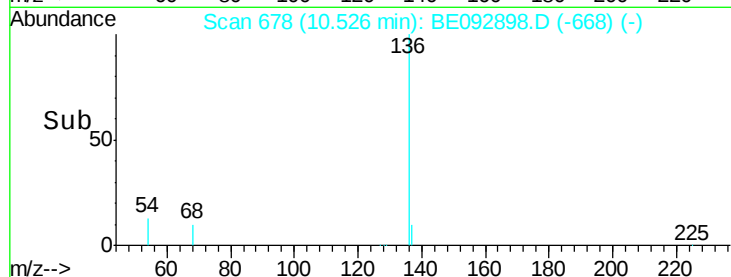


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.10 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

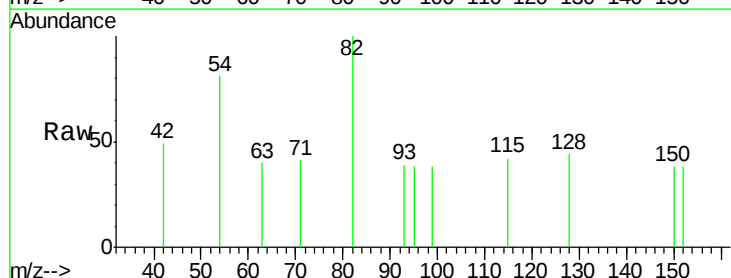
Tgt Ion: 82 Resp: 180

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

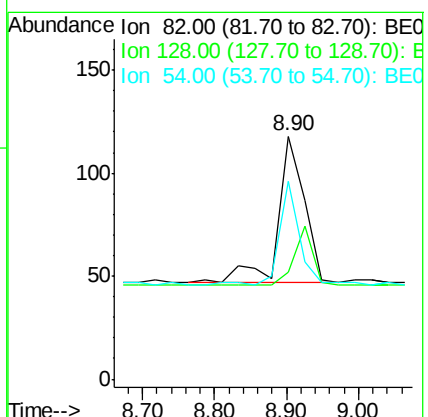
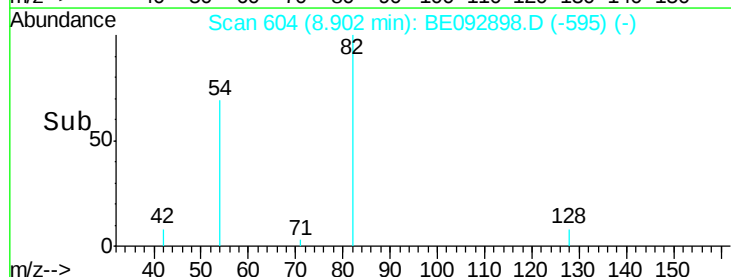
54 81.4 65.1 97.7

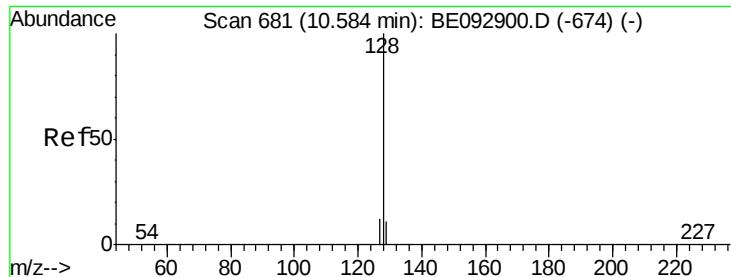


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.10 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

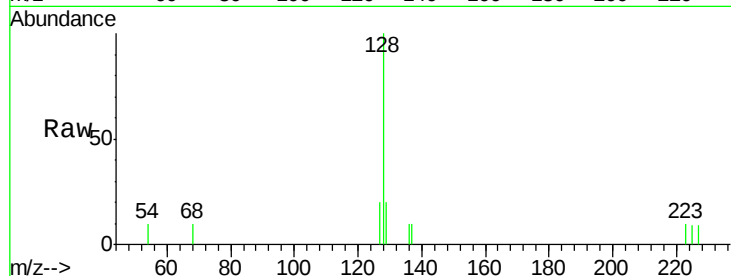
Tgt Ion:128 Resp: 740

Ion Ratio Lower Upper

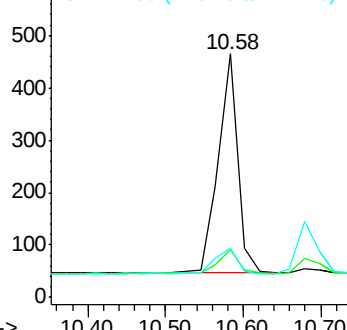
128 100

129 19.8 15.8 23.8

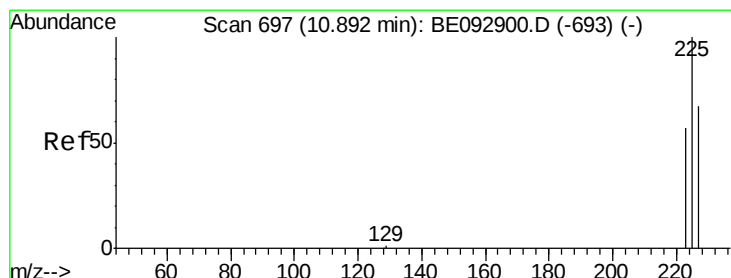
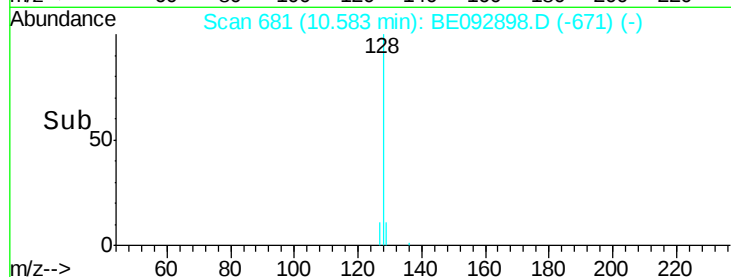
127 20.0 16.0 24.0



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



Time-->



#10

Hexachlorobutadiene

Concen: 0.10 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

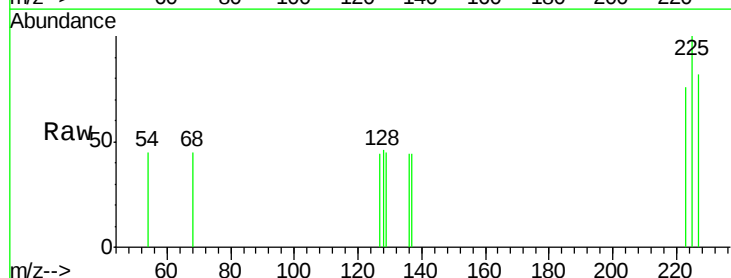
Tgt Ion:225 Resp: 101

Ion Ratio Lower Upper

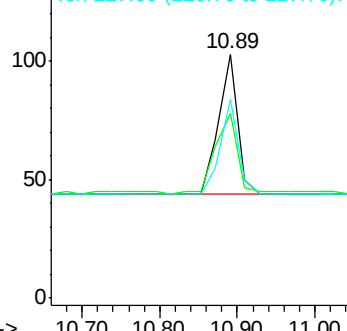
225 100

223 69.3 55.4 83.2

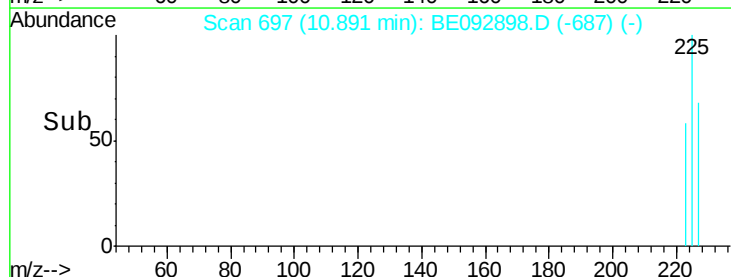
227 65.3 52.2 78.4

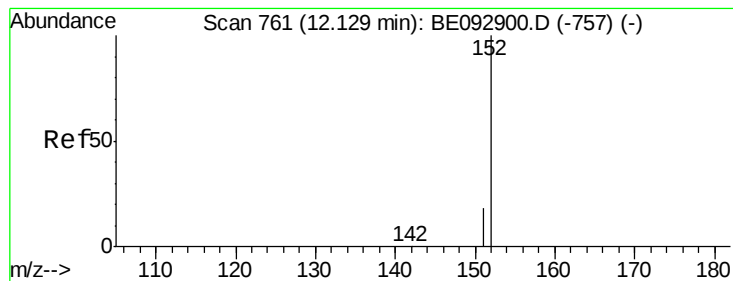


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.10 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

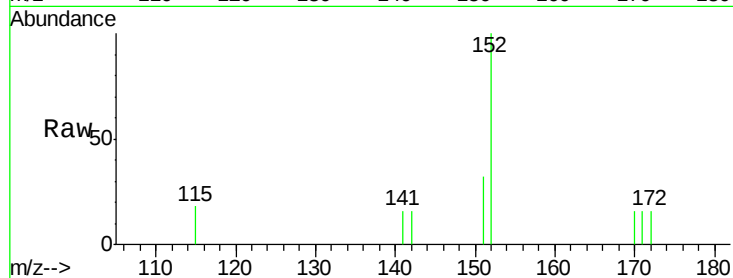
SSTDIC0.1

Tgt Ion:152 Resp: 388

Ion Ratio Lower Upper

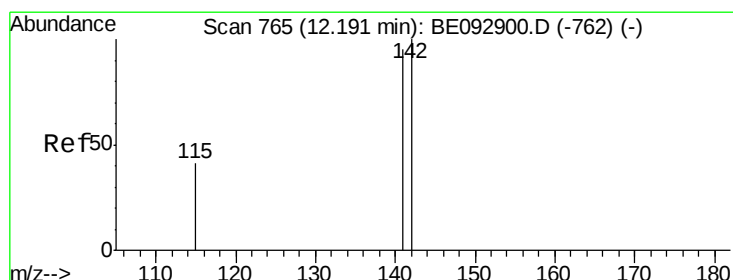
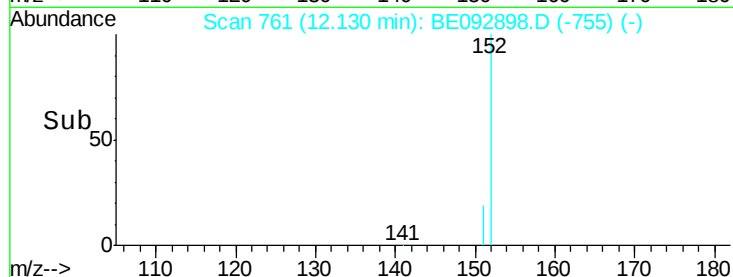
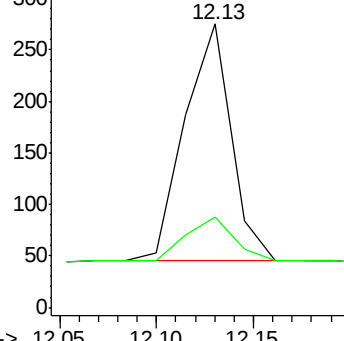
152 100

151 19.6 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

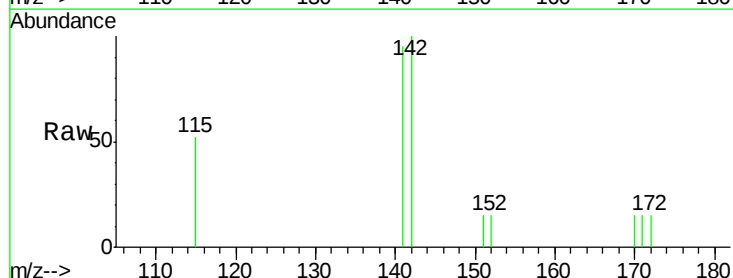
Tgt Ion:142 Resp: 436

Ion Ratio Lower Upper

142 100

141 95.0 76.0 114.0

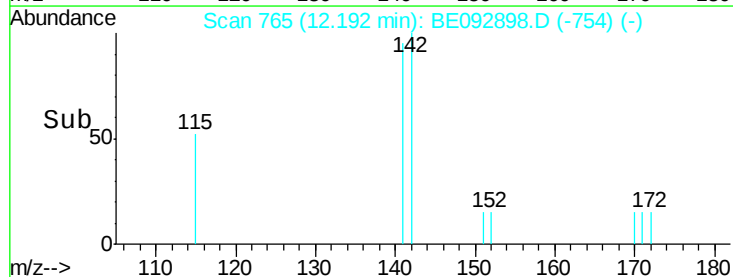
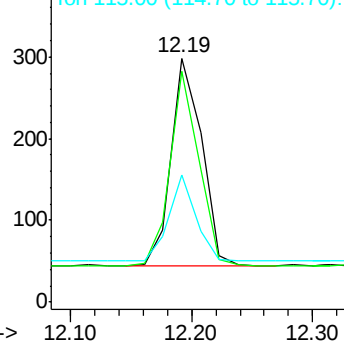
115 52.0 41.6 62.4

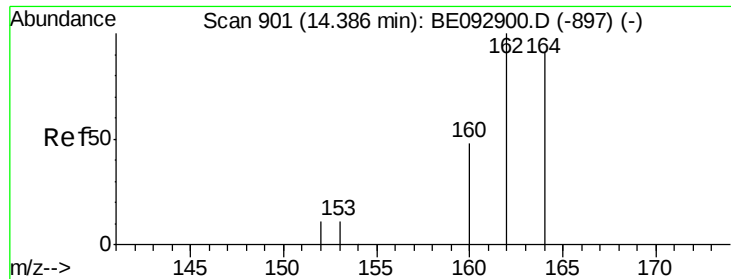


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

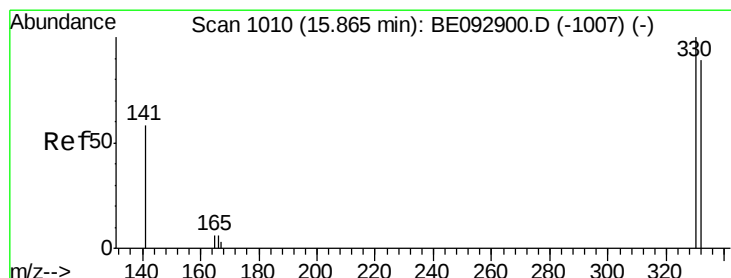
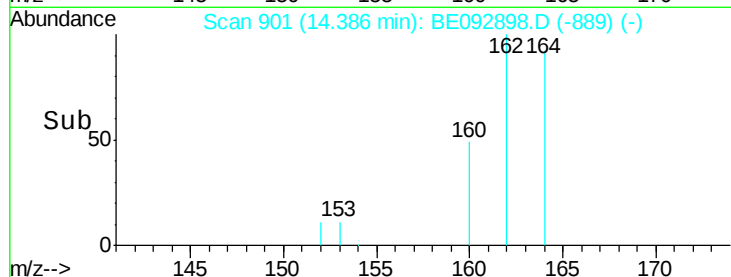
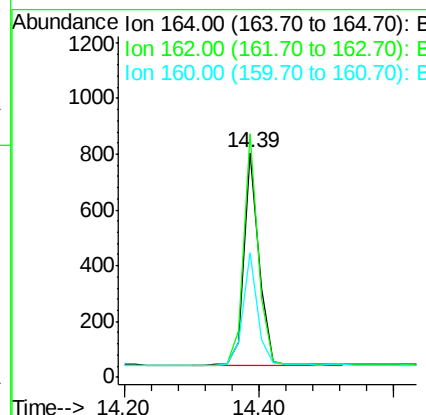
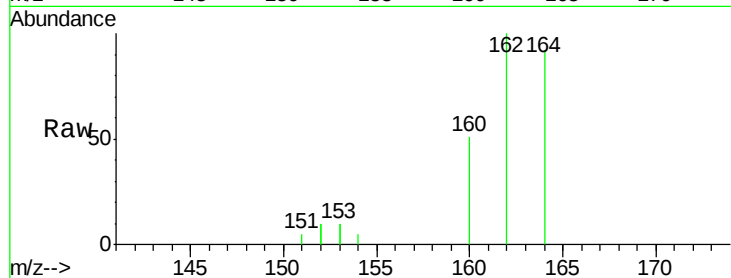




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

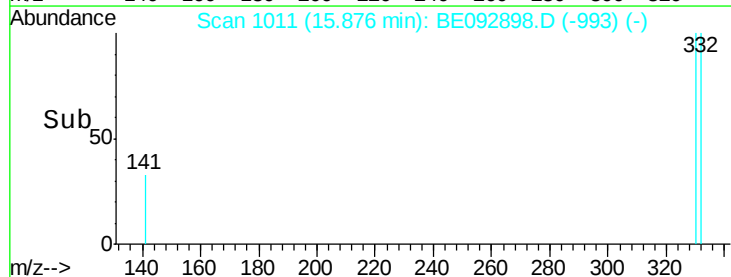
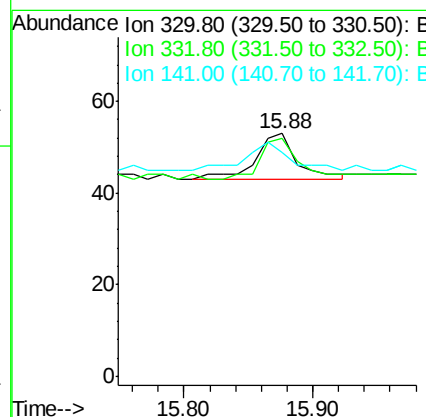
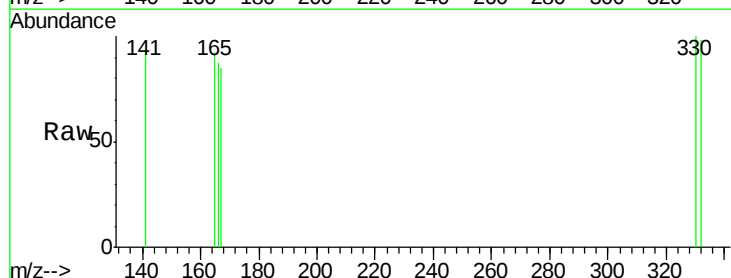
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

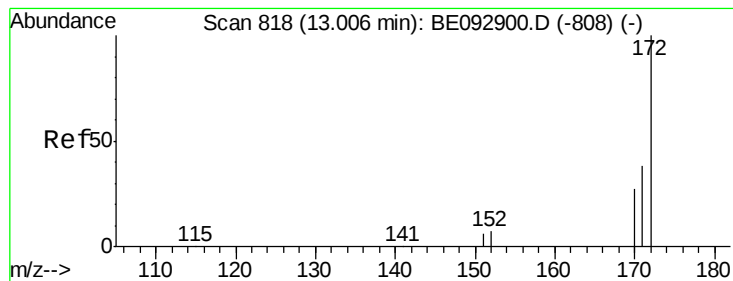
Tgt Ion:164 Resp: 1165
 Ion Ratio Lower Upper
 164 100
 162 108.3 86.6 130.0
 160 55.6 44.5 66.7



#14
 2,4,6-Tribromophenol
 Concen: 0.11 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

Tgt Ion:330 Resp: 22
 Ion Ratio Lower Upper
 330 100
 332 86.4 69.1 103.7
 141 68.2 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.10 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

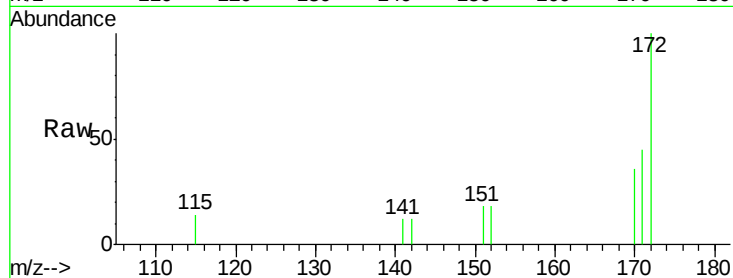
Tgt Ion:172 Resp: 568

Ion Ratio Lower Upper

172 100

171 44.7 35.8 53.6

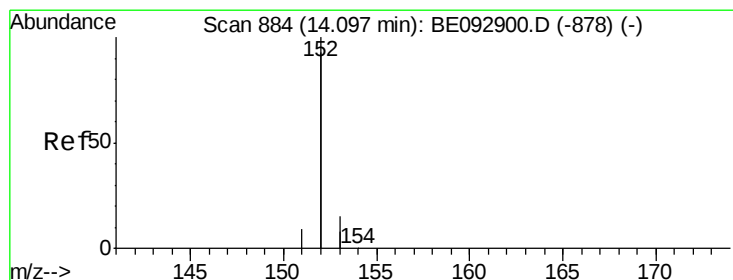
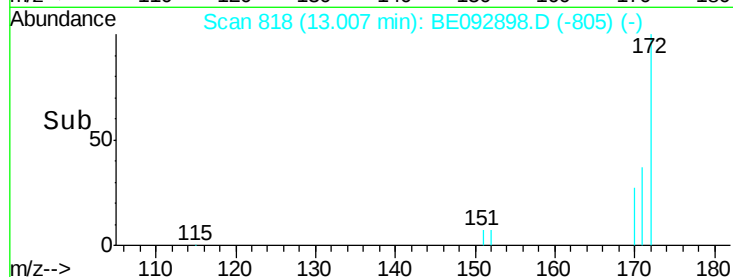
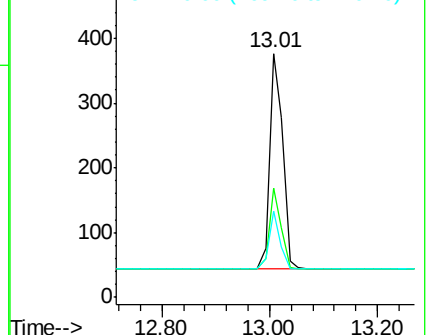
170 35.6 28.5 42.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.10 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

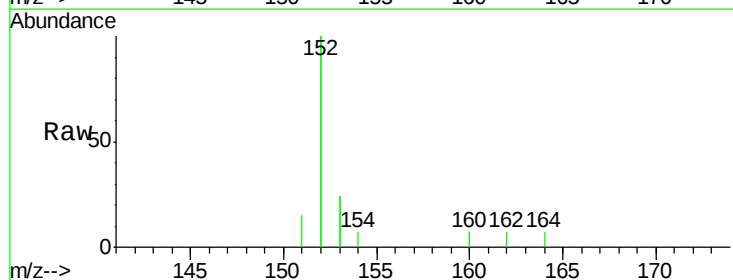
Tgt Ion:152 Resp: 1762

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

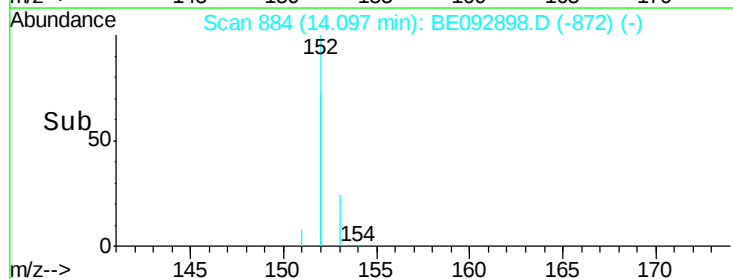
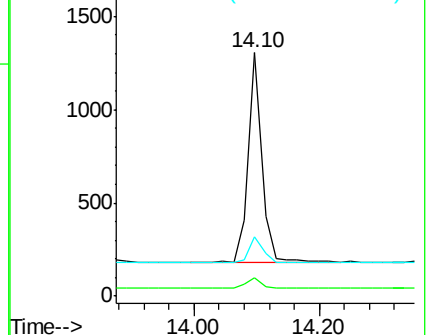
153 12.5 10.0 15.0

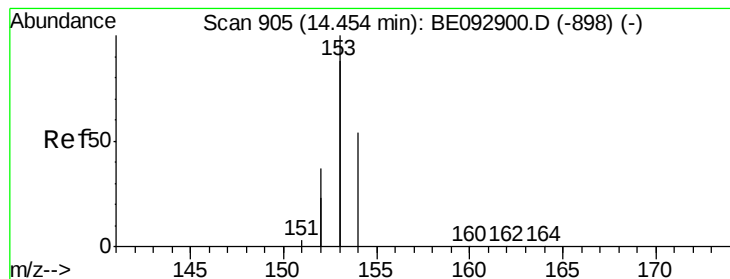


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.10 ng

RT: 14.45 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

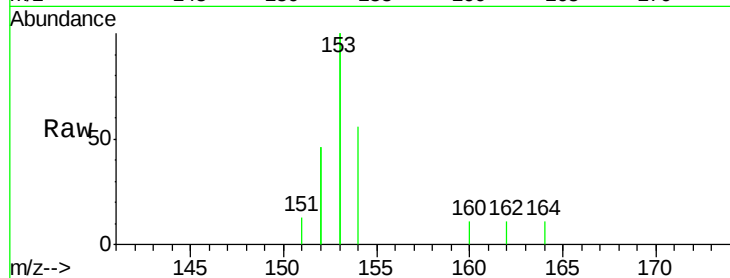
Tgt Ion:154 Resp: 371

Ion Ratio Lower Upper

154 100

153 459.0 355.6 533.4

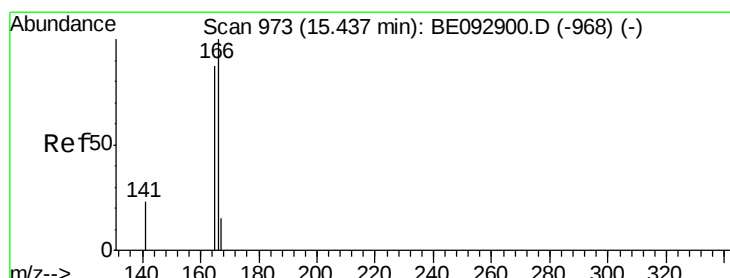
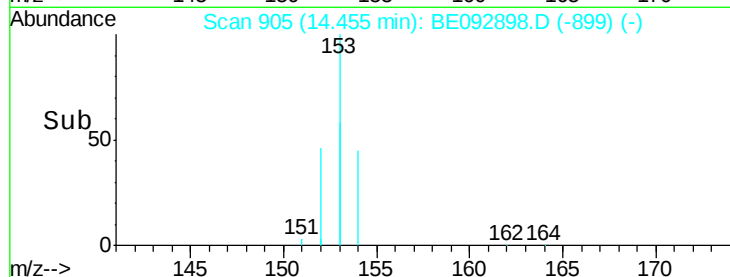
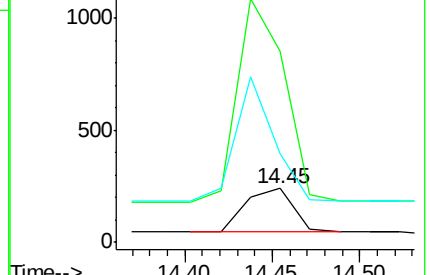
152 233.2 177.8 266.8



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



#18

Fluorene

Concen: 0.10 ng

RT: 15.44 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

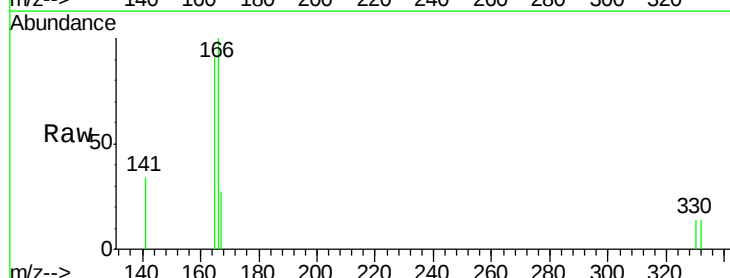
Tgt Ion:166 Resp: 447

Ion Ratio Lower Upper

166 100

165 100.9 80.7 121.1

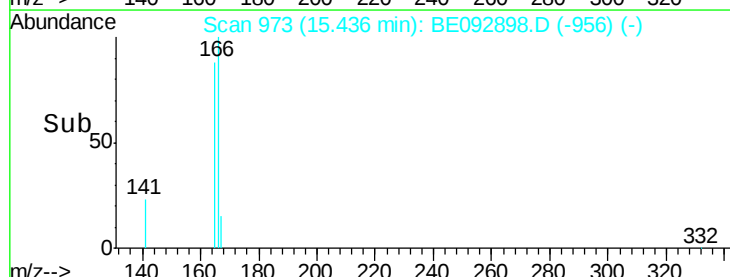
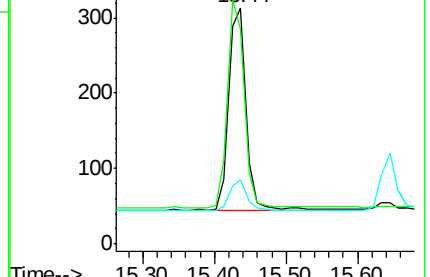
167 14.1 11.3 16.9

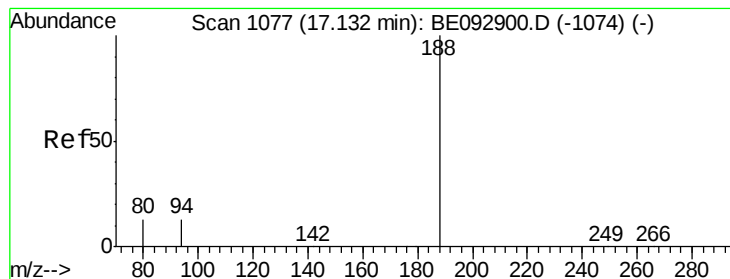


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

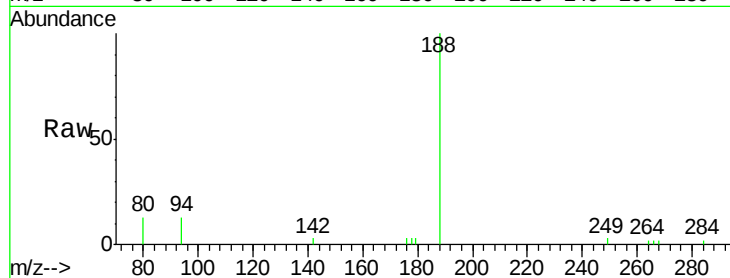
Tgt Ion:188 Resp: 3035

Ion Ratio Lower Upper

188 100

94 12.8 10.2 15.4

80 13.2 10.6 15.8



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

2500

2000

1500

1000

500

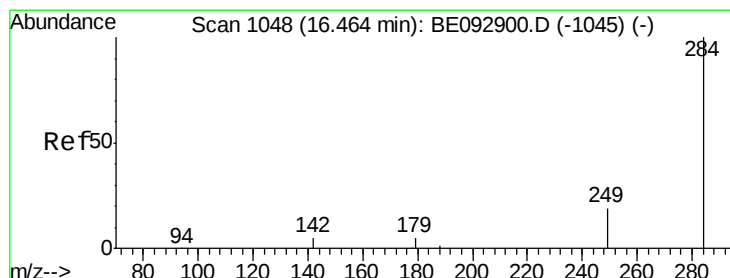
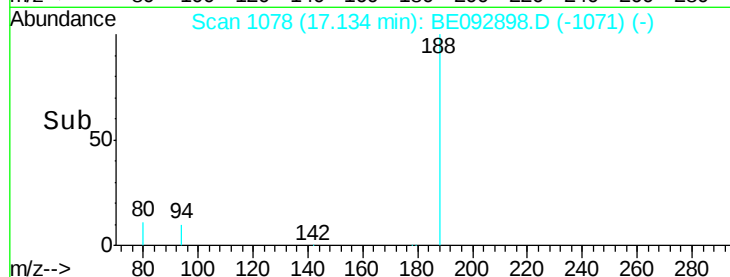
0

17.13

17.10

17.20

Time-->



#20

Hexachlorobenzene

Concen: 0.10 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

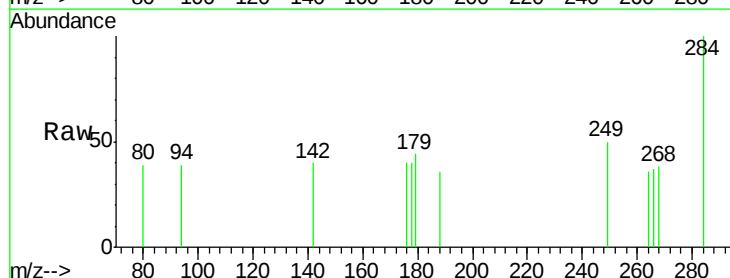
Tgt Ion:284 Resp: 131

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

150

100

50

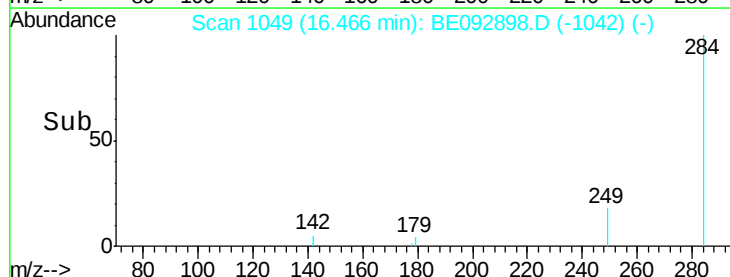
0

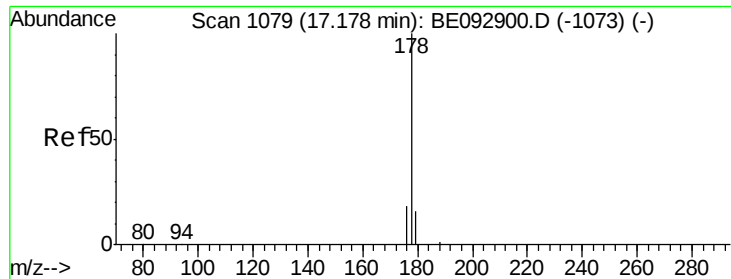
16.47

16.40

16.50

Time-->





#22

Phenanthrene

Concen: 0.10 ng

RT: 17.18 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

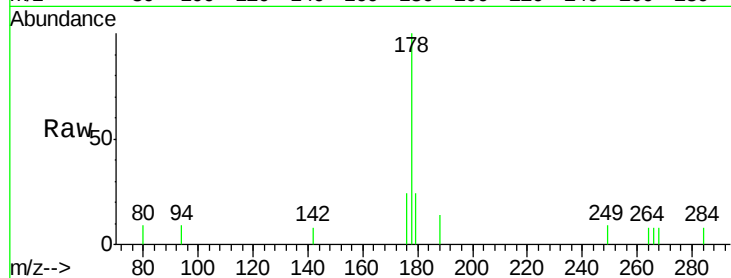
Tgt Ion:178 Resp: 876

Ion Ratio Lower Upper

178 100

176 17.8 14.2 21.4

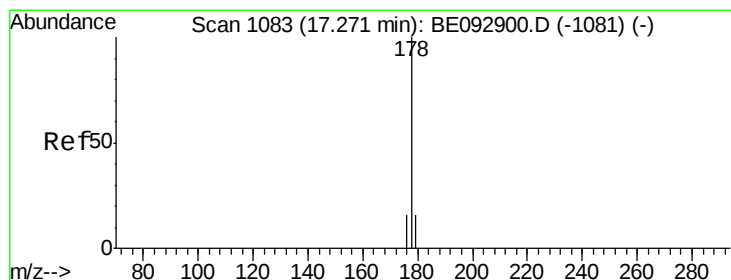
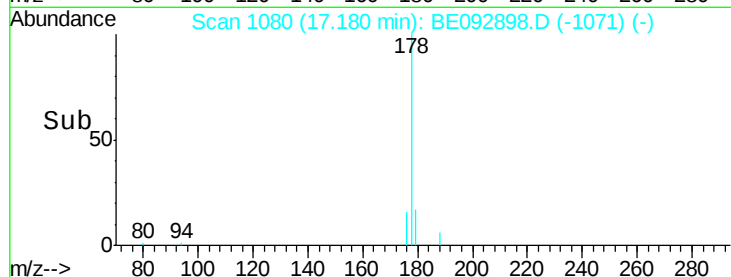
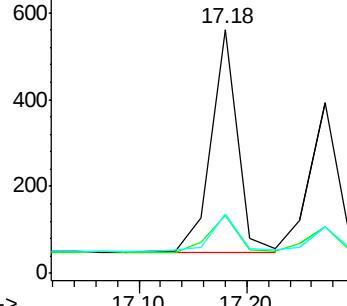
179 17.0 13.6 20.4



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

Anthracene

Concen: 0.10 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

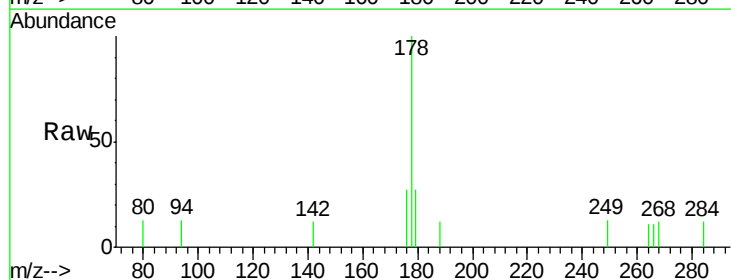
Tgt Ion:178 Resp: 630

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

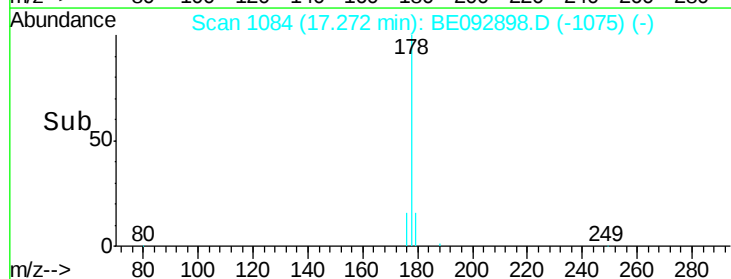
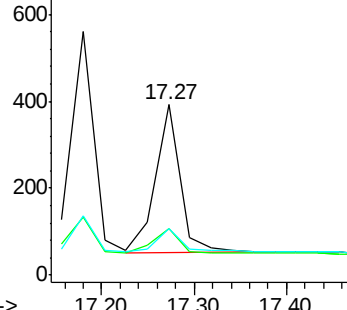
179 16.0 12.8 19.2

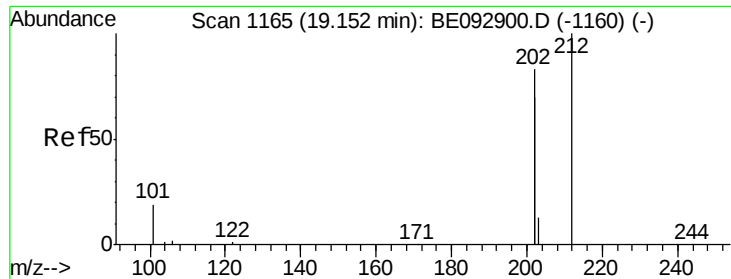


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

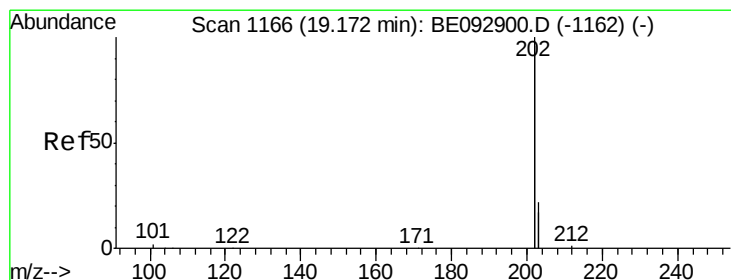
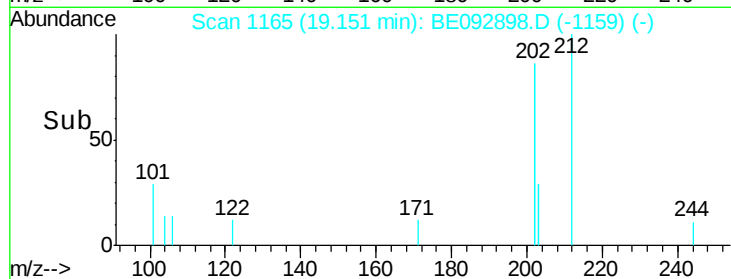
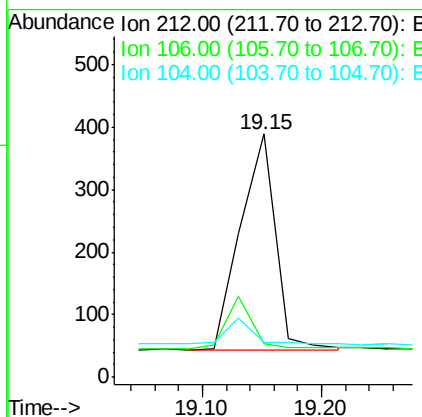
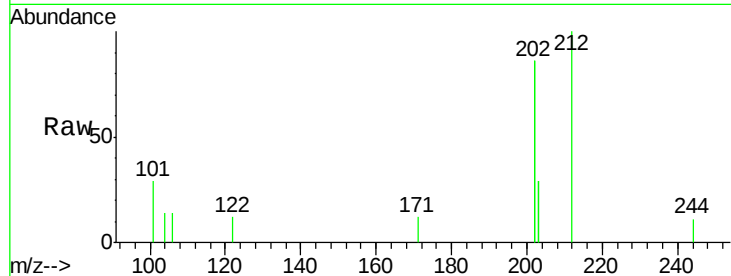




#24
 Fluoranthene-d10
 Concen: 0.10 ng
 RT: 19.15 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

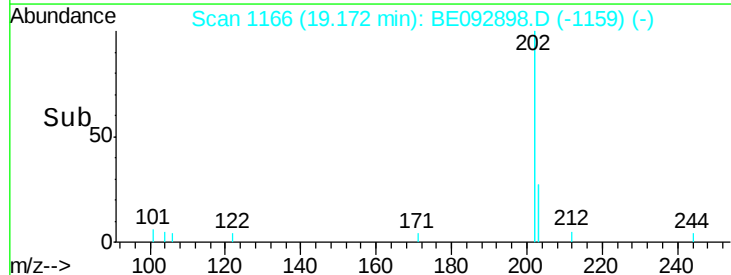
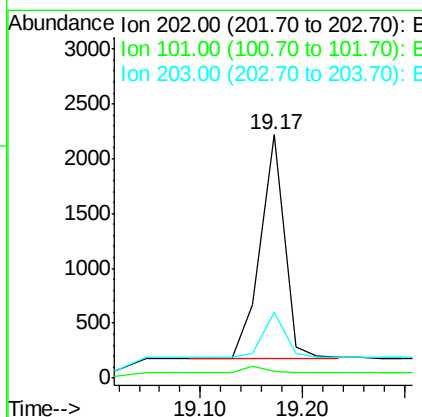
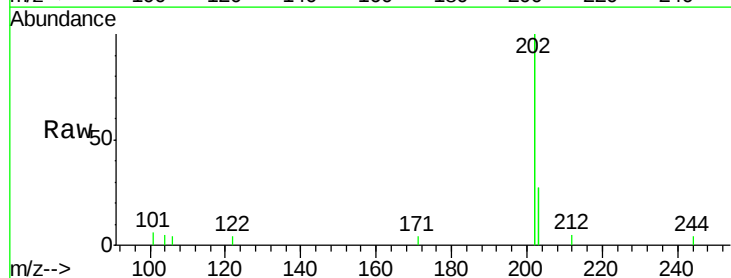
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

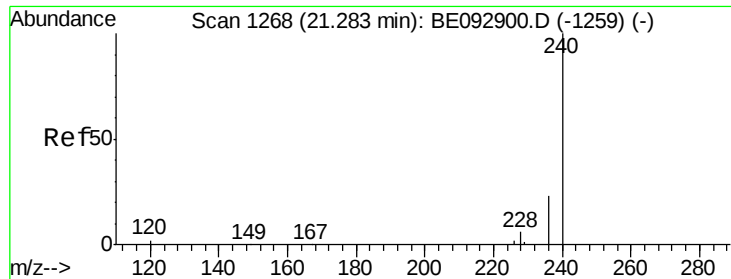
Tgt Ion: 212 Resp: 700
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0



#25
 Fluoranthene
 Concen: 0.10 ng
 RT: 19.17 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BE092898.D
 Acq: 20 Apr 2017 13:54

Tgt Ion: 202 Resp: 3384
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 18.3 15.3 22.9

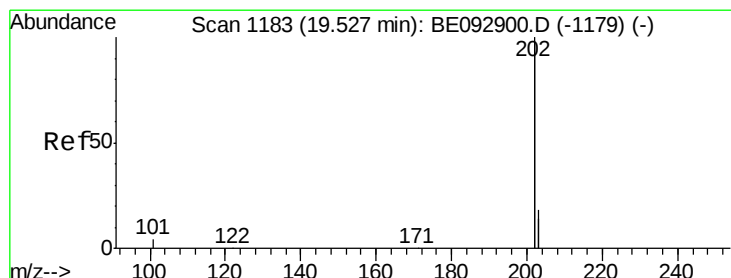
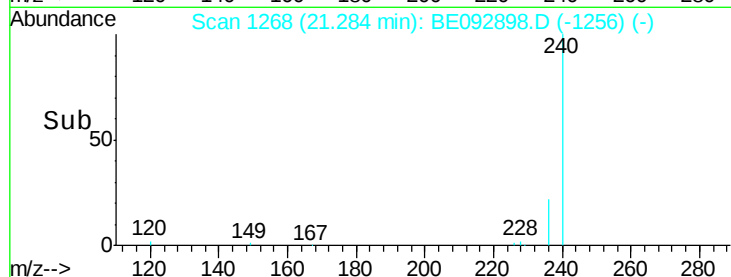
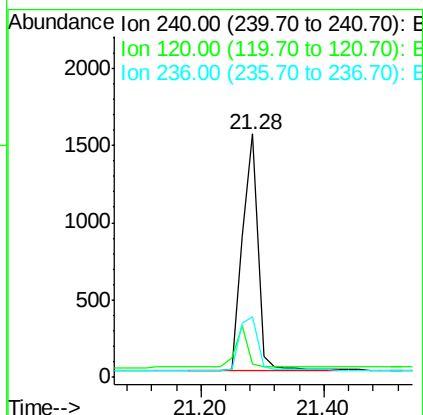
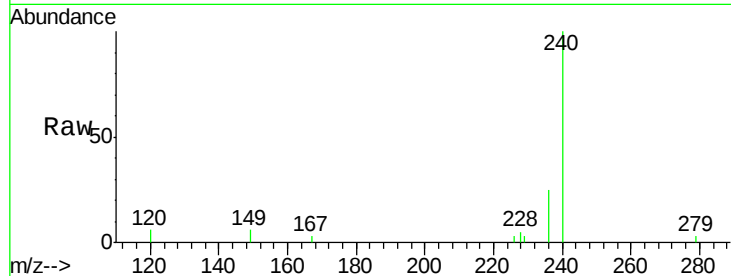




#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092898.D
Acq: 20 Apr 2017 13:54

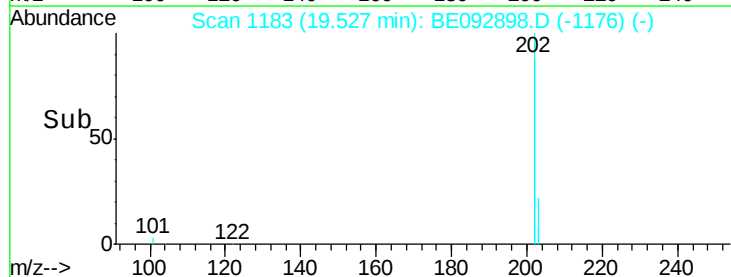
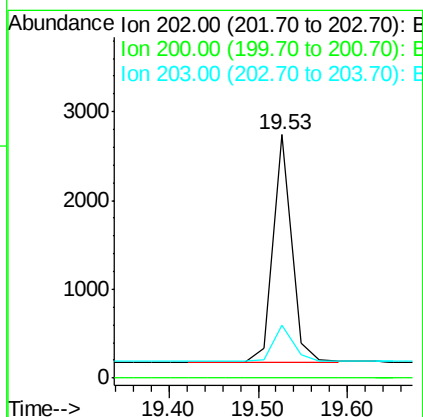
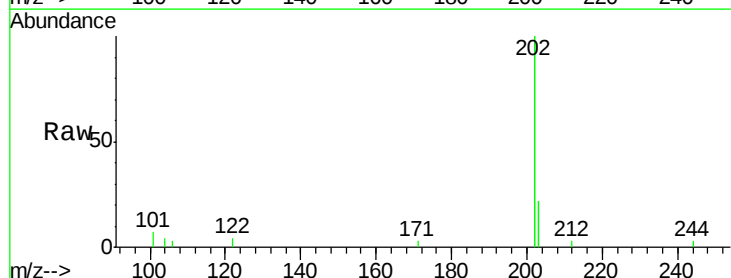
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

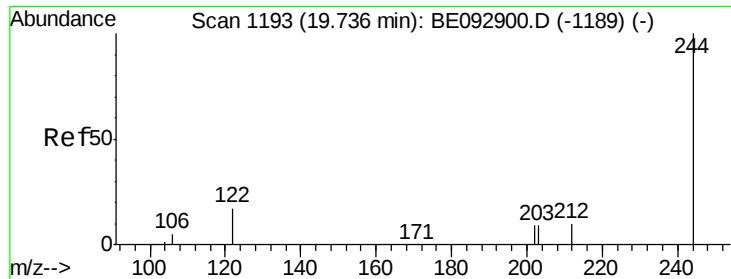
Tgt Ion:240 Resp: 2682
Ion Ratio Lower Upper
240 100
120 5.7 4.6 6.8
236 24.8 19.8 29.8



#27
Pyrene
Concen: 0.11 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092898.D
Acq: 20 Apr 2017 13:54

Tgt Ion:202 Resp: 3757
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 16.9 13.5 20.3





#28

Terphenyl-d14

Concen: 0.11 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

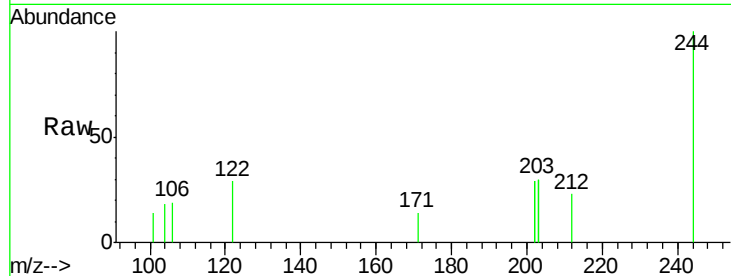
Tgt Ion:244 Resp: 512

Ion Ratio Lower Upper

244 100

212 23.0 18.4 27.6

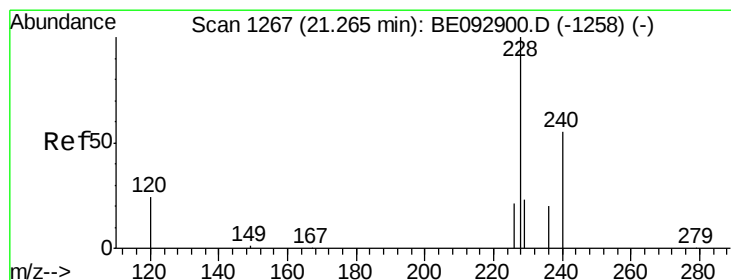
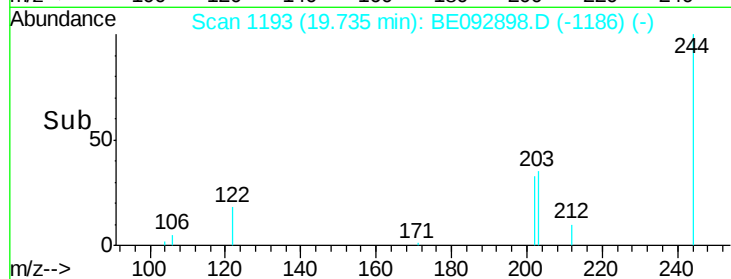
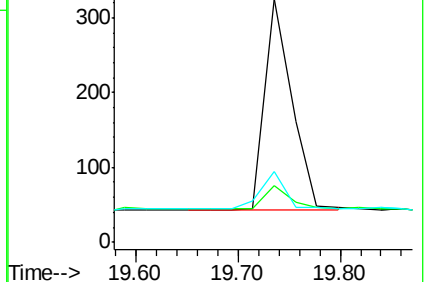
122 29.1 23.3 34.9



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



#29

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.25 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

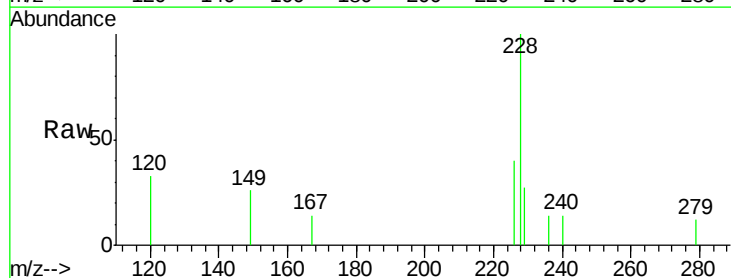
Tgt Ion:228 Resp: 659

Ion Ratio Lower Upper

228 100

226 40.0 32.0 48.0

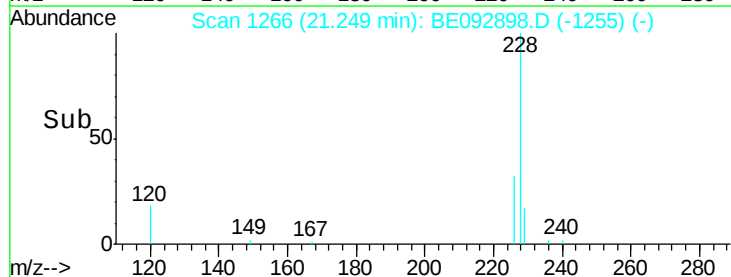
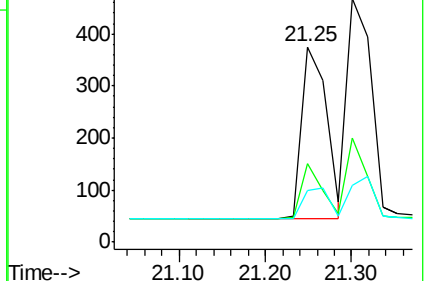
229 26.7 21.4 32.0

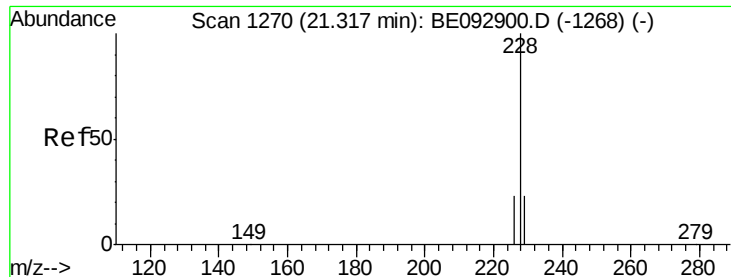


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Chrysene

Concen: 0.11 ng

RT: 21.30 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

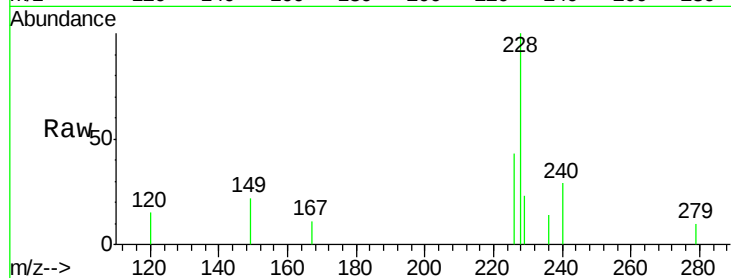
Tgt Ion:228 Resp: 847

Ion Ratio Lower Upper

228 100

226 42.7 34.2 51.2

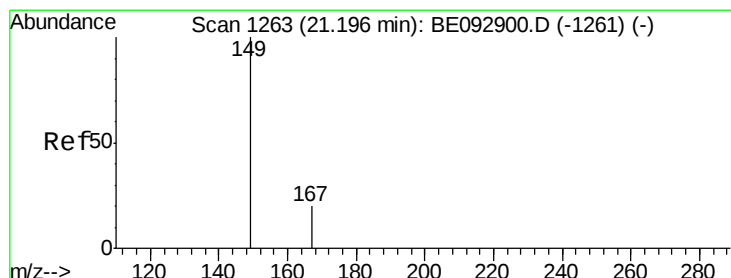
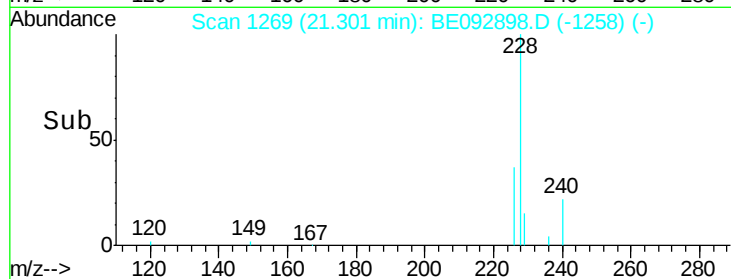
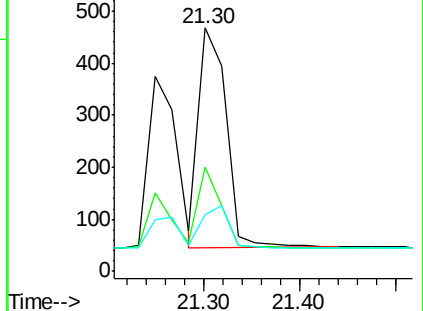
229 23.3 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.20 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

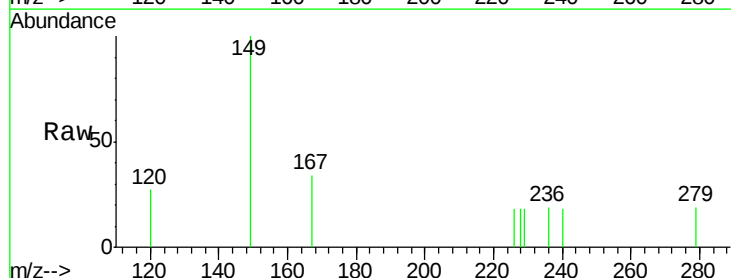
Tgt Ion:149 Resp: 199

Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

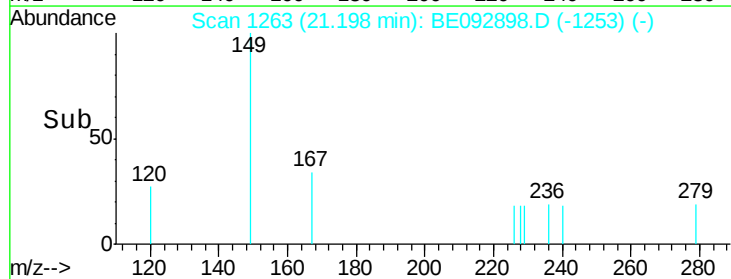
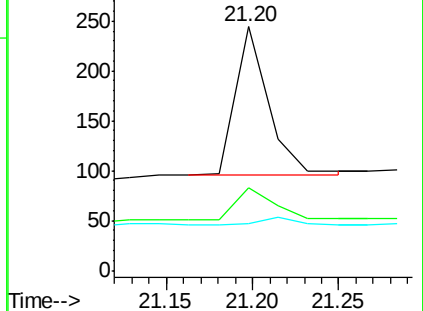
279 0.0 0.0 0.0

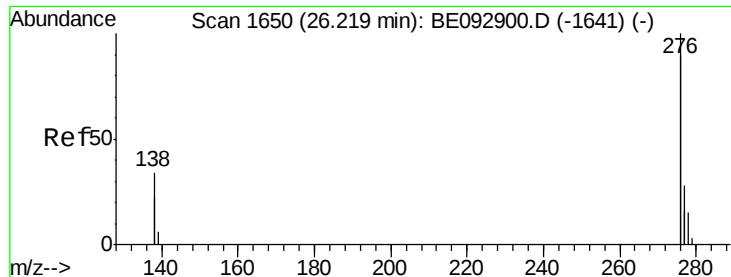


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng

RT: 26.22 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

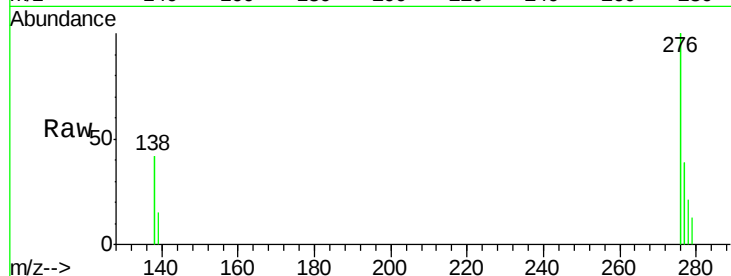
Tgt Ion:276 Resp: 2961

Ion Ratio Lower Upper

276 100

138 32.2 25.8 38.6

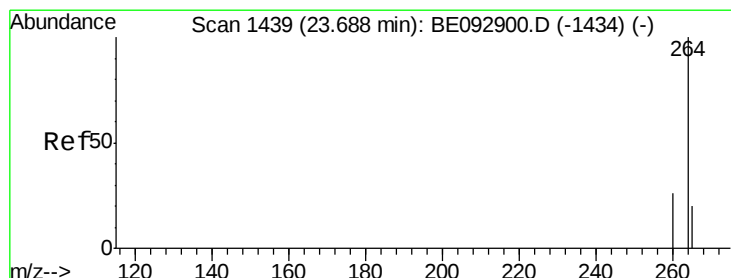
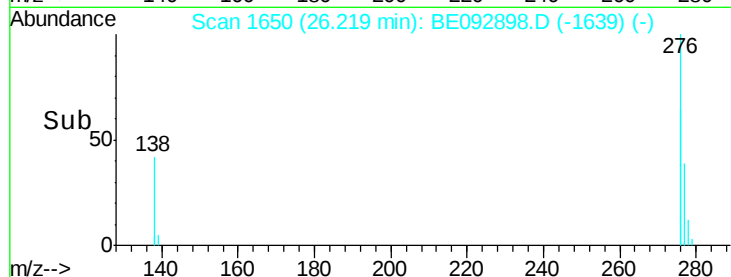
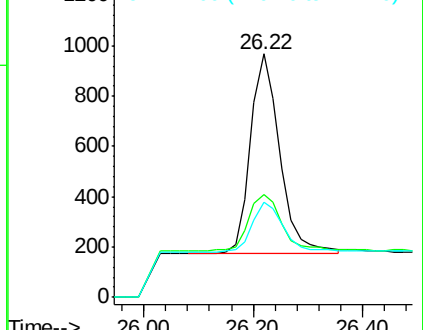
277 25.3 20.2 30.4



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



#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

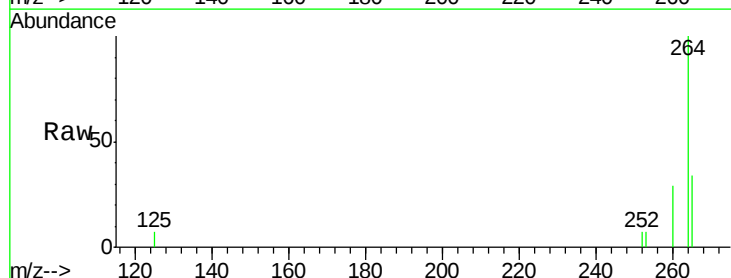
Tgt Ion:264 Resp: 2168

Ion Ratio Lower Upper

264 100

260 29.4 23.5 35.3

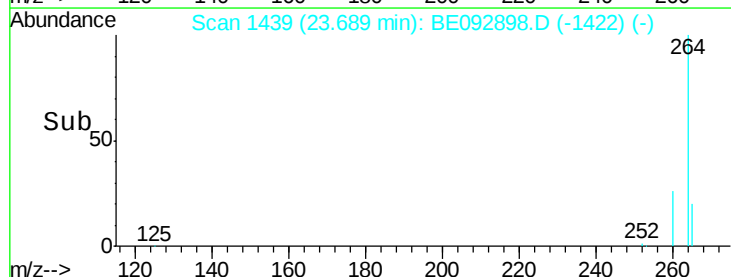
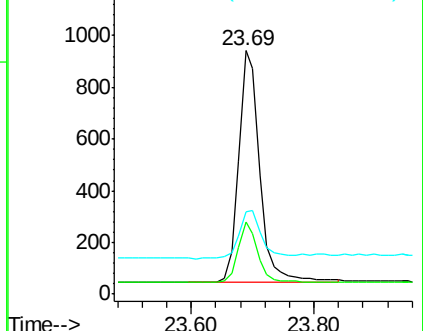
265 34.0 27.2 40.8

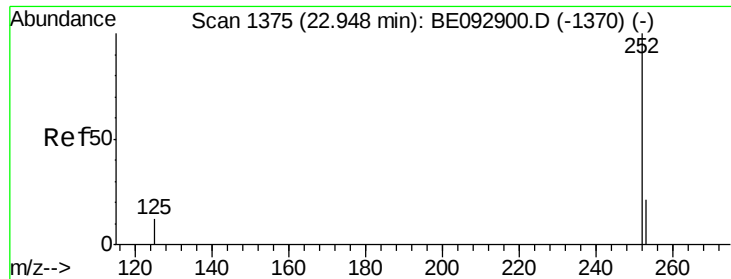


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#34

Benzo(b)fluoranthene

Concen: 0.10 ng

RT: 22.95 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

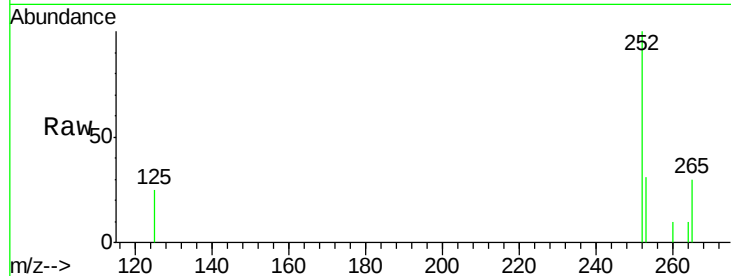
Tgt Ion:252 Resp: 728

Ion Ratio Lower Upper

252 100

253 30.9 24.7 37.1

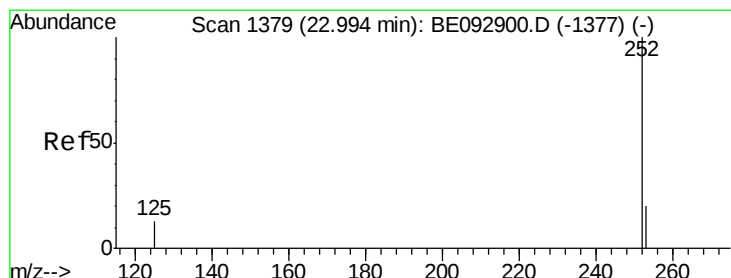
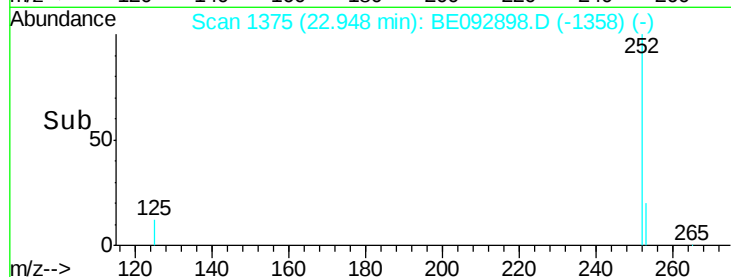
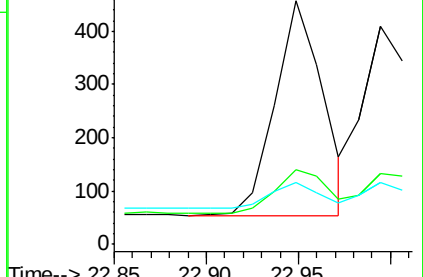
125 25.4 20.3 30.5



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

Benzo(k)fluoranthene

Concen: 0.10 ng

RT: 22.99 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

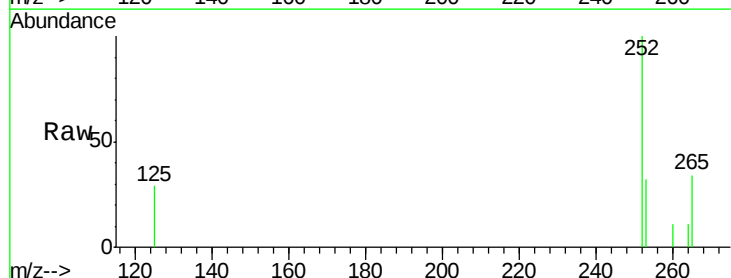
Tgt Ion:252 Resp: 684

Ion Ratio Lower Upper

252 100

253 32.3 25.8 38.8

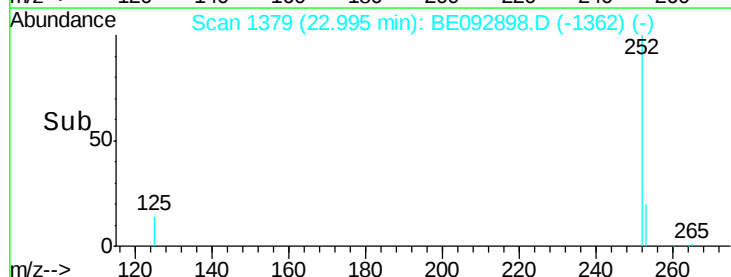
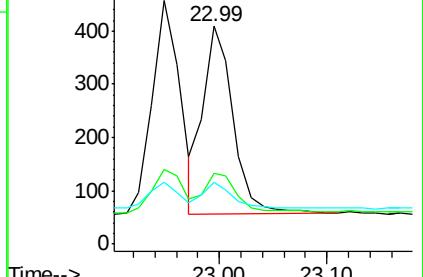
125 28.6 22.9 34.3

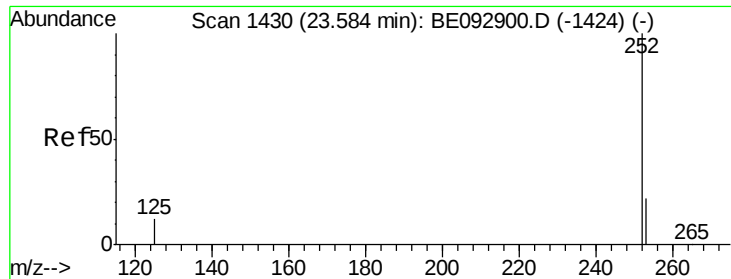


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.58 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

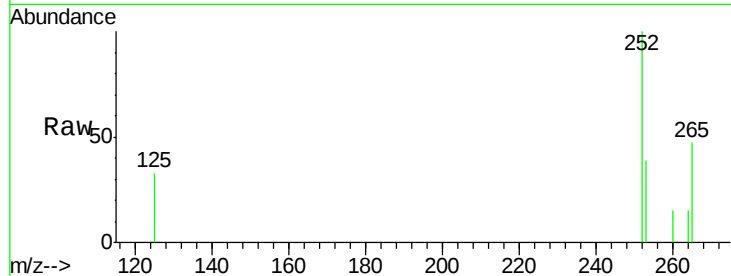
Tgt Ion: 252 Resp: 572

Ion Ratio Lower Upper

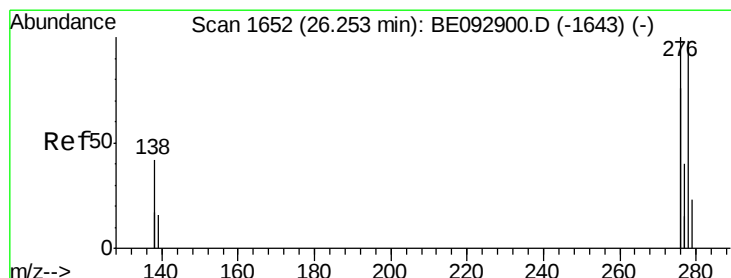
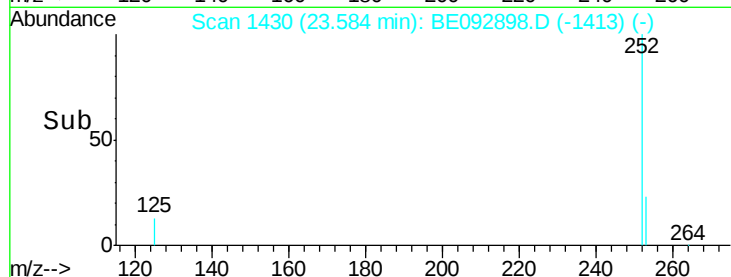
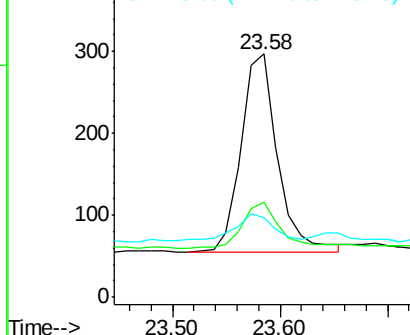
252 100

253 39.1 31.3 46.9

125 33.0 26.4 39.6



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



#37

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE092898.D

Acq: 20 Apr 2017 13:54

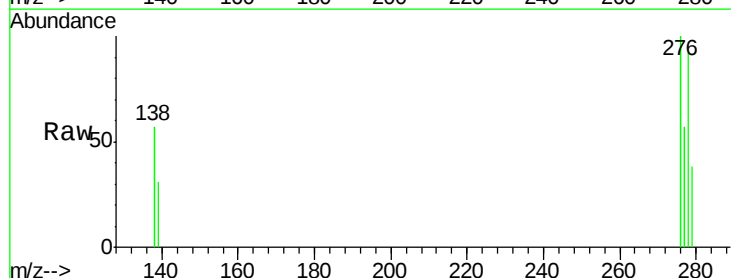
Tgt Ion: 278 Resp: 627

Ion Ratio Lower Upper

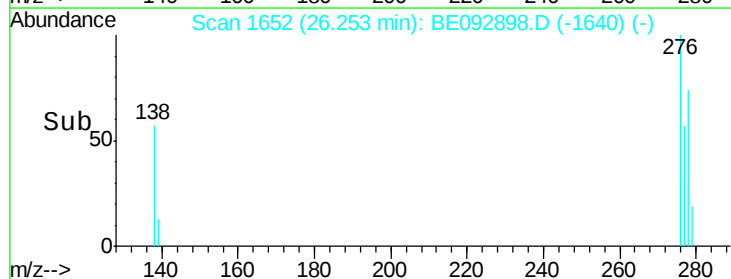
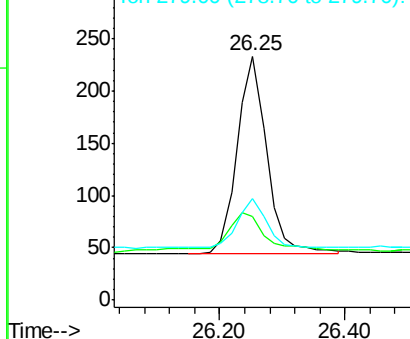
278 100

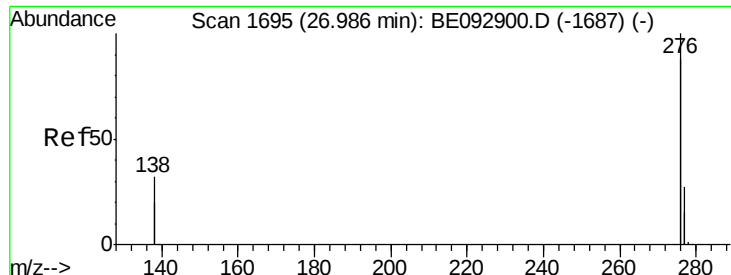
139 34.3 27.4 41.2

279 41.6 33.3 49.9



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





#38

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 26.99 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE092898.D

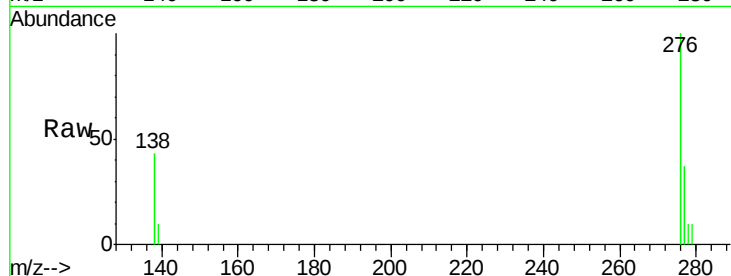
Acq: 20 Apr 2017 13:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



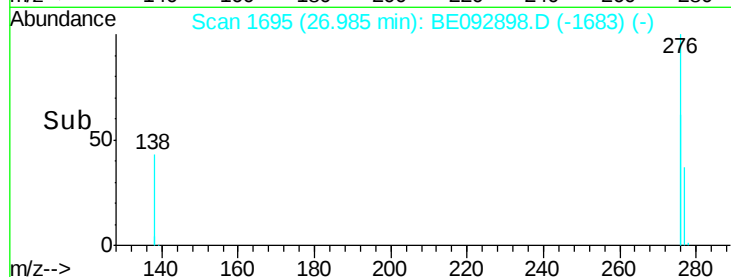
Tgt Ion: 276 Resp: 2910

Ion Ratio Lower Upper

276 100

277 37.4 29.9 44.9

138 43.2 34.6 51.8



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

