

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
 Data File : BE092583.D
 Acq On : 1 Dec 2016 12:04
 Operator : UM/SJ
 Sample : PB94961BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94961BSD

Quant Time: Dec 02 01:00:22 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	11501	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	51353	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	31999	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56237	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71317	5.00	ng	0.00
31) Perylene-d12	24.08	264	63009	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	19861	10.22	ng	-0.02
5) Phenol-d6	7.31	99	29158	8.98	ng	-0.05
8) Nitrobenzene-d5	9.32	82	13568	4.08	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	6098	8.49	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	30012	3.85	ng	-0.02
26) Terphenyl-d14	20.16	244	33342	4.09	ng	-0.02

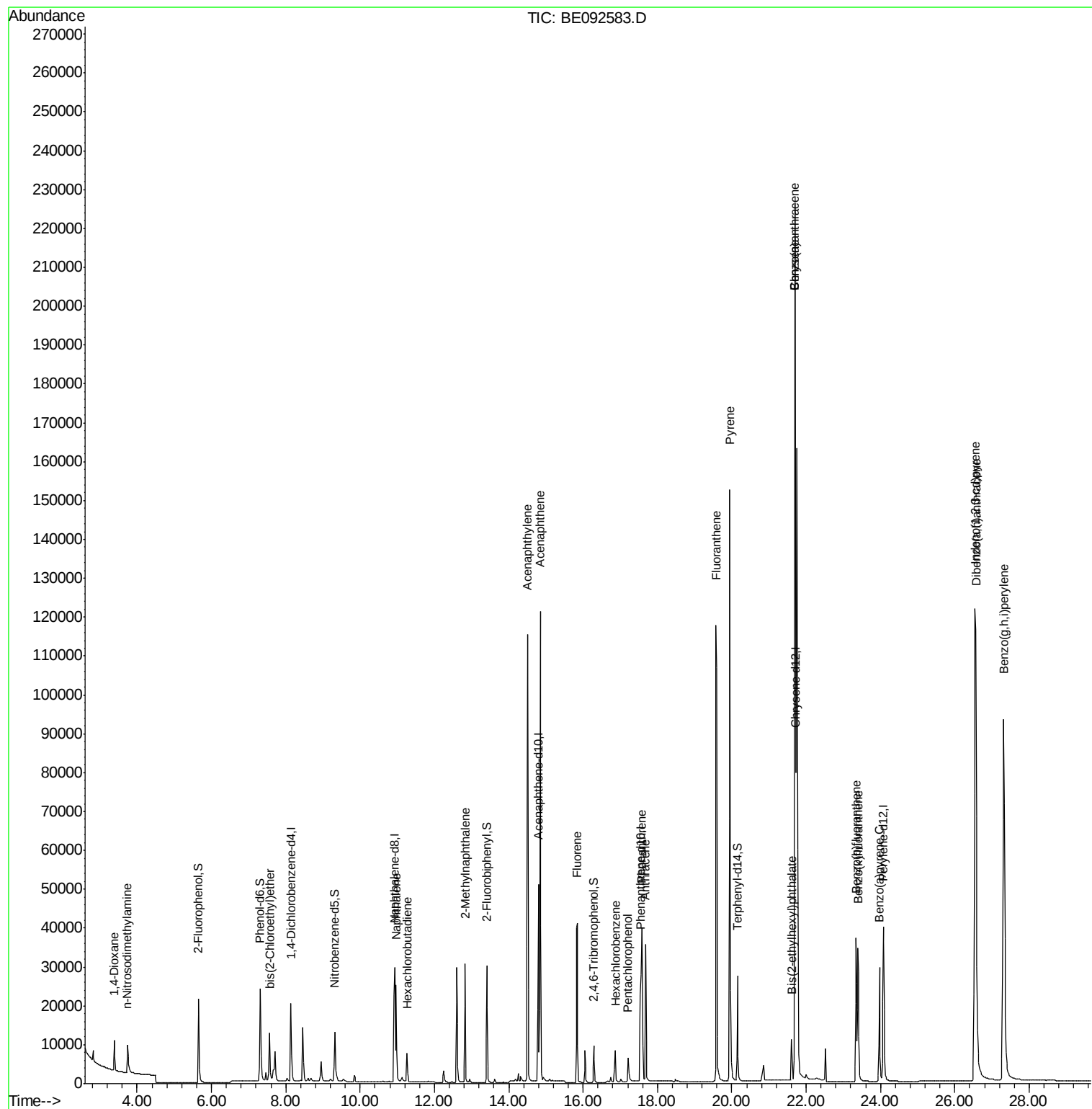
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4420	3.24	ng	# 54
3) n-Nitrosodimethylamine	3.73	42	6931	3.65	ng	# 91
6) bis(2-Chloroethyl)ether	7.57	93	11603	3.32	ng	# 88
9) Naphthalene	10.97	128	35683	3.37	ng	# 95
10) Hexachlorobutadiene	11.26	225	5358	3.32	ng	99
11) 2-Methylnaphthalene	12.82	142	22431	3.32	ng	96
15) Acenaphthylene	14.51	152	154469	3.47	ng	100
16) Acenaphthene	14.85	154	23019	3.17	ng	92
17) Fluorene	15.84	166	29765	3.30	ng	100
19) Hexachlorobenzene	16.87	284	10610	4.78	ng	# 60
20) Pentachlorophenol	17.21	266	5927	6.32	ng	# 86
21) Phenanthrene	17.58	178	50010	3.97	ng	# 94
22) Anthracene	17.67	178	48689	4.11	ng	99
23) Fluoranthene	19.58	202	203076	3.46	ng	100
25) Pyrene	19.95	202	203846	3.60	ng	98
27) Benzo(a)anthracene	21.70	228	436152	6.42	ng	93
28) Chrysene	21.70	228	437710	7.22	ng	# 73
29) Bis(2-ethylhexyl)phthalate	21.61	149	16655	3.63	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.55	276	267246	4.04	ng	98
32) Benzo(b)fluoranthene	23.35	252	50878	3.33	ng	96
33) Benzo(k)fluoranthene	23.39	252	53869	3.36	ng	93
34) Benzo(a)pyrene	23.97	252	50974	3.61	ng	# 95
35) Dibenzo(a,h)anthracene	26.56	278	55943	4.00	ng	93
36) Benzo(g,h,i)perylene	27.31	276	234492	3.96	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: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

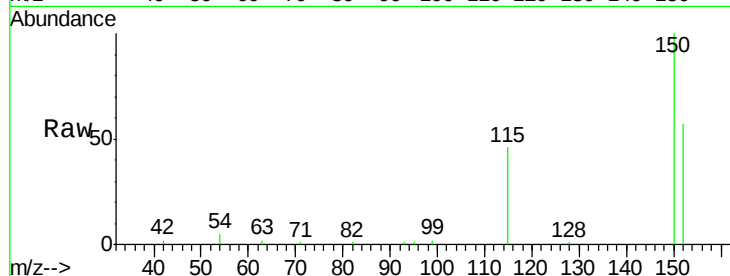
Tgt Ion:152 Resp: 11501

Ion Ratio Lower Upper

152 100

150 174.9 106.0 159.0#

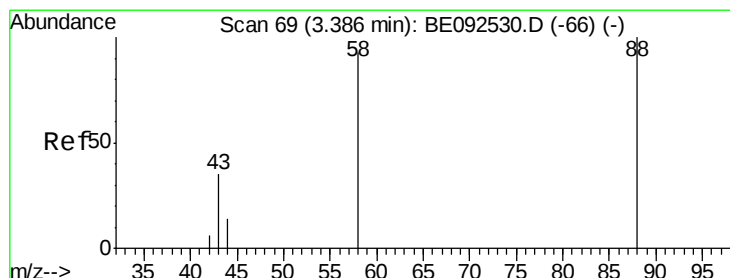
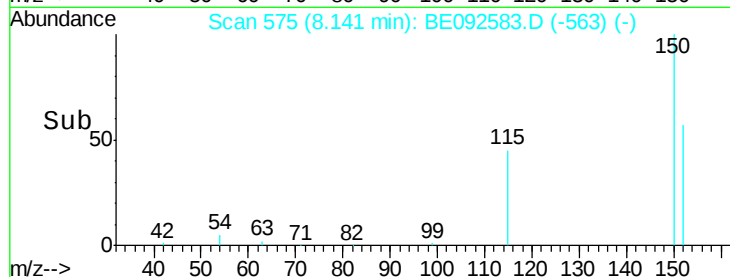
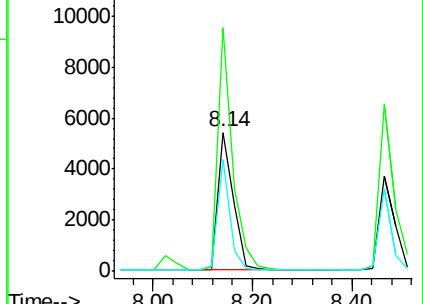
115 80.1 31.2 46.8#



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: 3.24 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

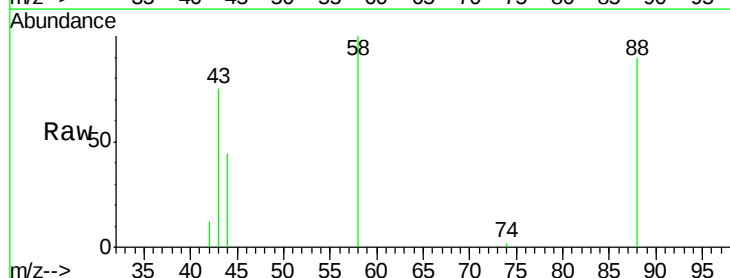
Tgt Ion: 88 Resp: 4420

Ion Ratio Lower Upper

88 100

58 102.1 63.6 95.4#

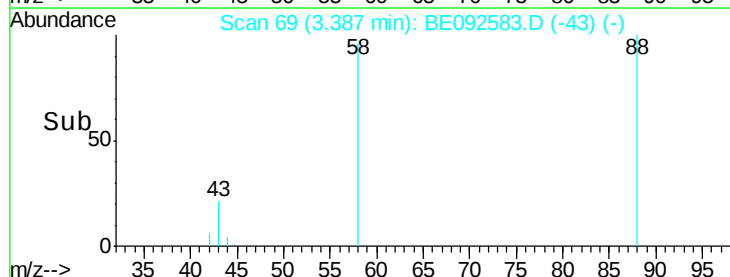
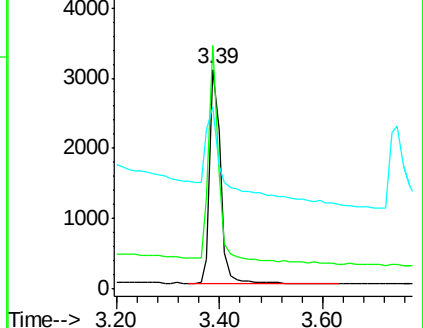
43 88.3 28.0 42.0#

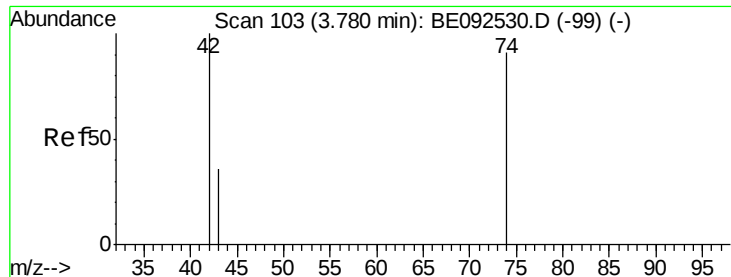


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.65 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.05 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

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PB94961BSD

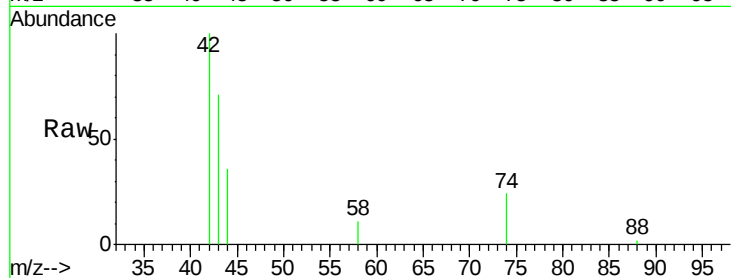
Tgt Ion: 42 Resp: 6931

Ion Ratio Lower Upper

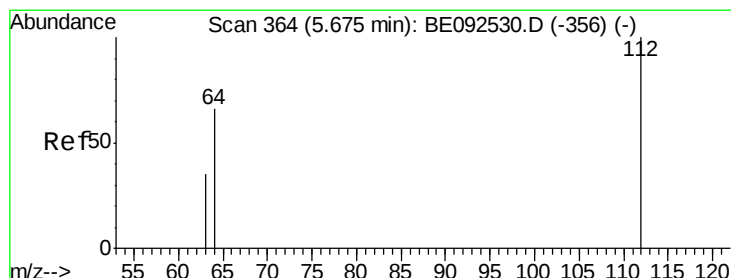
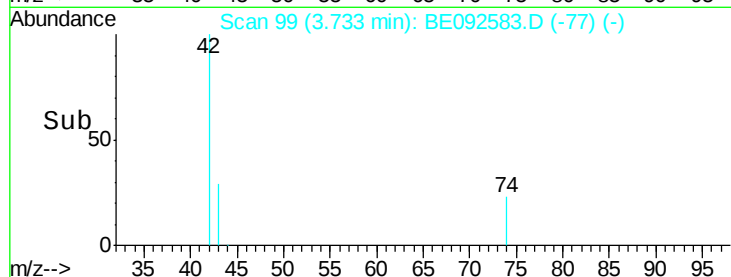
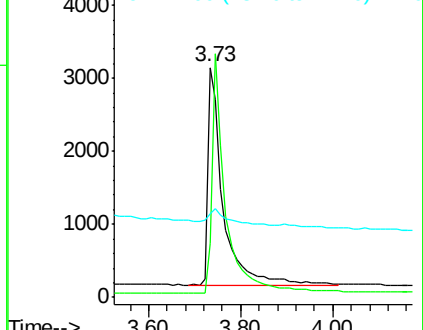
42 100

74 100.1 86.0 129.0

44 17.9 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: 10.22 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

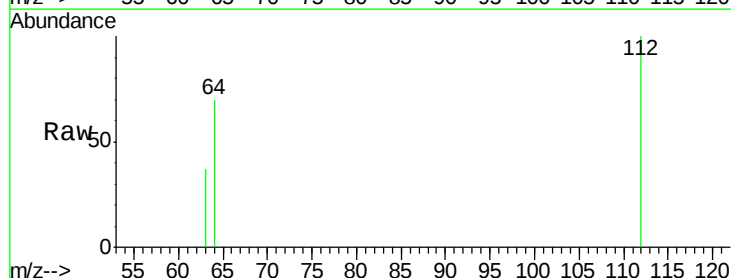
Tgt Ion: 112 Resp: 19861

Ion Ratio Lower Upper

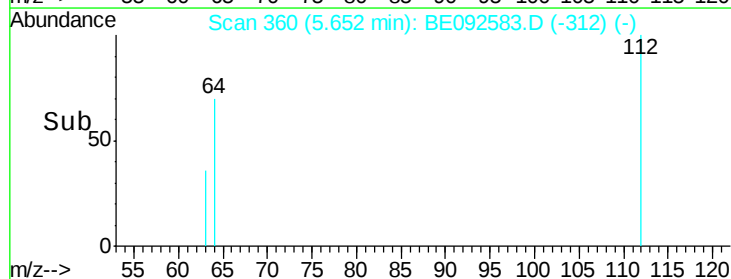
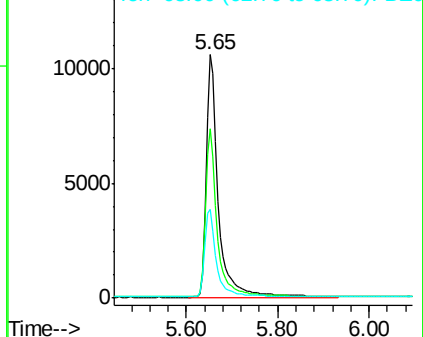
112 100

64 68.7 53.5 80.3

63 36.8 27.9 41.9



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





#5

Phenol-d6

Concen: 8.98 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

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PB94961BSD

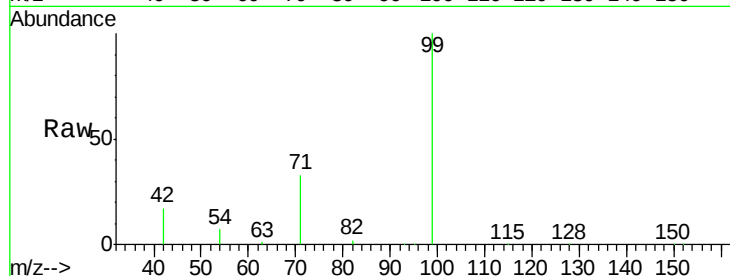
Tgt Ion: 99 Resp: 29158

Ion Ratio Lower Upper

99 100

42 22.7 16.0 24.0

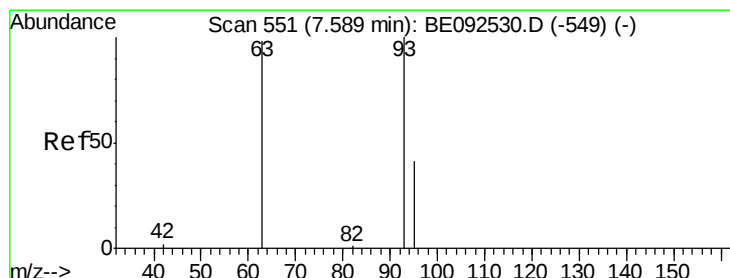
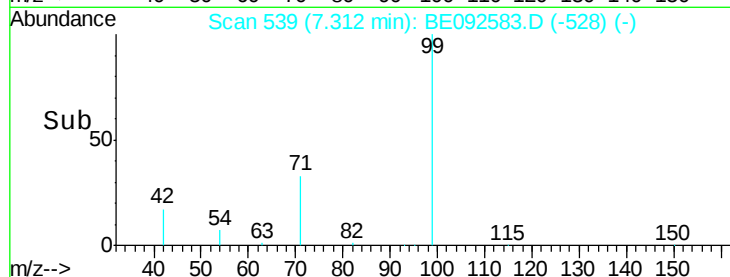
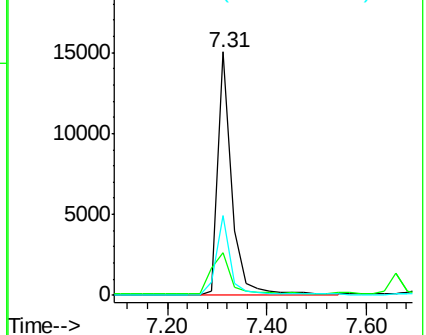
71 32.7 30.6 45.8



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: 3.32 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

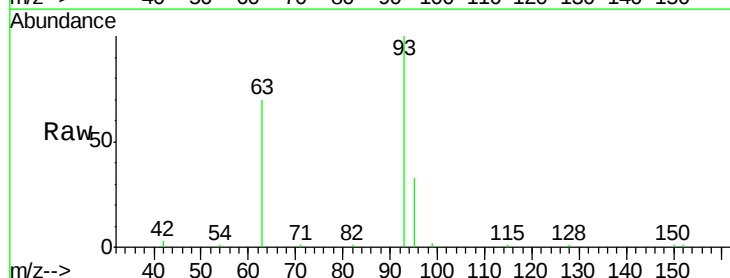
Tgt Ion: 93 Resp: 11603

Ion Ratio Lower Upper

93 100

63 76.7 71.6 107.4

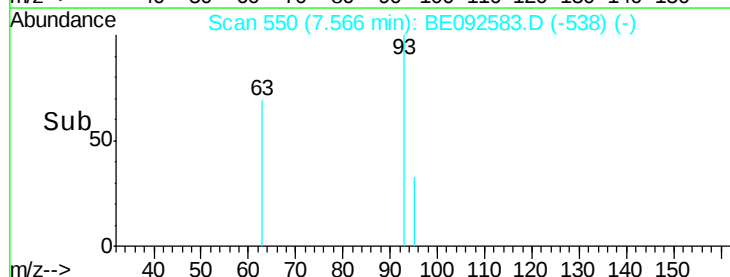
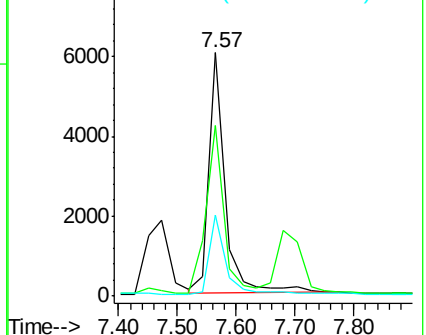
95 33.0 24.0 36.0

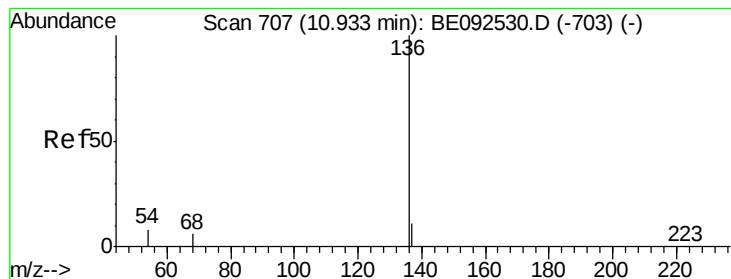


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092583.D

Acq: 1 Dec 2016 12:04

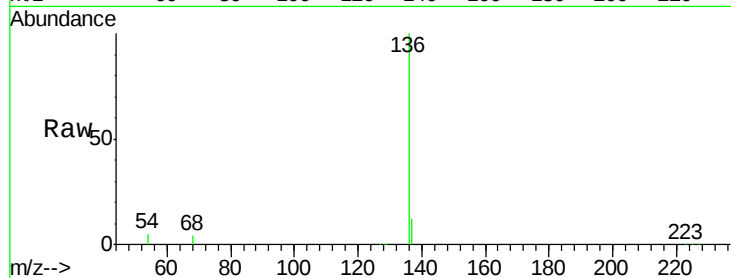
Instrument :

BNA_E

ClientSampleId :

PB94961BSD

Tgt Ion:	136	Resp:	51353
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	4.8	9.6	14.4#
68	3.8	6.7	10.1#

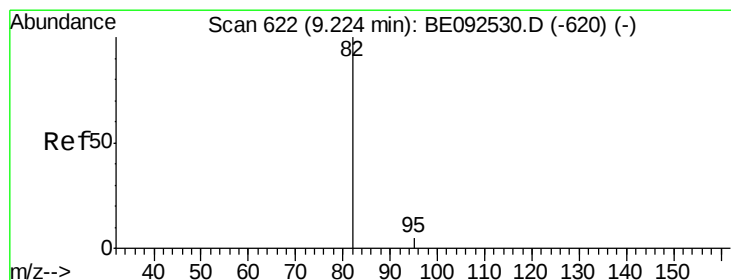
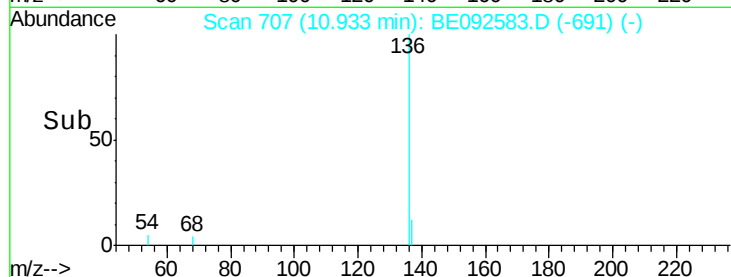
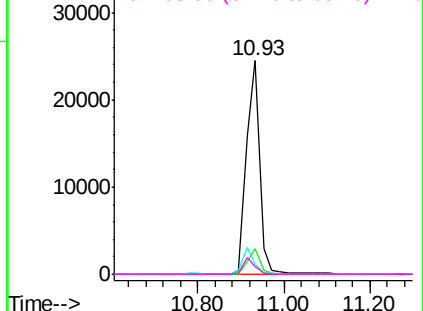


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.08 ng

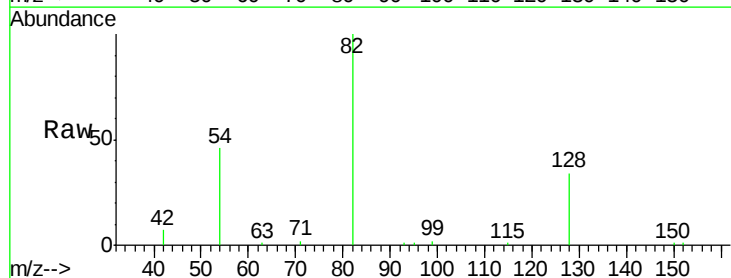
RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

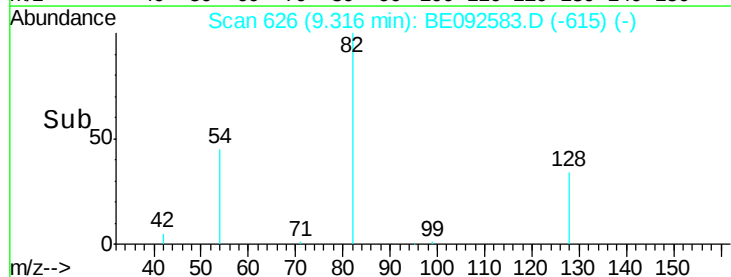
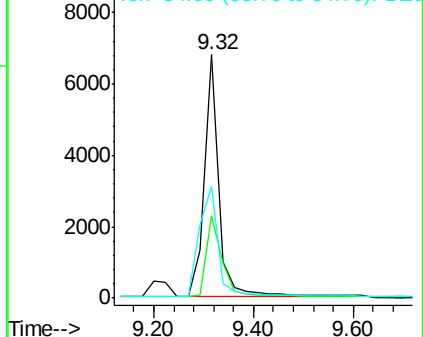
Tgt Ion:	82	Resp:	13568
Ion	Ratio	Lower	Upper
82	100		
128	34.0	39.0	58.4#
54	45.9	44.8	67.2

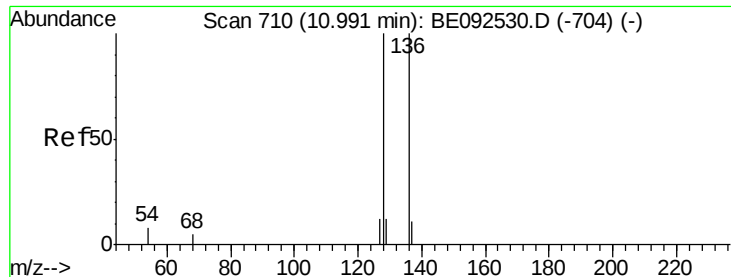


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.37 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

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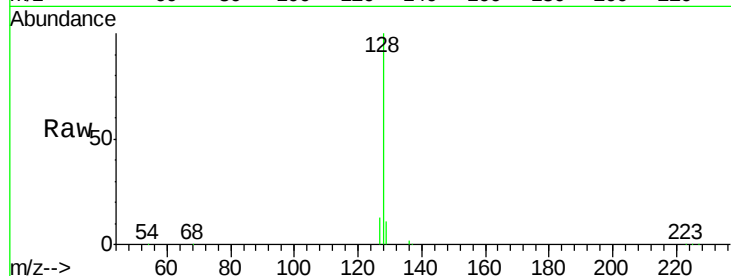
Tgt Ion:128 Resp: 35683

Ion Ratio Lower Upper

128 100

129 11.1 11.2 16.8#

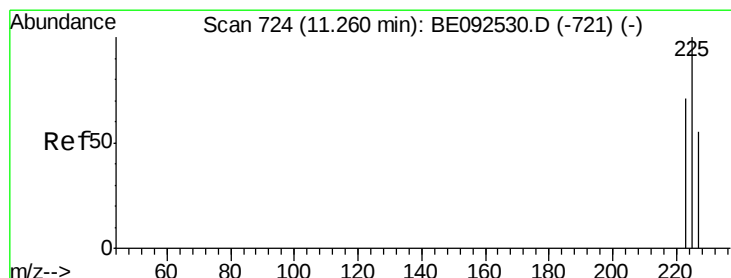
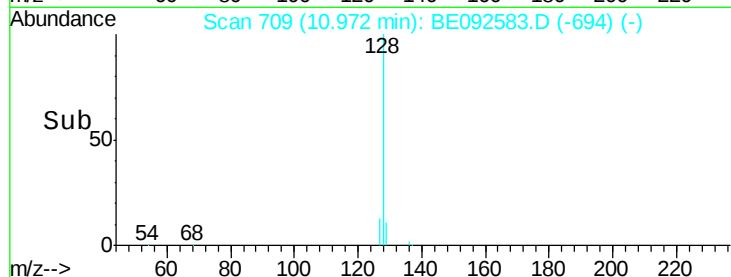
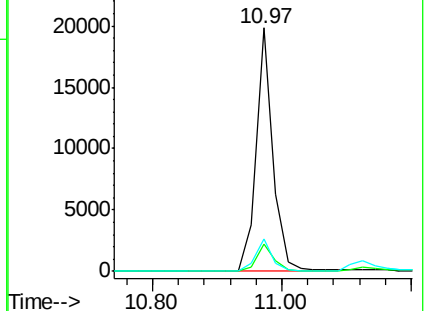
127 13.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.32 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

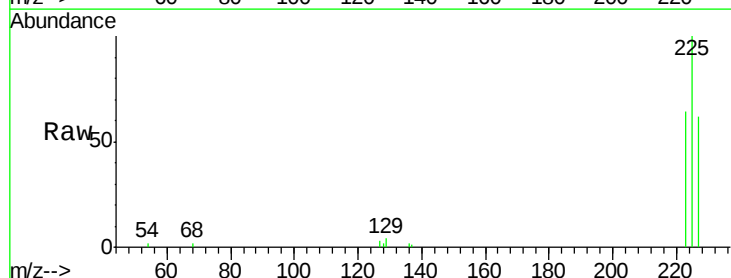
Tgt Ion:225 Resp: 5358

Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

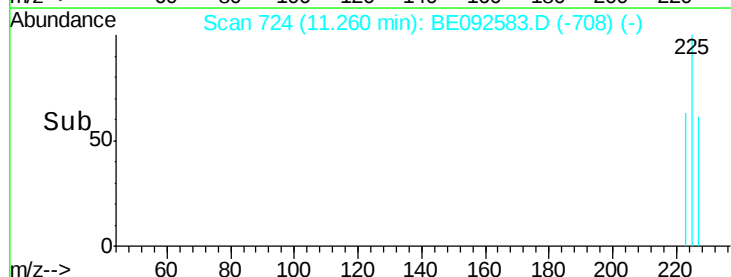
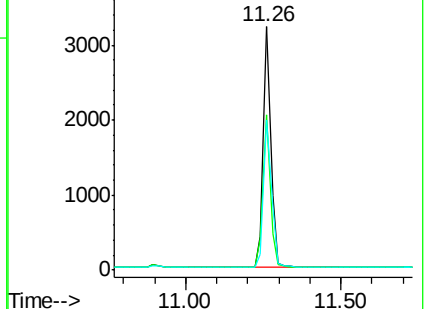
227 64.7 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.32 ng

RT: 12.82 min Scan# 831

Delta R.T. 0.18 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

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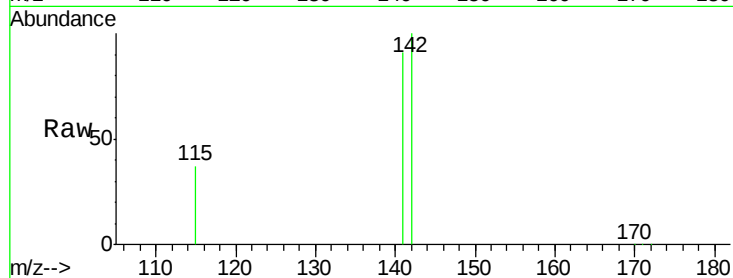
Tgt Ion:142 Resp: 22431

Ion Ratio Lower Upper

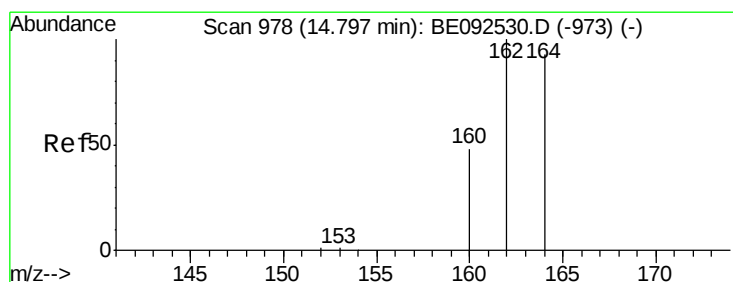
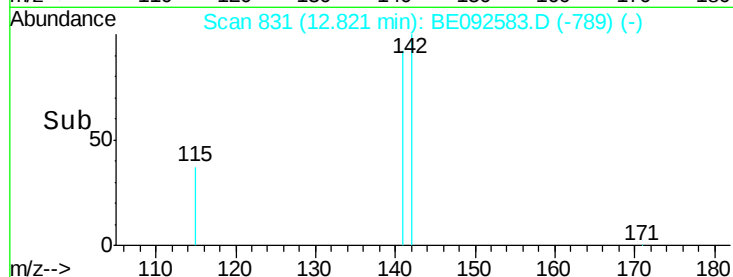
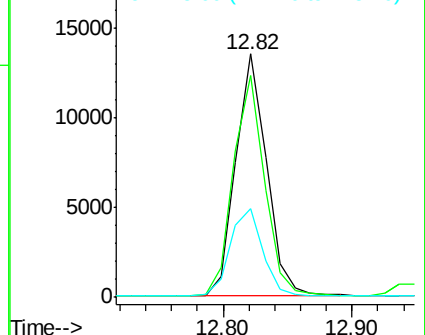
142 100

141 91.1 73.7 110.5

115 36.6 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# 978

Delta R.T. 0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

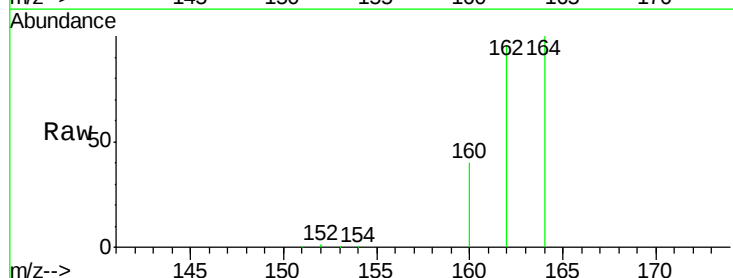
Tgt Ion:164 Resp: 31999

Ion Ratio Lower Upper

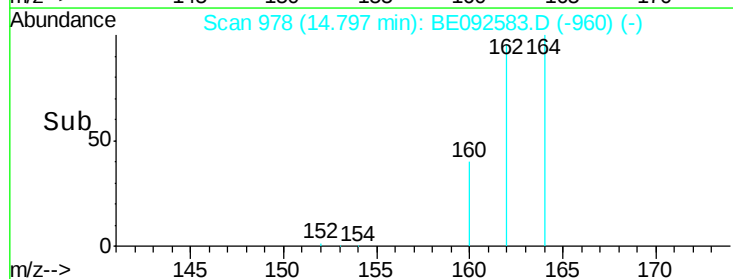
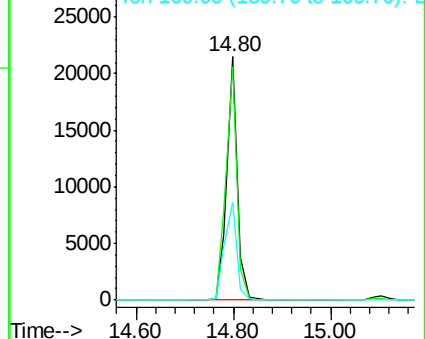
164 100

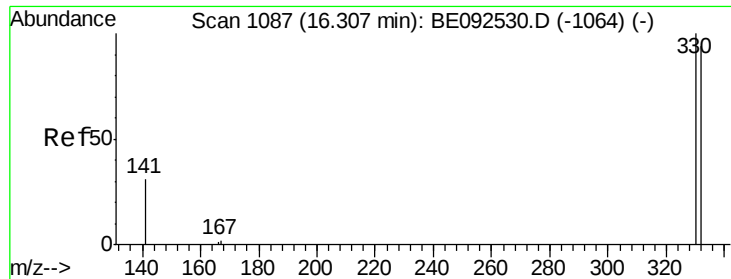
162 95.9 71.4 107.0

160 40.2 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

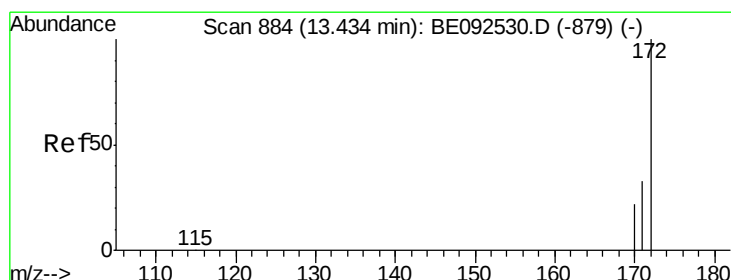
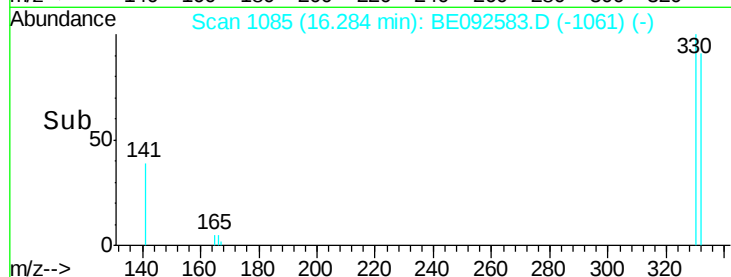
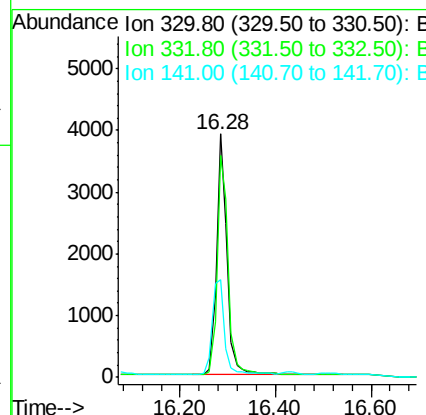
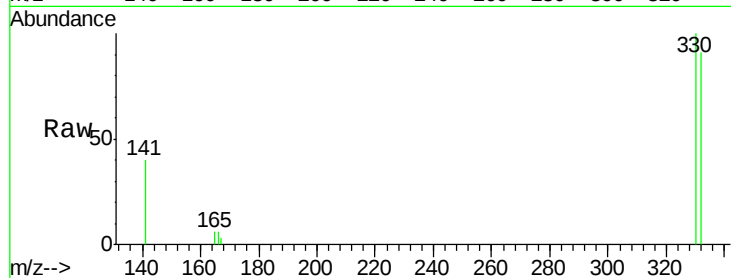




#13
 2,4,6-Tribromophenol
 Concen: 8.49 ng
 RT: 16.28 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

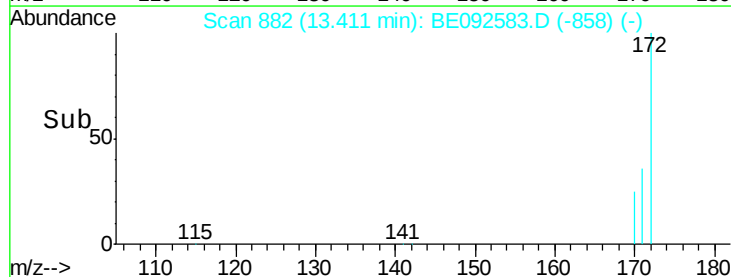
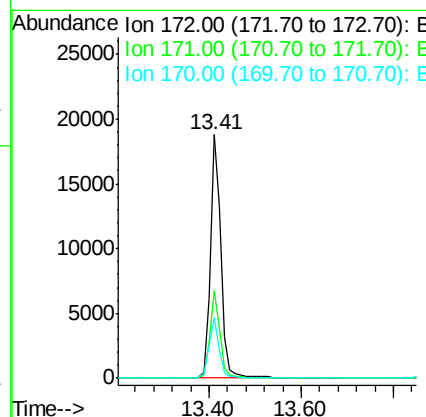
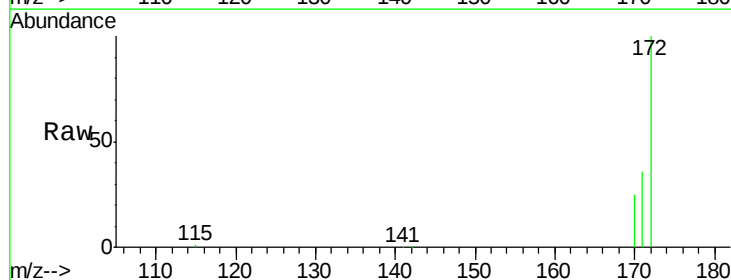
Instrument :
 BNA_E
 ClientSampleId :
 PB94961BSD

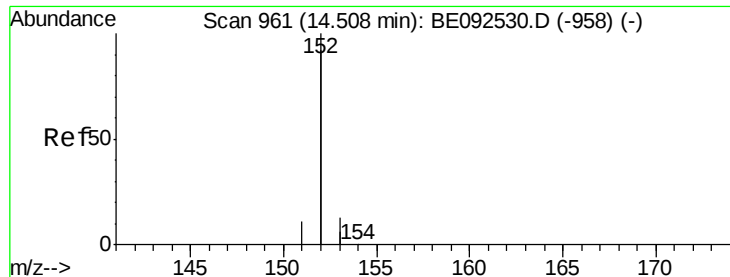
Tgt Ion: 330 Resp: 6098
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 44.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

Tgt Ion: 172 Resp: 30012
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.1 45.1
 170 24.7 21.8 32.6

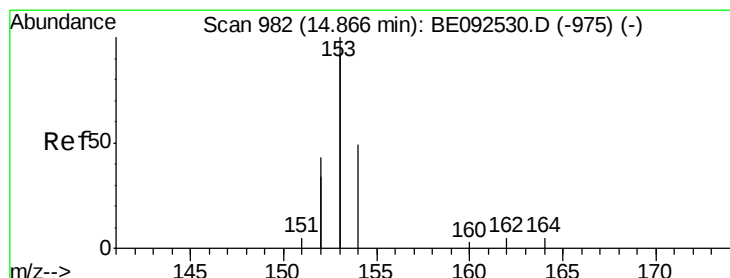
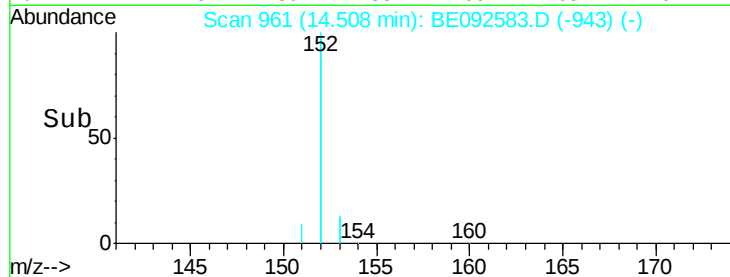
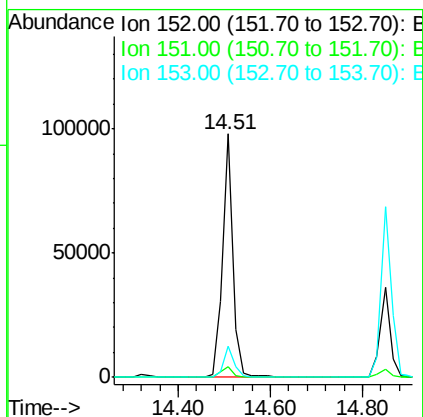
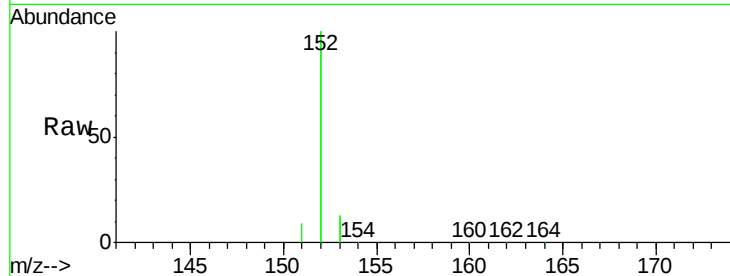




#15
Acenaphthylene
Concen: 3.47 ng
RT: 14.51 min Scan# 961
Delta R.T. 0.00 min
Lab File: BE092583.D
Acq: 1 Dec 2016 12:04

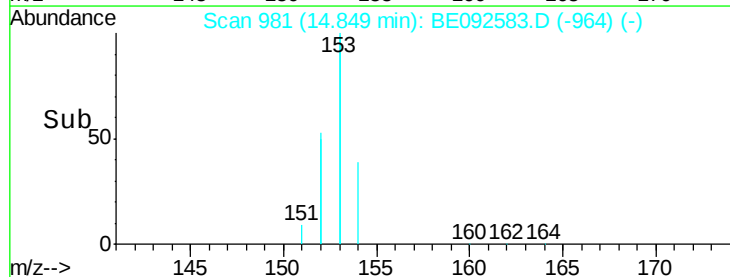
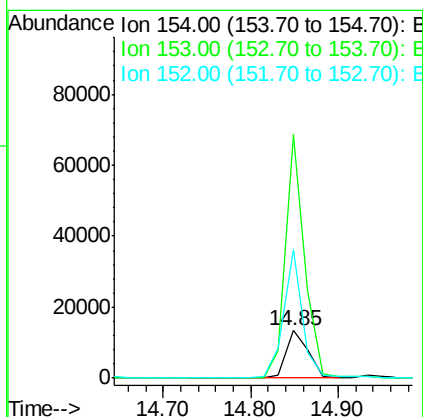
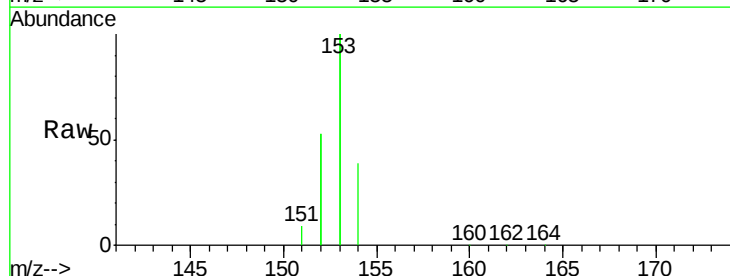
Instrument :
BNA_E
ClientSampleId :
PB94961BSD

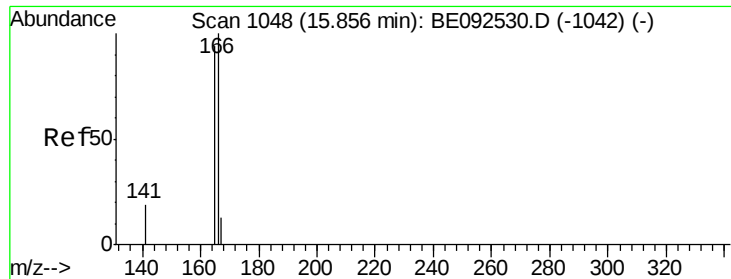
Tgt Ion:152 Resp: 154469
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.8 10.4 15.6



#16
Acenaphthene
Concen: 3.17 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092583.D
Acq: 1 Dec 2016 12:04

Tgt Ion:154 Resp: 23019
Ion Ratio Lower Upper
154 100
153 455.1 350.8 526.2
152 230.8 171.1 256.7

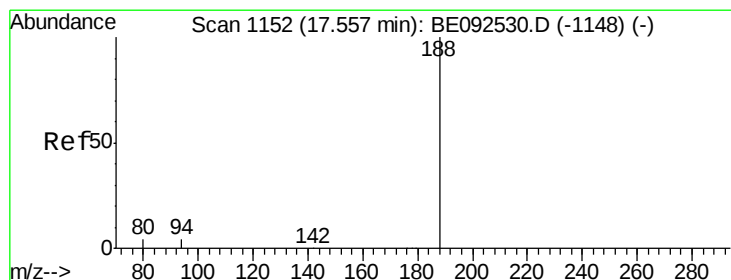
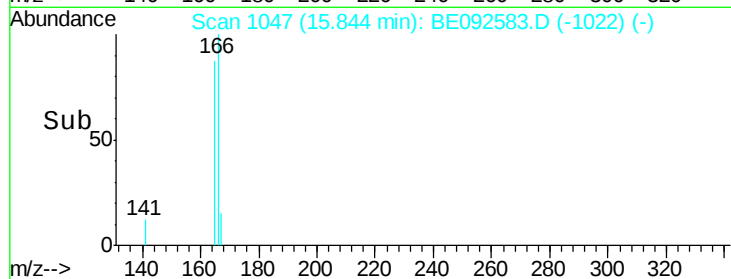
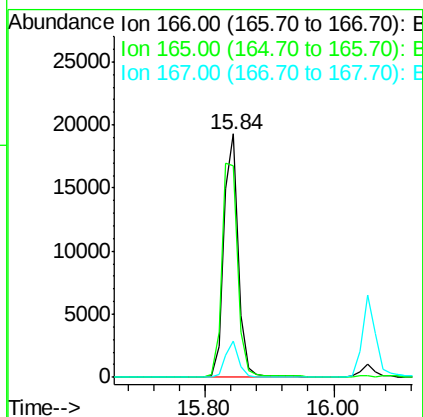
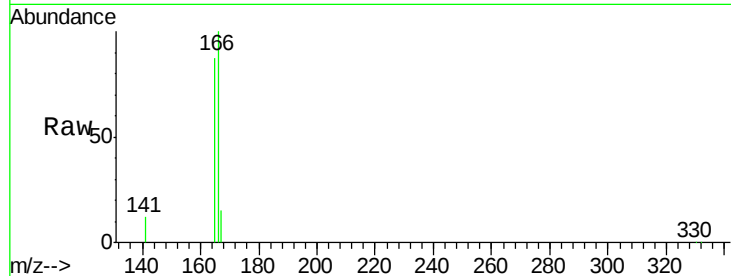




#17
Fluorene
 Concen: 3.30 ng
 RT: 15.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

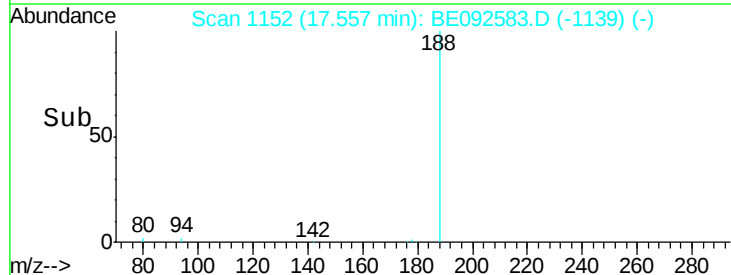
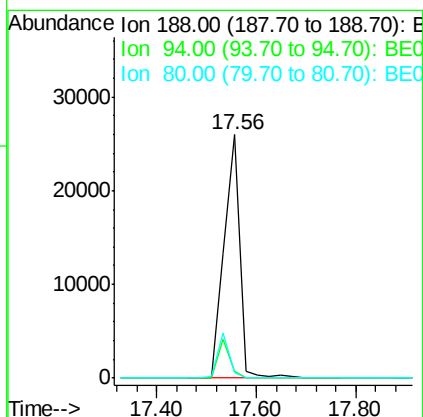
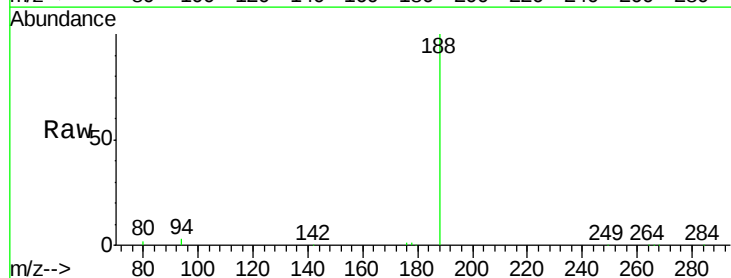
Instrument :
 BNA_E
 ClientSampleId :
 PB94961BSD

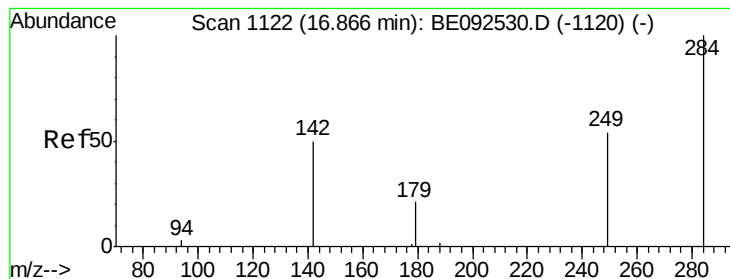
Tgt Ion:166 Resp: 29765
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

Tgt Ion:188 Resp: 56237
 Ion Ratio Lower Upper
 188 100
 94 2.6 3.2 4.8#
 80 2.1 2.6 3.8#





#19

Hexachlorobenzene

Concen: 4.78 ng

RT: 16.87 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

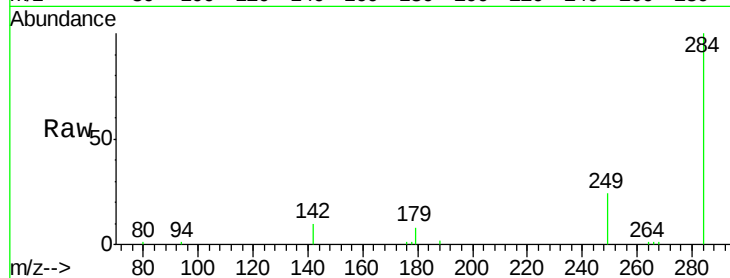
Tgt Ion:284 Resp: 10610

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

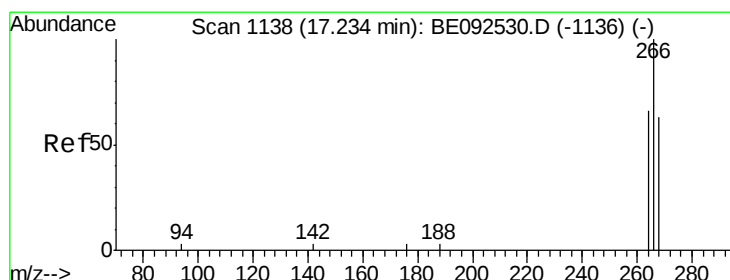
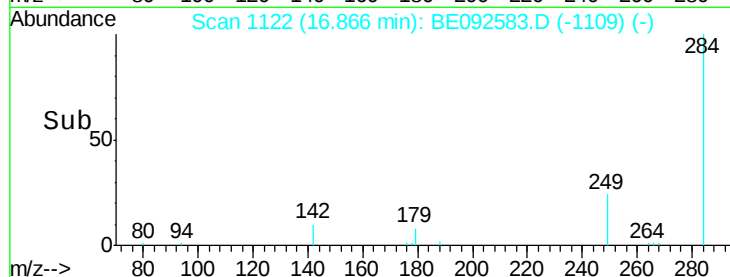
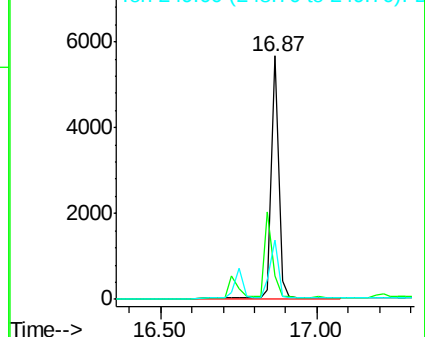
249 24.2 27.9 41.9#



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: 6.32 ng

RT: 17.21 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

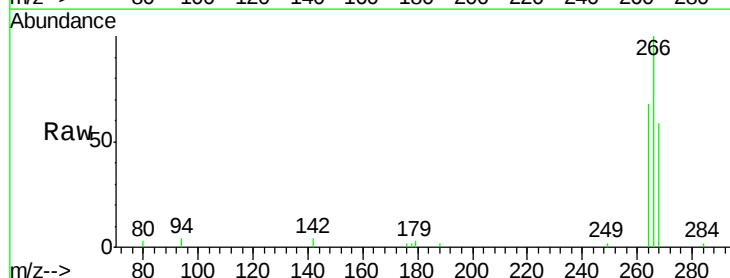
Tgt Ion:266 Resp: 5927

Ion Ratio Lower Upper

266 100

268 58.9 62.5 93.7#

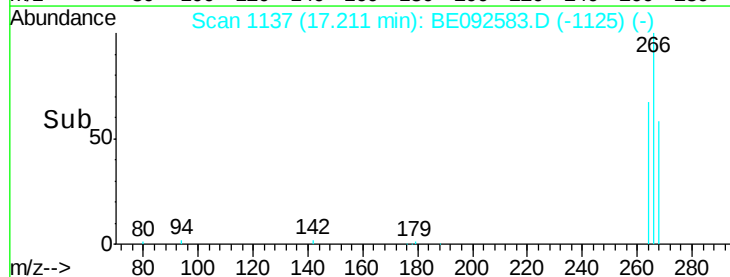
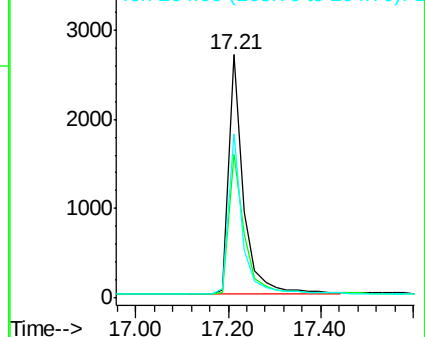
264 67.7 57.2 85.8

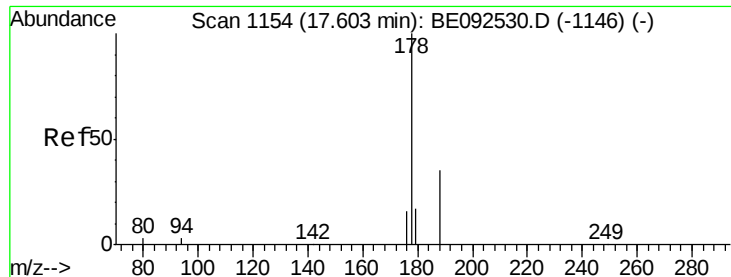


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 3.97 ng

RT: 17.58 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

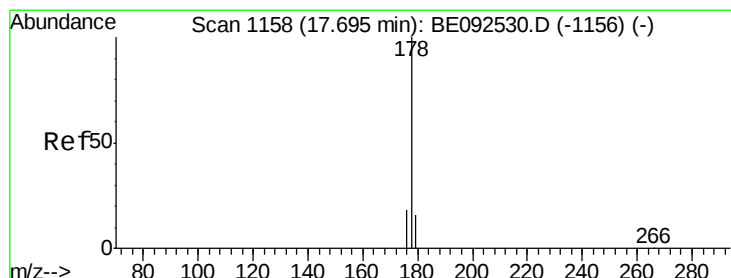
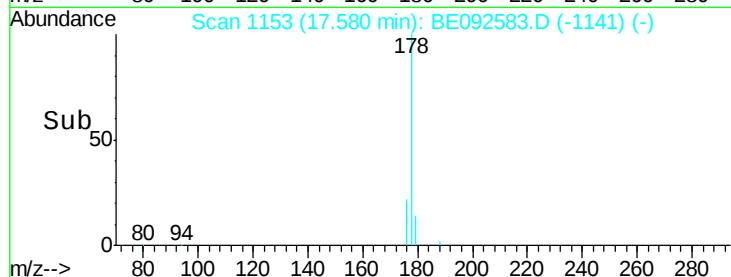
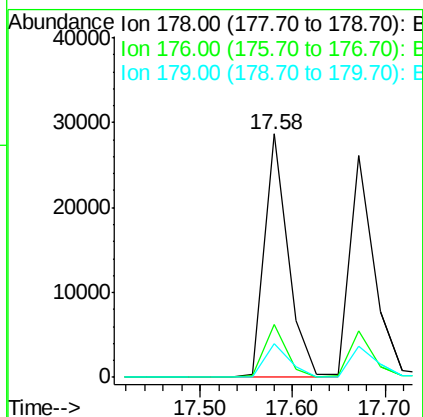
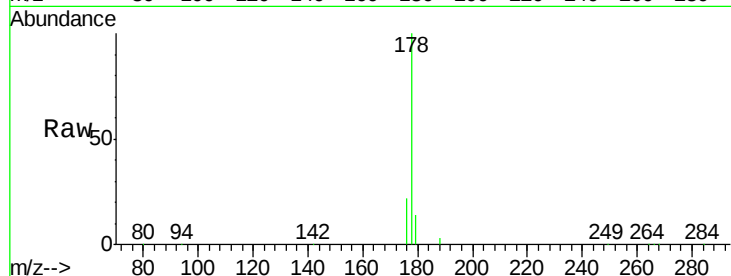
Tgt Ion:178 Resp: 50010

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 14.7 16.0 24.0#



#22

Anthracene

Concen: 4.11 ng

RT: 17.67 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

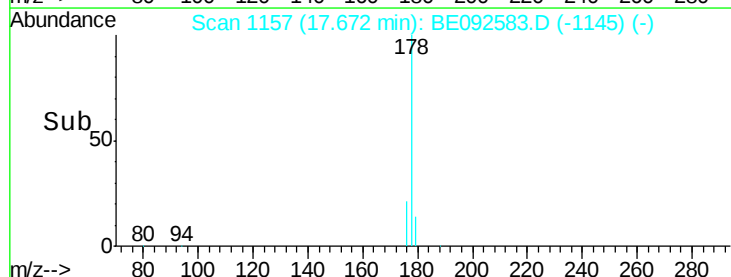
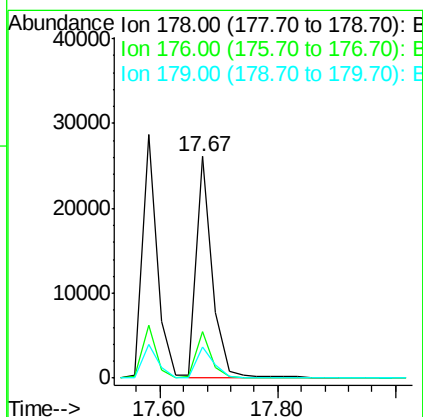
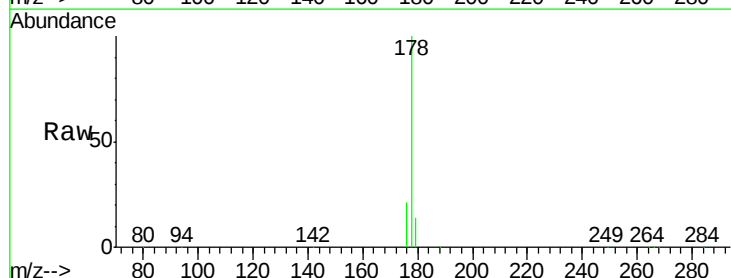
Tgt Ion:178 Resp: 48689

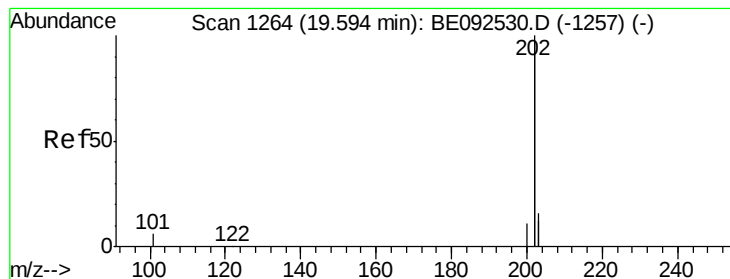
Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

179 15.0 12.2 18.2





#23

Fluoranthene

Concen: 3.46 ng

RT: 19.58 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

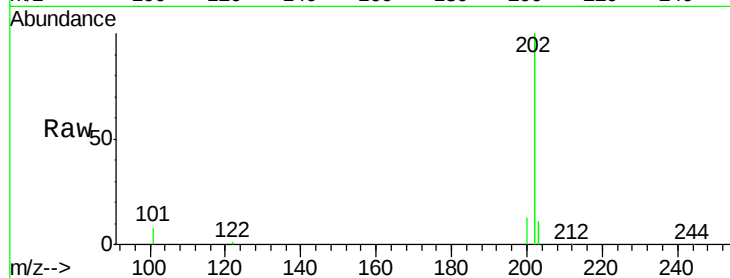
Tgt Ion:202 Resp: 203076

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

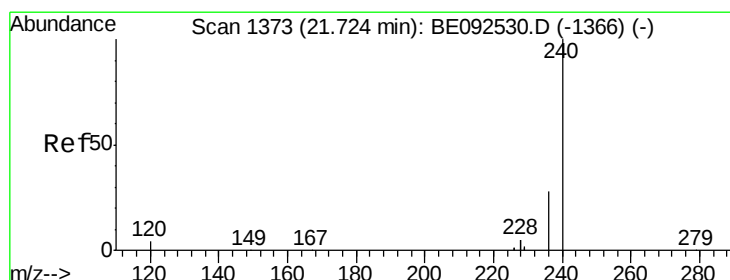
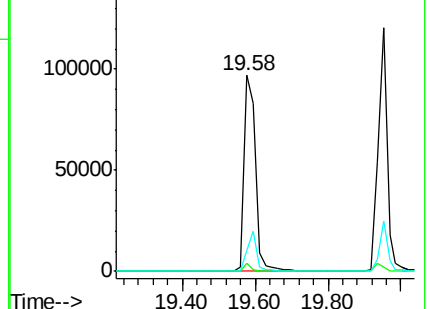
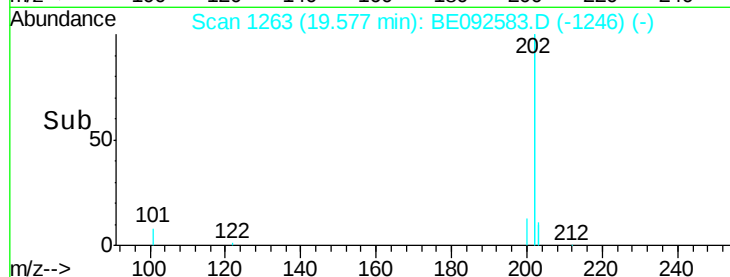
203 17.0 13.7 20.5



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# 1373

Delta R.T. -0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

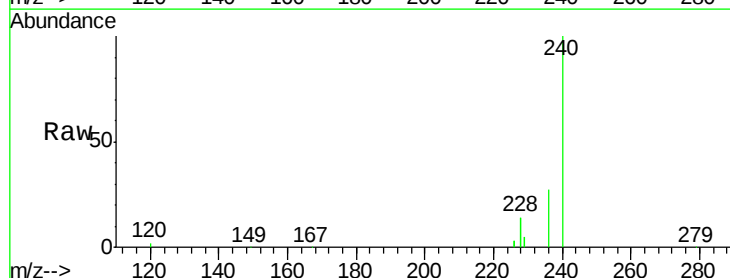
Tgt Ion:240 Resp: 71317

Ion Ratio Lower Upper

240 100

120 2.1 2.6 4.0#

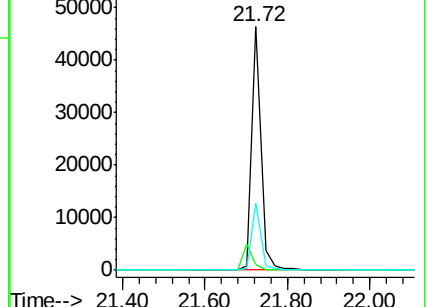
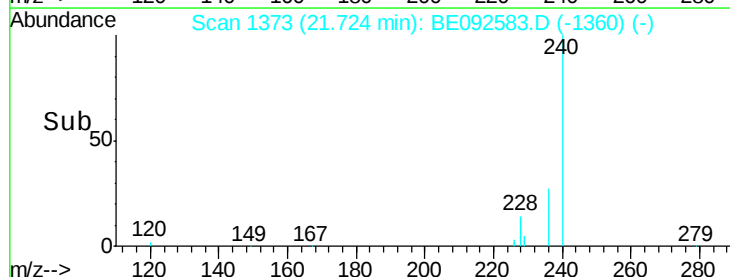
236 27.3 24.6 37.0



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

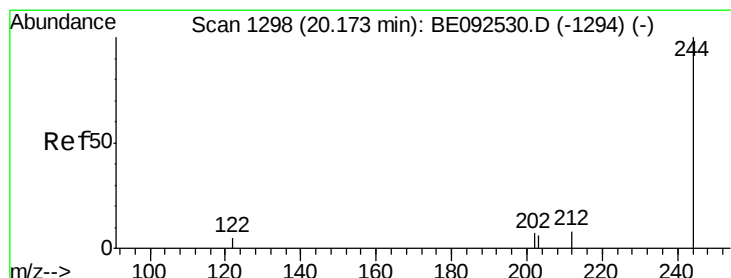
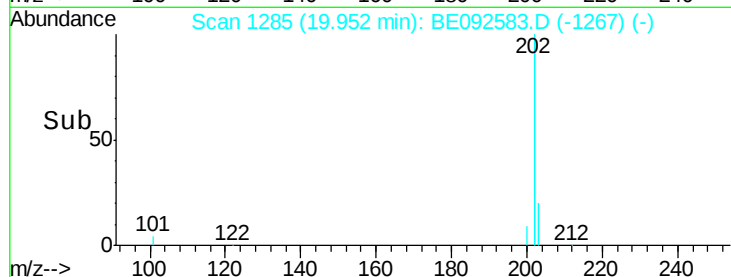
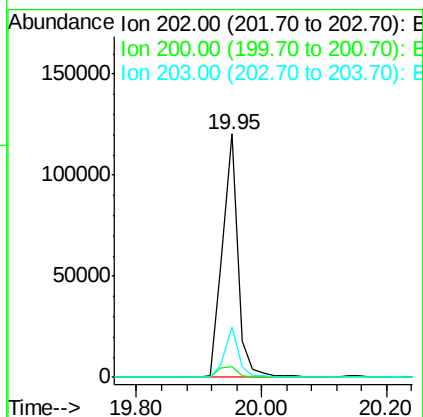
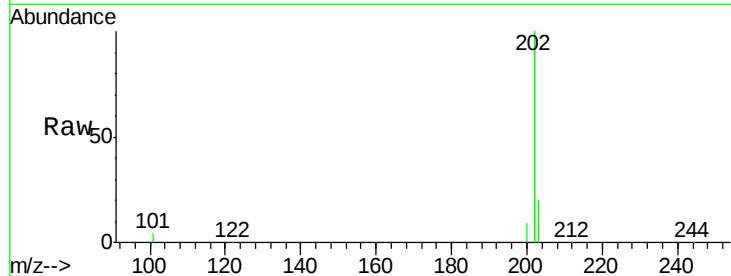




#25
 Pyrene
 Concen: 3.60 ng
 RT: 19.95 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

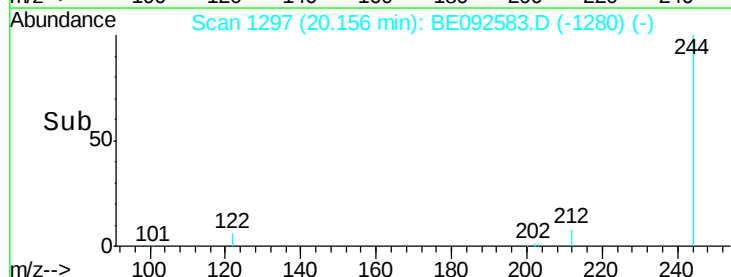
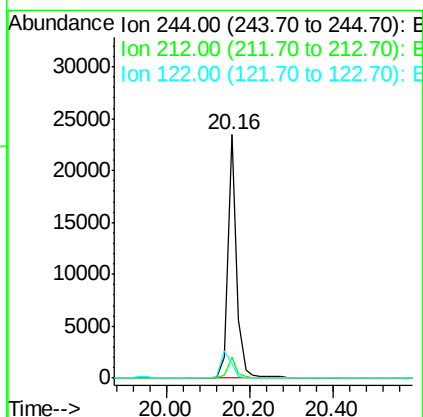
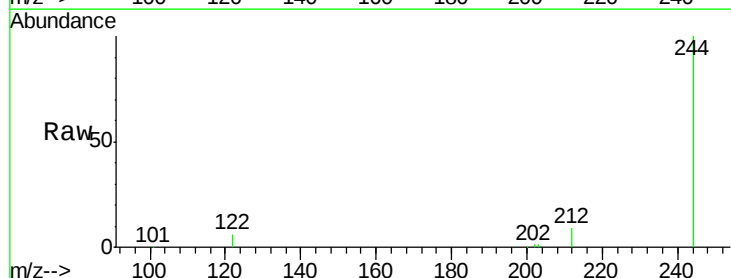
Instrument :
 BNA_E
 ClientSampleId :
 PB94961BSD

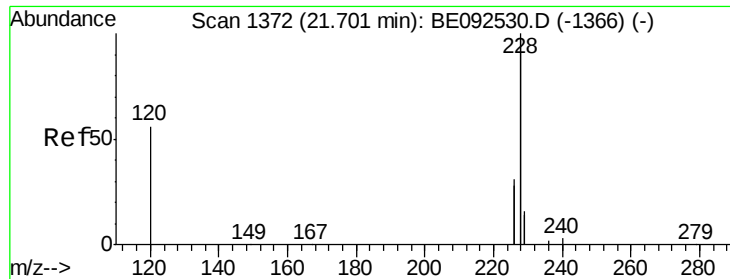
Tgt Ion:202 Resp: 203846
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 18.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.09 ng
 RT: 20.16 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

Tgt Ion:244 Resp: 33342
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 5.8 3.6 5.4#

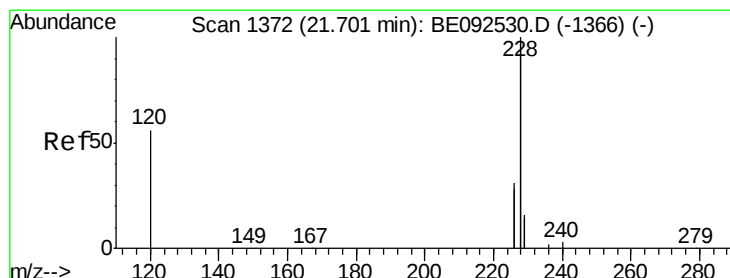
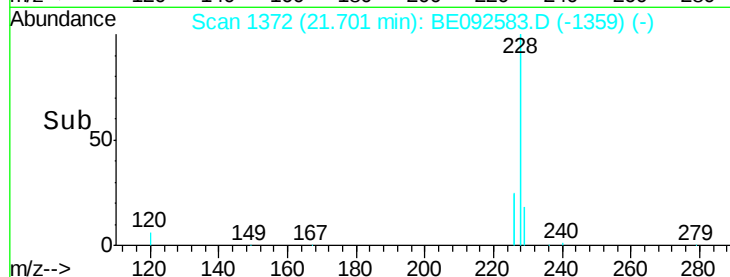
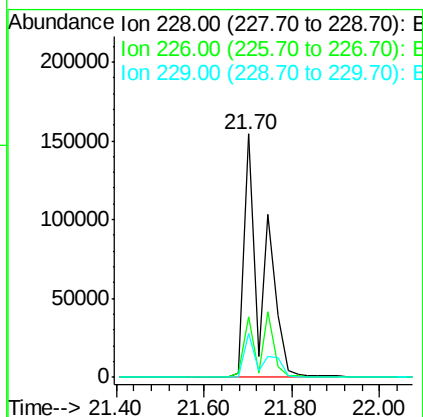
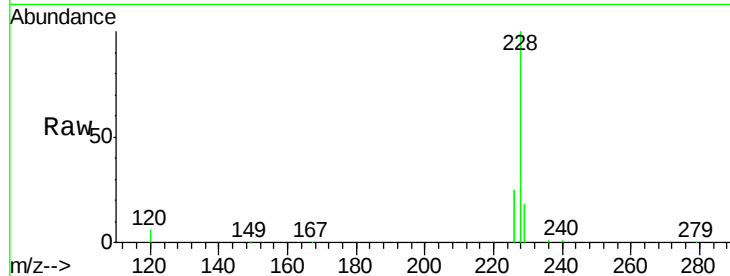




#27
Benzo(a)anthracene
Concen: 6.42 ng
RT: 21.70 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092583.D
Acq: 1 Dec 2016 12:04

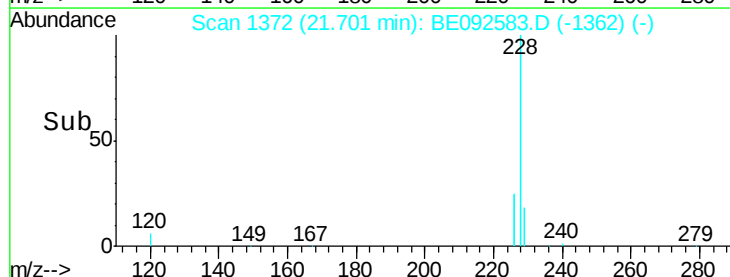
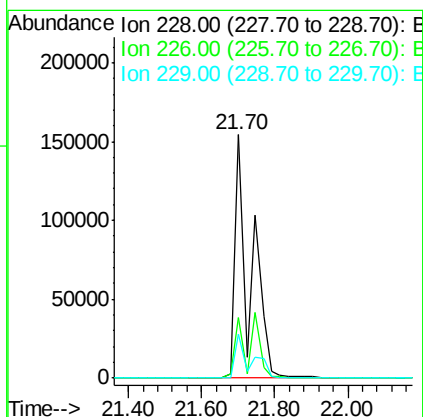
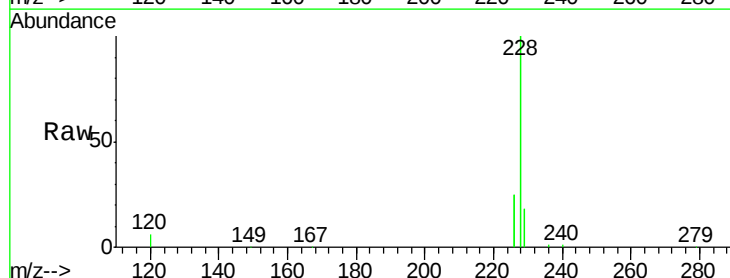
Instrument :
BNA_E
ClientSampleId :
PB94961BSD

Tgt Ion:228 Resp: 436152
Ion Ratio Lower Upper
228 100
226 24.6 23.6 35.4
229 17.9 13.3 19.9



#28
Chrysene
Concen: 7.22 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092583.D
Acq: 1 Dec 2016 12:04

Tgt Ion:228 Resp: 437710
Ion Ratio Lower Upper
228 100
226 24.6 36.3 54.5#
229 17.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.63 ng

RT: 21.61 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

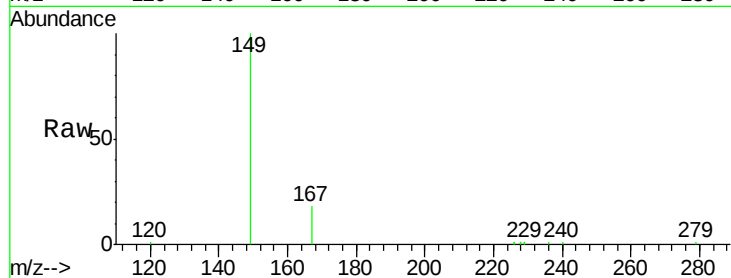
Tgt Ion:149 Resp: 16655

Ion Ratio Lower Upper

149 100

167 23.9 16.0 24.0

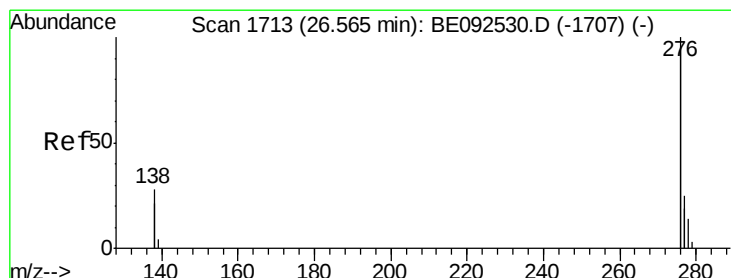
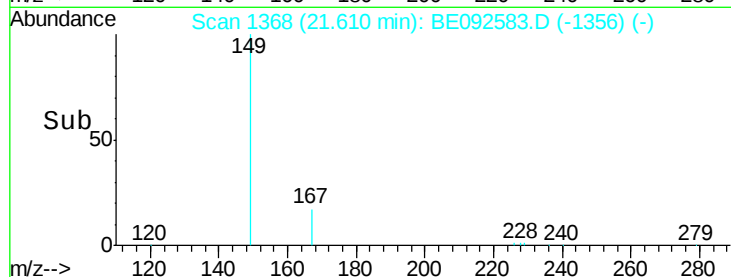
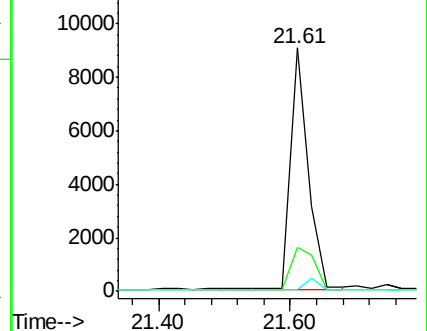
279 0.0 16.0 24.0#



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: 4.04 ng

RT: 26.55 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

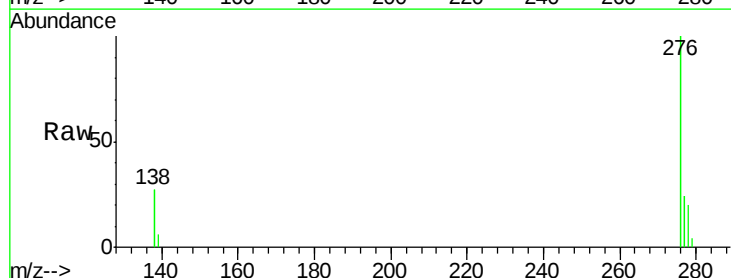
Tgt Ion:276 Resp: 267246

Ion Ratio Lower Upper

276 100

138 27.6 20.3 30.5

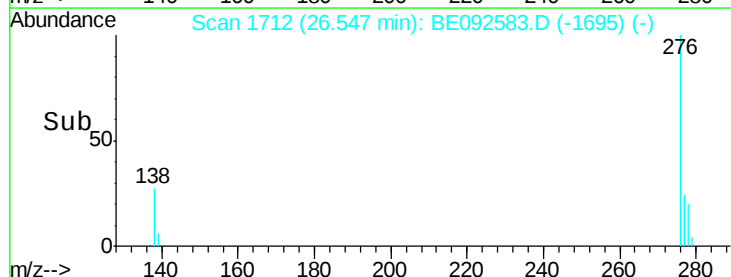
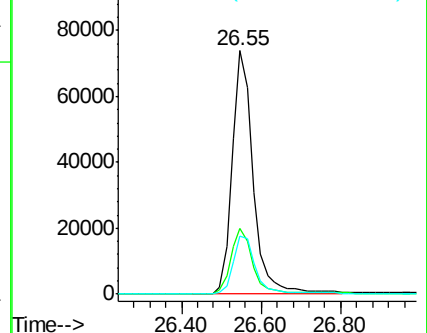
277 24.8 19.7 29.5

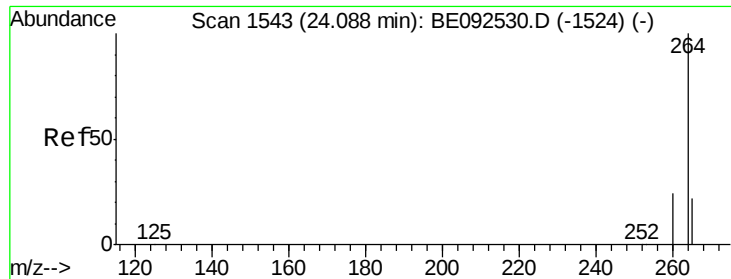


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

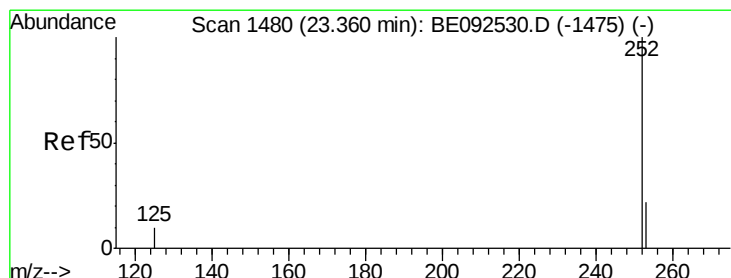
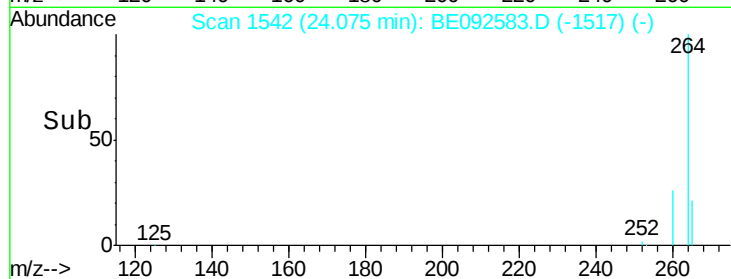
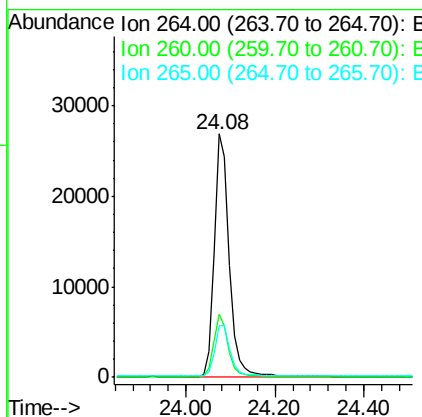
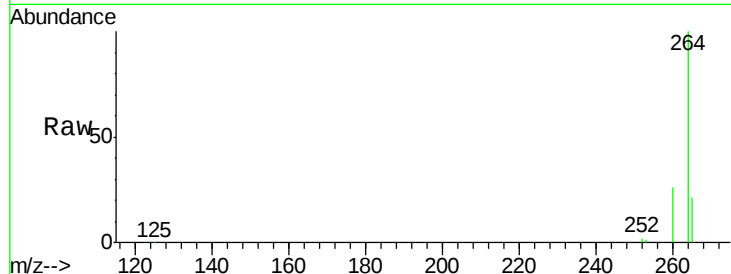




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

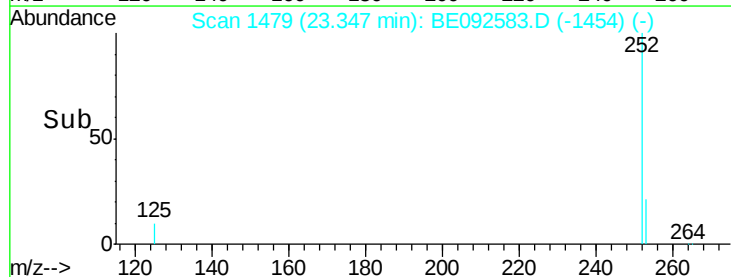
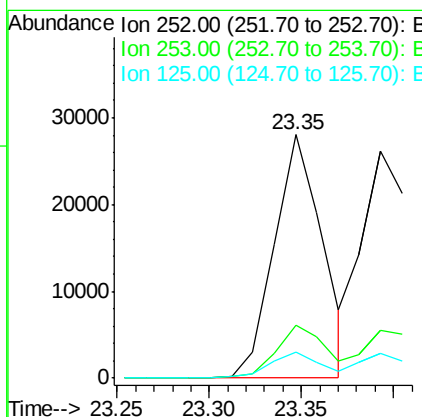
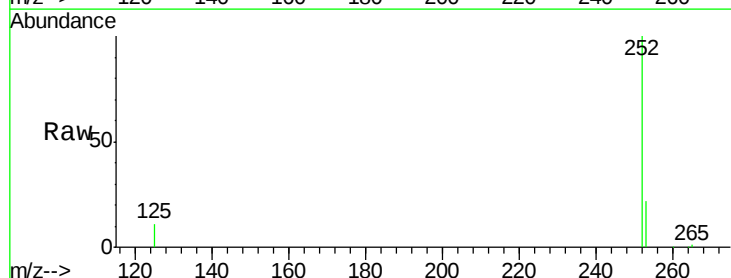
Instrument :
 BNA_E
 ClientSampleId :
 PB94961BSD

Tgt Ion: 264 Resp: 63009
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 3.33 ng
 RT: 23.35 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092583.D
 Acq: 1 Dec 2016 12:04

Tgt Ion: 252 Resp: 50878
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.7 28.1
 125 10.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 3.36 ng

RT: 23.39 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

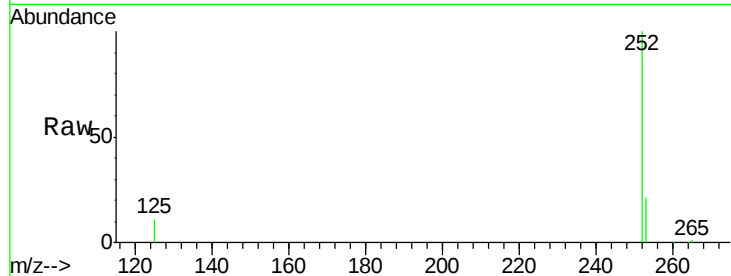
Tgt Ion:252 Resp: 53869

Ion Ratio Lower Upper

252 100

253 21.3 20.3 30.5

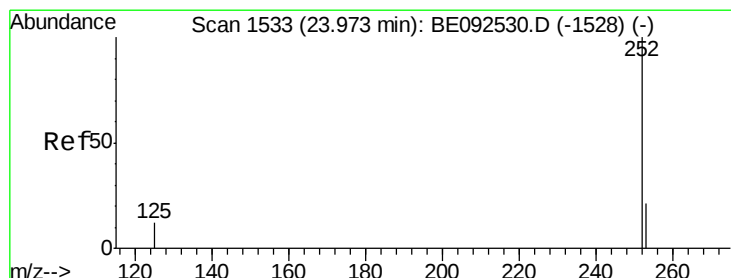
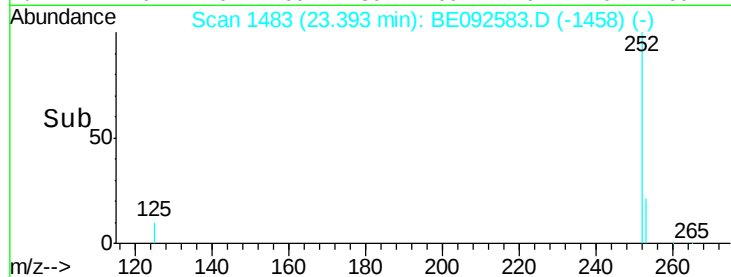
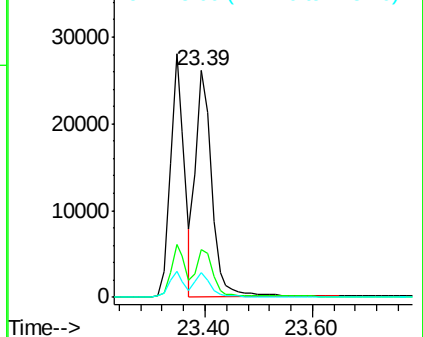
125 10.7 9.6 14.4



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: 3.61 ng

RT: 23.97 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

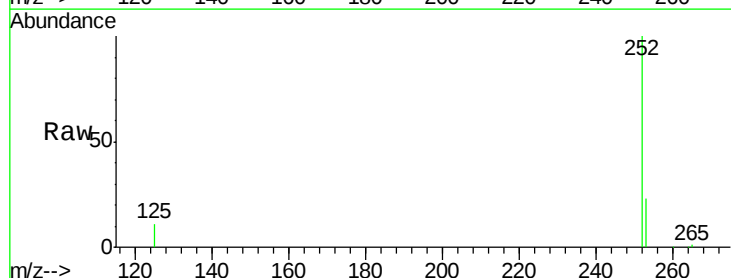
Tgt Ion:252 Resp: 50974

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

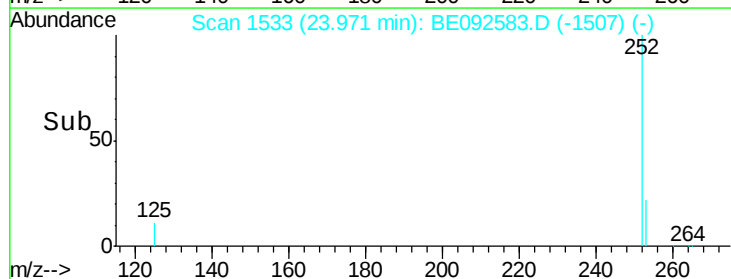
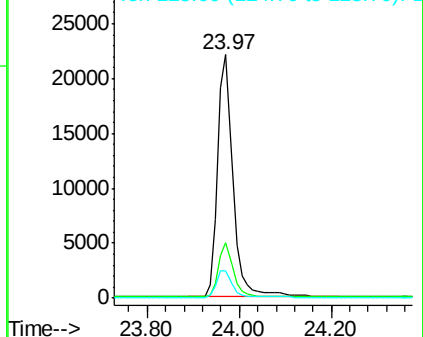
125 11.0 11.8 17.8#

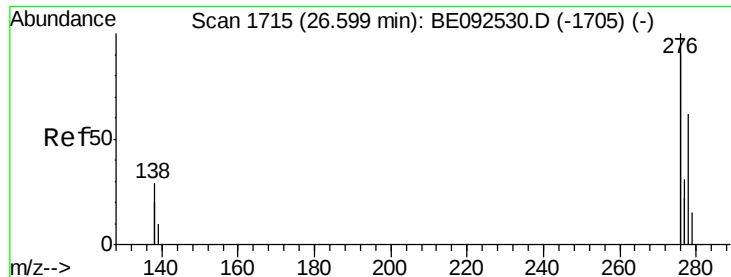


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 4.00 ng

RT: 26.56 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

Instrument :

BNA_E

ClientSampleId :

PB94961BSD

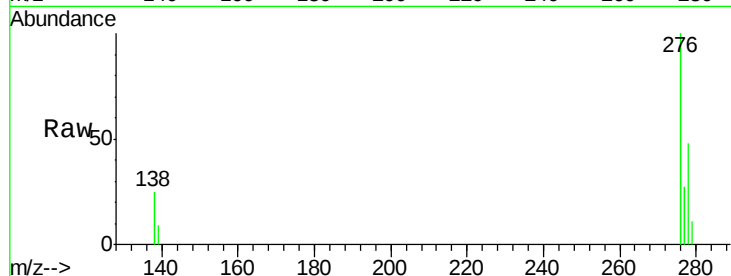
Tgt Ion:278 Resp: 55943

Ion Ratio Lower Upper

278 100

139 19.6 13.8 20.8

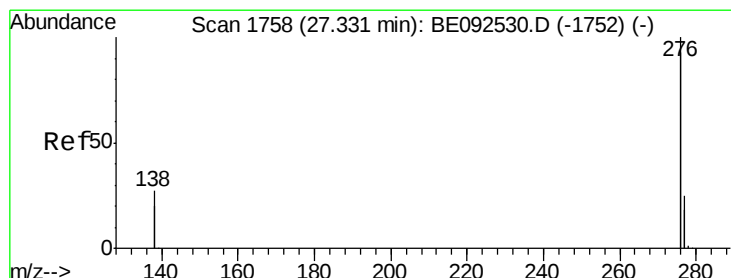
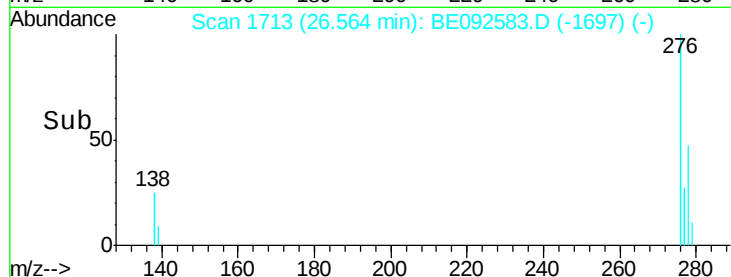
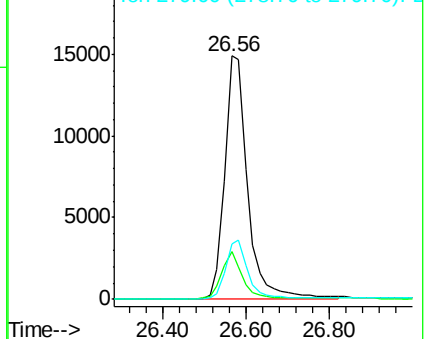
279 22.7 21.4 32.2



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: 3.96 ng

RT: 27.31 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092583.D

Acq: 1 Dec 2016 12:04

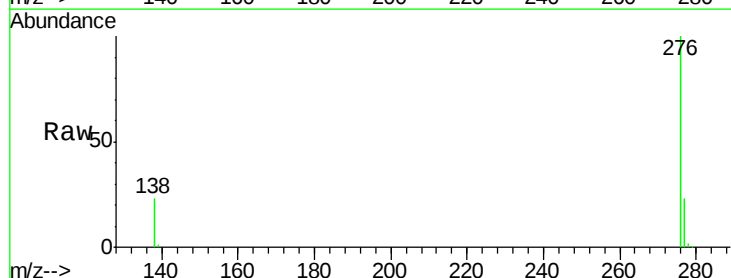
Tgt Ion:276 Resp: 234492

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 23.1 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

