

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
 Data File : BE092415.D
 Acq On : 23 Sep 2016 14:54
 Operator : UM/SJ
 Sample : PB93552BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93552BS

Quant Time: Sep 23 19:27:06 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8870	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	38033	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	24677	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	43990	5.00	ng	0.02
24) Chrysene-d12	21.75	240	67576	5.00	ng	0.00
31) Perylene-d12	24.12	264	62036	5.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.67	112	15749	7.53	ng	-0.02
5) Phenol-d6	7.34	99	21016	7.05	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9784	3.62	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	5537	6.36	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	23590	4.04	ng	-0.01
26) Terphenyl-d14	20.17	244	28688	3.42	ng	0.00

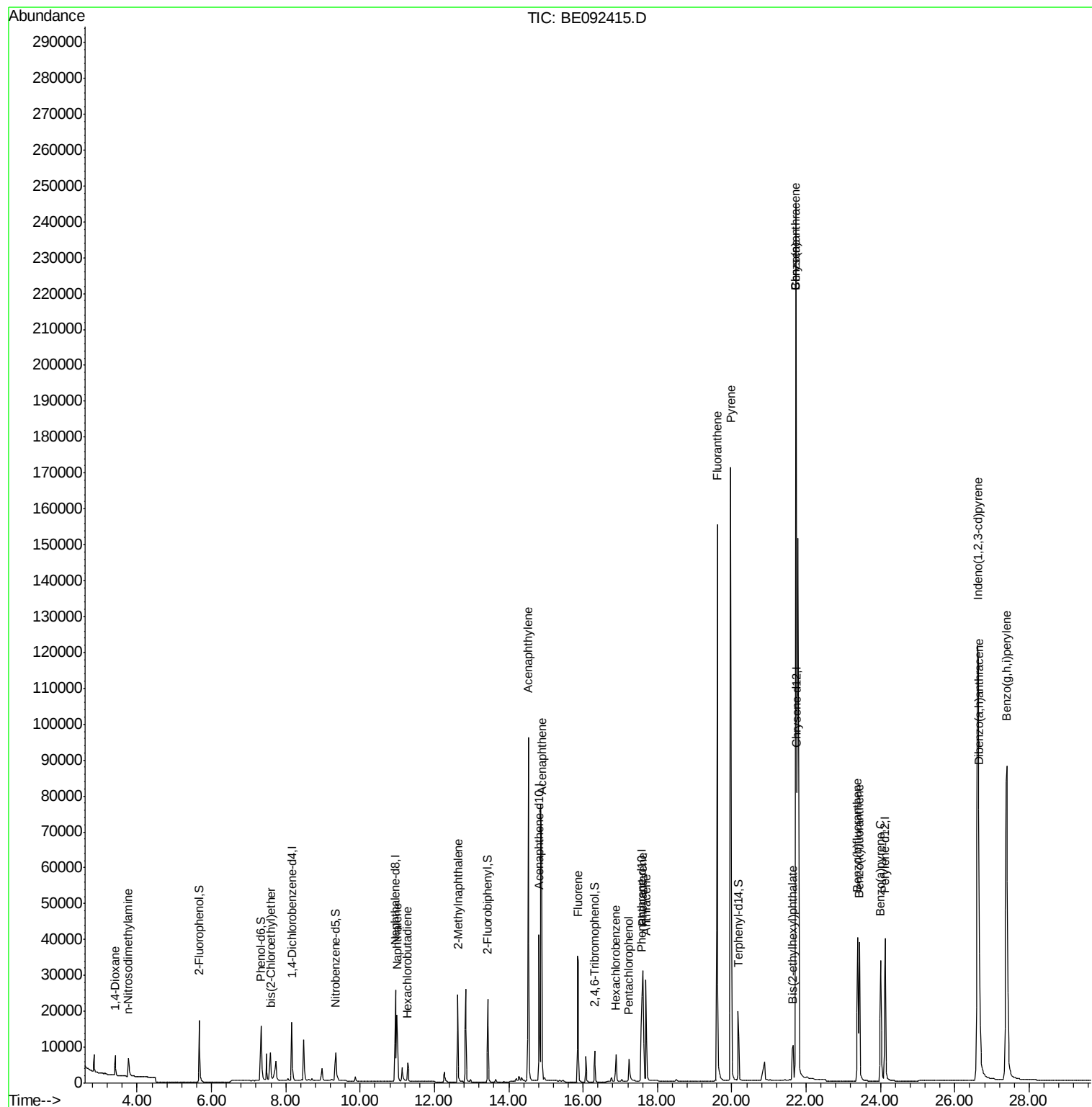
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	3274	3.42	ng	# 82
3) n-Nitrosodimethylamine	3.76	42	4930	3.56	ng	# 98
6) bis(2-Chloroethyl)ether	7.59	93	8128	3.49	ng	95
9) Naphthalene	10.99	128	29399	3.57	ng	# 95
10) Hexachlorobutadiene	11.28	225	4494	3.47	ng	99
11) 2-Methylnaphthalene	12.62	142	19771	3.63	ng	94
15) Acenaphthylene	14.53	152	130356	3.65	ng	100
16) Acenaphthene	14.88	154	19857	3.55	ng	94
17) Fluorene	15.87	166	25844	3.64	ng	100
19) Hexachlorobenzene	16.89	284	7830	4.16	ng	# 64
20) Pentachlorophenol	17.23	266	5807	8.42	ng	# 86
21) Phenanthrene	17.60	178	42113	4.17	ng	# 94
22) Anthracene	17.70	178	42038	4.32	ng	99
23) Fluoranthene	19.61	202	191123	3.98	ng	100
25) Pyrene	19.97	202	204894	3.50	ng	100
27) Benzo(a)anthracene	21.72	228	464093	7.05	ng	96
28) Chrysene	21.72	228	466933	7.74	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.63	149	18529	3.27	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.62	276	264944	4.14	ng	98
32) Benzo(b)fluoranthene	23.38	252	57801	3.85	ng	95
33) Benzo(k)fluoranthene	23.43	252	61919	3.94	ng	93
34) Benzo(a)pyrene	24.01	252	58293	3.96	ng	94
35) Dibenzo(a,h)anthracene	26.65	278	55814	4.13	ng	95
36) Benzo(g,h,i)perylene	27.40	276	232233	4.01	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: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

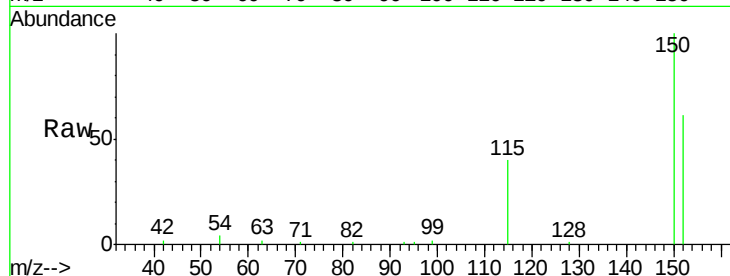
Tgt Ion:152 Resp: 8870

Ion Ratio Lower Upper

152 100

150 162.7 106.0 159.0#

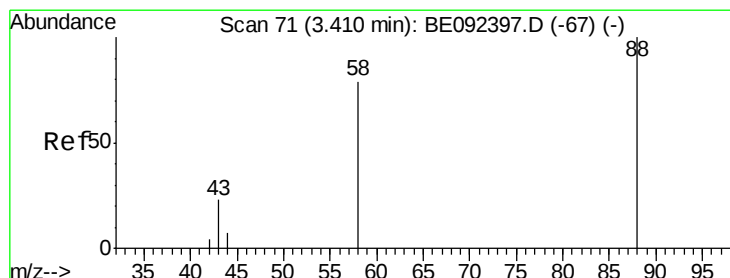
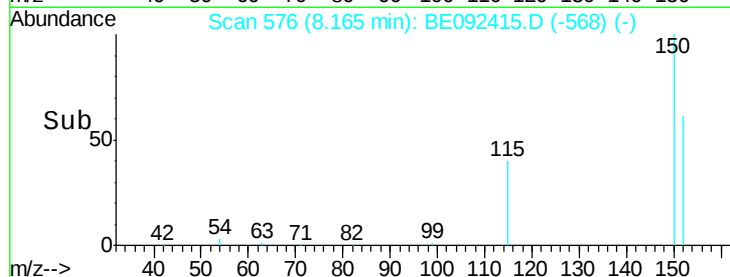
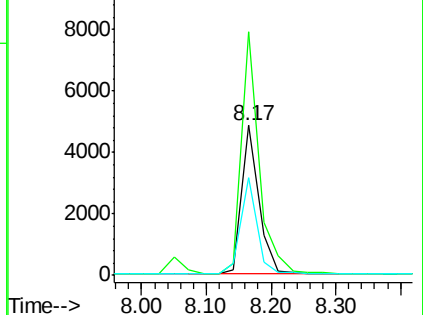
115 65.2 31.2 46.8#



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: 3.42 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

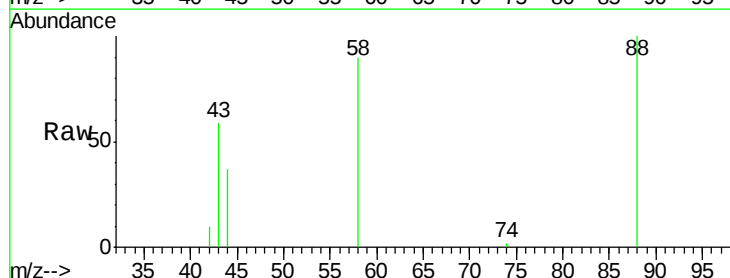
Tgt Ion: 88 Resp: 3274

Ion Ratio Lower Upper

88 100

58 91.5 63.6 95.4

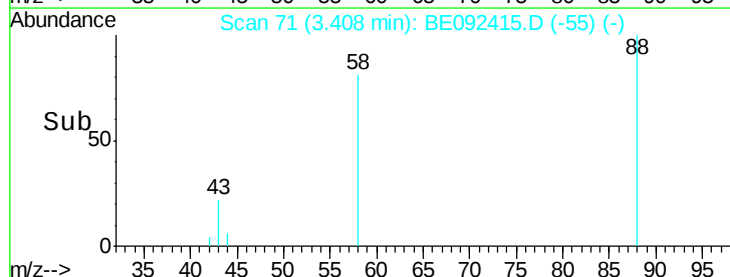
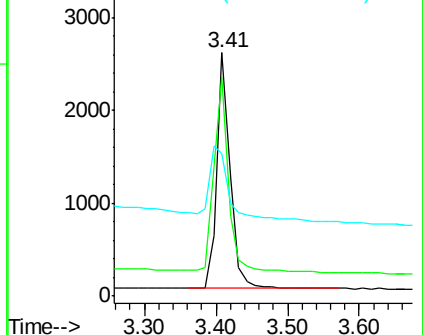
43 51.0 28.0 42.0#

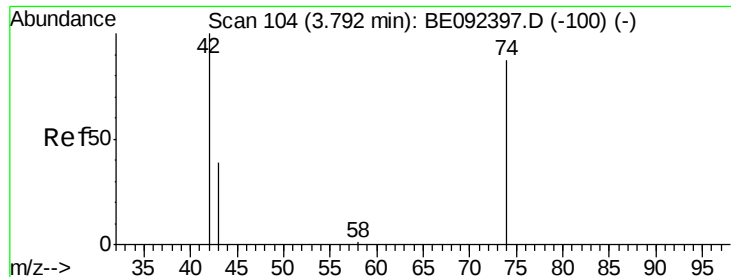


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.56 ng

RT: 3.76 min Scan# 101

Delta R.T. -0.05 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

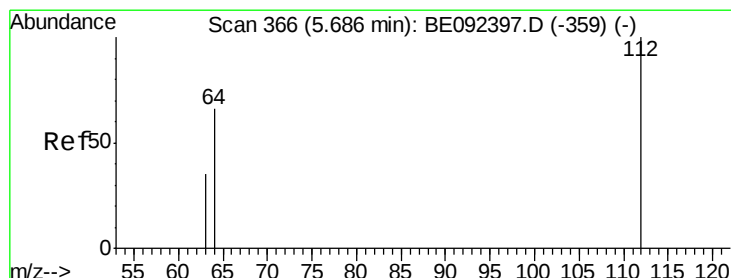
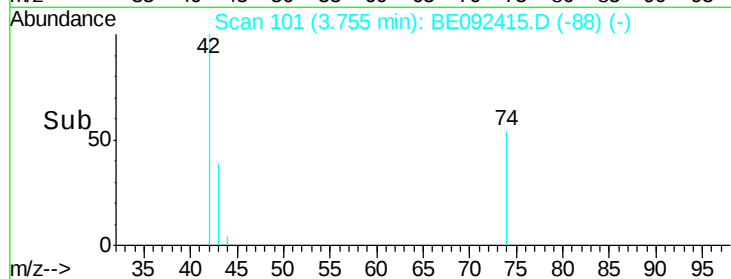
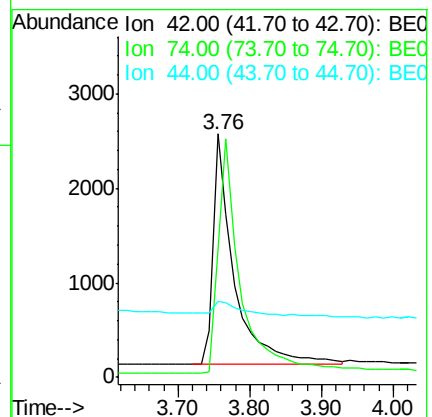
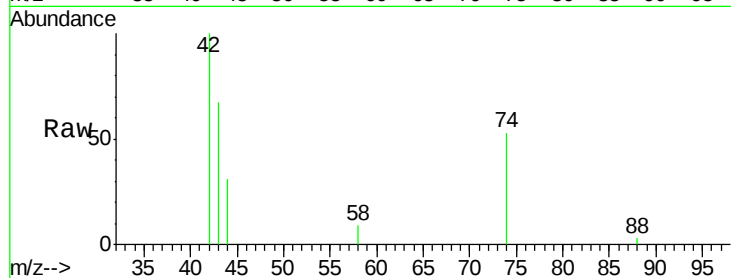
Tgt Ion: 42 Resp: 4930

Ion Ratio Lower Upper

42 100

74 109.2 86.0 129.0

44 7.7 5.1 7.7#



#4

2-Fluorophenol

Concen: 7.53 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

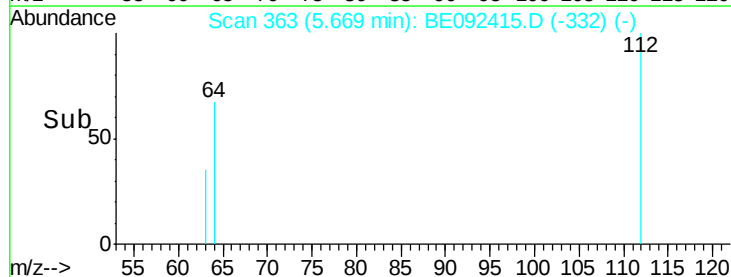
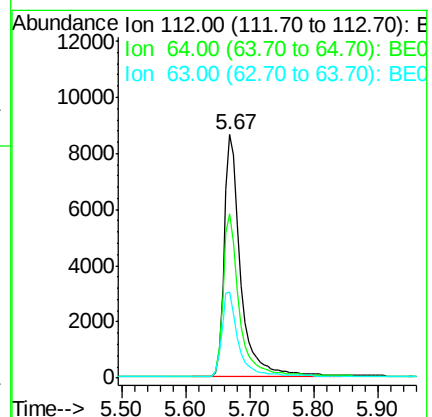
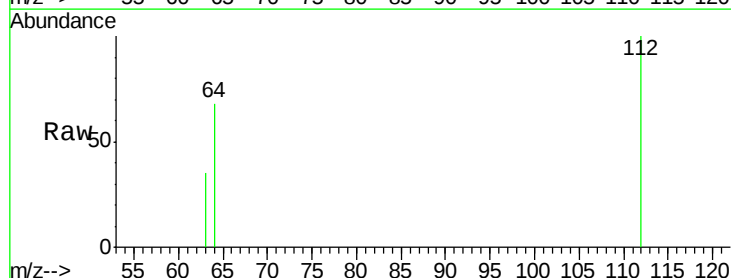
Tgt Ion: 112 Resp: 15749

Ion Ratio Lower Upper

112 100

64 67.0 53.5 80.3

63 35.8 27.9 41.9





#5

Phenol-d6

Concen: 7.05 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampled :

PB93552BS

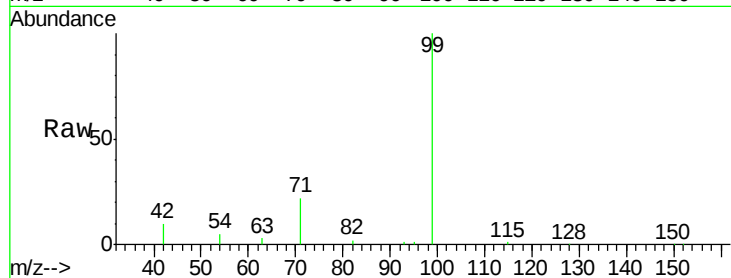
Tgt Ion: 99 Resp: 21016

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

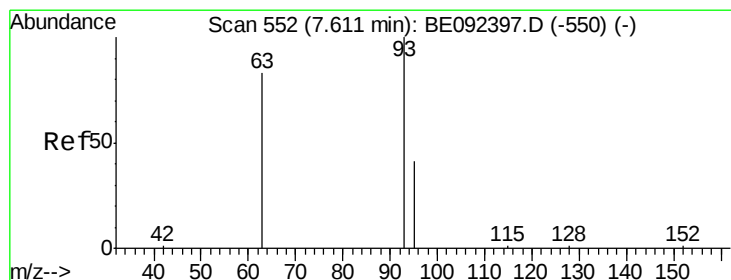
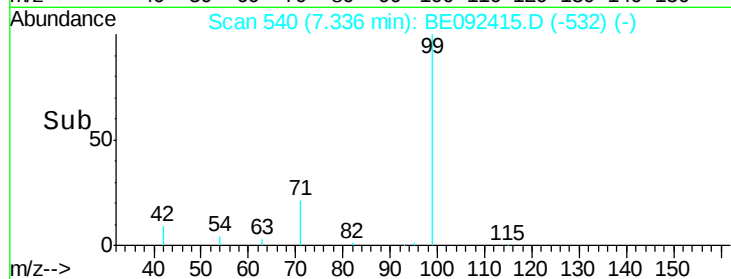
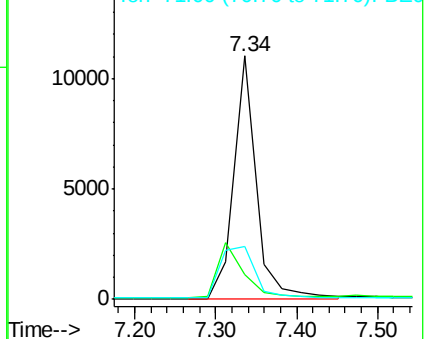
71 33.7 30.6 45.8



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: 3.49 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

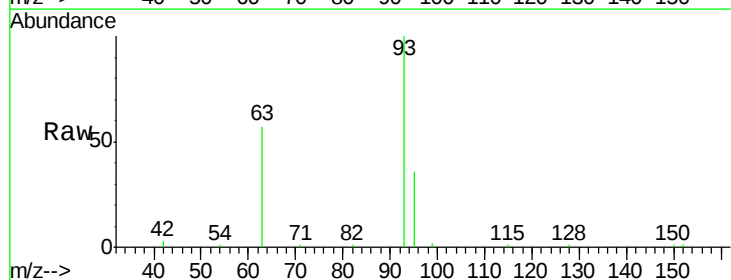
Tgt Ion: 93 Resp: 8128

Ion Ratio Lower Upper

93 100

63 86.0 71.6 107.4

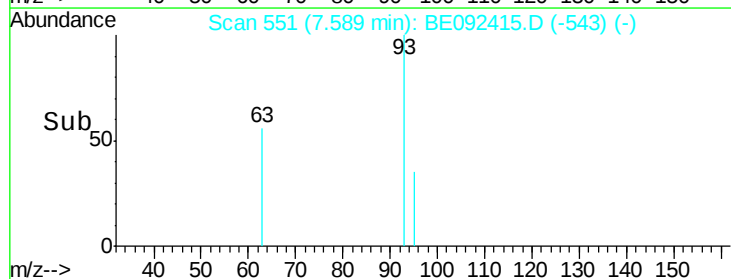
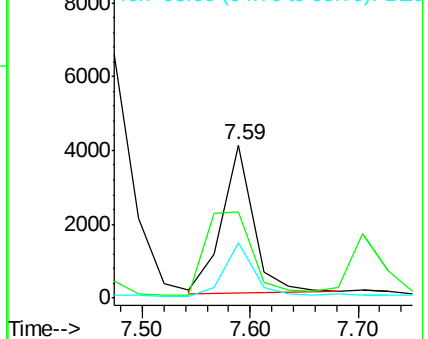
95 35.2 24.0 36.0



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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

Tgt Ion:136 Resp: 38033

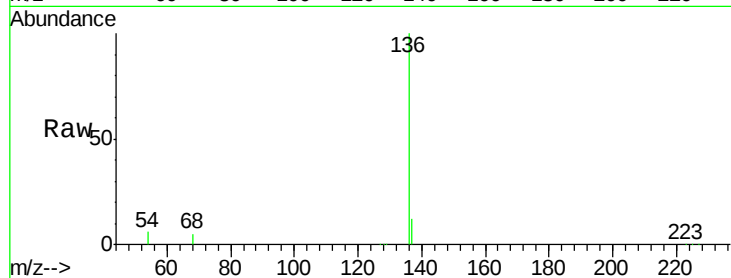
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.4

54 6.2 9.6 14.4#

68 4.9 6.7 10.1#

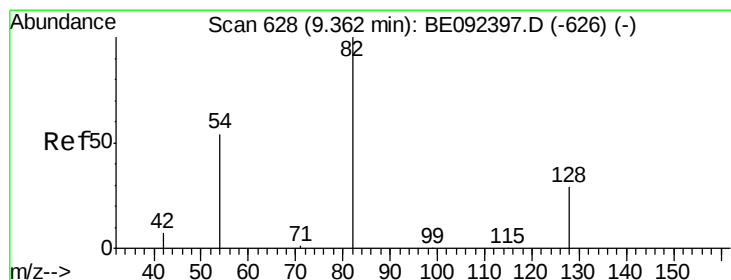
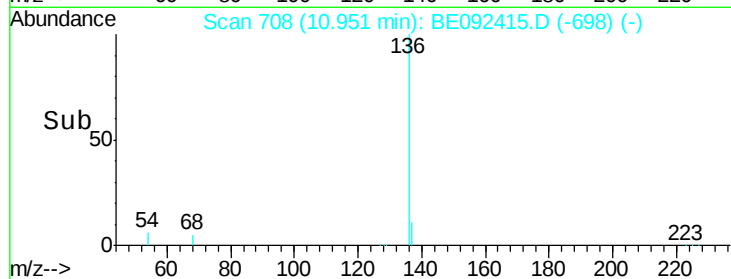
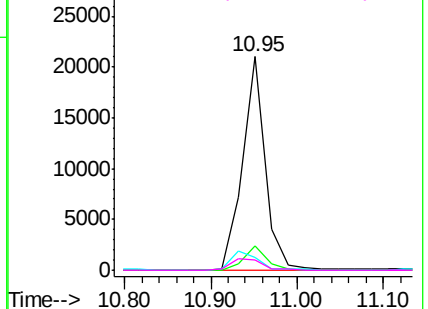


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.62 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

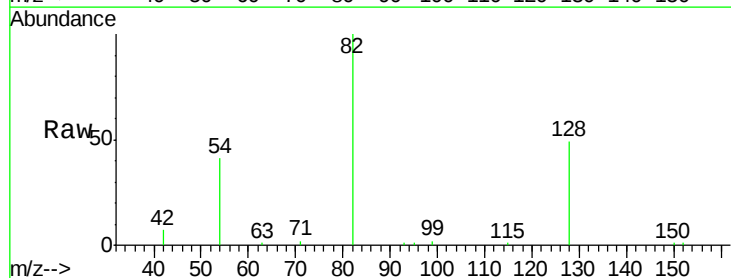
Tgt Ion: 82 Resp: 9784

Ion Ratio Lower Upper

82 100

128 48.9 39.0 58.4

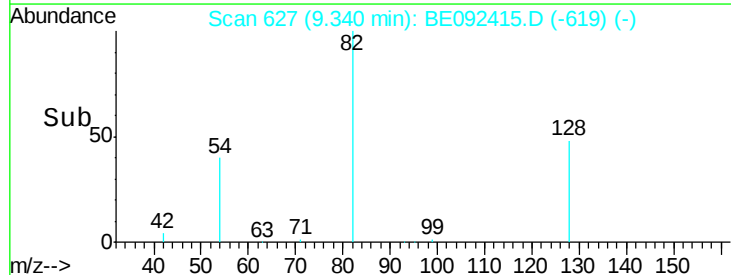
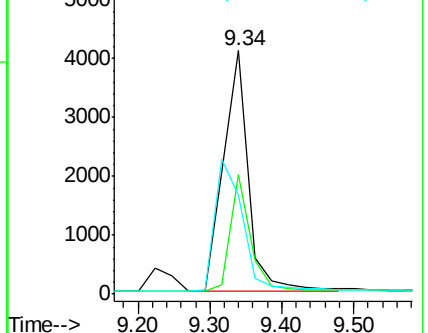
54 40.8 44.8 67.2#



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: 3.57 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

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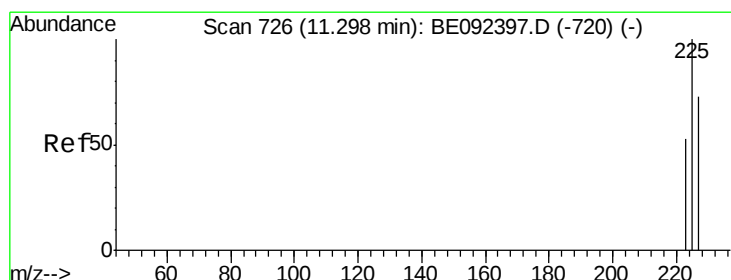
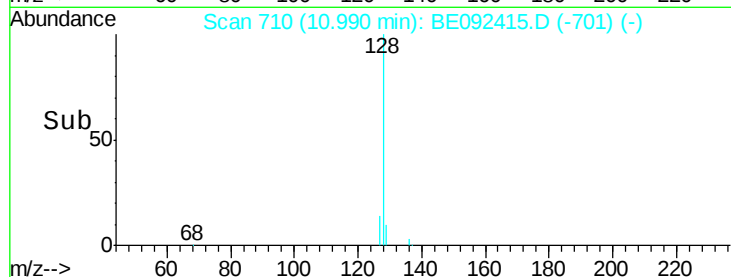
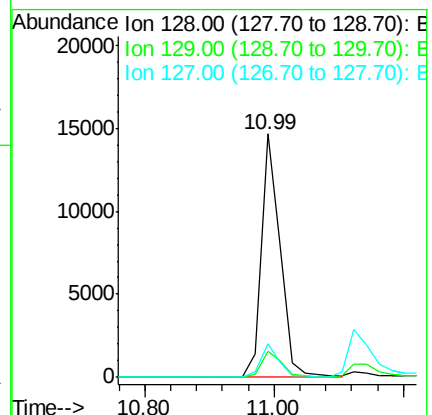
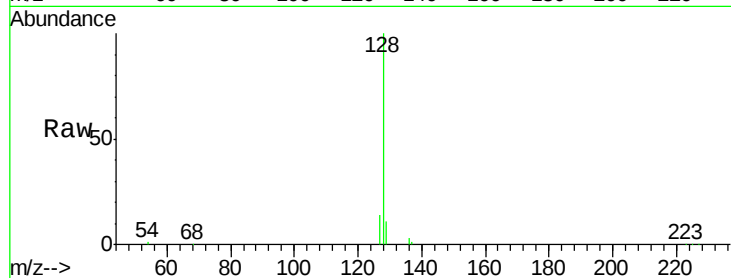
Tgt Ion:128 Resp: 29399

Ion Ratio Lower Upper

128 100

129 10.5 11.2 16.8#

127 14.0 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.47 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

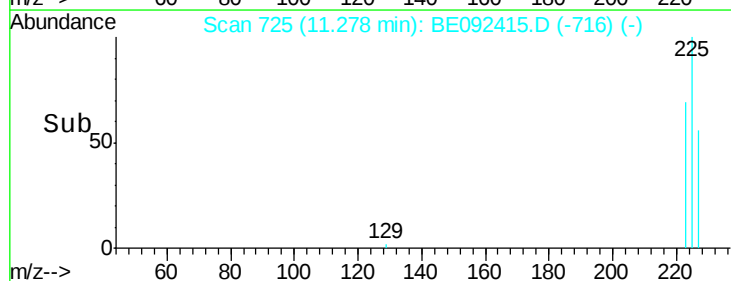
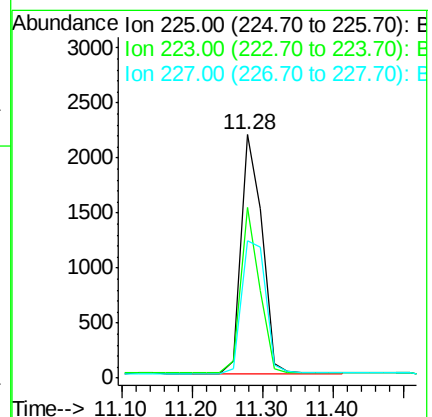
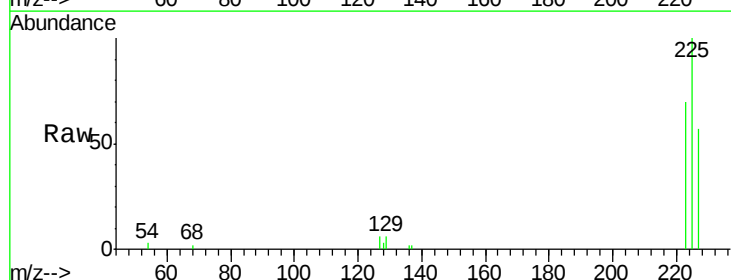
Tgt Ion:225 Resp: 4494

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 64.3 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.63 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

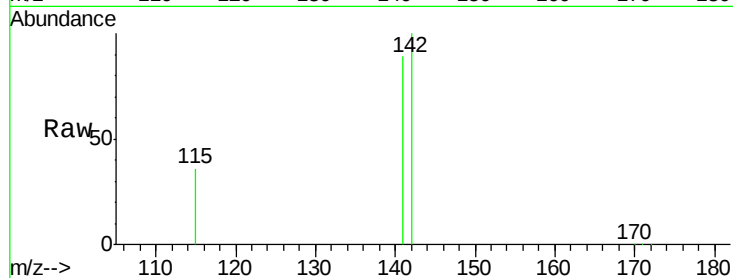
Tgt Ion:142 Resp: 19771

Ion Ratio Lower Upper

142 100

141 88.9 73.7 110.5

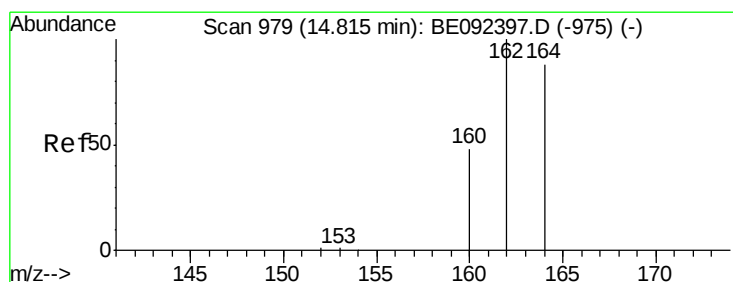
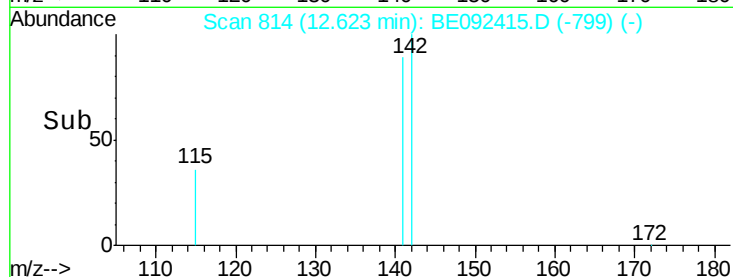
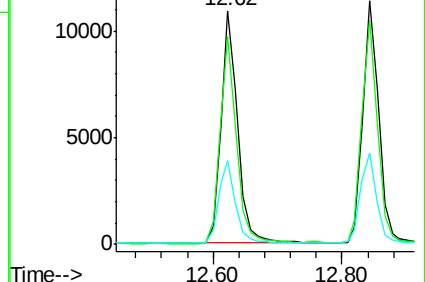
115 35.8 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

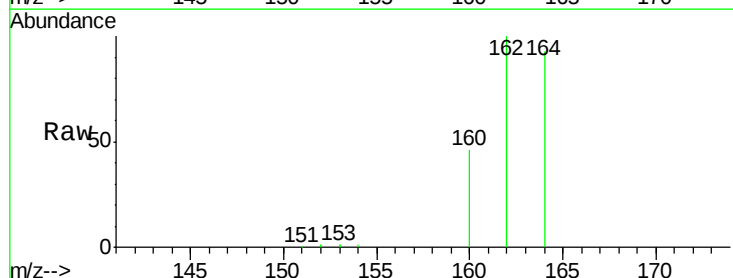
Tgt Ion:164 Resp: 24677

Ion Ratio Lower Upper

164 100

162 107.8 71.4 107.0#

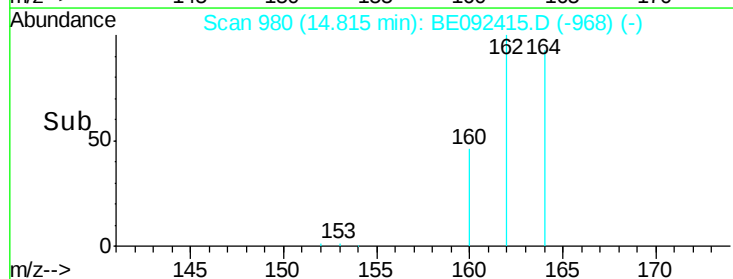
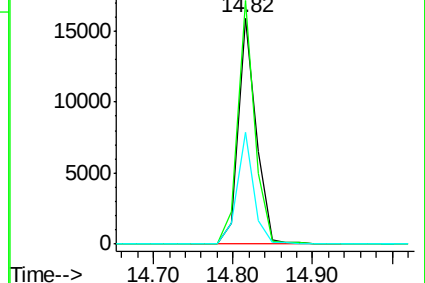
160 49.3 27.4 41.2#

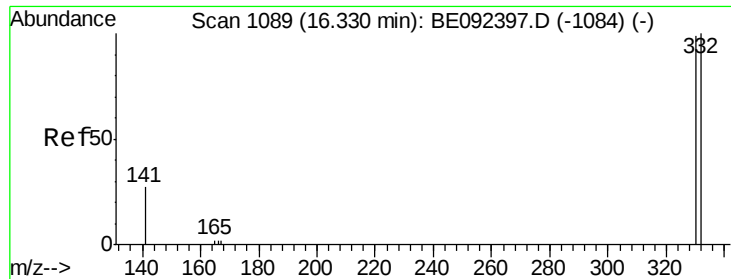


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

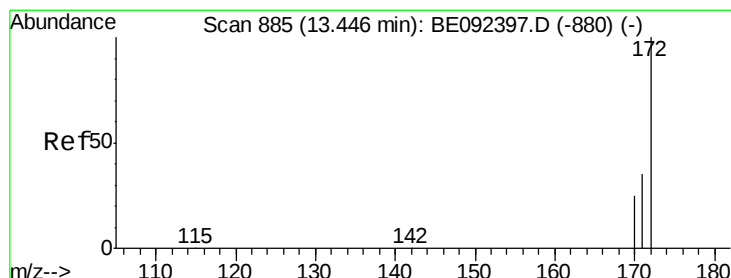
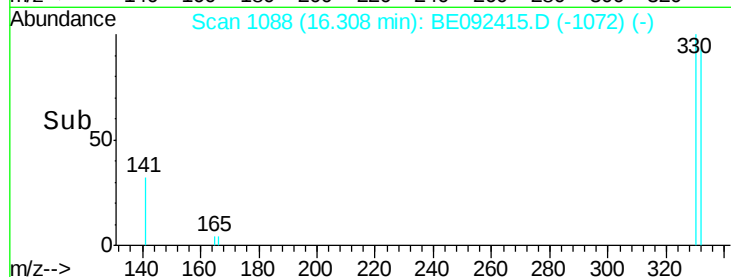
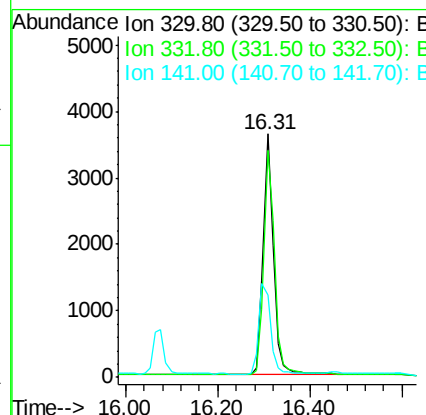
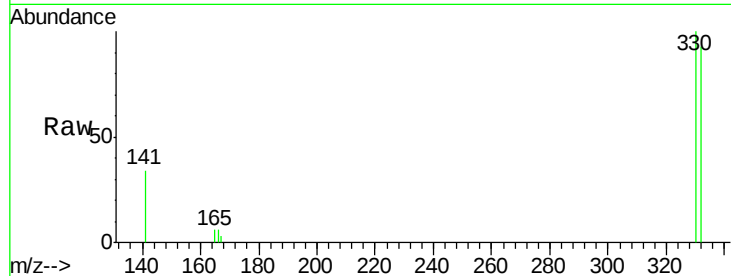




#13
 2,4,6-Tribromophenol
 Concen: 6.36 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092415.D
 Acq: 23 Sep 2016 14:54

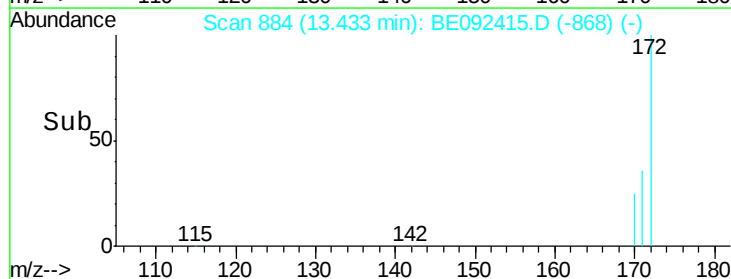
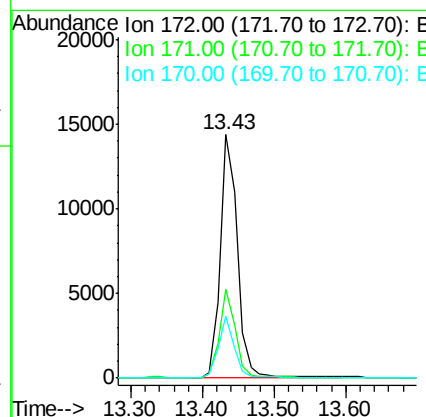
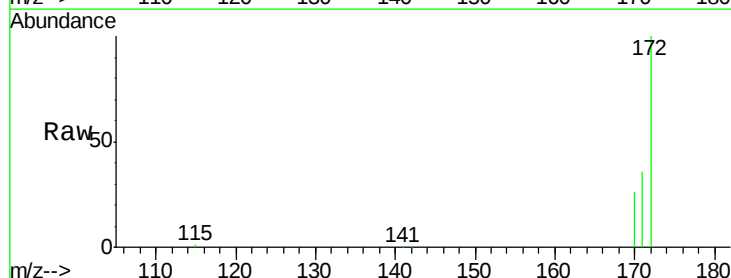
Instrument :
 BNA_E
 ClientSampleId :
 PB93552BS

Tgt Ion:330 Resp: 5537
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092415.D
 Acq: 23 Sep 2016 14:54

Tgt Ion:172 Resp: 23590
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.1 45.1
 170 25.5 21.8 32.6





#15

Acenaphthylene

Concen: 3.65 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

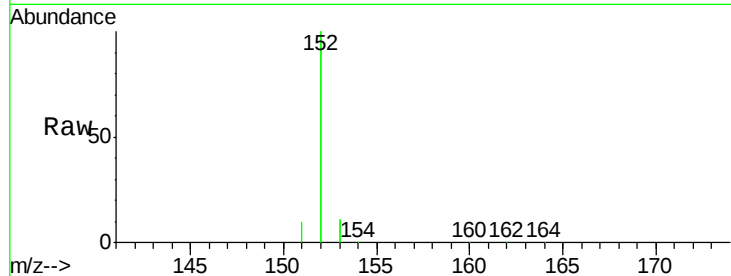
Tgt Ion:152 Resp: 130356

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

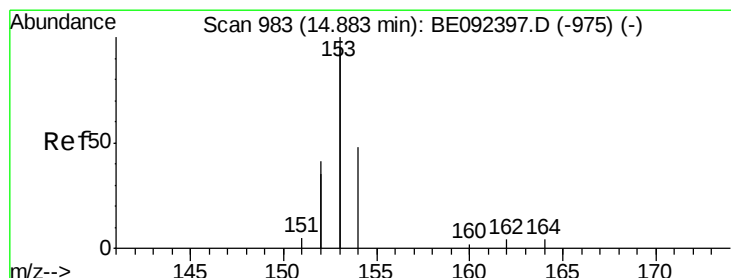
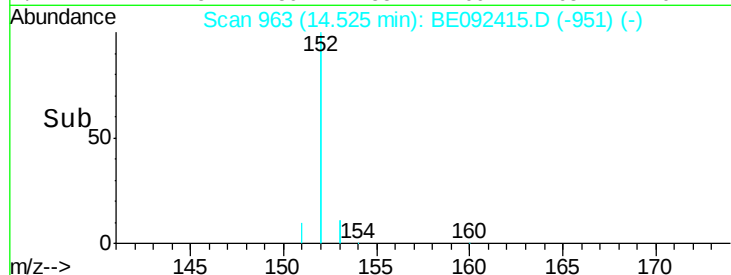
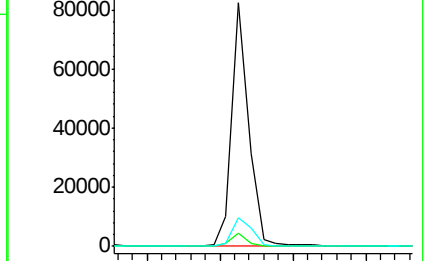
153 13.1 10.4 15.6



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: 3.55 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

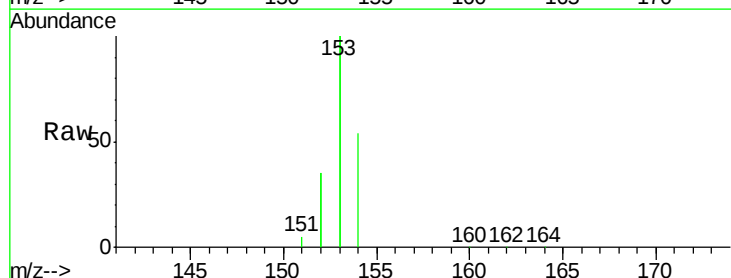
Tgt Ion:154 Resp: 19857

Ion Ratio Lower Upper

154 100

153 452.1 350.8 526.2

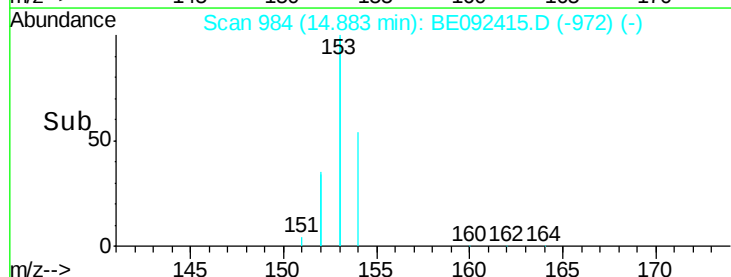
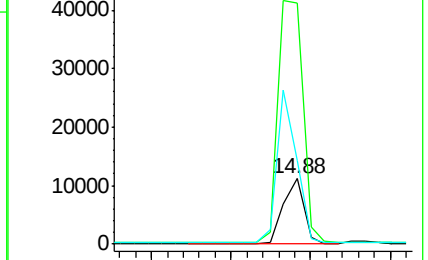
152 224.7 171.1 256.7



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: 3.64 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

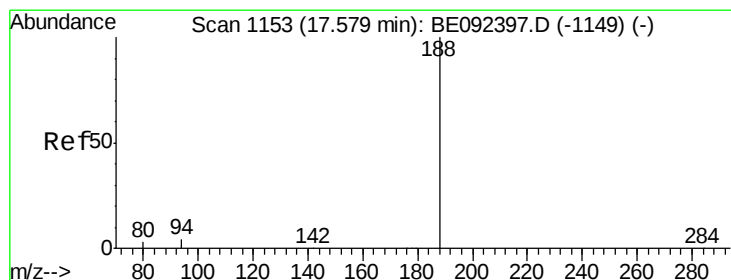
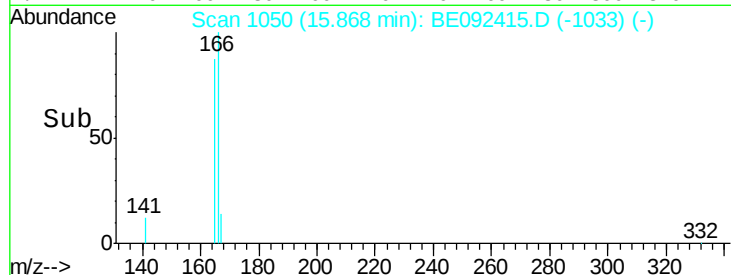
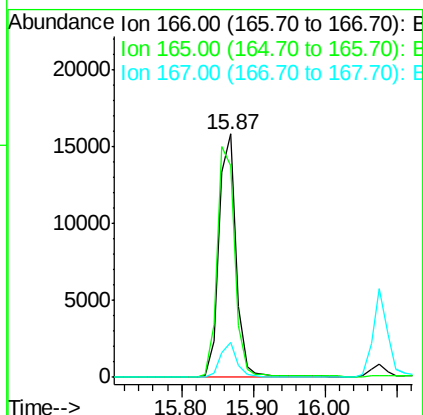
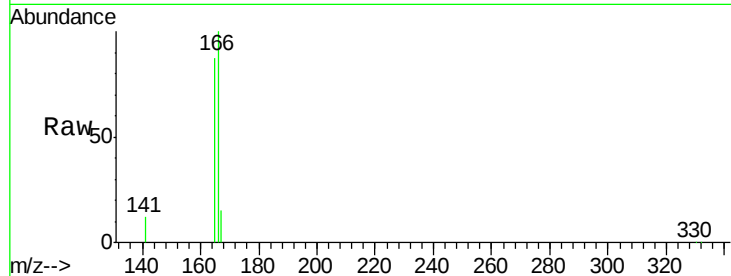
Tgt Ion:166 Resp: 25844

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

167 13.4 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

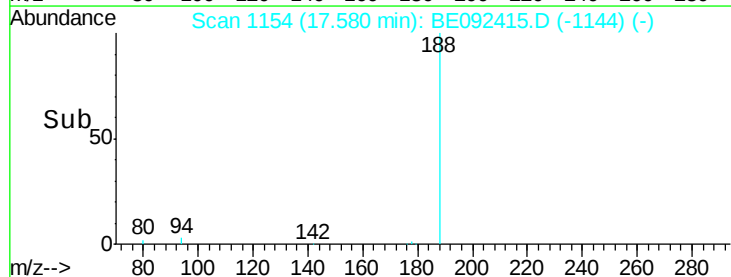
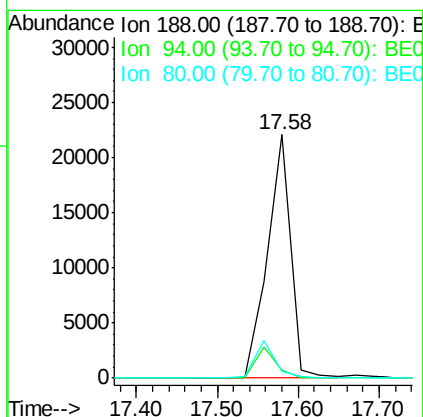
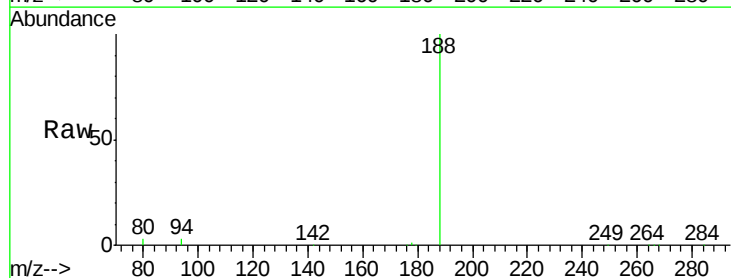
Tgt Ion:188 Resp: 43990

Ion Ratio Lower Upper

188 100

94 3.2 3.2 4.8

80 2.7 2.6 3.8

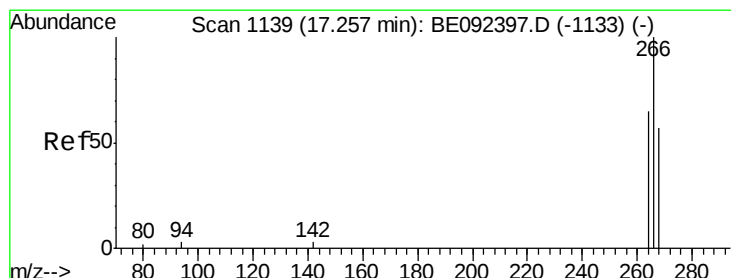
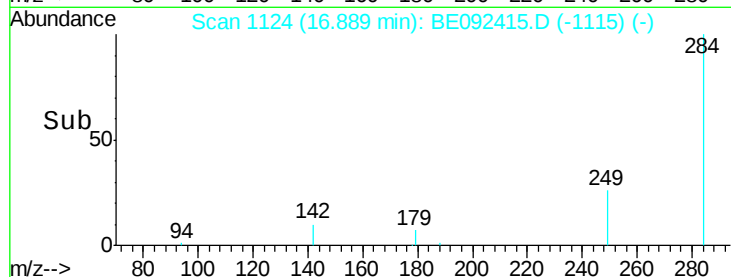
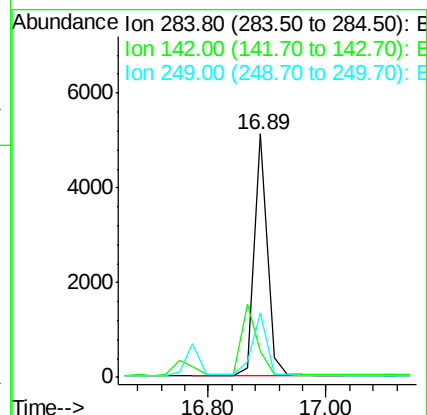
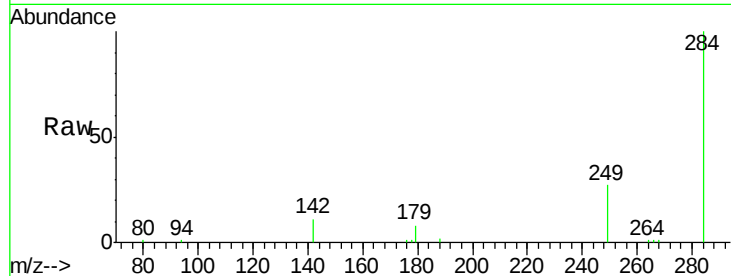




#19
Hexachlorobenzene
Concen: 4.16 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092415.D
Acq: 23 Sep 2016 14:54

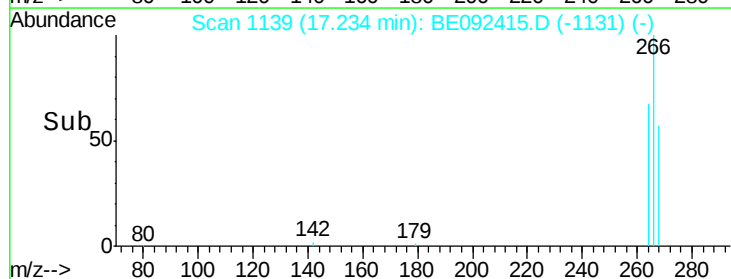
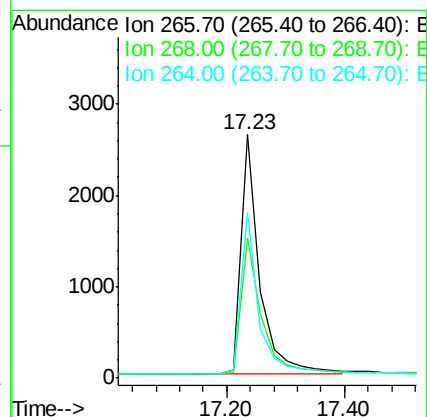
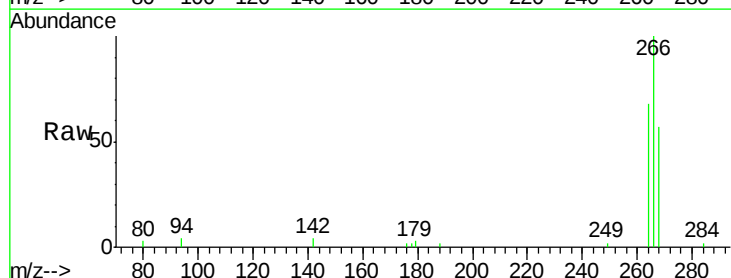
Instrument :
BNA_E
ClientSampleId :
PB93552BS

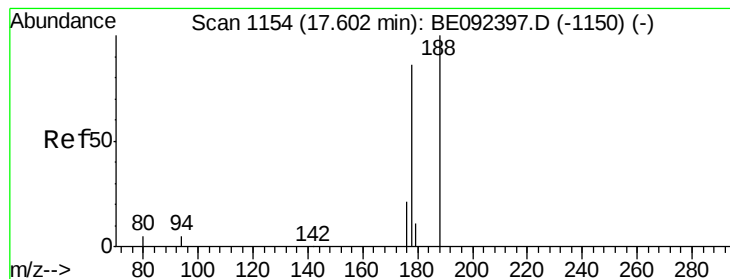
Tgt Ion: 284 Resp: 7830
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.9 27.9 41.9



#20
Pentachlorophenol
Concen: 8.42 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092415.D
Acq: 23 Sep 2016 14:54

Tgt Ion: 266 Resp: 5807
Ion Ratio Lower Upper
266 100
268 57.4 62.5 93.7#
264 67.9 57.2 85.8





#21

Phenanthrene

Concen: 4.17 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

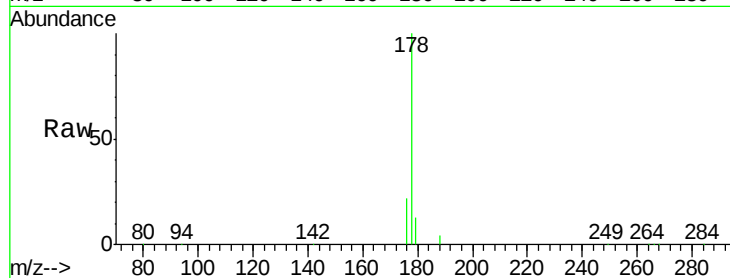
Tgt Ion:178 Resp: 42113

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

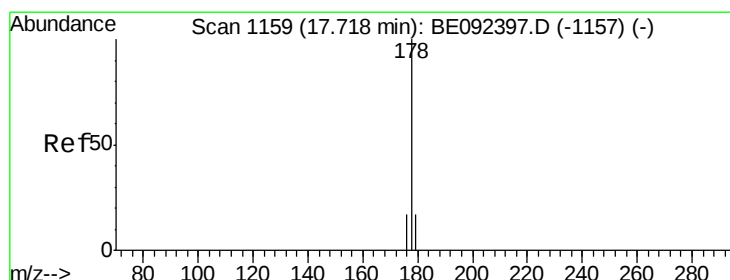
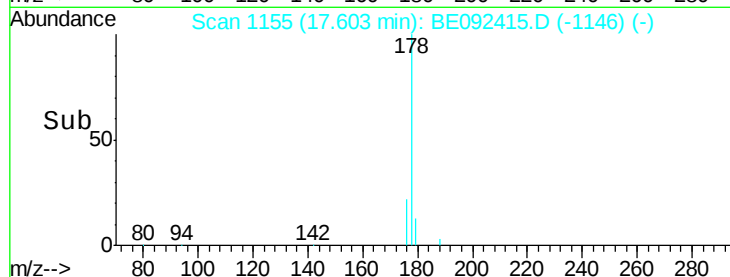
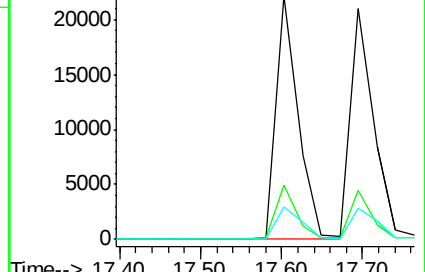
179 14.9 16.0 24.0#



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: 4.32 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

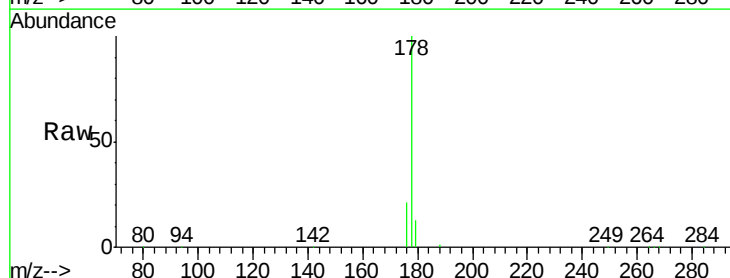
Tgt Ion:178 Resp: 42038

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

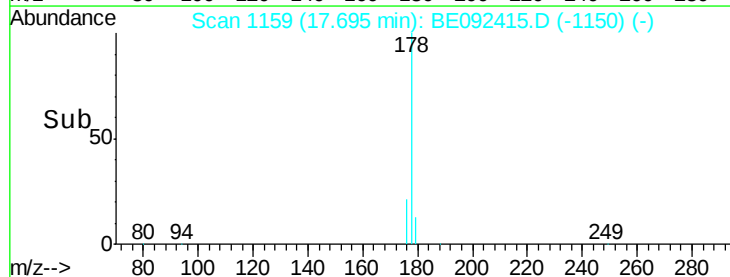
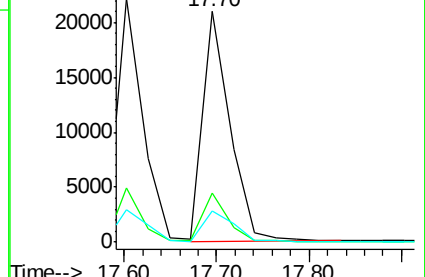
179 14.8 12.2 18.2

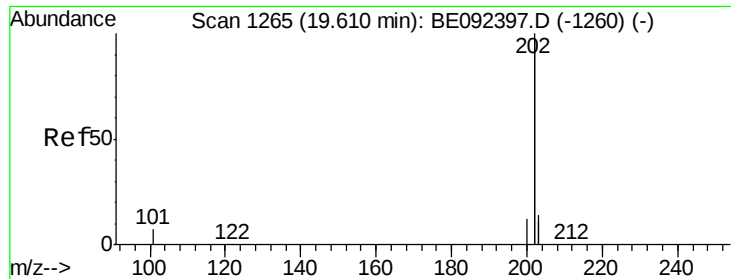


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

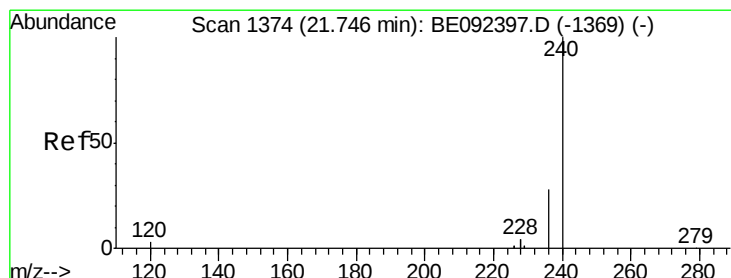
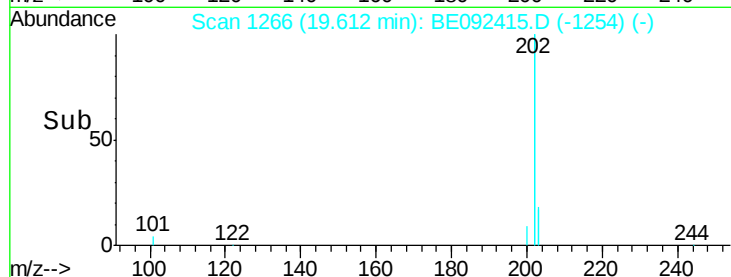
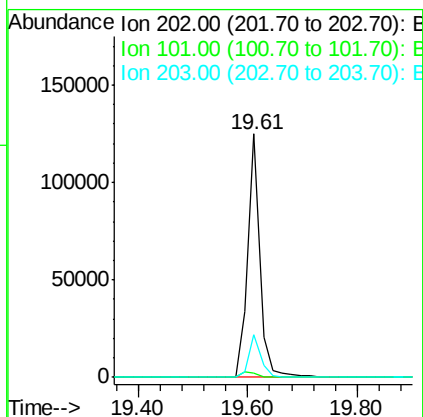
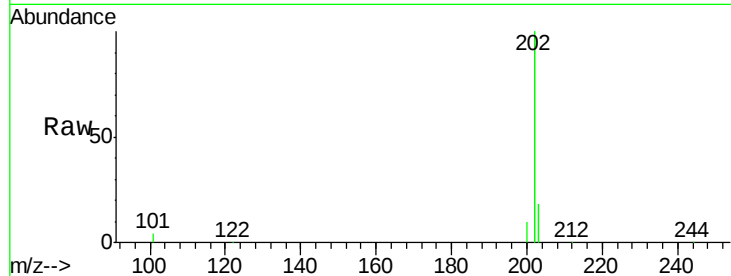




#23
 Fluoranthene
 Concen: 3.98 ng
 RT: 19.61 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BE092415.D
 Acq: 23 Sep 2016 14:54

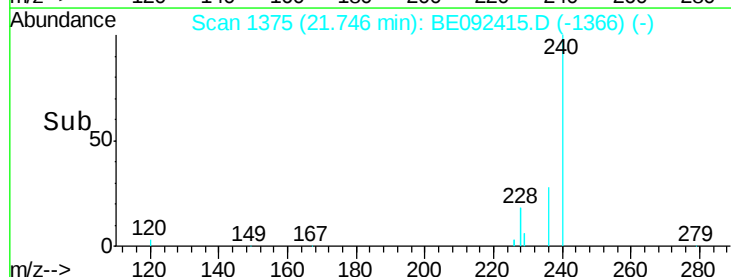
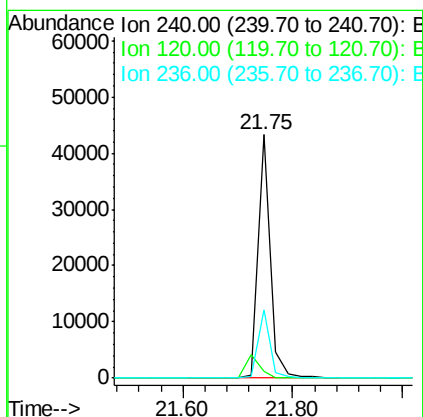
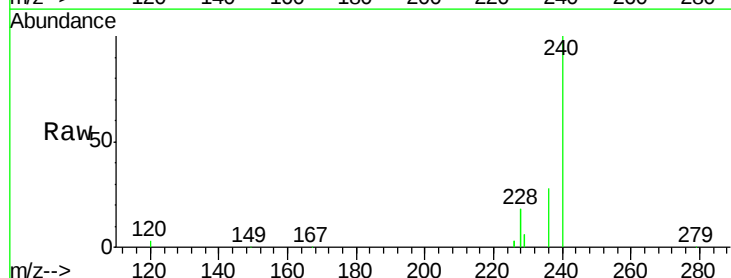
Instrument :
 BNA_E
 ClientSampleId :
 PB93552BS

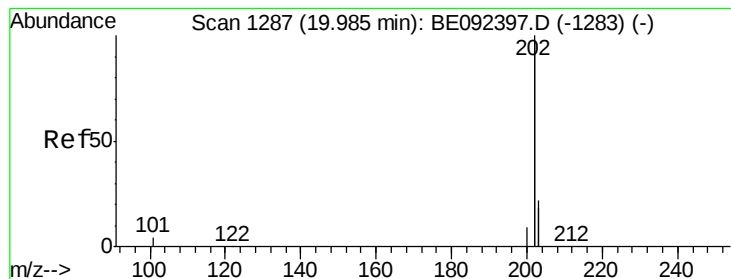
Tgt Ion: 202 Resp: 191123
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.3 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092415.D
 Acq: 23 Sep 2016 14:54

Tgt Ion: 240 Resp: 67576
 Ion Ratio Lower Upper
 240 100
 120 2.6 2.6 4.0
 236 28.3 24.6 37.0





#25

Pyrene

Concen: 3.50 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

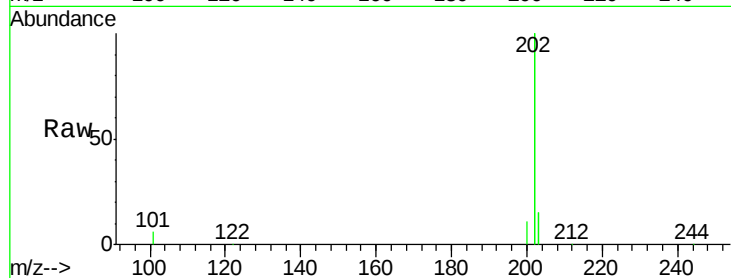
Tgt Ion: 202 Resp: 204894

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

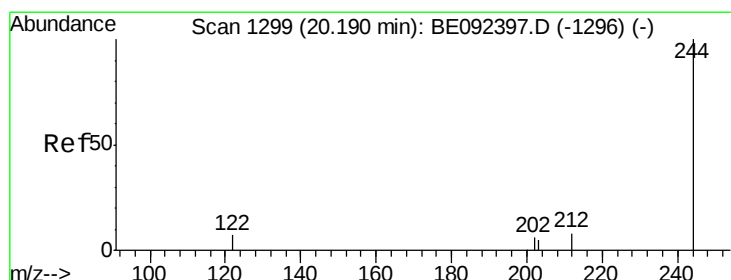
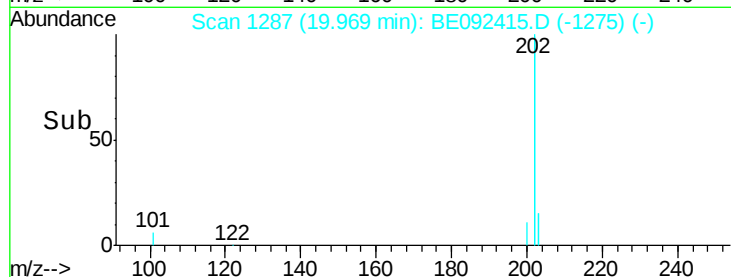
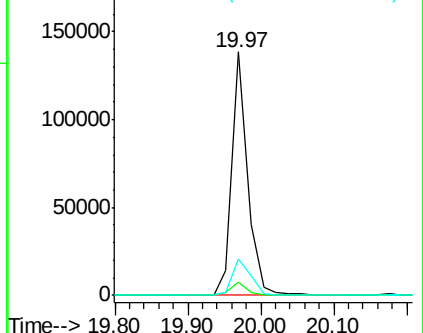
203 17.6 13.9 20.9



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: 3.42 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

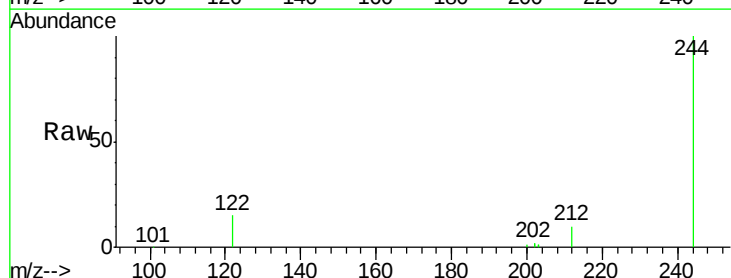
Tgt Ion: 244 Resp: 28688

Ion Ratio Lower Upper

244 100

212 10.0 6.7 10.1

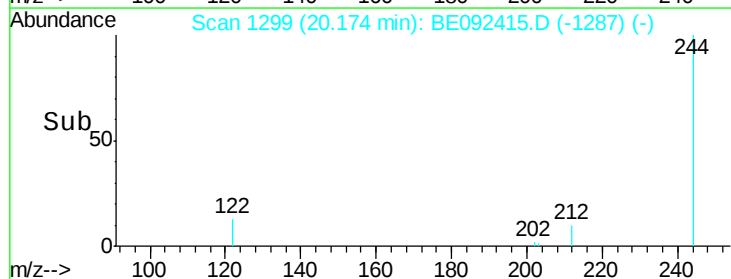
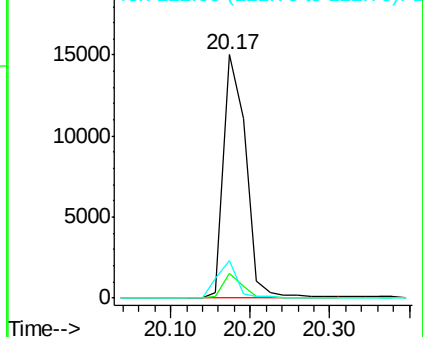
122 15.2 3.6 5.4#



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

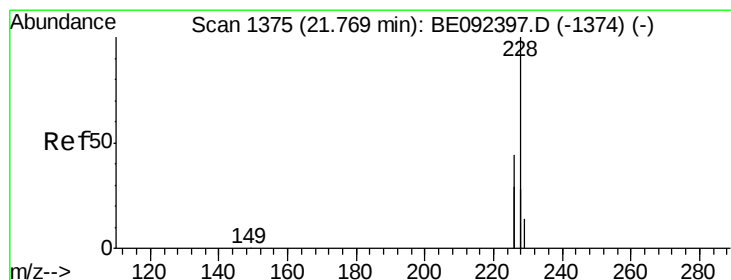
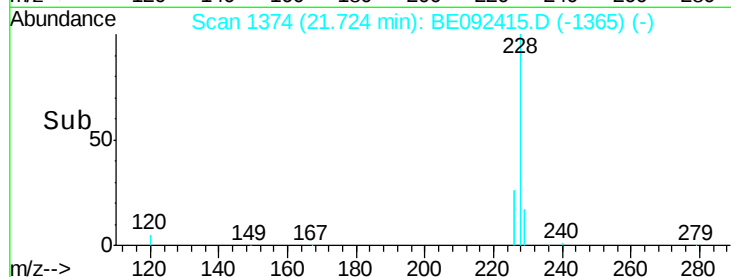
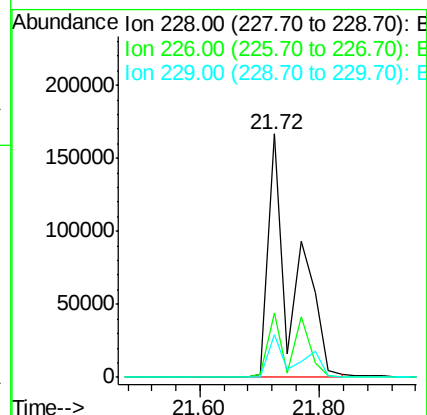
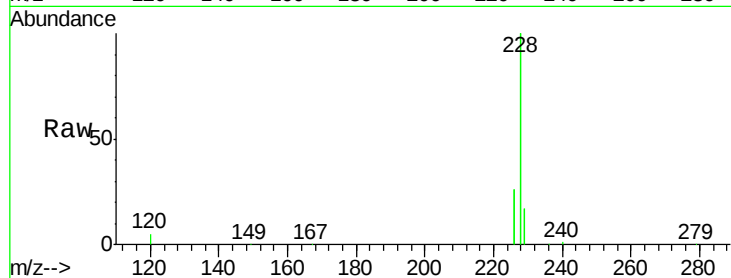




#27
Benzo(a)anthracene
Concen: 7.05 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092415.D
Acq: 23 Sep 2016 14:54

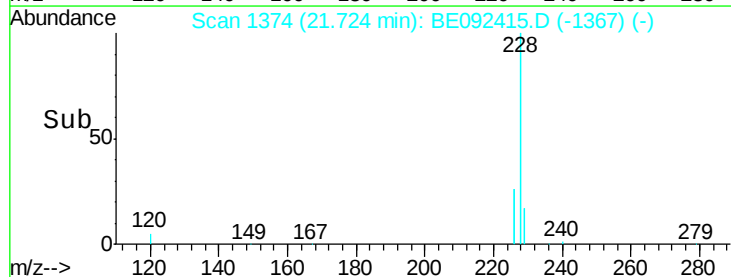
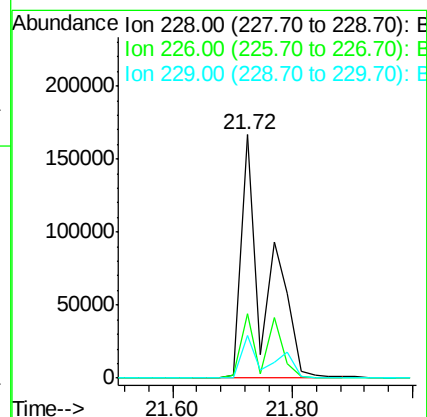
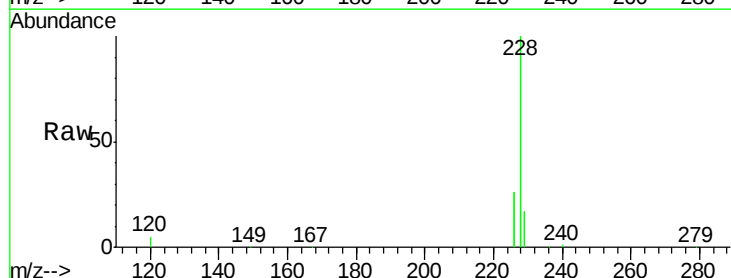
Instrument :
BNA_E
ClientSampleId :
PB93552BS

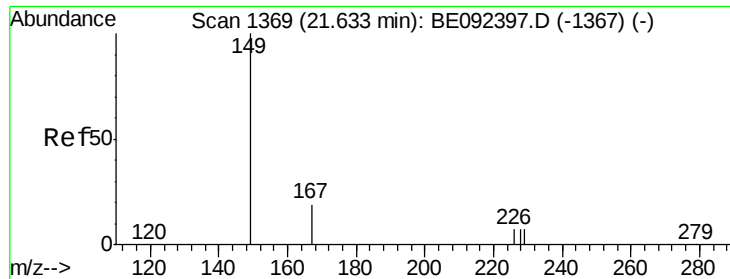
Tgt Ion:228 Resp: 464093
Ion Ratio Lower Upper
228 100
226 26.5 23.6 35.4
229 17.5 13.3 19.9



#28
Chrysene
Concen: 7.74 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092415.D
Acq: 23 Sep 2016 14:54

Tgt Ion:228 Resp: 466933
Ion Ratio Lower Upper
228 100
226 26.5 36.3 54.5#
229 17.5 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.27 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

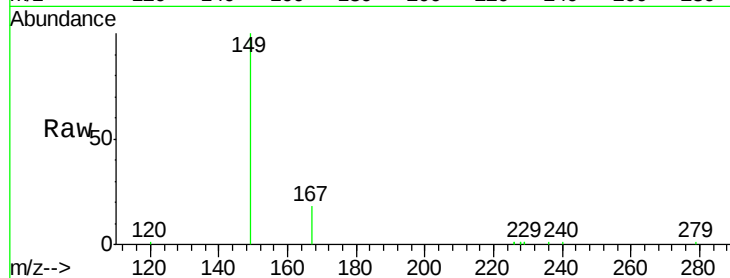
Tgt Ion:149 Resp: 18529

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

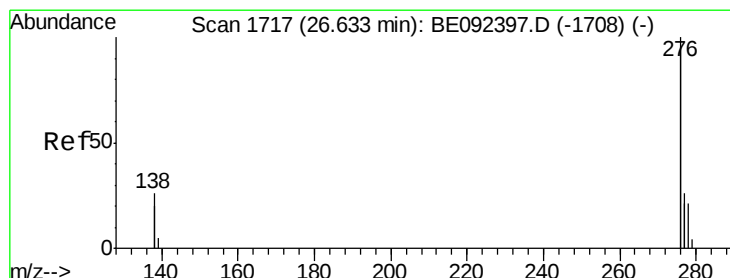
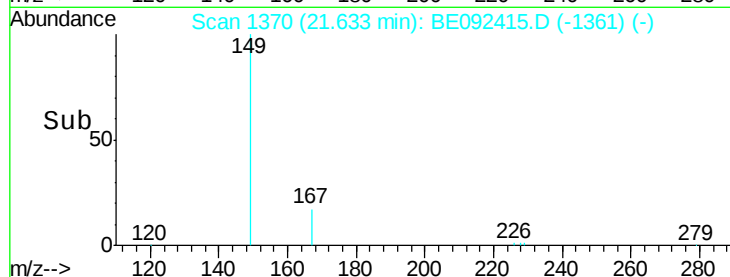
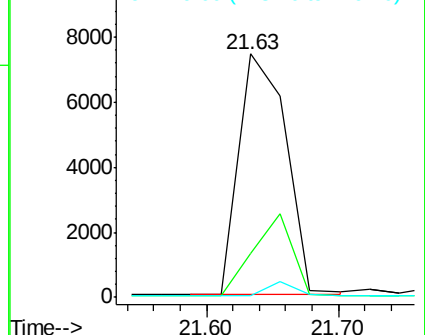
279 0.0 16.0 24.0#



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: 4.14 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

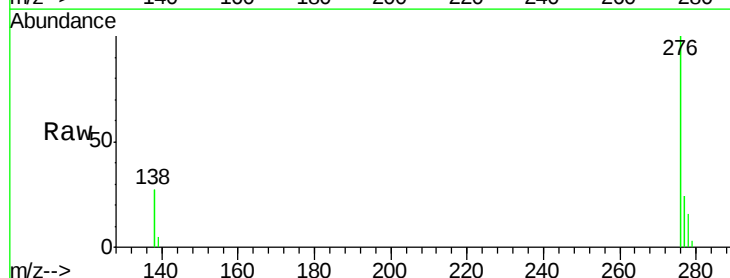
Tgt Ion:276 Resp: 264944

Ion Ratio Lower Upper

276 100

138 27.2 20.3 30.5

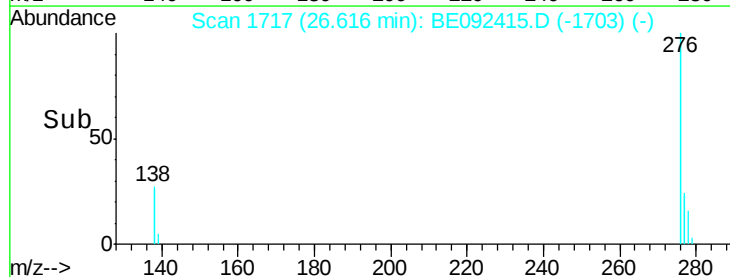
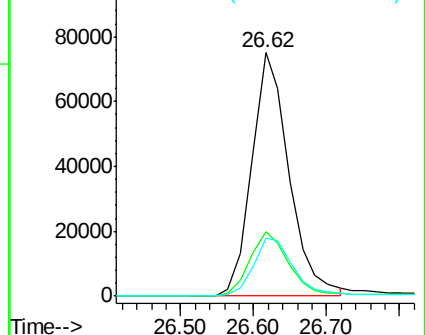
277 24.8 19.7 29.5



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: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

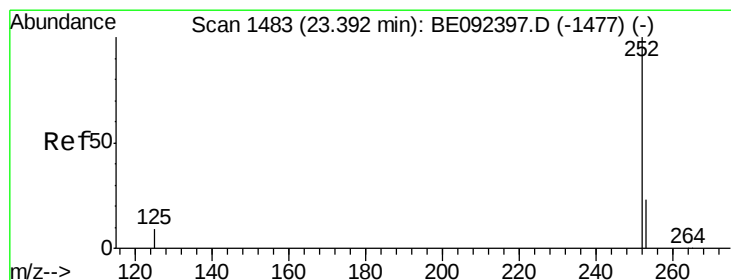
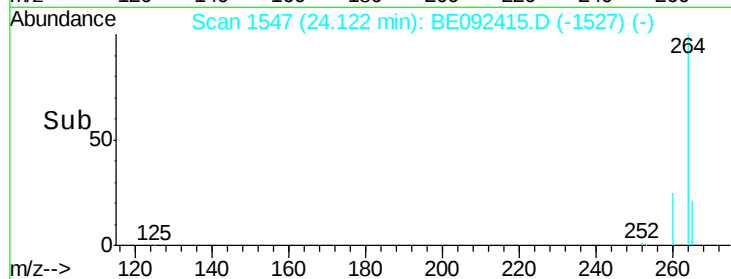
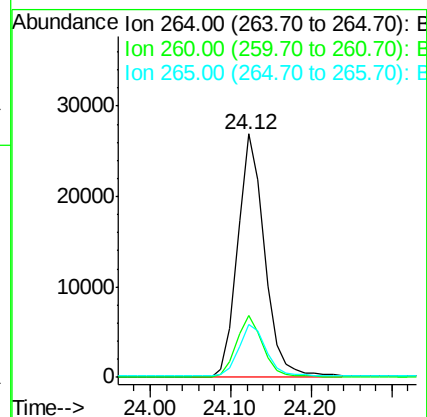
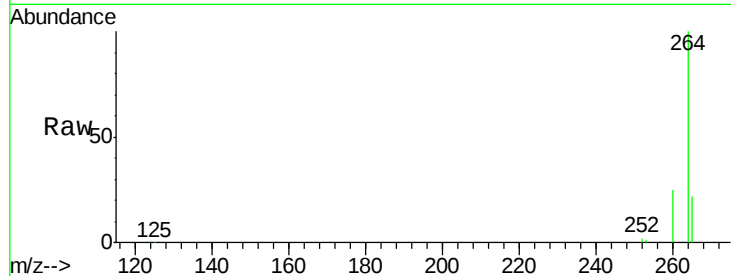
Tgt Ion:264 Resp: 62036

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 21.6 17.9 26.9



#32

Benzo(b)fluoranthene

Concen: 3.85 ng

RT: 23.38 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

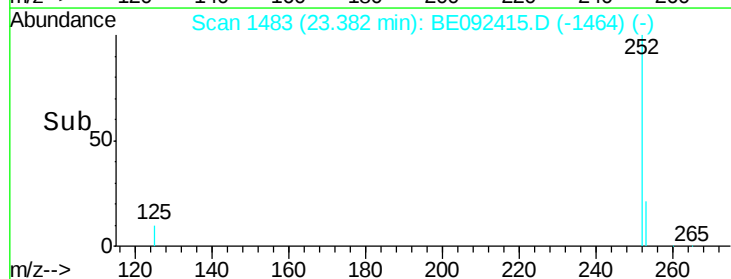
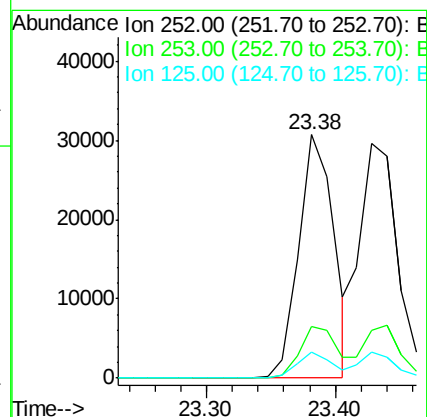
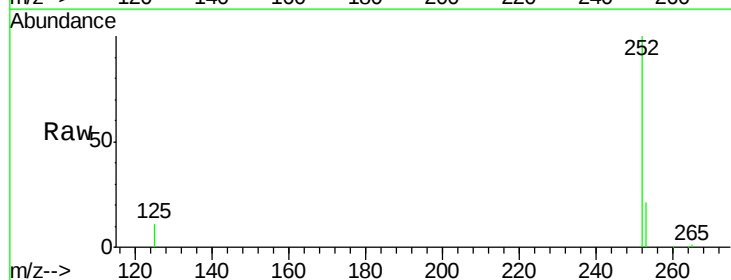
Tgt Ion:252 Resp: 57801

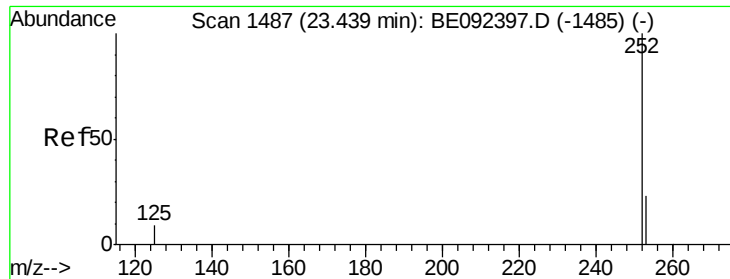
Ion Ratio Lower Upper

252 100

253 21.0 18.7 28.1

125 10.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 3.94 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

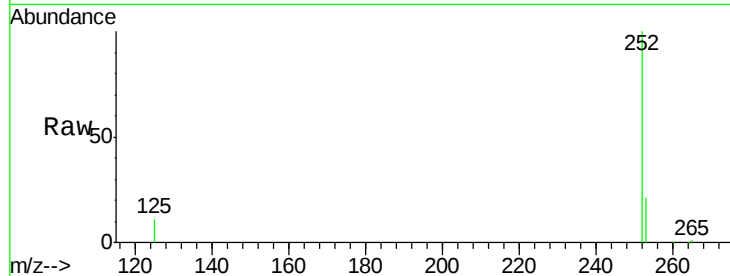
Tgt Ion:252 Resp: 61919

Ion Ratio Lower Upper

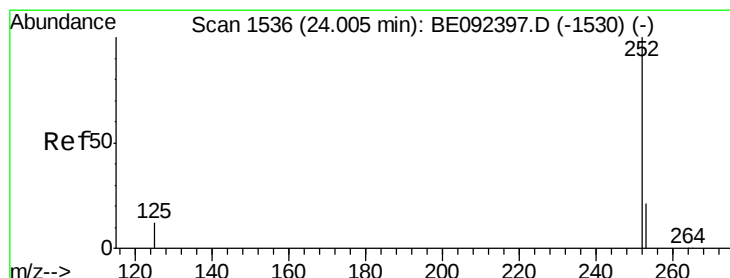
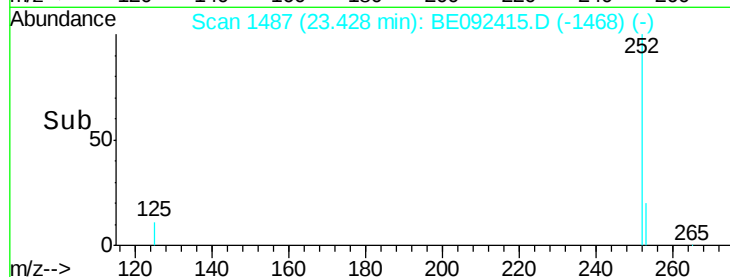
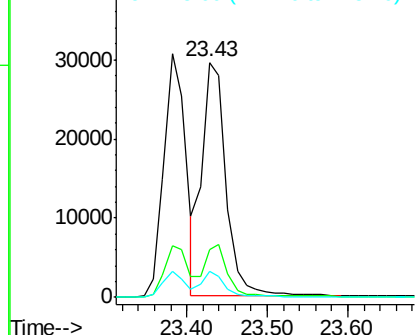
252 100

253 20.6 20.3 30.5

125 11.0 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: 3.96 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

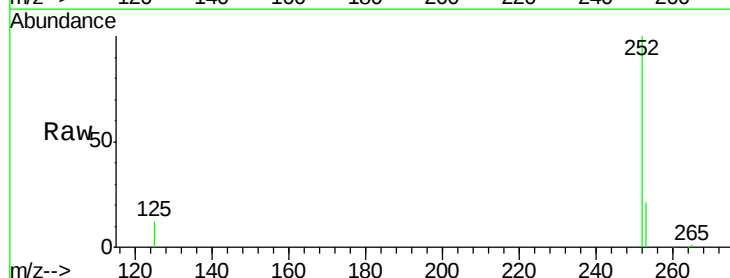
Tgt Ion:252 Resp: 58293

Ion Ratio Lower Upper

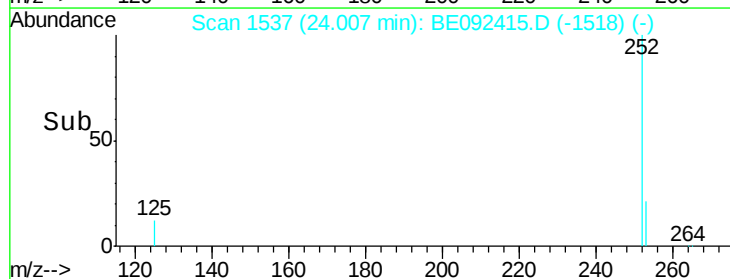
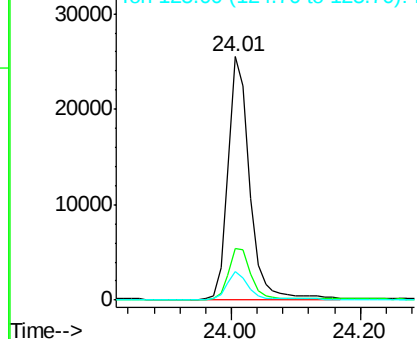
252 100

253 21.2 19.0 28.6

125 11.8 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: 4.13 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

Instrument :

BNA_E

ClientSampleId :

PB93552BS

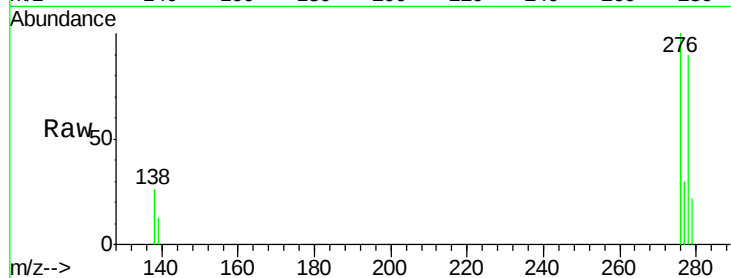
Tgt Ion: 278 Resp: 55814

Ion Ratio Lower Upper

278 100

139 14.7 13.8 20.8

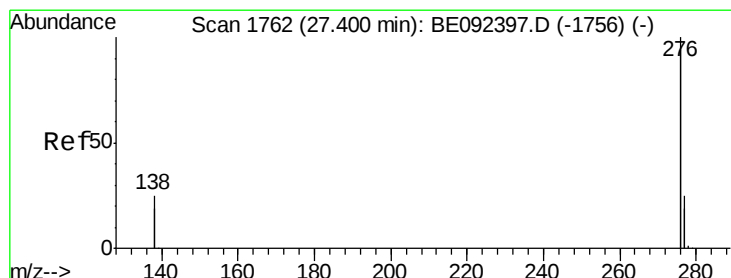
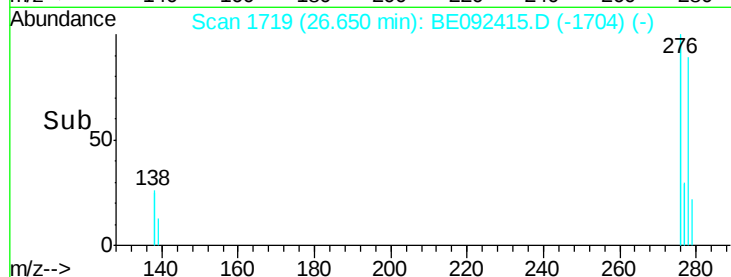
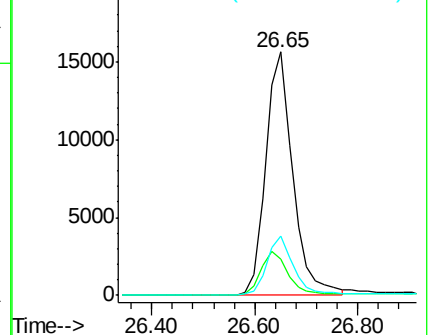
279 24.4 21.4 32.2



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: 4.01 ng

RT: 27.40 min Scan# 1763

Delta R.T. 0.05 min

Lab File: BE092415.D

Acq: 23 Sep 2016 14:54

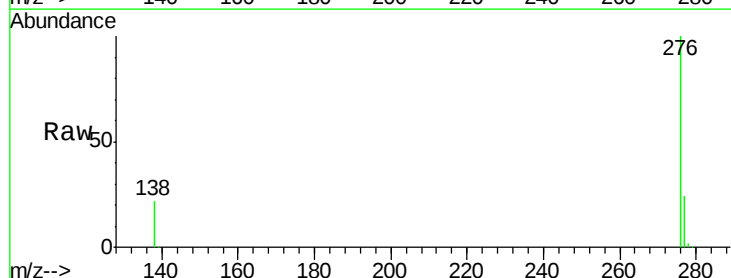
Tgt Ion: 276 Resp: 232233

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 21.8 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

