

Data File : BE092751.D
Acq On : 20 Feb 2017 17:15
Operator : SJ/MA
Sample : I1899-02MS 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Quant Time: Feb 21 00:29:52 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	12734	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	61296	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	36651	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	80451	5.00	ng	0.00
24) Chrysene-d12	21.70	240	67683	5.00	ng	0.00
31) Perylene-d12	24.03	264	78140	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	6861	2.77	ng	-0.02
5) Phenol-d6	7.27	99	9420	3.10	ng	-0.04
8) Nitrobenzene-d5	9.27	82	4718	1.20	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	2315	2.98	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	9682	1.08	ng	-0.02
26) Terphenyl-d14	20.12	244	11409	1.32	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	1391	0.84	ng	# 65
3) n-Nitrosodimethylamine	3.70	42	2341	1.16	ng	100
6) bis(2-Chloroethyl)ether	7.52	93	4406	1.31	ng	90
9) Naphthalene	10.93	128	14745	1.11	ng	95
10) Hexachlorobutadiene	11.22	225	2174	1.11	ng	99
11) 2-Methylnaphthalene	12.57	142	9495	1.14	ng	# 86
15) Acenaphthylene	14.48	152	86901	1.57	ng	100
16) Acenaphthene	14.82	154	10849	1.35	ng	95
17) Fluorene	15.80	166	13380	1.30	ng	98
19) Hexachlorobenzene	16.84	284	3071	0.99	ng	# 39
20) Pentachlorophenol	17.19	266	2521	2.93	ng	# 88
21) Phenanthrene	17.56	178	66048	3.45	ng	95
22) Anthracene	17.65	178	32380	1.84	ng	99
23) Fluoranthene	19.54	202	980762	11.96	ng	100
25) Pyrene	19.92	202	931251	14.45	ng	95
27) Benzo(a)anthracene	21.72	228	1165320	17.75	ng	# 82
28) Chrysene	21.72	228	1165320	14.97	ng	# 64
29) Bis(2-ethylhexyl)phthalate	21.59	149	59616	6.56	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.46	276	461711	5.71	ng	99
32) Benzo(b)fluoranthene	23.30	252	296653	14.38	ng	97
33) Benzo(k)fluoranthene	23.30	252	296653	13.57	ng	95
34) Benzo(a)pyrene	23.91	252	148168	7.38	ng	96
35) Dibenzo(a,h)anthracene	26.48	278	40886	2.07	ng	# 95
36) Benzo(g,h,i)perylene	27.23	276	434603	5.31	ng	99

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

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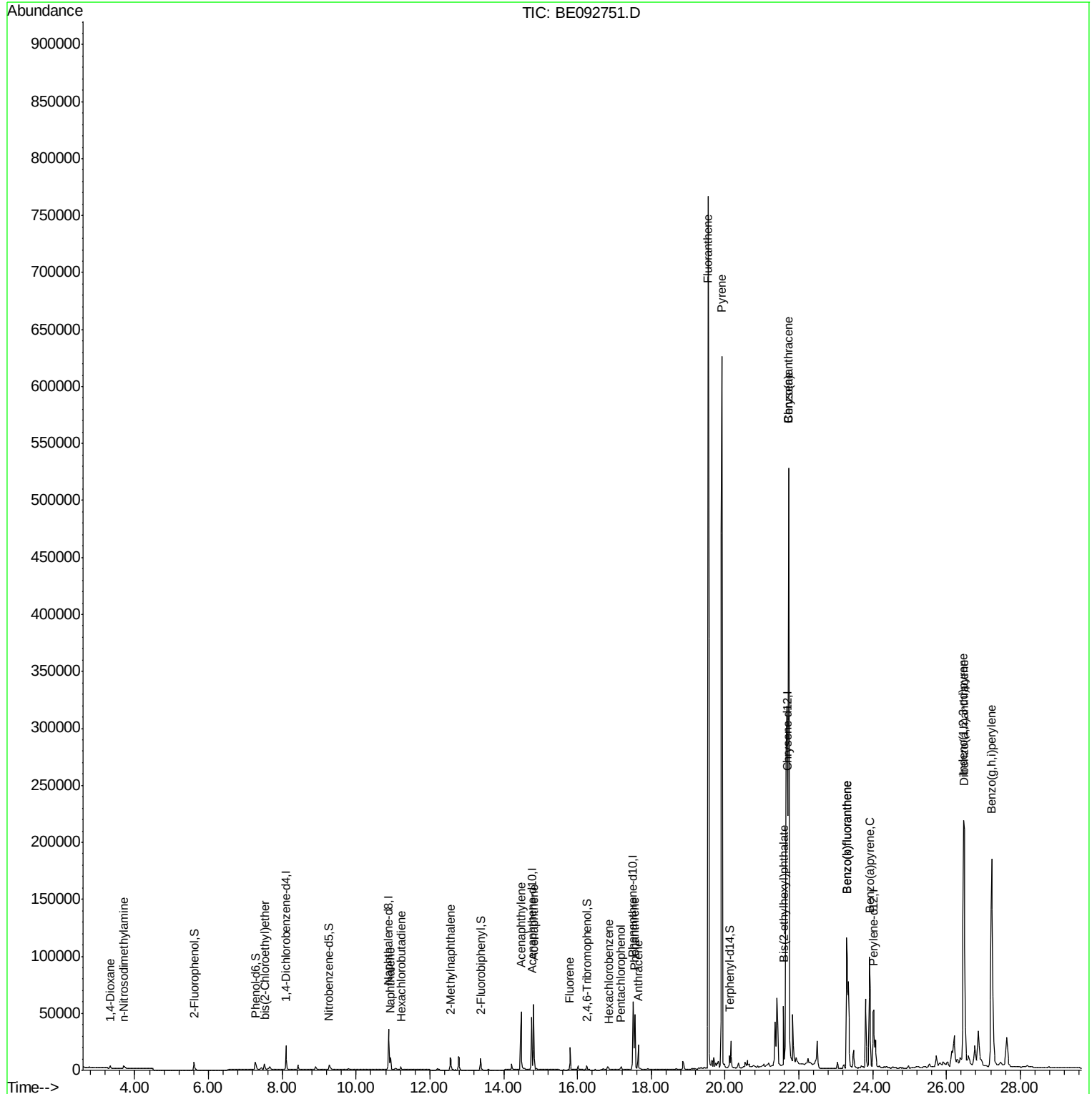
Quant Time: Feb 21 00:29:52 2017

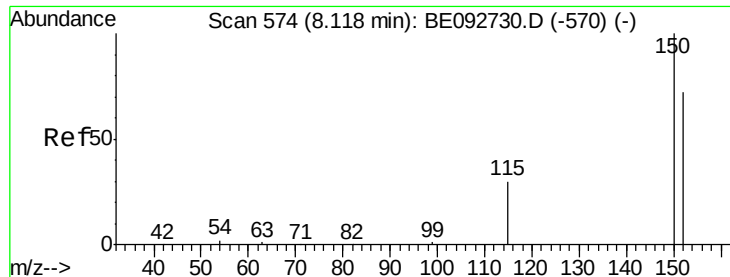
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092751.D

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Instrument :

BNA_E

ClientSampleId :

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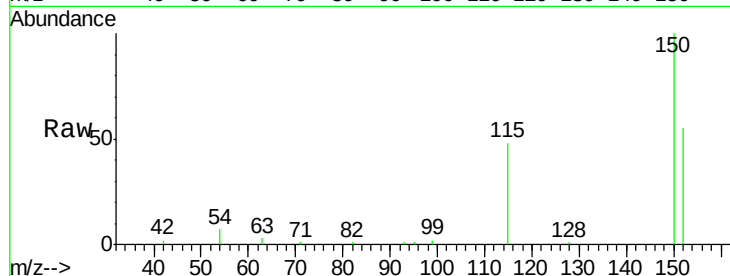
Tgt Ion:152 Resp: 12734

Ion Ratio Lower Upper

152 100

150 183.5 106.0 159.0#

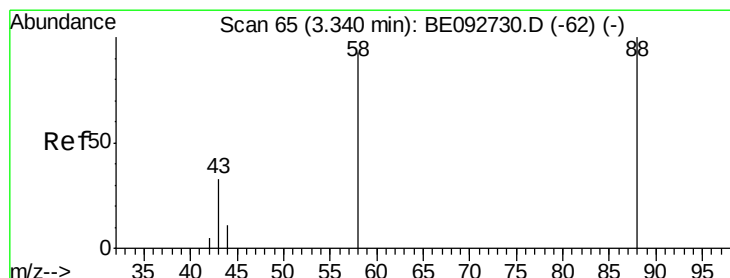
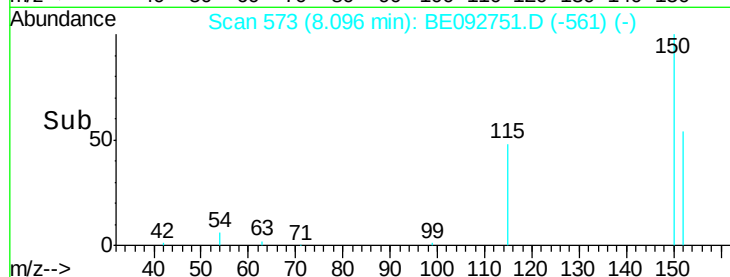
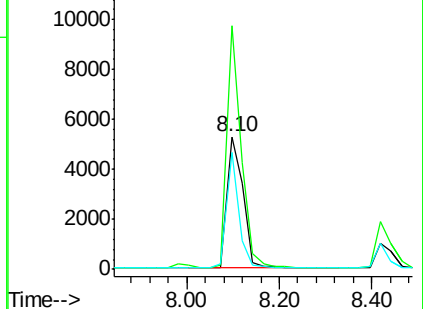
115 88.5 31.2 46.8#



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: 0.84 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

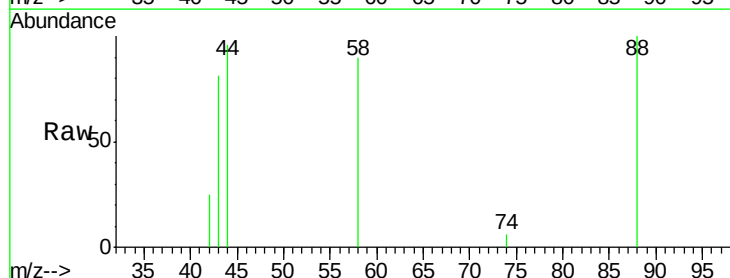
Tgt Ion: 88 Resp: 1391

Ion Ratio Lower Upper

88 100

58 98.1 63.6 95.4#

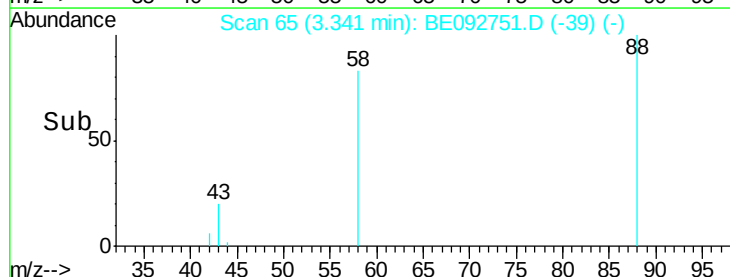
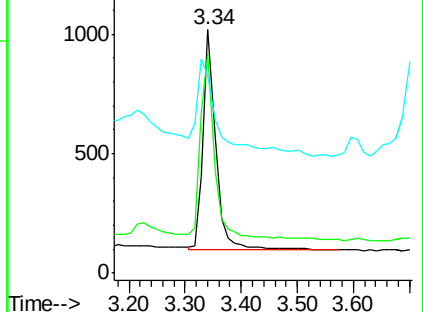
43 73.9 28.0 42.0#

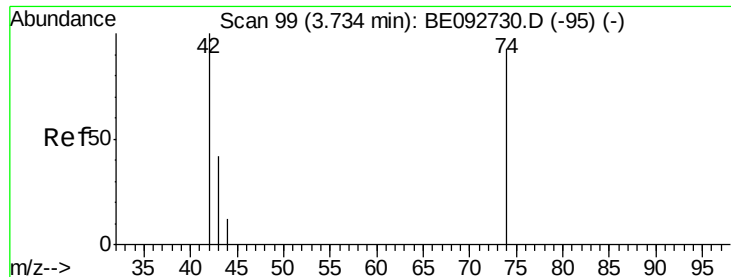


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.16 ng

RT: 3.70 min Scan# 96

Delta R.T. -0.03 min

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Acq: 20 Feb 2017 17:15

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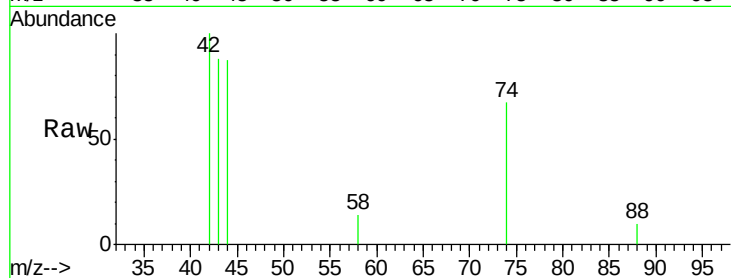
Tgt Ion: 42 Resp: 2341

Ion Ratio Lower Upper

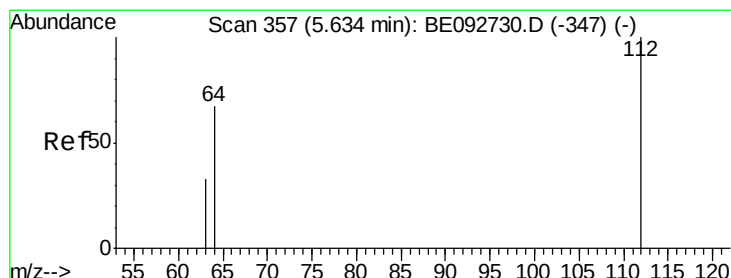
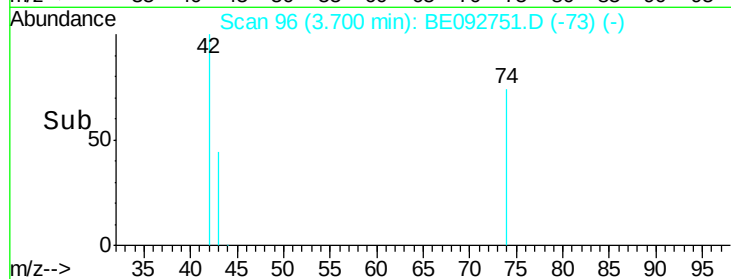
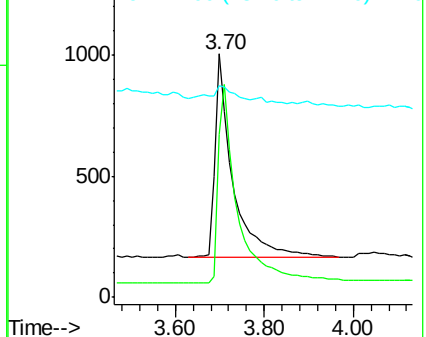
42 100

74 107.7 86.0 129.0

44 6.7 5.1 7.7



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



#4

2-Fluorophenol

Concen: 2.77 ng

RT: 5.61 min Scan# 353

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

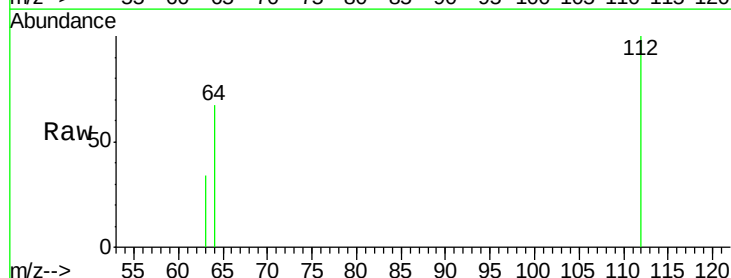
Tgt Ion: 112 Resp: 6861

Ion Ratio Lower Upper

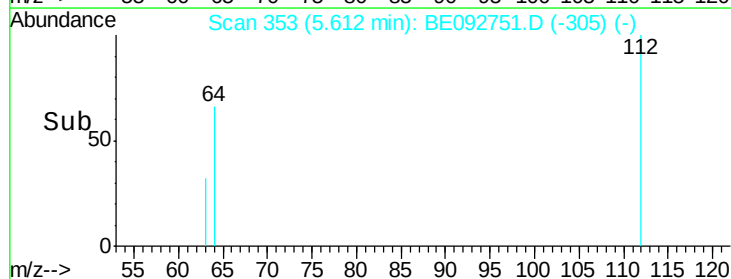
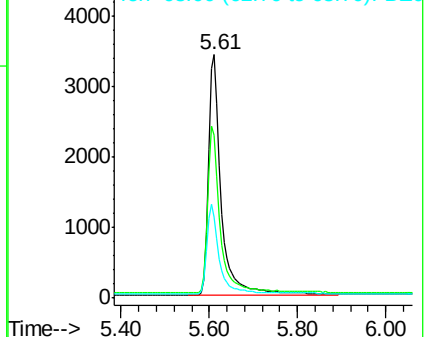
112 100

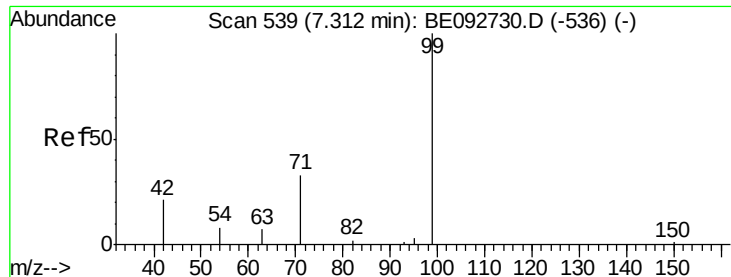
64 68.3 53.5 80.3

63 36.6 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.10 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

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ClientSampleId :

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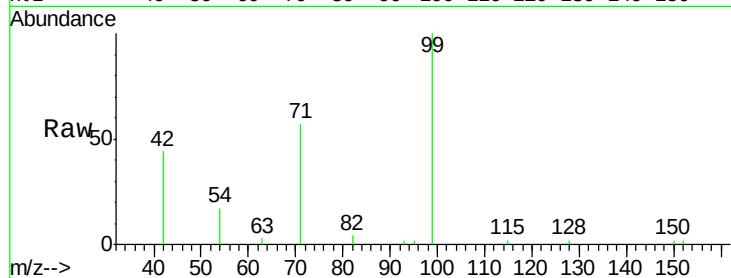
Tgt Ion: 99 Resp: 9420

Ion Ratio Lower Upper

99 100

42 25.3 16.0 24.0#

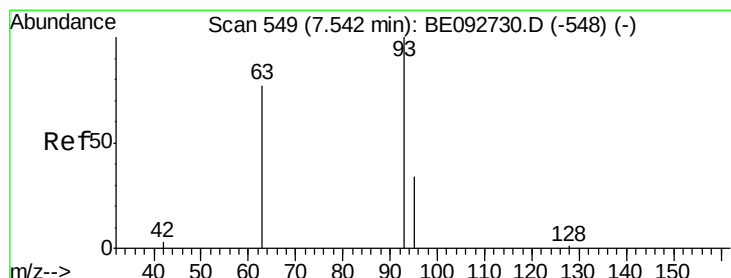
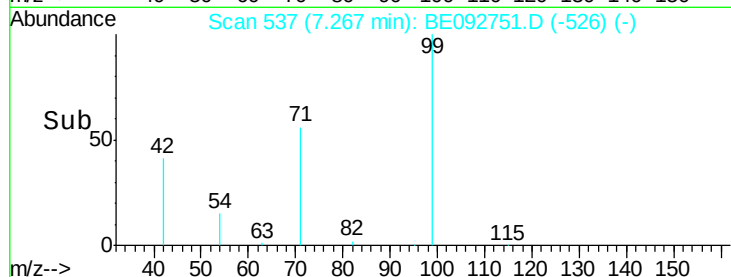
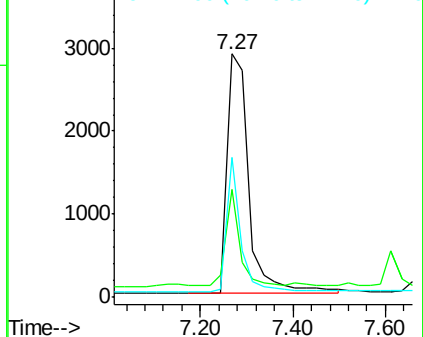
71 36.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 1.31 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

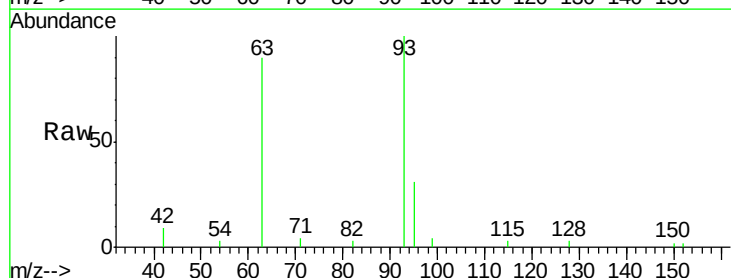
Tgt Ion: 93 Resp: 4406

Ion Ratio Lower Upper

93 100

63 78.3 71.6 107.4

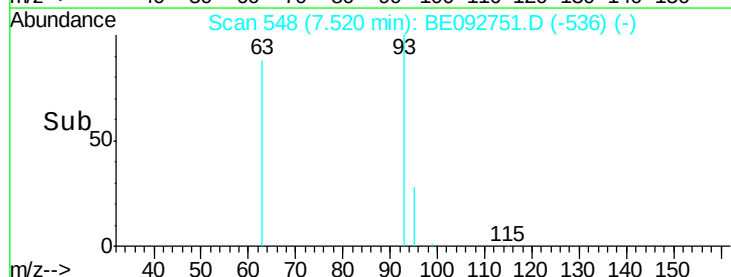
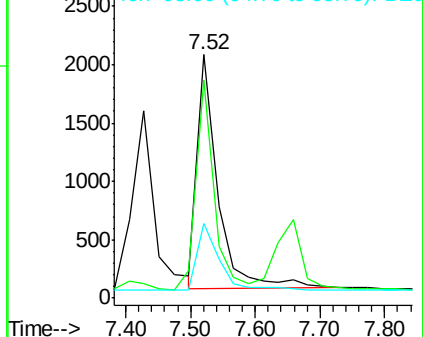
95 31.3 24.0 36.0

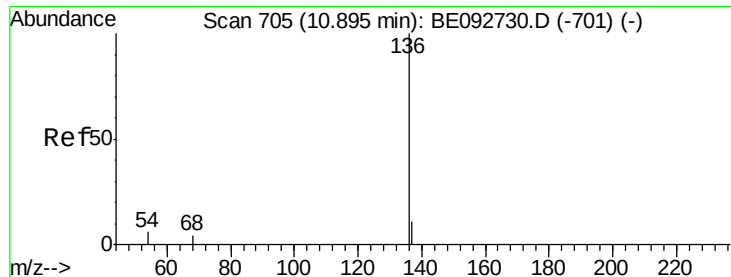


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

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SS050SS218(0-6)-170216

Tgt Ion:136 Resp: 61296

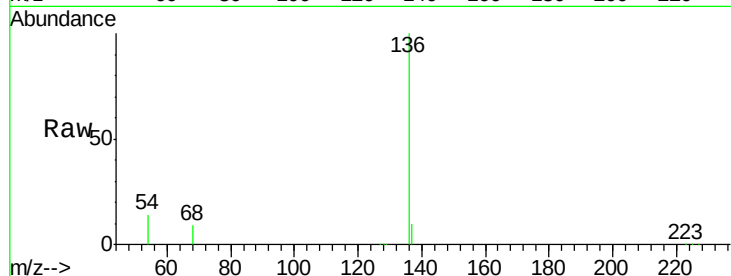
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 13.9 9.6 14.4

68 9.3 6.7 10.1



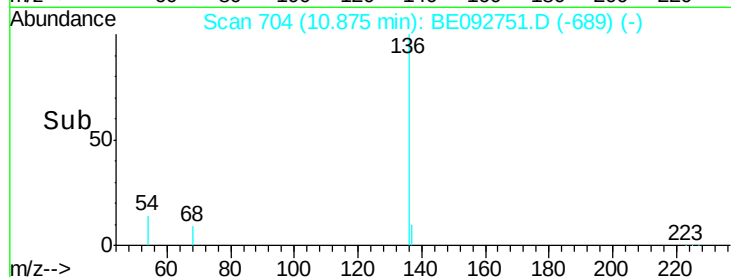
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

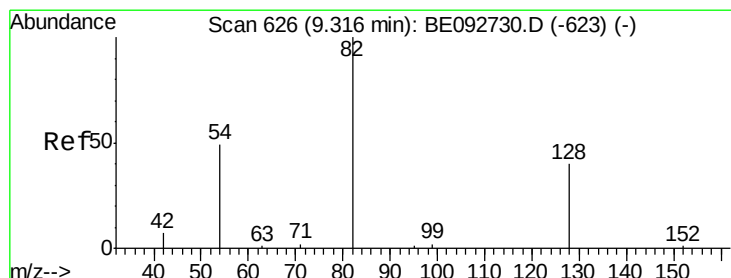
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 1.20 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

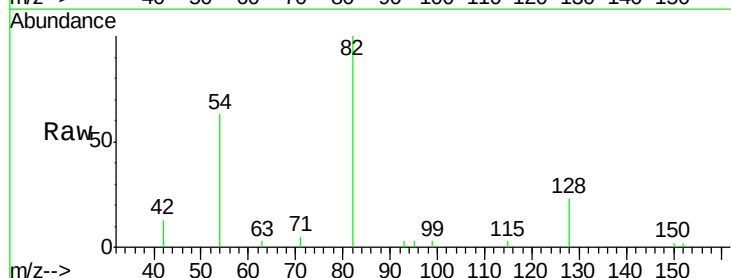
Tgt Ion: 82 Resp: 4718

Ion Ratio Lower Upper

82 100

128 22.8 39.0 58.4#

54 62.6 44.8 67.2

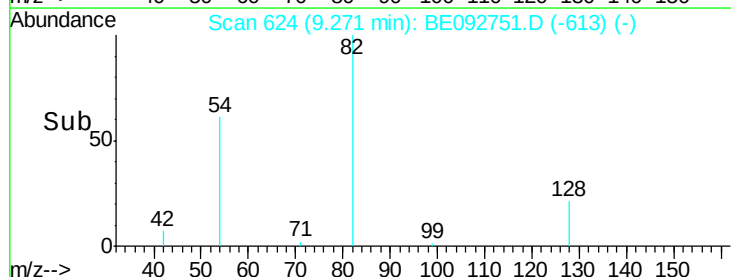


Abundance Ion 82.00 (81.70 to 82.70): BE0

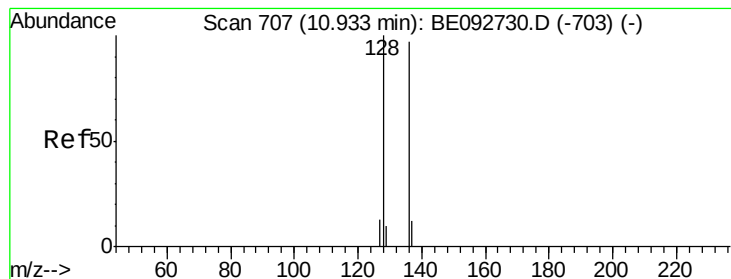
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 1.11 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

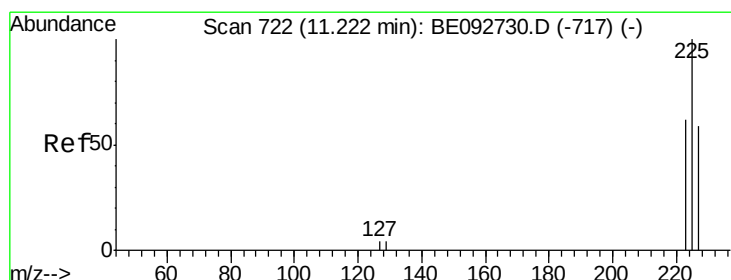
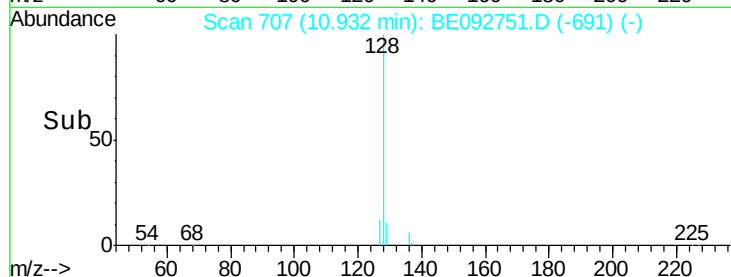
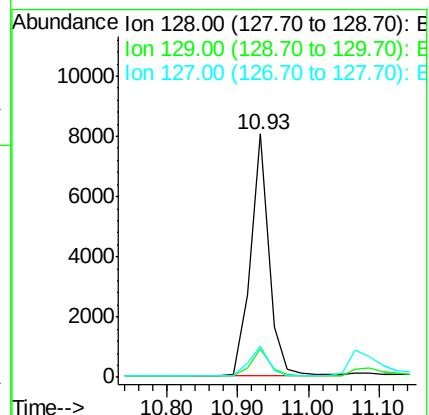
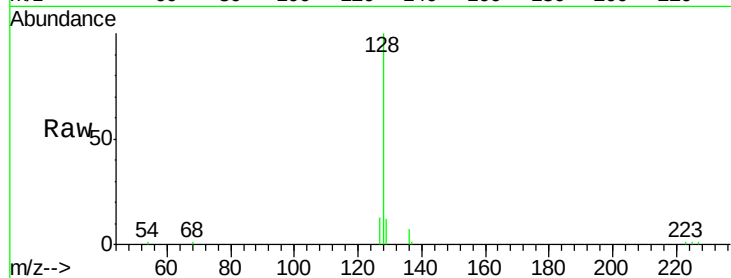
Tgt Ion:128 Resp: 14745

Ion Ratio Lower Upper

128 100

129 11.8 11.2 16.8

127 12.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 1.11 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

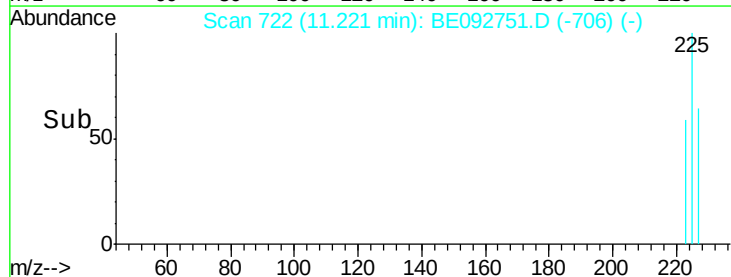
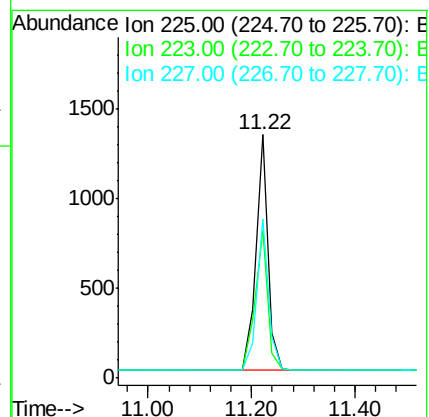
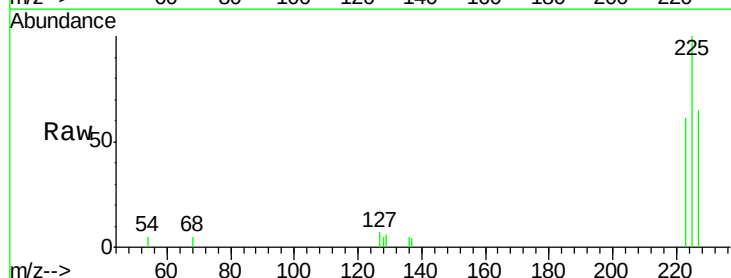
Tgt Ion:225 Resp: 2174

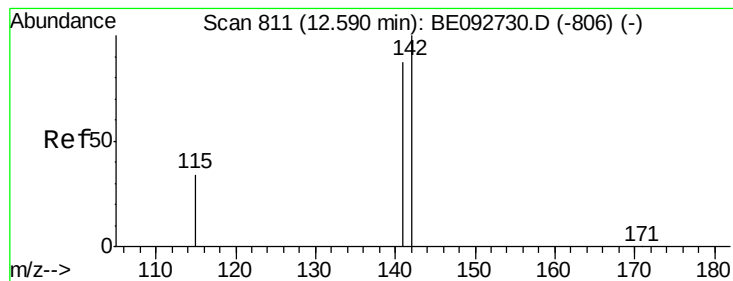
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 1.14 ng

RT: 12.57 min Scan# 809

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

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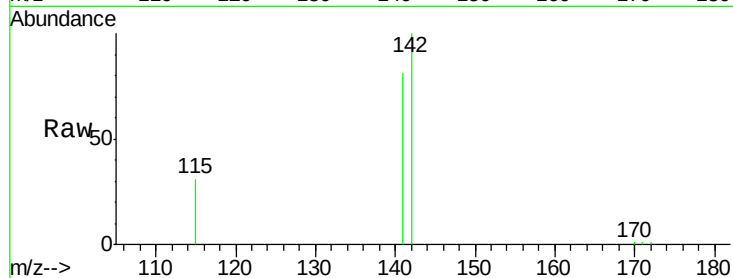
Tgt Ion:142 Resp: 9495

Ion Ratio Lower Upper

142 100

141 81.2 73.7 110.5

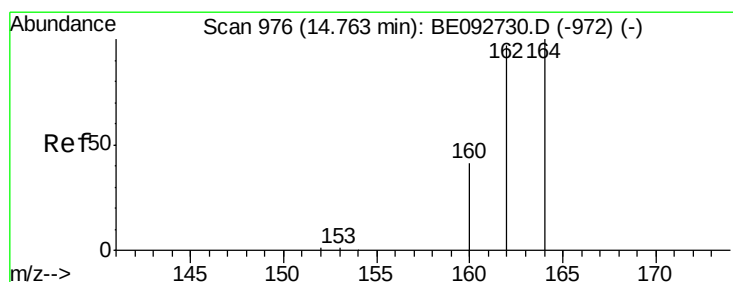
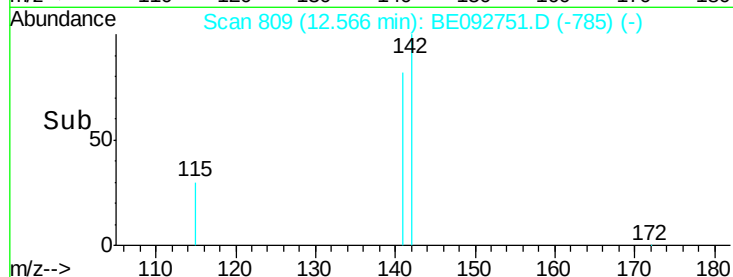
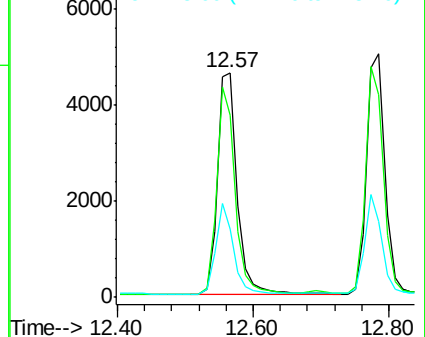
115 30.5 34.0 51.0#



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: 14.76 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

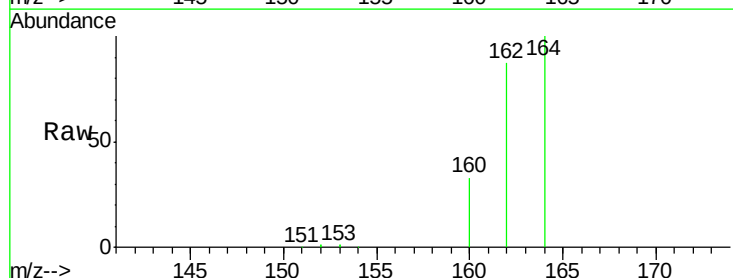
Tgt Ion:164 Resp: 36651

Ion Ratio Lower Upper

164 100

162 87.1 71.4 107.0

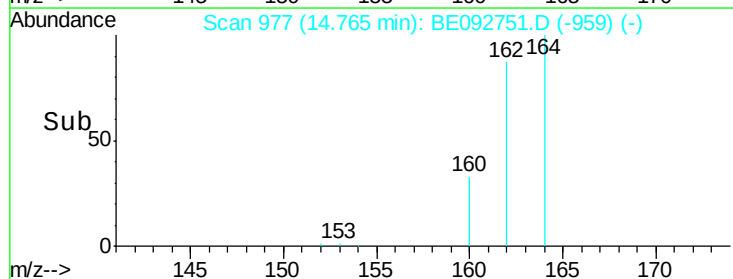
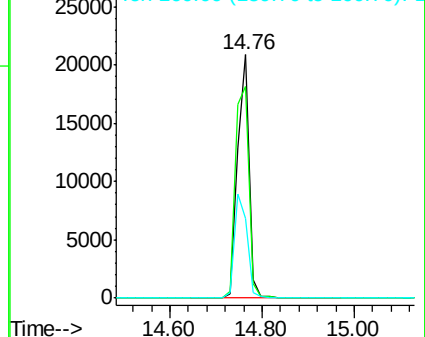
160 32.8 27.4 41.2

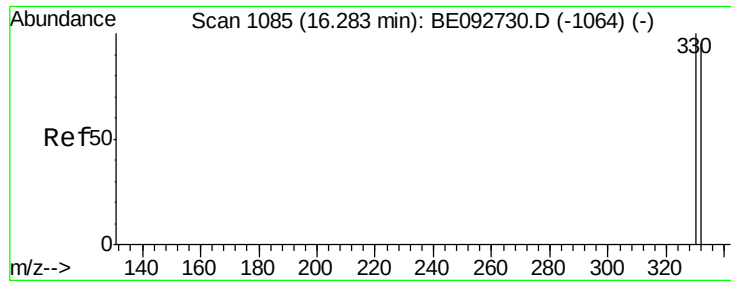


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

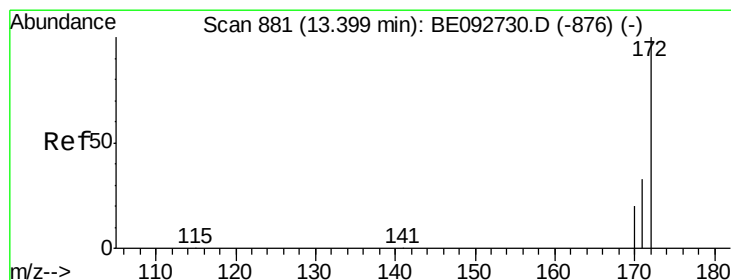
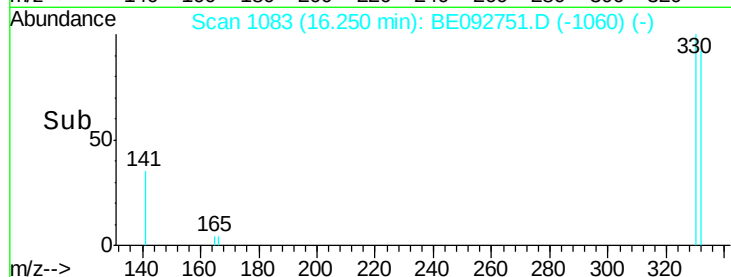
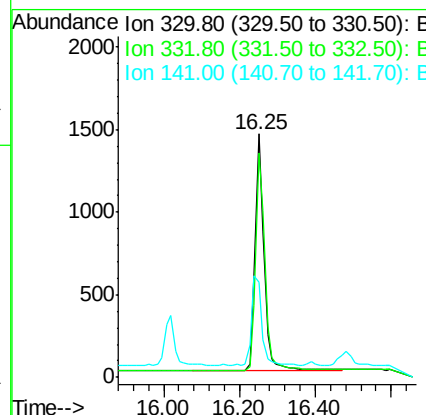
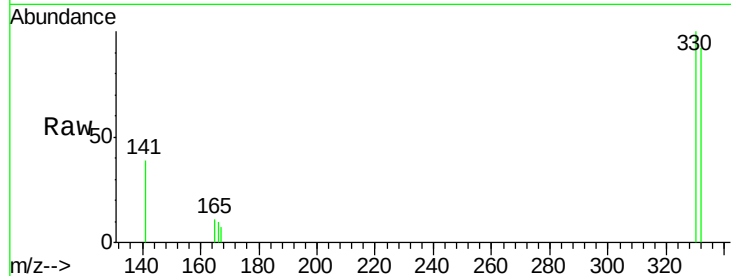




#13
 2,4,6-Tribromophenol
 Concen: 2.98 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

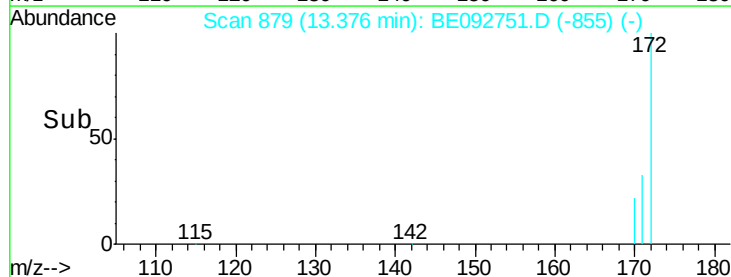
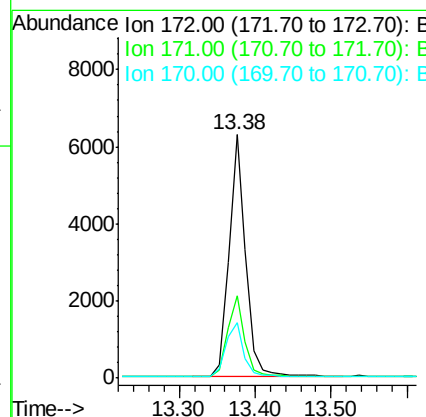
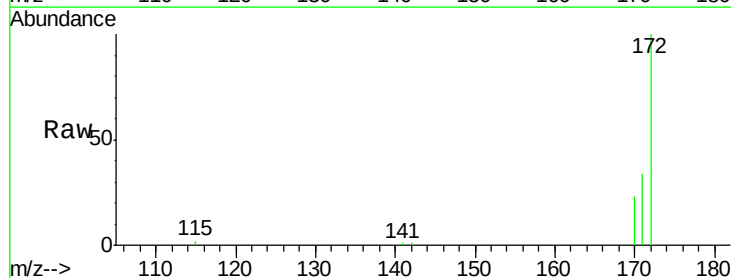
Instrument :
 BNA_E
 ClientSampleId :
 SS050SS218(0-6)-170216

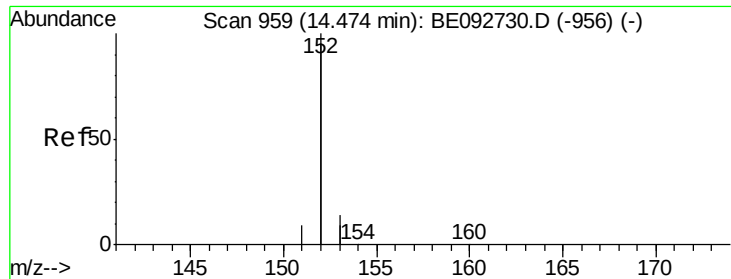
Tgt Ion: 330 Resp: 2315
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 43.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 1.08 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

Tgt Ion: 172 Resp: 9682
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.1 45.1
 170 22.7 21.8 32.6





#15

Acenaphthylene

Concen: 1.57 ng

RT: 14.48 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

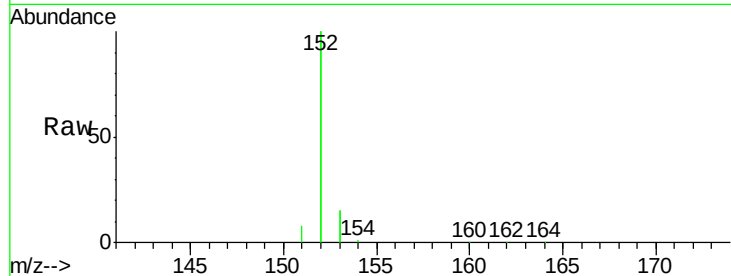
Tgt Ion:152 Resp: 86901

Ion Ratio Lower Upper

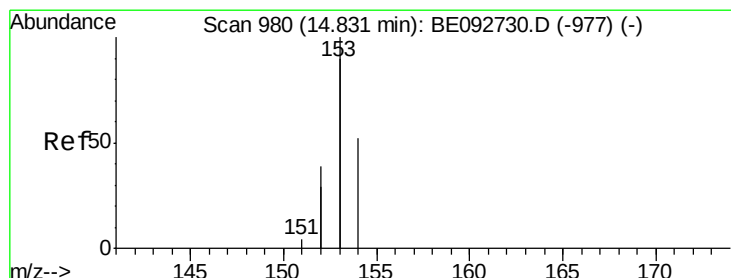
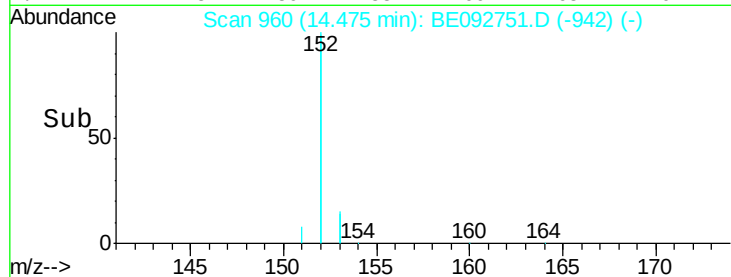
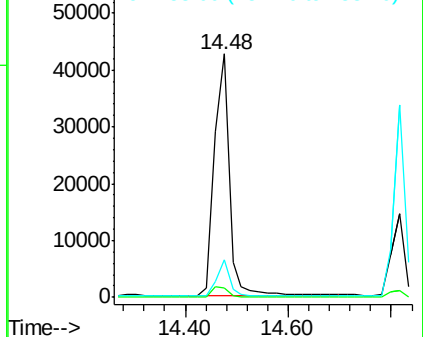
152 100

151 4.8 3.9 5.9

153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.35 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

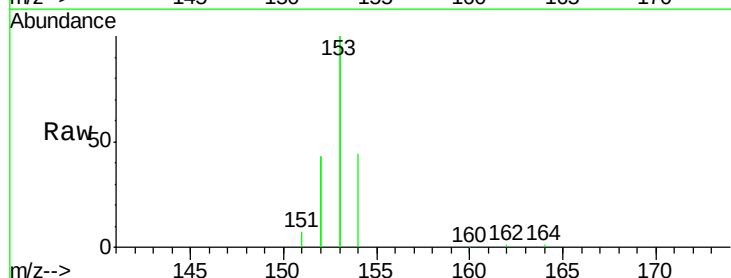
Tgt Ion:154 Resp: 10849

Ion Ratio Lower Upper

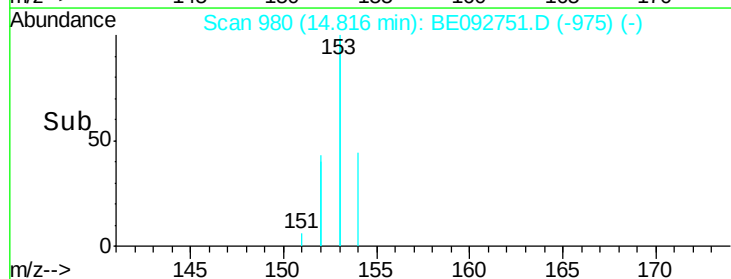
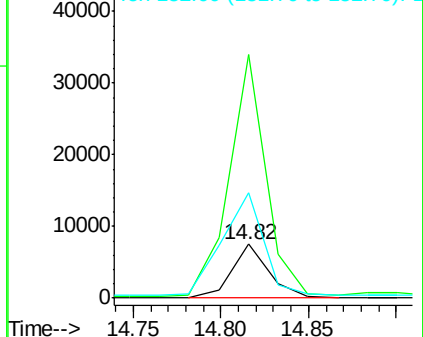
154 100

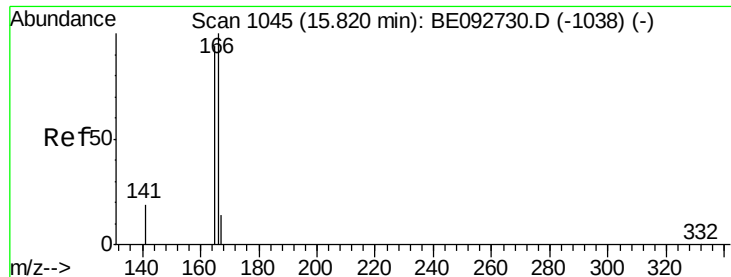
153 454.3 350.8 526.2

152 217.8 171.1 256.7



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

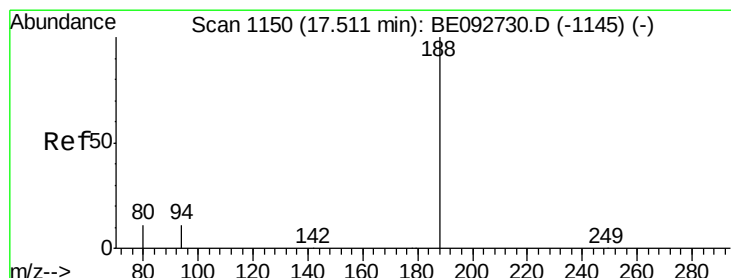
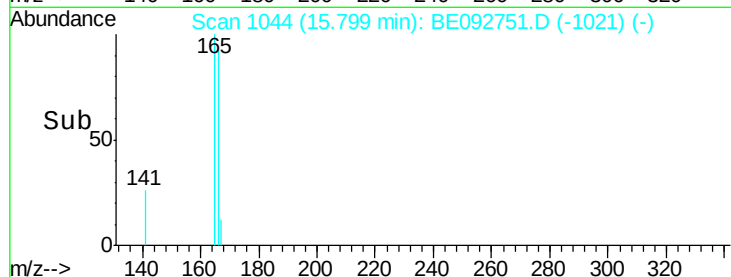
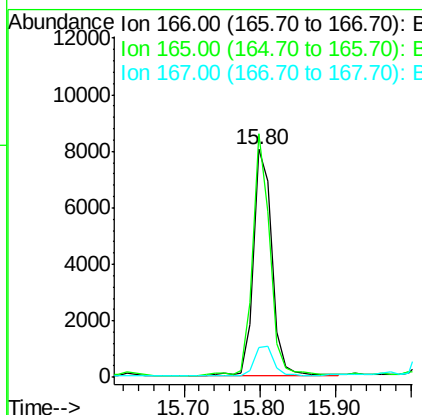
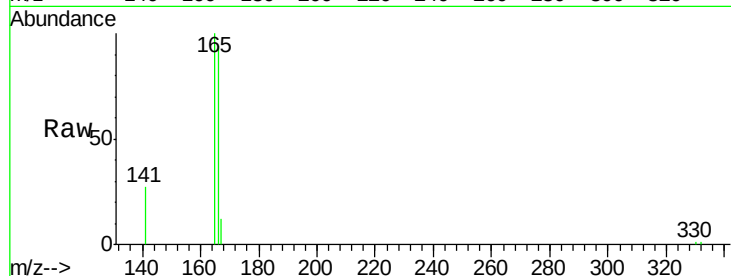




#17
Fluorene
 Concen: 1.30 ng
 RT: 15.80 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

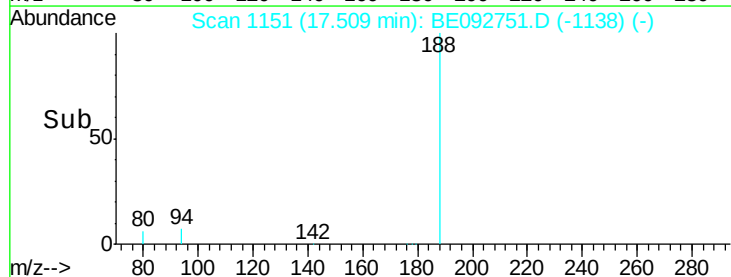
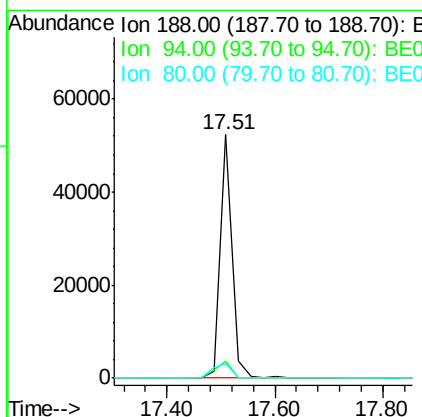
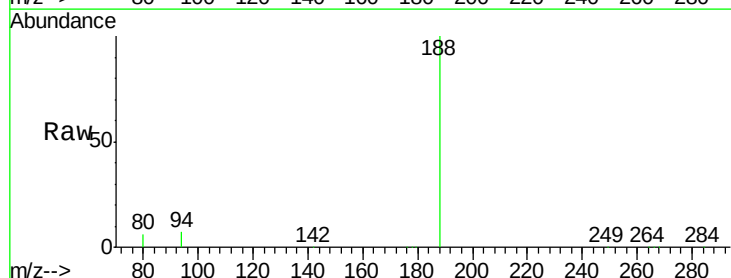
Instrument :
 BNA_E
 ClientSampleId :
 SS050SS218(0-6)-170216

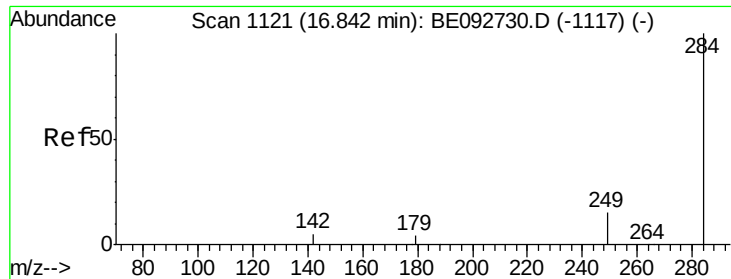
Tgt Ion:166 Resp: 13380
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

Tgt Ion:188 Resp: 80451
 Ion Ratio Lower Upper
 188 100
 94 7.1 3.2 4.8#
 80 6.2 2.6 3.8#

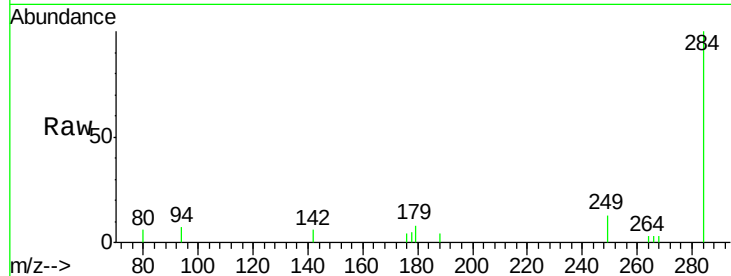




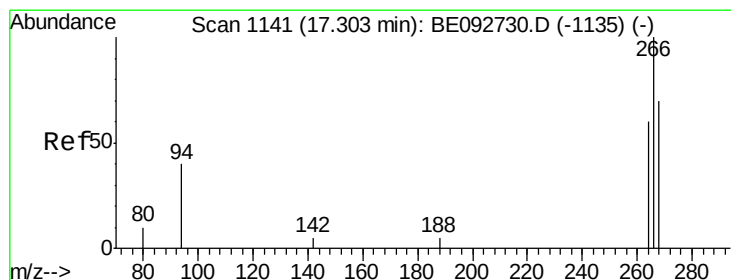
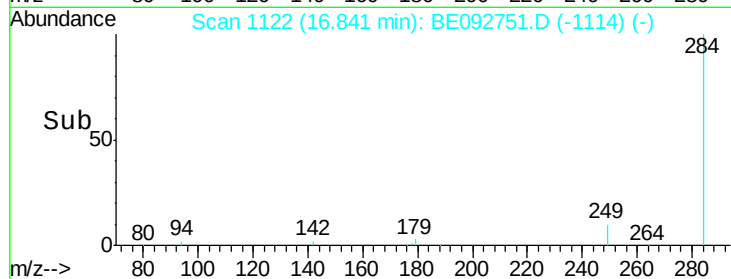
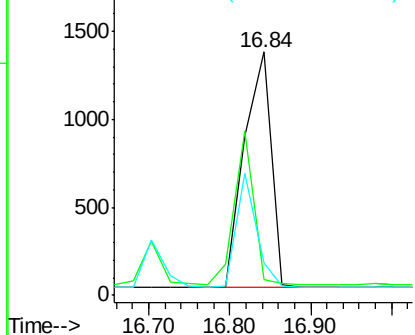
#19
Hexachlorobenzene
Concen: 0.99 ng
RT: 16.84 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092751.D
Acq: 20 Feb 2017 17:15

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Tgt Ion:284 Resp: 3071
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

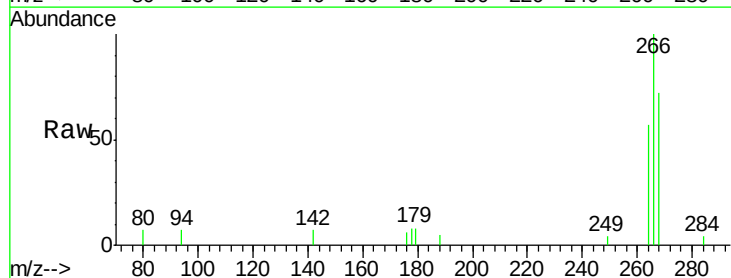


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

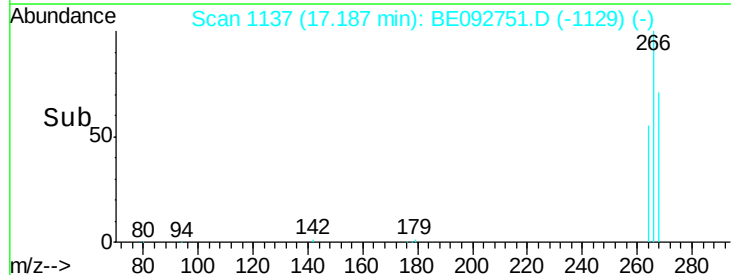
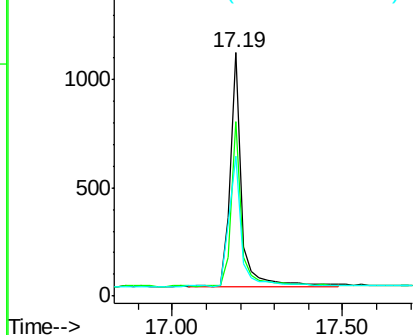


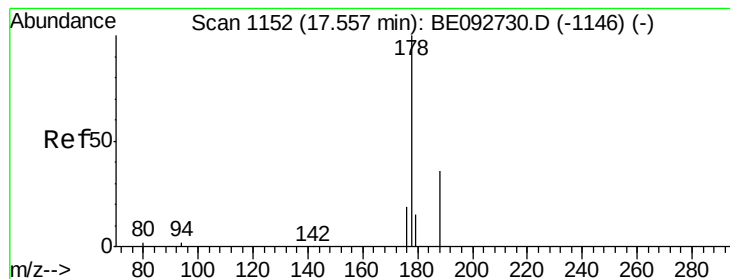
#20
Pentachlorophenol
Concen: 2.93 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BE092751.D
Acq: 20 Feb 2017 17:15

Tgt Ion:266 Resp: 2521
Ion Ratio Lower Upper
266 100
268 71.8 62.5 93.7
264 57.2 57.2 85.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 3.45 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

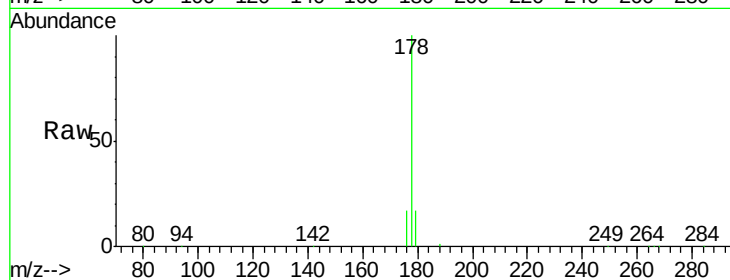
Tgt Ion:178 Resp: 66048

Ion Ratio Lower Upper

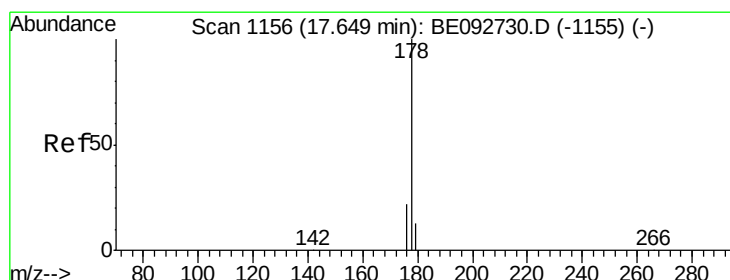
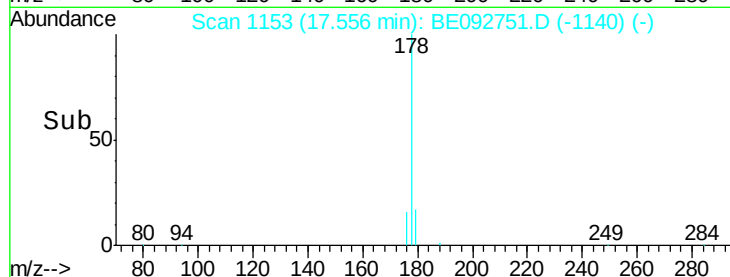
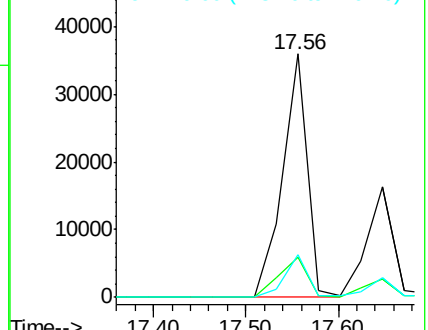
178 100

176 18.8 15.8 23.8

179 16.2 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: 1.84 ng

RT: 17.65 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

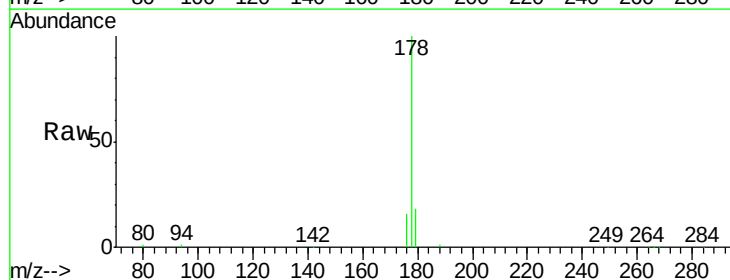
Tgt Ion:178 Resp: 32380

Ion Ratio Lower Upper

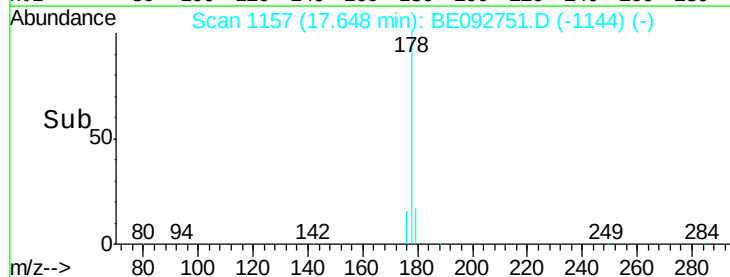
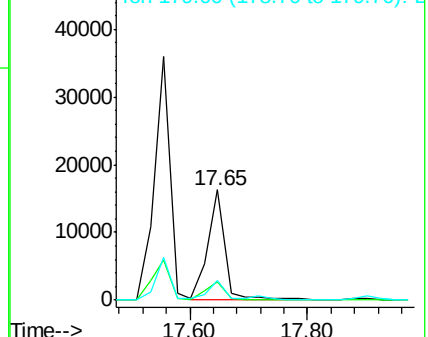
178 100

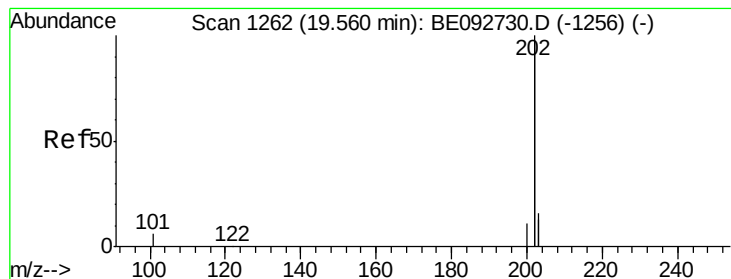
176 18.3 15.0 22.4

179 14.8 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: 11.96 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

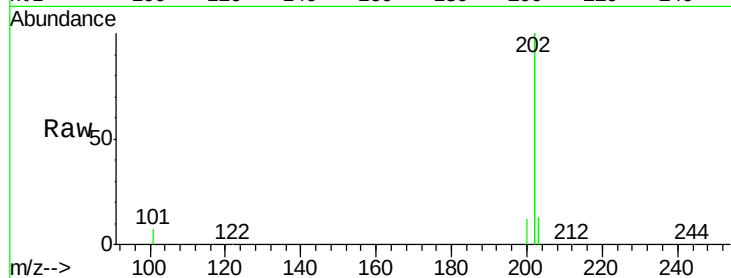
Instrument :

BNA_E

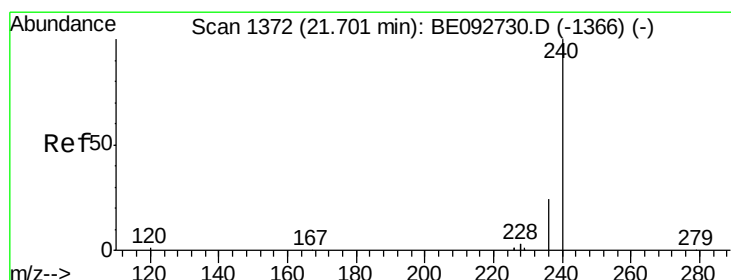
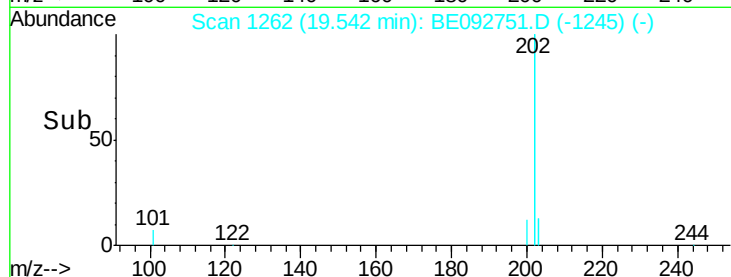
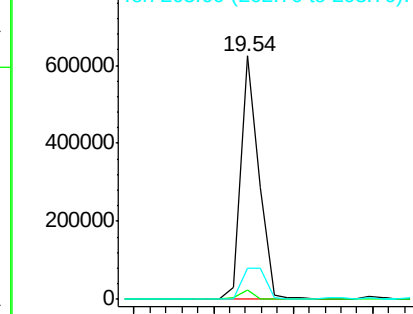
ClientSampleId :

SS050SS218(0-6)-170216

Tgt Ion:	202	Resp:	980762
Ion	Ratio	Lower	Upper
202	100		
101	3.1	2.2	3.4
203	17.2	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

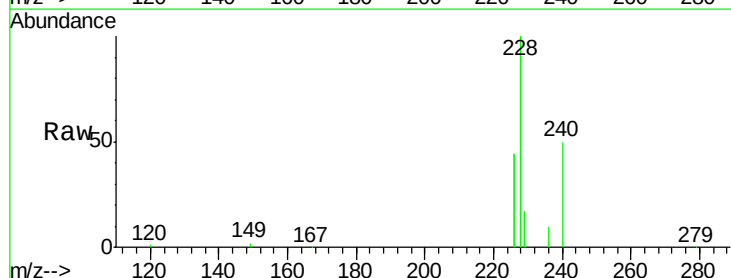
RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

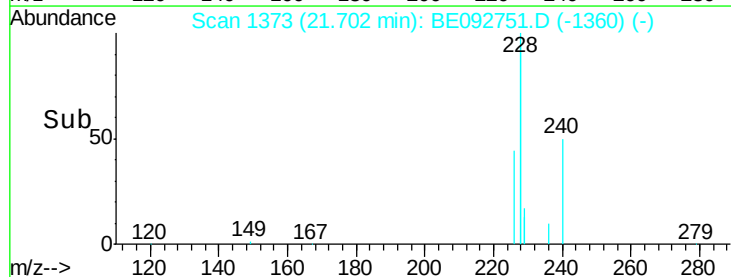
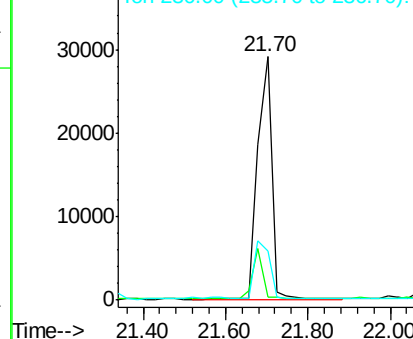
Lab File: BE092751.D

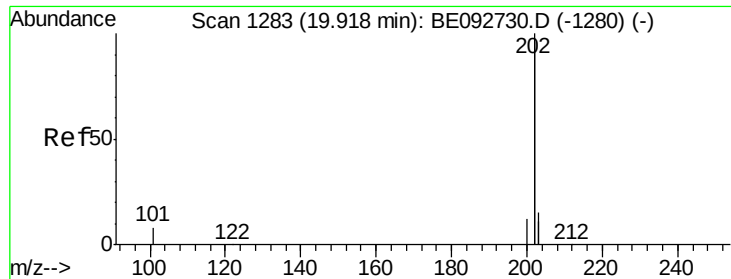
Acq: 20 Feb 2017 17:15

Tgt Ion:	240	Resp:	67683
Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	20.2	24.6	37.0#



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 14.45 ng

RT: 19.92 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

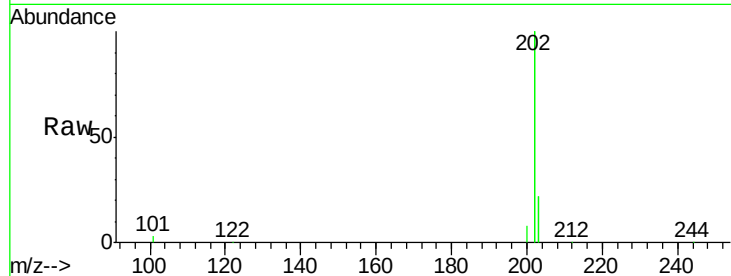
Tgt Ion:202 Resp: 931251

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

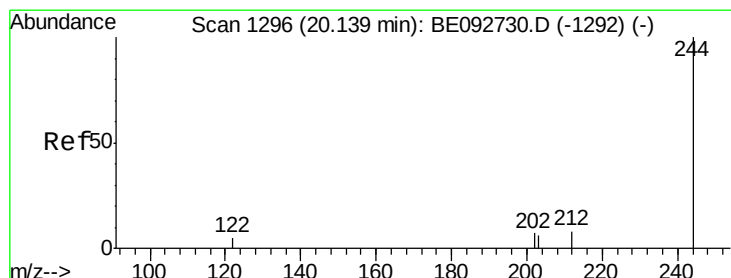
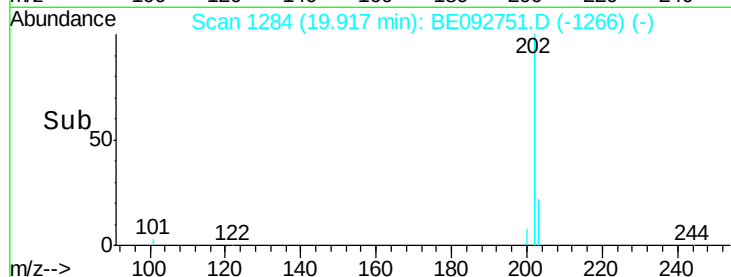
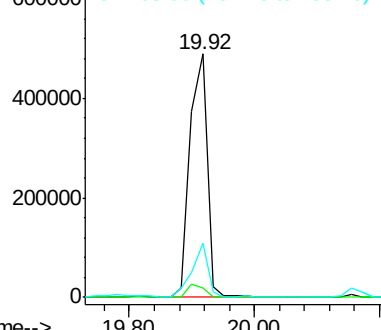
203 20.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 1.32 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

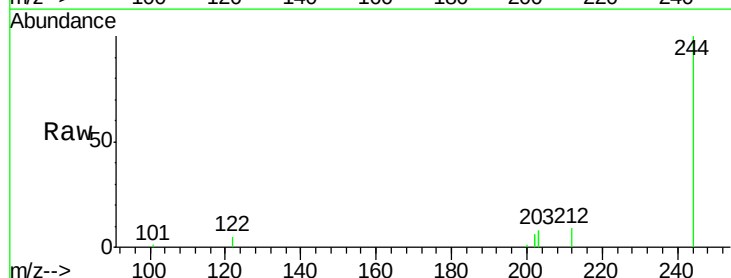
Tgt Ion:244 Resp: 11409

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

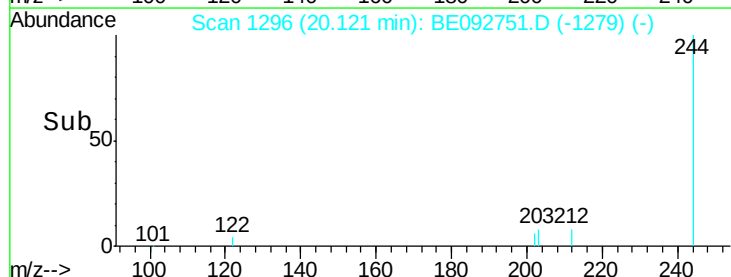
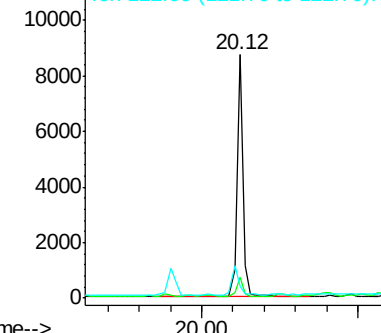
122 5.1 3.6 5.4

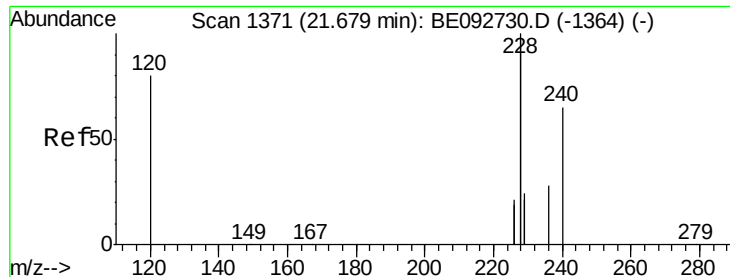


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 17.75 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.05 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

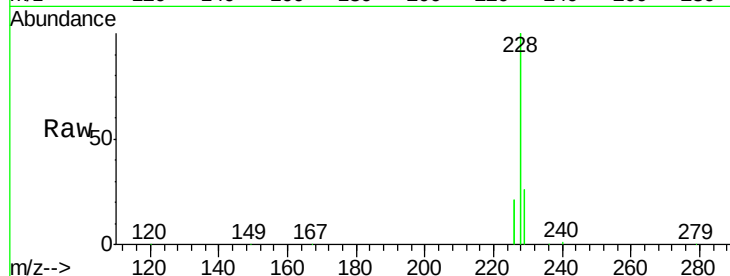
Tgt Ion:228 Resp: 1165320

Ion Ratio Lower Upper

228 100

226 21.1 23.6 35.4#

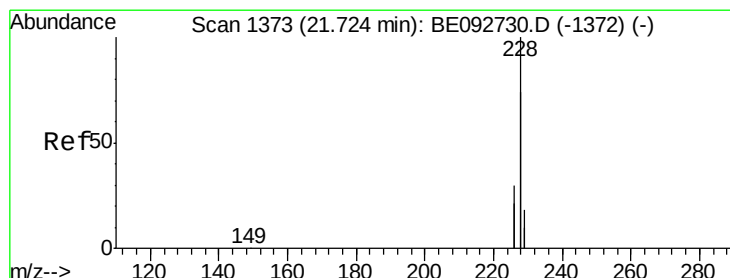
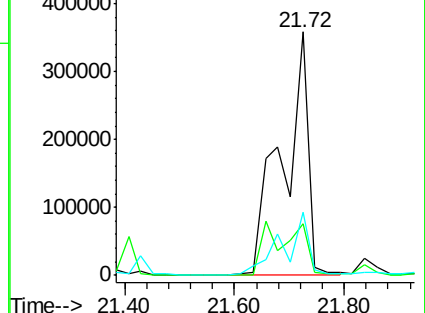
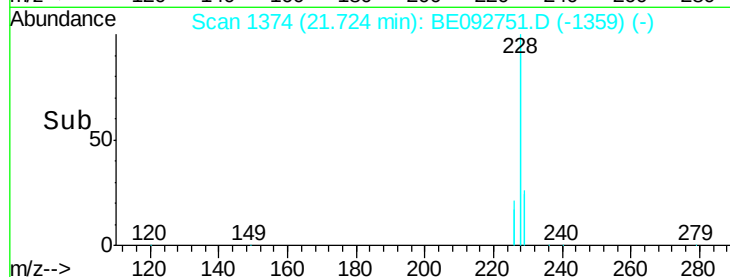
229 25.7 13.3 19.9#



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



#28

Chrysene

Concen: 14.97 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

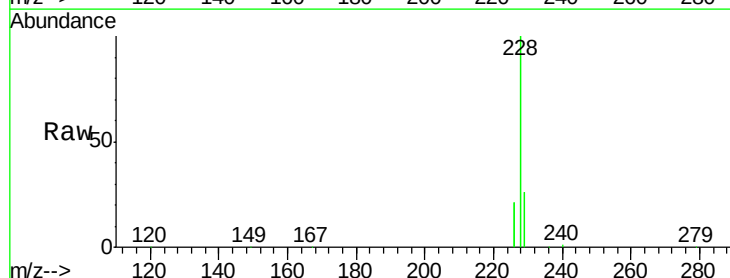
Tgt Ion:228 Resp: 1165320

Ion Ratio Lower Upper

228 100

226 21.1 36.3 54.5#

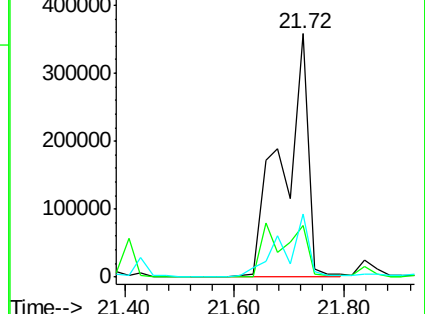
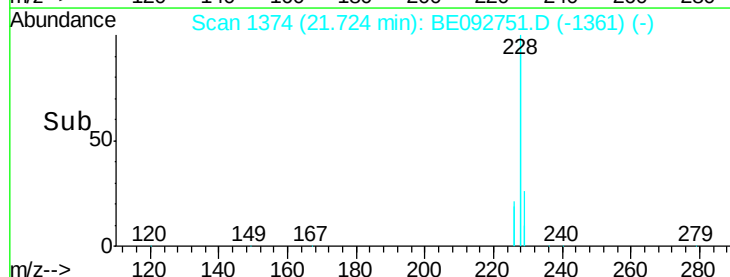
229 25.7 10.6 16.0#

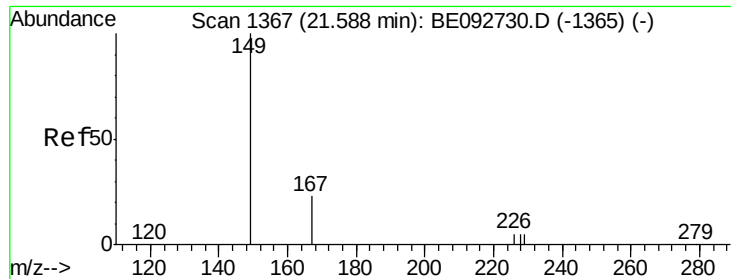


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

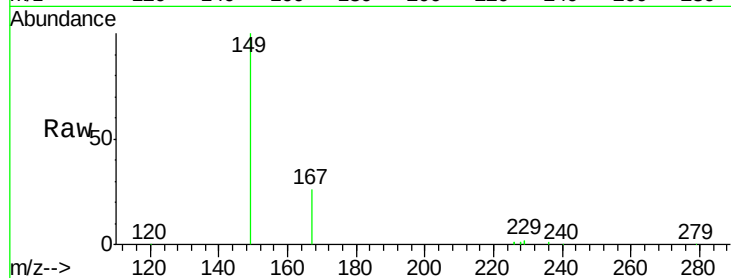




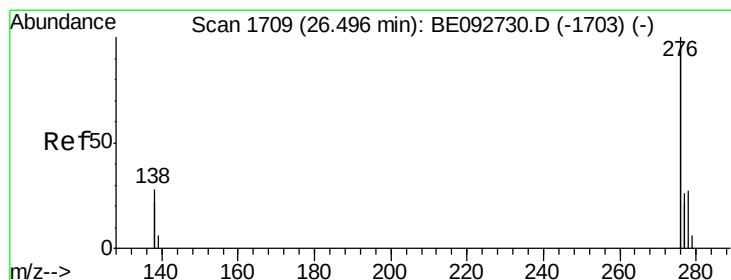
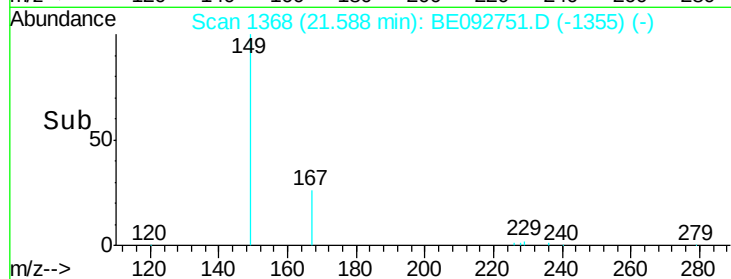
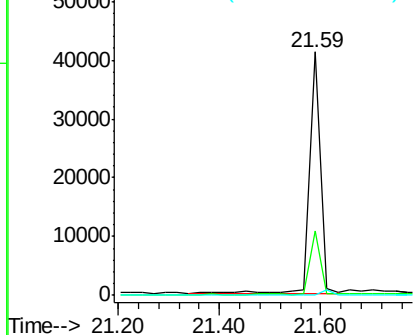
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 6.56 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

Instrument :
 BNA_E
 ClientSampleId :
 SS050SS218(0-6)-170216

Tgt Ion:149 Resp: 59616
 Ion Ratio Lower Upper
 149 100
 167 25.2 16.0 24.0#
 279 0.0 16.0 24.0#

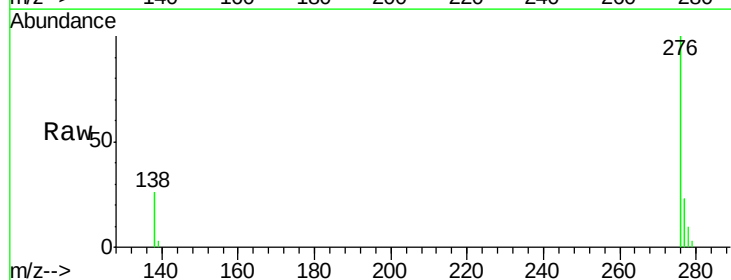


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

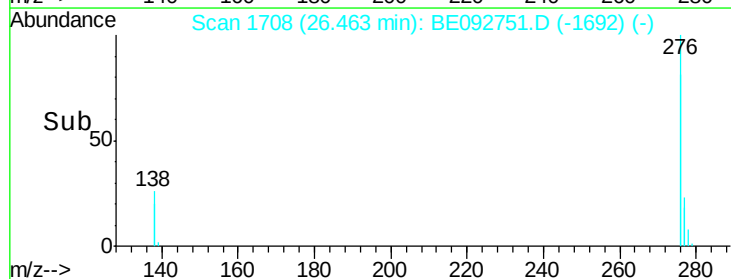
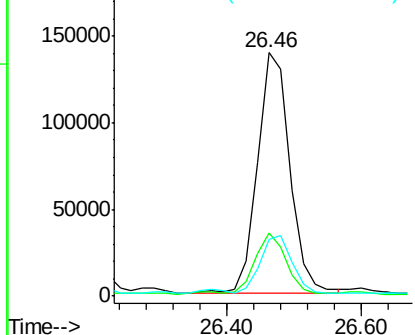


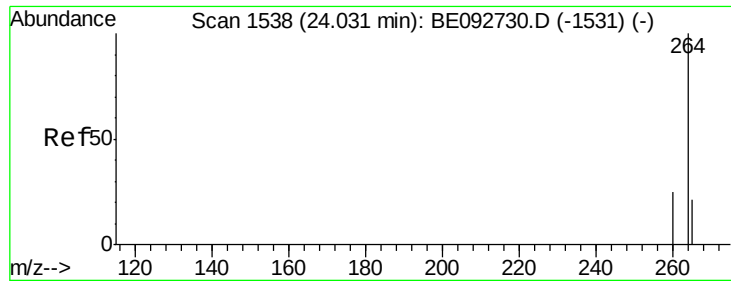
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 5.71 ng
 RT: 26.46 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BE092751.D
 Acq: 20 Feb 2017 17:15

Tgt Ion:276 Resp: 461711
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.3 30.5
 277 23.8 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: 24.03 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

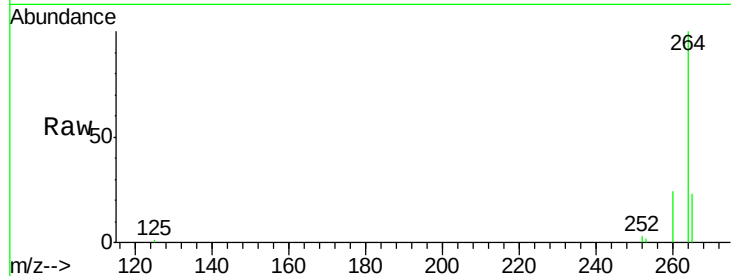
Tgt Ion:264 Resp: 78140

Ion Ratio Lower Upper

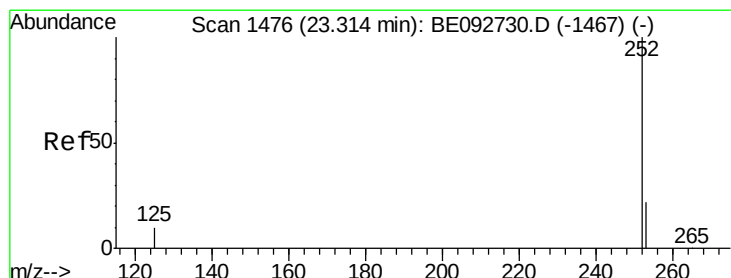
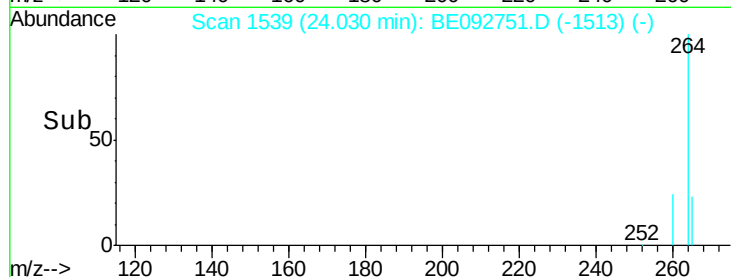
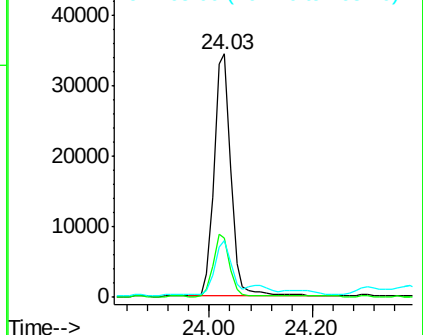
264 100

260 24.2 20.1 30.1

265 23.4 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: 14.38 ng

RT: 23.30 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

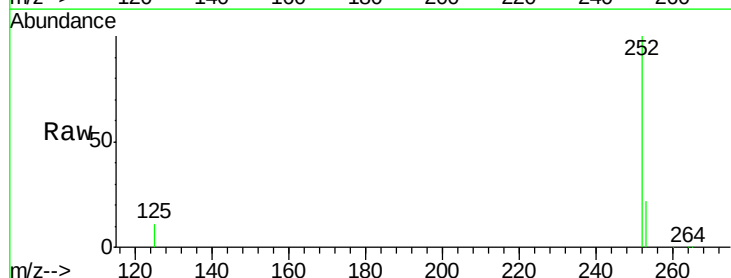
Tgt Ion:252 Resp: 296653

Ion Ratio Lower Upper

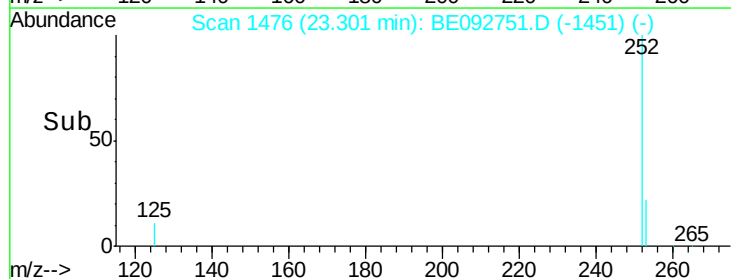
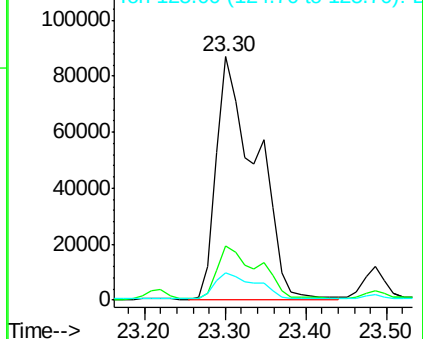
252 100

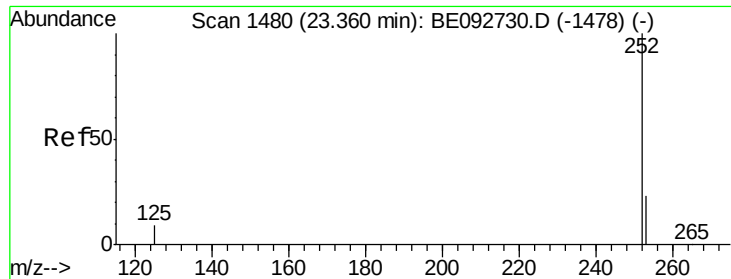
253 22.0 18.7 28.1

125 11.4 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: 13.57 ng

RT: 23.30 min Scan# 1476

Delta R.T. -0.06 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

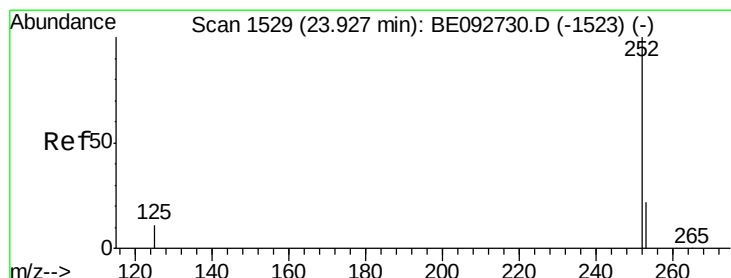
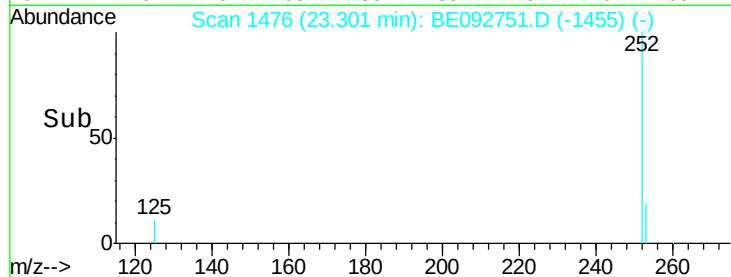
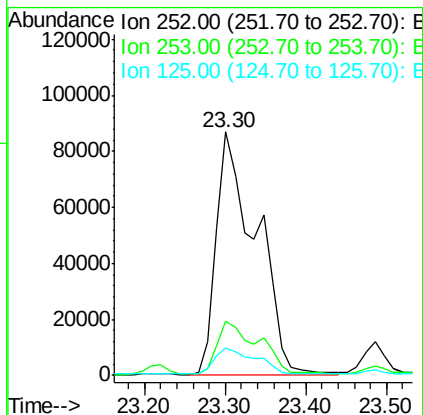
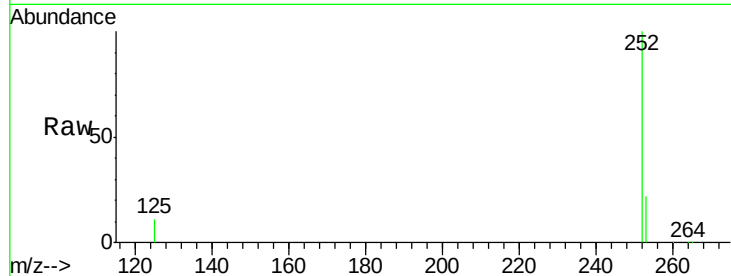
Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

Tgt Ion:	252	Resp:	296653
Ion Ratio	Lower	Upper	
252	100		
253	22.0	20.3	30.5
125	11.4	9.6	14.4



#34

Benzo(a)pyrene

Concen: 7.38 ng

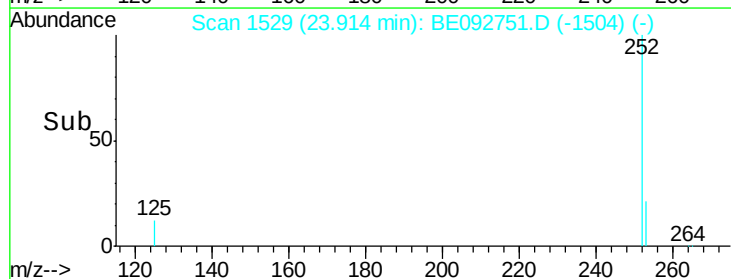
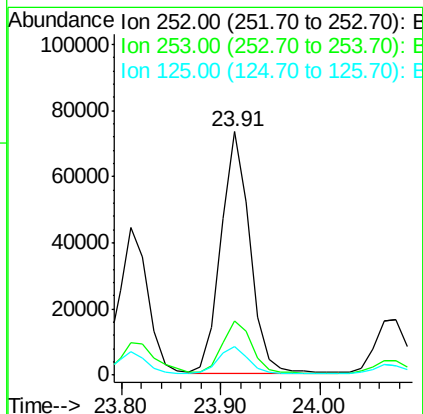
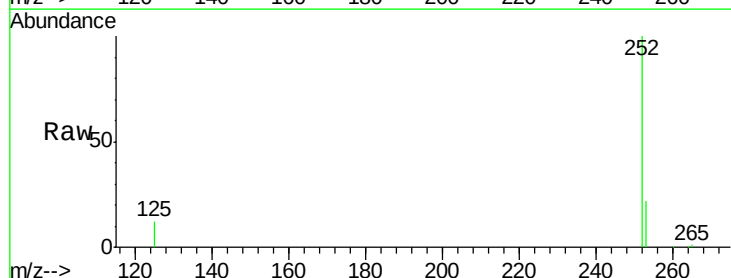
RT: 23.91 min Scan# 1529

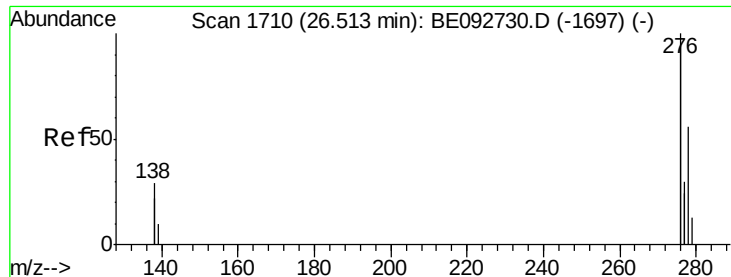
Delta R.T. -0.01 min

Lab File: BE092751.D

Acq: 20 Feb 2017 17:15

Tgt Ion:	252	Resp:	148168
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.0	28.6
125	12.0	11.8	17.8

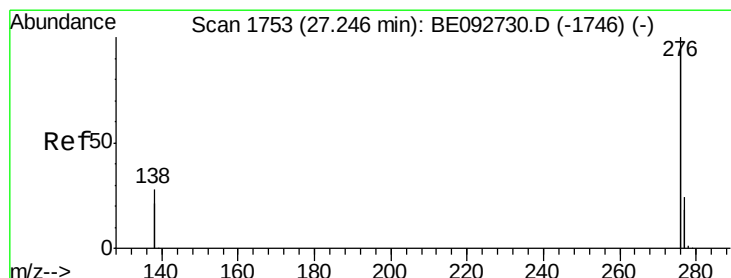
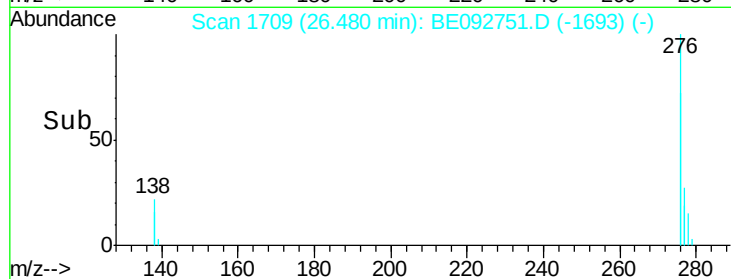
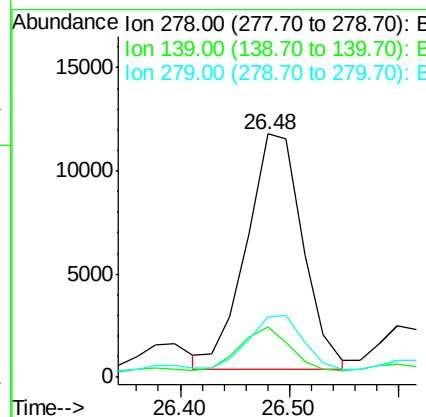
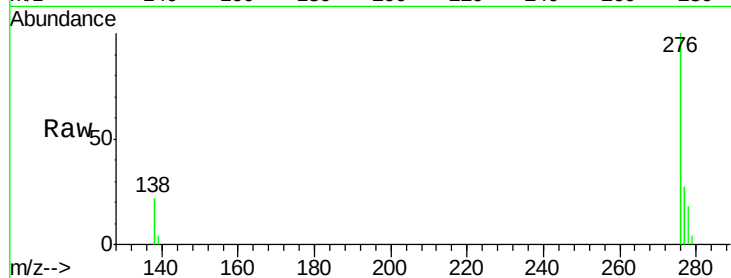




#35
Dibenzo(a,h)anthracene
Concen: 2.07 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.03 min
Lab File: BE092751.D
Acq: 20 Feb 2017 17:15

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Tgt Ion: 278 Resp: 40886
Ion Ratio Lower Upper
278 100
139 20.9 13.8 20.8#
279 24.9 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 5.31 ng
RT: 27.23 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BE092751.D
Acq: 20 Feb 2017 17:15

Tgt Ion: 276 Resp: 434603
Ion Ratio Lower Upper
276 100
277 24.5 19.8 29.8
138 23.7 19.8 29.6

