

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
 Data File : BE092592.D
 Acq On : 9 Dec 2016 14:09
 Operator : UM/SJ
 Sample : PB95153BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BSD

Quant Time: Dec 09 23:07:28 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10937	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	47588	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	28895	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50849	5.00	ng	0.00
24) Chrysene-d12	21.72	240	65229	5.00	ng	0.00
31) Perylene-d12	24.08	264	56771	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	20693	11.20	ng	-0.02
5) Phenol-d6	7.31	99	30337	9.81	ng	-0.04
8) Nitrobenzene-d5	9.32	82	13831	4.49	ng	-0.04
13) 2,4,6-Tribromophenol	16.28	330	6553	10.11	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	32079	4.55	ng	-0.02
26) Terphenyl-d14	20.16	244	35936	4.82	ng	-0.02

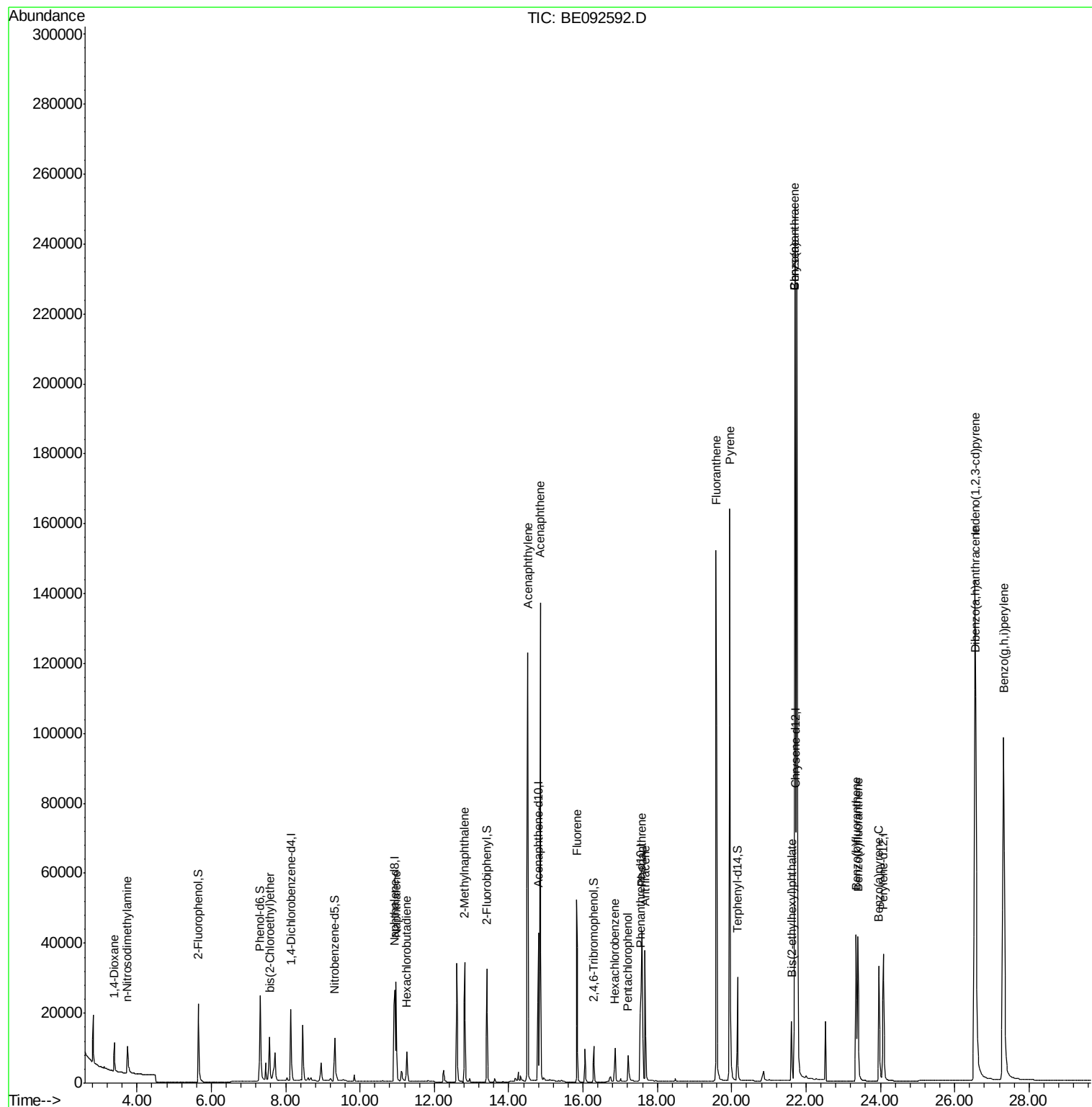
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4783	3.70	ng	# 62
3) n-Nitrosodimethylamine	3.73	42	7611	4.19	ng	# 95
6) bis(2-Chloroethyl)ether	7.57	93	12692	3.82	ng	90
9) Naphthalene	10.97	128	40529	4.13	ng	# 94
10) Hexachlorobutadiene	11.26	225	6122	4.10	ng	99
11) 2-Methylnaphthalene	12.82	142	25383	4.05	ng	95
15) Acenaphthylene	14.51	152	173758	4.32	ng	100
16) Acenaphthene	14.85	154	26277	4.00	ng	92
17) Fluorene	15.83	166	34242	4.21	ng	99
19) Hexachlorobenzene	16.86	284	10270	5.12	ng	# 65
20) Pentachlorophenol	17.21	266	6806	7.28	ng	# 86
21) Phenanthrene	17.58	178	56305	4.95	ng	# 94
22) Anthracene	17.67	178	53884	5.03	ng	98
23) Fluoranthene	19.58	202	227875	4.29	ng	99
25) Pyrene	19.95	202	238682	4.60	ng	99
27) Benzo(a)anthracene	21.70	228	517820	8.31	ng	# 88
28) Chrysene	21.70	228	519604	9.37	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.61	149	22021	5.20	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.55	276	303502	5.01	ng	97
32) Benzo(b)fluoranthene	23.35	252	59989	4.35	ng	# 96
33) Benzo(k)fluoranthene	23.39	252	59664	4.14	ng	94
34) Benzo(a)pyrene	23.96	252	59005	4.63	ng	94
35) Dibenzo(a,h)anthracene	26.57	278	63762	5.06	ng	96
36) Benzo(g,h,i)perylene	27.31	276	263600	4.94	ng	97

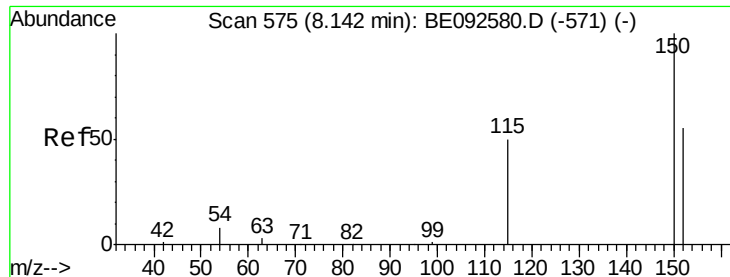
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

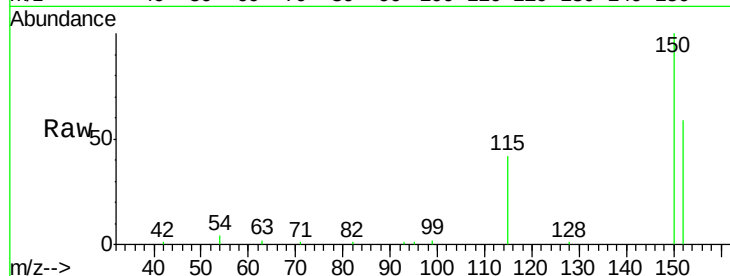
Tgt Ion:152 Resp: 10937

Ion Ratio Lower Upper

152 100

150 169.0 106.0 159.0#

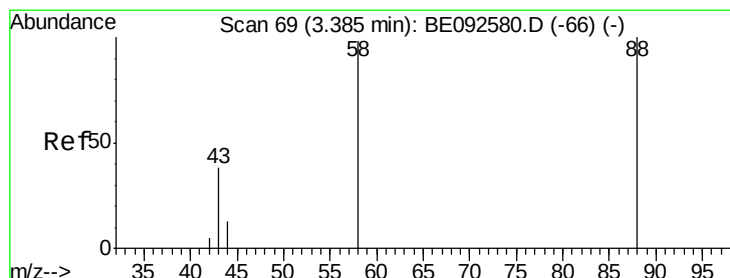
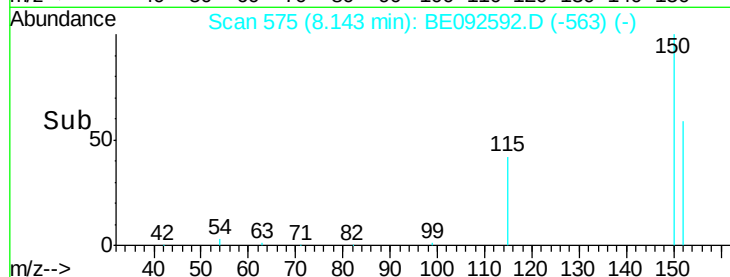
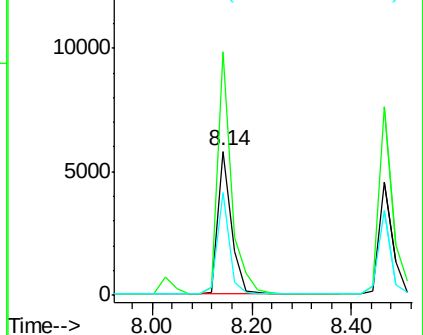
115 71.2 31.2 46.8#



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: 3.70 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

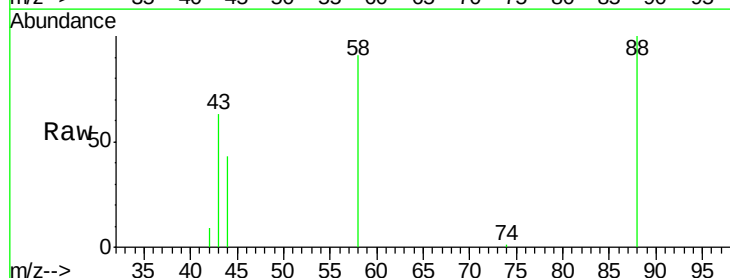
Tgt Ion: 88 Resp: 4783

Ion Ratio Lower Upper

88 100

58 98.7 63.6 95.4#

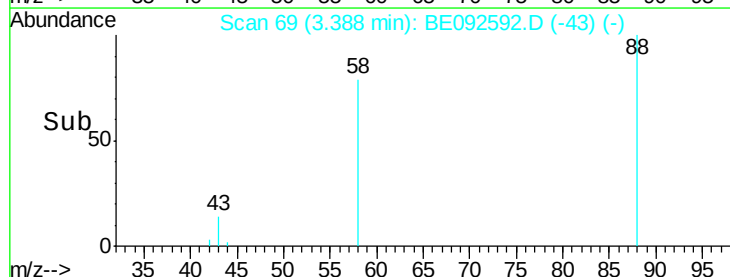
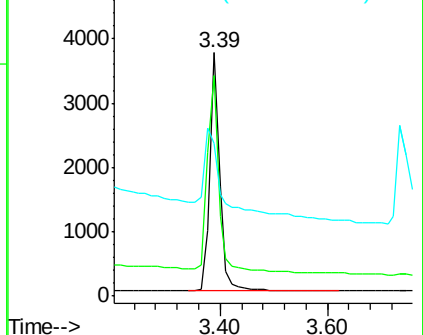
43 78.2 28.0 42.0#

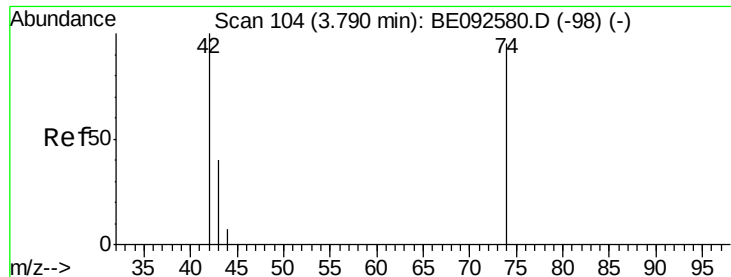


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.19 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.04 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

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ClientSampleId :

PB95153BSD

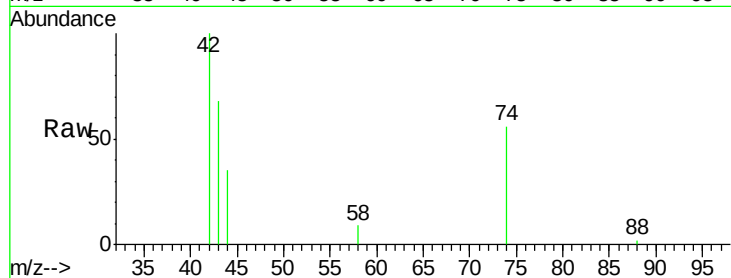
Tgt Ion: 42 Resp: 7611

Ion Ratio Lower Upper

42 100

74 103.4 86.0 129.0

44 15.5 5.1 7.7#

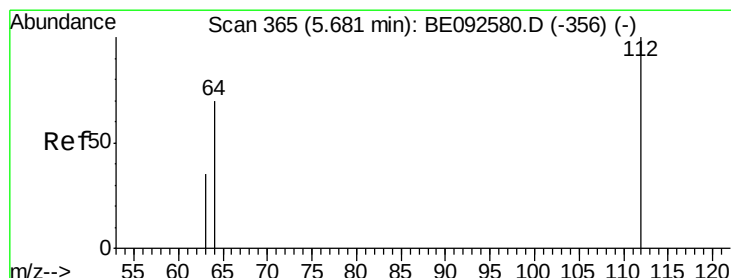
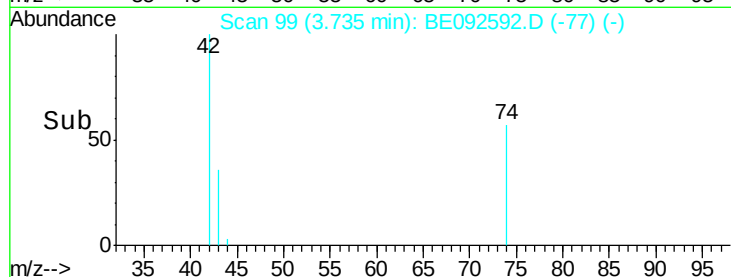


Abundance Ion 42.00 (41.70 to 42.70): BE092580.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BE092580.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BE092580.D (-98) (-)

Time-->



#4

2-Fluorophenol

Concen: 11.20 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

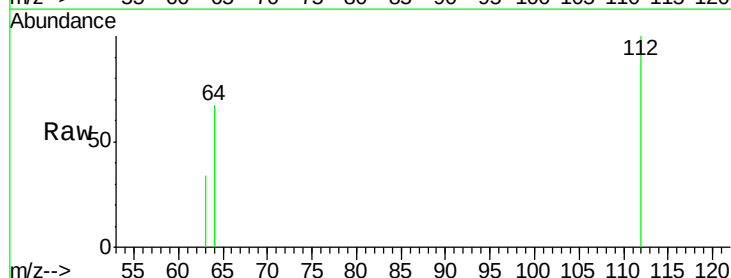
Tgt Ion: 112 Resp: 20693

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

63 36.6 27.9 41.9

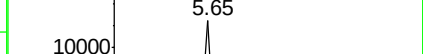
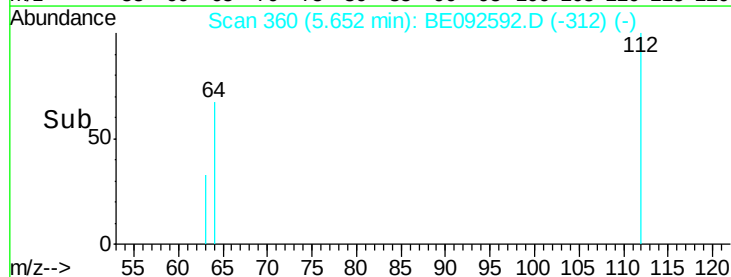


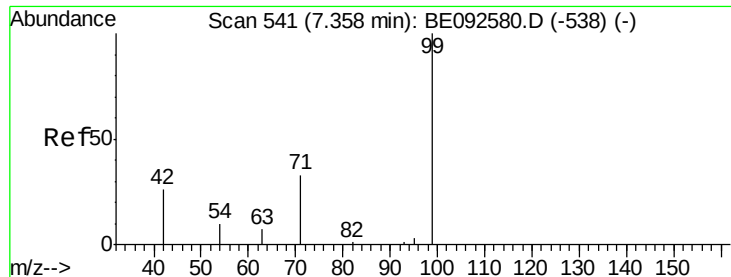
Abundance Ion 112.00 (111.70 to 112.70): BE092580.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE092580.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE092580.D (-356) (-)

Time-->





#5

Phenol-d6

Concen: 9.81 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.04 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

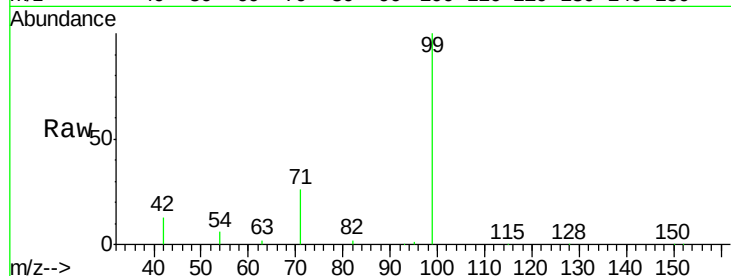
Tgt Ion: 99 Resp: 30337

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

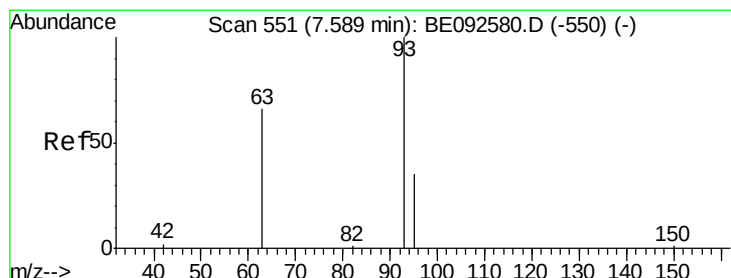
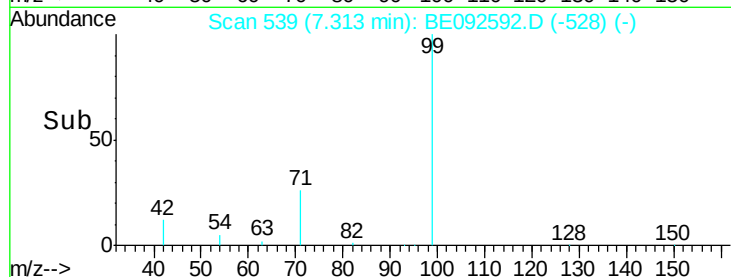
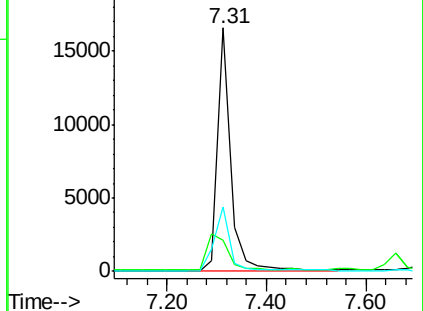
71 31.4 30.6 45.8



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: 3.82 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

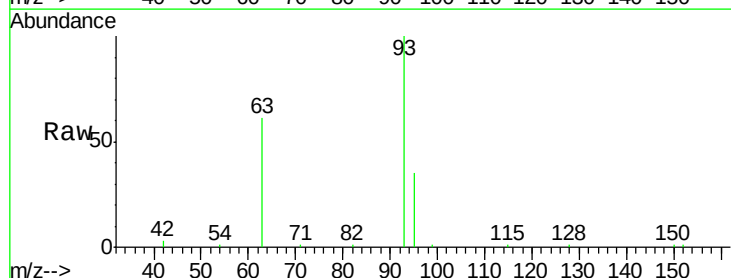
Tgt Ion: 93 Resp: 12692

Ion Ratio Lower Upper

93 100

63 78.4 71.6 107.4

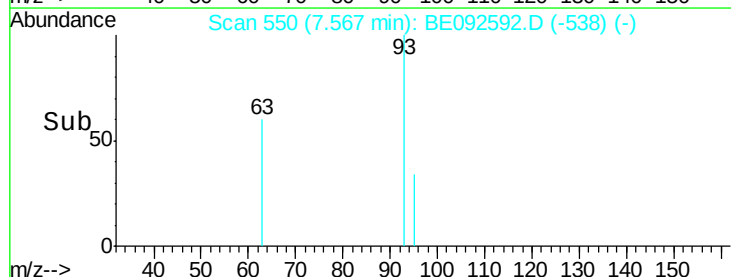
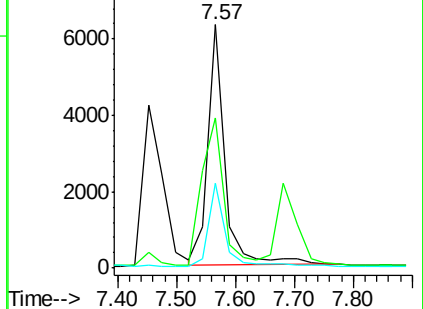
95 33.0 24.0 36.0

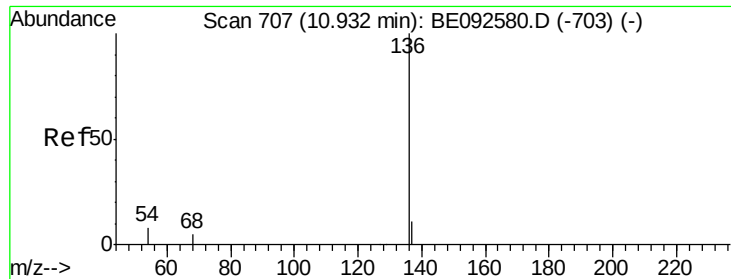


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

Tgt Ion:136 Resp: 47588

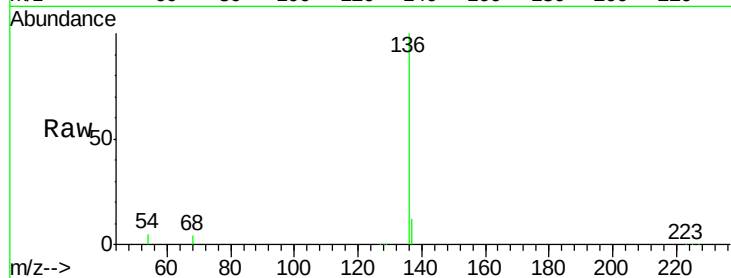
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 4.6 9.6 14.4#

68 3.6 6.7 10.1#

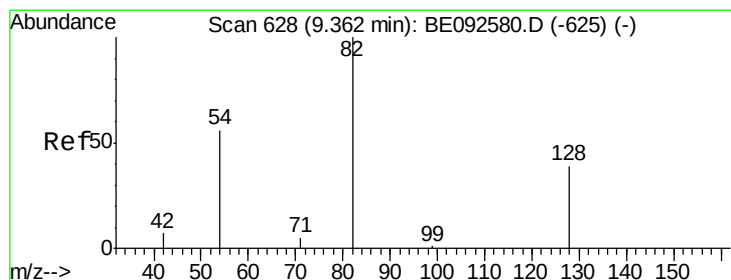
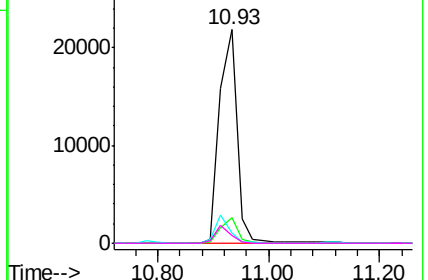
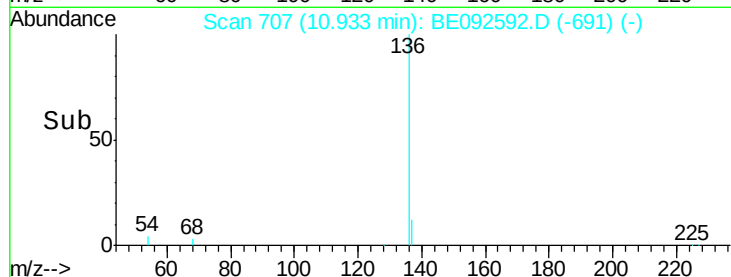


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.49 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.04 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

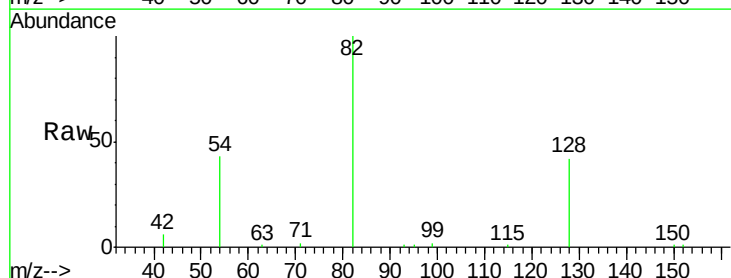
Tgt Ion: 82 Resp: 13831

Ion Ratio Lower Upper

82 100

128 41.6 39.0 58.4

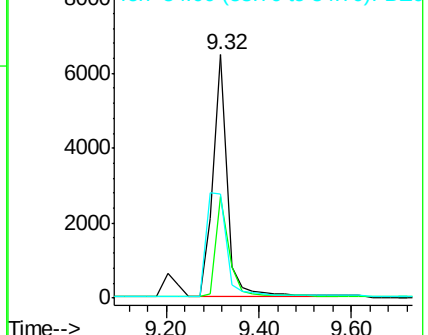
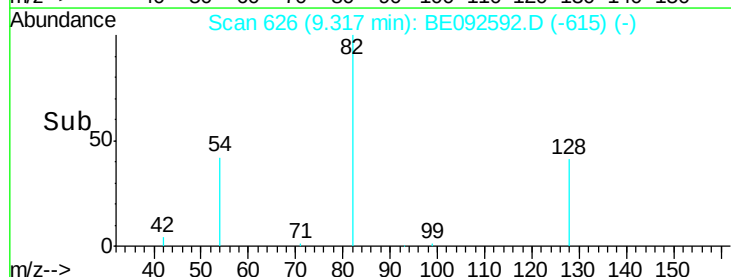
54 42.7 44.8 67.2#

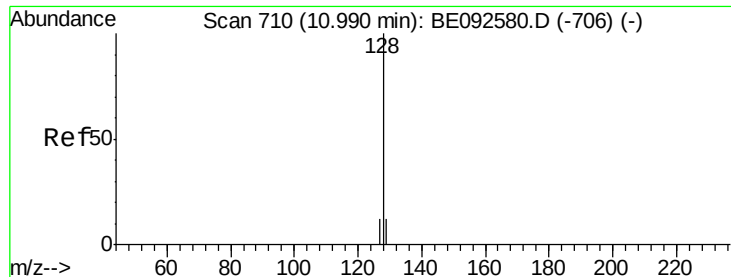


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.13 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

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ClientSampleId :

PB95153BSD

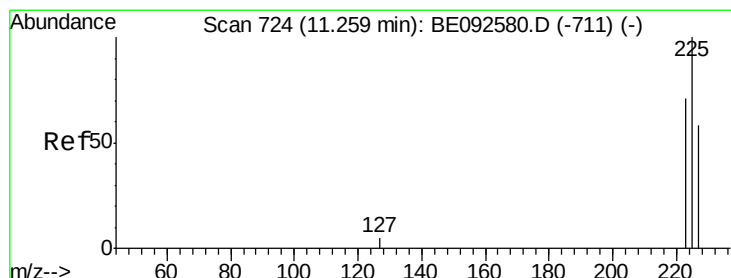
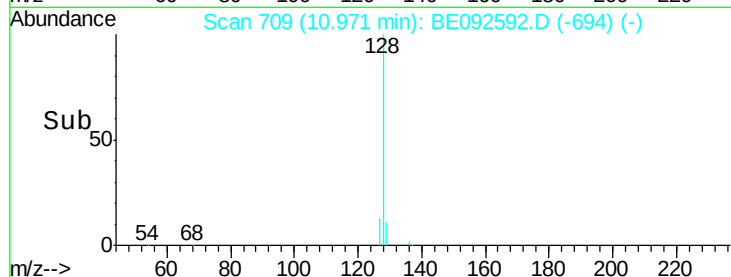
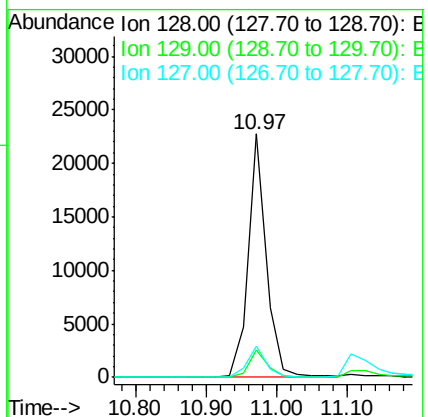
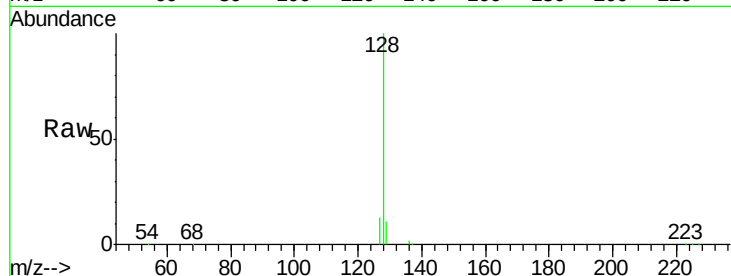
Tgt Ion:128 Resp: 40529

Ion Ratio Lower Upper

128 100

129 11.1 11.2 16.8#

127 12.9 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.10 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

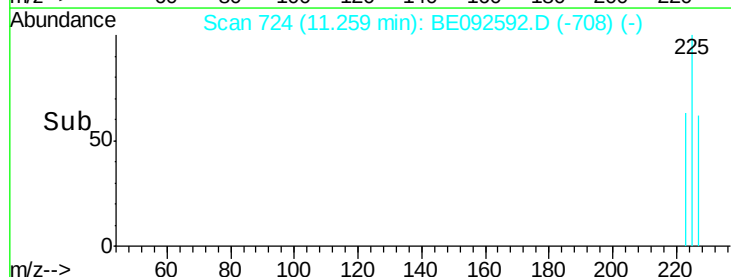
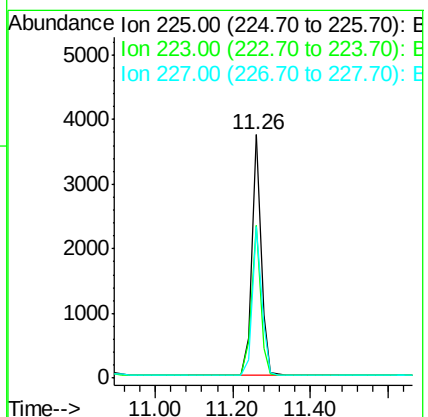
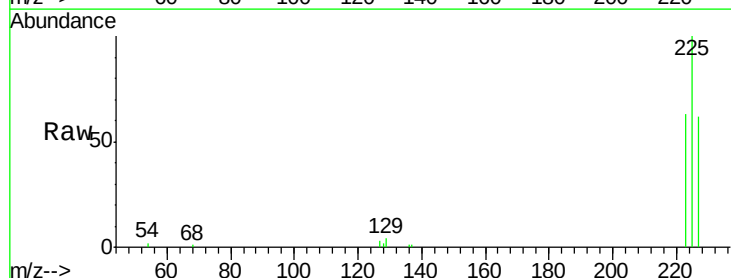
Tgt Ion:225 Resp: 6122

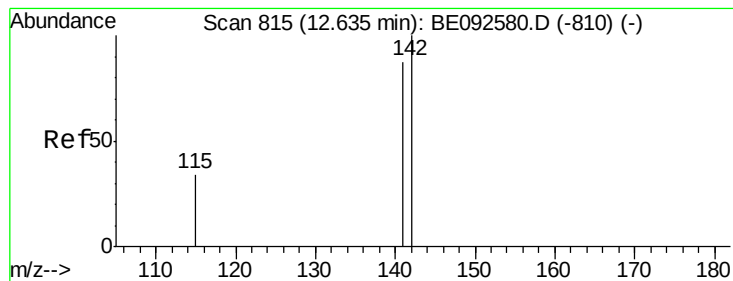
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 63.7 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.05 ng

RT: 12.82 min Scan# 831

Delta R.T. 0.18 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

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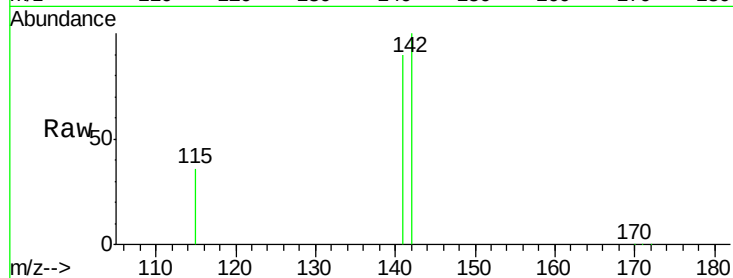
Tgt Ion:142 Resp: 25383

Ion Ratio Lower Upper

142 100

141 90.0 73.7 110.5

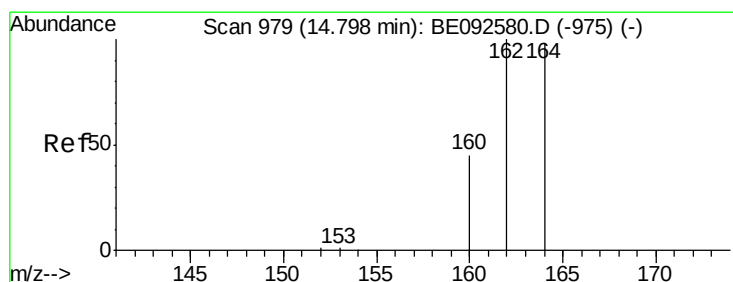
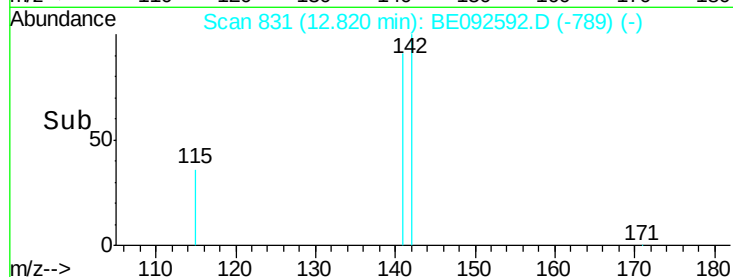
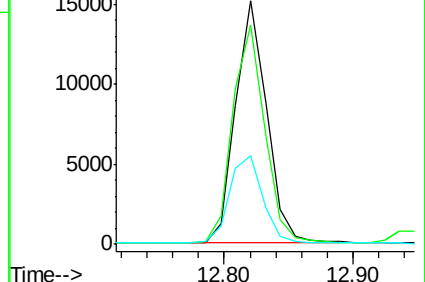
115 36.4 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

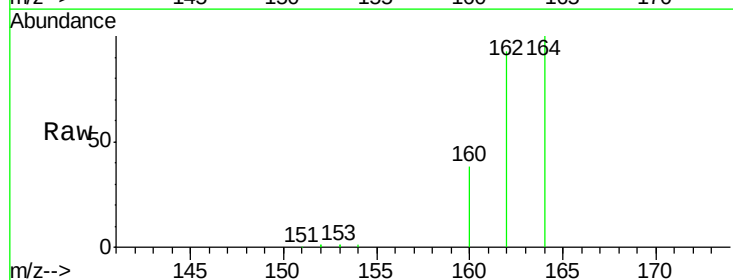
Tgt Ion:164 Resp: 28895

Ion Ratio Lower Upper

164 100

162 92.5 71.4 107.0

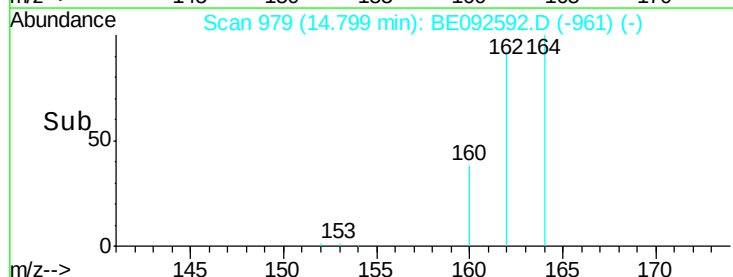
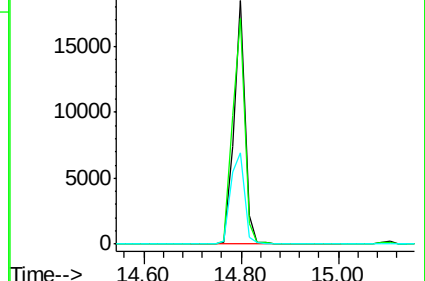
160 37.7 27.4 41.2

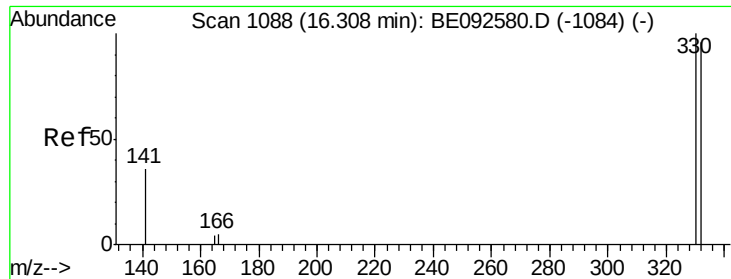


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

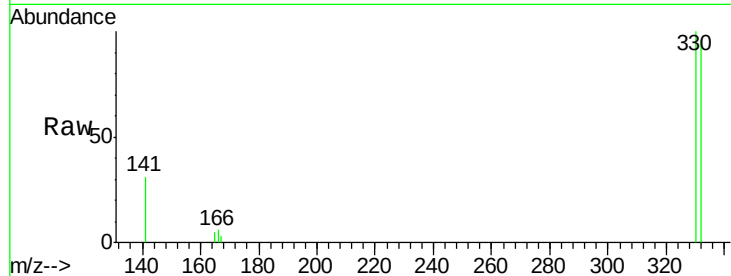




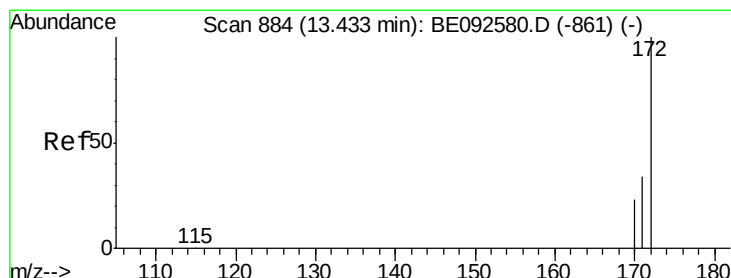
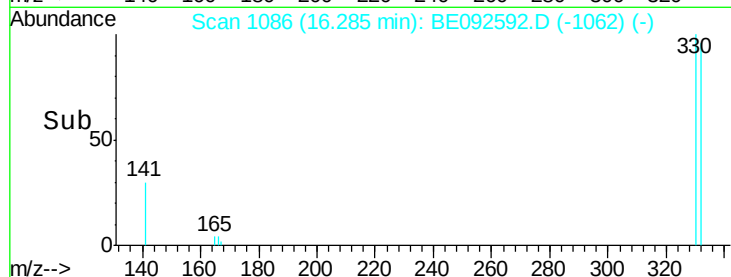
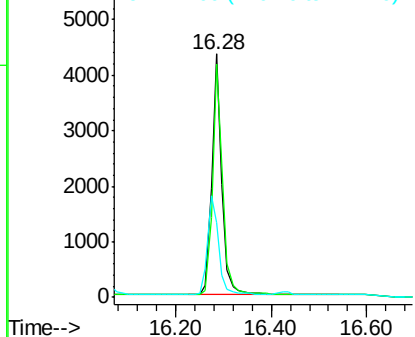
#13
 2,4,6-Tribromophenol
 Concen: 10.11 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BSD

Tgt Ion:330 Resp: 6553
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 44.0 31.0 46.6

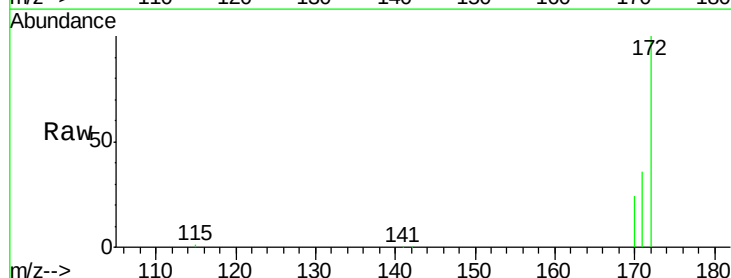


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

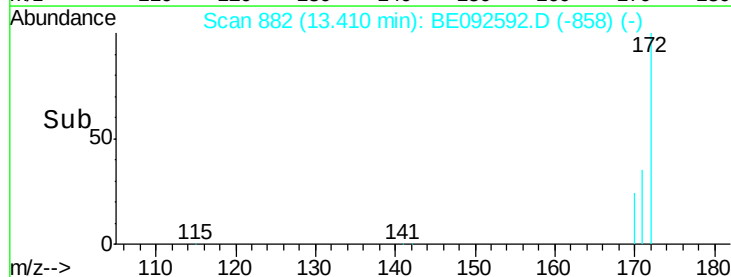
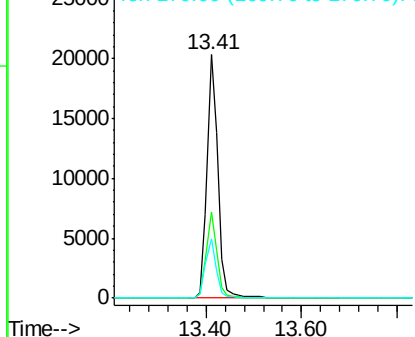


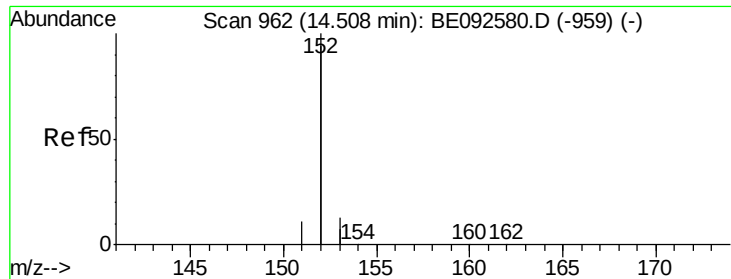
#14
 2-Fluorobiphenyl
 Concen: 4.55 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

Tgt Ion:172 Resp: 32079
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.1 45.1
 170 24.2 21.8 32.6



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





#15

Acenaphthylene

Concen: 4.32 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

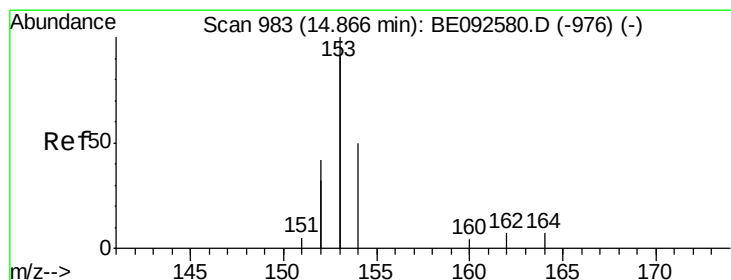
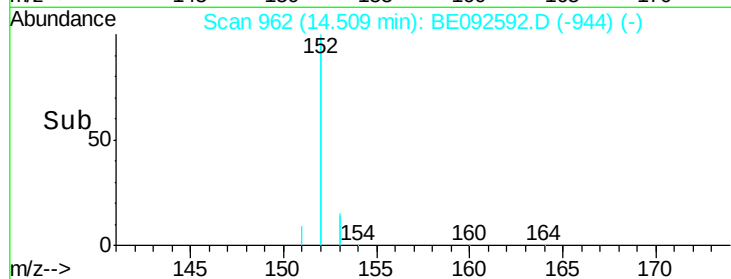
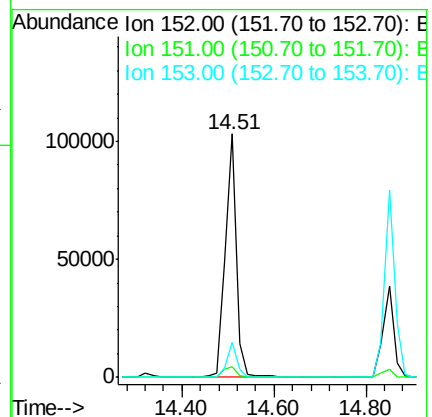
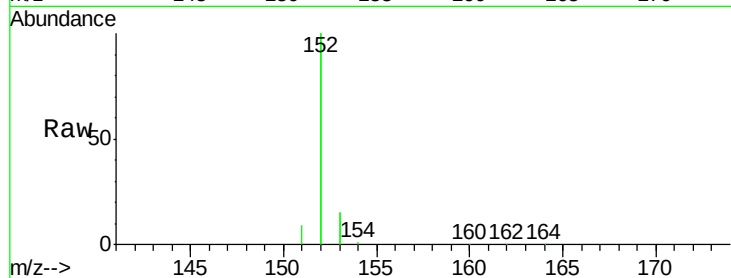
Tgt Ion:152 Resp: 173758

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 4.00 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

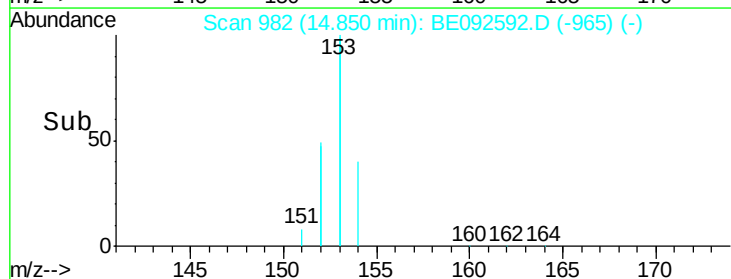
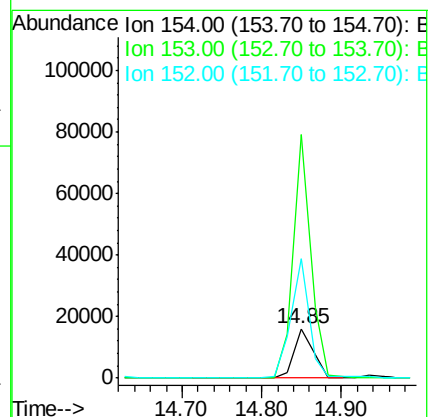
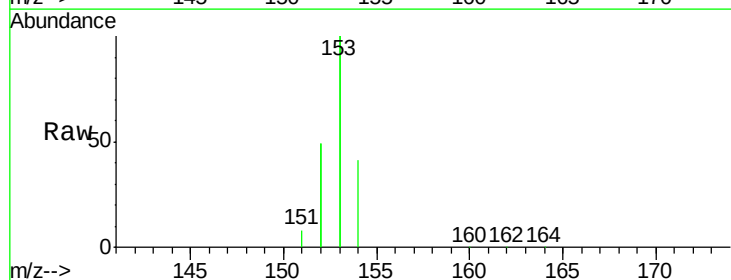
Tgt Ion:154 Resp: 26277

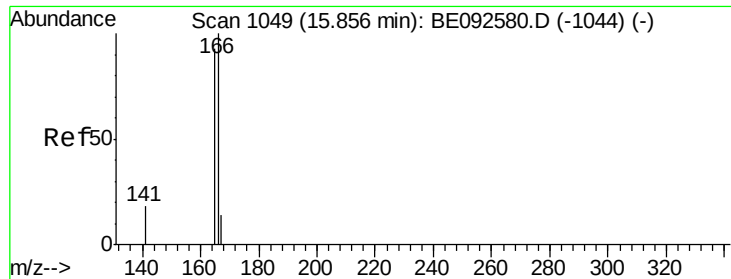
Ion Ratio Lower Upper

154 100

153 457.1 350.8 526.2

152 229.8 171.1 256.7

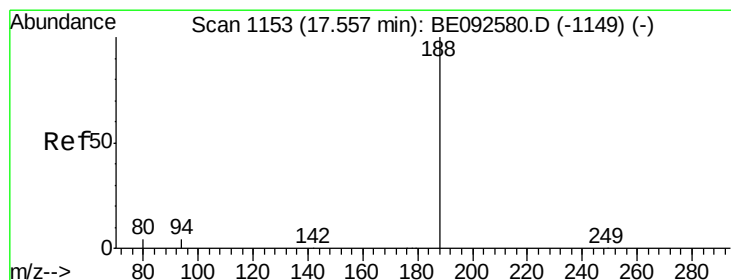
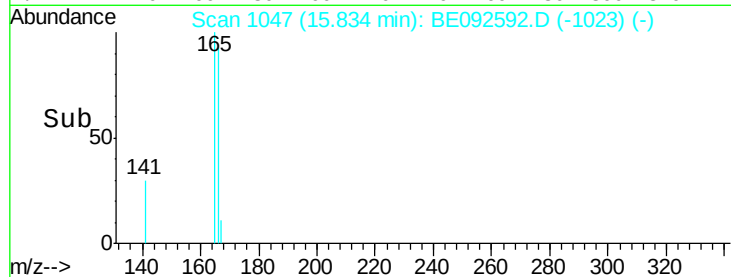
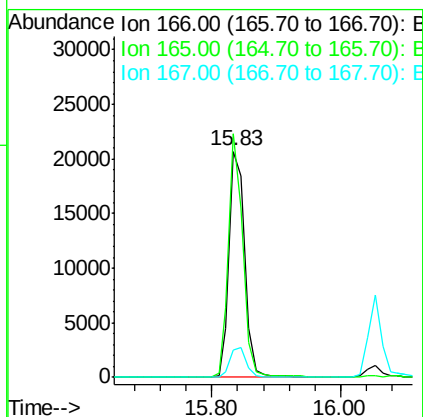
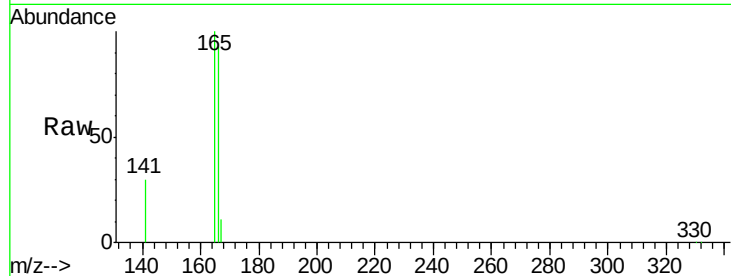




#17
Fluorene
 Concen: 4.21 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

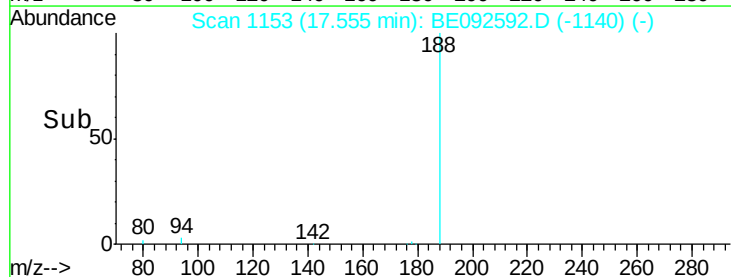
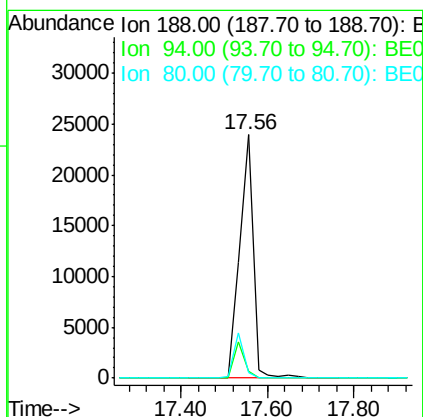
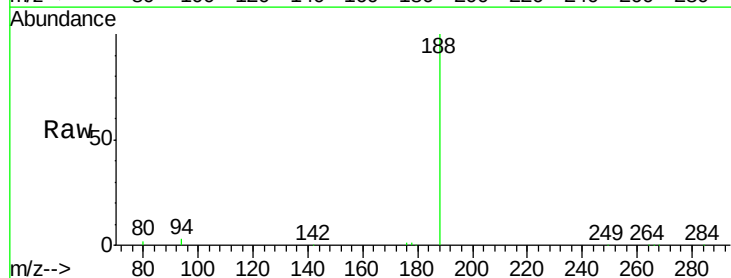
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BSD

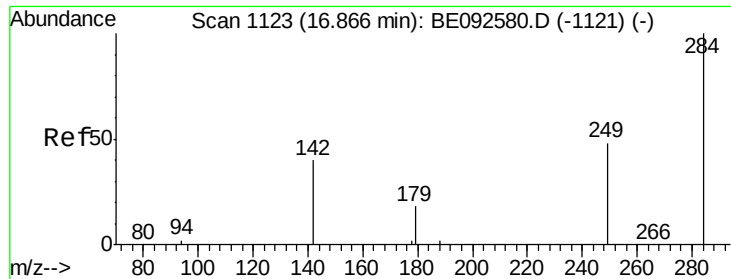
Tgt Ion:166 Resp: 34242
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

Tgt Ion:188 Resp: 50849
 Ion Ratio Lower Upper
 188 100
 94 2.9 3.2 4.8#
 80 2.3 2.6 3.8#





#19

Hexachlorobenzene

Concen: 5.12 ng

RT: 16.86 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

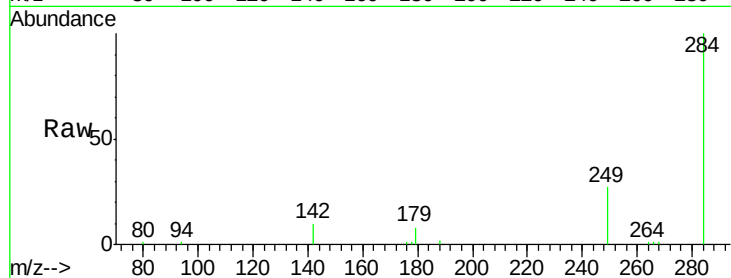
Tgt Ion:284 Resp: 10270

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

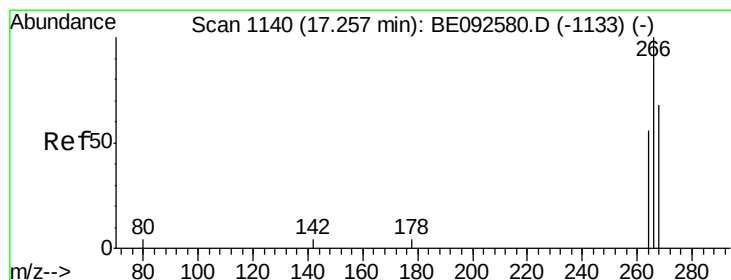
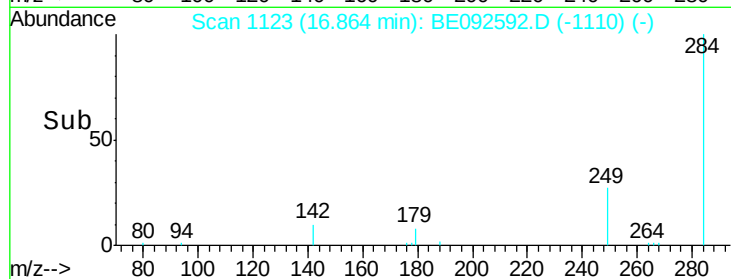
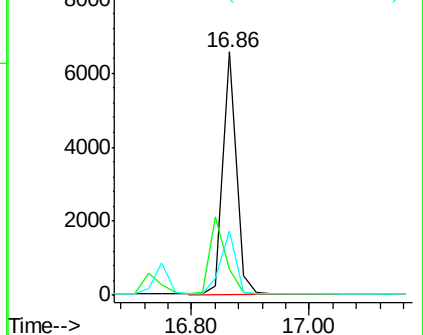
249 30.3 27.9 41.9



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: 7.28 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

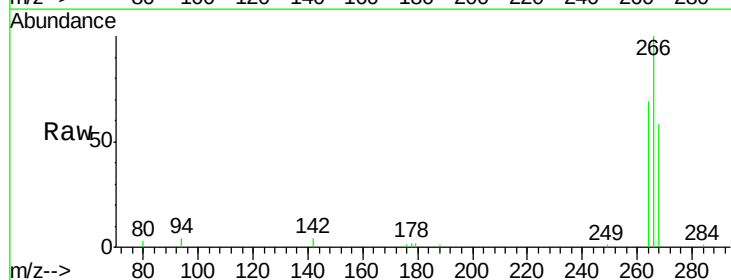
Tgt Ion:266 Resp: 6806

Ion Ratio Lower Upper

266 100

268 57.7 62.5 93.7#

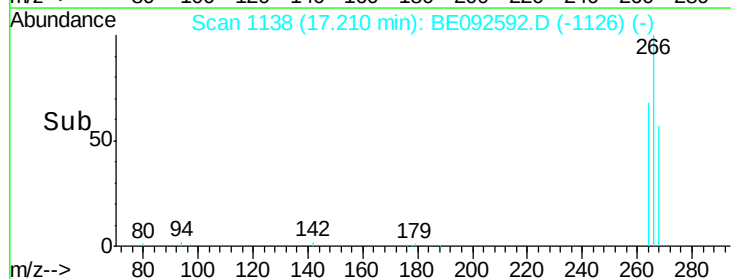
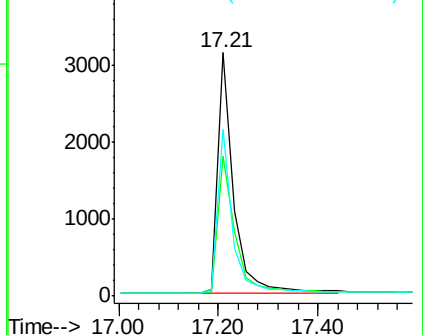
264 68.5 57.2 85.8

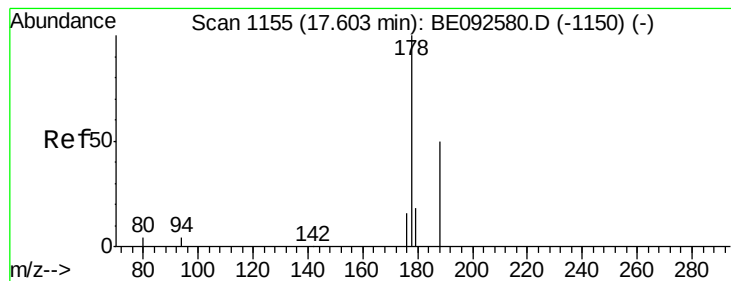


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 4.95 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

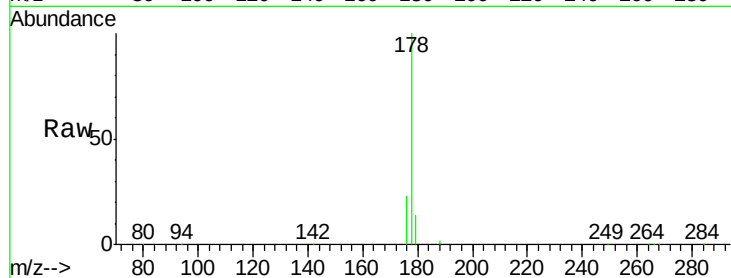
Tgt Ion:178 Resp: 56305

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

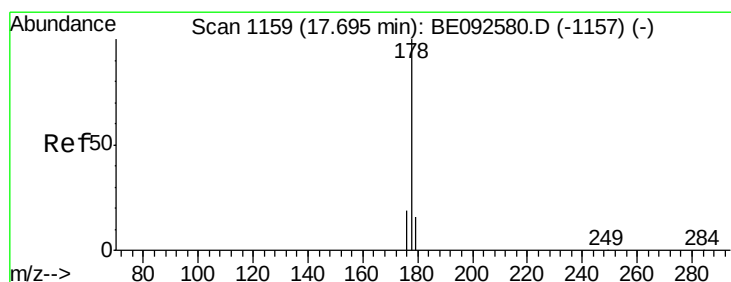
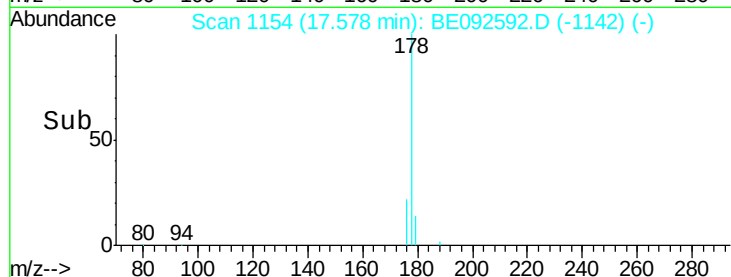
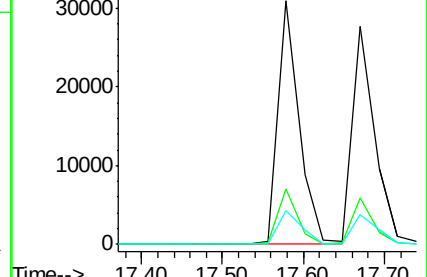
179 15.1 16.0 24.0#



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: 5.03 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

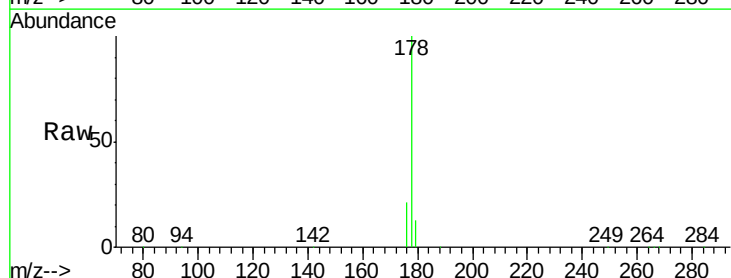
Tgt Ion:178 Resp: 53884

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

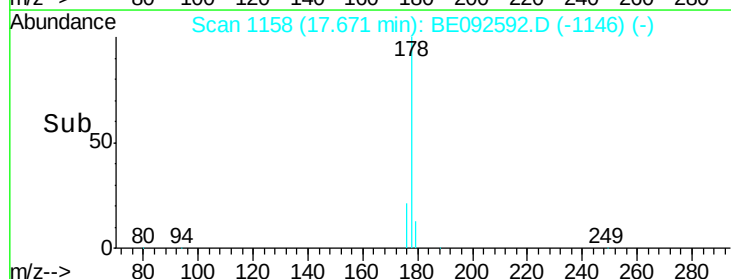
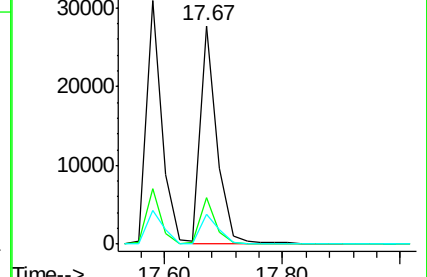
179 14.8 12.2 18.2

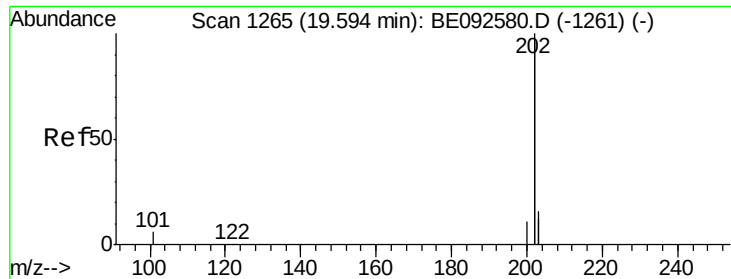


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.29 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

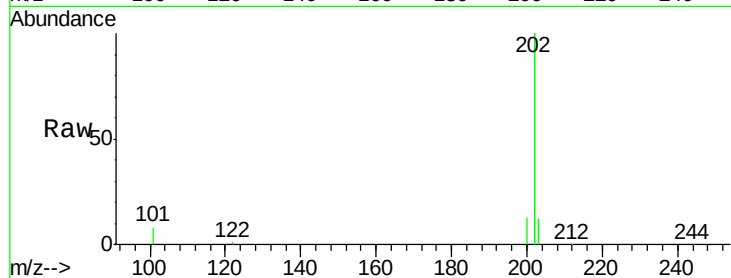
Tgt Ion:202 Resp: 227875

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

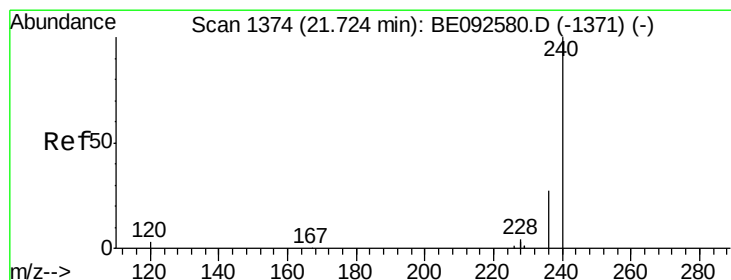
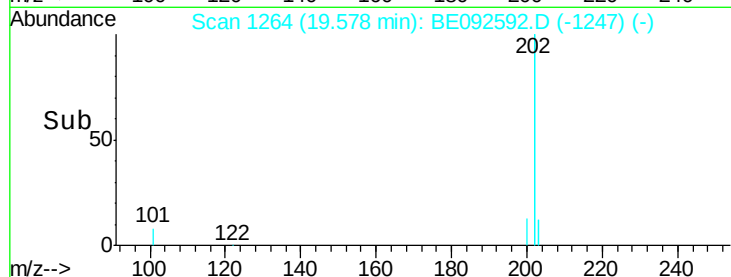
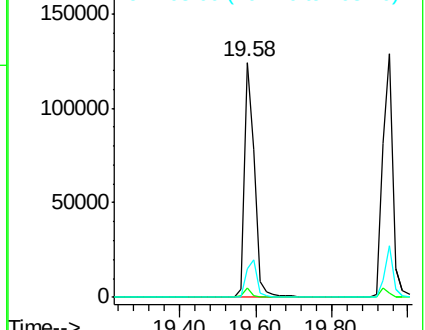
203 17.4 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

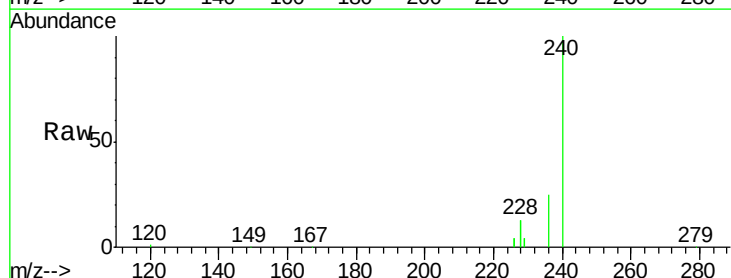
Tgt Ion:240 Resp: 65229

Ion Ratio Lower Upper

240 100

120 1.3 2.6 4.0#

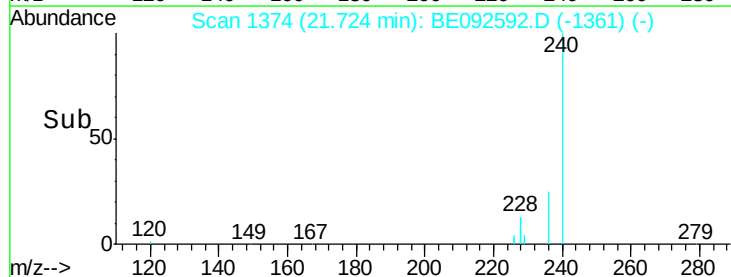
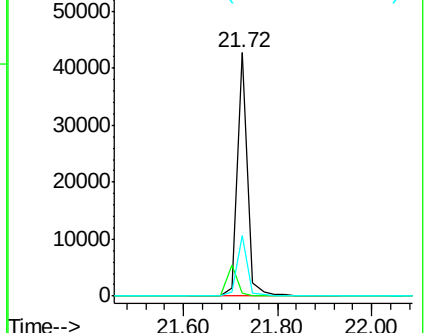
236 24.9 24.6 37.0

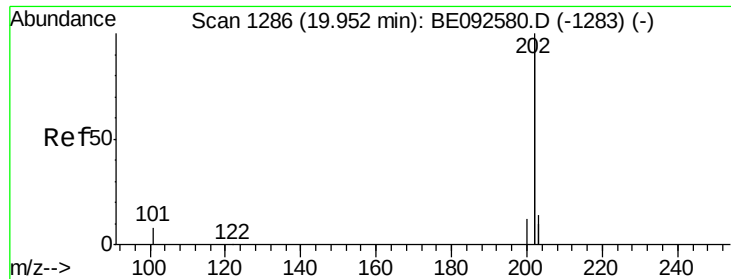


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

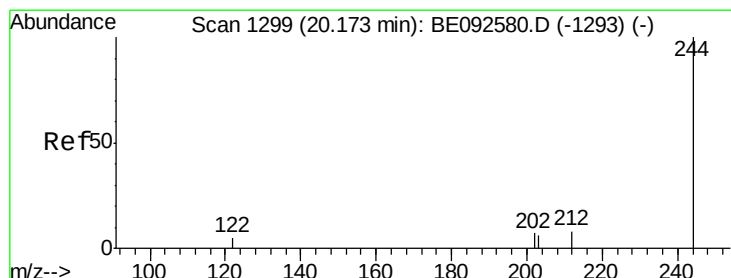
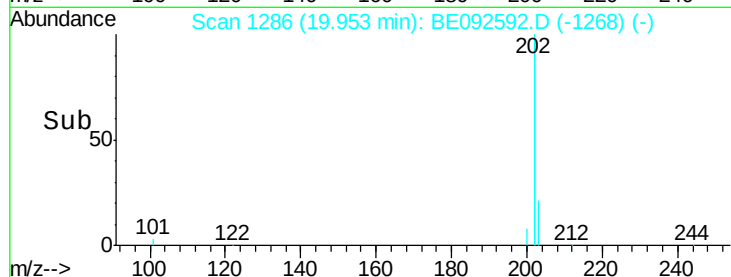
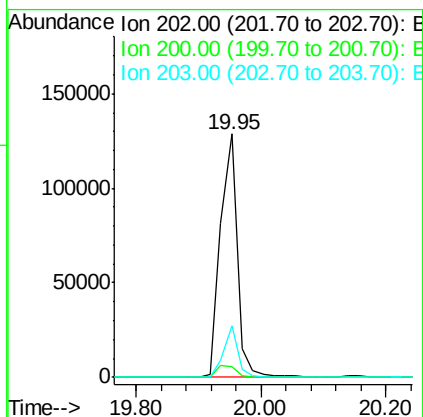
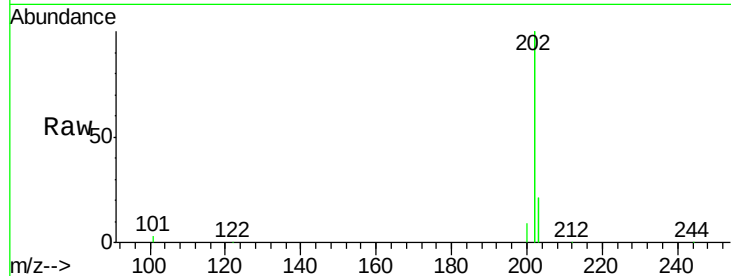




#25
 Pyrene
 Concen: 4.60 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

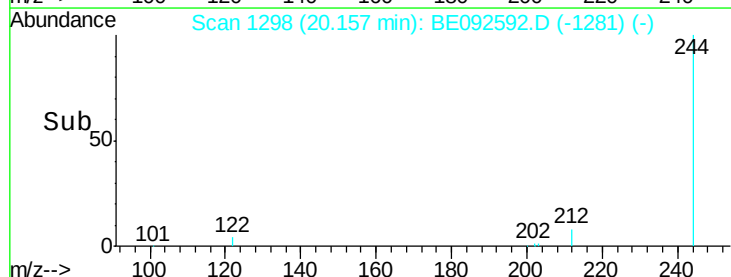
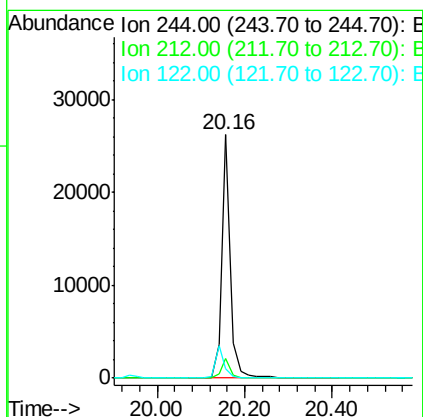
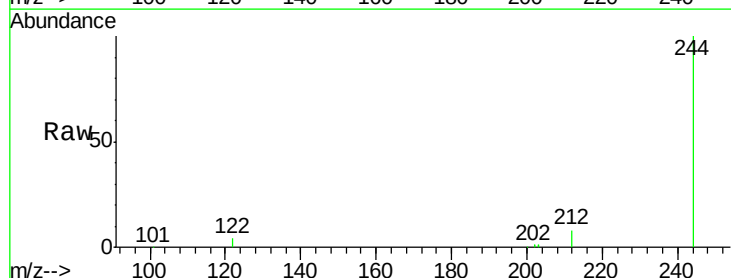
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BSD

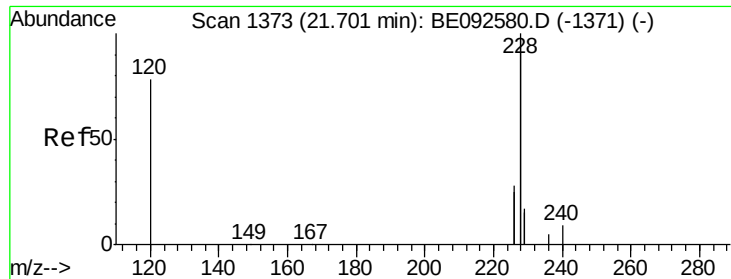
Tgt Ion: 202 Resp: 238682
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 18.0 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.82 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

Tgt Ion: 244 Resp: 35936
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 3.7 3.6 5.4

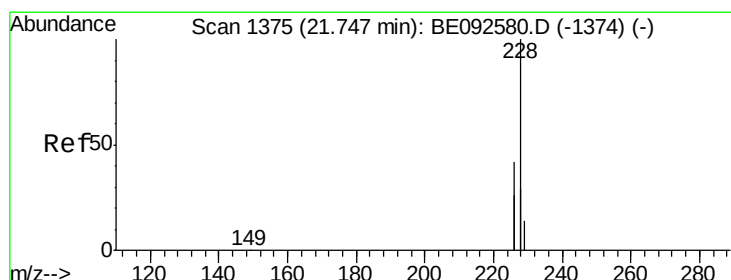
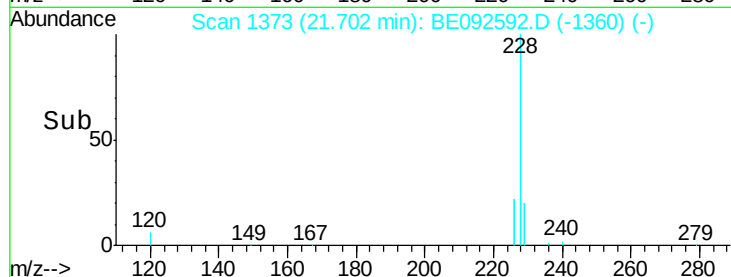
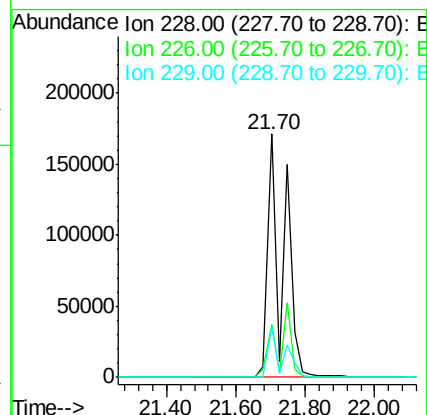
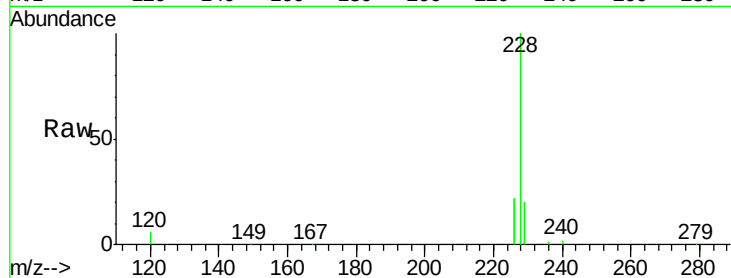




#27
Benzo(a)anthracene
Concen: 8.31 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

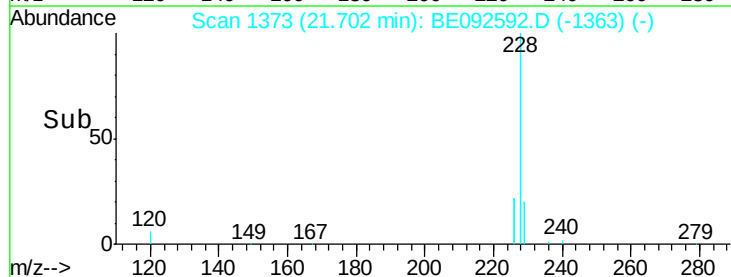
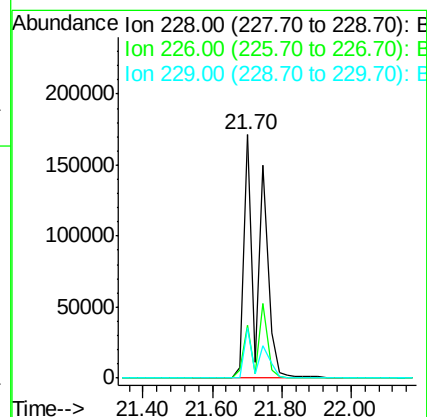
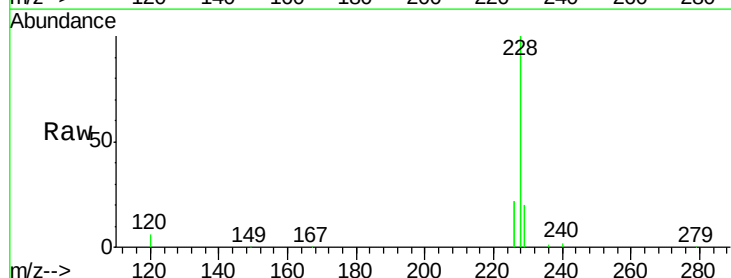
Instrument :
BNA_E
ClientSampleId :
PB95153BSD

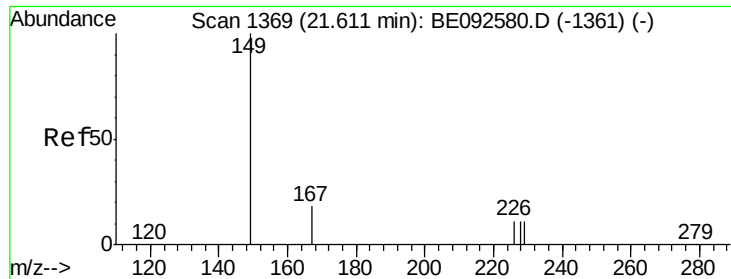
Tgt Ion:228 Resp: 517820
Ion Ratio Lower Upper
228 100
226 21.7 23.6 35.4#
229 20.5 13.3 19.9#



#28
Chrysene
Concen: 9.37 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

Tgt Ion:228 Resp: 519604
Ion Ratio Lower Upper
228 100
226 21.7 36.3 54.5#
229 20.5 10.6 16.0#

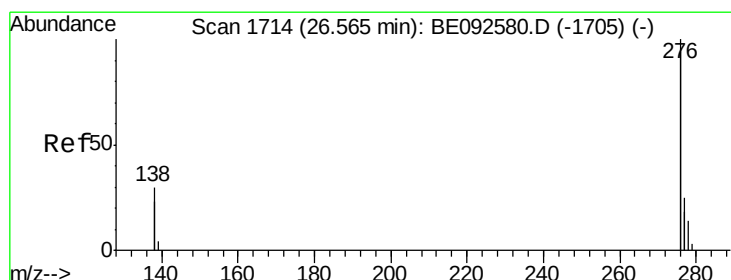
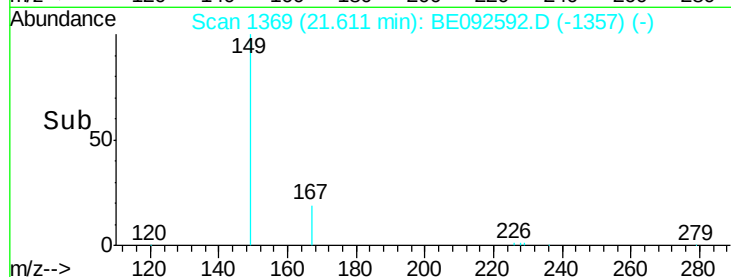
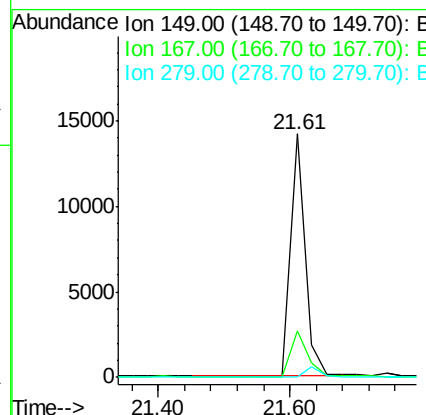
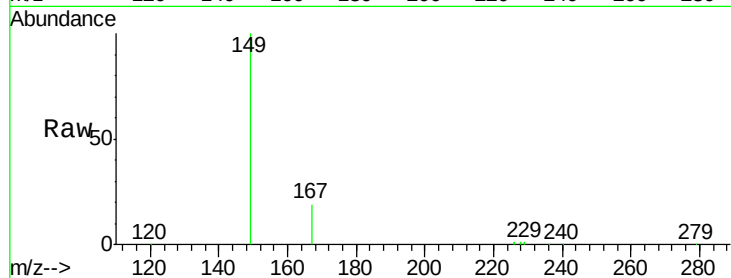




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 5.20 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

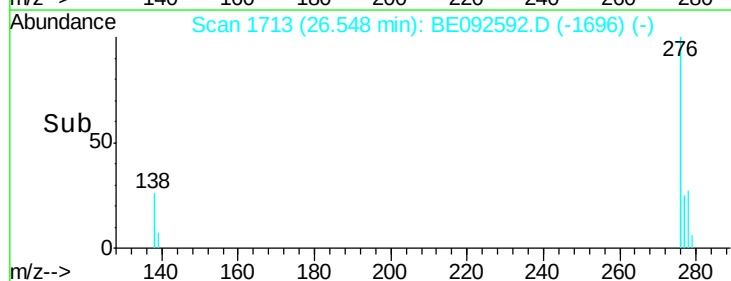
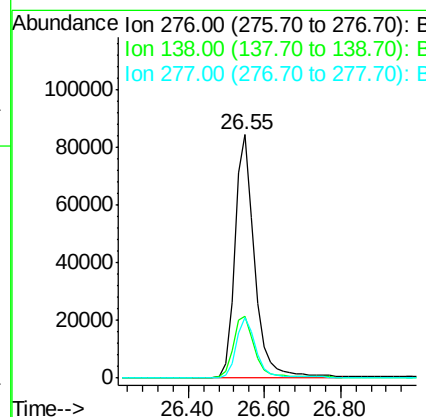
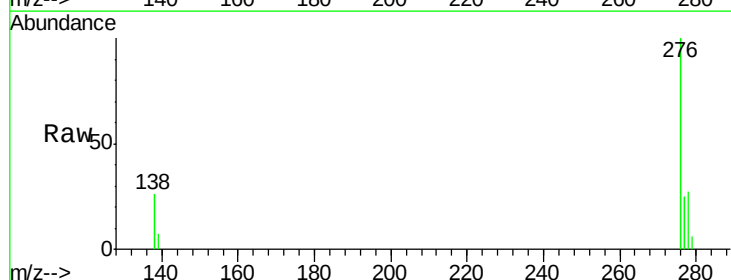
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BSD

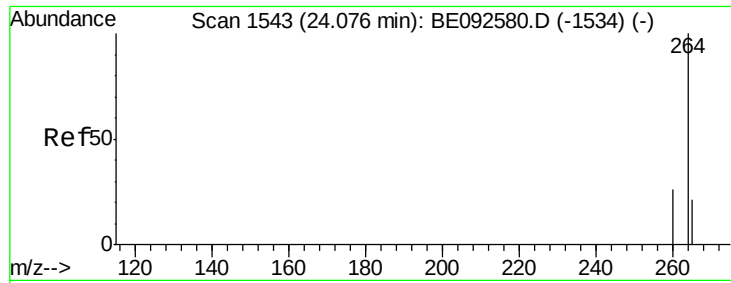
Tgt Ion:149 Resp: 22021
 Ion Ratio Lower Upper
 149 100
 167 22.0 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 5.01 ng
 RT: 26.55 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BE092592.D
 Acq: 9 Dec 2016 14:09

Tgt Ion:276 Resp: 303502
 Ion Ratio Lower Upper
 276 100
 138 27.6 20.3 30.5
 277 24.9 19.7 29.5

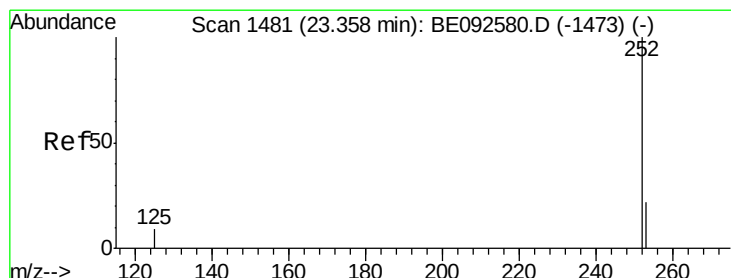
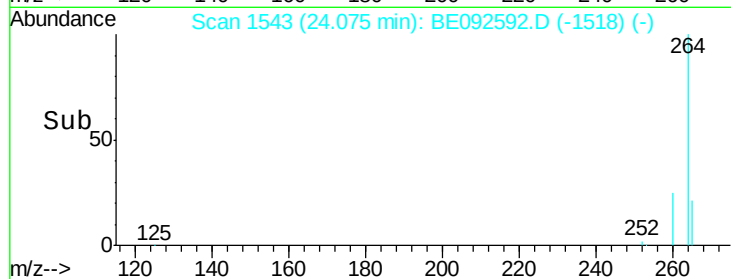
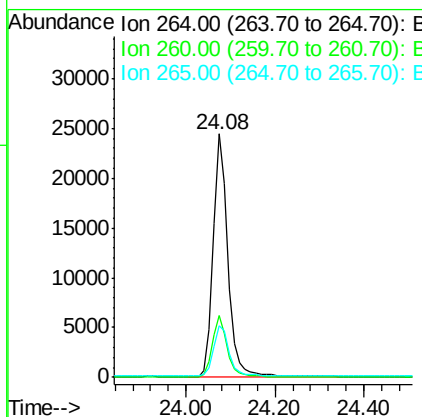
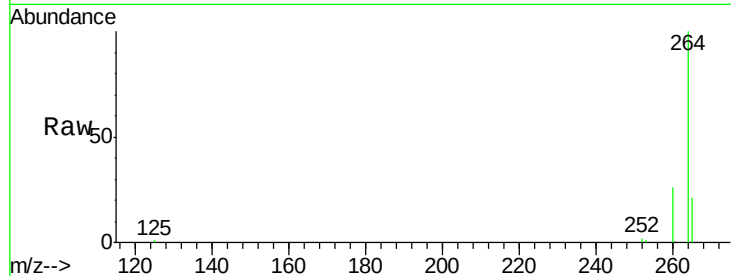




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

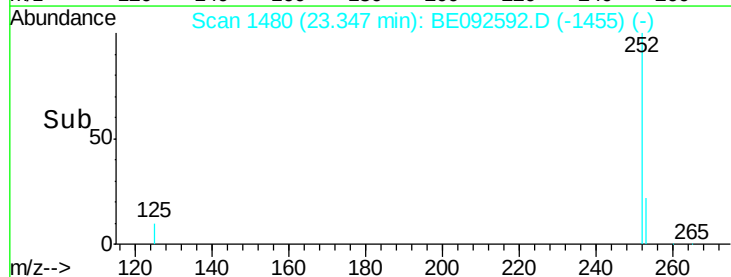
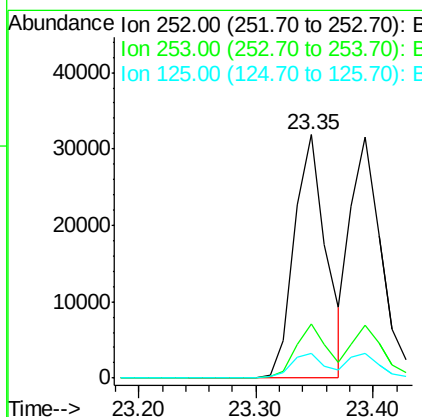
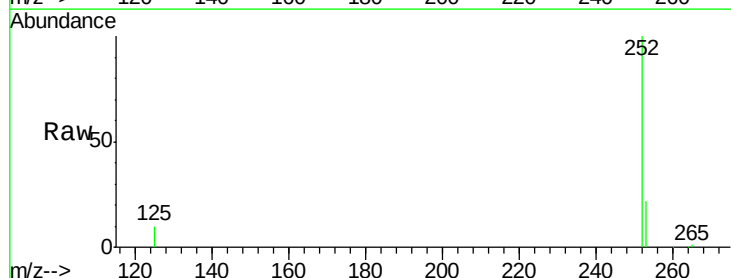
Instrument :
BNA_E
ClientSampleId :
PB95153BSD

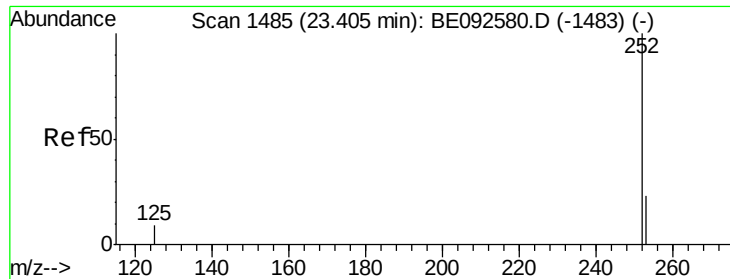
Tgt Ion: 264 Resp: 56771
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.3 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.35 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

Tgt Ion: 252 Resp: 59989
Ion Ratio Lower Upper
252 100
253 22.4 18.7 28.1
125 10.2 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.14 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

Instrument :

BNA_E

ClientSampleId :

PB95153BSD

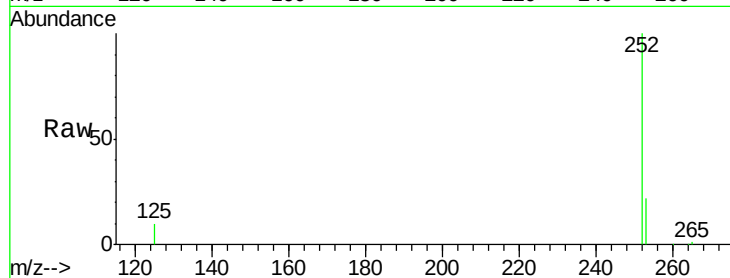
Tgt Ion:252 Resp: 59664

Ion Ratio Lower Upper

252 100

253 22.1 20.3 30.5

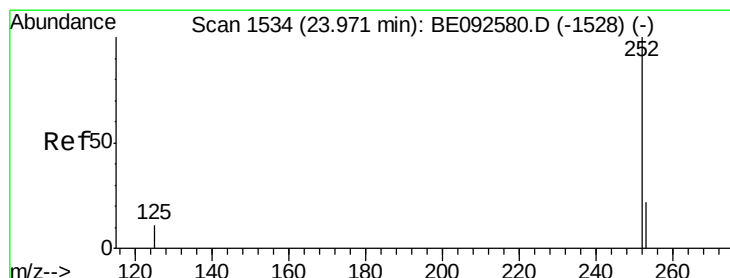
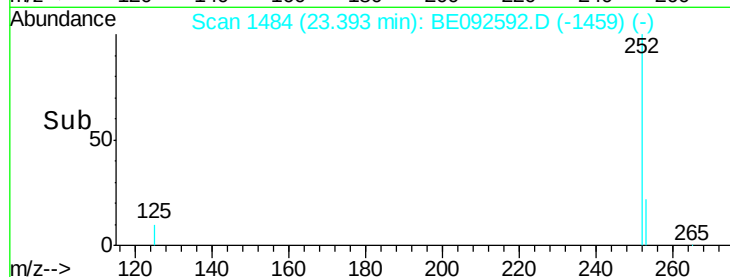
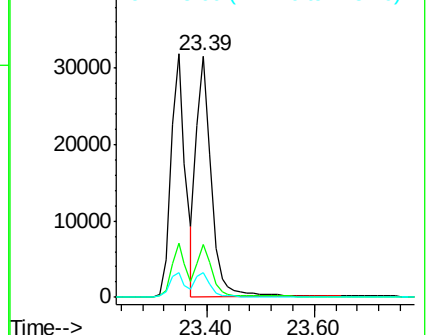
125 10.2 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 4.63 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BE092592.D

Acq: 9 Dec 2016 14:09

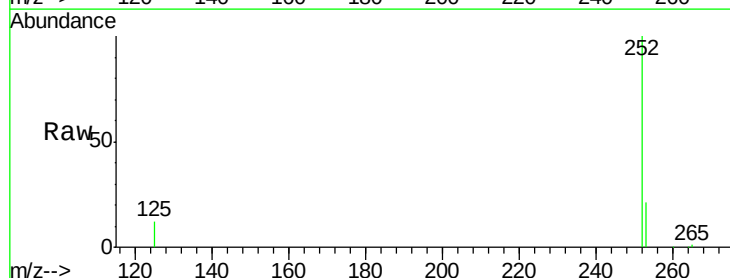
Tgt Ion:252 Resp: 59005

Ion Ratio Lower Upper

252 100

253 21.1 19.0 28.6

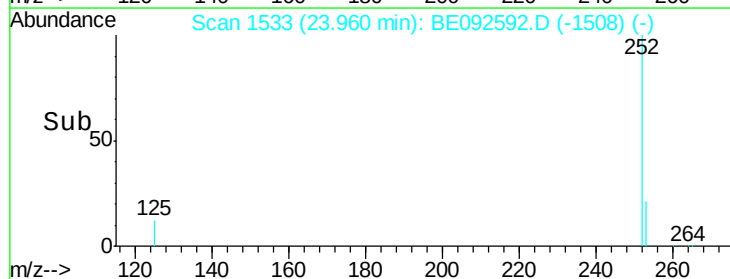
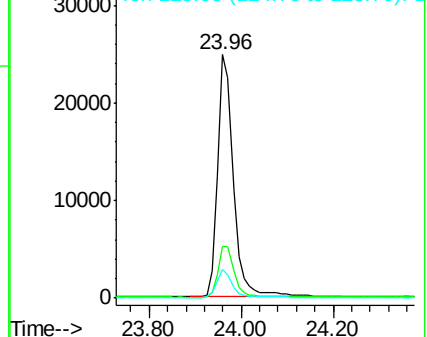
125 11.9 11.8 17.8

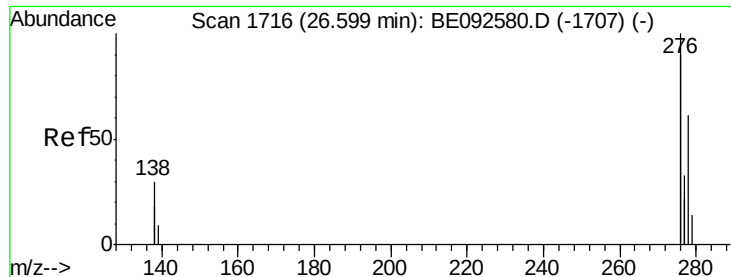


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



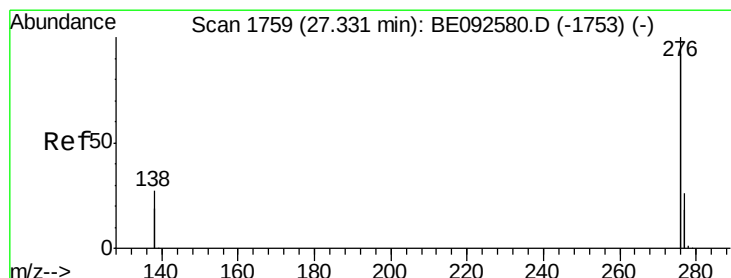
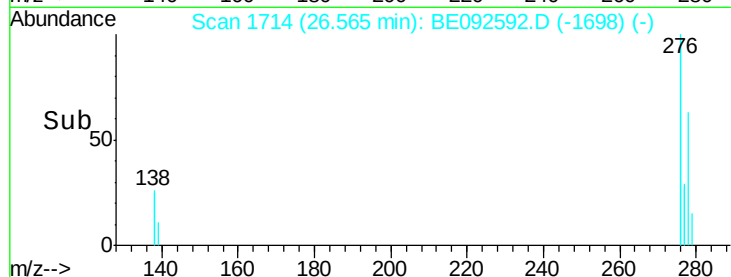
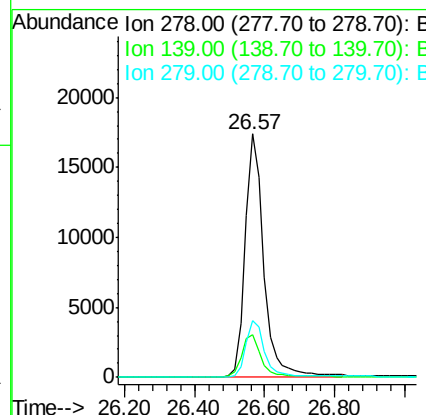
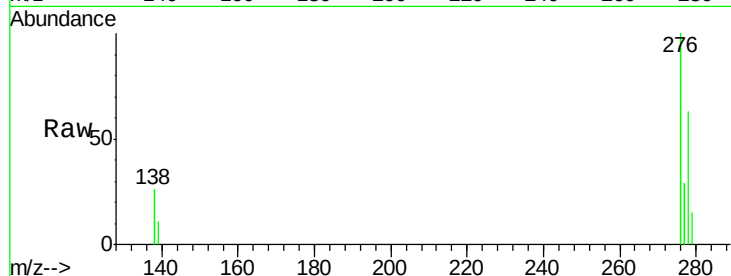


#35
Dibenzo(a,h)anthracene
Concen: 5.06 ng
RT: 26.57 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

Instrument :
BNA_E
ClientSampleId :
PB95153BSD

Tgt Ion: 278 Resp: 63762

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	23.5	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 4.94 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092592.D
Acq: 9 Dec 2016 14:09

Tgt Ion: 276 Resp: 263600

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	22.3	19.8	29.6

