

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
 Data File : BE092731.D
 Acq On : 15 Feb 2017 13:44
 Operator : SJ/MA
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Feb 15 14:48:08 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 13:34:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9209	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	43161	5.00	ng	0.00
12) Acenaphthene-d10	14.76	164	27068	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	57776	5.00	ng	0.00
24) Chrysene-d12	21.70	240	69962	5.00	ng	0.00
31) Perylene-d12	24.03	264	64784	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.62	112	1414	0.69	ng	-0.01
5) Phenol-d6	7.29	99	1811	0.72	ng	-0.02
8) Nitrobenzene-d5	9.29	82	2003	0.71	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	438	0.64	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	5368	0.81	ng	-0.01
26) Terphenyl-d14	20.14	244	6529	0.66	ng	0.00

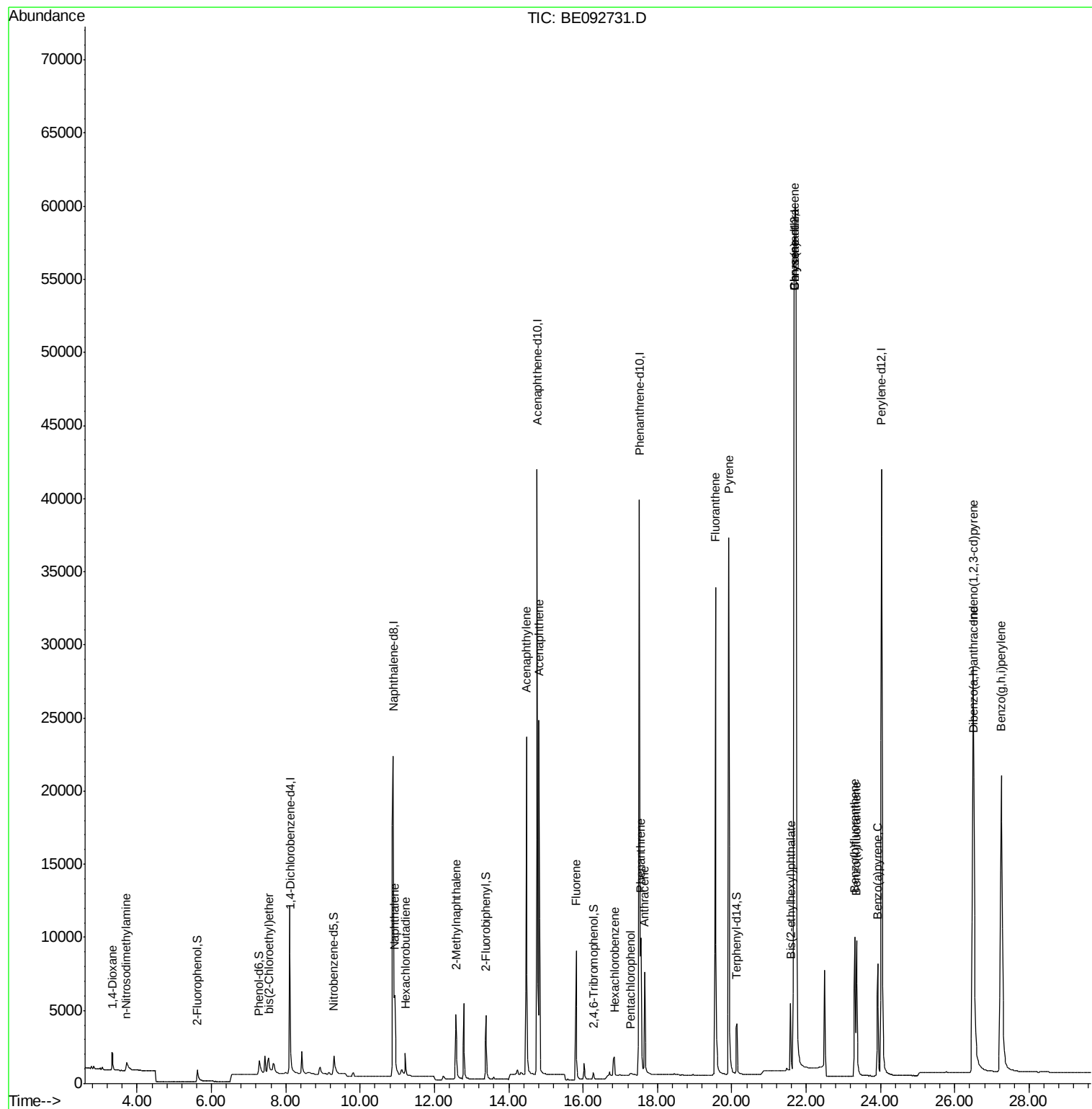
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	968	0.68	ng	93
3) n-Nitrosodimethylamine	3.71	42	1037	0.62	ng	99
6) bis(2-Chloroethyl)ether	7.54	93	1971	0.74	ng	# 28
9) Naphthalene	10.93	128	7505	0.83	ng	97
10) Hexachlorobutadiene	11.22	225	1113	0.84	ng	100
11) 2-Methylnaphthalene	12.58	142	4693	0.84	ng	94
15) Acenaphthylene	14.47	152	32741	0.88	ng	100
16) Acenaphthene	14.81	154	4909	0.82	ng	91
17) Fluorene	15.81	166	6206	0.83	ng	99
19) Hexachlorobenzene	16.84	284	1797	0.82	ng	# 39
20) Pentachlorophenol	17.28	266	333	0.56	ng	93
21) Phenanthrene	17.56	178	10930	0.86	ng	# 94
22) Anthracene	17.65	178	10510	0.89	ng	100
23) Fluoranthene	19.56	202	46208	0.82	ng	99
25) Pyrene	19.92	202	50201	0.73	ng	100
27) Benzo(a)anthracene	21.68	228	51317	0.74	ng	# 83
28) Chrysene	21.68	228	51317	0.66	ng	# 65
29) Bis(2-ethylhexyl)phthalate	21.59	149	5508	0.43	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.50	276	61759	0.74	ng	97
32) Benzo(b)fluoranthene	23.31	252	13598	0.87	ng	97
33) Benzo(k)fluoranthene	23.36	252	14127	0.90	ng	95
34) Benzo(a)pyrene	23.93	252	12356	0.84	ng	97
35) Dibenzo(a,h)anthracene	26.51	278	12936	0.90	ng	98
36) Benzo(g,h,i)perylene	27.25	276	55014	0.90	ng	99

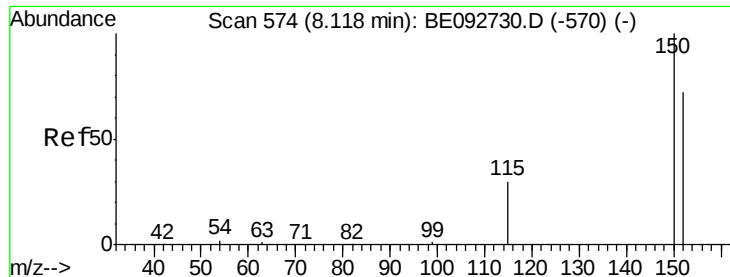
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
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Quant Time: Feb 15 14:48:08 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 13:34:48 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

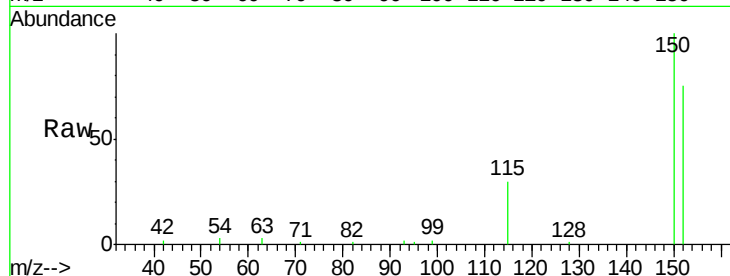
Tgt Ion: 152 Resp: 9209

Ion Ratio Lower Upper

152 100

150 133.1 106.0 159.0

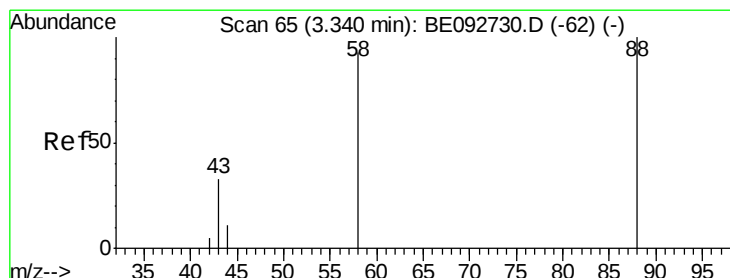
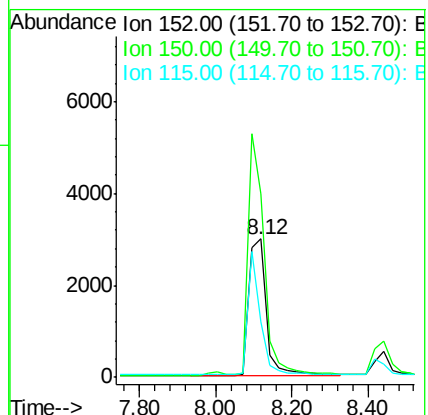
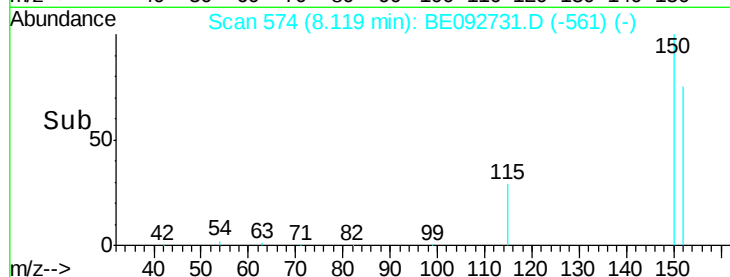
115 39.7 31.2 46.8



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: 0.68 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

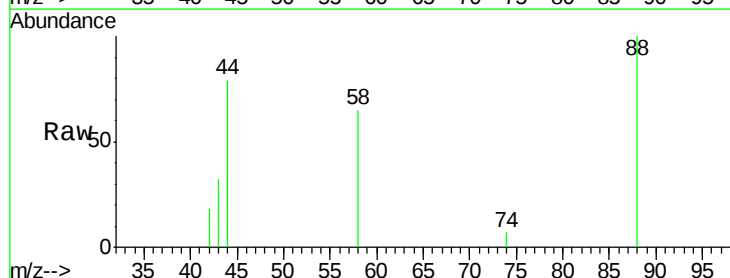
Tgt Ion: 88 Resp: 968

Ion Ratio Lower Upper

88 100

58 85.3 63.6 95.4

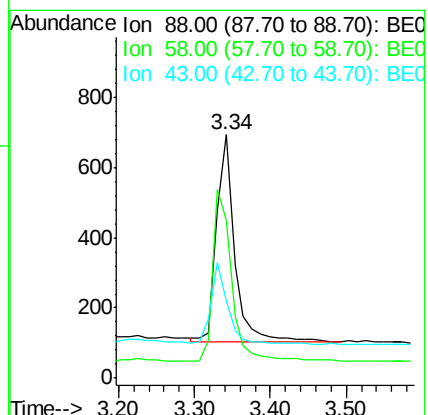
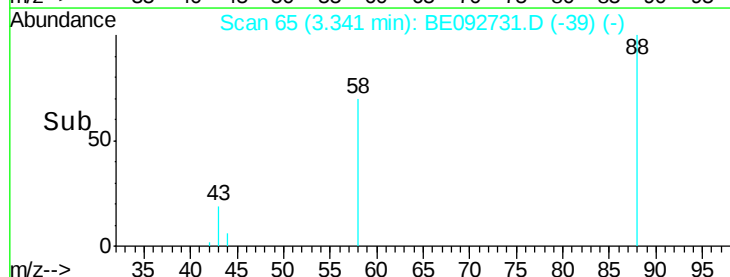
43 38.7 28.0 42.0

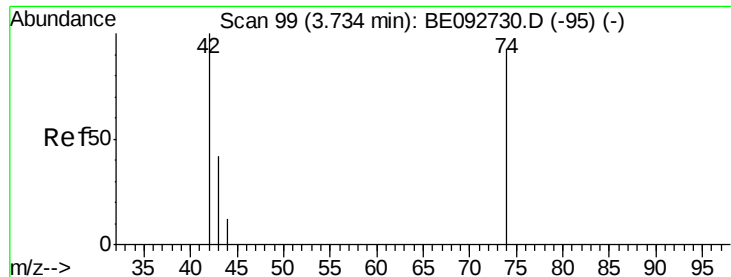


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.62 ng

RT: 3.71 min Scan# 97

Delta R.T. -0.02 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

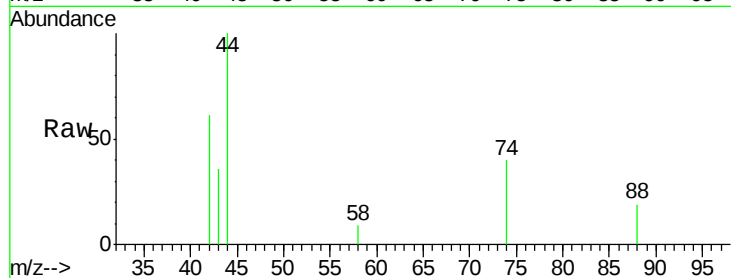
Tgt Ion: 42 Resp: 1037

Ion Ratio Lower Upper

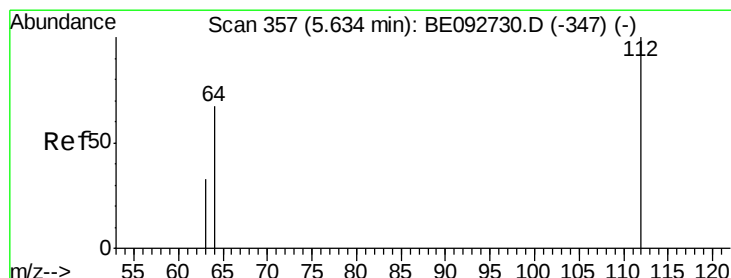
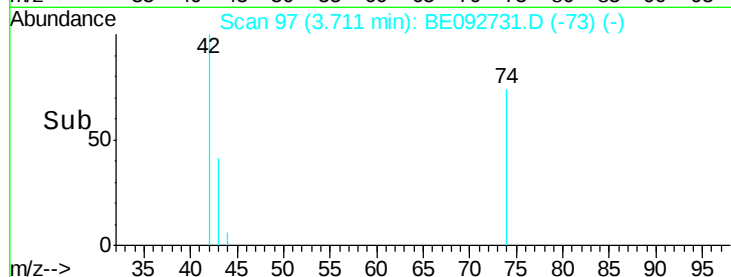
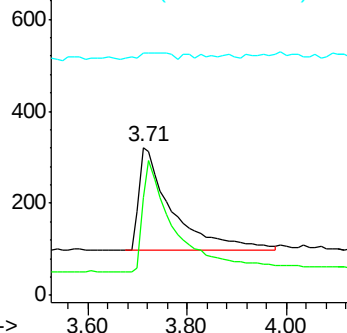
42 100

74 106.0 86.0 129.0

44 6.4 5.1 7.7



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



#4

2-Fluorophenol

Concen: 0.69 ng

RT: 5.62 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

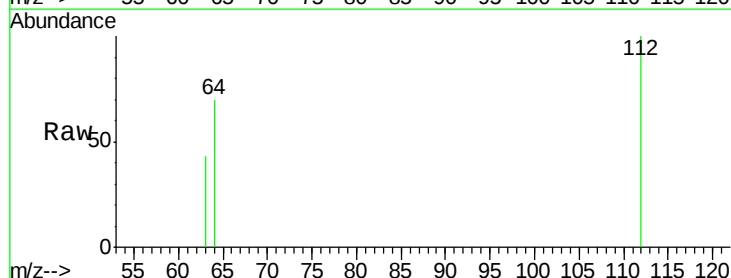
Tgt Ion: 112 Resp: 1414

Ion Ratio Lower Upper

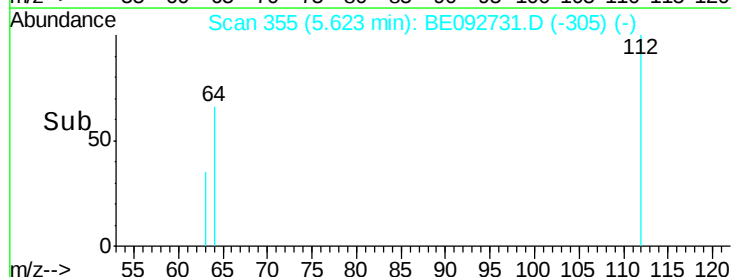
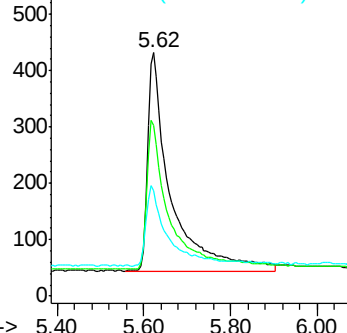
112 100

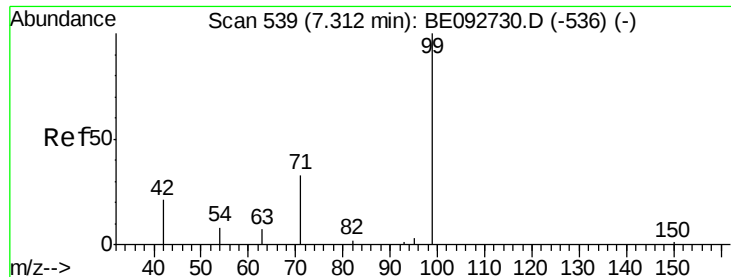
64 63.5 53.5 80.3

63 34.0 27.9 41.9



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





#5

Phenol-d6

Concen: 0.72 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

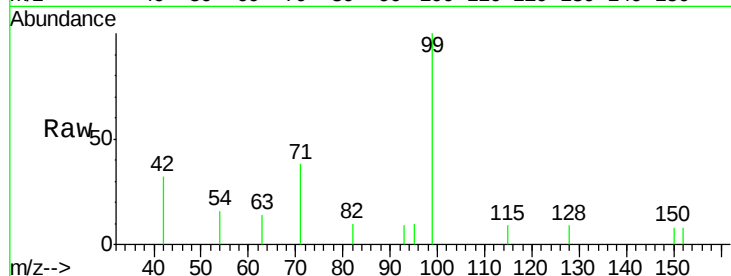
Tgt Ion: 99 Resp: 1811

Ion Ratio Lower Upper

99 100

42 24.2 16.0 24.0#

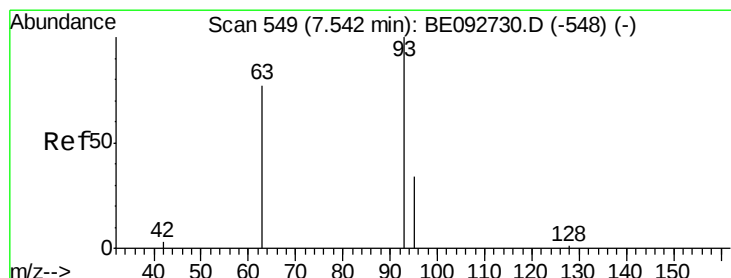
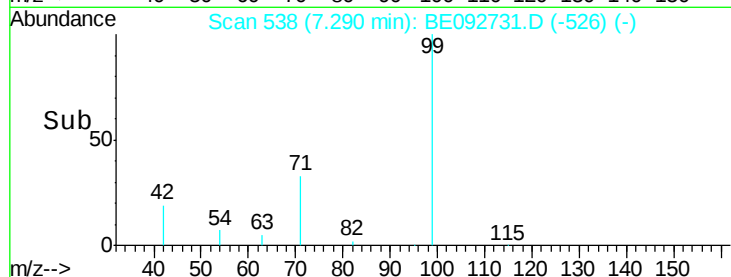
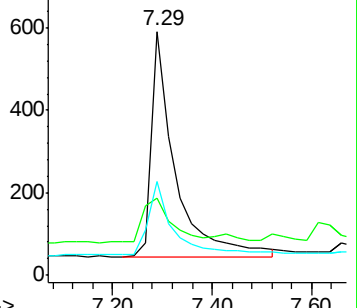
71 35.3 30.6 45.8



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: 0.74 ng

RT: 7.54 min Scan# 549

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

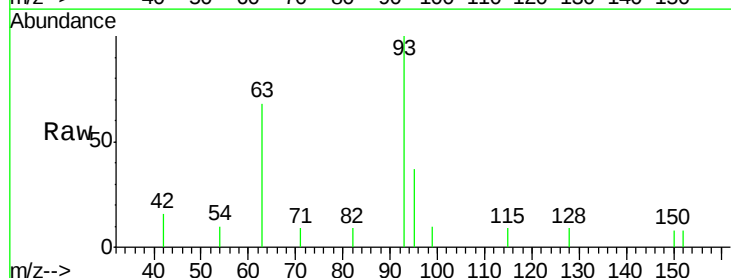
Tgt Ion: 93 Resp: 1971

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

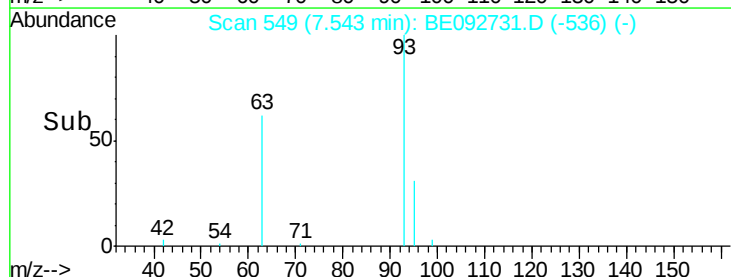
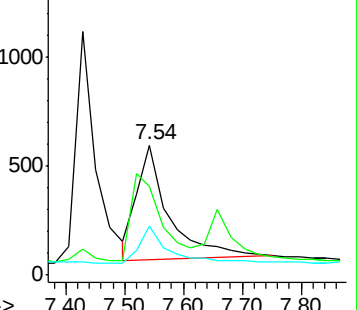
95 29.7 24.0 36.0

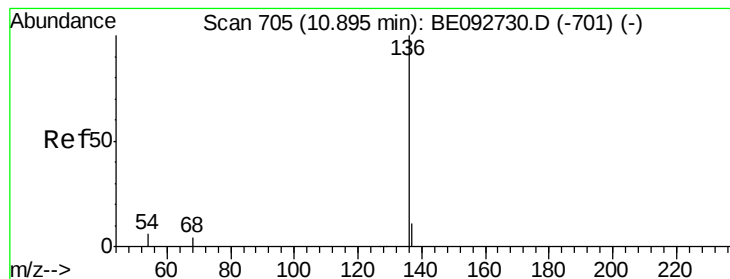


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.89 min Scan# 705

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

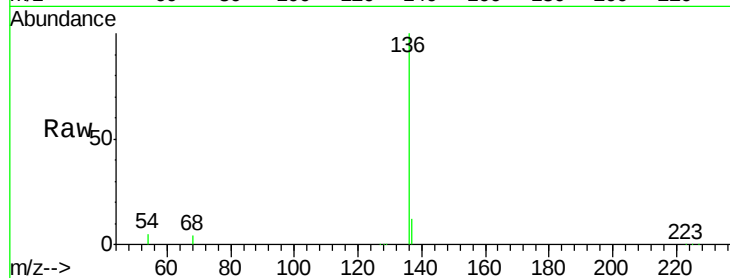
Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

Tgt Ion:	136	Resp:	43161
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	5.5	9.6	14.4#
68	4.2	6.7	10.1#

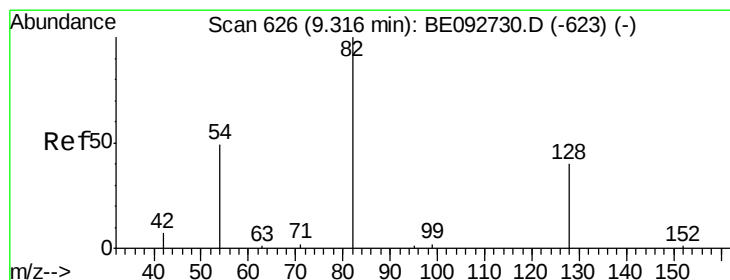
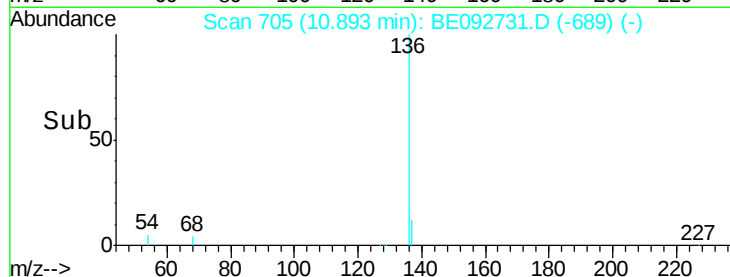
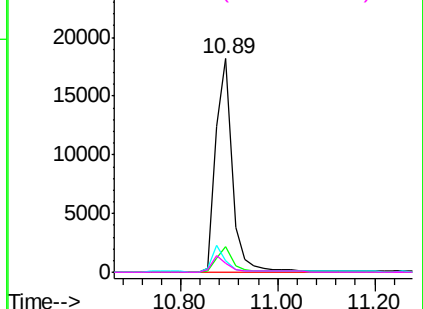


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.71 ng

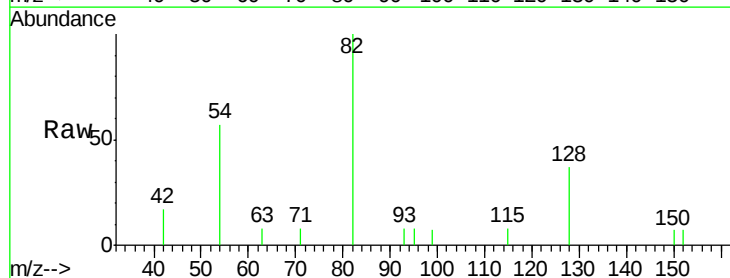
RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

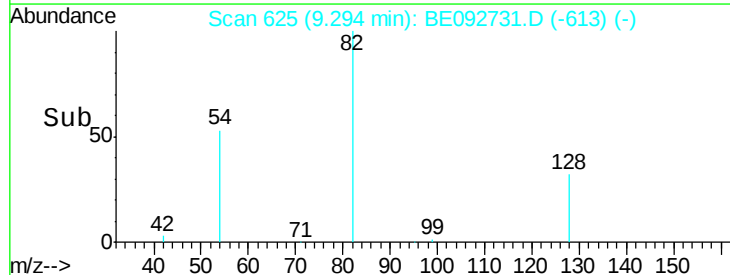
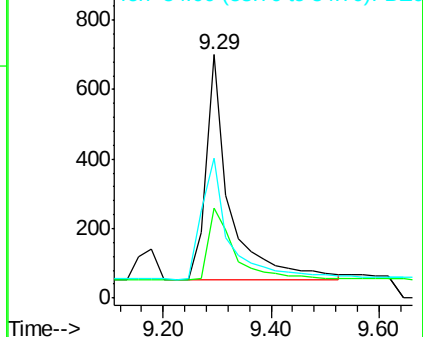
Tgt Ion:	82	Resp:	2003
Ion	Ratio	Lower	Upper
82	100		
128	37.1	39.0	58.4#
54	57.5	44.8	67.2

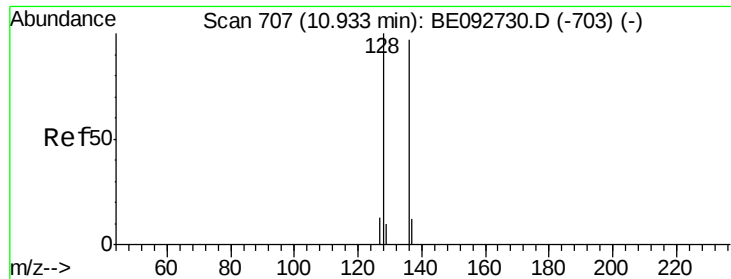


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.83 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

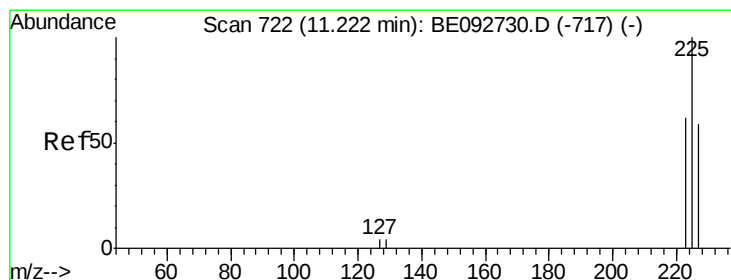
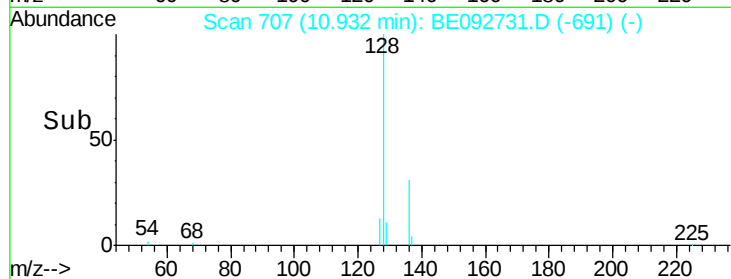
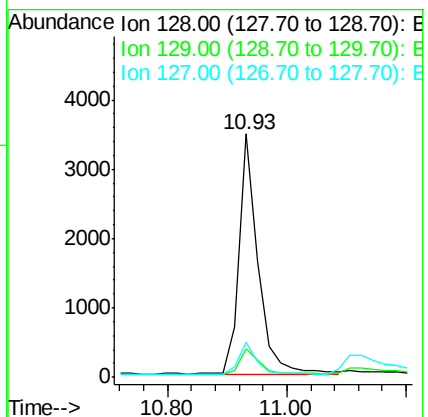
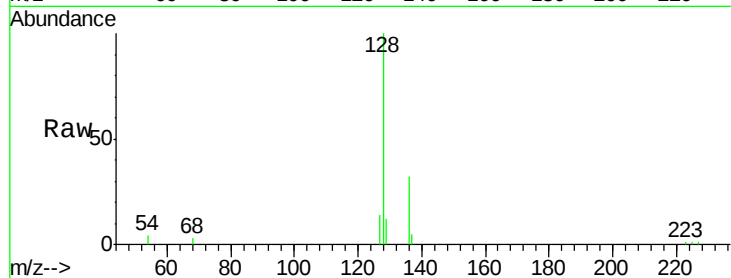
Tgt Ion:128 Resp: 7505

Ion Ratio Lower Upper

128 100

129 11.9 11.2 16.8

127 14.3 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.84 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

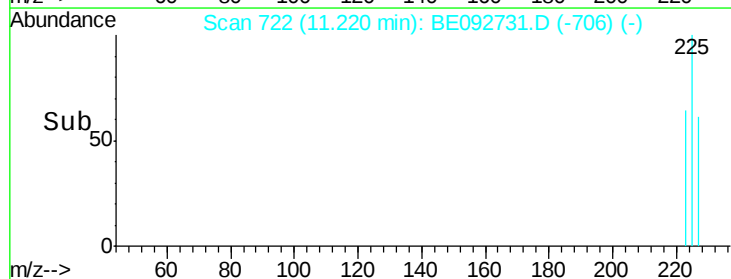
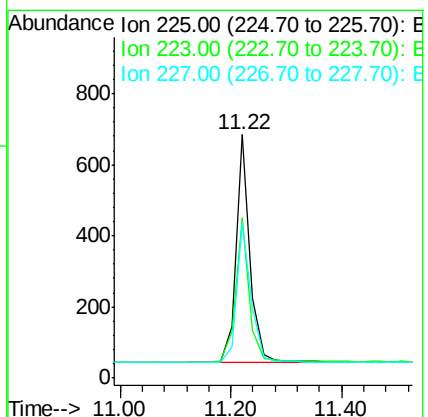
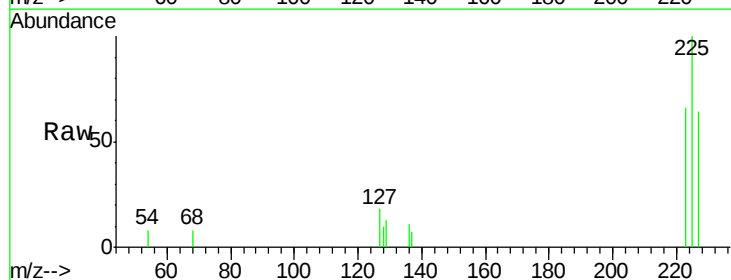
Tgt Ion:225 Resp: 1113

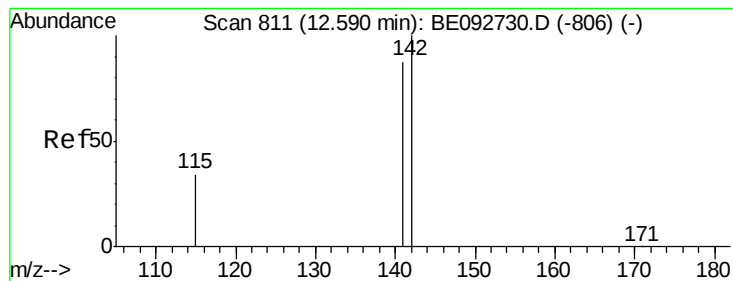
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 63.9 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.84 ng

RT: 12.58 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

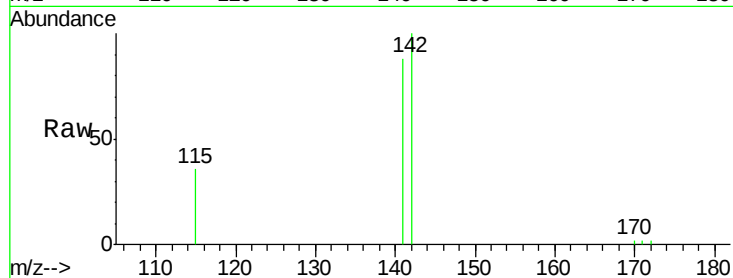
Tgt Ion:142 Resp: 4693

Ion Ratio Lower Upper

142 100

141 87.9 73.7 110.5

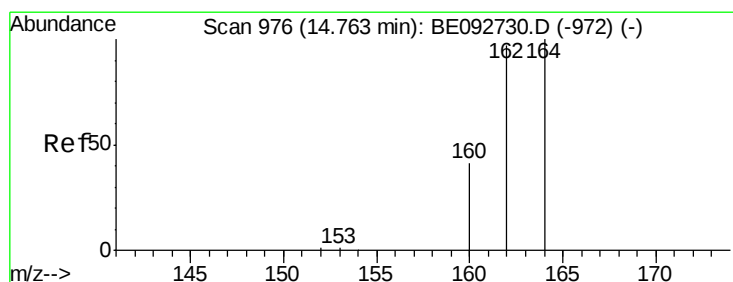
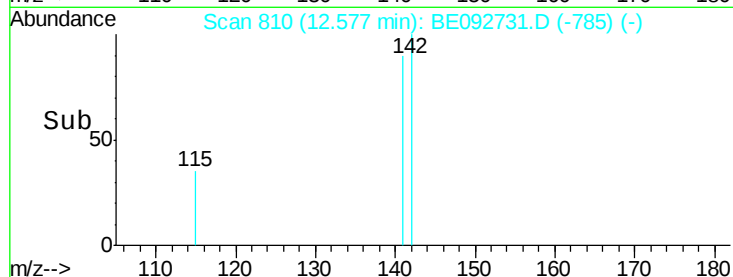
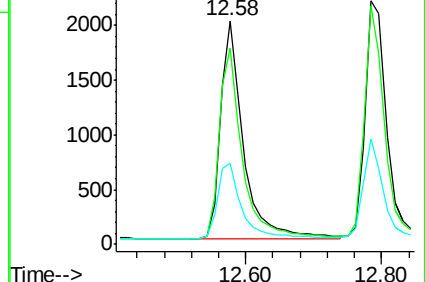
115 36.2 34.0 51.0



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: BE092731.D

Acq: 15 Feb 2017 13:44

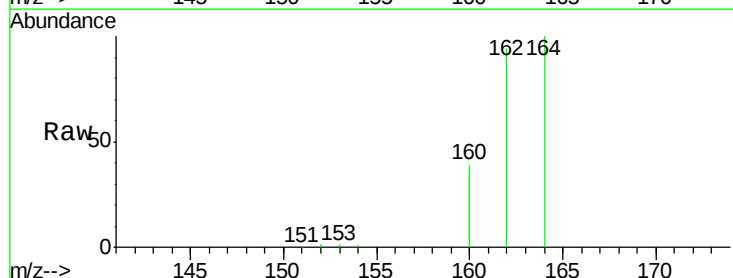
Tgt Ion:164 Resp: 27068

Ion Ratio Lower Upper

164 100

162 94.1 71.4 107.0

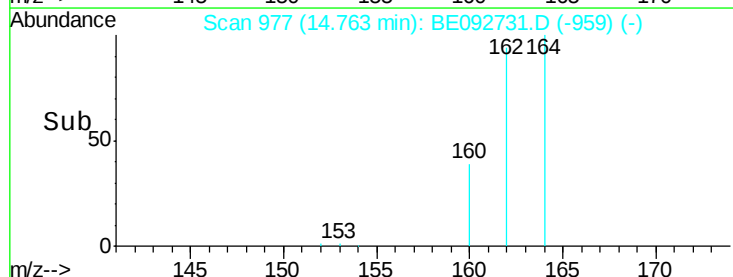
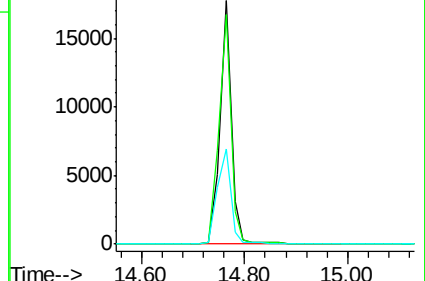
160 39.3 27.4 41.2

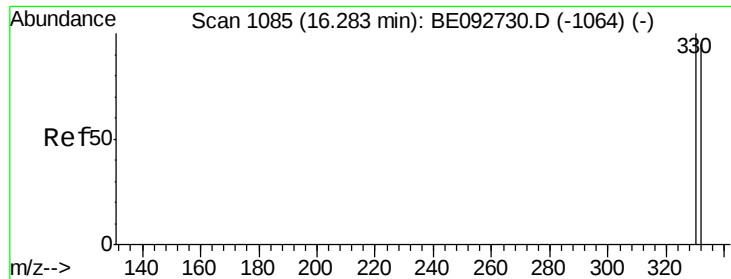


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

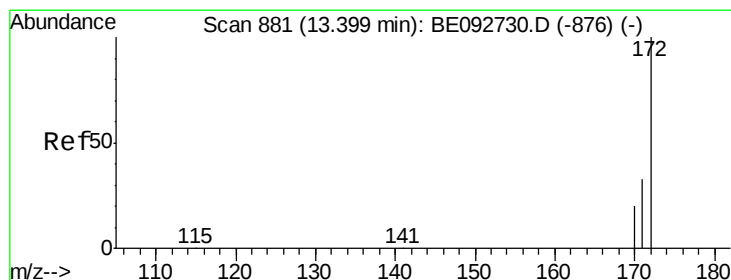
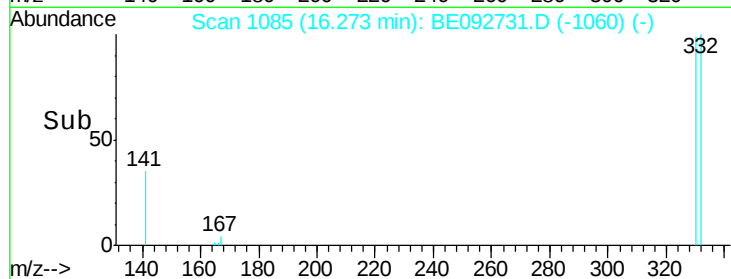
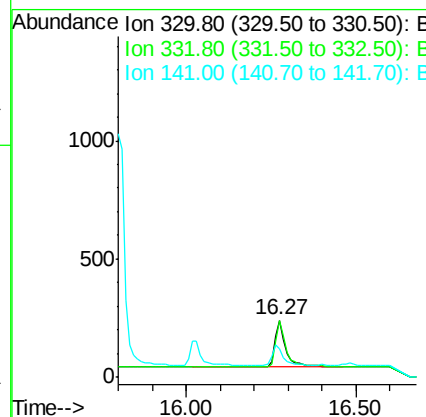
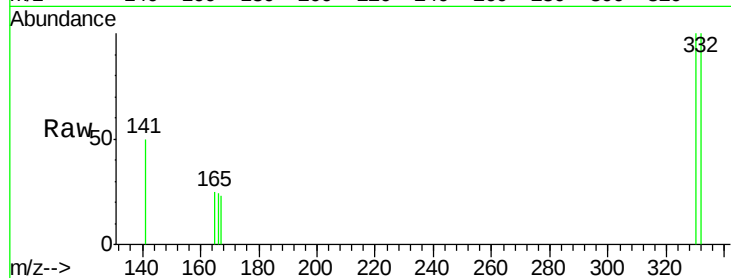




#13
 2,4,6-Tribromophenol
 Concen: 0.64 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

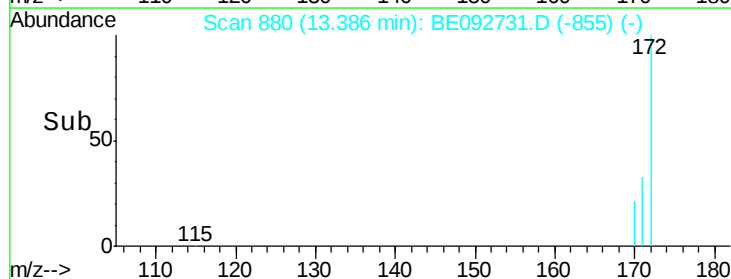
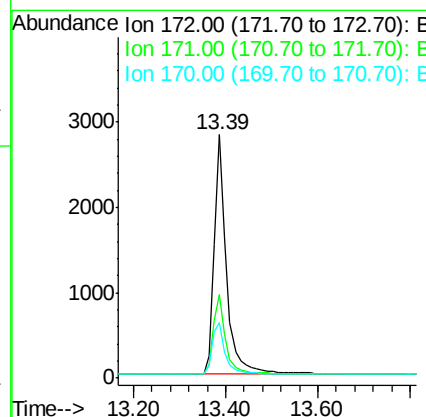
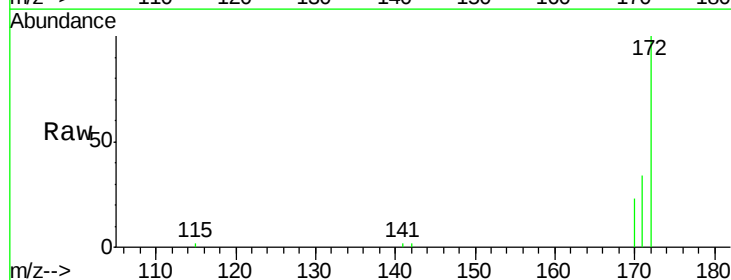
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

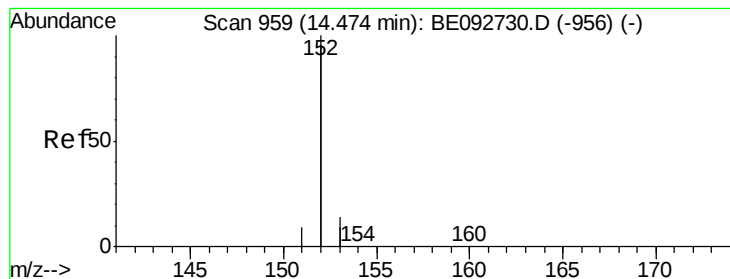
Tgt Ion: 330 Resp: 438
 Ion Ratio Lower Upper
 330 100
 332 100.5 75.4 113.0
 141 46.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.81 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

Tgt Ion: 172 Resp: 5368
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.1 45.1
 170 22.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.88 ng

RT: 14.47 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

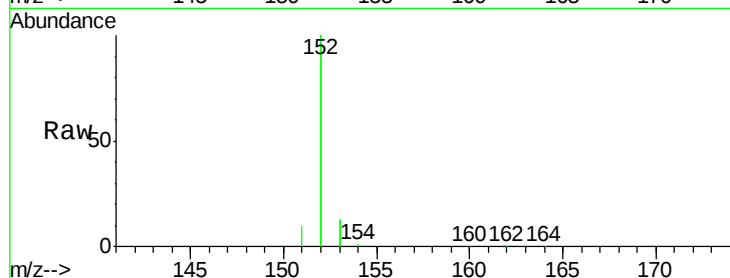
Tgt Ion:152 Resp: 32741

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

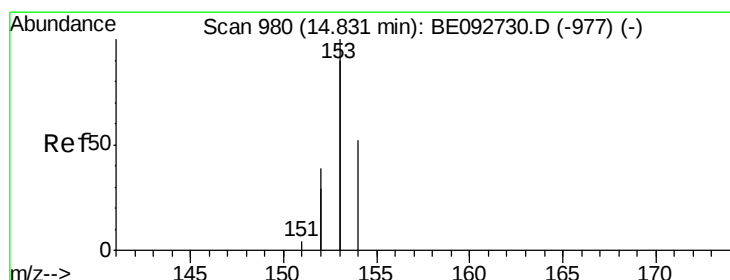
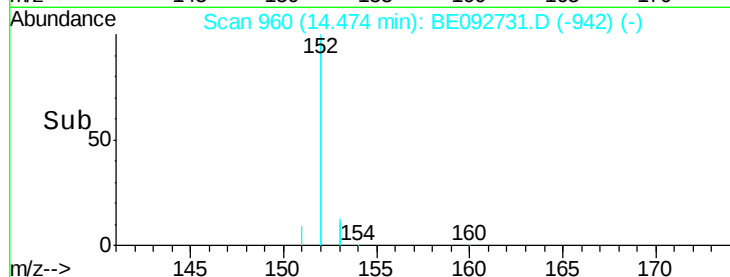
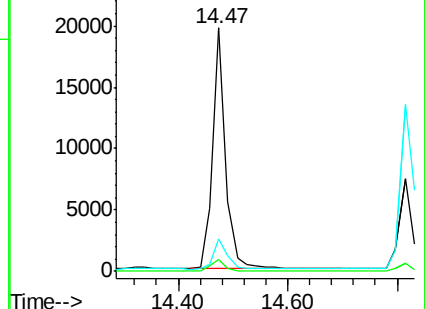
153 13.1 10.4 15.6



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: 0.82 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

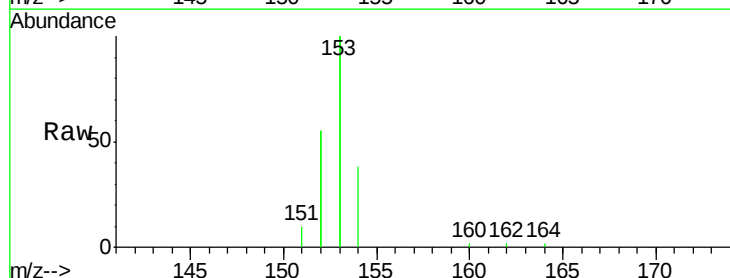
Tgt Ion:154 Resp: 4909

Ion Ratio Lower Upper

154 100

153 456.9 350.8 526.2

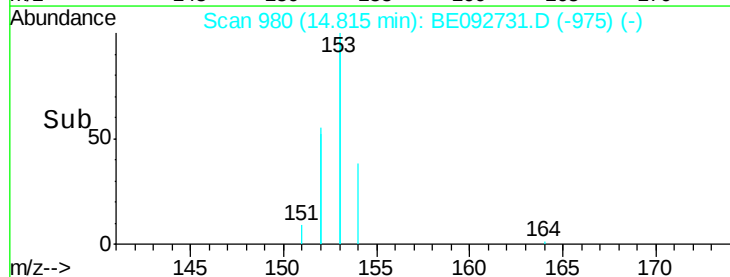
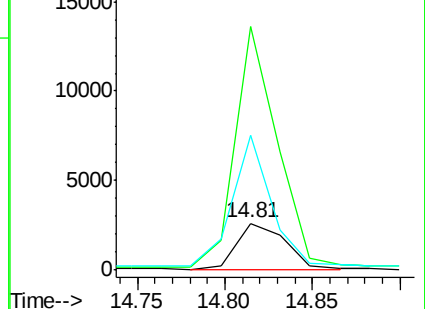
152 231.5 171.1 256.7

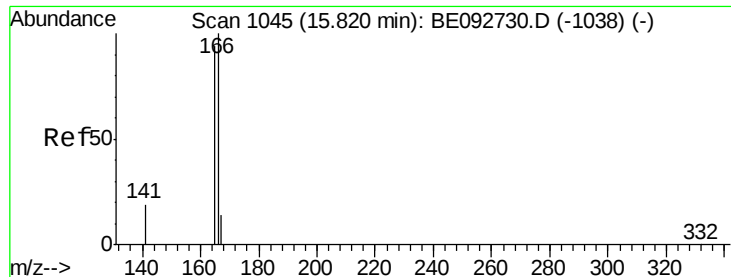


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

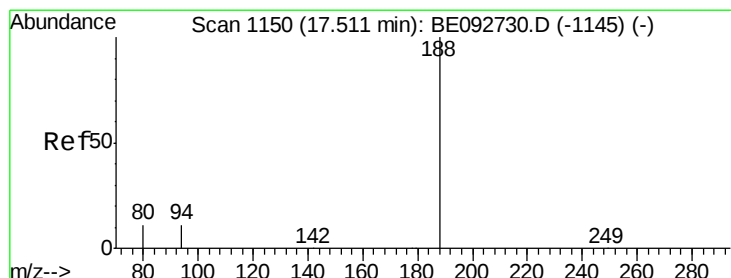
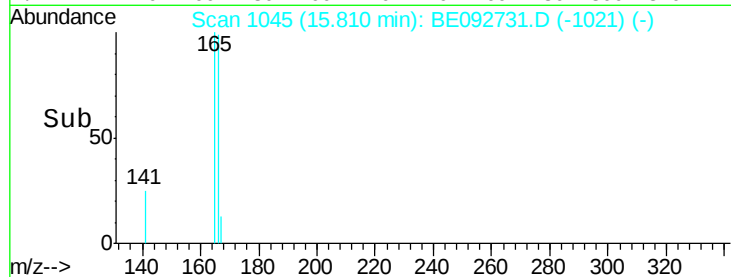
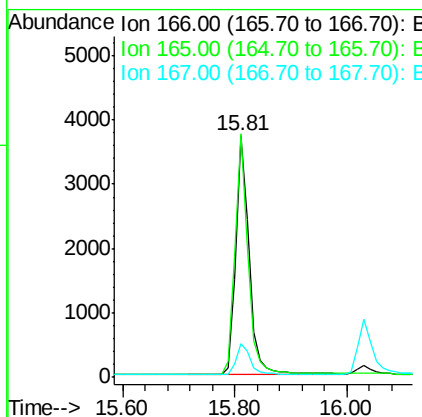
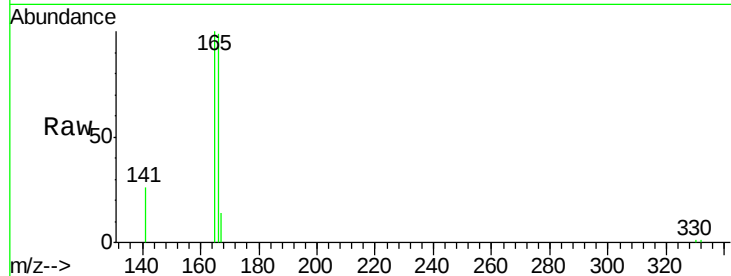




#17
Fluorene
 Concen: 0.83 ng
 RT: 15.81 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

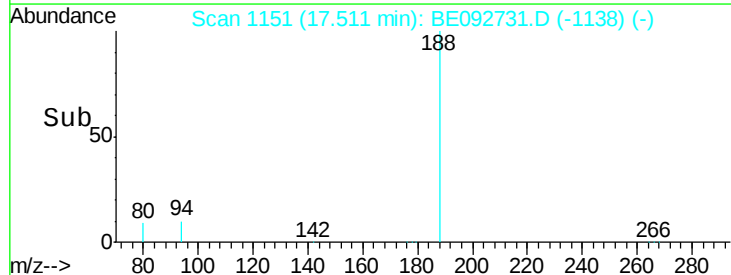
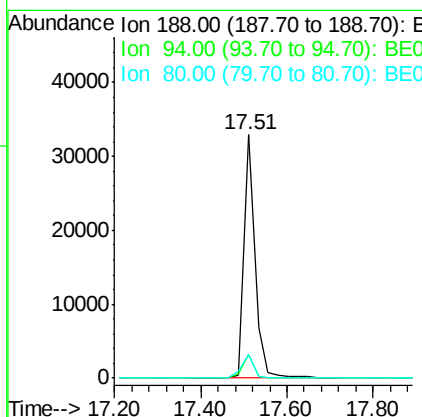
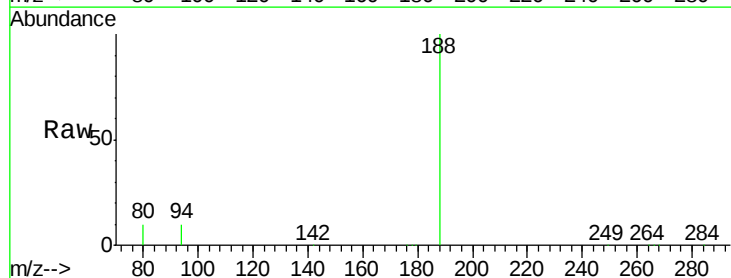
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

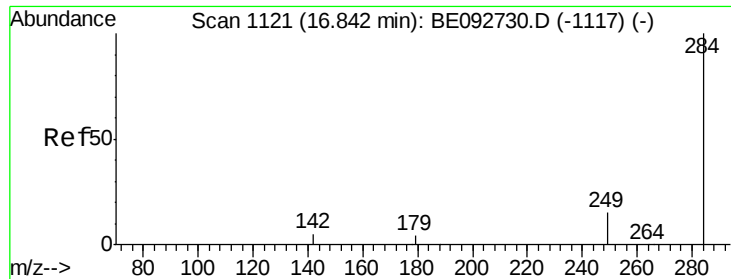
Tgt Ion:166 Resp: 6206
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

Tgt Ion:188 Resp: 57776
 Ion Ratio Lower Upper
 188 100
 94 9.9 3.2 4.8#
 80 9.6 2.6 3.8#

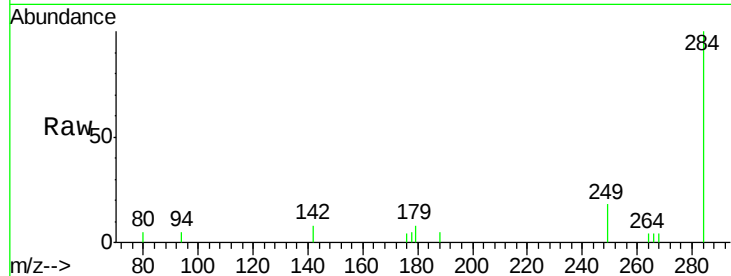




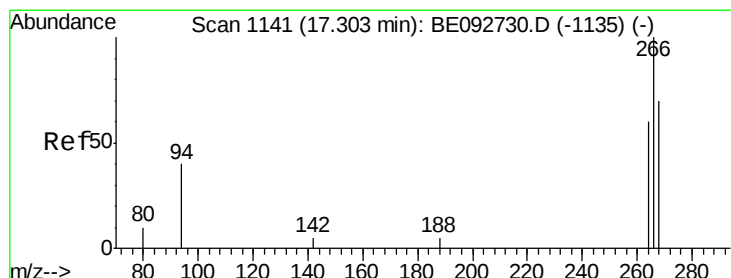
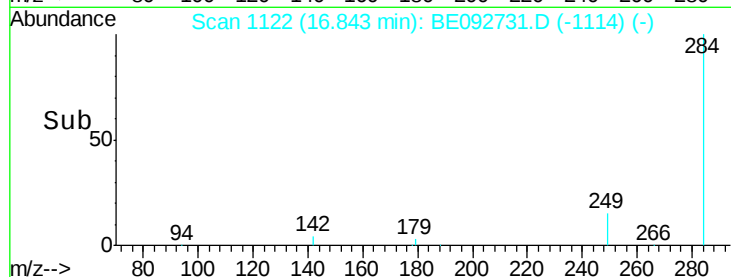
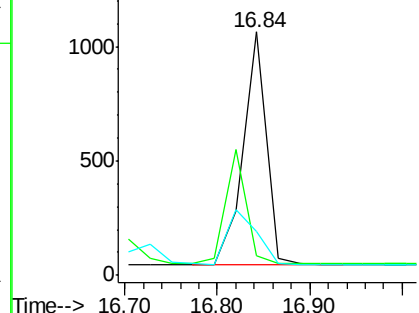
#19
Hexachlorobenzene
Concen: 0.82 ng
RT: 16.84 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion: 284 Resp: 1797
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

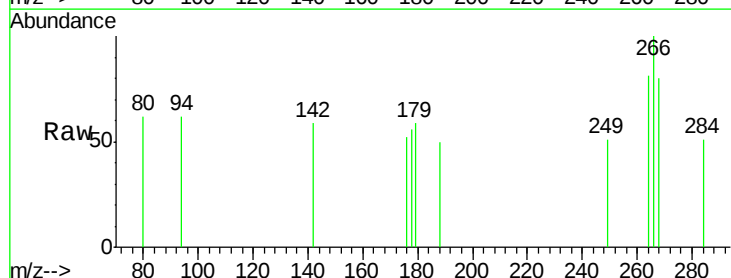


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

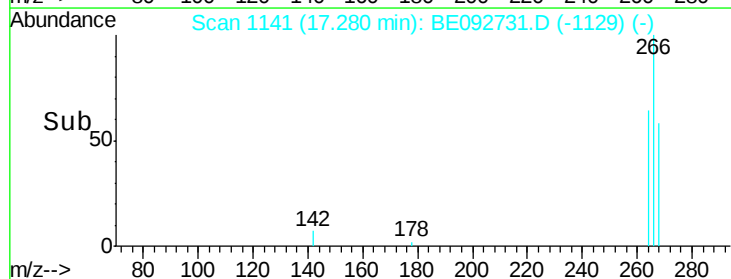
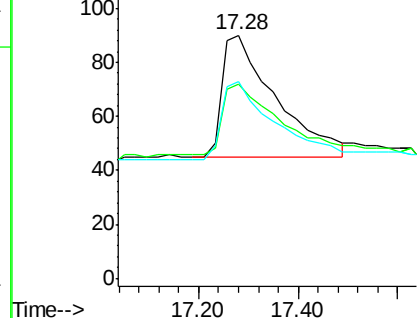


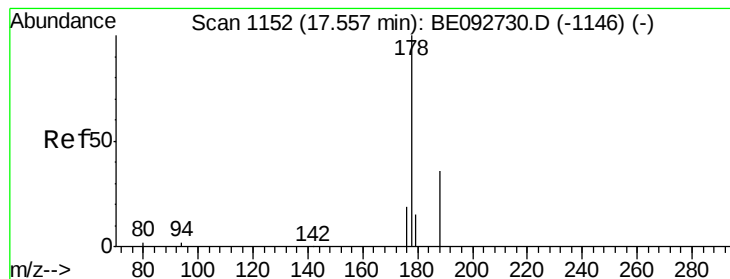
#20
Pentachlorophenol
Concen: 0.56 ng
RT: 17.28 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion: 266 Resp: 333
Ion Ratio Lower Upper
266 100
268 80.0 62.5 93.7
264 81.1 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: 0.86 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

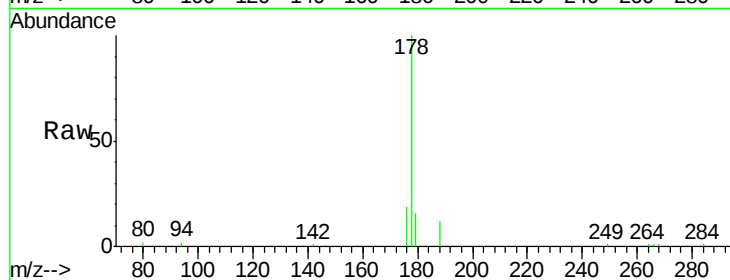
Tgt Ion:178 Resp: 10930

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

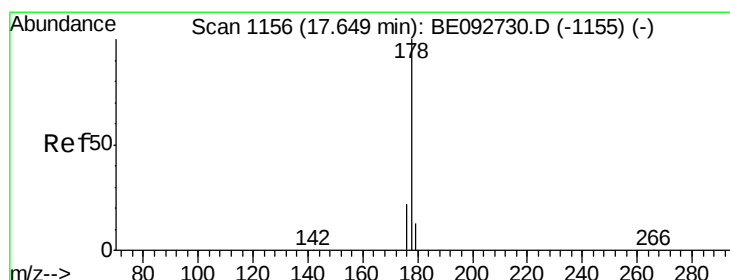
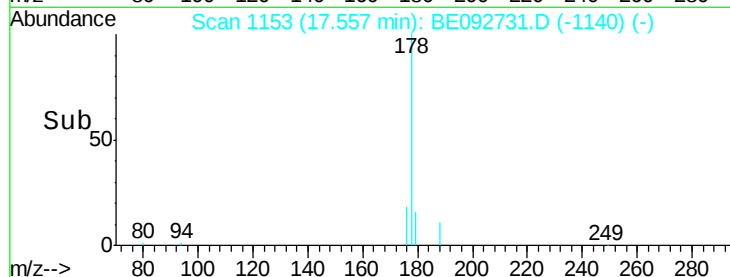
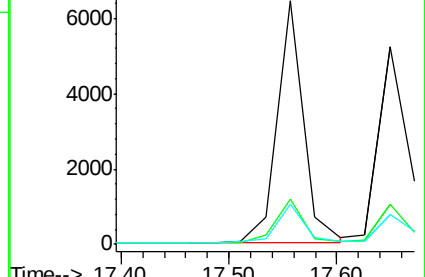
179 15.9 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.89 ng

RT: 17.65 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

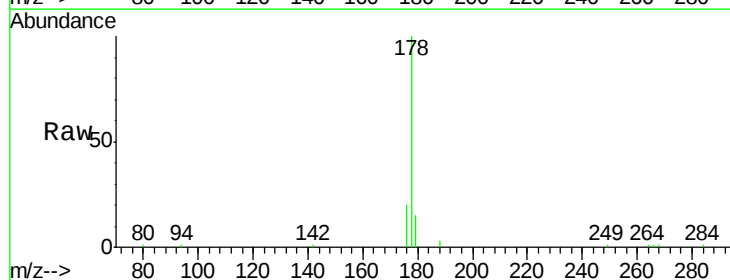
Tgt Ion:178 Resp: 10510

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

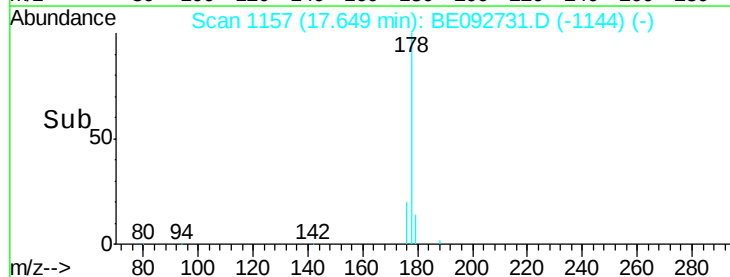
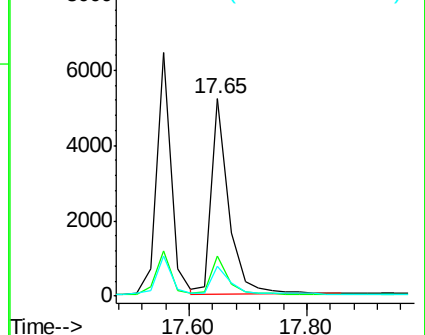
179 15.2 12.2 18.2

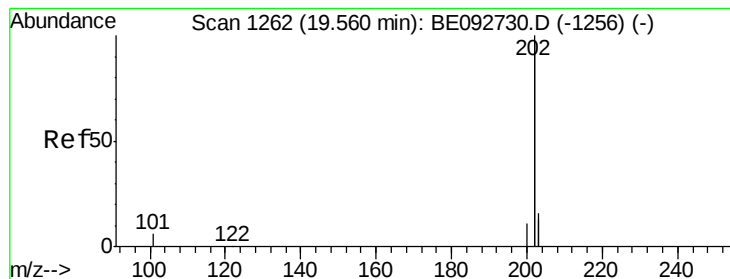


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.82 ng

RT: 19.56 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

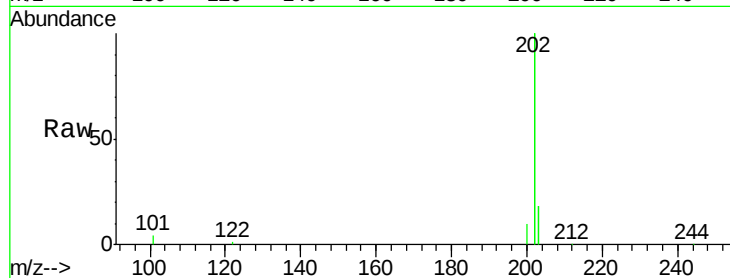
Tgt Ion:202 Resp: 46208

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

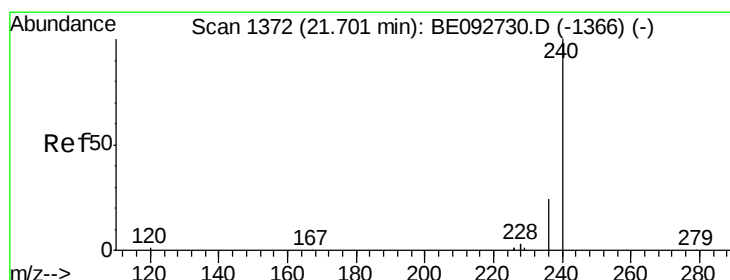
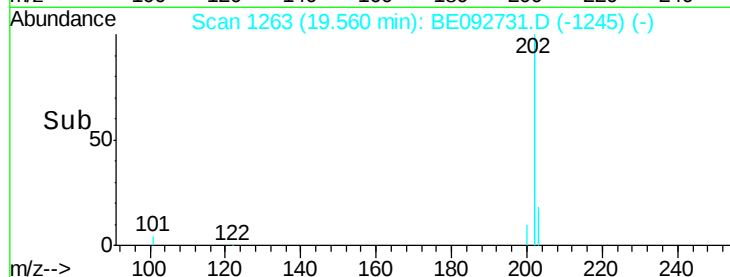
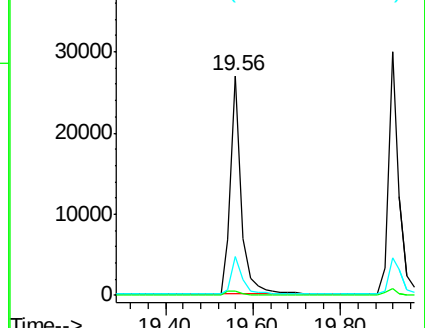
203 17.6 13.7 20.5



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: BE092731.D

Acq: 15 Feb 2017 13:44

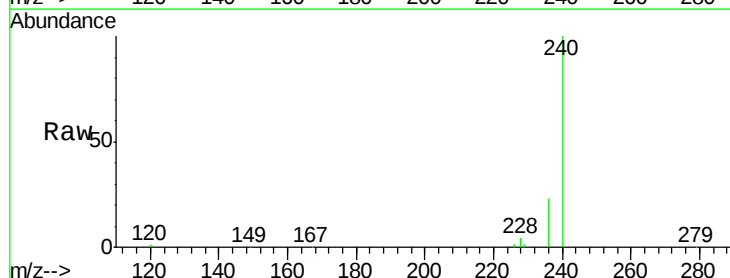
Tgt Ion:240 Resp: 69962

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

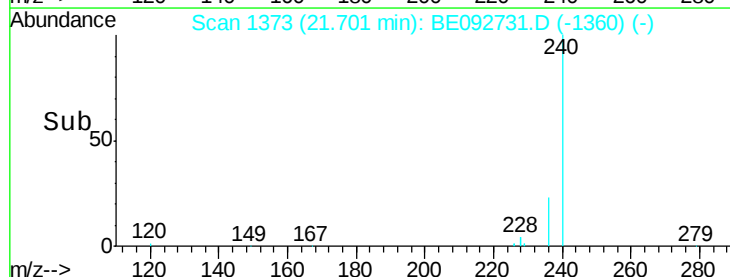
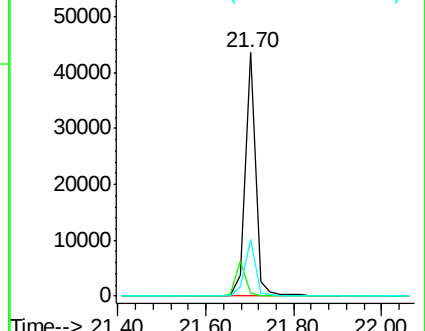
236 23.5 24.6 37.0#

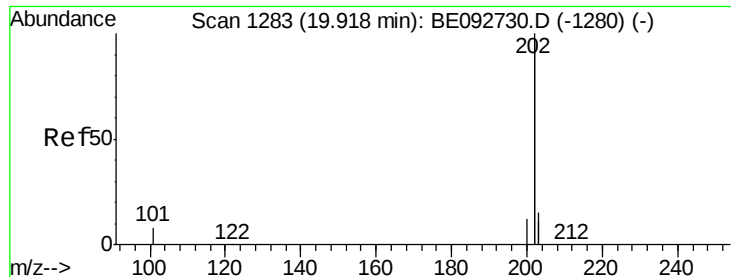


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

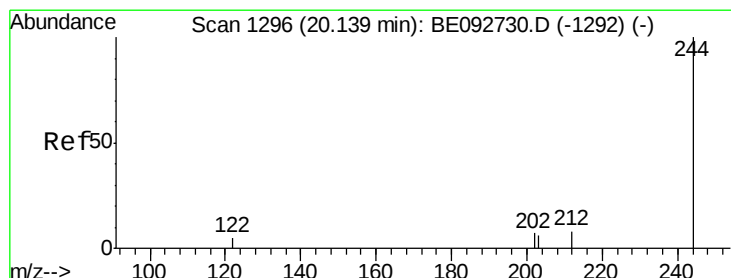
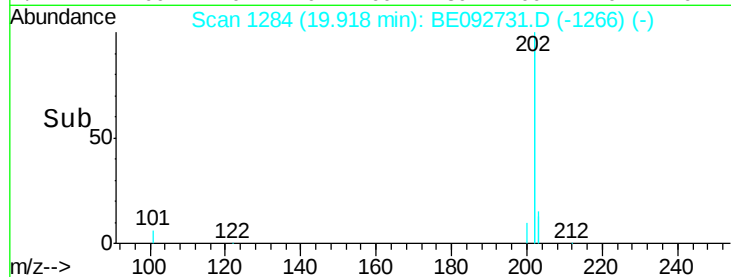
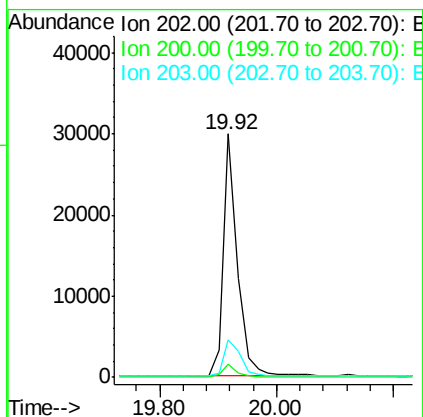
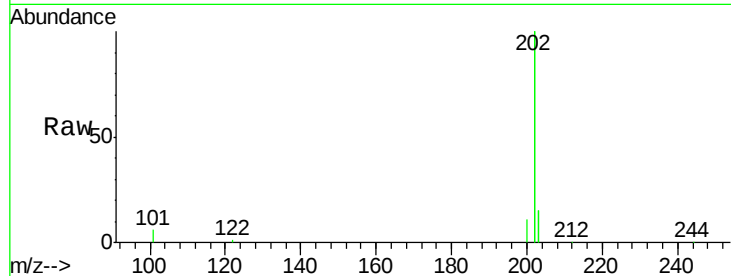




#25
 Pyrene
 Concen: 0.73 ng
 RT: 19.92 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

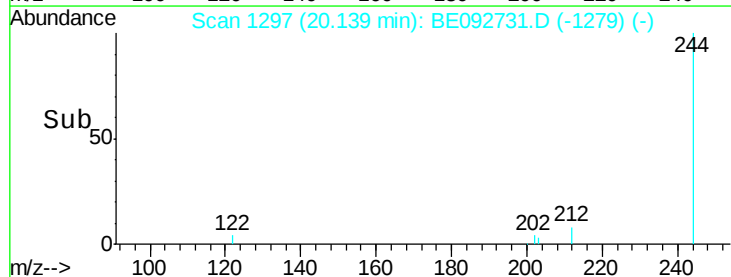
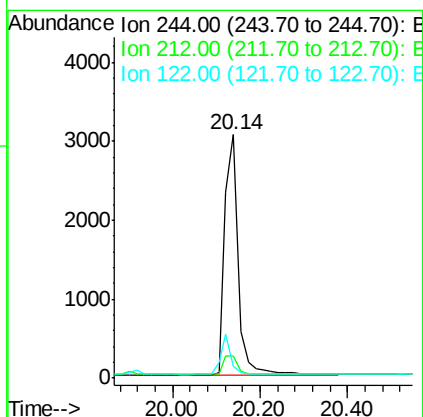
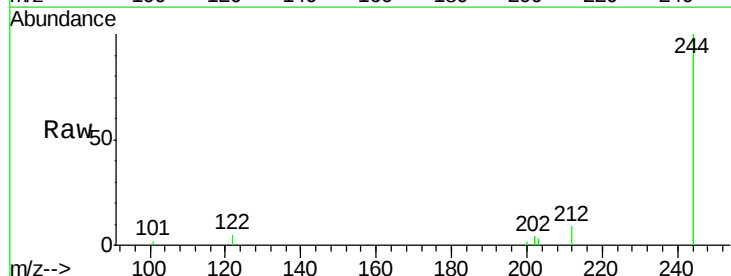
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

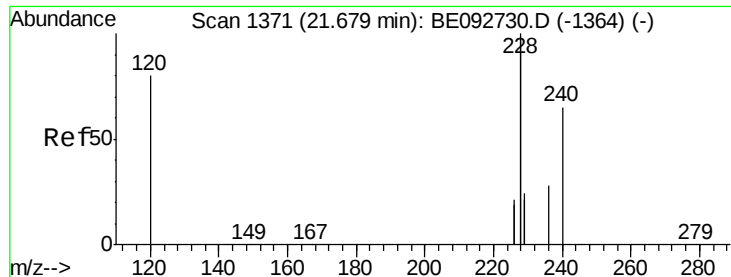
Tgt Ion: 202 Resp: 50201
 Ion Ratio Lower Upper
 202 100
 200 5.1 4.2 6.4
 203 17.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.66 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BE092731.D
 Acq: 15 Feb 2017 13:44

Tgt Ion: 244 Resp: 6529
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 5.1 3.6 5.4





#27

Benzo(a)anthracene

Concen: 0.74 ng

RT: 21.68 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

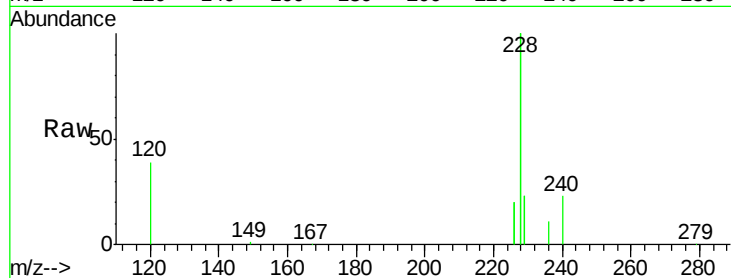
Tgt Ion:228 Resp: 51317

Ion Ratio Lower Upper

228 100

226 20.2 23.6 35.4#

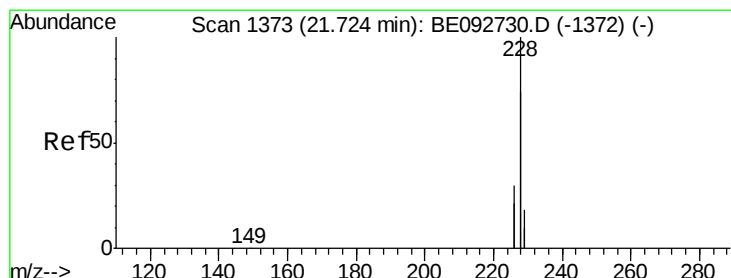
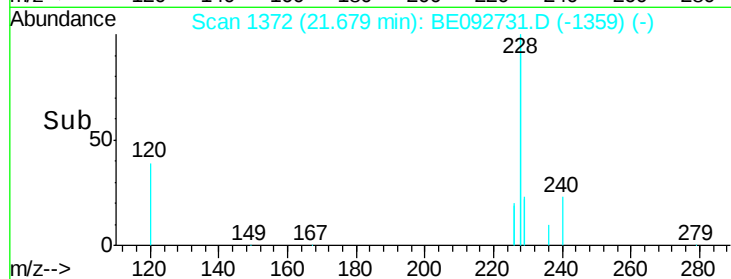
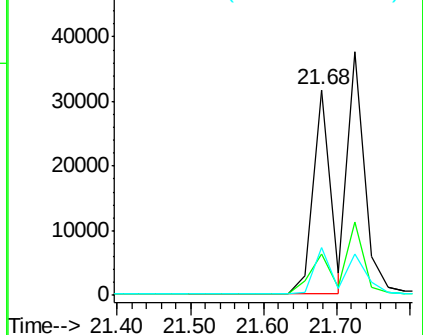
229 23.3 13.3 19.9#



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: 0.66 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.05 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

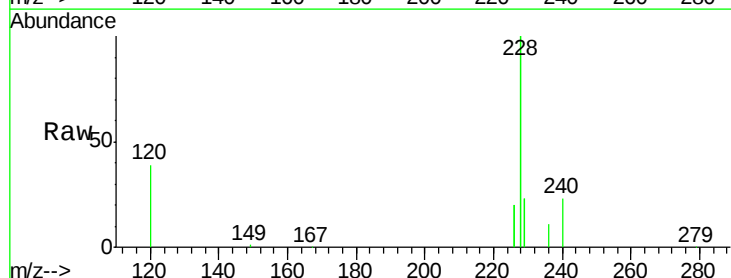
Tgt Ion:228 Resp: 51317

Ion Ratio Lower Upper

228 100

226 20.2 36.3 54.5#

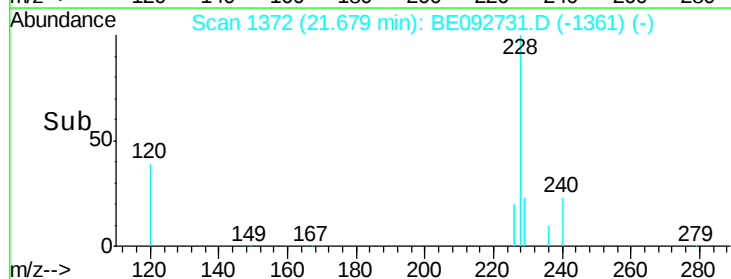
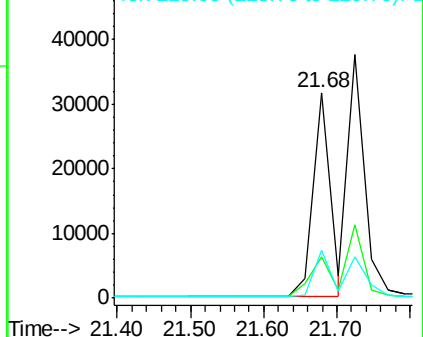
229 23.3 10.6 16.0#

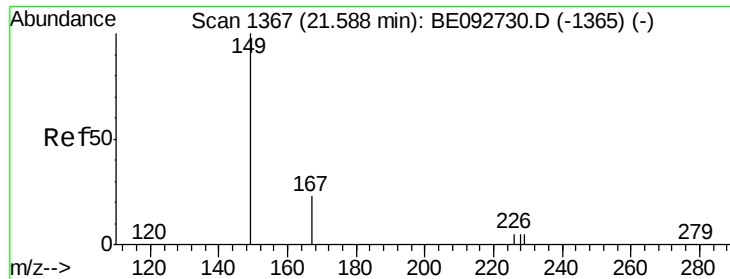


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

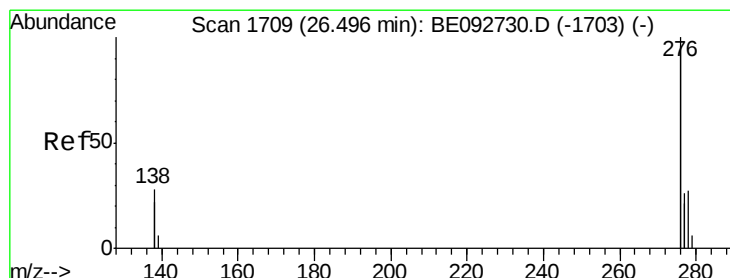
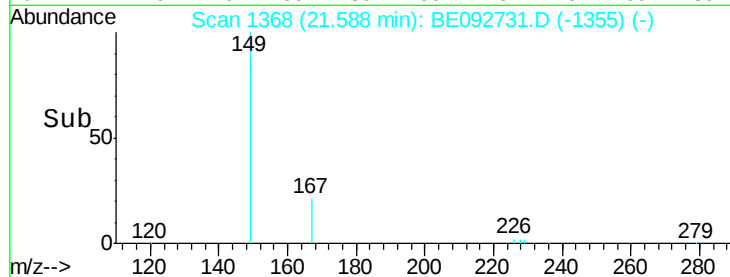
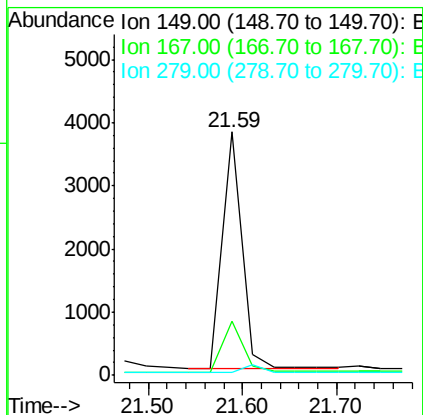
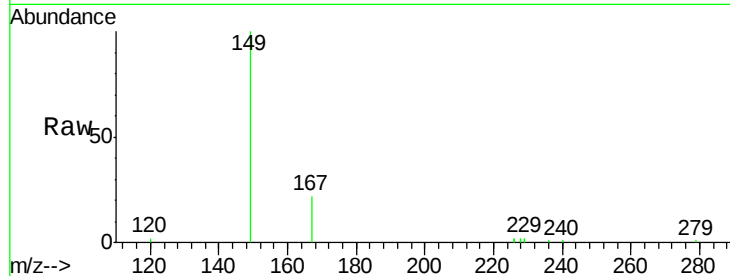




#29
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

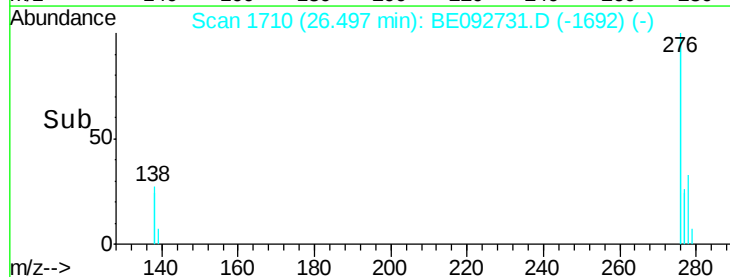
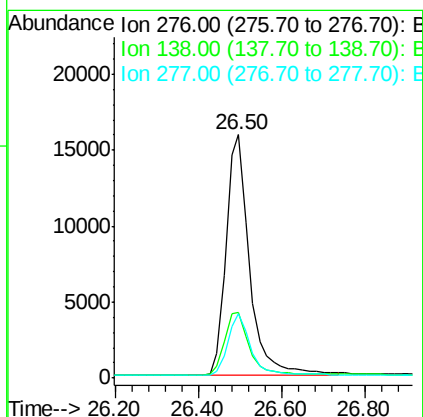
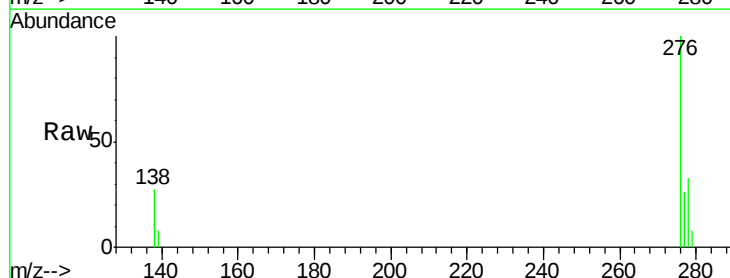
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

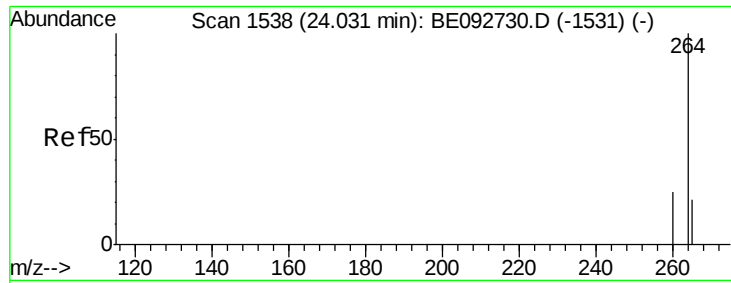
Tgt Ion:149 Resp: 5508
Ion Ratio Lower Upper
149 100
167 22.8 16.0 24.0
279 0.0 16.0 24.0#



#30
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng
RT: 26.50 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:276 Resp: 61759
Ion Ratio Lower Upper
276 100
138 27.7 20.3 30.5
277 24.8 19.7 29.5





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.03 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

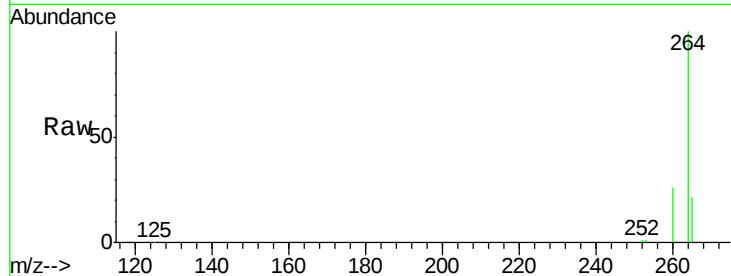
Tgt Ion:264 Resp: 64784

Ion Ratio Lower Upper

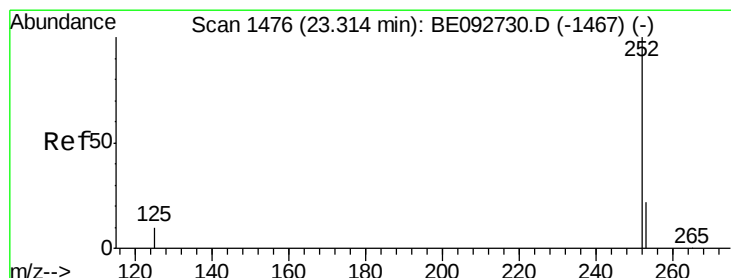
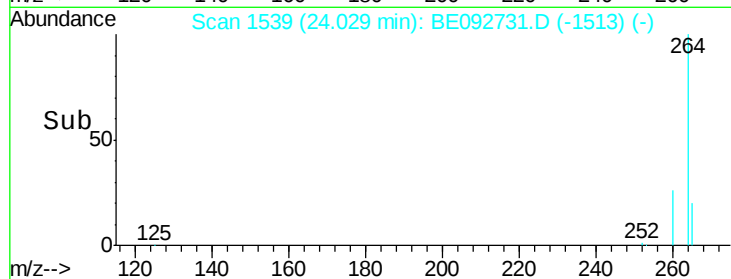
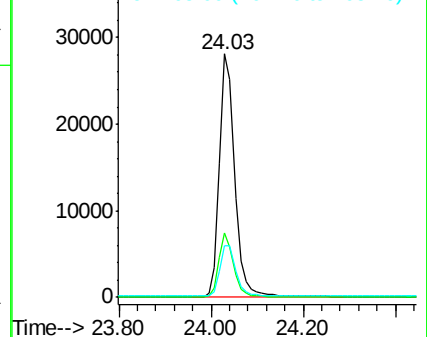
264 100

260 26.4 20.1 30.1

265 21.0 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: 0.87 ng

RT: 23.31 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

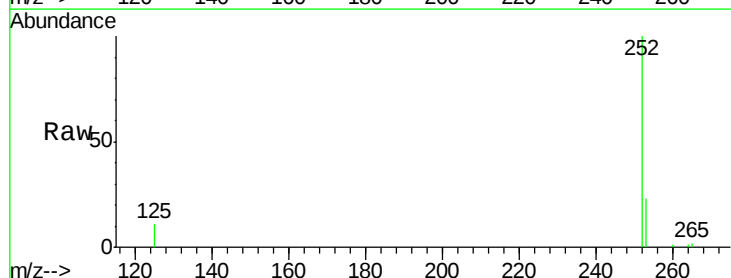
Tgt Ion:252 Resp: 13598

Ion Ratio Lower Upper

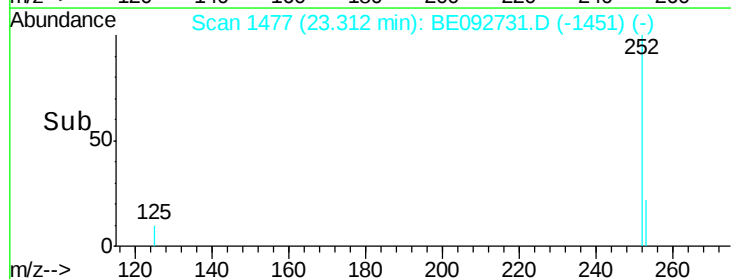
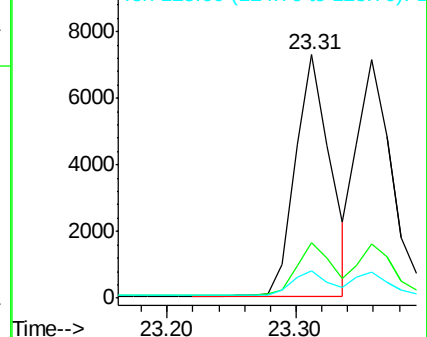
252 100

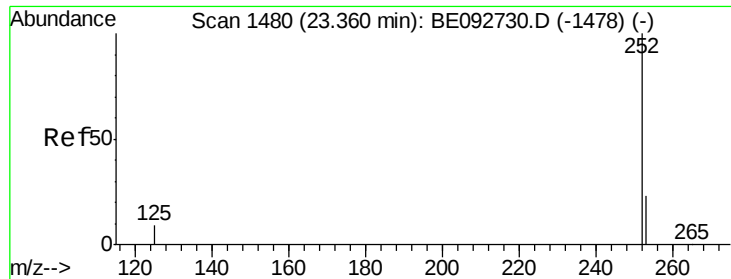
253 22.9 18.7 28.1

125 11.0 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: 0.90 ng

RT: 23.36 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

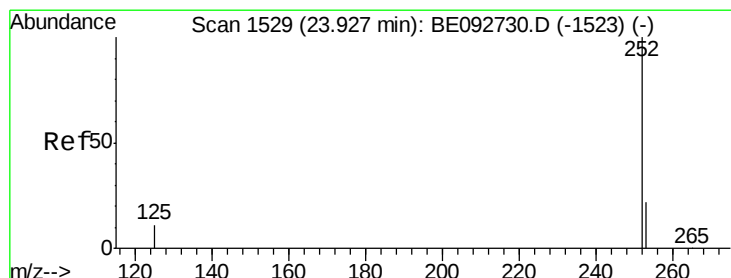
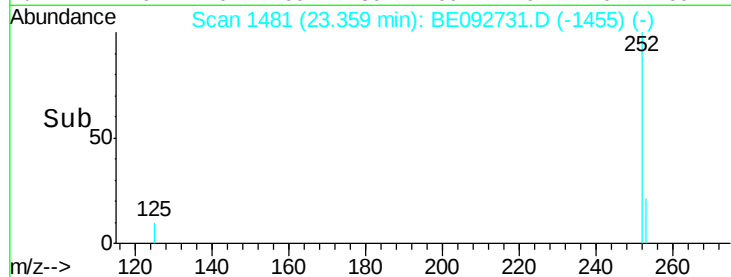
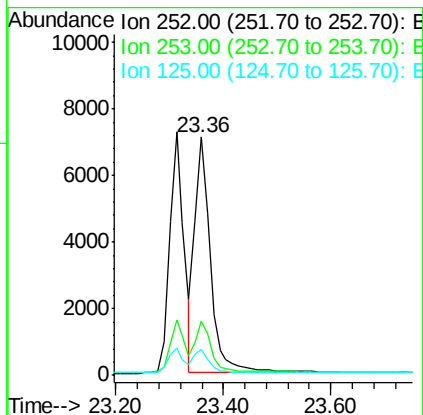
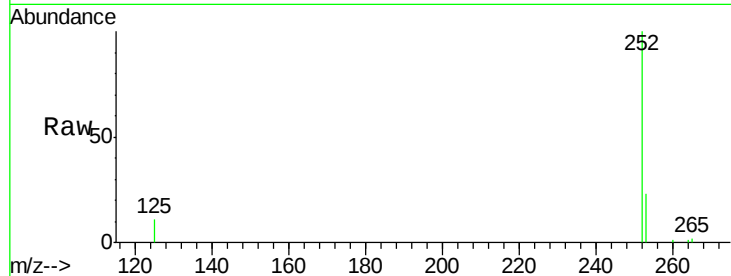
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:	252	Resp:	14127
Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	11.0	9.6	14.4



#34

Benzo(a)pyrene

Concen: 0.84 ng

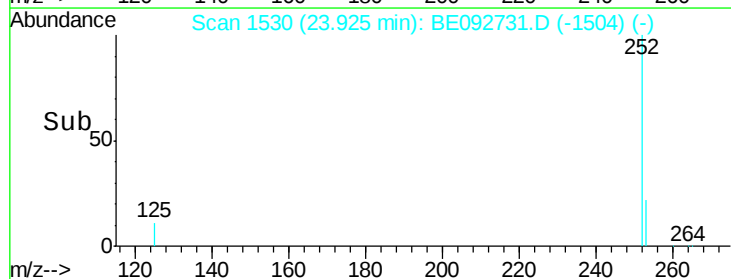
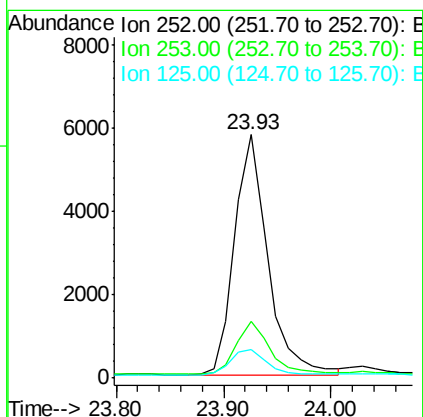
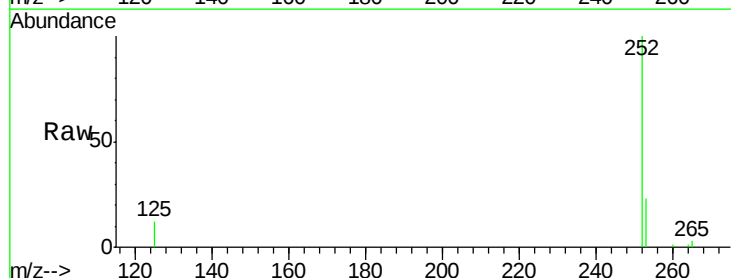
RT: 23.93 min Scan# 1530

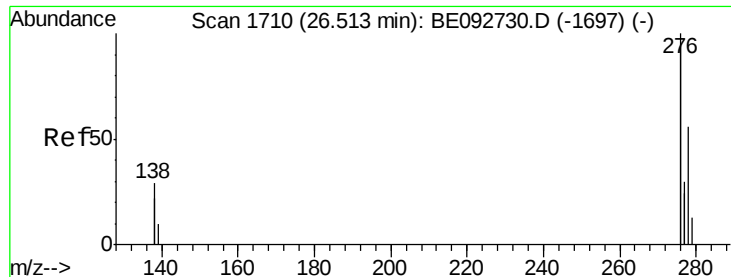
Delta R.T. -0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Tgt Ion:	252	Resp:	12356
Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	12.0	11.8	17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 26.51 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

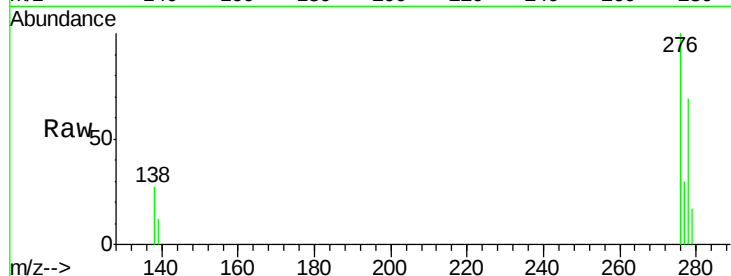
Tgt Ion: 278 Resp: 12936

Ion Ratio Lower Upper

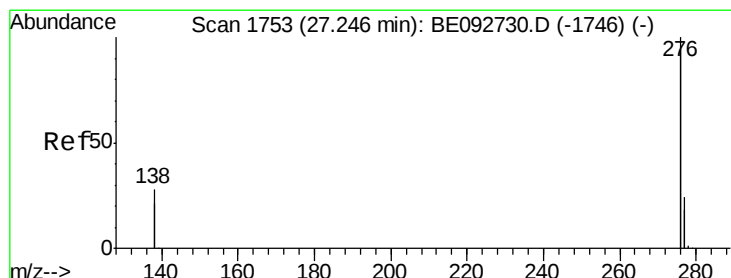
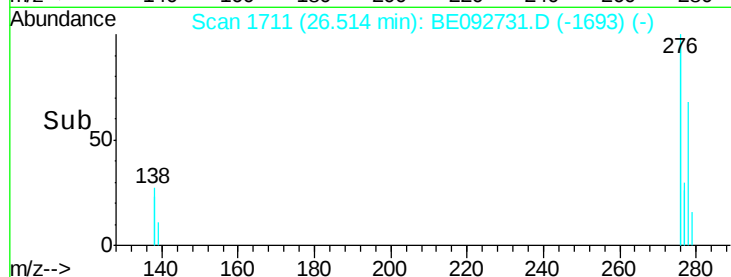
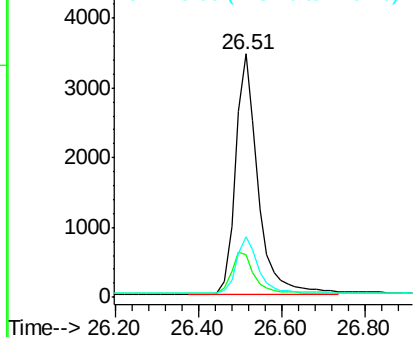
278 100

139 17.3 13.8 20.8

279 24.8 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.90 ng

RT: 27.25 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE092731.D

Acq: 15 Feb 2017 13:44

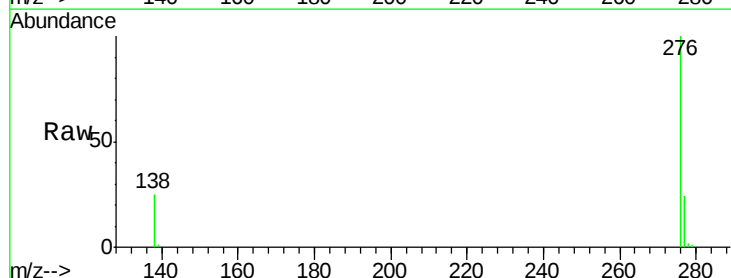
Tgt Ion: 276 Resp: 55014

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 24.8 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

